

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	22.82	/	/	17.42	/	/	<=38.45	Pass
		Edge_1RB_Right	22.84	/	/	17.44	/	/	<=38.45	Pass
		Outer_Full	22.86	/	/	17.46	/	/	<=38.45	Pass
		Inner_Full	23.25	/	/	17.85	/	/	<=38.45	Pass
		Inner_1RB_Left	23.36	/	/	17.96	/	/	<=38.45	Pass
		Inner_1RB_Right	23.38	/	/	17.98	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	22.72	/	/	17.32	/	/	<=38.45	Pass
		Edge_1RB_Right	22.76	/	/	17.36	/	/	<=38.45	Pass
		Outer_Full	22.83	/	/	17.43	/	/	<=38.45	Pass
		Inner_Full	23.24	/	/	17.84	/	/	<=38.45	Pass
		Inner_1RB_Left	23.30	/	/	17.90	/	/	<=38.45	Pass
		Inner_1RB_Right	23.35	/	/	17.95	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	22.81	/	/	17.41	/	/	<=38.45	Pass
		Edge_1RB_Right	22.87	/	/	17.47	/	/	<=38.45	Pass
		Outer_Full	22.85	/	/	17.45	/	/	<=38.45	Pass
		Inner_Full	23.27	/	/	17.87	/	/	<=38.45	Pass
		Inner_1RB_Left	23.31	/	/	17.91	/	/	<=38.45	Pass
		Inner_1RB_Right	23.36	/	/	17.96	/	/	<=38.45	Pass
DFT-s-OFDM QPSK	826.5	Edge_1RB_Left	22.41	/	/	17.01	/	/	<=38.45	Pass
		Edge_1RB_Right	22.45	/	/	17.05	/	/	<=38.45	Pass
		Outer_Full	22.35	/	/	16.95	/	/	<=38.45	Pass
		Inner_Full	23.36	/	/	17.97	/	/	<=38.45	Pass
		Inner_1RB_Left	23.54	/	/	18.14	/	/	<=38.45	Pass
		Inner_1RB_Right	23.55	/	/	18.15	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	22.41	/	/	17.01	/	/	<=38.45	Pass
		Edge_1RB_Right	22.40	/	/	17.00	/	/	<=38.45	Pass
		Outer_Full	22.11	/	/	16.71	/	/	<=38.45	Pass
		Inner_Full	23.25	/	/	17.86	/	/	<=38.45	Pass
		Inner_1RB_Left	23.57	/	/	18.17	/	/	<=38.45	Pass
		Inner_1RB_Right	23.52	/	/	18.12	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	22.41	/	/	17.01	/	/	<=38.45	Pass
		Edge_1RB_Right	22.52	/	/	17.13	/	/	<=38.45	Pass
		Outer_Full	22.41	/	/	17.01	/	/	<=38.45	Pass
		Inner_Full	23.42	/	/	18.02	/	/	<=38.45	Pass
		Inner_1RB_Left	23.59	/	/	18.19	/	/	<=38.45	Pass
		Inner_1RB_Right	23.72	/	/	18.32	/	/	<=38.45	Pass
DFT-s-OFDM 16 QAM	826.5	Edge_1RB_Left	21.26	/	/	15.86	/	/	<=38.45	Pass
		Edge_1RB_Right	21.28	/	/	15.88	/	/	<=38.45	Pass
		Outer_Full	21.46	/	/	16.06	/	/	<=38.45	Pass
		Inner_Full	22.43	/	/	17.03	/	/	<=38.45	Pass
		Inner_1RB_Left	22.29	/	/	16.89	/	/	<=38.45	Pass
		Inner_1RB_Right	22.24	/	/	16.84	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.32	/	/	15.92	/	/	<=38.45	Pass
		Edge_1RB_Right	21.34	/	/	15.94	/	/	<=38.45	Pass
		Outer_Full	21.47	/	/	16.07	/	/	<=38.45	Pass
		Inner_Full	22.28	/	/	16.88	/	/	<=38.45	Pass
		Inner_1RB_Left	22.15	/	/	16.75	/	/	<=38.45	Pass
		Inner_1RB_Right	22.12	/	/	16.72	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	21.37	/	/	15.97	/	/	<=38.45	Pass

		Edge_1RB_Right	21.29	/	/	15.89	/	/	<=38.45	Pass
		Outer_Full	21.62	/	/	16.22	/	/	<=38.45	Pass
		Inner_Full	22.39	/	/	16.99	/	/	<=38.45	Pass
		Inner_1RB_Left	22.48	/	/	17.08	/	/	<=38.45	Pass
		Inner_1RB_Right	22.49	/	/	17.09	/	/	<=38.45	Pass
DFT-s-OFDM 64 QAM	826.5	Edge_1RB_Left	21.10	/	/	15.70	/	/	<=38.45	Pass
		Edge_1RB_Right	21.11	/	/	15.71	/	/	<=38.45	Pass
		Outer_Full	20.99	/	/	15.59	/	/	<=38.45	Pass
		Inner_Full	20.95	/	/	15.55	/	/	<=38.45	Pass
		Inner_1RB_Left	21.11	/	/	15.71	/	/	<=38.45	Pass
		Inner_1RB_Right	21.15	/	/	15.75	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.06	/	/	15.66	/	/	<=38.45	Pass
		Edge_1RB_Right	21.08	/	/	15.68	/	/	<=38.45	Pass
		Outer_Full	20.97	/	/	15.57	/	/	<=38.45	Pass
		Inner_Full	21.03	/	/	15.63	/	/	<=38.45	Pass
		Inner_1RB_Left	21.11	/	/	15.71	/	/	<=38.45	Pass
		Inner_1RB_Right	21.12	/	/	15.72	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	21.17	/	/	15.77	/	/	<=38.45	Pass
		Edge_1RB_Right	21.12	/	/	15.72	/	/	<=38.45	Pass
		Outer_Full	21.10	/	/	15.70	/	/	<=38.45	Pass
		Inner_Full	21.07	/	/	15.68	/	/	<=38.45	Pass
		Inner_1RB_Left	21.20	/	/	15.80	/	/	<=38.45	Pass
		Inner_1RB_Right	21.12	/	/	15.72	/	/	<=38.45	Pass
DFT-s-OFDM 256 QAM	826.5	Edge_1RB_Left	18.89	/	/	13.49	/	/	<=38.45	Pass
		Edge_1RB_Right	18.93	/	/	13.53	/	/	<=38.45	Pass
		Outer_Full	18.90	/	/	13.50	/	/	<=38.45	Pass
		Inner_Full	18.83	/	/	13.43	/	/	<=38.45	Pass
		Inner_1RB_Left	18.96	/	/	13.56	/	/	<=38.45	Pass
		Inner_1RB_Right	18.94	/	/	13.54	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	18.94	/	/	13.54	/	/	<=38.45	Pass
		Edge_1RB_Right	18.70	/	/	13.30	/	/	<=38.45	Pass
		Outer_Full	18.86	/	/	13.46	/	/	<=38.45	Pass
		Inner_Full	18.62	/	/	13.22	/	/	<=38.45	Pass
		Inner_1RB_Left	18.88	/	/	13.48	/	/	<=38.45	Pass
		Inner_1RB_Right	18.94	/	/	13.54	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	18.97	/	/	13.57	/	/	<=38.45	Pass
		Edge_1RB_Right	18.99	/	/	13.59	/	/	<=38.45	Pass
		Outer_Full	19.00	/	/	13.60	/	/	<=38.45	Pass
		Inner_Full	18.91	/	/	13.51	/	/	<=38.45	Pass
		Inner_1RB_Left	18.99	/	/	13.59	/	/	<=38.45	Pass
		Inner_1RB_Right	19.04	/	/	13.64	/	/	<=38.45	Pass
CP-OFDM QPSK	826.5	Edge_1RB_Left	20.36	/	/	14.96	/	/	<=38.45	Pass
		Edge_1RB_Right	20.35	/	/	14.95	/	/	<=38.45	Pass
		Outer_Full	20.45	/	/	15.05	/	/	<=38.45	Pass
		Inner_Full	21.82	/	/	16.42	/	/	<=38.45	Pass
		Inner_1RB_Left	21.76	/	/	16.36	/	/	<=38.45	Pass
		Inner_1RB_Right	21.55	/	/	16.16	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	20.12	/	/	14.72	/	/	<=38.45	Pass
		Edge_1RB_Right	20.48	/	/	15.08	/	/	<=38.45	Pass
		Outer_Full	20.33	/	/	14.93	/	/	<=38.45	Pass
		Inner_Full	21.78	/	/	16.38	/	/	<=38.45	Pass
		Inner_1RB_Left	21.47	/	/	16.07	/	/	<=38.45	Pass
		Inner_1RB_Right	21.75	/	/	16.35	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	20.38	/	/	14.98	/	/	<=38.45	Pass
		Edge_1RB_Right	20.34	/	/	14.94	/	/	<=38.45	Pass
		Outer_Full	20.54	/	/	15.14	/	/	<=38.45	Pass
		Inner_Full	21.88	/	/	16.48	/	/	<=38.45	Pass
		Inner_1RB_Left	21.67	/	/	16.27	/	/	<=38.45	Pass
		Inner_1RB_Right	21.69	/	/	16.29	/	/	<=38.45	Pass

CP-OFDM 16 QAM	826.5	Edge_1RB_Left	20.25	/	/	14.85	/	/	<=38.45	Pass
		Edge_1RB_Right	20.25	/	/	14.85	/	/	<=38.45	Pass
		Outer_Full	20.49	/	/	15.09	/	/	<=38.45	Pass
		Inner_Full	21.45	/	/	16.05	/	/	<=38.45	Pass
		Inner_1RB_Left	21.26	/	/	15.86	/	/	<=38.45	Pass
		Inner_1RB_Right	21.29	/	/	15.89	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	20.04	/	/	14.64	/	/	<=38.45	Pass
		Edge_1RB_Right	20.19	/	/	14.79	/	/	<=38.45	Pass
		Outer_Full	20.33	/	/	14.93	/	/	<=38.45	Pass
		Inner_Full	21.40	/	/	16.00	/	/	<=38.45	Pass
		Inner_1RB_Left	21.10	/	/	15.70	/	/	<=38.45	Pass
		Inner_1RB_Right	21.19	/	/	15.79	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	20.63	/	/	15.23	/	/	<=38.45	Pass
		Edge_1RB_Right	20.40	/	/	15.00	/	/	<=38.45	Pass
		Outer_Full	20.58	/	/	15.18	/	/	<=38.45	Pass
		Inner_Full	21.52	/	/	16.12	/	/	<=38.45	Pass
		Inner_1RB_Left	21.32	/	/	15.92	/	/	<=38.45	Pass
		Inner_1RB_Right	21.63	/	/	16.23	/	/	<=38.45	Pass
CP-OFDM 64 QAM	826.5	Edge_1RB_Left	20.07	/	/	14.67	/	/	<=38.45	Pass
		Edge_1RB_Right	20.18	/	/	14.78	/	/	<=38.45	Pass
		Outer_Full	19.99	/	/	14.59	/	/	<=38.45	Pass
		Inner_Full	19.88	/	/	14.48	/	/	<=38.45	Pass
		Inner_1RB_Left	20.11	/	/	14.71	/	/	<=38.45	Pass
		Inner_1RB_Right	20.23	/	/	14.83	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	19.93	/	/	14.53	/	/	<=38.45	Pass
		Edge_1RB_Right	20.10	/	/	14.70	/	/	<=38.45	Pass
		Outer_Full	19.81	/	/	14.41	/	/	<=38.45	Pass
		Inner_Full	19.78	/	/	14.38	/	/	<=38.45	Pass
		Inner_1RB_Left	20.12	/	/	14.72	/	/	<=38.45	Pass
		Inner_1RB_Right	20.17	/	/	14.77	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	20.18	/	/	14.78	/	/	<=38.45	Pass
		Edge_1RB_Right	20.17	/	/	14.77	/	/	<=38.45	Pass
		Outer_Full	20.05	/	/	14.65	/	/	<=38.45	Pass
		Inner_Full	19.96	/	/	14.56	/	/	<=38.45	Pass
		Inner_1RB_Left	20.22	/	/	14.82	/	/	<=38.45	Pass
		Inner_1RB_Right	20.26	/	/	14.86	/	/	<=38.45	Pass
CP-OFDM 256 QAM	826.5	Edge_1RB_Left	16.90	/	/	11.50	/	/	<=38.45	Pass
		Edge_1RB_Right	16.89	/	/	11.49	/	/	<=38.45	Pass
		Outer_Full	16.87	/	/	11.47	/	/	<=38.45	Pass
		Inner_Full	16.79	/	/	11.39	/	/	<=38.45	Pass
		Inner_1RB_Left	16.97	/	/	11.57	/	/	<=38.45	Pass
		Inner_1RB_Right	16.94	/	/	11.54	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	16.77	/	/	11.37	/	/	<=38.45	Pass
		Edge_1RB_Right	16.88	/	/	11.48	/	/	<=38.45	Pass
		Outer_Full	16.78	/	/	11.38	/	/	<=38.45	Pass
		Inner_Full	16.70	/	/	11.30	/	/	<=38.45	Pass
		Inner_1RB_Left	16.80	/	/	11.40	/	/	<=38.45	Pass
		Inner_1RB_Right	16.91	/	/	11.51	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	16.97	/	/	11.57	/	/	<=38.45	Pass
		Edge_1RB_Right	16.94	/	/	11.54	/	/	<=38.45	Pass
		Outer_Full	16.97	/	/	11.57	/	/	<=38.45	Pass
		Inner_Full	16.89	/	/	11.49	/	/	<=38.45	Pass
		Inner_1RB_Left	17.00	/	/	11.60	/	/	<=38.45	Pass
		Inner_1RB_Right	16.96	/	/	11.56	/	/	<=38.45	Pass
Note1: Antenna Gain: Ant2: -3.25dBi; 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	22.90	/	/	17.50	/	/	<=38.45	Pass
		Edge_1RB_Right	22.87	/	/	17.47	/	/	<=38.45	Pass
		Outer_Full	22.82	/	/	17.42	/	/	<=38.45	Pass
		Inner_Full	23.28	/	/	17.88	/	/	<=38.45	Pass
		Inner_1RB_Left	23.41	/	/	18.01	/	/	<=38.45	Pass
		Inner_1RB_Right	23.40	/	/	18.00	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	22.86	/	/	17.46	/	/	<=38.45	Pass
		Edge_1RB_Right	22.84	/	/	17.44	/	/	<=38.45	Pass
		Outer_Full	22.81	/	/	17.41	/	/	<=38.45	Pass
		Inner_Full	23.26	/	/	17.86	/	/	<=38.45	Pass
		Inner_1RB_Left	23.35	/	/	17.95	/	/	<=38.45	Pass
		Inner_1RB_Right	23.41	/	/	18.01	/	/	<=38.45	Pass
	844	Edge_1RB_Left	22.89	/	/	17.50	/	/	<=38.45	Pass
		Edge_1RB_Right	22.92	/	/	17.52	/	/	<=38.45	Pass
		Outer_Full	22.81	/	/	17.41	/	/	<=38.45	Pass
		Inner_Full	23.28	/	/	17.88	/	/	<=38.45	Pass
		Inner_1RB_Left	23.44	/	/	18.04	/	/	<=38.45	Pass
		Inner_1RB_Right	23.44	/	/	18.04	/	/	<=38.45	Pass
DFT-s-OFDM QPSK	829	Edge_1RB_Left	22.51	/	/	17.11	/	/	<=38.45	Pass
		Edge_1RB_Right	22.56	/	/	17.16	/	/	<=38.45	Pass
		Outer_Full	22.36	/	/	16.96	/	/	<=38.45	Pass
		Inner_Full	23.31	/	/	17.91	/	/	<=38.45	Pass
		Inner_1RB_Left	23.54	/	/	18.14	/	/	<=38.45	Pass
		Inner_1RB_Right	23.78	/	/	18.38	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	22.62	/	/	17.22	/	/	<=38.45	Pass
		Edge_1RB_Right	22.48	/	/	17.08	/	/	<=38.45	Pass
		Outer_Full	22.71	/	/	17.31	/	/	<=38.45	Pass
		Inner_Full	23.31	/	/	17.91	/	/	<=38.45	Pass
		Inner_1RB_Left	23.74	/	/	18.34	/	/	<=38.45	Pass
		Inner_1RB_Right	23.60	/	/	18.20	/	/	<=38.45	Pass
	844	Edge_1RB_Left	22.51	/	/	17.11	/	/	<=38.45	Pass
		Edge_1RB_Right	22.55	/	/	17.15	/	/	<=38.45	Pass
		Outer_Full	22.37	/	/	16.97	/	/	<=38.45	Pass
		Inner_Full	23.32	/	/	17.93	/	/	<=38.45	Pass
		Inner_1RB_Left	23.64	/	/	18.24	/	/	<=38.45	Pass
		Inner_1RB_Right	23.80	/	/	18.40	/	/	<=38.45	Pass
DFT-s-OFDM 16 QAM	829	Edge_1RB_Left	21.37	/	/	15.97	/	/	<=38.45	Pass
		Edge_1RB_Right	21.33	/	/	15.93	/	/	<=38.45	Pass
		Outer_Full	21.49	/	/	16.09	/	/	<=38.45	Pass
		Inner_Full	22.36	/	/	16.96	/	/	<=38.45	Pass
		Inner_1RB_Left	22.36	/	/	16.96	/	/	<=38.45	Pass
		Inner_1RB_Right	22.54	/	/	17.14	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.33	/	/	15.93	/	/	<=38.45	Pass
		Edge_1RB_Right	21.33	/	/	15.93	/	/	<=38.45	Pass
		Outer_Full	21.49	/	/	16.09	/	/	<=38.45	Pass
		Inner_Full	22.33	/	/	16.93	/	/	<=38.45	Pass
		Inner_1RB_Left	22.29	/	/	16.89	/	/	<=38.45	Pass
		Inner_1RB_Right	22.16	/	/	16.76	/	/	<=38.45	Pass
	844	Edge_1RB_Left	21.47	/	/	16.07	/	/	<=38.45	Pass
		Edge_1RB_Right	21.33	/	/	15.93	/	/	<=38.45	Pass
		Outer_Full	21.51	/	/	16.11	/	/	<=38.45	Pass
		Inner_Full	22.34	/	/	16.94	/	/	<=38.45	Pass
		Inner_1RB_Left	22.37	/	/	16.97	/	/	<=38.45	Pass
		Inner_1RB_Right	22.31	/	/	16.91	/	/	<=38.45	Pass
DFT-s-OFDM 64 QAM	829	Edge_1RB_Left	21.20	/	/	15.80	/	/	<=38.45	Pass
		Edge_1RB_Right	21.13	/	/	15.73	/	/	<=38.45	Pass

		Outer_Full	20.95	/	/	15.55	/	/	<=38.45	Pass
		Inner_Full	20.98	/	/	15.58	/	/	<=38.45	Pass
		Inner_1RB_Left	21.18	/	/	15.78	/	/	<=38.45	Pass
		Inner_1RB_Right	21.14	/	/	15.74	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.15	/	/	15.75	/	/	<=38.45	Pass
		Edge_1RB_Right	21.18	/	/	15.78	/	/	<=38.45	Pass
		Outer_Full	20.95	/	/	15.55	/	/	<=38.45	Pass
		Inner_Full	20.84	/	/	15.44	/	/	<=38.45	Pass
	844	Inner_1RB_Left	21.13	/	/	15.73	/	/	<=38.45	Pass
		Inner_1RB_Right	21.02	/	/	15.62	/	/	<=38.45	Pass
		Edge_1RB_Left	21.19	/	/	15.79	/	/	<=38.45	Pass
		Edge_1RB_Right	21.12	/	/	15.72	/	/	<=38.45	Pass
		Outer_Full	21.00	/	/	15.60	/	/	<=38.45	Pass
		Inner_Full	21.07	/	/	15.67	/	/	<=38.45	Pass
		Inner_1RB_Left	21.26	/	/	15.86	/	/	<=38.45	Pass
		Inner_1RB_Right	21.18	/	/	15.78	/	/	<=38.45	Pass
DFT-s-OFDM 256 QAM	829	Edge_1RB_Left	19.02	/	/	13.62	/	/	<=38.45	Pass
		Edge_1RB_Right	19.00	/	/	13.60	/	/	<=38.45	Pass
		Outer_Full	18.93	/	/	13.53	/	/	<=38.45	Pass
		Inner_Full	18.81	/	/	13.41	/	/	<=38.45	Pass
		Inner_1RB_Left	19.03	/	/	13.63	/	/	<=38.45	Pass
		Inner_1RB_Right	18.99	/	/	13.59	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	19.01	/	/	13.61	/	/	<=38.45	Pass
		Edge_1RB_Right	18.97	/	/	13.57	/	/	<=38.45	Pass
		Outer_Full	18.97	/	/	13.57	/	/	<=38.45	Pass
		Inner_Full	18.67	/	/	13.27	/	/	<=38.45	Pass
		Inner_1RB_Left	19.03	/	/	13.63	/	/	<=38.45	Pass
		Inner_1RB_Right	18.84	/	/	13.44	/	/	<=38.45	Pass
	844	Edge_1RB_Left	19.06	/	/	13.66	/	/	<=38.45	Pass
		Edge_1RB_Right	19.06	/	/	13.66	/	/	<=38.45	Pass
		Outer_Full	19.00	/	/	13.60	/	/	<=38.45	Pass
		Inner_Full	18.88	/	/	13.48	/	/	<=38.45	Pass
CP-OFDM QPSK	829	Inner_1RB_Left	19.09	/	/	13.69	/	/	<=38.45	Pass
		Inner_1RB_Right	19.08	/	/	13.68	/	/	<=38.45	Pass
		Edge_1RB_Left	20.49	/	/	15.09	/	/	<=38.45	Pass
		Edge_1RB_Right	20.38	/	/	14.98	/	/	<=38.45	Pass
		Outer_Full	20.51	/	/	15.11	/	/	<=38.45	Pass
		Inner_Full	21.86	/	/	16.46	/	/	<=38.45	Pass
		Inner_1RB_Left	21.88	/	/	16.48	/	/	<=38.45	Pass
		Inner_1RB_Right	21.53	/	/	16.13	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	20.30	/	/	14.90	/	/	<=38.45	Pass
		Edge_1RB_Right	20.38	/	/	14.98	/	/	<=38.45	Pass
		Outer_Full	20.41	/	/	15.01	/	/	<=38.45	Pass
		Inner_Full	21.90	/	/	16.50	/	/	<=38.45	Pass
		Inner_1RB_Left	21.49	/	/	16.09	/	/	<=38.45	Pass
		Inner_1RB_Right	21.90	/	/	16.50	/	/	<=38.45	Pass
	844	Edge_1RB_Left	20.46	/	/	15.06	/	/	<=38.45	Pass
		Edge_1RB_Right	20.45	/	/	15.05	/	/	<=38.45	Pass
Outer_Full		20.52	/	/	15.12	/	/	<=38.45	Pass	
Inner_Full		21.87	/	/	16.47	/	/	<=38.45	Pass	
CP-OFDM 16 QAM	829	Inner_1RB_Left	21.86	/	/	16.46	/	/	<=38.45	Pass
		Inner_1RB_Right	21.66	/	/	16.26	/	/	<=38.45	Pass
		Edge_1RB_Left	20.35	/	/	14.95	/	/	<=38.45	Pass
		Edge_1RB_Right	20.34	/	/	14.94	/	/	<=38.45	Pass
		Outer_Full	20.46	/	/	15.06	/	/	<=38.45	Pass
		Inner_Full	21.35	/	/	15.95	/	/	<=38.45	Pass
	836.5	Inner_1RB_Left	21.32	/	/	15.92	/	/	<=38.45	Pass
		Inner_1RB_Right	21.13	/	/	15.73	/	/	<=38.45	Pass
		Edge_1RB_Left	20.16	/	/	14.76	/	/	<=38.45	Pass

		Edge_1RB_Right	20.17	/	/	14.77	/	/	<=38.45	Pass
		Outer_Full	20.34	/	/	14.94	/	/	<=38.45	Pass
		Inner_Full	21.24	/	/	15.84	/	/	<=38.45	Pass
		Inner_1RB_Left	21.20	/	/	15.80	/	/	<=38.45	Pass
		Inner_1RB_Right	21.06	/	/	15.66	/	/	<=38.45	Pass
	844	Edge_1RB_Left	20.34	/	/	14.94	/	/	<=38.45	Pass
		Edge_1RB_Right	20.29	/	/	14.89	/	/	<=38.45	Pass
		Outer_Full	20.50	/	/	15.10	/	/	<=38.45	Pass
		Inner_Full	21.43	/	/	16.03	/	/	<=38.45	Pass
		Inner_1RB_Left	21.40	/	/	16.00	/	/	<=38.45	Pass
	Inner_1RB_Right	21.23	/	/	15.83	/	/	<=38.45	Pass	
CP-OFDM 64 QAM	829	Edge_1RB_Left	20.17	/	/	14.77	/	/	<=38.45	Pass
		Edge_1RB_Right	20.26	/	/	14.86	/	/	<=38.45	Pass
		Outer_Full	19.92	/	/	14.52	/	/	<=38.45	Pass
		Inner_Full	19.89	/	/	14.49	/	/	<=38.45	Pass
		Inner_1RB_Left	20.22	/	/	14.82	/	/	<=38.45	Pass
		Inner_1RB_Right	20.21	/	/	14.81	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	20.02	/	/	14.62	/	/	<=38.45	Pass
		Edge_1RB_Right	20.08	/	/	14.68	/	/	<=38.45	Pass
		Outer_Full	19.95	/	/	14.55	/	/	<=38.45	Pass
		Inner_Full	19.77	/	/	14.37	/	/	<=38.45	Pass
		Inner_1RB_Left	20.14	/	/	14.74	/	/	<=38.45	Pass
		Inner_1RB_Right	20.18	/	/	14.78	/	/	<=38.45	Pass
	844	Edge_1RB_Left	20.24	/	/	14.84	/	/	<=38.45	Pass
		Edge_1RB_Right	20.22	/	/	14.82	/	/	<=38.45	Pass
		Outer_Full	19.97	/	/	14.57	/	/	<=38.45	Pass
		Inner_Full	19.93	/	/	14.53	/	/	<=38.45	Pass
		Inner_1RB_Left	20.26	/	/	14.86	/	/	<=38.45	Pass
		Inner_1RB_Right	20.23	/	/	14.83	/	/	<=38.45	Pass
CP-OFDM 256 QAM	829	Edge_1RB_Left	16.99	/	/	11.59	/	/	<=38.45	Pass
		Edge_1RB_Right	16.97	/	/	11.57	/	/	<=38.45	Pass
		Outer_Full	16.95	/	/	11.55	/	/	<=38.45	Pass
		Inner_Full	16.74	/	/	11.34	/	/	<=38.45	Pass
		Inner_1RB_Left	17.08	/	/	11.68	/	/	<=38.45	Pass
		Inner_1RB_Right	16.96	/	/	11.56	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	16.99	/	/	11.59	/	/	<=38.45	Pass
		Edge_1RB_Right	16.93	/	/	11.53	/	/	<=38.45	Pass
		Outer_Full	16.87	/	/	11.47	/	/	<=38.45	Pass
		Inner_Full	16.76	/	/	11.36	/	/	<=38.45	Pass
		Inner_1RB_Left	16.96	/	/	11.56	/	/	<=38.45	Pass
		Inner_1RB_Right	16.76	/	/	11.36	/	/	<=38.45	Pass
	844	Edge_1RB_Left	17.01	/	/	11.61	/	/	<=38.45	Pass
		Edge_1RB_Right	16.96	/	/	11.56	/	/	<=38.45	Pass
		Outer_Full	16.97	/	/	11.57	/	/	<=38.45	Pass
		Inner_Full	16.84	/	/	11.44	/	/	<=38.45	Pass
		Inner_1RB_Left	17.09	/	/	11.69	/	/	<=38.45	Pass
		Inner_1RB_Right	17.05	/	/	11.66	/	/	<=38.45	Pass
Note1: Antenna Gain: Ant2: -3.25dBi; Note2: ERP=Conducted Power+Antenna Gain-2.15										

1.1.3 15_S_15M_NTNV_ERP

5G NR n5 SCS=15kHz SISO 15MHz 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	831.5	Edge_1RB_Left	22.79	/	/	17.39	/	/	<=38.45	Pass
		Edge_1RB_Right	22.69	/	/	17.29	/	/	<=38.45	Pass
		Outer_Full	22.86	/	/	17.46	/	/	<=38.45	Pass

		Inner_Full	23.33	/	/	17.93	/	/	<=38.45	Pass
		Inner_1RB_Left	23.29	/	/	17.89	/	/	<=38.45	Pass
		Inner_1RB_Right	23.25	/	/	17.85	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	22.64	/	/	17.24	/	/	<=38.45	Pass
		Edge_1RB_Right	22.65	/	/	17.25	/	/	<=38.45	Pass
		Outer_Full	22.87	/	/	17.47	/	/	<=38.45	Pass
		Inner_Full	23.32	/	/	17.92	/	/	<=38.45	Pass
		Inner_1RB_Left	23.22	/	/	17.82	/	/	<=38.45	Pass
		Inner_1RB_Right	23.20	/	/	17.80	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	22.66	/	/	17.26	/	/	<=38.45	Pass
		Edge_1RB_Right	22.74	/	/	17.34	/	/	<=38.45	Pass
		Outer_Full	22.86	/	/	17.46	/	/	<=38.45	Pass
		Inner_Full	23.37	/	/	17.97	/	/	<=38.45	Pass
		Inner_1RB_Left	23.24	/	/	17.84	/	/	<=38.45	Pass
		Inner_1RB_Right	23.22	/	/	17.82	/	/	<=38.45	Pass
DFT-s-OFDM QPSK	831.5	Edge_1RB_Left	22.39	/	/	16.99	/	/	<=38.45	Pass
		Edge_1RB_Right	22.37	/	/	16.97	/	/	<=38.45	Pass
		Outer_Full	22.44	/	/	17.04	/	/	<=38.45	Pass
		Inner_Full	23.36	/	/	17.96	/	/	<=38.45	Pass
		Inner_1RB_Left	23.53	/	/	18.13	/	/	<=38.45	Pass
		Inner_1RB_Right	23.51	/	/	18.11	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	22.34	/	/	16.94	/	/	<=38.45	Pass
		Edge_1RB_Right	22.28	/	/	16.88	/	/	<=38.45	Pass
		Outer_Full	22.28	/	/	16.88	/	/	<=38.45	Pass
		Inner_Full	23.37	/	/	17.97	/	/	<=38.45	Pass
		Inner_1RB_Left	23.54	/	/	18.14	/	/	<=38.45	Pass
		Inner_1RB_Right	23.29	/	/	17.89	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	22.25	/	/	16.85	/	/	<=38.45	Pass
		Edge_1RB_Right	22.43	/	/	17.03	/	/	<=38.45	Pass
		Outer_Full	22.44	/	/	17.04	/	/	<=38.45	Pass
		Inner_Full	23.44	/	/	18.04	/	/	<=38.45	Pass
		Inner_1RB_Left	23.56	/	/	18.16	/	/	<=38.45	Pass
		Inner_1RB_Right	23.58	/	/	18.18	/	/	<=38.45	Pass
DFT-s-OFDM 16 QAM	831.5	Edge_1RB_Left	21.22	/	/	15.82	/	/	<=38.45	Pass
		Edge_1RB_Right	21.28	/	/	15.88	/	/	<=38.45	Pass
		Outer_Full	21.50	/	/	16.10	/	/	<=38.45	Pass
		Inner_Full	22.41	/	/	17.01	/	/	<=38.45	Pass
		Inner_1RB_Left	22.24	/	/	16.84	/	/	<=38.45	Pass
		Inner_1RB_Right	22.17	/	/	16.77	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.27	/	/	15.87	/	/	<=38.45	Pass
		Edge_1RB_Right	21.23	/	/	15.83	/	/	<=38.45	Pass
		Outer_Full	21.54	/	/	16.14	/	/	<=38.45	Pass
		Inner_Full	22.39	/	/	16.99	/	/	<=38.45	Pass
		Inner_1RB_Left	22.36	/	/	16.96	/	/	<=38.45	Pass
		Inner_1RB_Right	22.15	/	/	16.75	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	21.29	/	/	15.89	/	/	<=38.45	Pass
		Edge_1RB_Right	21.16	/	/	15.76	/	/	<=38.45	Pass
		Outer_Full	21.50	/	/	16.10	/	/	<=38.45	Pass
		Inner_Full	22.44	/	/	17.04	/	/	<=38.45	Pass
		Inner_1RB_Left	22.39	/	/	16.99	/	/	<=38.45	Pass
		Inner_1RB_Right	22.24	/	/	16.84	/	/	<=38.45	Pass
DFT-s-OFDM 64 QAM	831.5	Edge_1RB_Left	21.05	/	/	15.65	/	/	<=38.45	Pass
		Edge_1RB_Right	20.98	/	/	15.58	/	/	<=38.45	Pass
		Outer_Full	21.04	/	/	15.64	/	/	<=38.45	Pass
		Inner_Full	21.00	/	/	15.60	/	/	<=38.45	Pass
		Inner_1RB_Left	21.03	/	/	15.63	/	/	<=38.45	Pass
		Inner_1RB_Right	21.11	/	/	15.71	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	20.99	/	/	15.59	/	/	<=38.45	Pass
		Edge_1RB_Right	21.04	/	/	15.64	/	/	<=38.45	Pass

		Outer_Full	21.02	/	/	15.62	/	/	<=38.45	Pass
		Inner_Full	20.86	/	/	15.46	/	/	<=38.45	Pass
		Inner_1RB_Left	21.06	/	/	15.66	/	/	<=38.45	Pass
		Inner_1RB_Right	21.09	/	/	15.69	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	21.02	/	/	15.62	/	/	<=38.45	Pass
		Edge_1RB_Right	20.94	/	/	15.54	/	/	<=38.45	Pass
		Outer_Full	21.04	/	/	15.64	/	/	<=38.45	Pass
		Inner_Full	21.04	/	/	15.64	/	/	<=38.45	Pass
		Inner_1RB_Left	21.07	/	/	15.67	/	/	<=38.45	Pass
		Inner_1RB_Right	21.02	/	/	15.62	/	/	<=38.45	Pass
DFT-s-OFDM 256 QAM	831.5	Edge_1RB_Left	18.85	/	/	13.45	/	/	<=38.45	Pass
		Edge_1RB_Right	18.82	/	/	13.42	/	/	<=38.45	Pass
		Outer_Full	19.01	/	/	13.61	/	/	<=38.45	Pass
		Inner_Full	18.97	/	/	13.57	/	/	<=38.45	Pass
		Inner_1RB_Left	18.90	/	/	13.50	/	/	<=38.45	Pass
		Inner_1RB_Right	18.86	/	/	13.46	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	18.84	/	/	13.44	/	/	<=38.45	Pass
		Edge_1RB_Right	18.86	/	/	13.46	/	/	<=38.45	Pass
		Outer_Full	18.89	/	/	13.49	/	/	<=38.45	Pass
		Inner_Full	18.82	/	/	13.42	/	/	<=38.45	Pass
		Inner_1RB_Left	18.86	/	/	13.46	/	/	<=38.45	Pass
		Inner_1RB_Right	18.87	/	/	13.47	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	18.91	/	/	13.51	/	/	<=38.45	Pass
		Edge_1RB_Right	18.86	/	/	13.46	/	/	<=38.45	Pass
		Outer_Full	18.98	/	/	13.58	/	/	<=38.45	Pass
		Inner_Full	18.92	/	/	13.52	/	/	<=38.45	Pass
		Inner_1RB_Left	18.95	/	/	13.55	/	/	<=38.45	Pass
		Inner_1RB_Right	18.89	/	/	13.50	/	/	<=38.45	Pass
CP-OFDM QPSK	831.5	Edge_1RB_Left	20.36	/	/	14.96	/	/	<=38.45	Pass
		Edge_1RB_Right	20.37	/	/	14.97	/	/	<=38.45	Pass
		Outer_Full	20.50	/	/	15.10	/	/	<=38.45	Pass
		Inner_Full	21.86	/	/	16.46	/	/	<=38.45	Pass
		Inner_1RB_Left	21.74	/	/	16.34	/	/	<=38.45	Pass
		Inner_1RB_Right	21.67	/	/	16.27	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	20.18	/	/	14.78	/	/	<=38.45	Pass
		Edge_1RB_Right	20.26	/	/	14.86	/	/	<=38.45	Pass
		Outer_Full	20.36	/	/	14.96	/	/	<=38.45	Pass
		Inner_Full	21.71	/	/	16.31	/	/	<=38.45	Pass
		Inner_1RB_Left	21.42	/	/	16.02	/	/	<=38.45	Pass
		Inner_1RB_Right	21.57	/	/	16.17	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	20.20	/	/	14.80	/	/	<=38.45	Pass
		Edge_1RB_Right	20.18	/	/	14.78	/	/	<=38.45	Pass
		Outer_Full	20.46	/	/	15.06	/	/	<=38.45	Pass
		Inner_Full	21.84	/	/	16.44	/	/	<=38.45	Pass
		Inner_1RB_Left	21.57	/	/	16.17	/	/	<=38.45	Pass
		Inner_1RB_Right	21.65	/	/	16.25	/	/	<=38.45	Pass
CP-OFDM 16 QAM	831.5	Edge_1RB_Left	20.20	/	/	14.80	/	/	<=38.45	Pass
		Edge_1RB_Right	20.19	/	/	14.79	/	/	<=38.45	Pass
		Outer_Full	20.49	/	/	15.09	/	/	<=38.45	Pass
		Inner_Full	21.46	/	/	16.06	/	/	<=38.45	Pass
		Inner_1RB_Left	21.59	/	/	16.19	/	/	<=38.45	Pass
		Inner_1RB_Right	21.57	/	/	16.17	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	20.14	/	/	14.74	/	/	<=38.45	Pass
		Edge_1RB_Right	20.09	/	/	14.69	/	/	<=38.45	Pass
		Outer_Full	20.43	/	/	15.03	/	/	<=38.45	Pass
		Inner_Full	21.32	/	/	15.92	/	/	<=38.45	Pass
		Inner_1RB_Left	20.99	/	/	15.59	/	/	<=38.45	Pass
		Inner_1RB_Right	21.10	/	/	15.70	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	20.11	/	/	14.71	/	/	<=38.45	Pass

		Edge_1RB_Right	20.11	/	/	14.71	/	/	<=38.45	Pass
		Outer_Full	20.48	/	/	15.08	/	/	<=38.45	Pass
		Inner_Full	21.49	/	/	16.09	/	/	<=38.45	Pass
		Inner_1RB_Left	21.32	/	/	15.92	/	/	<=38.45	Pass
		Inner_1RB_Right	21.50	/	/	16.10	/	/	<=38.45	Pass
CP-OFDM 64 QAM	831.5	Edge_1RB_Left	20.01	/	/	14.61	/	/	<=38.45	Pass
		Edge_1RB_Right	20.05	/	/	14.65	/	/	<=38.45	Pass
		Outer_Full	19.98	/	/	14.58	/	/	<=38.45	Pass
		Inner_Full	19.98	/	/	14.58	/	/	<=38.45	Pass
		Inner_1RB_Left	20.08	/	/	14.68	/	/	<=38.45	Pass
		Inner_1RB_Right	20.08	/	/	14.68	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	19.96	/	/	14.56	/	/	<=38.45	Pass
		Edge_1RB_Right	19.68	/	/	14.28	/	/	<=38.45	Pass
		Outer_Full	19.77	/	/	14.37	/	/	<=38.45	Pass
		Inner_Full	19.83	/	/	14.43	/	/	<=38.45	Pass
		Inner_1RB_Left	20.00	/	/	14.60	/	/	<=38.45	Pass
		Inner_1RB_Right	19.97	/	/	14.57	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	20.18	/	/	14.78	/	/	<=38.45	Pass
		Edge_1RB_Right	20.07	/	/	14.67	/	/	<=38.45	Pass
		Outer_Full	19.98	/	/	14.58	/	/	<=38.45	Pass
		Inner_Full	20.00	/	/	14.60	/	/	<=38.45	Pass
		Inner_1RB_Left	20.19	/	/	14.79	/	/	<=38.45	Pass
		Inner_1RB_Right	20.13	/	/	14.73	/	/	<=38.45	Pass
CP-OFDM 256 QAM	831.5	Edge_1RB_Left	16.82	/	/	11.42	/	/	<=38.45	Pass
		Edge_1RB_Right	16.82	/	/	11.42	/	/	<=38.45	Pass
		Outer_Full	16.94	/	/	11.54	/	/	<=38.45	Pass
		Inner_Full	16.92	/	/	11.52	/	/	<=38.45	Pass
		Inner_1RB_Left	16.90	/	/	11.50	/	/	<=38.45	Pass
		Inner_1RB_Right	16.89	/	/	11.49	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	16.74	/	/	11.34	/	/	<=38.45	Pass
		Edge_1RB_Right	16.73	/	/	11.33	/	/	<=38.45	Pass
		Outer_Full	16.88	/	/	11.48	/	/	<=38.45	Pass
		Inner_Full	16.82	/	/	11.42	/	/	<=38.45	Pass
		Inner_1RB_Left	16.77	/	/	11.37	/	/	<=38.45	Pass
		Inner_1RB_Right	16.82	/	/	11.42	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	16.82	/	/	11.42	/	/	<=38.45	Pass
		Edge_1RB_Right	16.76	/	/	11.36	/	/	<=38.45	Pass
		Outer_Full	16.98	/	/	11.58	/	/	<=38.45	Pass
		Inner_Full	16.97	/	/	11.57	/	/	<=38.45	Pass
		Inner_1RB_Left	16.86	/	/	11.46	/	/	<=38.45	Pass
		Inner_1RB_Right	16.85	/	/	11.45	/	/	<=38.45	Pass
Note1: Antenna Gain: Ant2: -3.25dBi;										
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	22.77	/	/	17.37	/	/	<=38.45	Pass
		Edge_1RB_Right	22.78	/	/	17.38	/	/	<=38.45	Pass
		Outer_Full	22.86	/	/	17.46	/	/	<=38.45	Pass
		Inner_Full	23.37	/	/	17.97	/	/	<=38.45	Pass
		Inner_1RB_Left	23.27	/	/	17.87	/	/	<=38.45	Pass
		Inner_1RB_Right	23.23	/	/	17.83	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	22.79	/	/	17.39	/	/	<=38.45	Pass
		Edge_1RB_Right	22.68	/	/	17.28	/	/	<=38.45	Pass
		Outer_Full	22.86	/	/	17.46	/	/	<=38.45	Pass

		Inner_Full	23.40	/	/	18.00	/	/	<=38.45	Pass
		Inner_1RB_Left	23.27	/	/	17.87	/	/	<=38.45	Pass
		Inner_1RB_Right	23.26	/	/	17.86	/	/	<=38.45	Pass
	839	Edge_1RB_Left	22.68	/	/	17.28	/	/	<=38.45	Pass
		Edge_1RB_Right	22.78	/	/	17.38	/	/	<=38.45	Pass
		Outer_Full	22.87	/	/	17.47	/	/	<=38.45	Pass
		Inner_Full	23.39	/	/	17.99	/	/	<=38.45	Pass
		Inner_1RB_Left	23.25	/	/	17.85	/	/	<=38.45	Pass
		Inner_1RB_Right	23.25	/	/	17.85	/	/	<=38.45	Pass
DFT-s-OFDM QPSK	834	Edge_1RB_Left	22.40	/	/	17.00	/	/	<=38.45	Pass
		Edge_1RB_Right	22.21	/	/	16.81	/	/	<=38.45	Pass
		Outer_Full	22.42	/	/	17.02	/	/	<=38.45	Pass
		Inner_Full	23.50	/	/	18.10	/	/	<=38.45	Pass
		Inner_1RB_Left	23.53	/	/	18.13	/	/	<=38.45	Pass
		Inner_1RB_Right	23.46	/	/	18.06	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	22.45	/	/	17.05	/	/	<=38.45	Pass
		Edge_1RB_Right	22.46	/	/	17.06	/	/	<=38.45	Pass
		Outer_Full	22.42	/	/	17.02	/	/	<=38.45	Pass
		Inner_Full	23.45	/	/	18.05	/	/	<=38.45	Pass
		Inner_1RB_Left	23.53	/	/	18.13	/	/	<=38.45	Pass
		Inner_1RB_Right	23.57	/	/	18.17	/	/	<=38.45	Pass
	839	Edge_1RB_Left	22.45	/	/	17.05	/	/	<=38.45	Pass
		Edge_1RB_Right	22.45	/	/	17.05	/	/	<=38.45	Pass
		Outer_Full	22.39	/	/	16.99	/	/	<=38.45	Pass
		Inner_Full	23.48	/	/	18.08	/	/	<=38.45	Pass
		Inner_1RB_Left	23.52	/	/	18.12	/	/	<=38.45	Pass
		Inner_1RB_Right	23.57	/	/	18.17	/	/	<=38.45	Pass
DFT-s-OFDM 16 QAM	834	Edge_1RB_Left	21.25	/	/	15.85	/	/	<=38.45	Pass
		Edge_1RB_Right	21.25	/	/	15.85	/	/	<=38.45	Pass
		Outer_Full	21.55	/	/	16.15	/	/	<=38.45	Pass
		Inner_Full	22.54	/	/	17.14	/	/	<=38.45	Pass
		Inner_1RB_Left	22.46	/	/	17.06	/	/	<=38.45	Pass
		Inner_1RB_Right	22.19	/	/	16.79	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.20	/	/	15.80	/	/	<=38.45	Pass
		Edge_1RB_Right	21.28	/	/	15.88	/	/	<=38.45	Pass
		Outer_Full	21.53	/	/	16.13	/	/	<=38.45	Pass
		Inner_Full	22.48	/	/	17.08	/	/	<=38.45	Pass
		Inner_1RB_Left	22.19	/	/	16.79	/	/	<=38.45	Pass
		Inner_1RB_Right	22.19	/	/	16.79	/	/	<=38.45	Pass
	839	Edge_1RB_Left	21.29	/	/	15.89	/	/	<=38.45	Pass
		Edge_1RB_Right	21.20	/	/	15.80	/	/	<=38.45	Pass
		Outer_Full	21.51	/	/	16.11	/	/	<=38.45	Pass
		Inner_Full	22.45	/	/	17.05	/	/	<=38.45	Pass
		Inner_1RB_Left	22.17	/	/	16.77	/	/	<=38.45	Pass
		Inner_1RB_Right	22.20	/	/	16.80	/	/	<=38.45	Pass
DFT-s-OFDM 64 QAM	834	Edge_1RB_Left	21.09	/	/	15.69	/	/	<=38.45	Pass
		Edge_1RB_Right	21.05	/	/	15.65	/	/	<=38.45	Pass
		Outer_Full	21.01	/	/	15.61	/	/	<=38.45	Pass
		Inner_Full	21.00	/	/	15.60	/	/	<=38.45	Pass
		Inner_1RB_Left	21.06	/	/	15.66	/	/	<=38.45	Pass
		Inner_1RB_Right	21.09	/	/	15.69	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	20.97	/	/	15.57	/	/	<=38.45	Pass
		Edge_1RB_Right	21.06	/	/	15.66	/	/	<=38.45	Pass
		Outer_Full	21.02	/	/	15.62	/	/	<=38.45	Pass
		Inner_Full	21.00	/	/	15.60	/	/	<=38.45	Pass
		Inner_1RB_Left	21.01	/	/	15.61	/	/	<=38.45	Pass
		Inner_1RB_Right	21.08	/	/	15.68	/	/	<=38.45	Pass
	839	Edge_1RB_Left	21.02	/	/	15.62	/	/	<=38.45	Pass
		Edge_1RB_Right	21.03	/	/	15.63	/	/	<=38.45	Pass

		Outer_Full	21.01	/	/	15.61	/	/	<=38.45	Pass
		Inner_Full	21.03	/	/	15.63	/	/	<=38.45	Pass
		Inner_1RB_Left	21.04	/	/	15.64	/	/	<=38.45	Pass
		Inner_1RB_Right	21.07	/	/	15.67	/	/	<=38.45	Pass
DFT-s-OFDM 256 QAM	834	Edge_1RB_Left	18.84	/	/	13.44	/	/	<=38.45	Pass
		Edge_1RB_Right	18.93	/	/	13.53	/	/	<=38.45	Pass
		Outer_Full	16.99	/	/	11.59	/	/	<=38.45	Pass
		Inner_Full	19.01	/	/	13.61	/	/	<=38.45	Pass
		Inner_1RB_Left	18.99	/	/	13.59	/	/	<=38.45	Pass
		Inner_1RB_Right	18.96	/	/	13.56	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	18.84	/	/	13.44	/	/	<=38.45	Pass
		Edge_1RB_Right	18.92	/	/	13.52	/	/	<=38.45	Pass
		Outer_Full	18.96	/	/	13.56	/	/	<=38.45	Pass
		Inner_Full	19.01	/	/	13.61	/	/	<=38.45	Pass
		Inner_1RB_Left	18.87	/	/	13.47	/	/	<=38.45	Pass
		Inner_1RB_Right	18.94	/	/	13.54	/	/	<=38.45	Pass
	839	Edge_1RB_Left	18.85	/	/	13.45	/	/	<=38.45	Pass
		Edge_1RB_Right	18.89	/	/	13.49	/	/	<=38.45	Pass
		Outer_Full	19.00	/	/	13.60	/	/	<=38.45	Pass
		Inner_Full	19.01	/	/	13.61	/	/	<=38.45	Pass
		Inner_1RB_Left	18.90	/	/	13.50	/	/	<=38.45	Pass
		Inner_1RB_Right	18.92	/	/	13.52	/	/	<=38.45	Pass
CP-OFDM QPSK	834	Edge_1RB_Left	20.32	/	/	14.92	/	/	<=38.45	Pass
		Edge_1RB_Right	20.40	/	/	15.00	/	/	<=38.45	Pass
		Outer_Full	20.45	/	/	15.05	/	/	<=38.45	Pass
		Inner_Full	21.92	/	/	16.52	/	/	<=38.45	Pass
		Inner_1RB_Left	21.75	/	/	16.35	/	/	<=38.45	Pass
		Inner_1RB_Right	21.74	/	/	16.34	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	20.19	/	/	14.79	/	/	<=38.45	Pass
		Edge_1RB_Right	20.34	/	/	14.94	/	/	<=38.45	Pass
		Outer_Full	20.46	/	/	15.06	/	/	<=38.45	Pass
		Inner_Full	21.86	/	/	16.46	/	/	<=38.45	Pass
		Inner_1RB_Left	21.58	/	/	16.18	/	/	<=38.45	Pass
		Inner_1RB_Right	21.57	/	/	16.17	/	/	<=38.45	Pass
	839	Edge_1RB_Left	20.25	/	/	14.85	/	/	<=38.45	Pass
		Edge_1RB_Right	20.30	/	/	14.90	/	/	<=38.45	Pass
		Outer_Full	20.46	/	/	15.06	/	/	<=38.45	Pass
		Inner_Full	21.88	/	/	16.48	/	/	<=38.45	Pass
		Inner_1RB_Left	21.51	/	/	16.11	/	/	<=38.45	Pass
		Inner_1RB_Right	21.59	/	/	16.19	/	/	<=38.45	Pass
CP-OFDM 16 QAM	834	Edge_1RB_Left	20.20	/	/	14.80	/	/	<=38.45	Pass
		Edge_1RB_Right	20.25	/	/	14.85	/	/	<=38.45	Pass
		Outer_Full	20.45	/	/	15.05	/	/	<=38.45	Pass
		Inner_Full	21.51	/	/	16.11	/	/	<=38.45	Pass
		Inner_1RB_Left	21.18	/	/	15.78	/	/	<=38.45	Pass
		Inner_1RB_Right	21.25	/	/	15.85	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	20.07	/	/	14.67	/	/	<=38.45	Pass
		Edge_1RB_Right	20.23	/	/	14.83	/	/	<=38.45	Pass
		Outer_Full	20.48	/	/	15.08	/	/	<=38.45	Pass
		Inner_Full	21.51	/	/	16.11	/	/	<=38.45	Pass
		Inner_1RB_Left	21.09	/	/	15.69	/	/	<=38.45	Pass
		Inner_1RB_Right	21.16	/	/	15.76	/	/	<=38.45	Pass
	839	Edge_1RB_Left	20.17	/	/	14.77	/	/	<=38.45	Pass
		Edge_1RB_Right	20.17	/	/	14.77	/	/	<=38.45	Pass
		Outer_Full	20.44	/	/	15.04	/	/	<=38.45	Pass
		Inner_Full	21.50	/	/	16.10	/	/	<=38.45	Pass
		Inner_1RB_Left	21.12	/	/	15.72	/	/	<=38.45	Pass
		Inner_1RB_Right	21.16	/	/	15.76	/	/	<=38.45	Pass
CP-OFDM 64 QAM	834	Edge_1RB_Left	20.06	/	/	14.66	/	/	<=38.45	Pass

		Edge_1RB_Right	20.13	/	/	14.73	/	/	<=38.45	Pass
		Outer_Full	19.98	/	/	14.58	/	/	<=38.45	Pass
		Inner_Full	19.98	/	/	14.58	/	/	<=38.45	Pass
		Inner_1RB_Left	20.07	/	/	14.67	/	/	<=38.45	Pass
		Inner_1RB_Right	20.15	/	/	14.75	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	20.05	/	/	14.65	/	/	<=38.45	Pass
		Edge_1RB_Right	20.16	/	/	14.76	/	/	<=38.45	Pass
		Outer_Full	19.98	/	/	14.58	/	/	<=38.45	Pass
		Inner_Full	19.96	/	/	14.56	/	/	<=38.45	Pass
		Inner_1RB_Left	20.07	/	/	14.67	/	/	<=38.45	Pass
	839	Inner_1RB_Right	20.18	/	/	14.78	/	/	<=38.45	Pass
		Edge_1RB_Left	20.06	/	/	14.66	/	/	<=38.45	Pass
		Edge_1RB_Right	20.13	/	/	14.73	/	/	<=38.45	Pass
		Outer_Full	19.96	/	/	14.56	/	/	<=38.45	Pass
		Inner_Full	19.98	/	/	14.58	/	/	<=38.45	Pass
CP-OFDM 256 QAM	834	Inner_1RB_Left	20.12	/	/	14.72	/	/	<=38.45	Pass
		Inner_1RB_Right	20.16	/	/	14.76	/	/	<=38.45	Pass
		Edge_1RB_Left	16.68	/	/	11.28	/	/	<=38.45	Pass
		Edge_1RB_Right	16.91	/	/	11.51	/	/	<=38.45	Pass
		Outer_Full	16.94	/	/	11.54	/	/	<=38.45	Pass
		Inner_Full	16.97	/	/	11.57	/	/	<=38.45	Pass
	836.5	Inner_1RB_Left	16.91	/	/	11.51	/	/	<=38.45	Pass
		Inner_1RB_Right	16.94	/	/	11.54	/	/	<=38.45	Pass
		Edge_1RB_Left	16.79	/	/	11.39	/	/	<=38.45	Pass
		Edge_1RB_Right	16.93	/	/	11.53	/	/	<=38.45	Pass
		Outer_Full	16.95	/	/	11.55	/	/	<=38.45	Pass
		Inner_Full	16.98	/	/	11.58	/	/	<=38.45	Pass
	839	Inner_1RB_Left	16.82	/	/	11.42	/	/	<=38.45	Pass
		Inner_1RB_Right	16.94	/	/	11.54	/	/	<=38.45	Pass
		Edge_1RB_Left	16.84	/	/	11.44	/	/	<=38.45	Pass
Edge_1RB_Right		16.86	/	/	11.46	/	/	<=38.45	Pass	
Outer_Full		16.92	/	/	11.52	/	/	<=38.45	Pass	
	Inner_Full	16.96	/	/	11.56	/	/	<=38.45	Pass	
	Inner_1RB_Left	16.89	/	/	11.50	/	/	<=38.45	Pass	
	Inner_1RB_Right	16.91	/	/	11.51	/	/	<=38.45	Pass	
Note1: Antenna Gain: Ant2: -3.25dBi; 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)			Limit	Verdict
			Ant2	Ant2*	Sum	Ant2	Ant2*	Sum		
DFT-s-OFDM PI/2 BPSK	836.5	Edge_1RB_Left	22.82	/	/	17.42	/	/	<=38.45	Pass
		Edge_1RB_Right	22.80	/	/	17.40	/	/	<=38.45	Pass
		Outer_Full	22.89	/	/	17.50	/	/	<=38.45	Pass
		Inner_Full	23.50	/	/	18.10	/	/	<=38.45	Pass
		Inner_1RB_Left	23.35	/	/	17.95	/	/	<=38.45	Pass
		Inner_1RB_Right	23.34	/	/	17.94	/	/	<=38.45	Pass
DFT-s-OFDM QPSK	836.5	Edge_1RB_Left	22.22	/	/	16.82	/	/	<=38.45	Pass
		Edge_1RB_Right	22.42	/	/	17.02	/	/	<=38.45	Pass
		Outer_Full	22.39	/	/	16.99	/	/	<=38.45	Pass
		Inner_Full	23.56	/	/	18.16	/	/	<=38.45	Pass
		Inner_1RB_Left	23.23	/	/	17.83	/	/	<=38.45	Pass
DFT-s-OFDM 16 QAM	836.5	Inner_1RB_Right	23.45	/	/	18.05	/	/	<=38.45	Pass
		Edge_1RB_Left	21.26	/	/	15.86	/	/	<=38.45	Pass
		Edge_1RB_Right	21.25	/	/	15.85	/	/	<=38.45	Pass
		Outer_Full	21.44	/	/	16.04	/	/	<=38.45	Pass

		Inner Full	22.41	/	/	17.01	/	/	<=38.45	Pass
		Inner 1RB Left	22.53	/	/	17.13	/	/	<=38.45	Pass
		Inner 1RB Right	22.12	/	/	16.72	/	/	<=38.45	Pass
DFT-s-OFDM 64 QAM	836.5	Edge 1RB Left	21.09	/	/	15.69	/	/	<=38.45	Pass
		Edge 1RB Right	21.02	/	/	15.62	/	/	<=38.45	Pass
		Outer Full	20.93	/	/	15.53	/	/	<=38.45	Pass
		Inner Full	20.93	/	/	15.53	/	/	<=38.45	Pass
		Inner 1RB Left	20.84	/	/	15.44	/	/	<=38.45	Pass
		Inner 1RB Right	20.83	/	/	15.43	/	/	<=38.45	Pass
DFT-s-OFDM 256 QAM	836.5	Edge 1RB Left	18.89	/	/	13.49	/	/	<=38.45	Pass
		Edge 1RB Right	18.95	/	/	13.55	/	/	<=38.45	Pass
		Outer Full	19.01	/	/	13.61	/	/	<=38.45	Pass
		Inner Full	19.01	/	/	13.61	/	/	<=38.45	Pass
		Inner 1RB Left	18.89	/	/	13.49	/	/	<=38.45	Pass
		Inner 1RB Right	18.94	/	/	13.54	/	/	<=38.45	Pass
CP-OFDM QPSK	836.5	Edge 1RB Left	20.28	/	/	14.88	/	/	<=38.45	Pass
		Edge 1RB Right	20.34	/	/	14.94	/	/	<=38.45	Pass
		Outer Full	20.48	/	/	15.08	/	/	<=38.45	Pass
		Inner Full	21.88	/	/	16.48	/	/	<=38.45	Pass
		Inner 1RB Left	21.68	/	/	16.28	/	/	<=38.45	Pass
		Inner 1RB Right	21.57	/	/	16.17	/	/	<=38.45	Pass
CP-OFDM 16 QAM	836.5	Edge 1RB Left	20.35	/	/	14.95	/	/	<=38.45	Pass
		Edge 1RB Right	20.29	/	/	14.89	/	/	<=38.45	Pass
		Outer Full	20.32	/	/	14.93	/	/	<=38.45	Pass
		Inner Full	21.19	/	/	15.79	/	/	<=38.45	Pass
		Inner 1RB Left	21.12	/	/	15.72	/	/	<=38.45	Pass
		Inner 1RB Right	21.25	/	/	15.85	/	/	<=38.45	Pass
CP-OFDM 64 QAM	836.5	Edge 1RB Left	19.93	/	/	14.53	/	/	<=38.45	Pass
		Edge 1RB Right	20.08	/	/	14.68	/	/	<=38.45	Pass
		Outer Full	20.02	/	/	14.62	/	/	<=38.45	Pass
		Inner Full	20.02	/	/	14.62	/	/	<=38.45	Pass
		Inner 1RB Left	20.14	/	/	14.74	/	/	<=38.45	Pass
		Inner 1RB Right	20.06	/	/	14.66	/	/	<=38.45	Pass
CP-OFDM 256 QAM	836.5	Edge 1RB Left	16.76	/	/	11.36	/	/	<=38.45	Pass
		Edge 1RB Right	16.82	/	/	11.42	/	/	<=38.45	Pass
		Outer Full	17.01	/	/	11.61	/	/	<=38.45	Pass
		Inner Full	16.91	/	/	11.51	/	/	<=38.45	Pass
		Inner 1RB Left	16.97	/	/	11.57	/	/	<=38.45	Pass
		Inner 1RB Right	17.02	/	/	11.62	/	/	<=38.45	Pass
Note1: Antenna Gain: Ant2: -3.25dBi; 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	-471.86	-0.5641	>=-2.5 & <=2.5	Pass
				HV	-470.12	-0.5620	>=-2.5 & <=2.5	Pass
			-30	NV	-476.21	-0.5693	>=-2.5 & <=2.5	Pass
			-20	NV	-675.93	-0.8080	>=-2.5 & <=2.5	Pass
			-10	NV	-33.27	-0.0398	>=-2.5 & <=2.5	Pass
			0	NV	221.17	0.2644	>=-2.5 & <=2.5	Pass
			10	NV	-466.78	-0.5580	>=-2.5 & <=2.5	Pass
			20	NV	-371.16	-0.4437	>=-2.5 & <=2.5	Pass
			30	NV	-479.83	-0.5736	>=-2.5 & <=2.5	Pass
			40	NV	-485.72	-0.5807	>=-2.5 & <=2.5	Pass
			50	NV	-489.00	-0.5846	>=-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	4.56	5.03	/	Pass
DFT-s-OFDM QPSK	836.5	Outer_Full	4.54	4.98	/	Pass
DFT-s-OFDM 16 QAM	836.5	Outer_Full	4.54	4.99	/	Pass
DFT-s-OFDM 64 QAM	836.5	Outer_Full	4.57	5.01	/	Pass
DFT-s-OFDM 256 QAM	836.5	Outer_Full	4.55	4.97	/	Pass
CP-OFDM QPSK	836.5	Outer_Full	4.54	5.26	/	Pass
CP-OFDM 16 QAM	836.5	Outer_Full	4.53	4.98	/	Pass
CP-OFDM 64 QAM	836.5	Outer_Full	4.53	5.18	/	Pass
CP-OFDM 256 QAM	836.5	Outer_Full	4.54	4.99	/	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	9.08	12.43	/	Pass
DFT-s-OFDM QPSK	836.5	Outer_Full	9.06	9.71	/	Pass
DFT-s-OFDM 16 QAM	836.5	Outer_Full	9.04	9.78	/	Pass
DFT-s-OFDM 64 QAM	836.5	Outer_Full	9.07	9.71	/	Pass
DFT-s-OFDM 256 QAM	836.5	Outer_Full	9.05	9.74	/	Pass
CP-OFDM QPSK	836.5	Outer_Full	9.41	11.53	/	Pass
CP-OFDM 16 QAM	836.5	Outer_Full	9.43	10.11	/	Pass

CP-OFDM 64 QAM	836.5	Outer Full	9.40	10.11	/	Pass
CP-OFDM 256 QAM	836.5	Outer Full	9.36	10.11	/	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	16.29	/	Pass
DFT-s-OFDM QPSK	836.5	Outer Full	13.54	14.61	/	Pass
DFT-s-OFDM 16 QAM	836.5	Outer Full	13.61	14.67	/	Pass
DFT-s-OFDM 64 QAM	836.5	Outer Full	13.60	14.59	/	Pass
DFT-s-OFDM 256 QAM	836.5	Outer Full	13.60	14.62	/	Pass
CP-OFDM QPSK	836.5	Outer Full	14.33	16.83	/	Pass
CP-OFDM 16 QAM	836.5	Outer Full	14.31	18.69	/	Pass
CP-OFDM 64 QAM	836.5	Outer Full	14.28	16.75	/	Pass
CP-OFDM 256 QAM	836.5	Outer Full	14.23	15.26	/	Pass

3.1.4 15_S_20M_NTNV

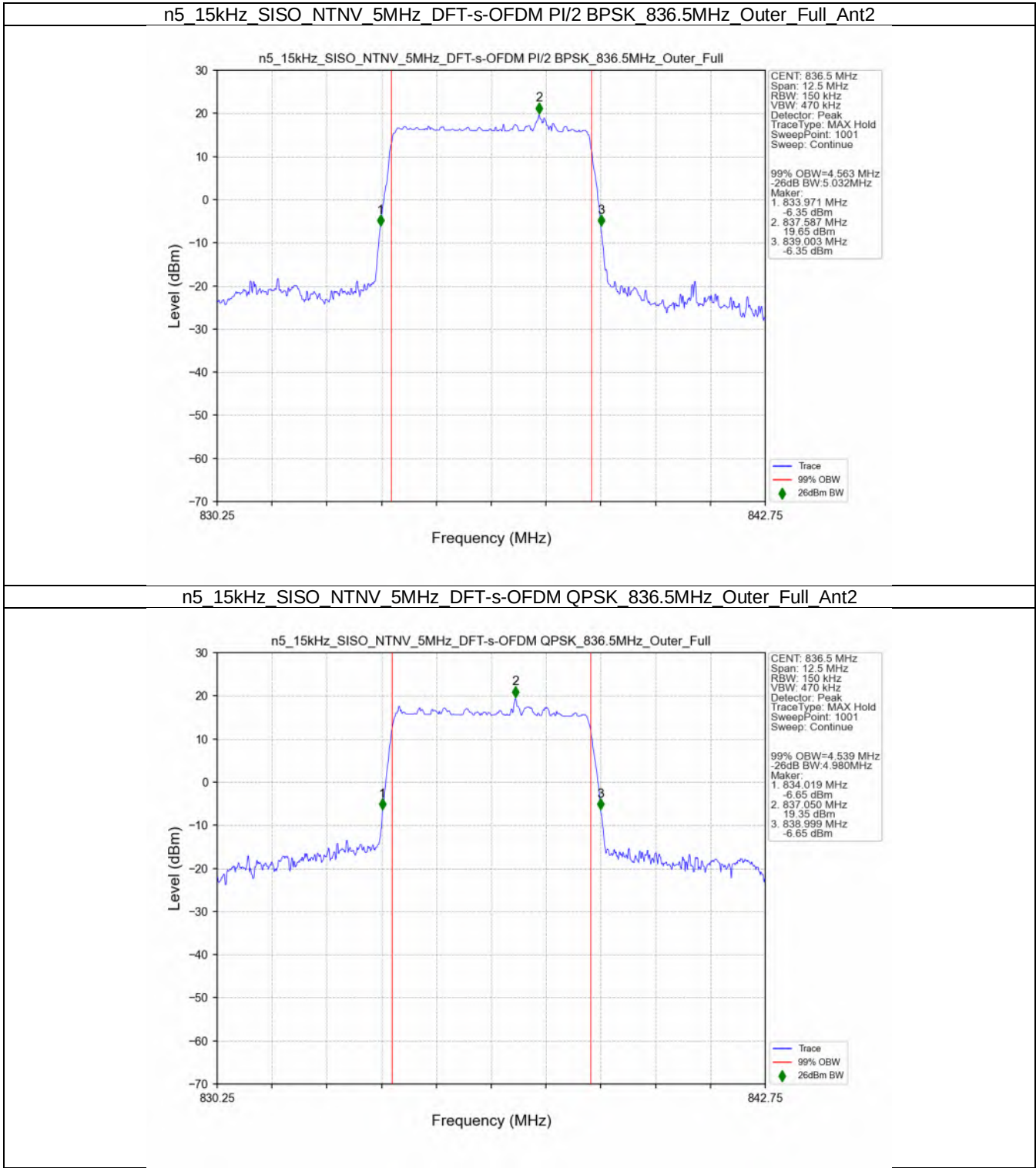
5G NR n5 SCS=15kHz SISO 20MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	836.5	Outer Full	18.11	20.87	/	Pass
DFT-s-OFDM QPSK	836.5	Outer Full	18.12	19.44	/	Pass
DFT-s-OFDM 16 QAM	836.5	Outer Full	18.05	19.46	/	Pass
DFT-s-OFDM 64 QAM	836.5	Outer Full	18.07	19.39	/	Pass
DFT-s-OFDM 256 QAM	836.5	Outer Full	18.09	19.42	/	Pass
CP-OFDM QPSK	836.5	Outer Full	19.17	22.07	/	Pass
CP-OFDM 16 QAM	836.5	Outer Full	19.17	26.03	/	Pass
CP-OFDM 64 QAM	836.5	Outer Full	19.12	21.04	/	Pass
CP-OFDM 256 QAM	836.5	Outer Full	19.03	20.43	/	Pass

3.1.5 15_S_25M_NTNV

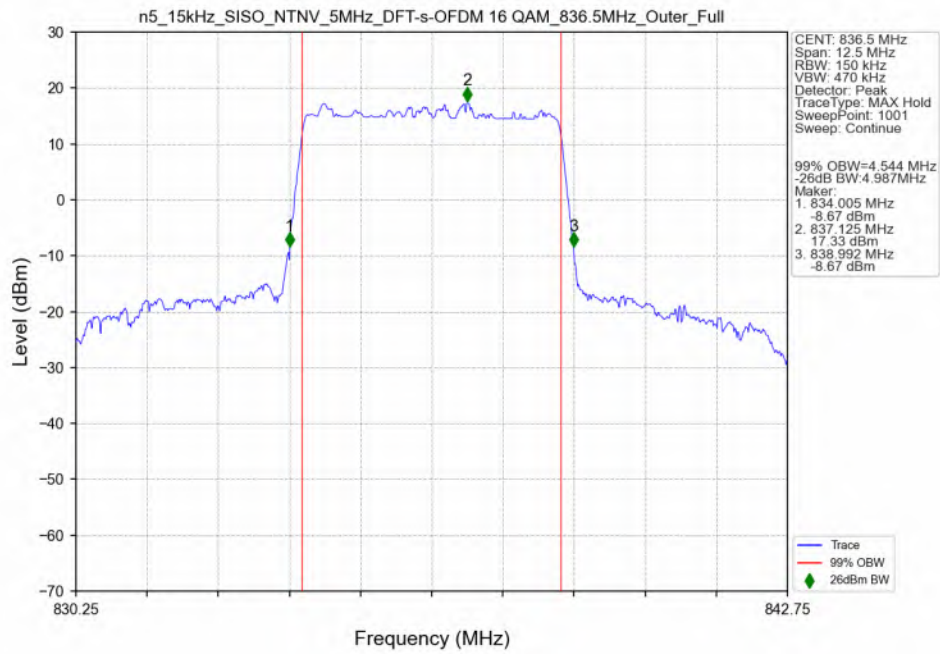
5G NR n5 SCS=15kHz SISO 25MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	836.5	Outer Full	23.18	24.78	/	Pass
DFT-s-OFDM QPSK	836.5	Outer Full	23.09	24.79	/	Pass
DFT-s-OFDM 16 QAM	836.5	Outer Full	22.98	24.76	/	Pass
DFT-s-OFDM 64 QAM	836.5	Outer Full	23.07	24.73	/	Pass
DFT-s-OFDM 256 QAM	836.5	Outer Full	23.11	24.72	/	Pass
CP-OFDM QPSK	836.5	Outer Full	23.86	29.79	/	Pass
CP-OFDM 16 QAM	836.5	Outer Full	24.00	30.51	/	Pass
CP-OFDM 64 QAM	836.5	Outer Full	23.92	28.19	/	Pass
CP-OFDM 256 QAM	836.5	Outer Full	23.95	27.49	/	Pass

3.2 Test Graph

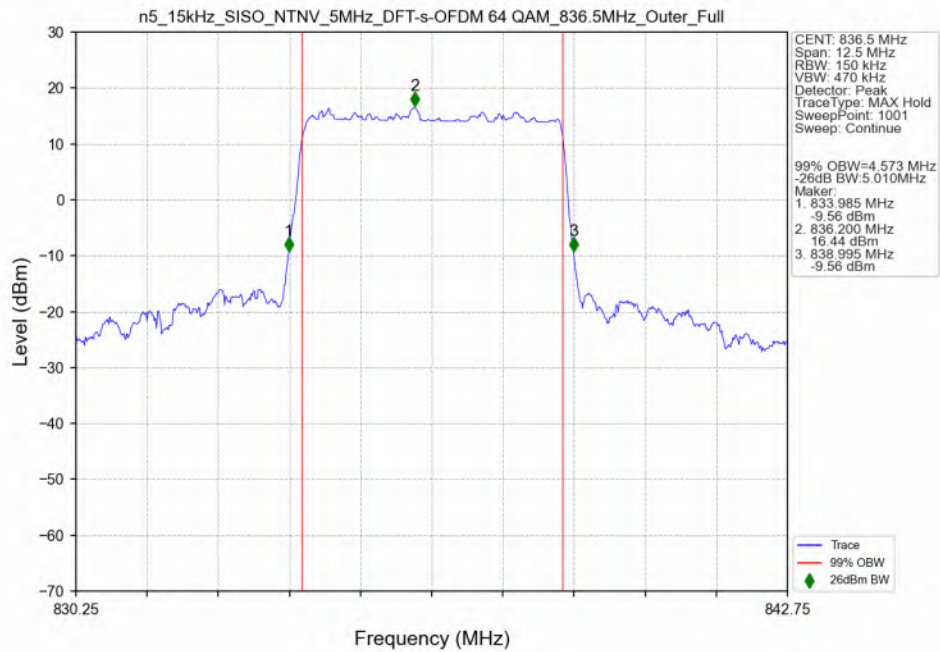
3.2.1 15_S_5M_NTNV



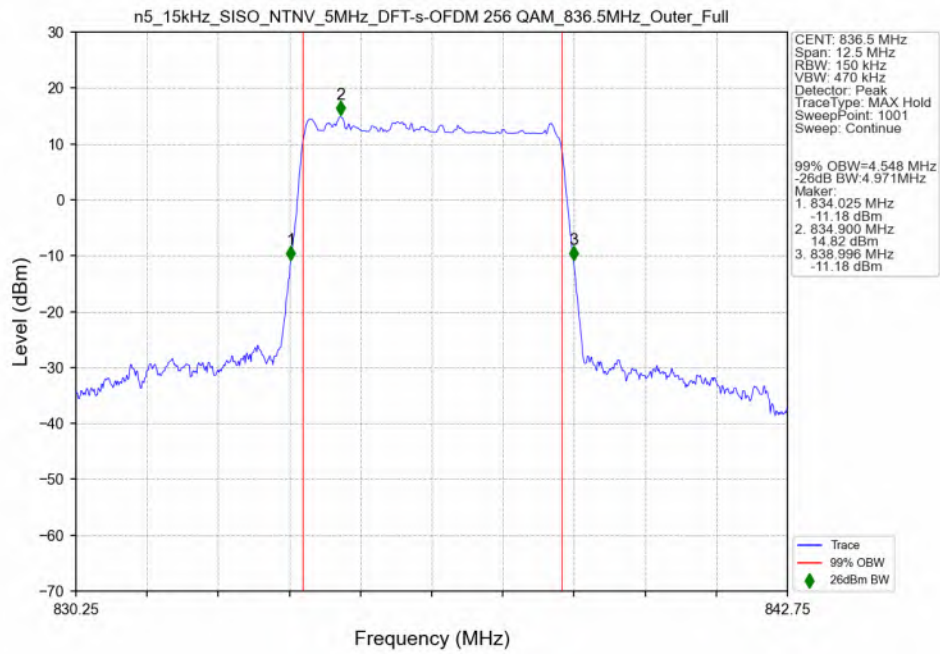
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_16_QAM_836.5MHz_Outer_Full_Ant2



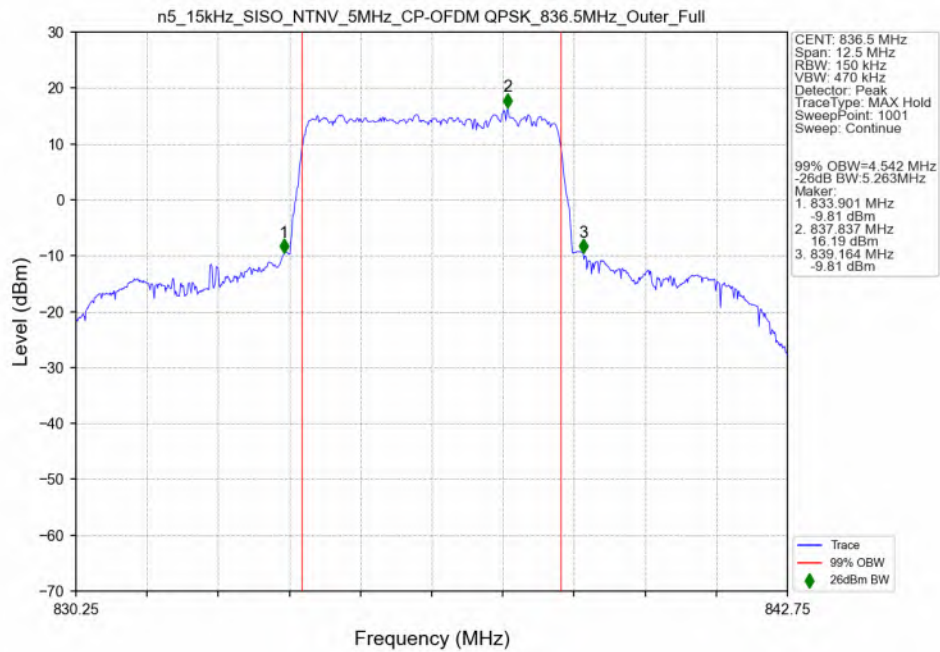
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_64_QAM_836.5MHz_Outer_Full_Ant2



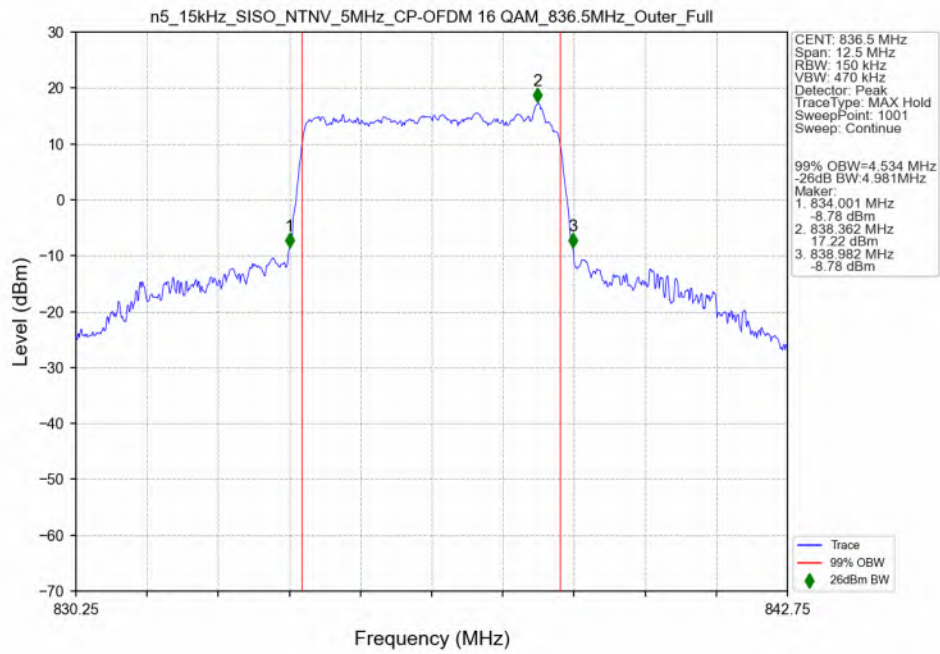
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_256_QAM_836.5MHz_Outer_Full_Ant2



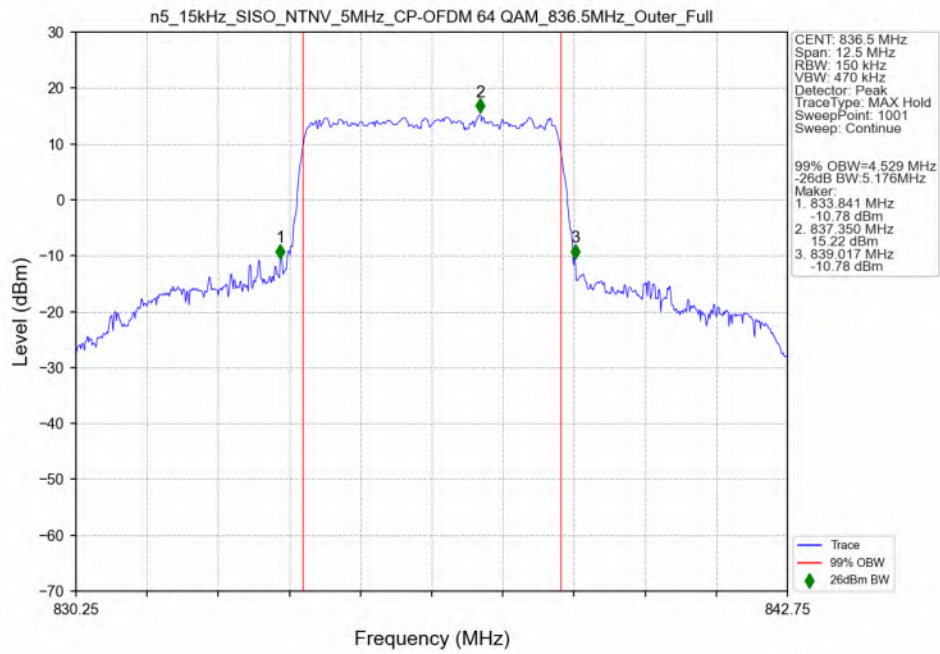
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_836.5MHz_Outer_Full_Ant2



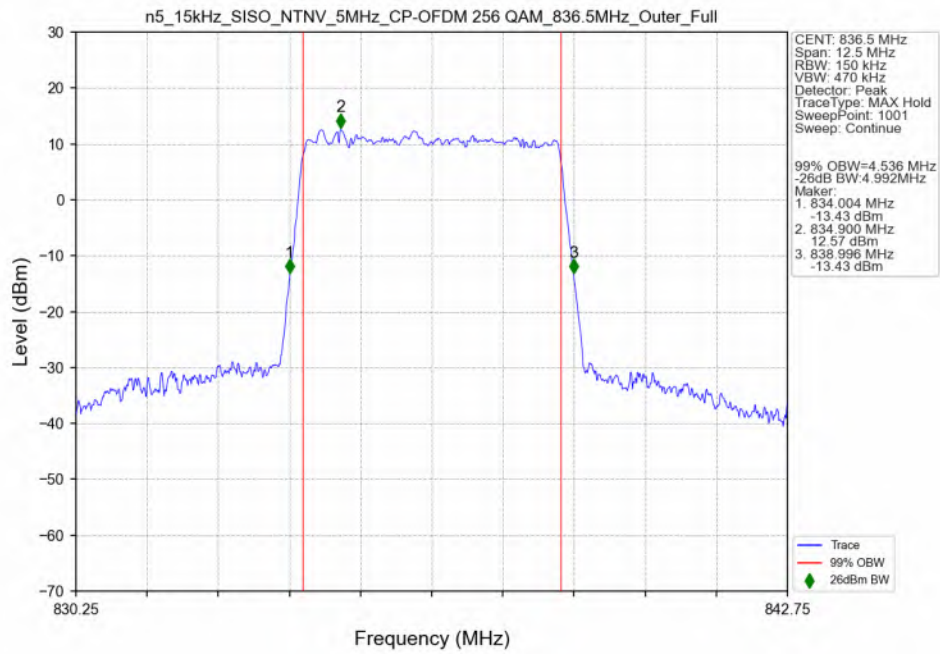
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM 16 QAM 836.5MHz_Outer_Full_Ant2



n5_15kHz_SISO_NTNV_5MHz_CP-OFDM 64 QAM 836.5MHz_Outer_Full_Ant2

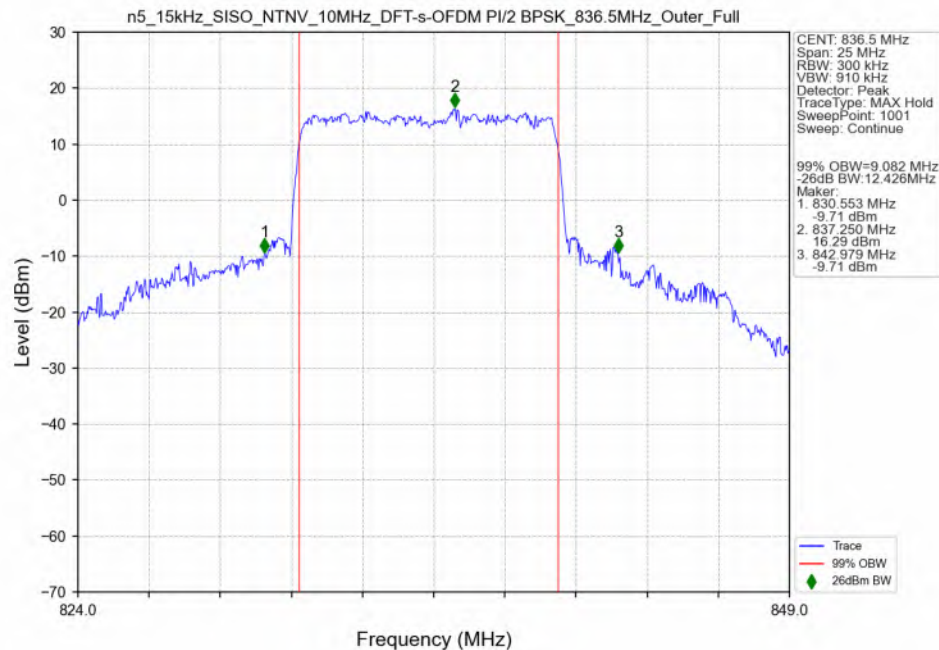


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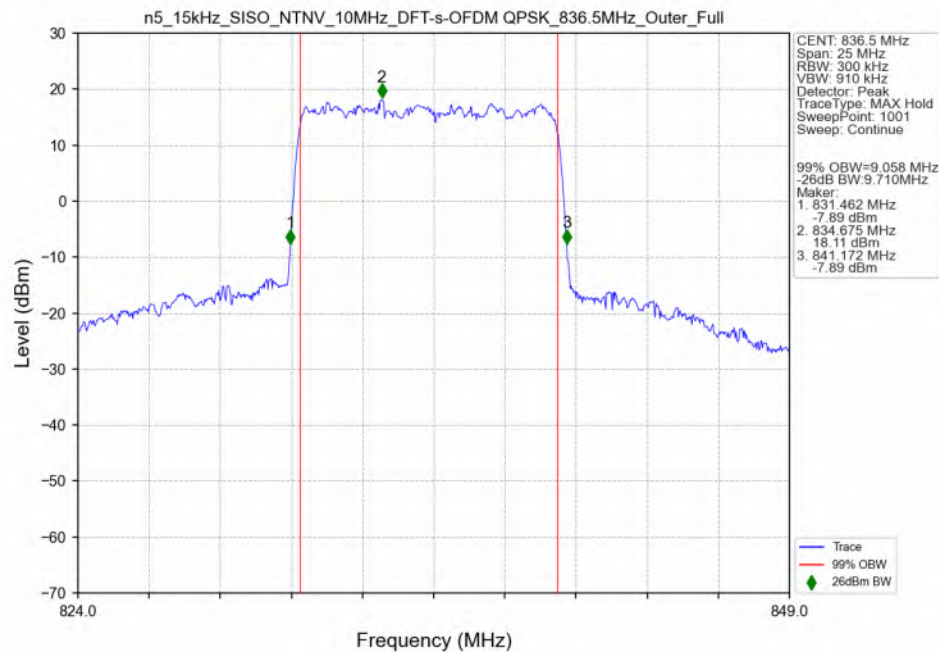


3.2.2 15_S_10M_NTNV

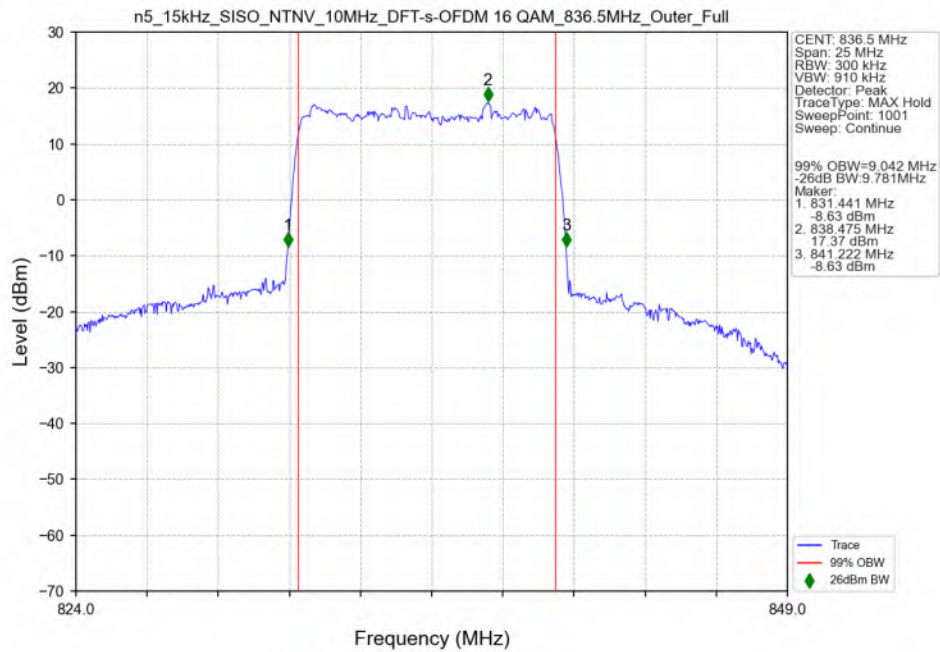
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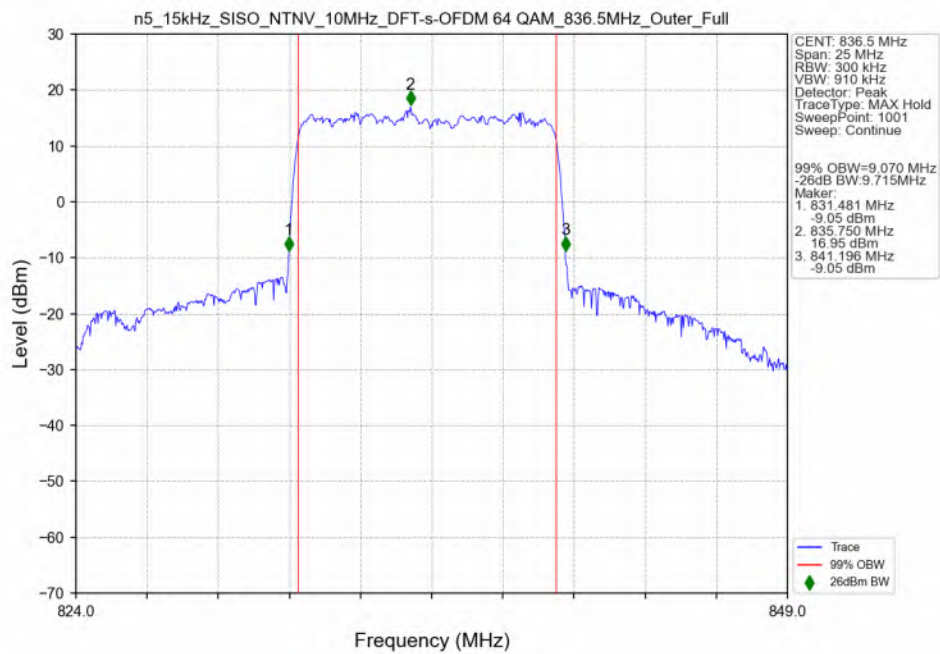
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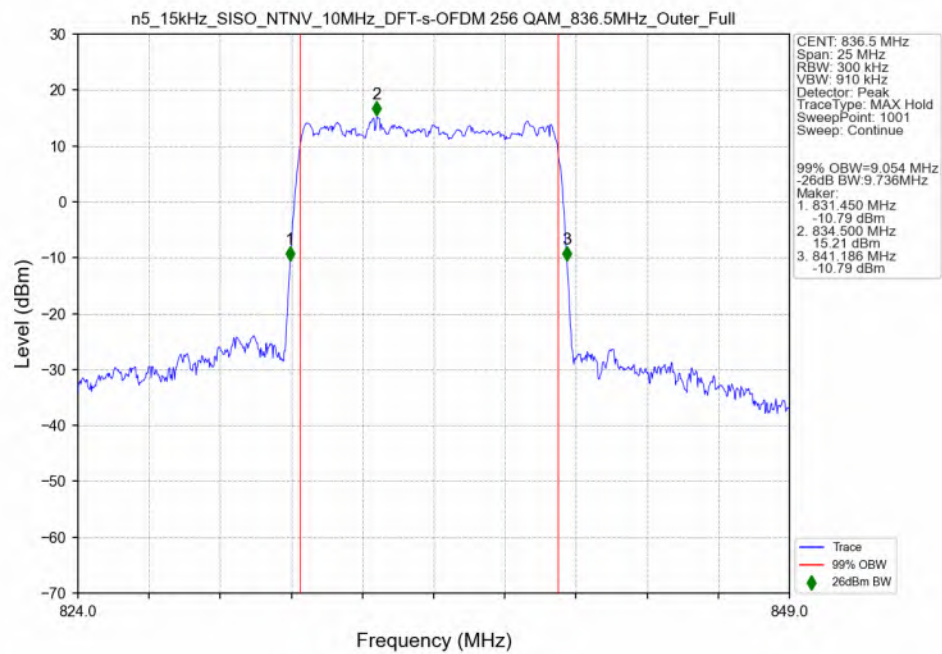
n5_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_16_QAM_836.5MHz_Outer_Full_Ant2



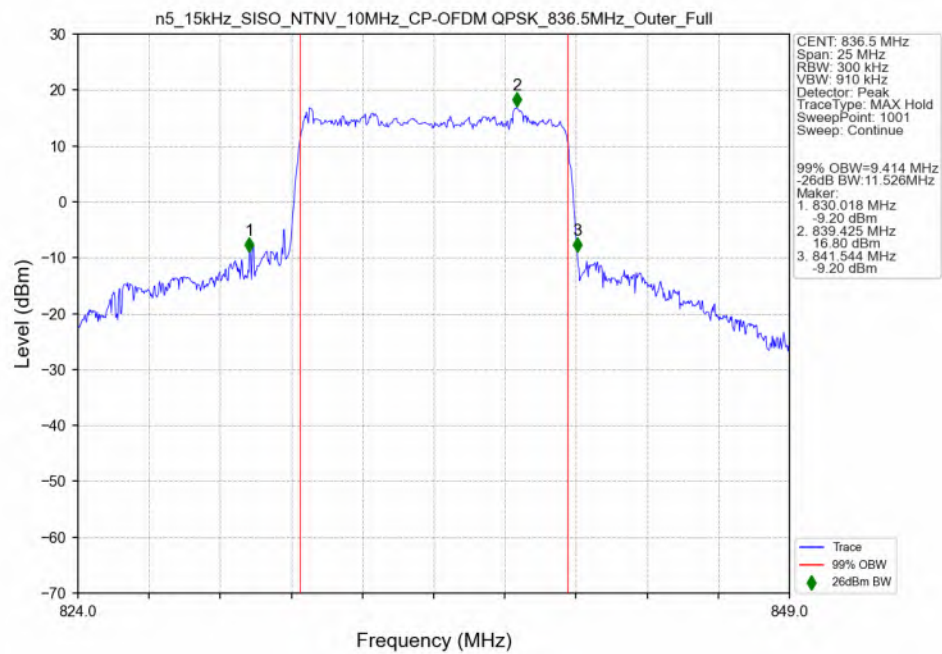
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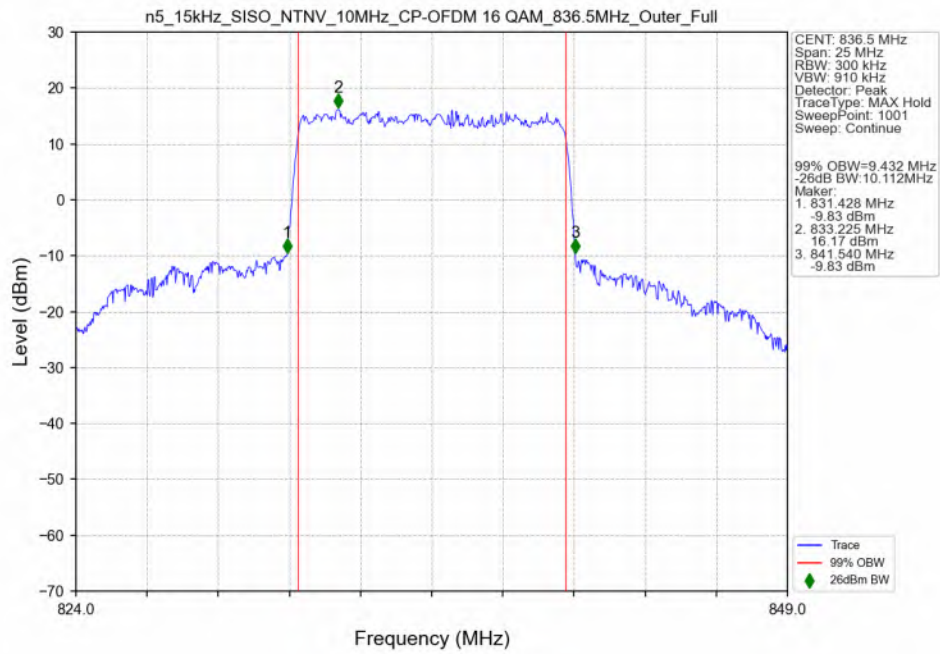
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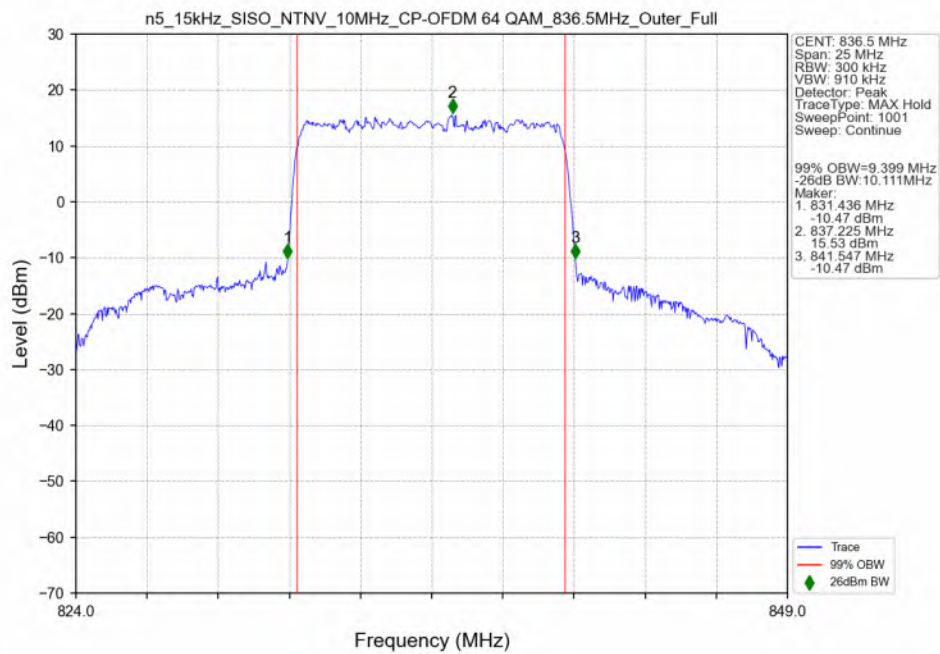
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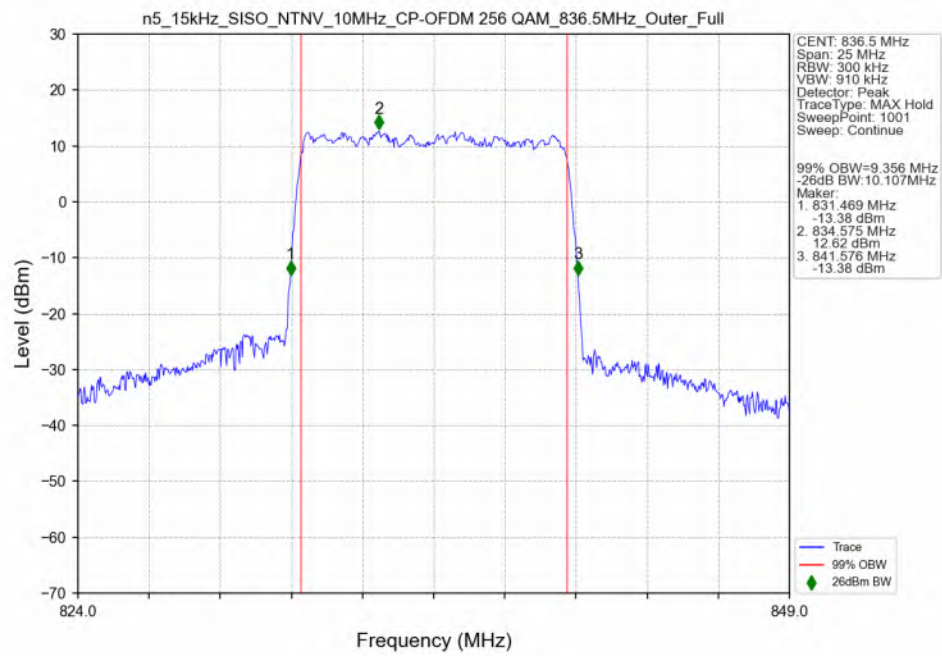
n5_15kHz_SISO_NTNV_10MHz_CP-OFDM 16 QAM 836.5MHz Outer Full Ant2



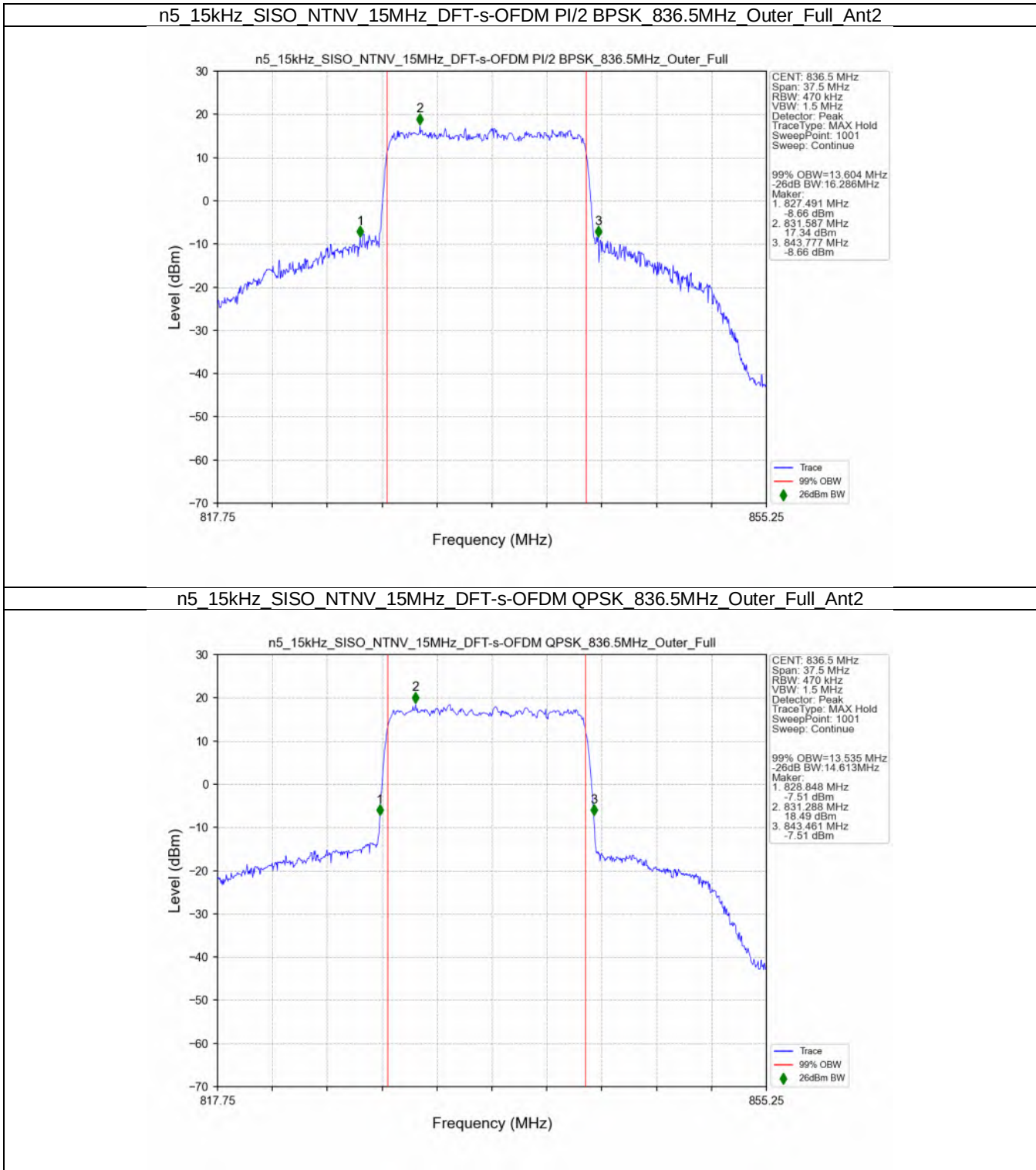
n5_15kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM 836.5MHz Outer Full Ant2



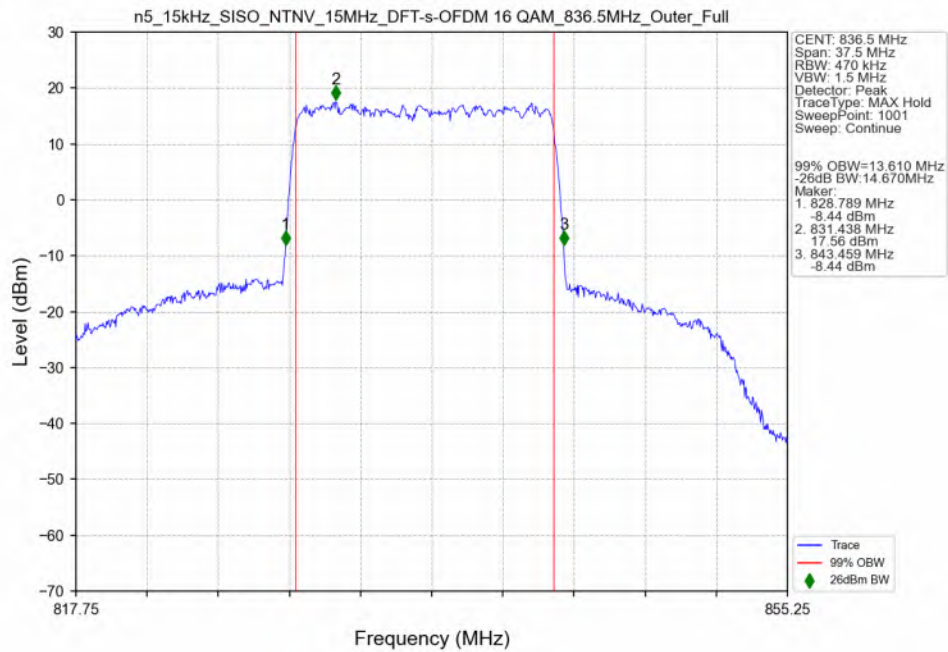
n5_15kHz_SISO_NTNV_10MHz_CP-OFDM_256_QAM_836.5MHz_Outer_Full_Ant2



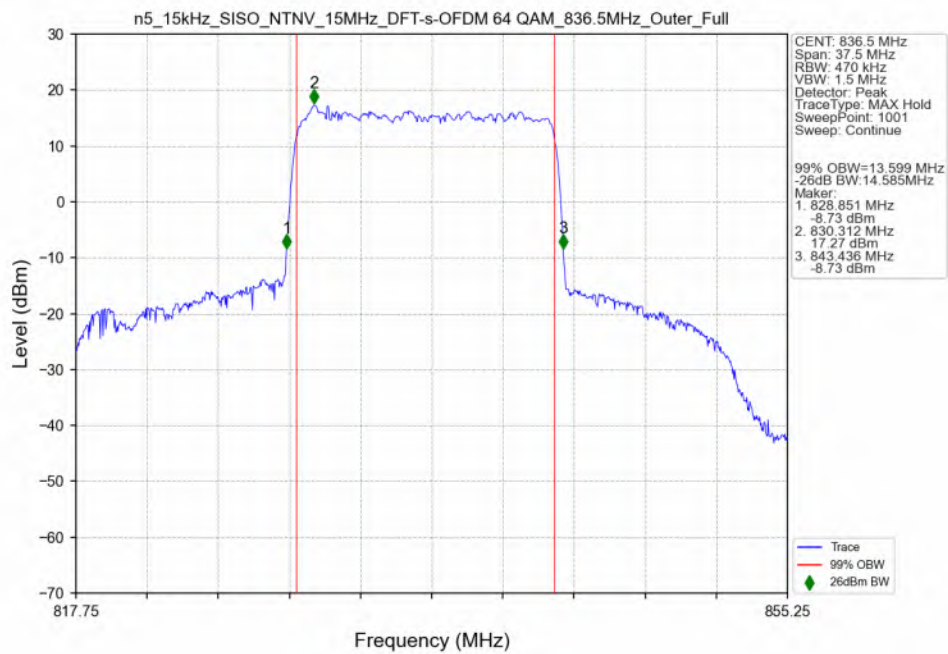
3.2.3 15_S_15M_NTNV



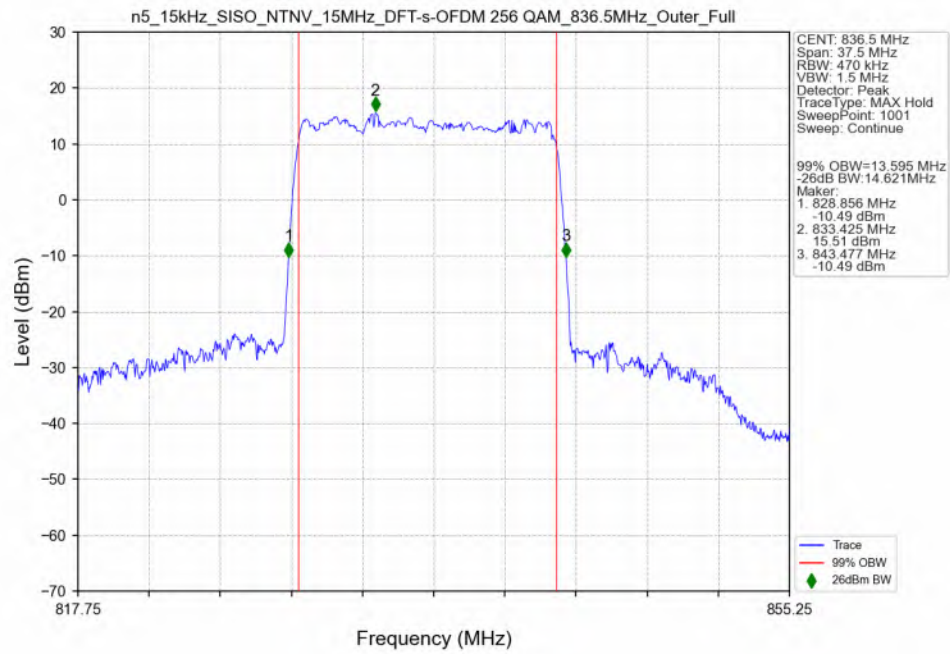
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_16_QAM_836.5MHz_Outer_Full_Ant2



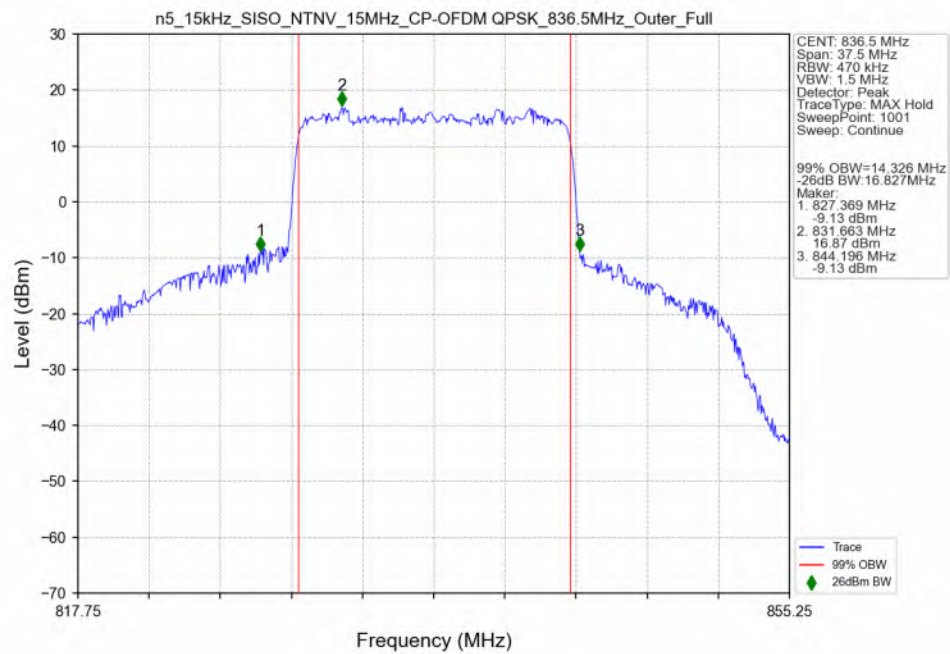
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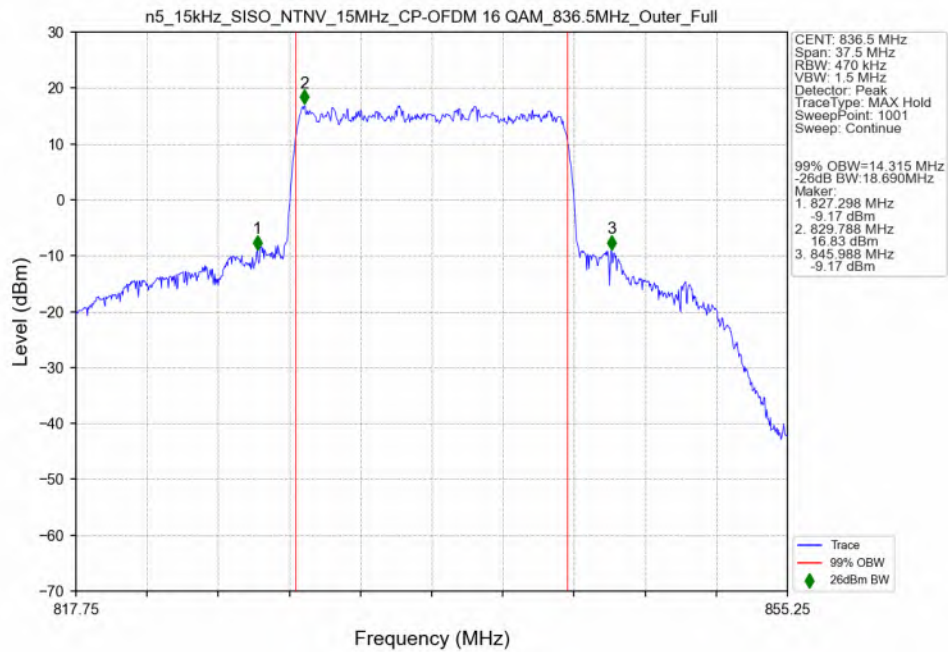
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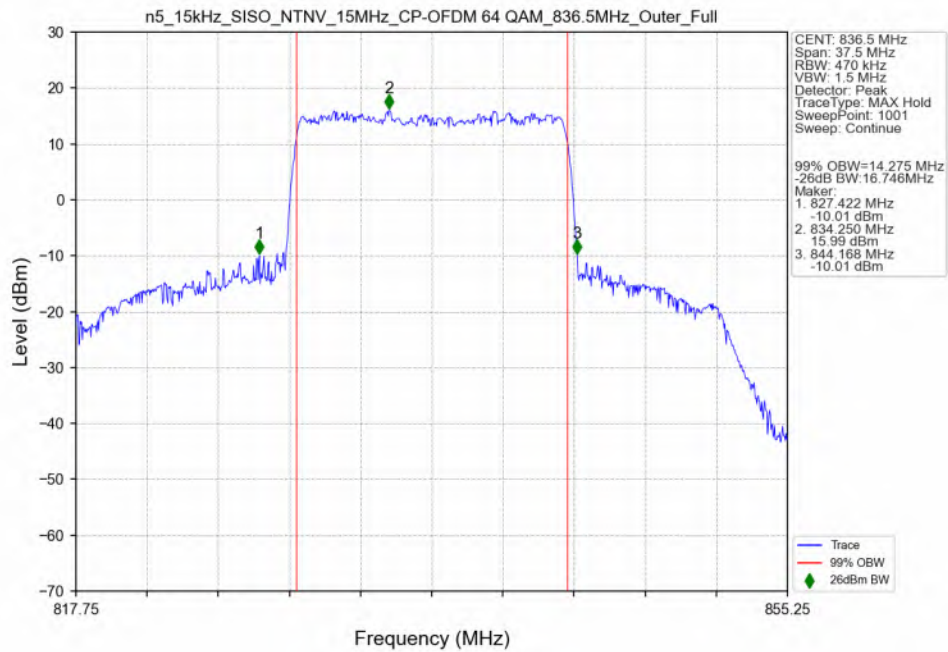
n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_836.5MHz_Outer_Full_Ant2



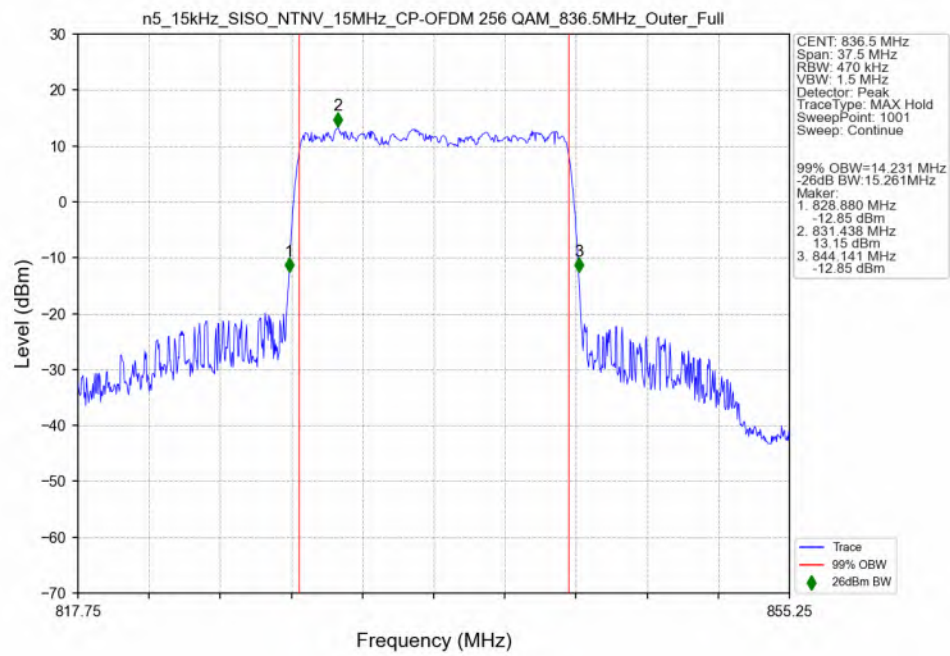
n5_15kHz_SISO_NTNV_15MHz_CP-OFDM 16 QAM 836.5MHz Outer Full Ant2



n5_15kHz_SISO_NTNV_15MHz_CP-OFDM 64 QAM 836.5MHz_Outer_Full_Ant2

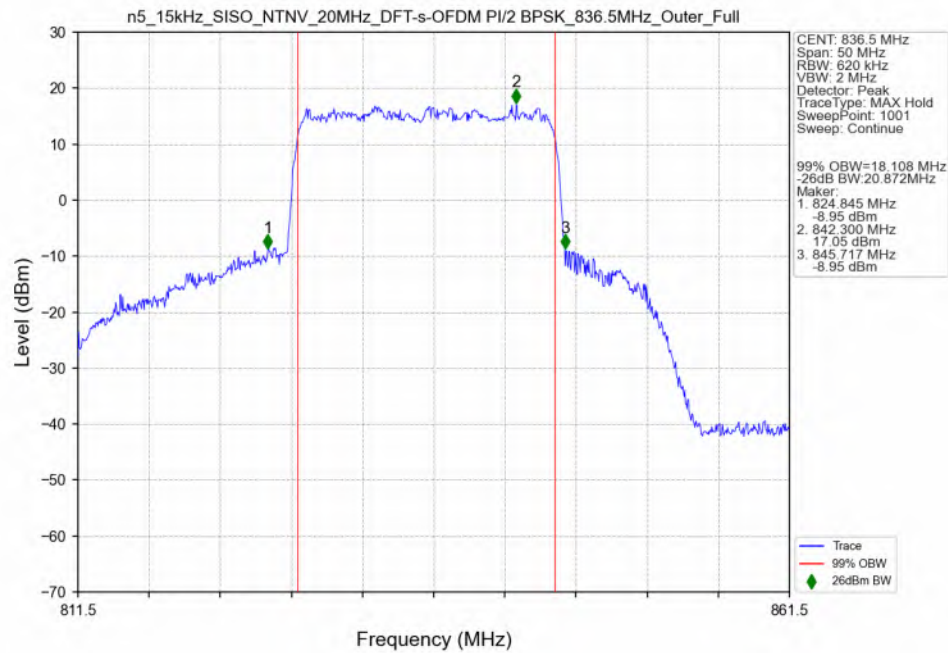


n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_256_QAM_836.5MHz_Outer_Full_Ant2

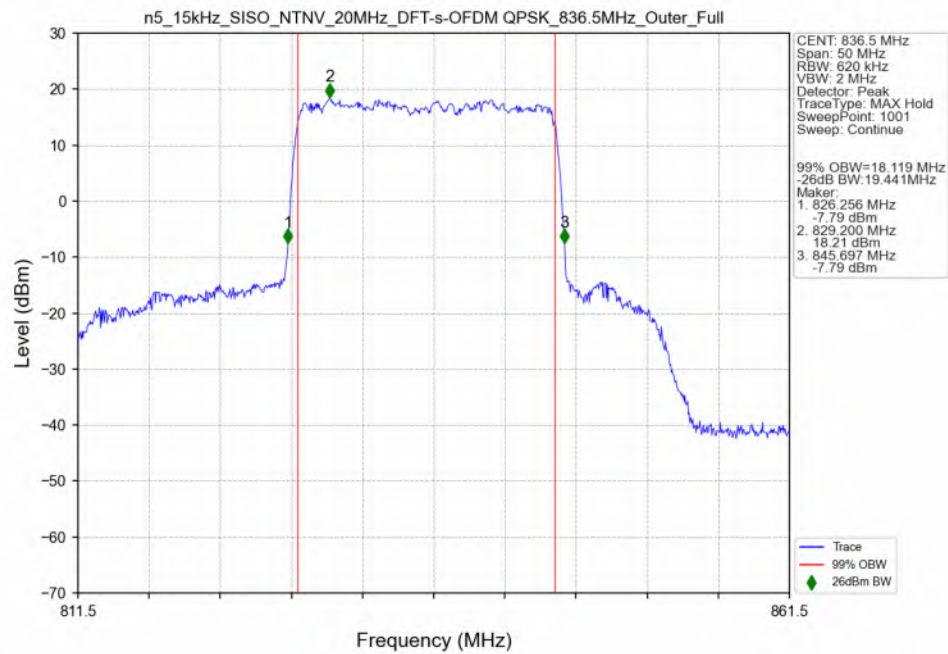


3.2.4 15_S_20M_NTNV

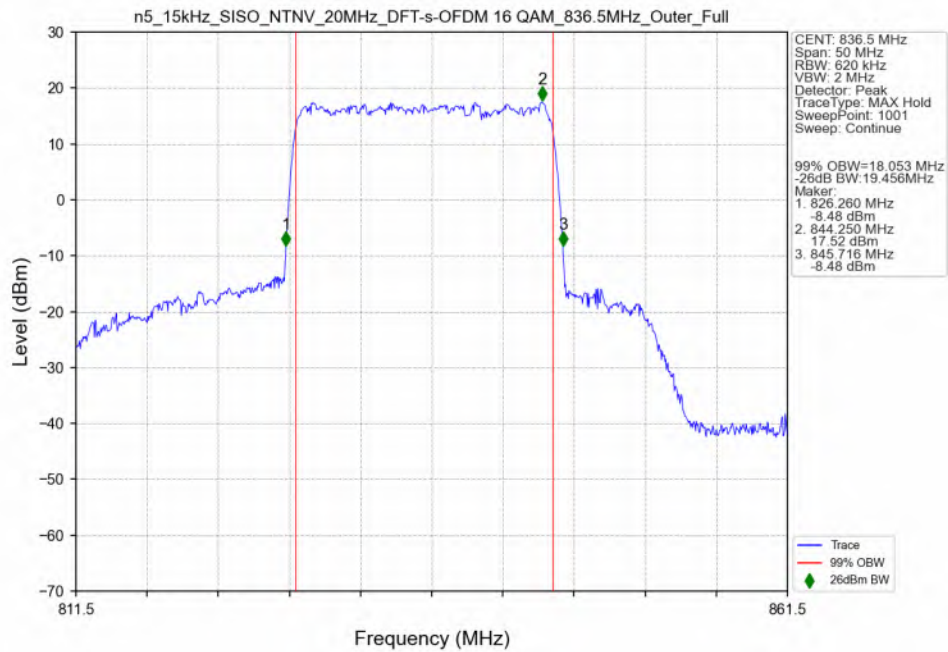
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_836.5MHz_Outer_Full_Ant2



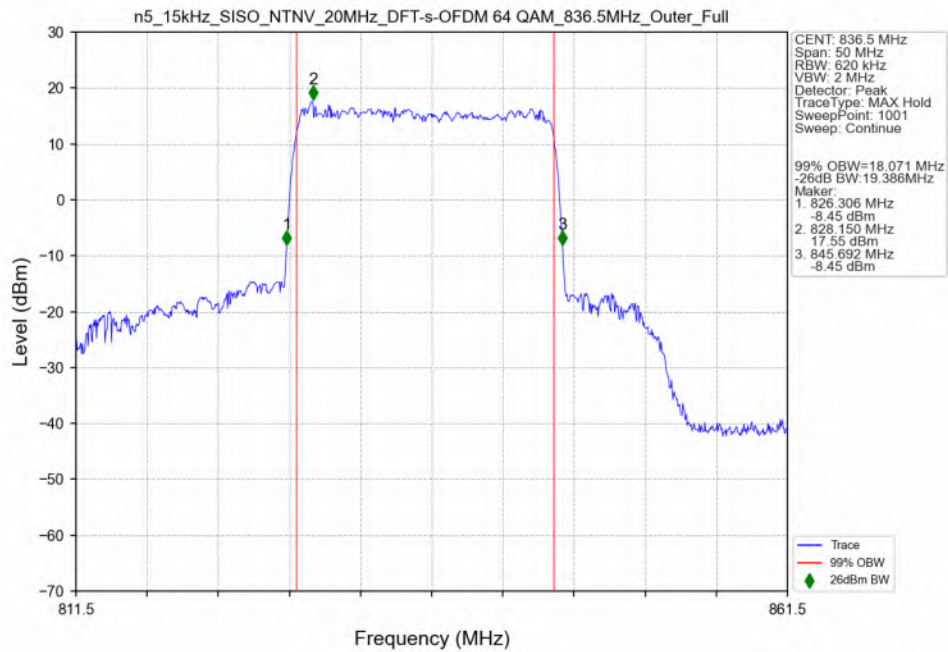
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_836.5MHz_Outer_Full_Ant2



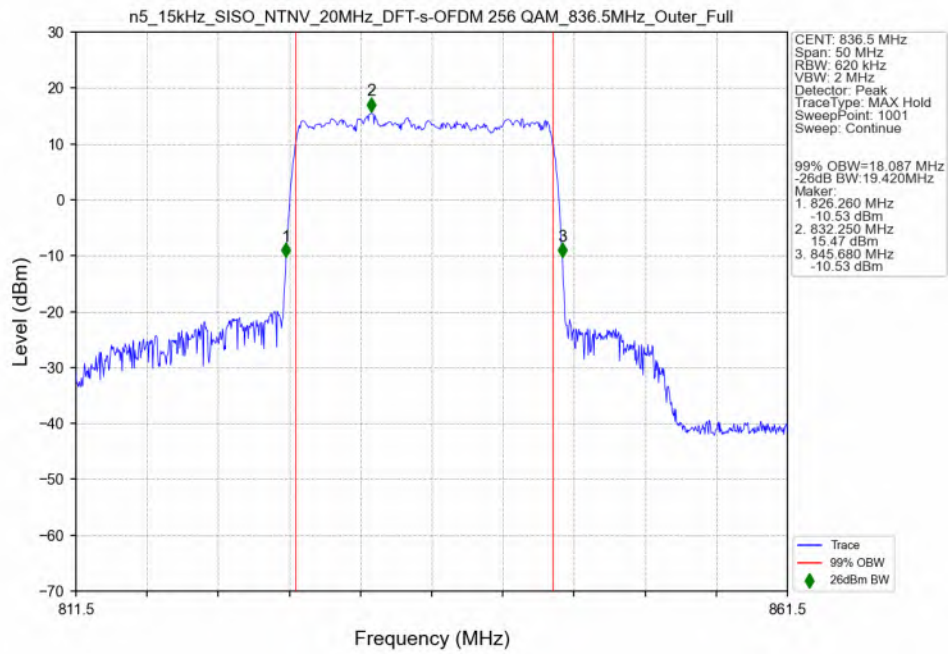
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_16_QAM_836.5MHz_Outer_Full_Ant2



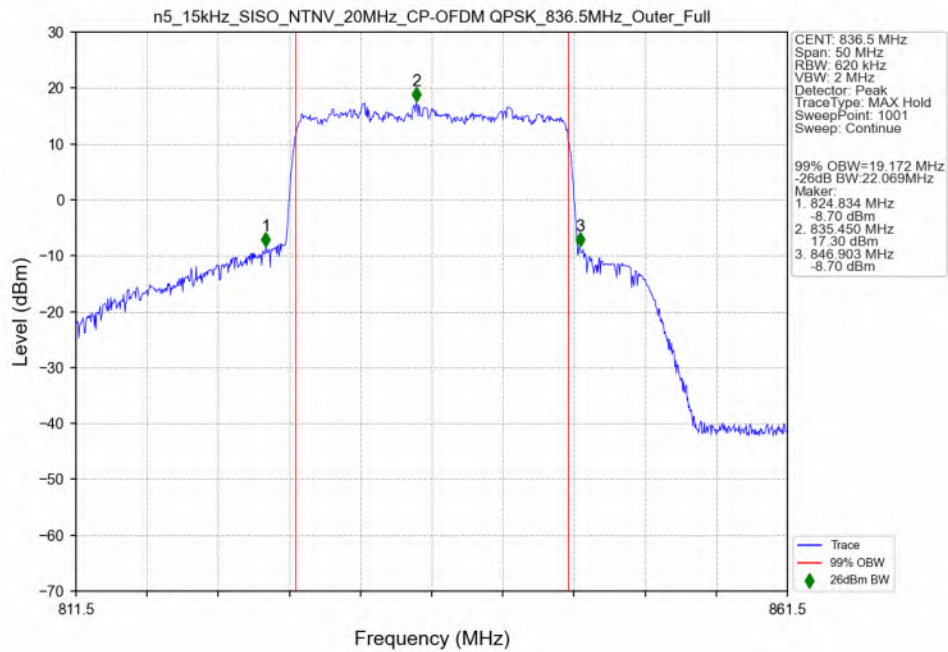
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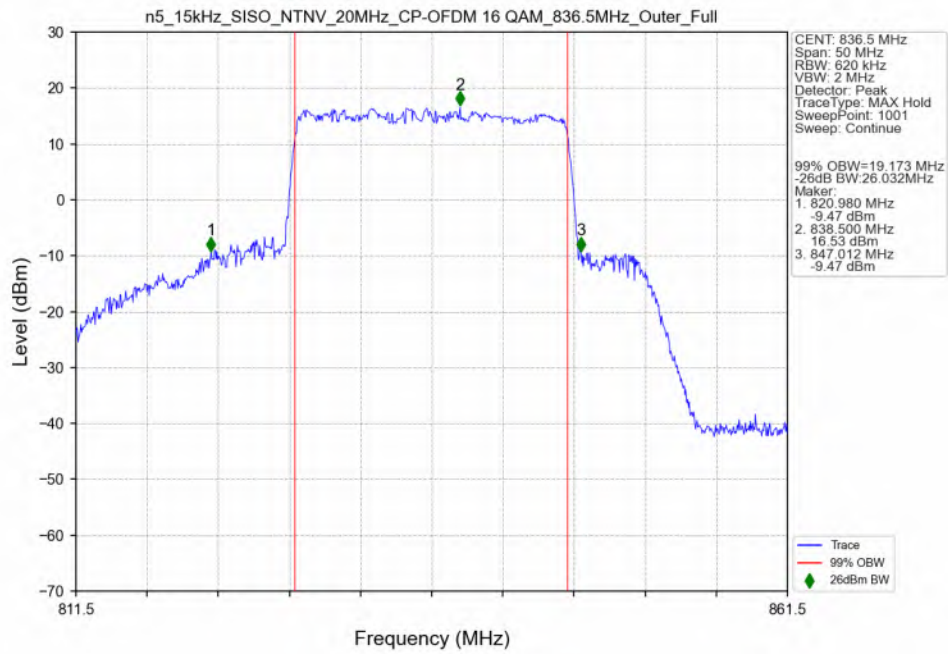
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_256_QAM_836.5MHz_Outer_Full_Ant2



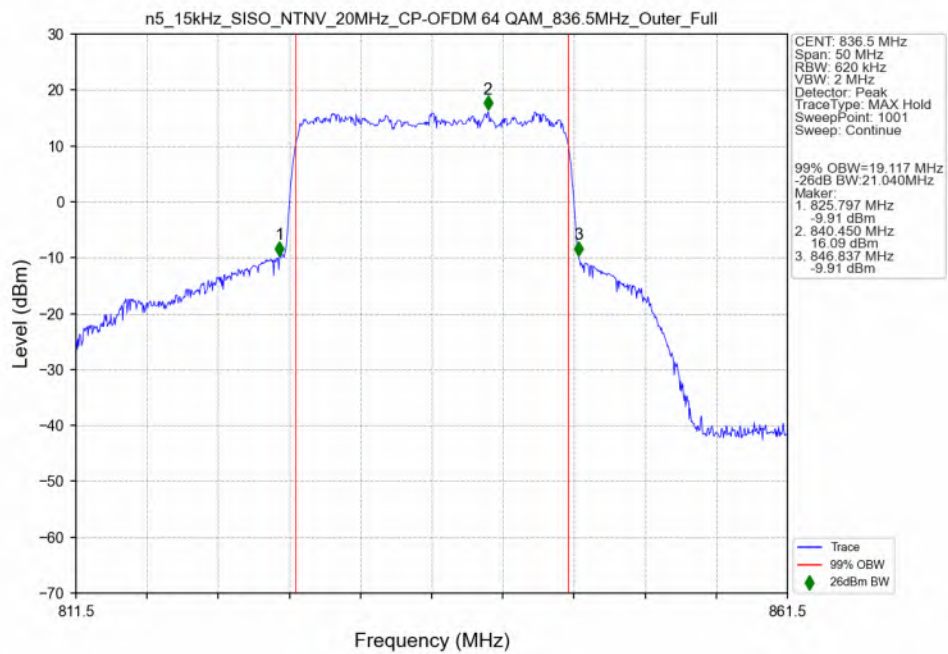
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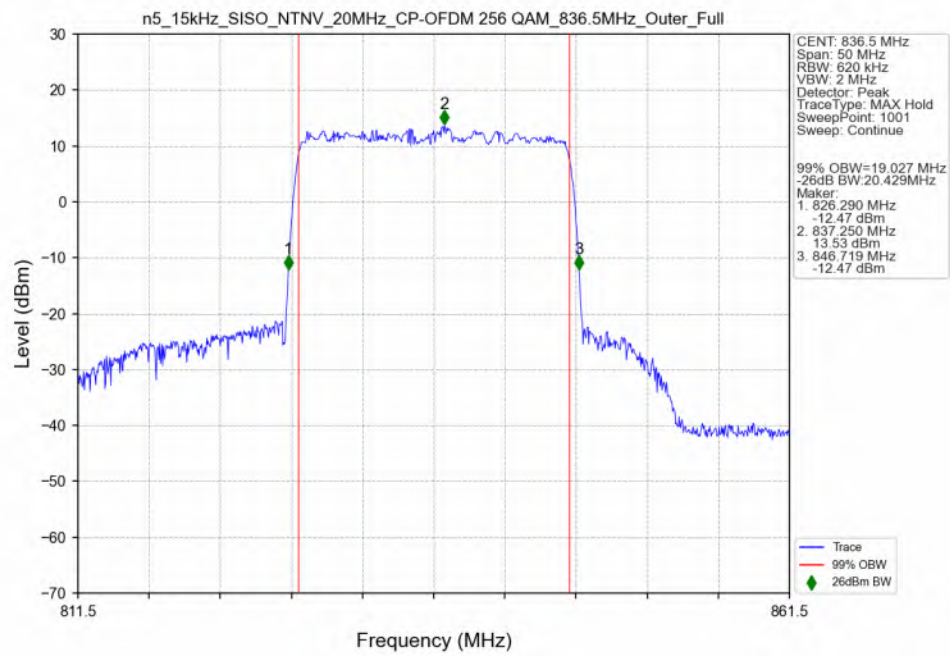
n5_15kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM 836.5MHz Outer Full Ant2



n5_15kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM 836.5MHz Outer Full Ant2

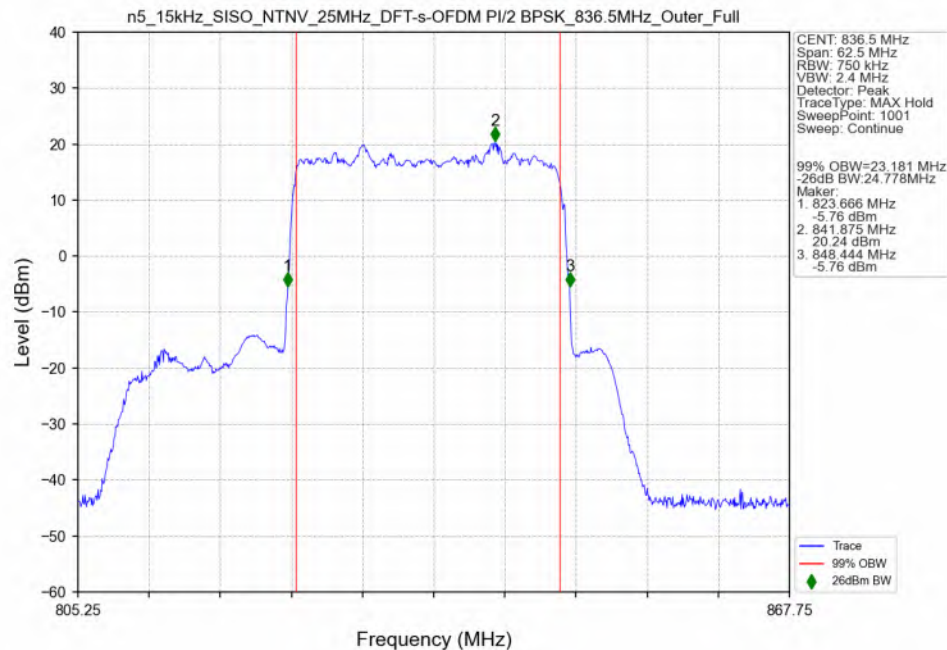


n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_256_QAM_836.5MHz_Outer_Full_Ant2

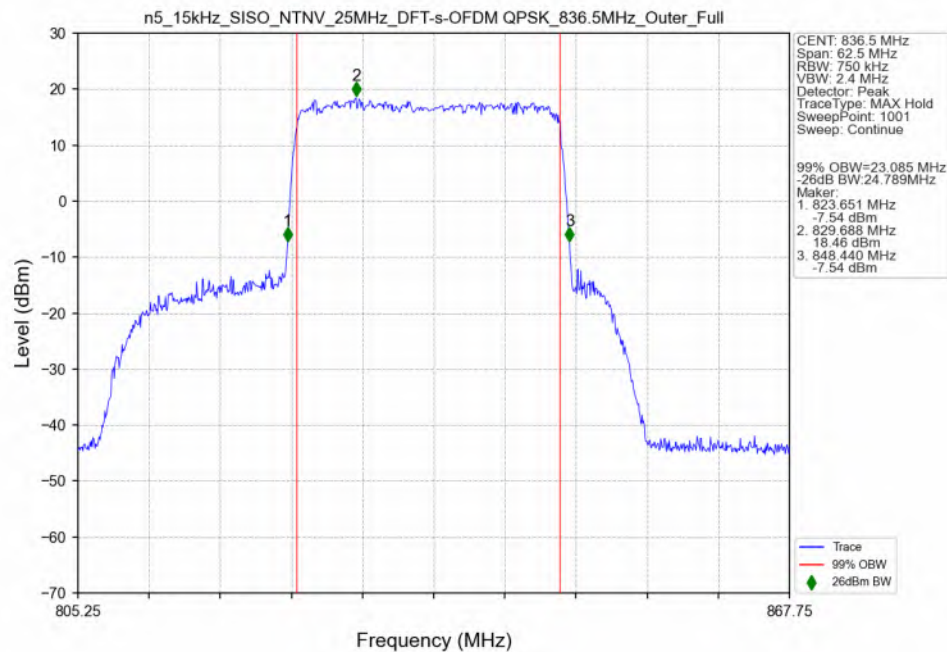


3.2.5 15_S_25M_NTNV

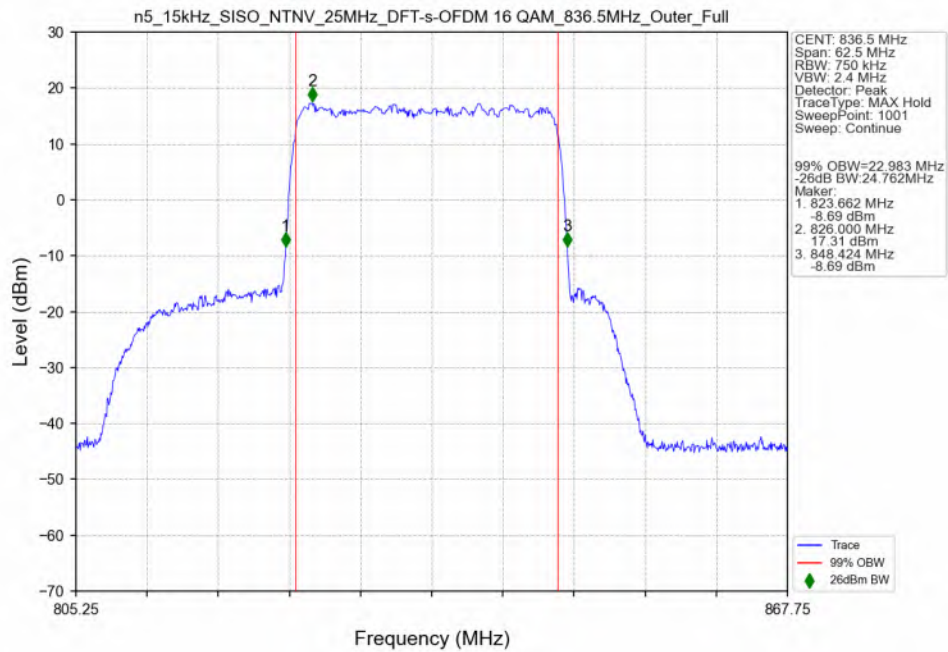
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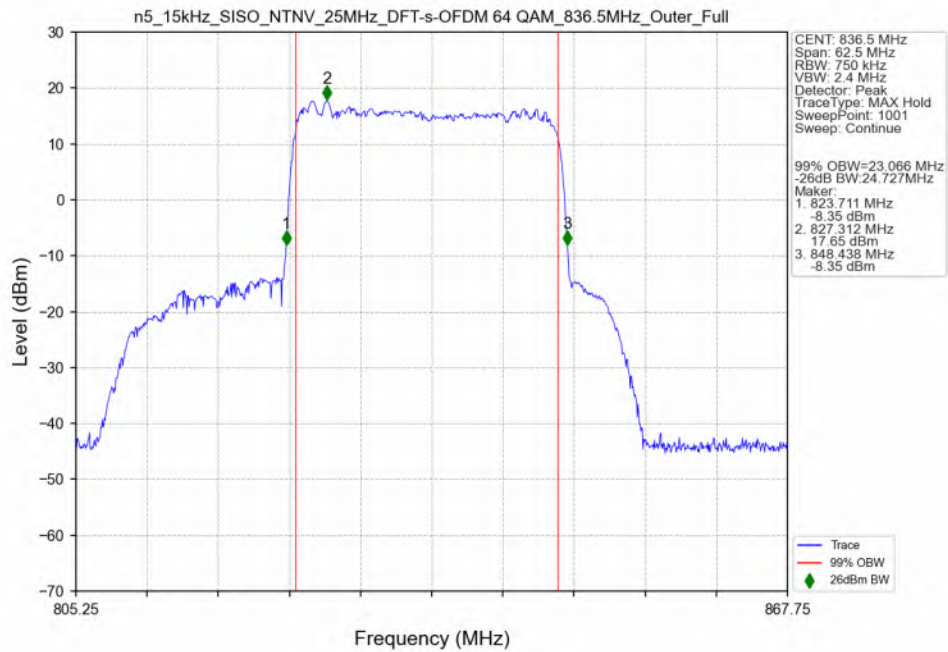
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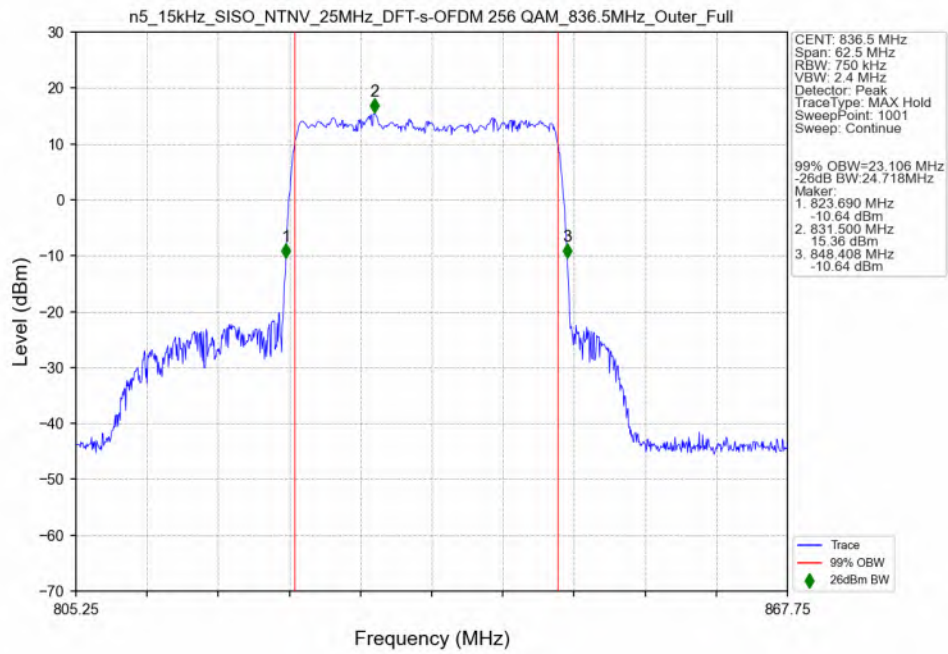
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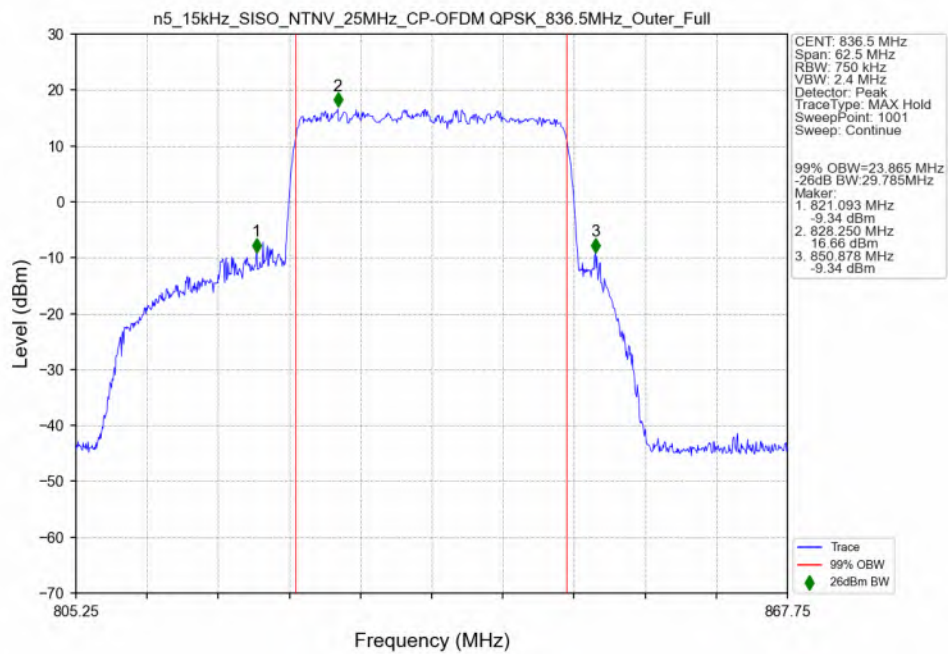
n5_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM 64 QAM 836.5MHz_Outer_Full_Ant2



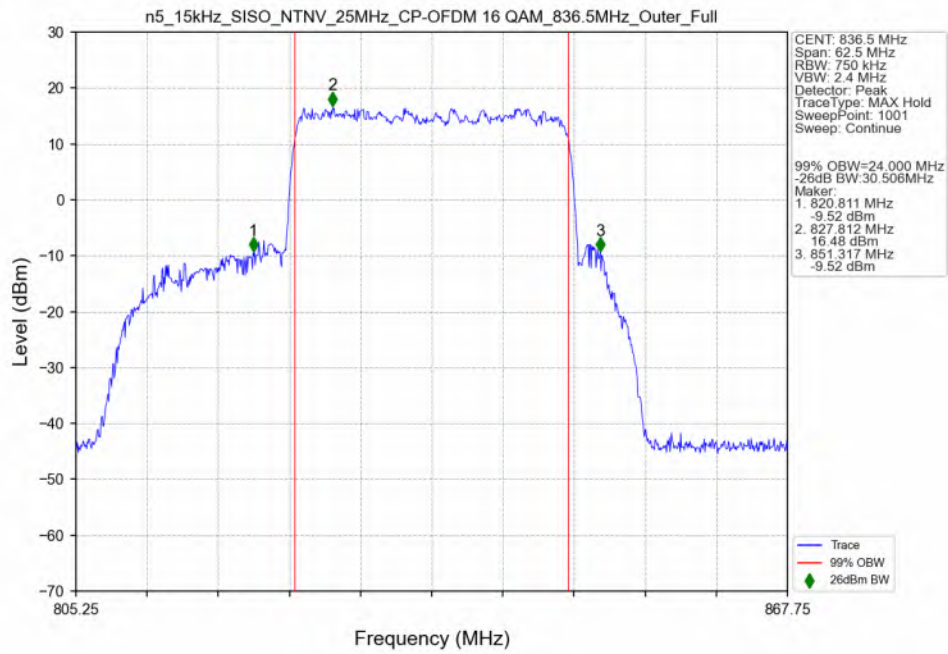
n5_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM_256_QAM_836.5MHz_Outer_Full_Ant2



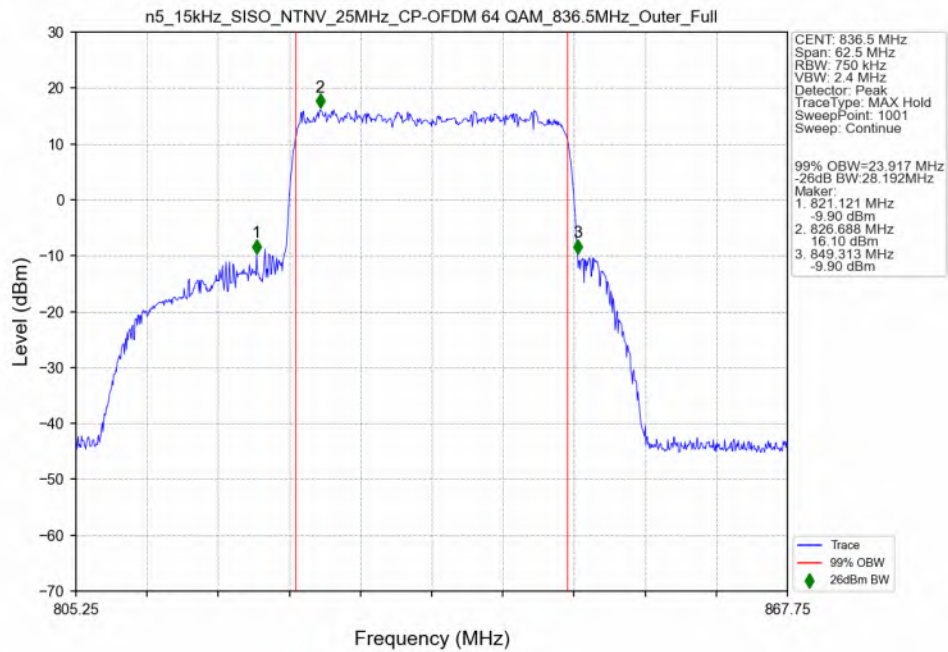
n5_15kHz_SISO_NTNV_25MHz_CP-OFDM_QPSK_836.5MHz_Outer_Full_Ant2



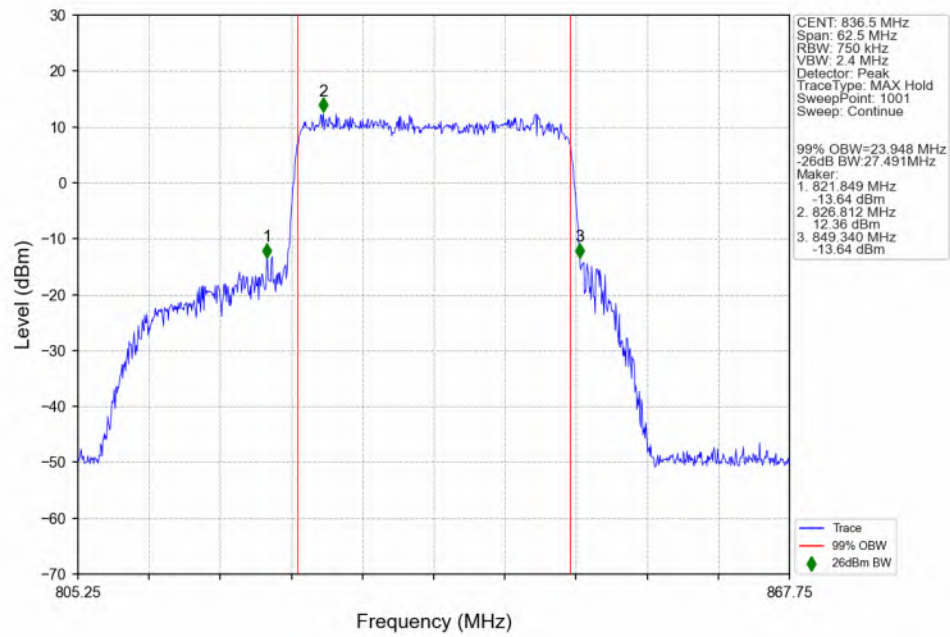
n5_15kHz_SISO_NTNV_25MHz_CP-OFDM 16 QAM 836.5MHz_Outer_Full_Ant2



n5_15kHz_SISO_NTNV_25MHz_CP-OFDM 64 QAM 836.5MHz_Outer_Full_Ant2



n5 15kHz SISO NTN 25MHz CP-OFDM 256 QAM 836.5MHz Outer Full Ant2



4. Peak-Average Ratio

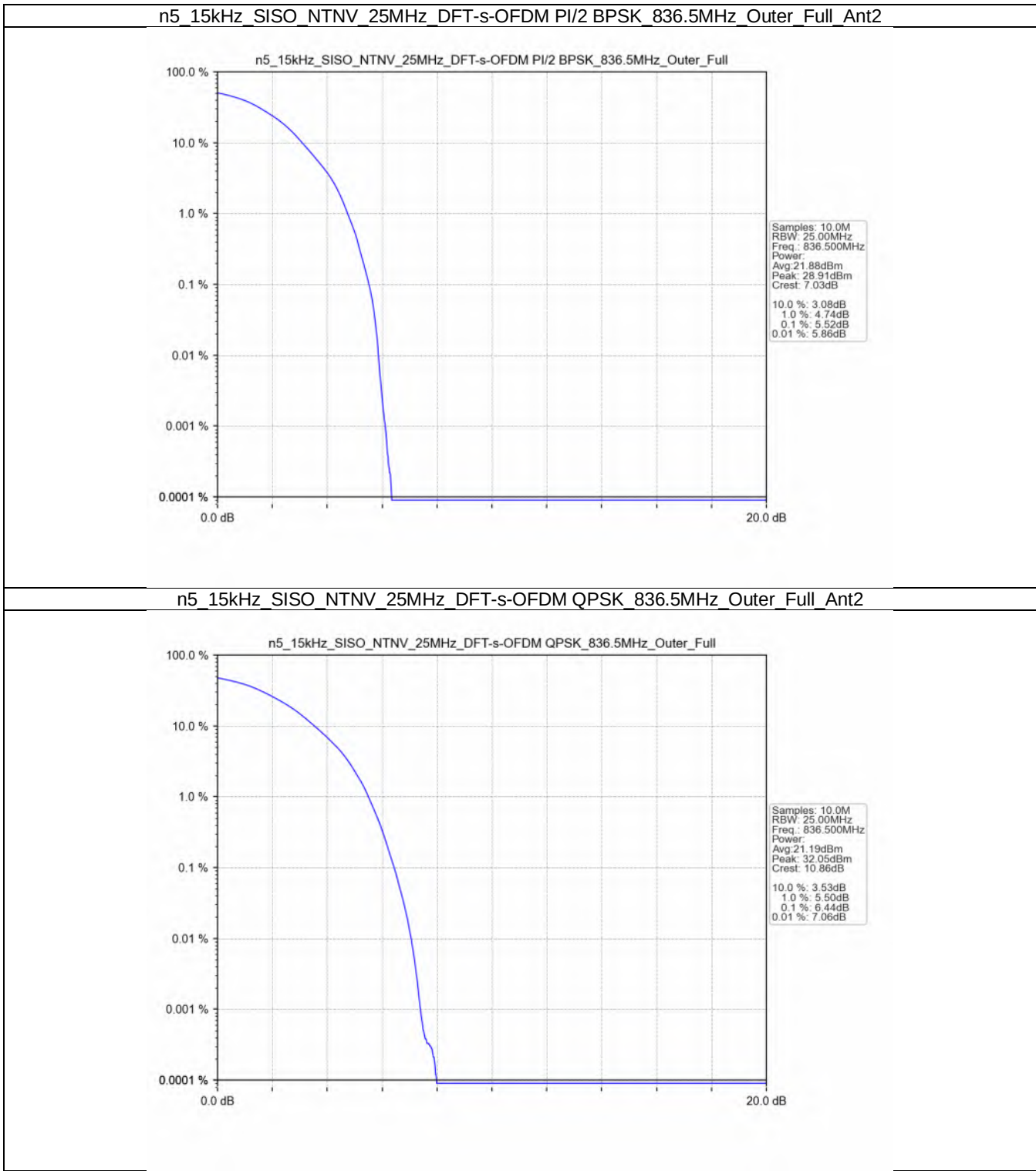
4.1 Test Result

4.1.1 15_S_25M_NTNV

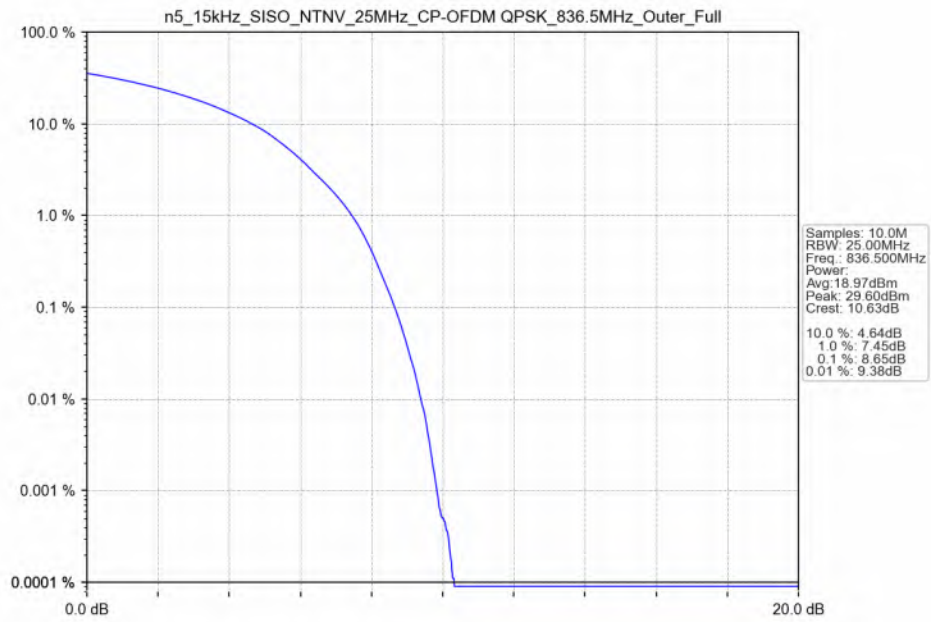
5G NR n5 SCS=15kHz SISO 25MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant2	Ant2*	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	836.5	Outer_Full	5.52	/	/	<=13	Pass
DFT-s-OFDM QPSK	836.5	Outer_Full	6.44	/	/	<=13	Pass
CP-OFDM QPSK	836.5	Outer_Full	8.65	/	/	<=13	Pass

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

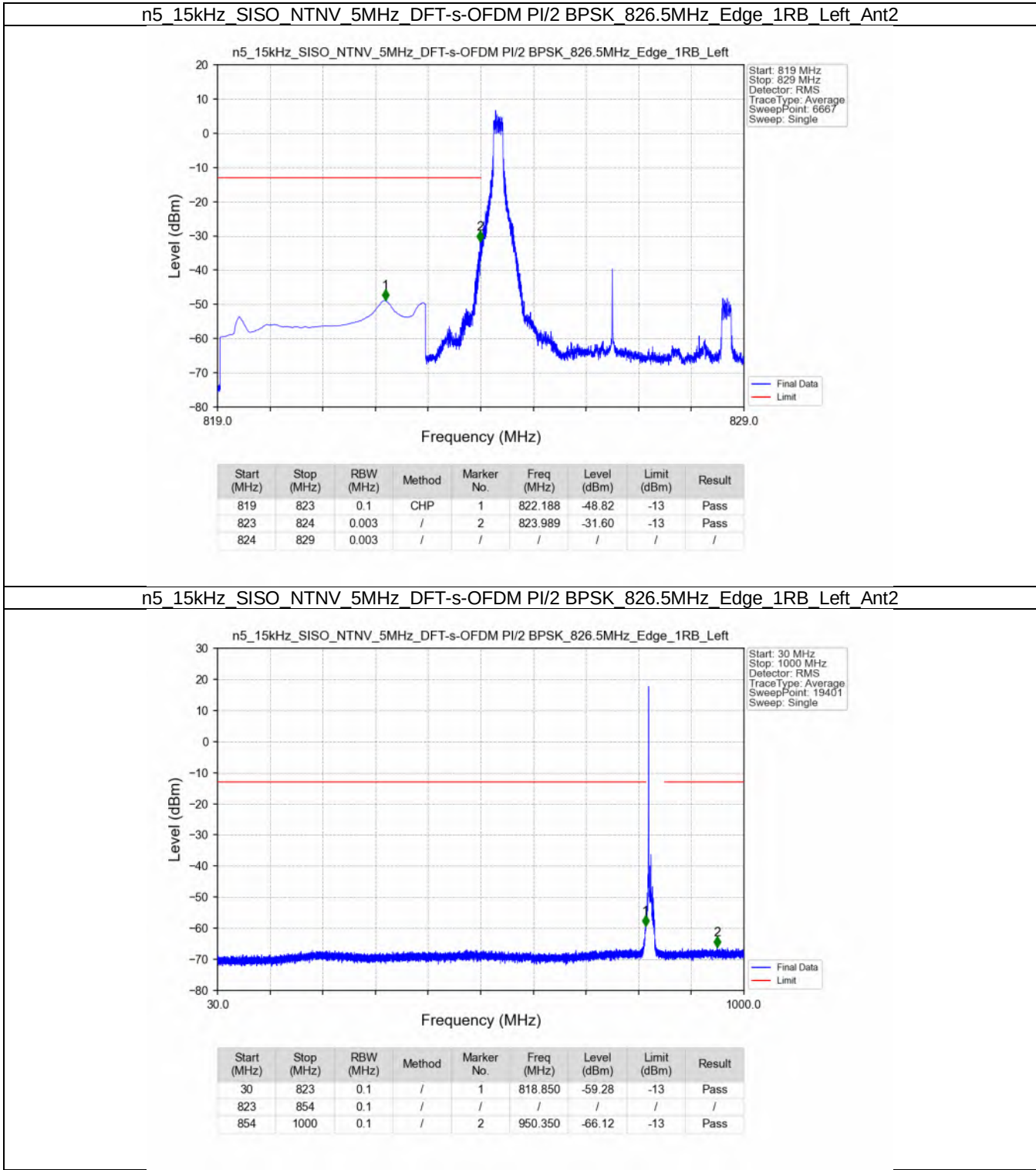
5G NR n5 SCS=15kHz SISO 15MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant2	Ant2*	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	831.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	836.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right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

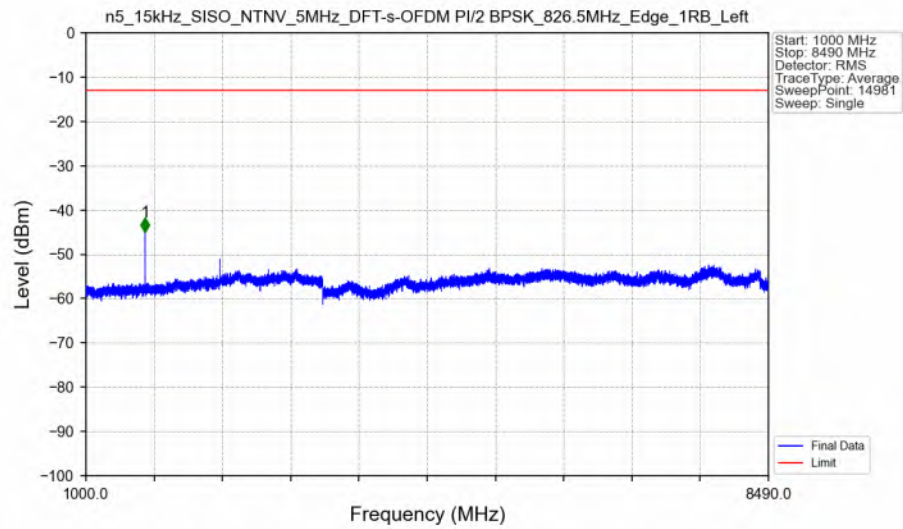
5G NR n5 SCS=15kHz SISO 25MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant2	Ant2*	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	836.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM QPSK	836.5	Edge_1RB_Left	Refer To Test Graph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

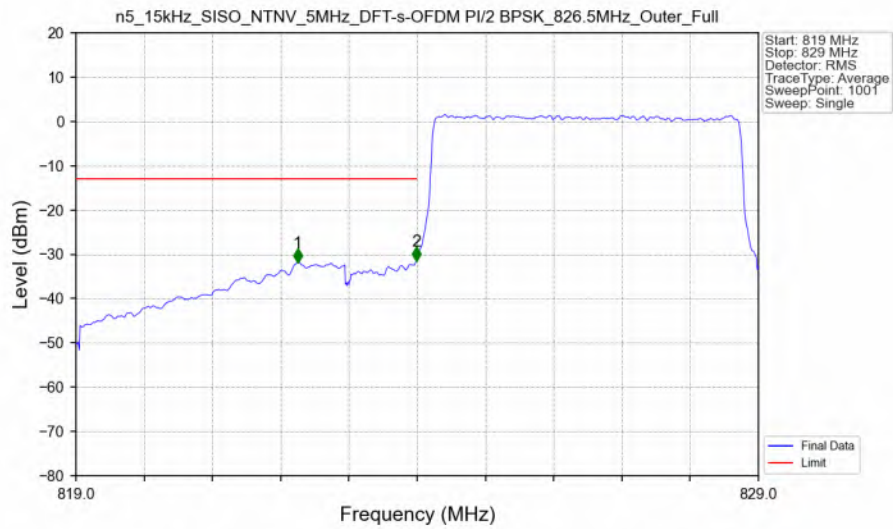


n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_826.5MHz_Edge_1RB_Left_Ant2



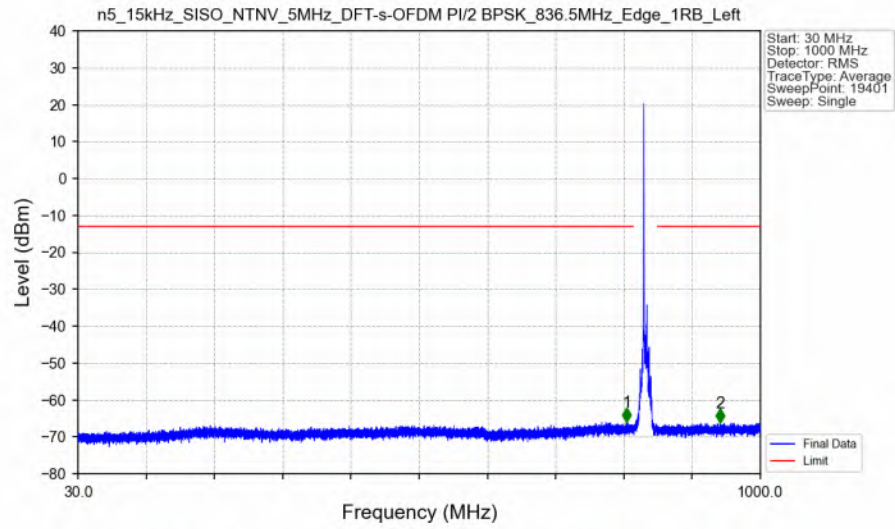
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1649.000	-44.90	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_826.5MHz_Outer_Full_Ant2



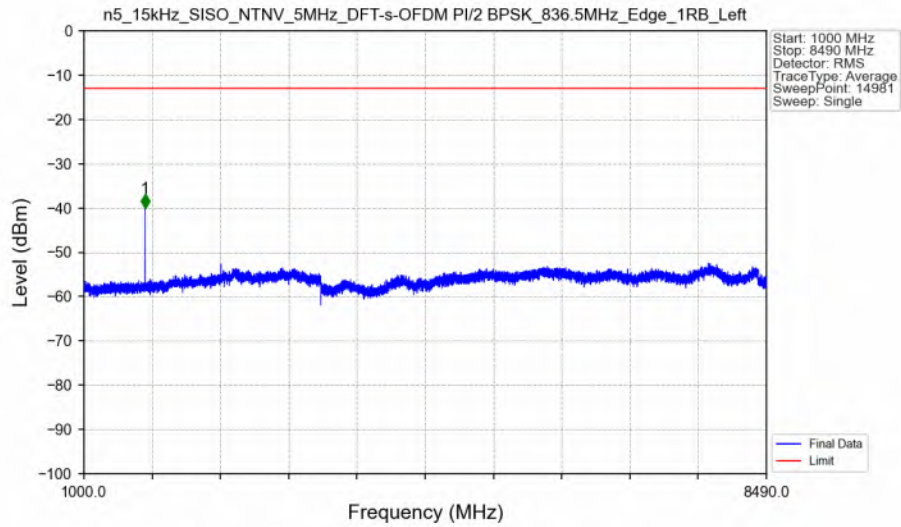
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.250	-31.78	-13	Pass
823	824	0.0498	CHP	2	823.990	-31.53	-13	Pass
824	829	0.0498	CHP	/	/	/	/	/

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_836.5MHz_Edge_1RB_Left_Ant2



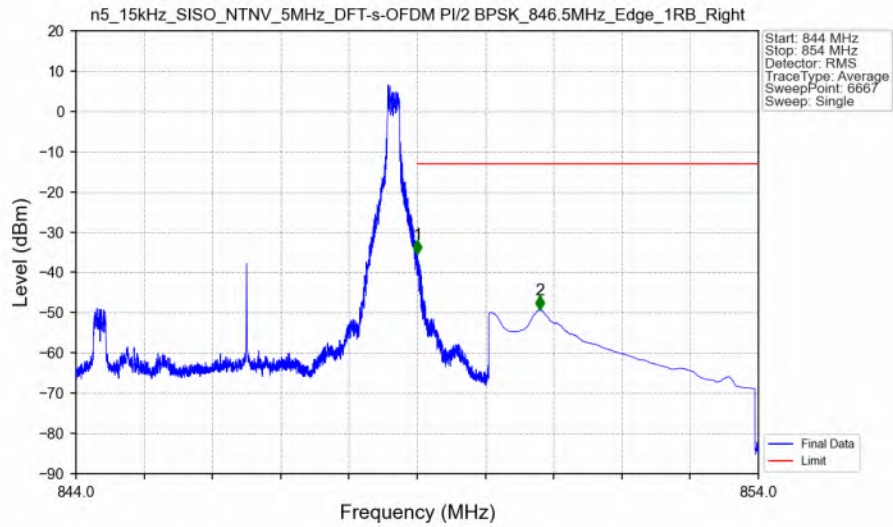
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	809.750	-65.93	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	942.950	-66.07	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_836.5MHz_Edge_1RB_Left_Ant2



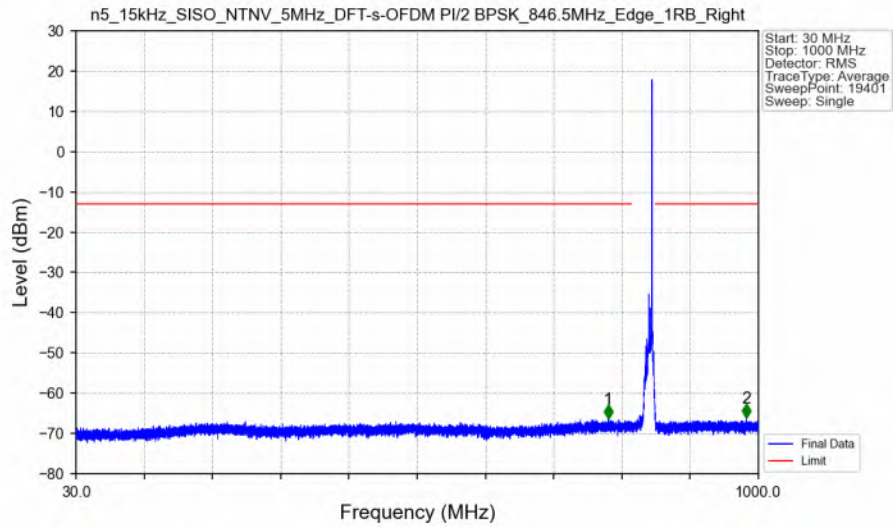
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1669.000	-40.04	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_846.5MHz_Edge_1RB_Right_Ant2



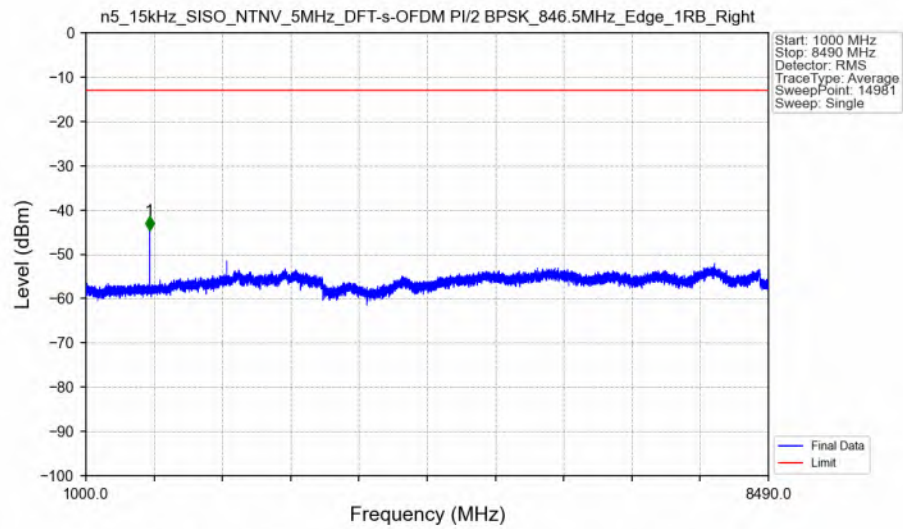
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.005	-35.48	-13	Pass
850	854	0.1	CHP	2	850.802	-49.35	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_846.5MHz_Edge_1RB_Right_Ant2



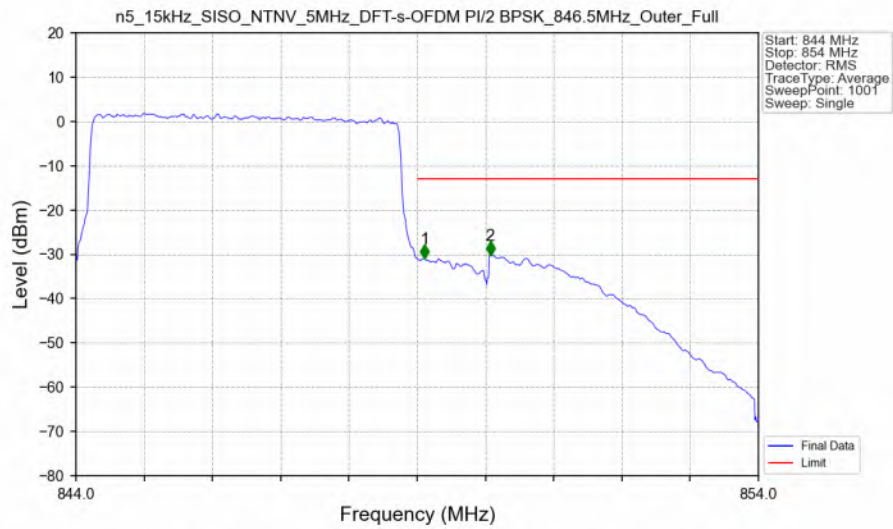
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	786.700	-66.31	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	983.250	-66.13	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_846.5MHz_Edge_1RB_Right_Ant2



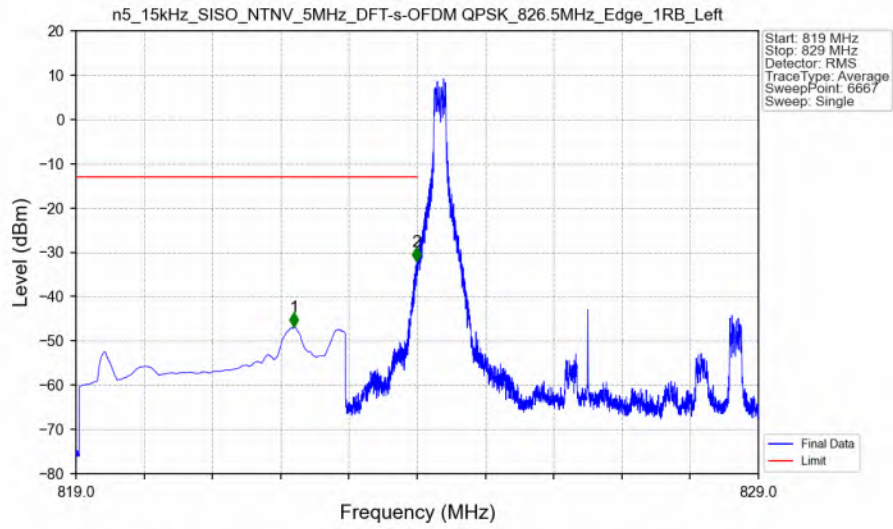
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1697.500	-44.62	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_846.5MHz_Outer_Full_Ant2



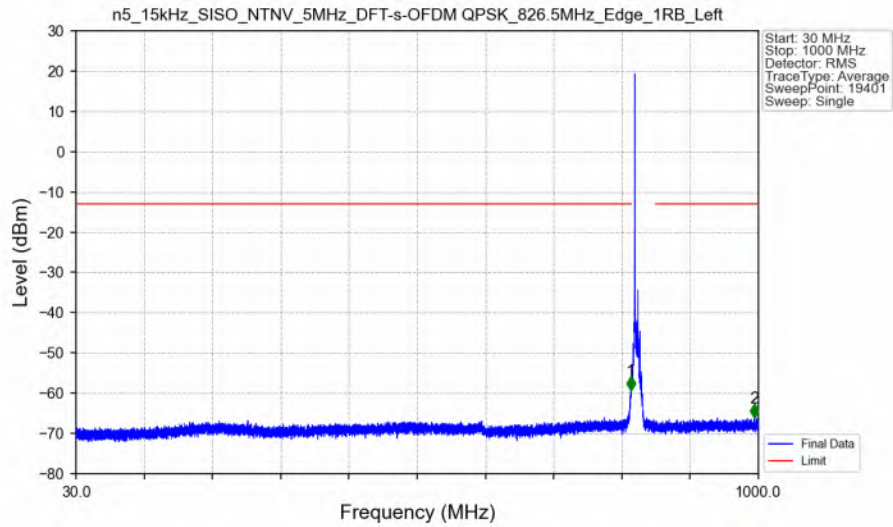
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.0498	CHP	/	/	/	/	/
849	850	0.0498	CHP	1	849.110	-30.95	-13	Pass
850	854	0.1	CHP	2	850.070	-30.23	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_826.5MHz_Edge_1RB_Left_Ant2



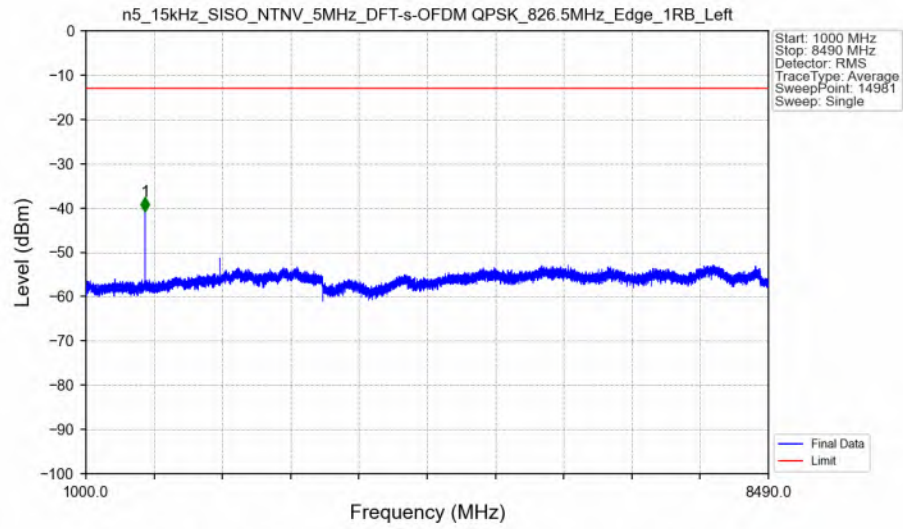
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.195	-46.87	-13	Pass
823	824	0.003	/	2	823.994	-32.00	-13	Pass
824	829	0.003	/	/	/	/	/	/

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_826.5MHz_Edge_1RB_Left_Ant2



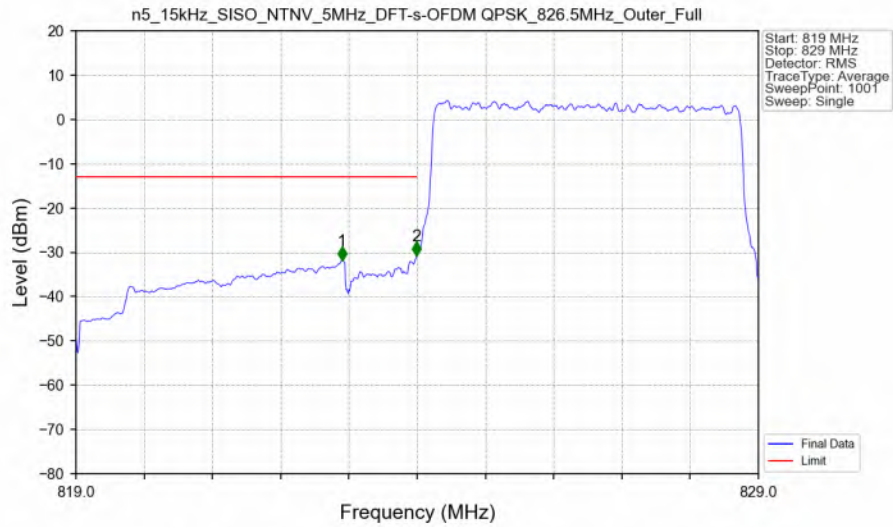
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.500	-59.26	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	994.350	-66.13	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_826.5MHz_Edge_1RB_Left_Ant2



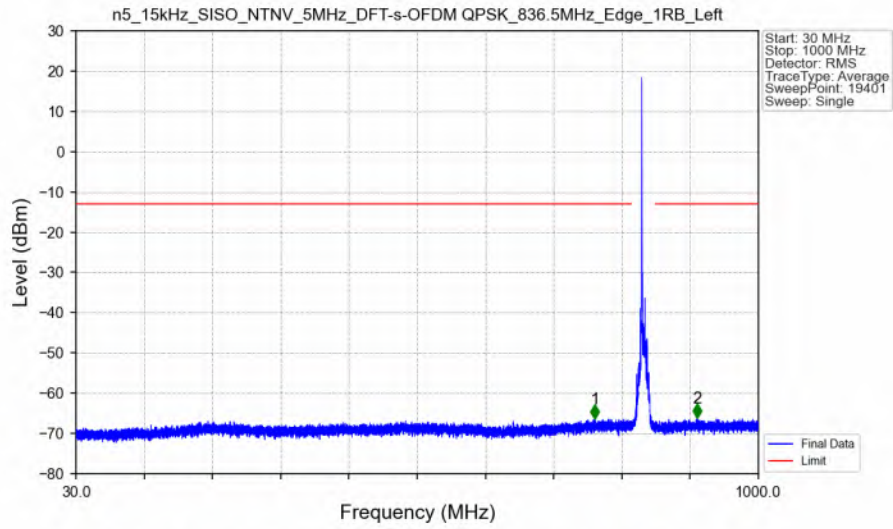
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1649.000	-40.69	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_826.5MHz_Outer_Full_Ant2

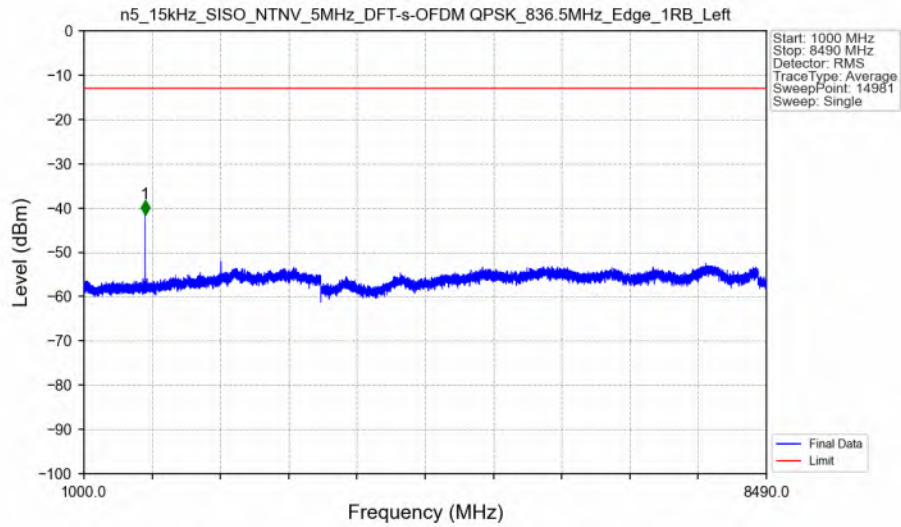


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.900	-31.85	-13	Pass
823	824	0.0498	CHP	2	823.990	-30.77	-13	Pass
824	829	0.0498	CHP	/	/	/	/	/

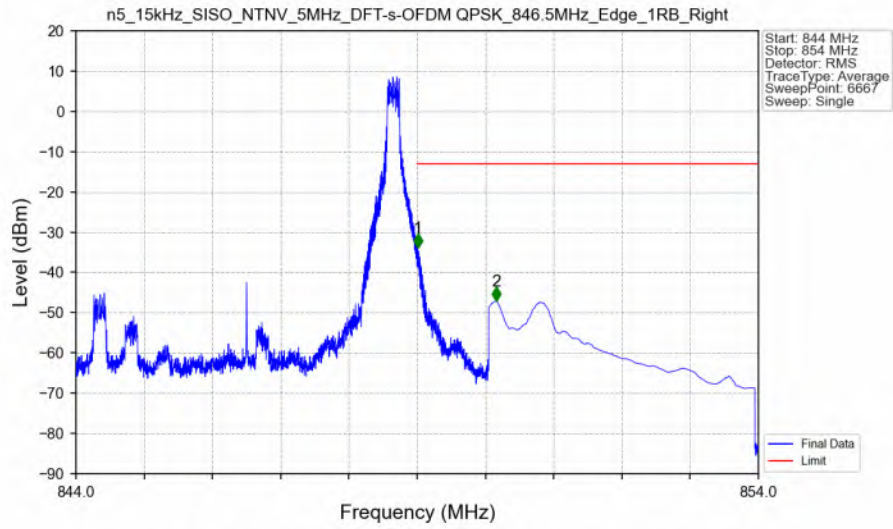
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant2



n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant2

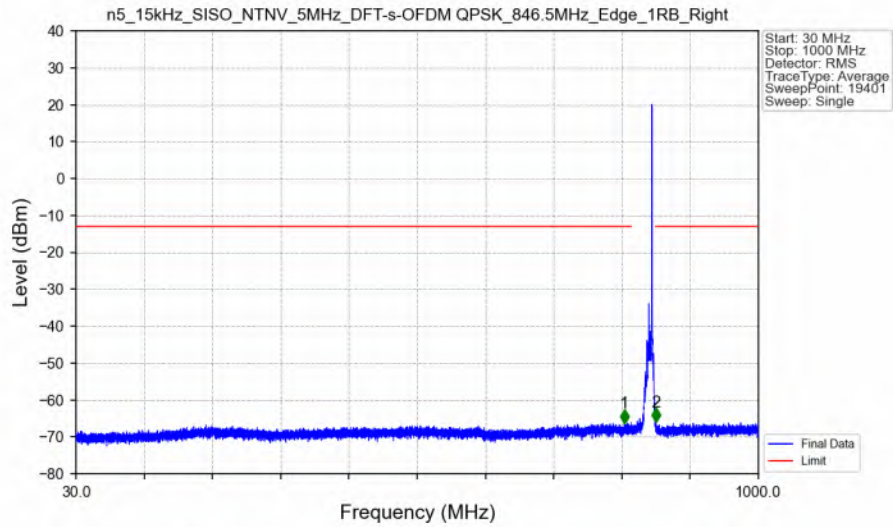


n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_846.5MHz_Edge_1RB_Right_Ant2



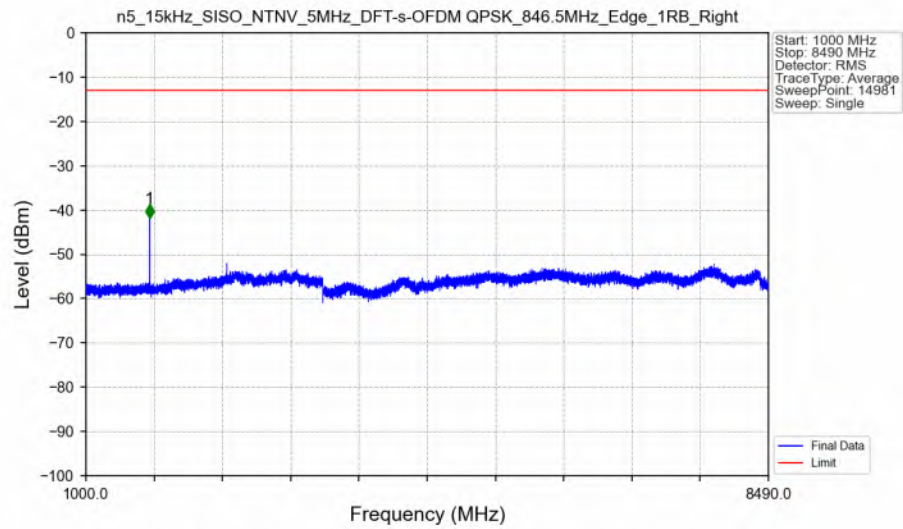
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.008	-33.88	-13	Pass
850	854	0.1	CHP	2	850.157	-47.13	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_846.5MHz_Edge_1RB_Right_Ant2

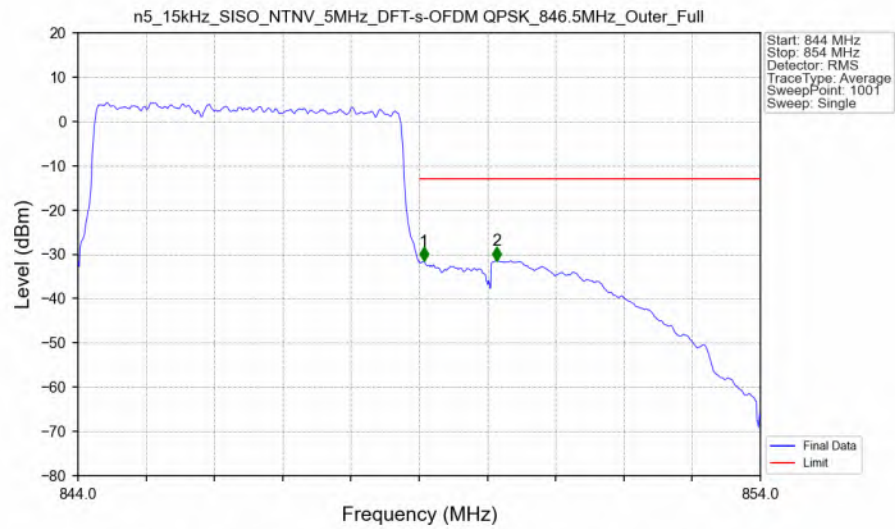


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	809.500	-66.28	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	854.250	-65.96	-13	Pass

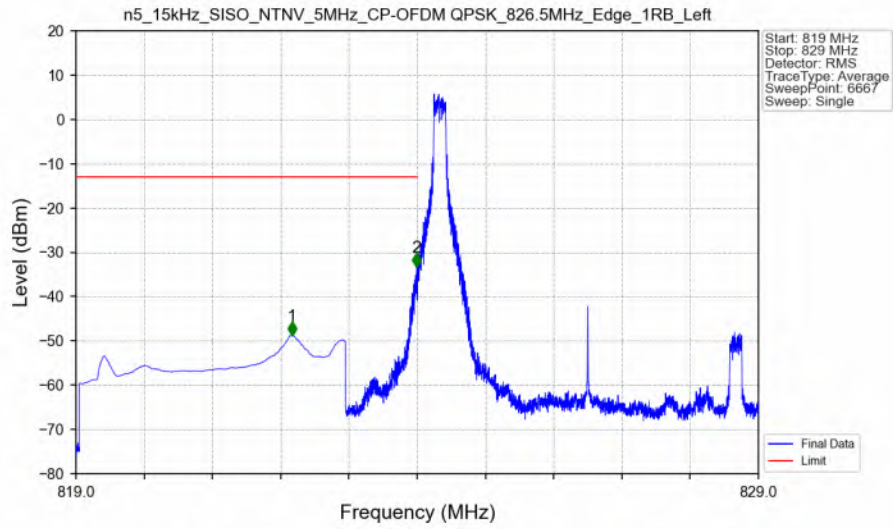
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_846.5MHz_Edge_1RB_Right_Ant2



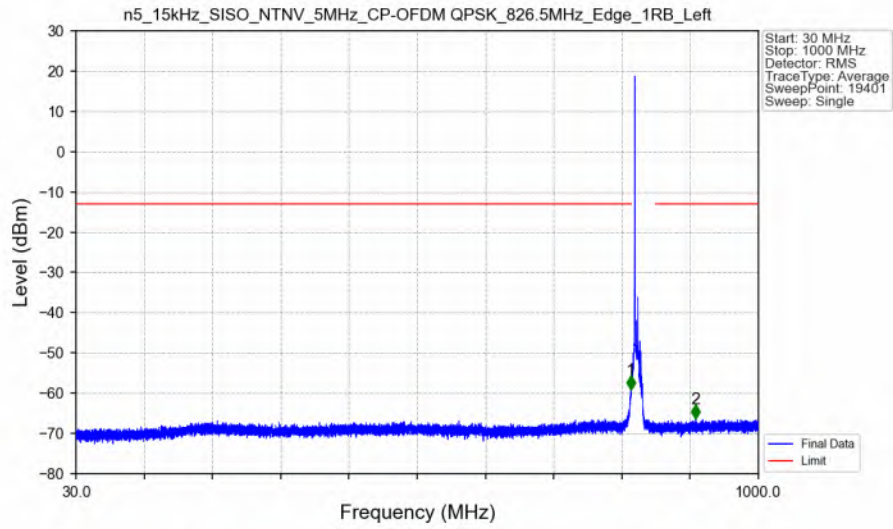
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_846.5MHz_Outer_Full_Ant2



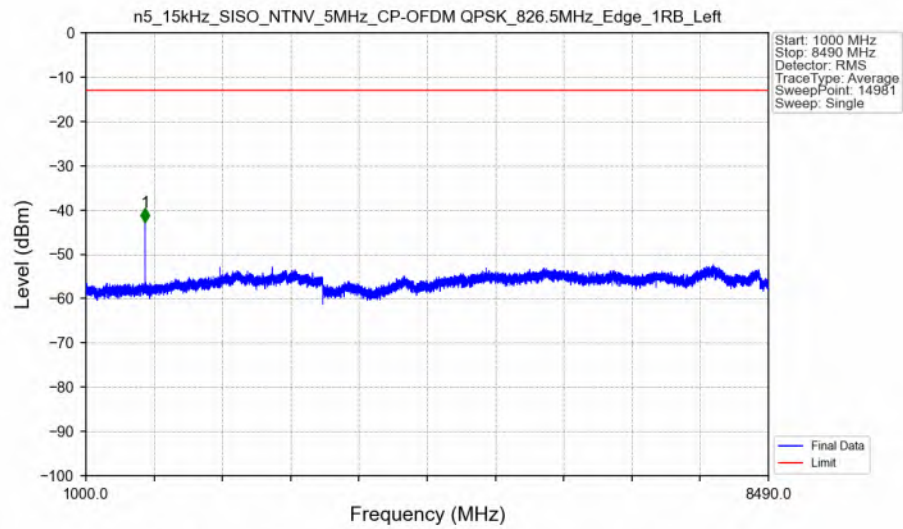
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_826.5MHz_Edge_1RB_Left_Ant2



n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_826.5MHz_Edge_1RB_Left_Ant2

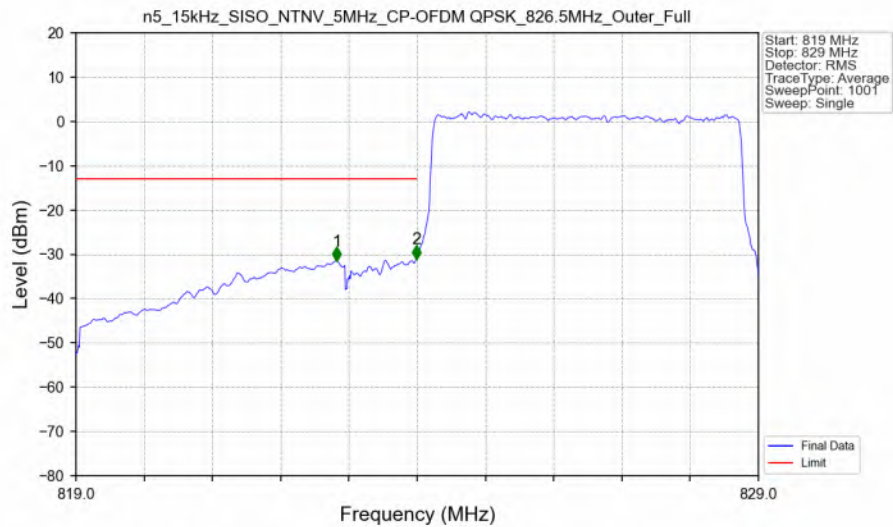


n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_826.5MHz_Edge_1RB_Left_Ant2



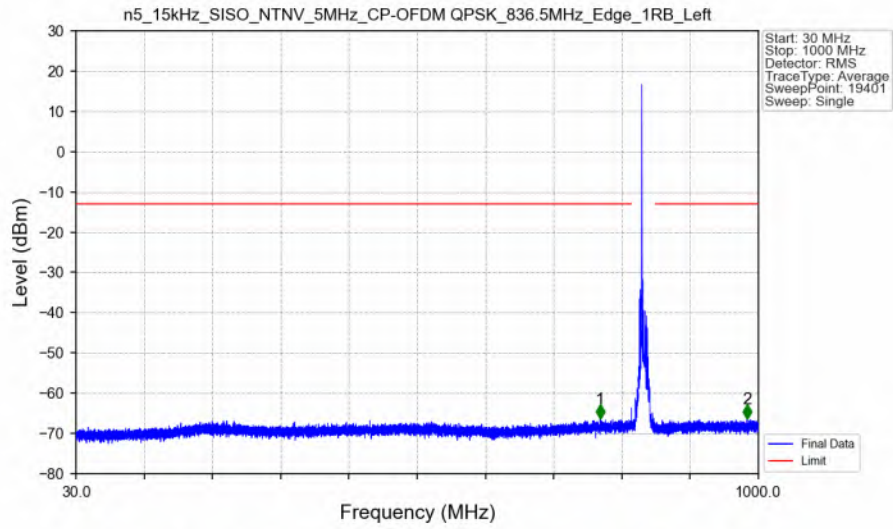
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1649.000	-42.78	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_826.5MHz_Outer_Full_Ant2

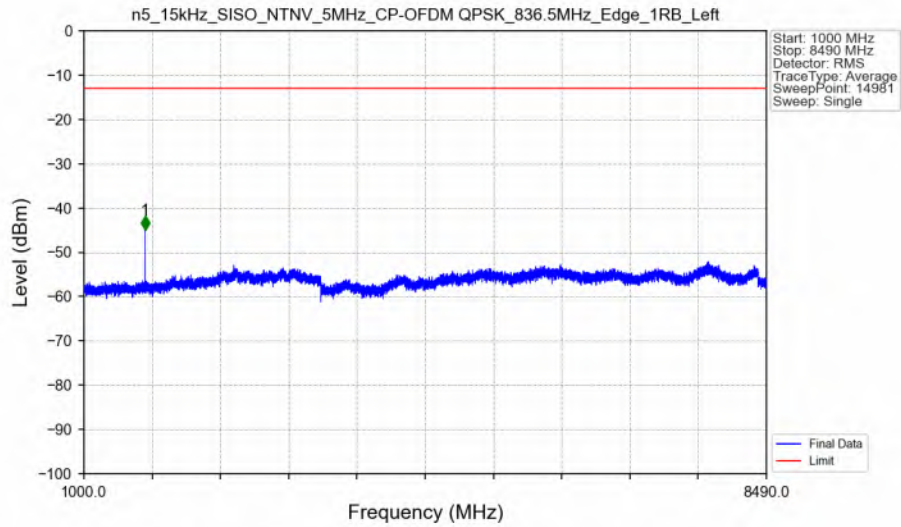


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.820	-31.44	-13	Pass
823	824	0.0498	CHP	2	823.990	-31.04	-13	Pass
824	829	0.0498	CHP	/	/	/	/	/

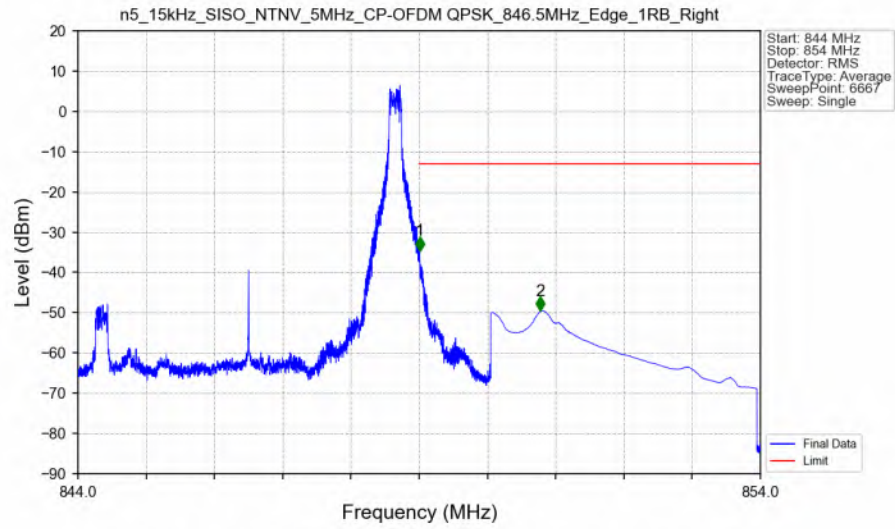
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant2



n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant2

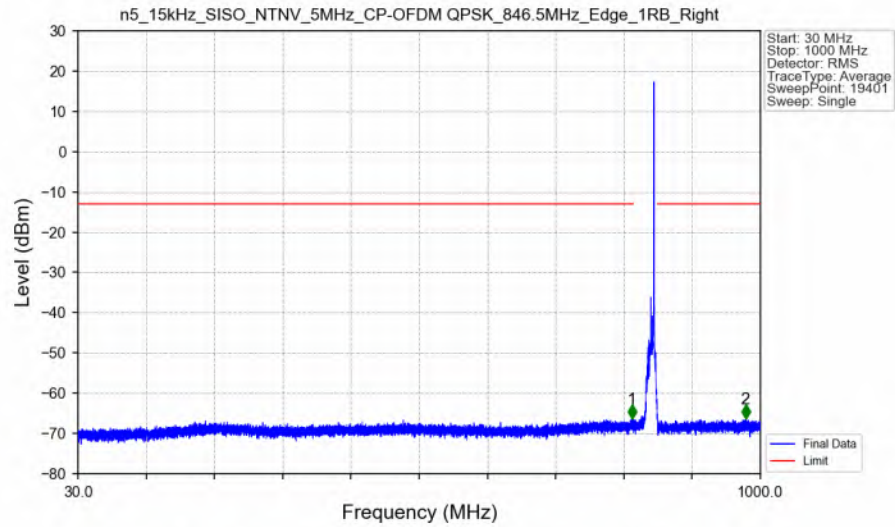


n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_846.5MHz_Edge_1RB_Right_Ant2



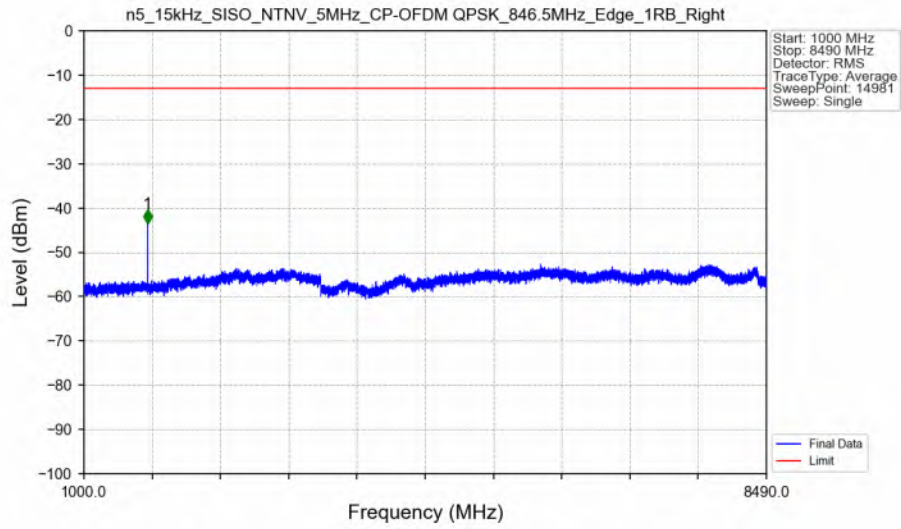
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.006	-34.54	-13	Pass
850	854	0.1	CHP	2	850.773	-49.49	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_846.5MHz_Edge_1RB_Right_Ant2



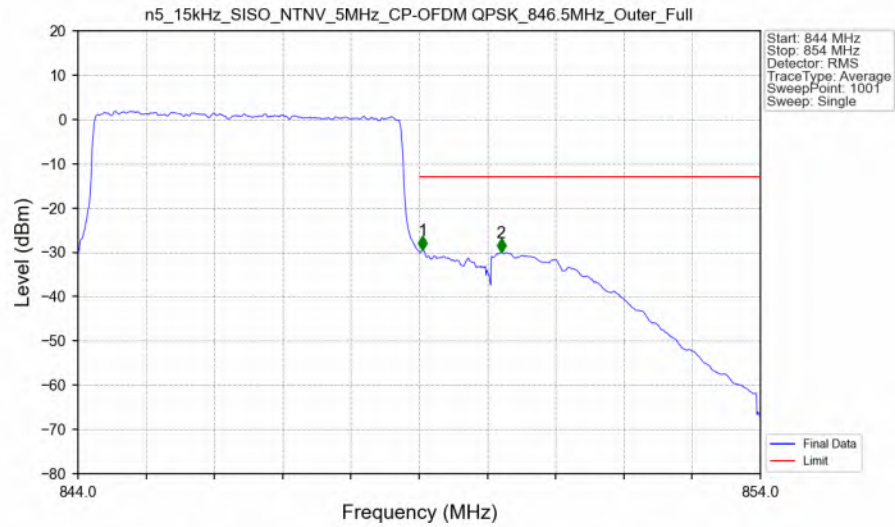
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	817.500	-66.41	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	978.950	-66.41	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_846.5MHz_Edge_1RB_Right Ant2



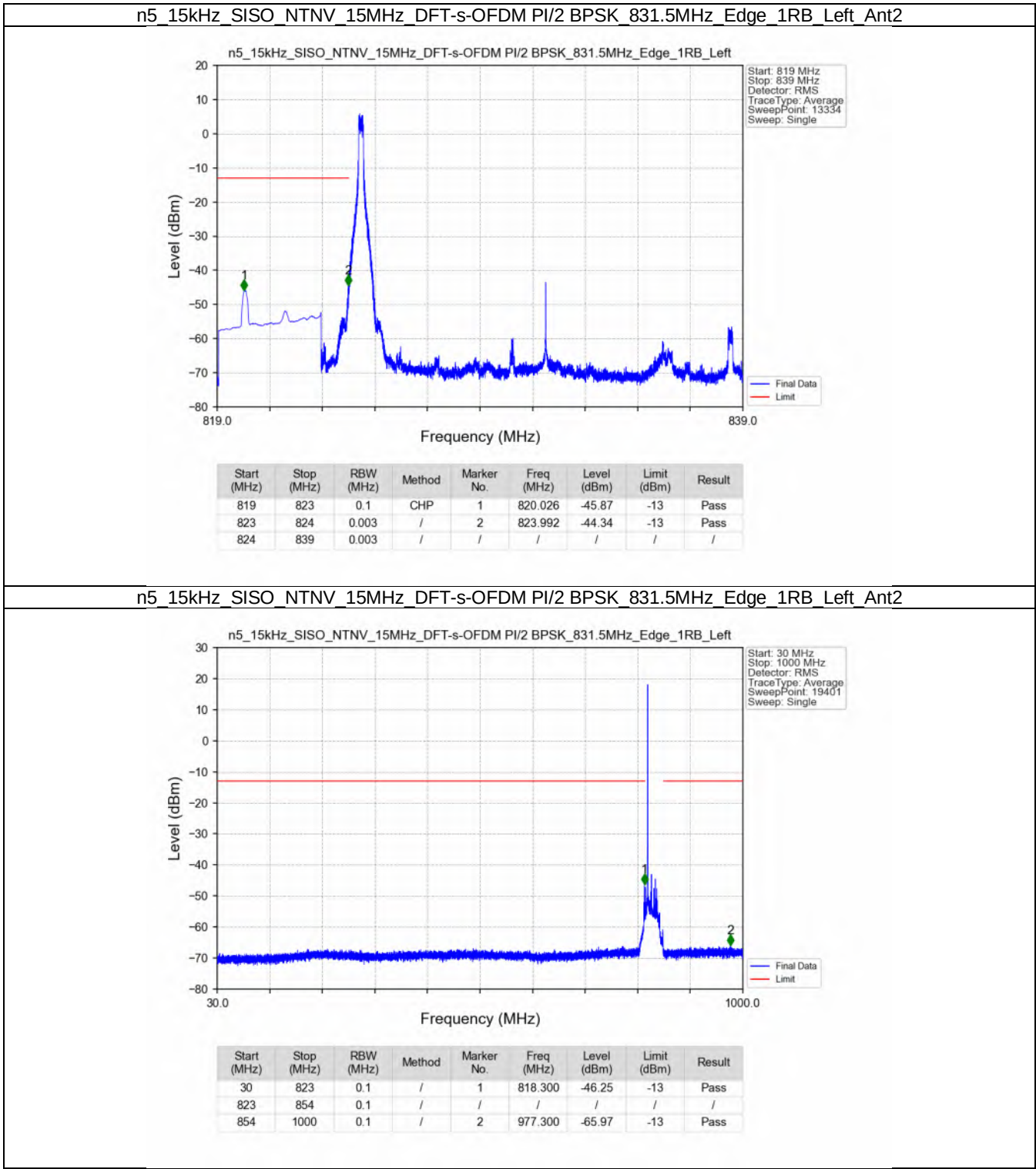
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1697.500	-43.52	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_846.5MHz_Outer_Full Ant2

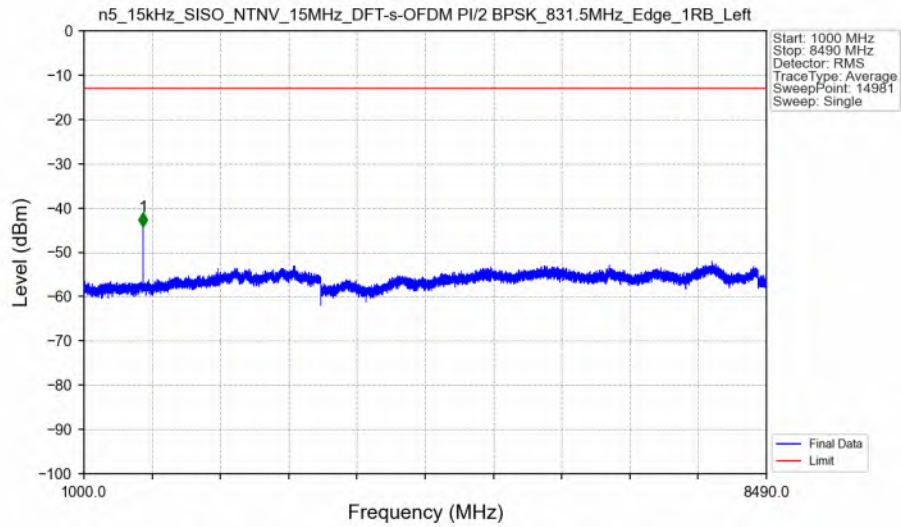


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.0498	CHP	/	/	/	/	/
849	850	0.0498	CHP	1	849.050	-29.46	-13	Pass
850	854	0.1	CHP	2	850.200	-29.99	-13	Pass

5.2.2 15_S_15M_NTNV

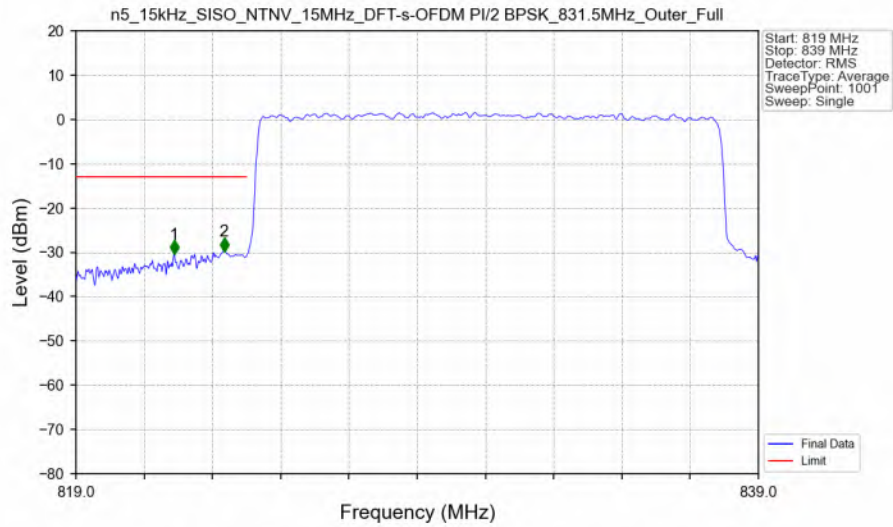


n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_831.5MHz_Edge_1RB_Left_Ant2



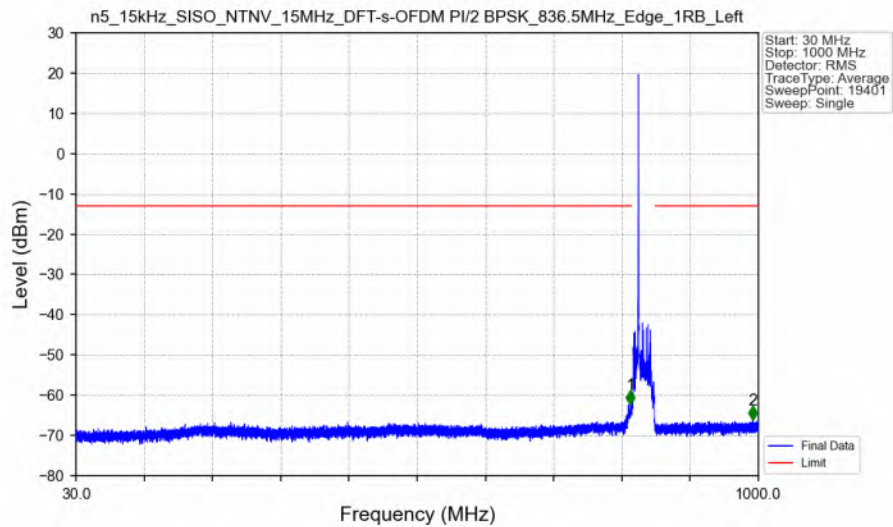
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1649.000	-44.28	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_831.5MHz_Outer_Full_Ant2



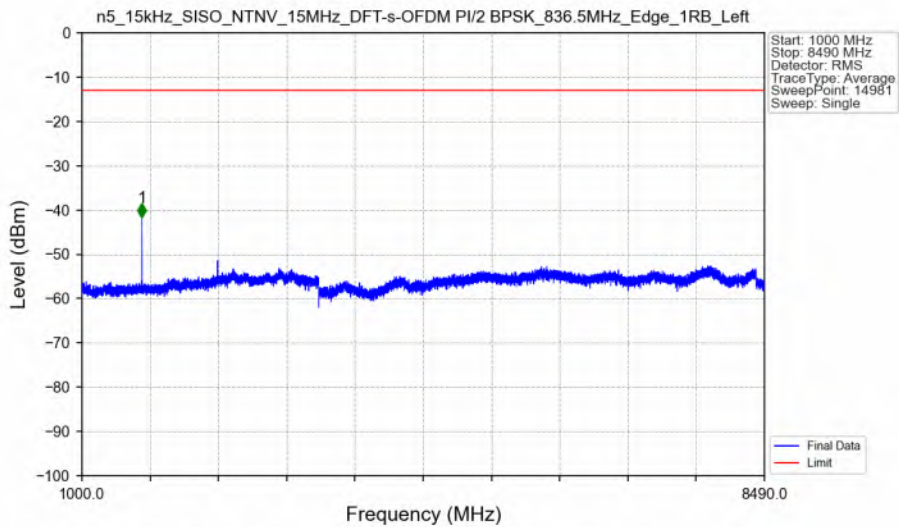
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	/	1	821.880	-30.37	-13	Pass
823	824	0.14613	CHP	2	823.340	-29.76	-13	Pass
824	839	0.14613	CHP	/	/	/	/	/

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_836.5MHz_Edge_1RB_Left_Ant2



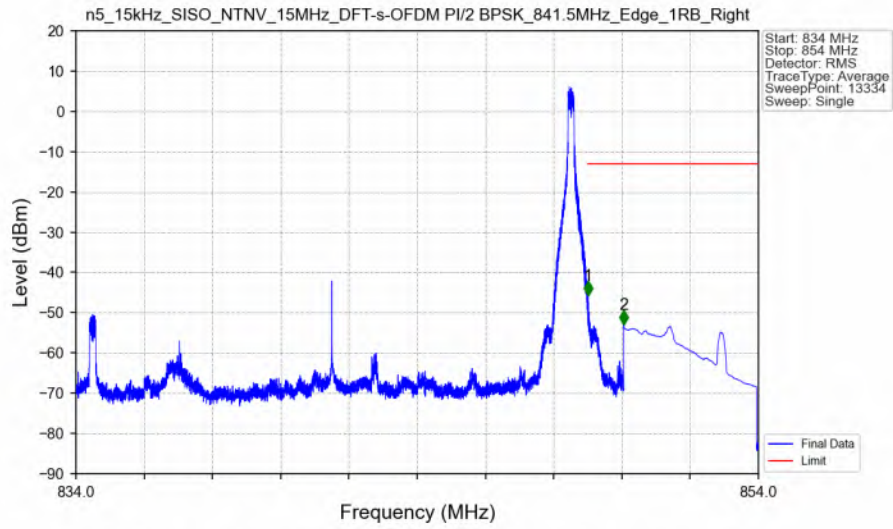
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.050	-62.25	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	992.050	-66.05	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_836.5MHz_Edge_1RB_Left_Ant2



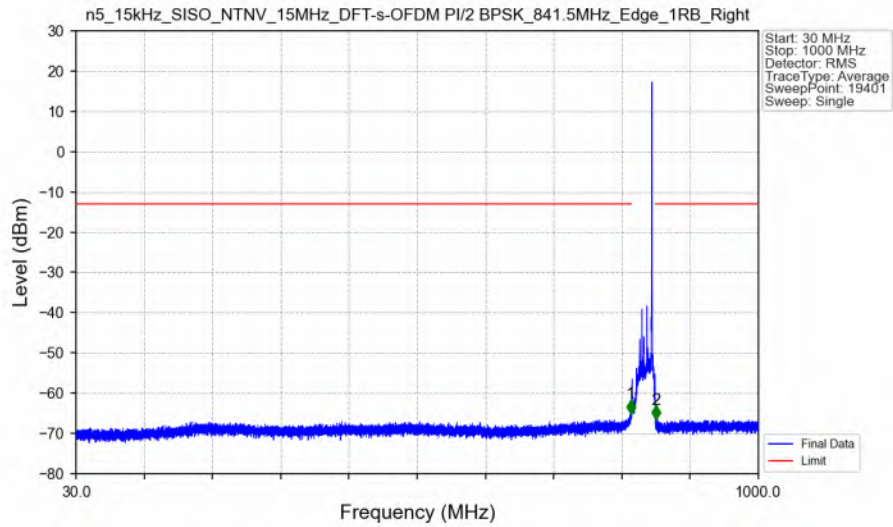
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1659.000	-41.63	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_841.5MHz_Edge_1RB_Right_Ant2



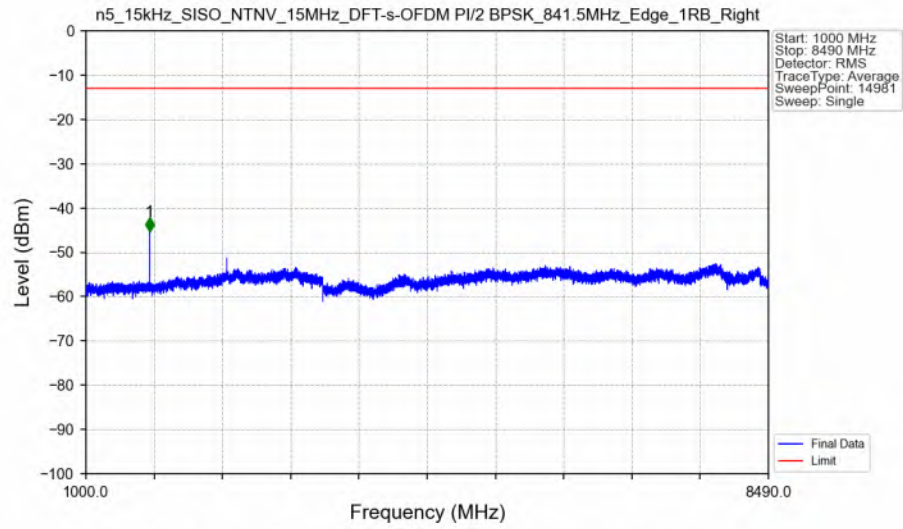
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.006	-45.72	-13	Pass
850	854	0.1	CHP	2	850.050	-52.96	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_841.5MHz_Edge_1RB_Right_Ant2



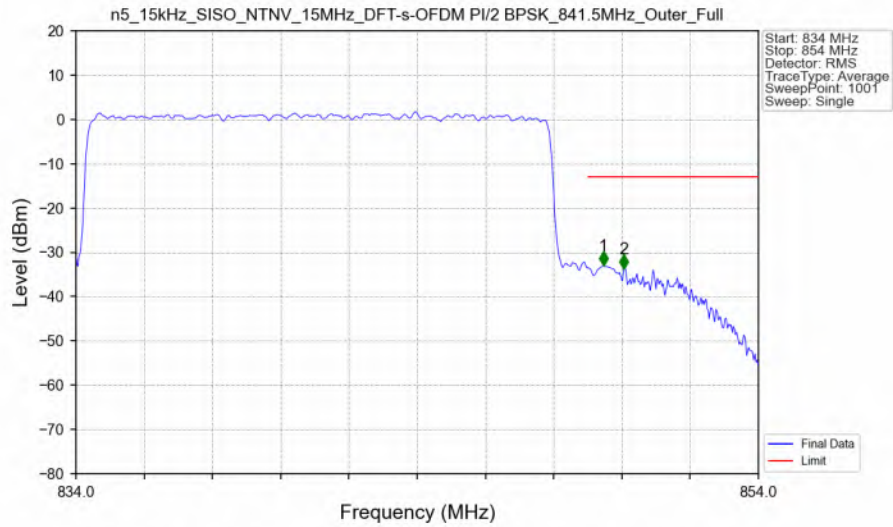
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.850	-65.01	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	854.300	-66.43	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_841.5MHz_Edge_1RB_Right_Ant2



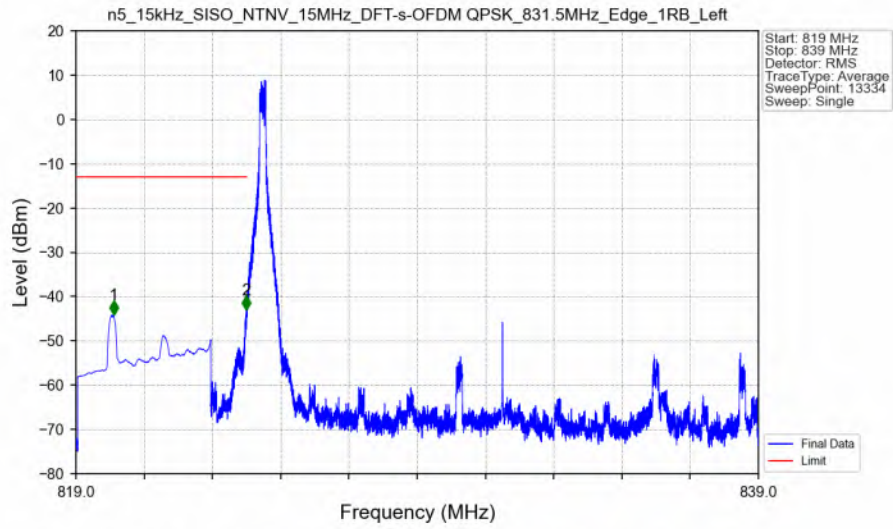
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1697.000	-45.26	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_841.5MHz_Outer_Full_Ant2

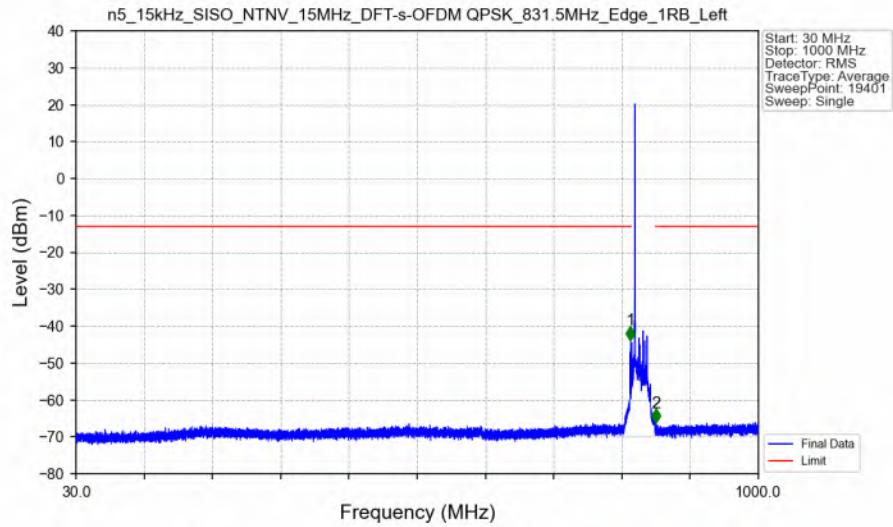


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.14613	CHP	/	/	/	/	/
849	850	0.14613	CHP	1	849.460	-33.03	-13	Pass
850	854	0.1	/	2	850.060	-33.62	-13	Pass

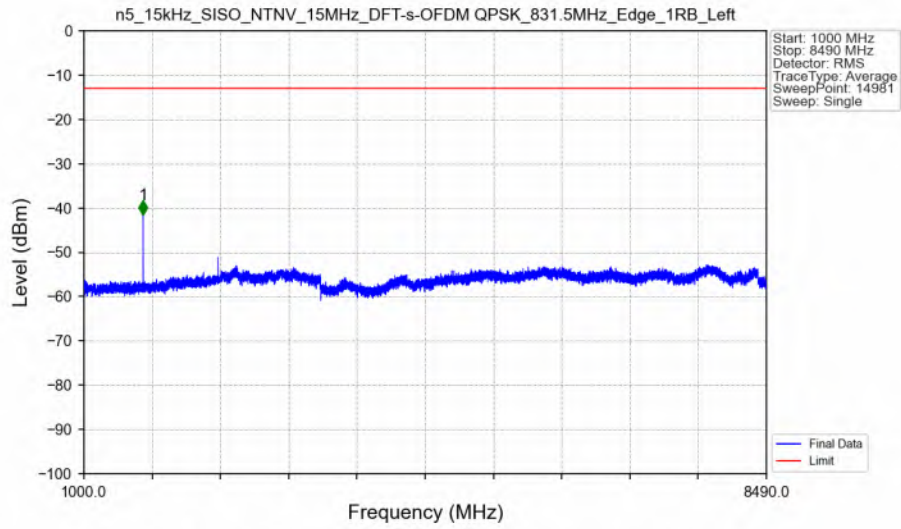
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_831.5MHz_Edge_1RB_Left_Ant2



n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_831.5MHz_Edge_1RB_Left_Ant2

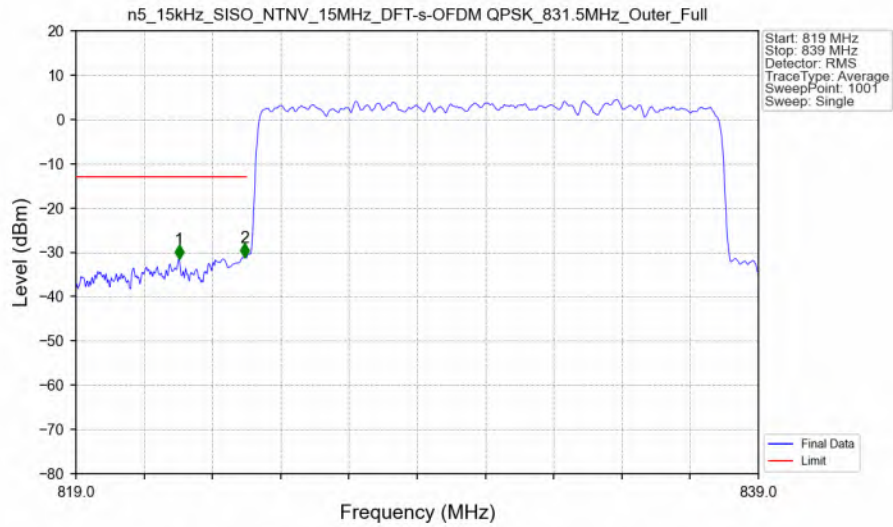


n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_831.5MHz_Edge_1RB_Left_Ant2



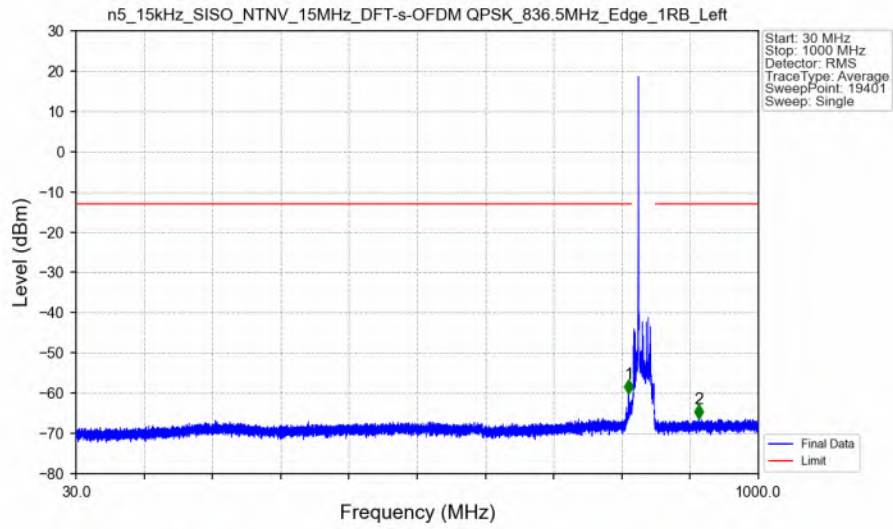
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1649.000	-41.56	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_831.5MHz_Outer_Full_Ant2



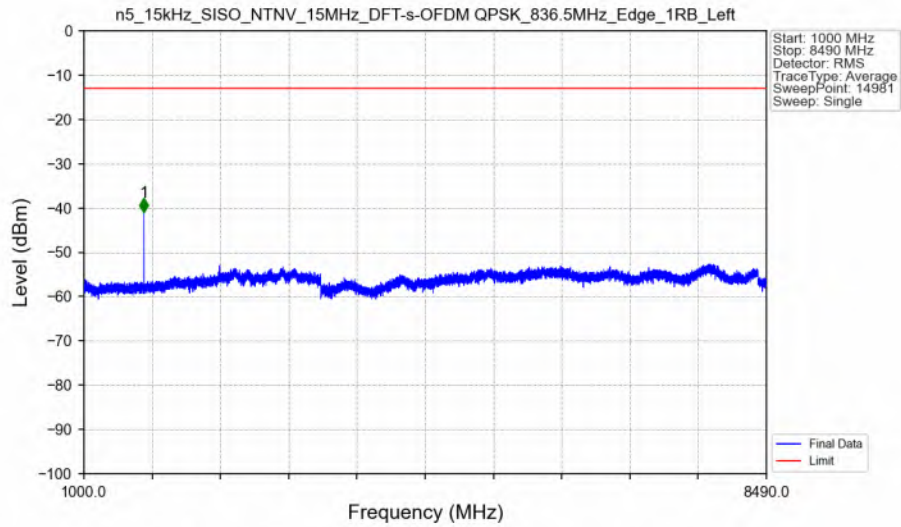
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	/	1	822.020	-31.52	-13	Pass
823	824	0.14613	CHP	2	823.940	-31.16	-13	Pass
824	839	0.14613	CHP	/	/	/	/	/

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant2



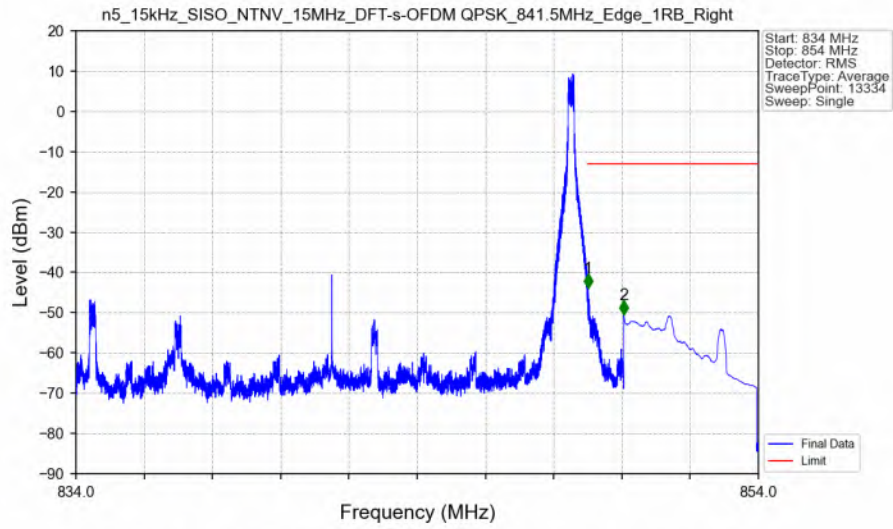
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	815.500	-60.10	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	915.250	-66.39	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant2



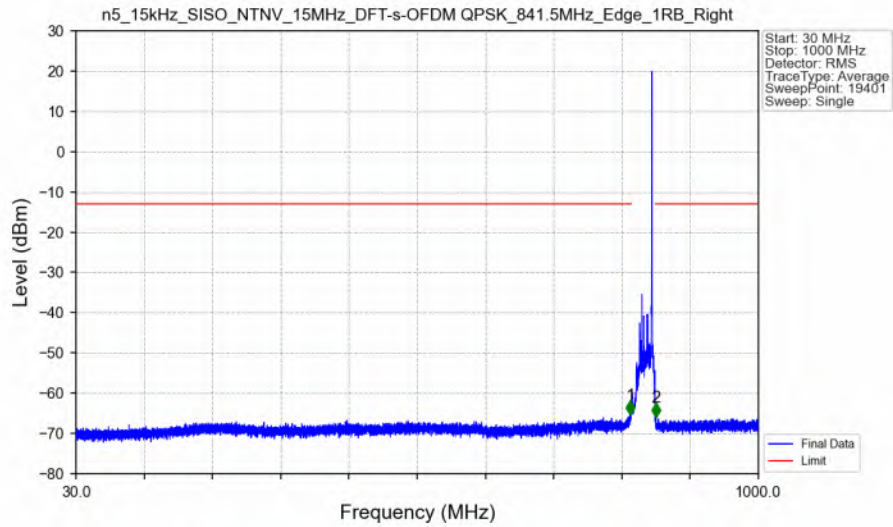
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1659.000	-40.99	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_841.5MHz_Edge_1RB_Ant2



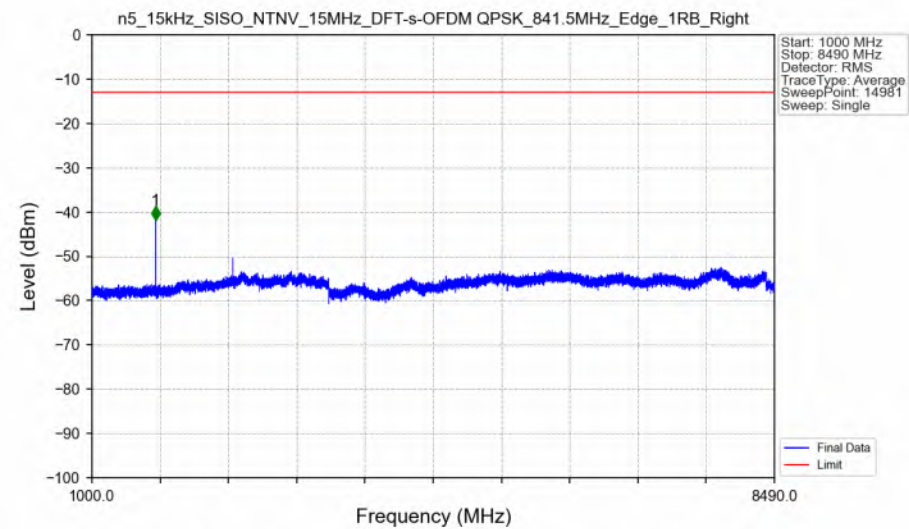
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.006	-43.81	-13	Pass
850	854	0.1	CHP	2	850.050	-50.41	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_841.5MHz_Edge_1RB_Ant2



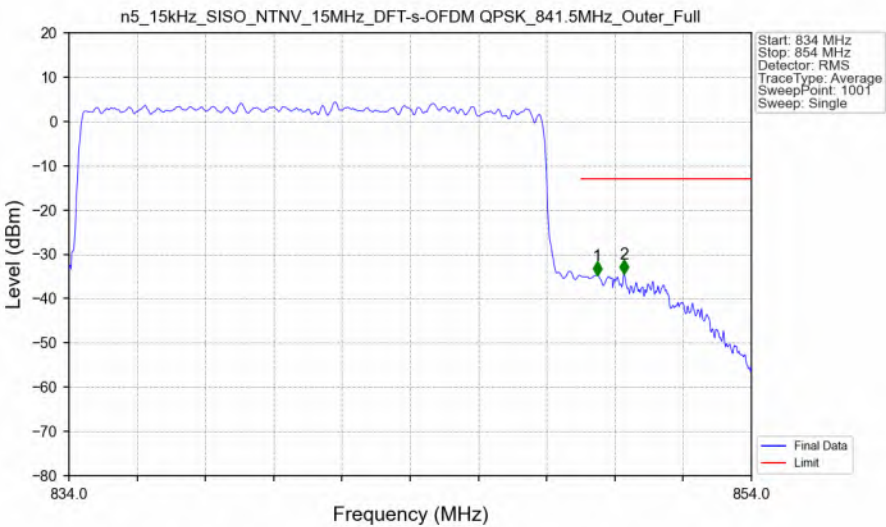
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	817.850	-65.26	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	854.700	-65.96	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_841.5MHz_Edge_1RB_Right_Ant2



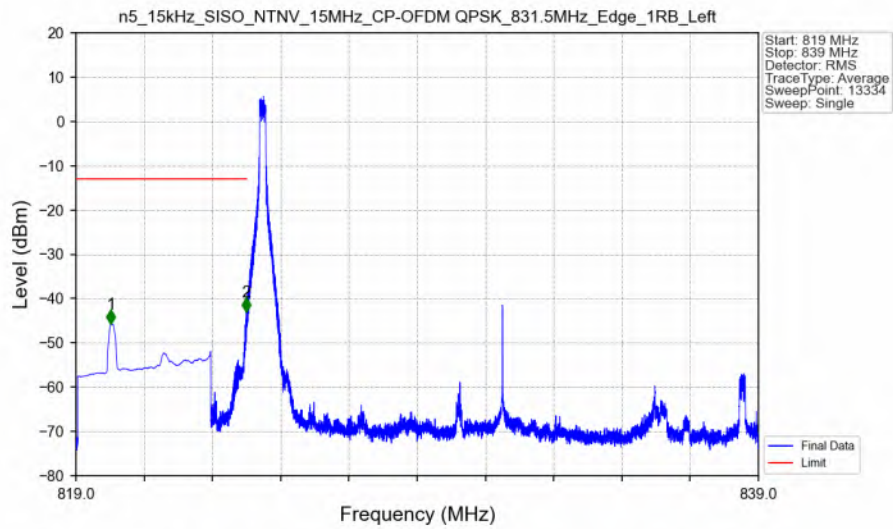
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1697.000	-41.82	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_841.5MHz_Outer_Full_Ant2

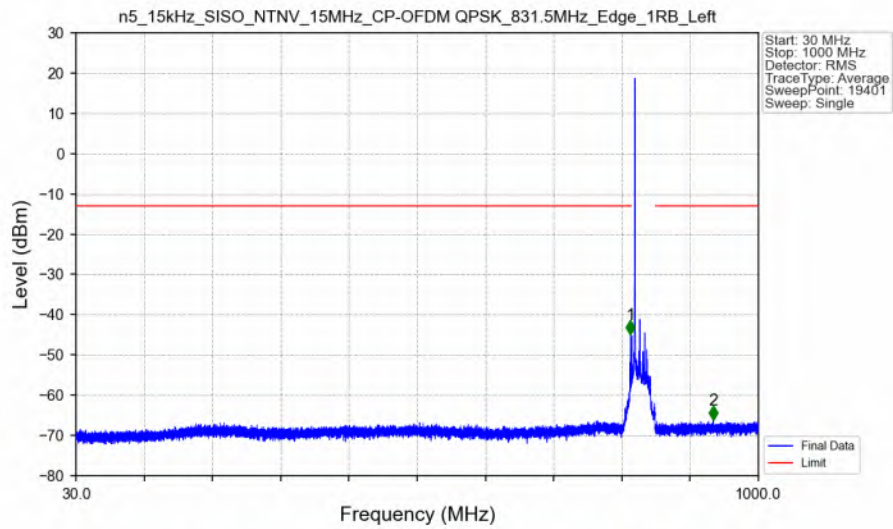


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.14613	CHP	/	/	/	/	/
849	850	0.14613	CHP	1	849.480	-34.72	-13	Pass
850	854	0.1	/	2	850.260	-34.46	-13	Pass

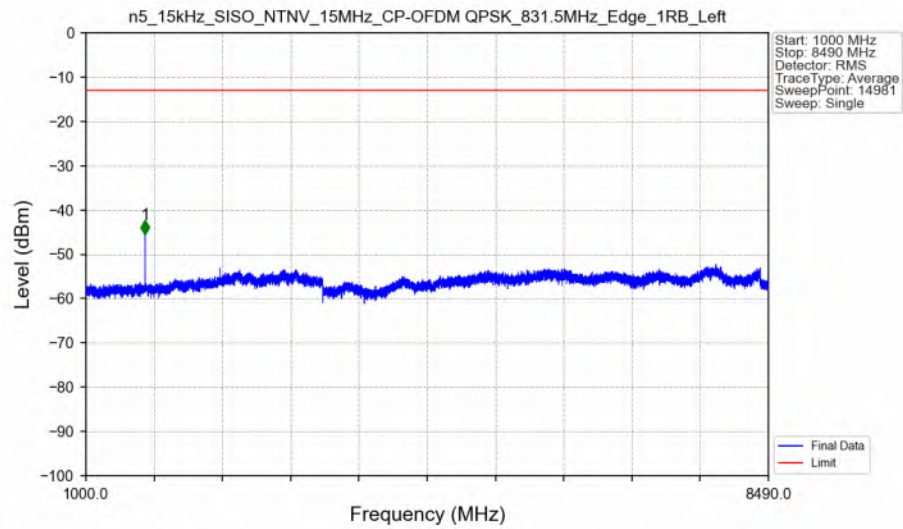
n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_831.5MHz_Edge_1RB_Left_Ant2



n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_831.5MHz_Edge_1RB_Left_Ant2

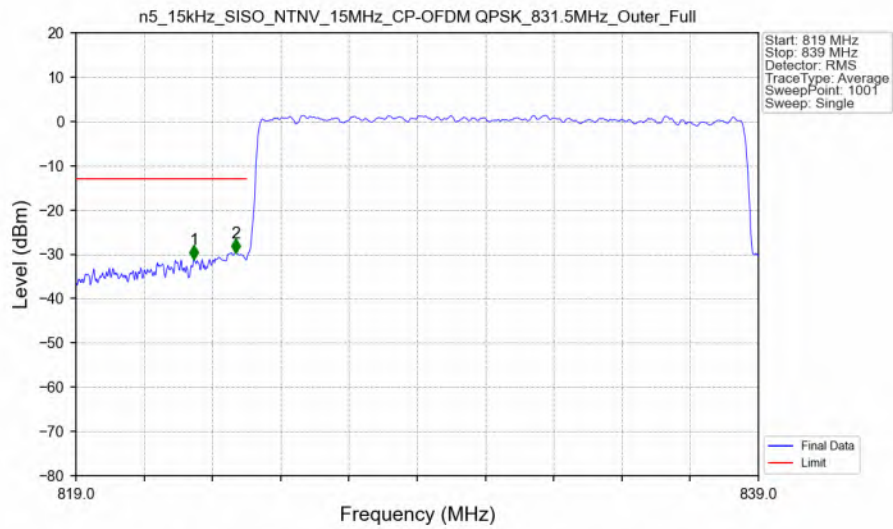


n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_831.5MHz_Edge_1RB_Left_Ant2



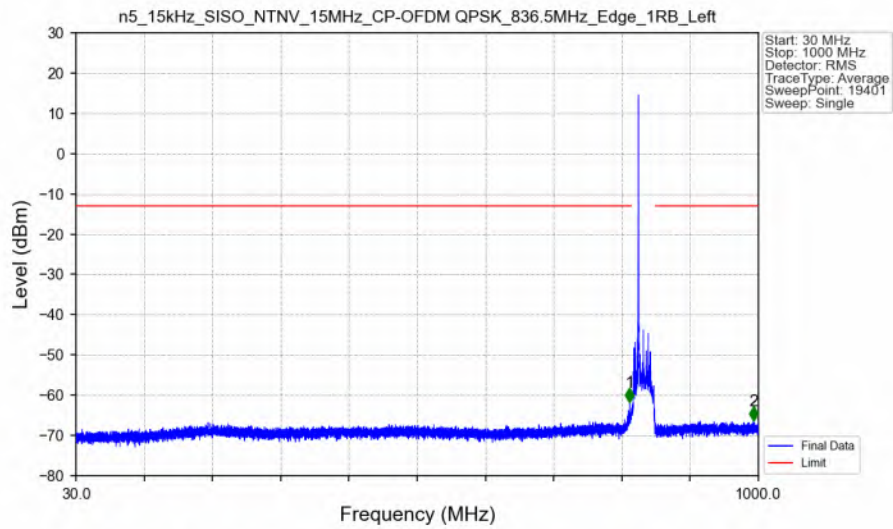
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1649.000	-45.51	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_831.5MHz_Outer_Full_Ant2

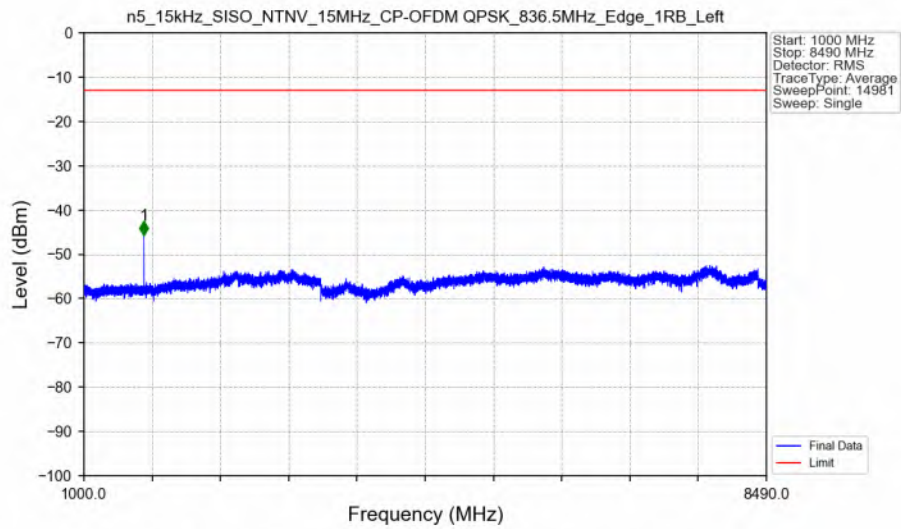


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	/	1	822.460	-31.10	-13	Pass
823	824	0.14613	CHP	2	823.680	-29.67	-13	Pass
824	839	0.14613	CHP	/	/	/	/	/

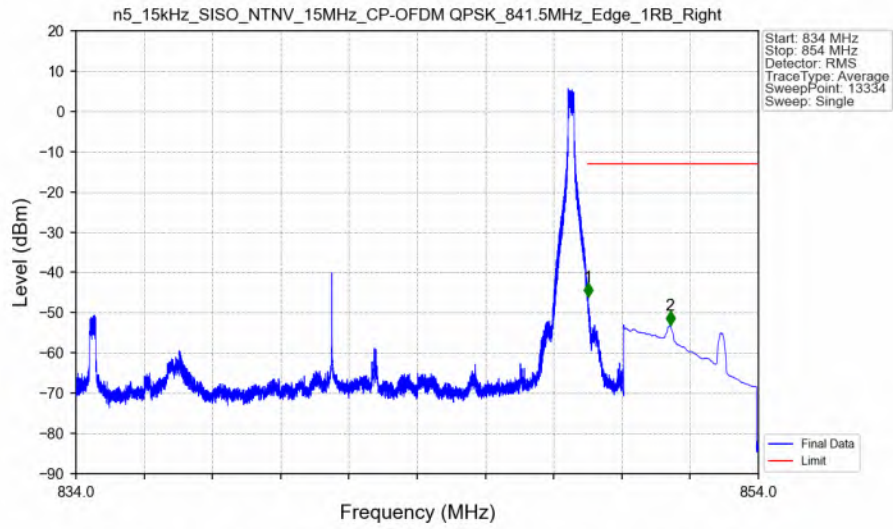
n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant2



n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant2

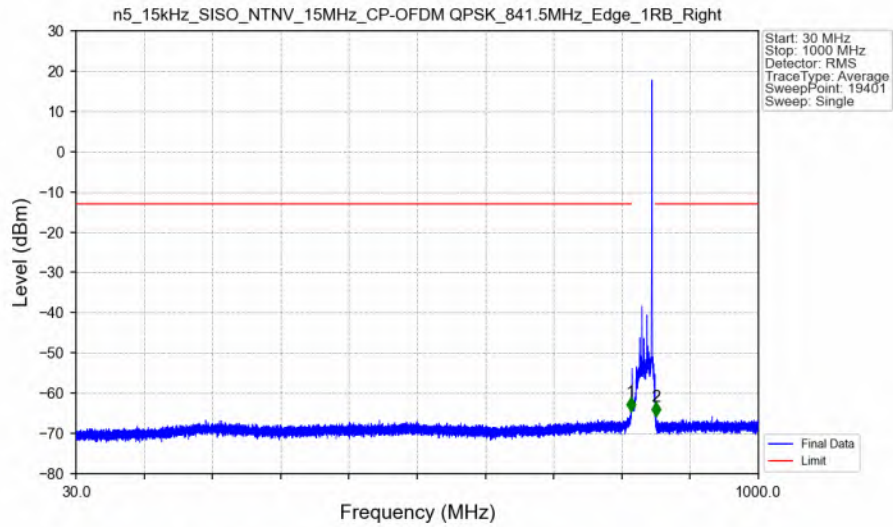


n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_841.5MHz_Edge_1RB_Right_Ant2



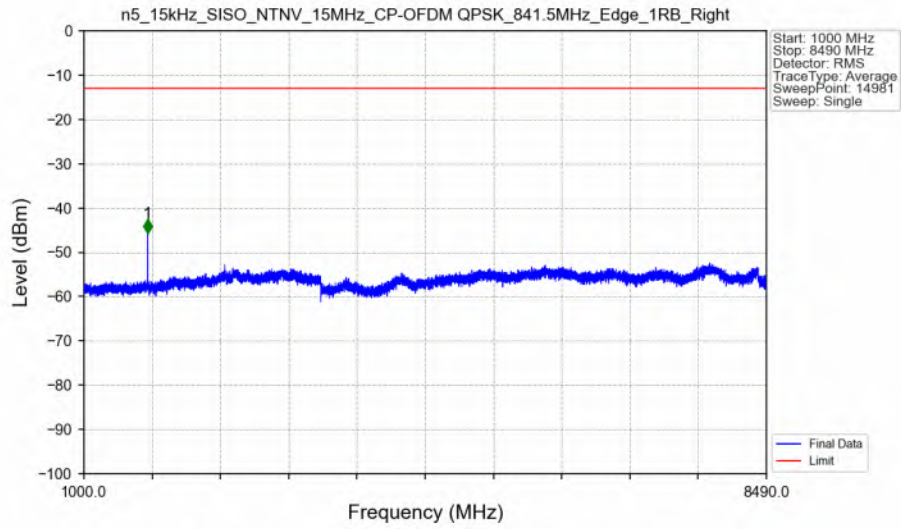
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.008	-46.15	-13	Pass
850	854	0.1	CHP	2	851.414	-52.99	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_841.5MHz_Edge_1RB_Right_Ant2



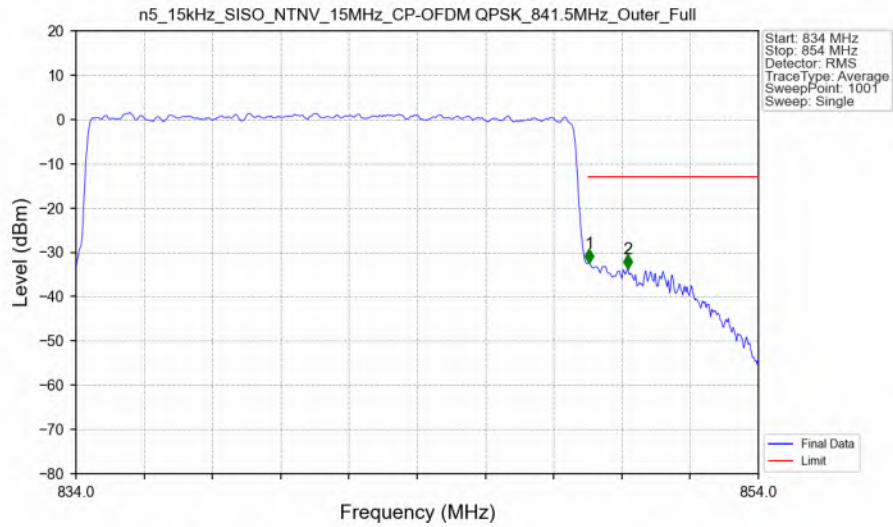
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.850	-64.53	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	854.700	-65.67	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_841.5MHz_Edge_1RB_Right_Ant2



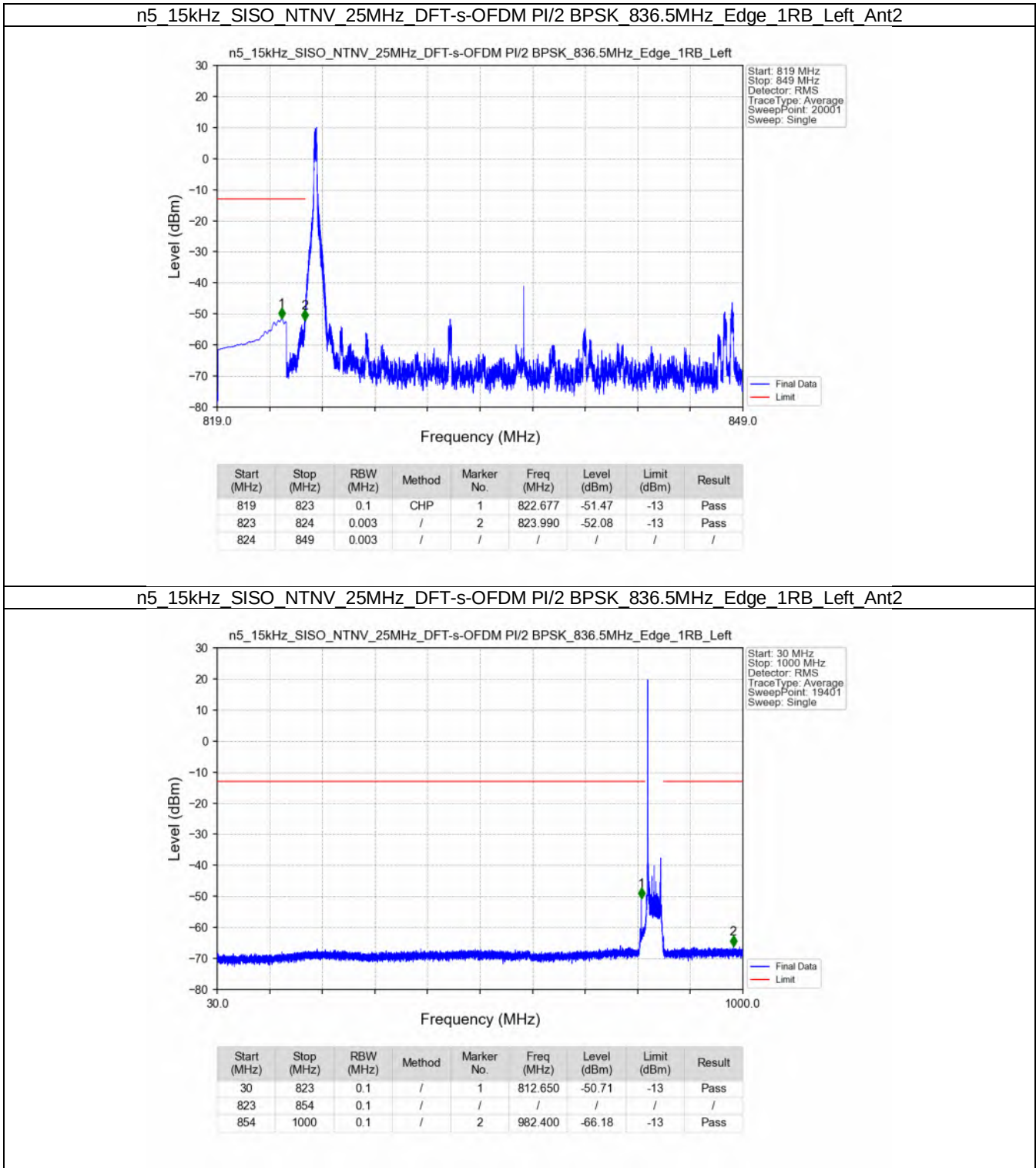
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1697.500	-45.75	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_841.5MHz_Outer_Full_Ant2

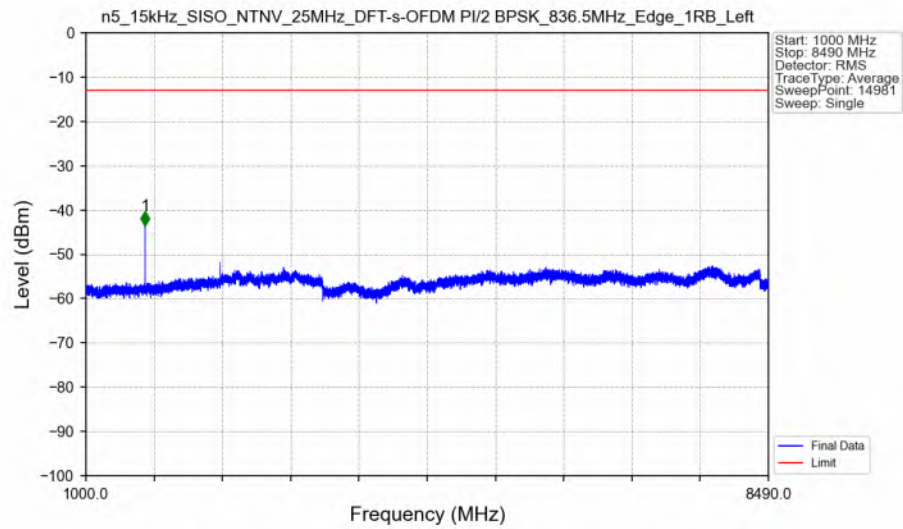


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.14613	CHP	/	/	/	/	/
849	850	0.14613	CHP	1	849.040	-32.37	-13	Pass
850	854	0.1	/	2	850.180	-33.70	-13	Pass

5.2.3 15_S_25M_NTNV

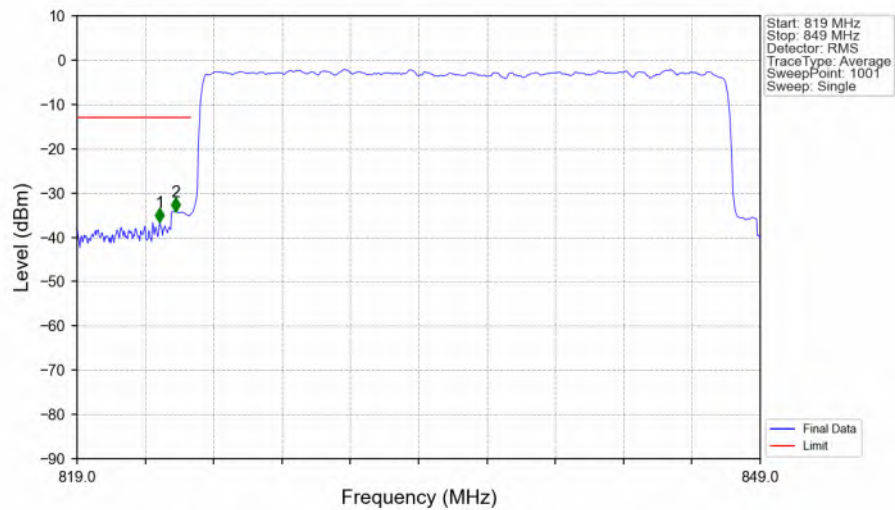


n5_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM_PI/2_BPSK_836.5MHz_Edge_1RB_Left_Ant2



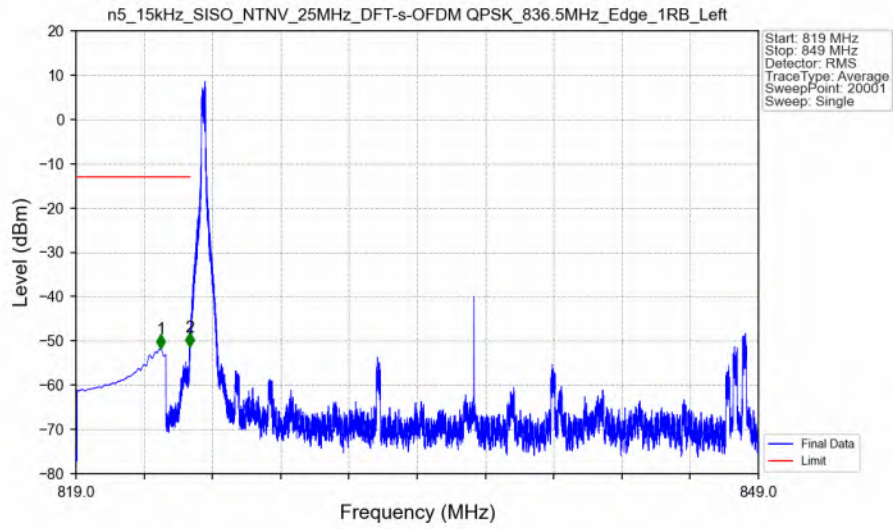
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1649.500	-43.56	-13	Pass

n5_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM_PI/2_BPSK_836.5MHz_Outer_Full_Ant2



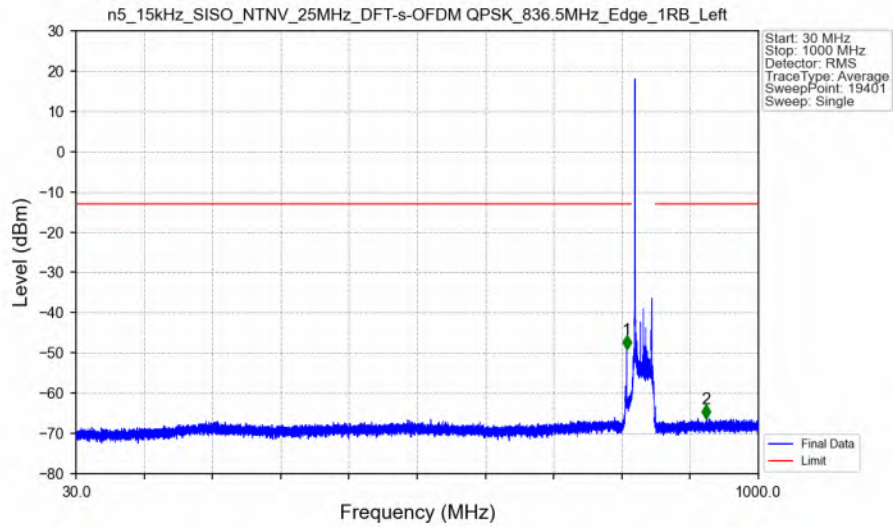
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	/	1	822.630	-36.54	-13	Pass
823	824	0.24778	CHP	2	823.320	-34.14	-13	Pass
824	849	0.24778	CHP	/	/	/	/	/

n5_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant2



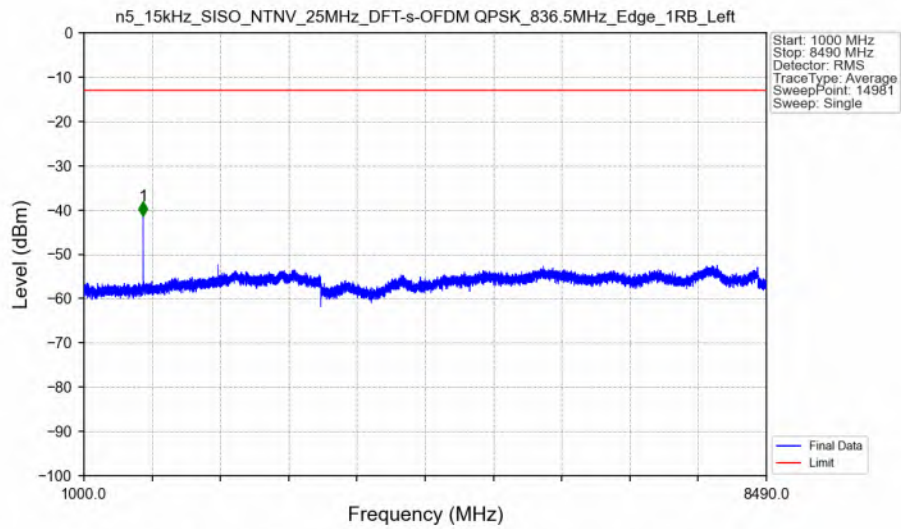
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.735	-51.65	-13	Pass
823	824	0.003	/	2	823.996	-51.42	-13	Pass
824	849	0.003	/	/	/	/	/	/

n5_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant2



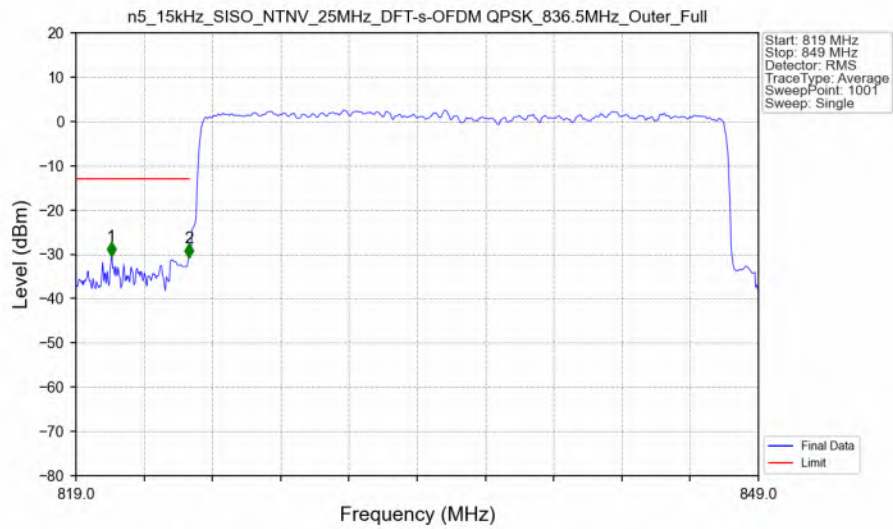
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	812.800	-49.05	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	926.000	-66.23	-13	Pass

n5_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant2



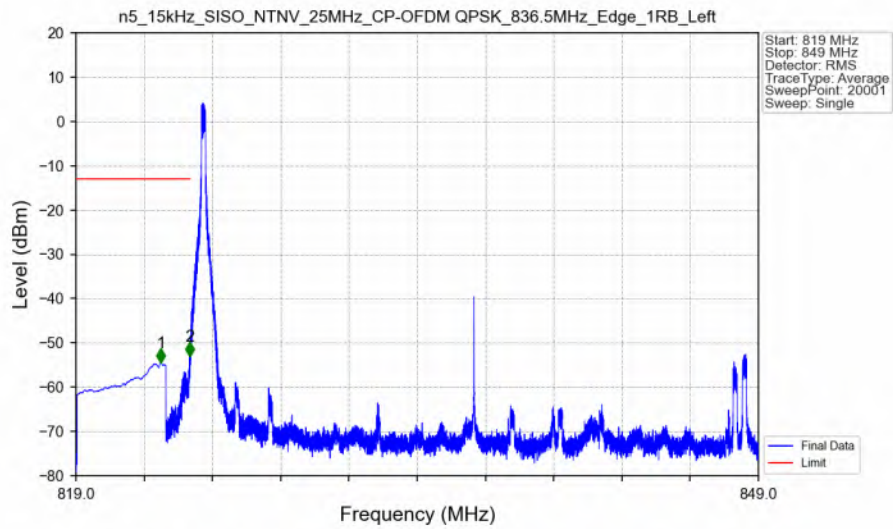
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1649.500	-41.36	-13	Pass

n5_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM_QPSK_836.5MHz_Outer_Full_Ant2

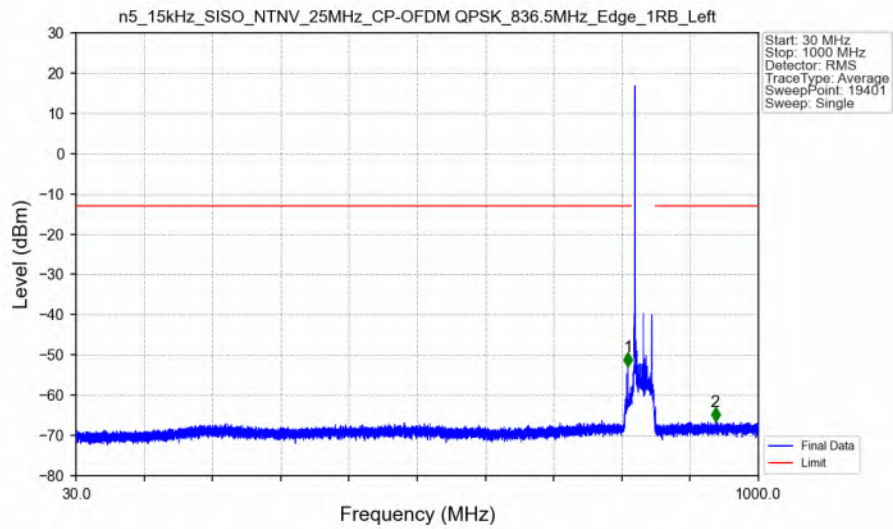


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	/	1	820.560	-30.39	-13	Pass
823	824	0.24789	CHP	2	823.980	-30.70	-13	Pass
824	849	0.24789	CHP	/	/	/	/	/

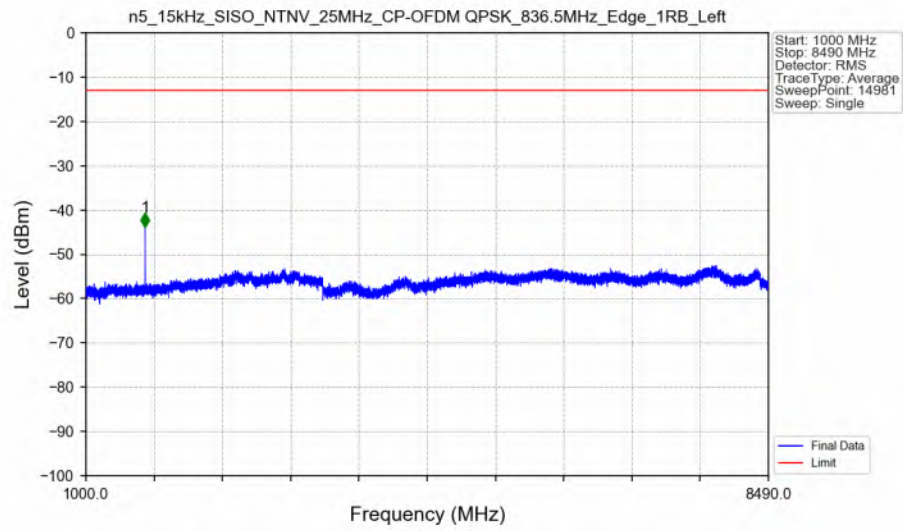
n5_15kHz_SISO_NTNV_25MHz_CP-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant2



n5_15kHz_SISO_NTNV_25MHz_CP-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant2

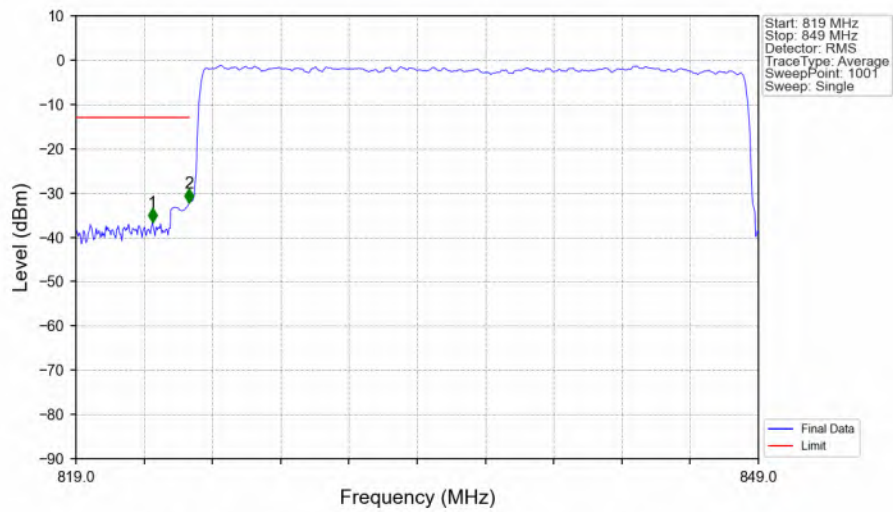


n5_15kHz_SISO_NTNV_25MHz_CP-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant2



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1649.500	-43.81	-13	Pass

n5_15kHz_SISO_NTNV_25MHz_CP-OFDM_QPSK_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	822.360	-36.50	-13	Pass
823	824	0.29785	CHP	2	823.980	-32.27	-13	Pass
824	849	0.29785	CHP	/	/	/	/	/