

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 15k_SISO_5MHz_NTNV_ERP

5G NR n5 SCS=15kHz SISO 5MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			ERP(dBm)				Verdict
			Ant0	Ant2	Sum	Ant0	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	826.5	Edge_1RB_Left	24.59	/	/	18.38	/	/	<=38.45	Pass
		Edge_1RB_Right	24.69	/	/	18.48	/	/	<=38.45	Pass
		Outer_Full	24.78	/	/	18.57	/	/	<=38.45	Pass
		Inner_Full	25.23	/	/	19.02	/	/	<=38.45	Pass
		Inner_1RB_Left	25.07	/	/	18.86	/	/	<=38.45	Pass
		Inner_1RB_Right	25.15	/	/	18.94	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	24.62	/	/	18.41	/	/	<=38.45	Pass
		Edge_1RB_Right	24.53	/	/	18.32	/	/	<=38.45	Pass
		Outer_Full	24.63	/	/	18.42	/	/	<=38.45	Pass
		Inner_Full	25.15	/	/	18.94	/	/	<=38.45	Pass
		Inner_1RB_Left	25.05	/	/	18.84	/	/	<=38.45	Pass
		Inner_1RB_Right	25.02	/	/	18.81	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	24.48	/	/	18.27	/	/	<=38.45	Pass
		Edge_1RB_Right	24.44	/	/	18.23	/	/	<=38.45	Pass
		Outer_Full	24.55	/	/	18.34	/	/	<=38.45	Pass
		Inner_Full	25.05	/	/	18.84	/	/	<=38.45	Pass
		Inner_1RB_Left	24.94	/	/	18.73	/	/	<=38.45	Pass
		Inner_1RB_Right	24.88	/	/	18.67	/	/	<=38.45	Pass
DFT-s-OFDM QPSK	826.5	Edge_1RB_Left	24.33	/	/	18.12	/	/	<=38.45	Pass
		Edge_1RB_Right	24.39	/	/	18.18	/	/	<=38.45	Pass
		Outer_Full	24.26	/	/	18.05	/	/	<=38.45	Pass
		Inner_Full	25.21	/	/	19.00	/	/	<=38.45	Pass
		Inner_1RB_Left	25.59	/	/	19.38	/	/	<=38.45	Pass
		Inner_1RB_Right	25.66	/	/	19.45	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	24.41	/	/	18.20	/	/	<=38.45	Pass
		Edge_1RB_Right	24.36	/	/	18.15	/	/	<=38.45	Pass
		Outer_Full	24.17	/	/	17.96	/	/	<=38.45	Pass
		Inner_Full	25.14	/	/	18.93	/	/	<=38.45	Pass
		Inner_1RB_Left	25.63	/	/	19.42	/	/	<=38.45	Pass
		Inner_1RB_Right	25.58	/	/	19.37	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	24.19	/	/	17.98	/	/	<=38.45	Pass
		Edge_1RB_Right	24.23	/	/	18.02	/	/	<=38.45	Pass
		Outer_Full	24.10	/	/	17.89	/	/	<=38.45	Pass
		Inner_Full	25.05	/	/	18.84	/	/	<=38.45	Pass
		Inner_1RB_Left	25.51	/	/	19.30	/	/	<=38.45	Pass
		Inner_1RB_Right	25.47	/	/	19.26	/	/	<=38.45	Pass
DFT-s-OFDM 16 QAM	826.5	Edge_1RB_Left	23.37	/	/	17.16	/	/	<=38.45	Pass
		Edge_1RB_Right	23.40	/	/	17.19	/	/	<=38.45	Pass
		Outer_Full	23.24	/	/	17.03	/	/	<=38.45	Pass
		Inner_Full	24.21	/	/	18.00	/	/	<=38.45	Pass
		Inner_1RB_Left	24.20	/	/	17.99	/	/	<=38.45	Pass
		Inner_1RB_Right	24.44	/	/	18.23	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	23.36	/	/	17.15	/	/	<=38.45	Pass
		Edge_1RB_Right	23.27	/	/	17.06	/	/	<=38.45	Pass
		Outer_Full	23.13	/	/	16.92	/	/	<=38.45	Pass
		Inner_Full	24.13	/	/	17.92	/	/	<=38.45	Pass
		Inner_1RB_Left	24.35	/	/	18.14	/	/	<=38.45	Pass

	846.5	Inner_1RB_Right	24.29	/	/	18.08	/	/	<=38.45	Pass
		Edge_1RB_Left	23.27	/	/	17.06	/	/	<=38.45	Pass
		Edge_1RB_Right	23.21	/	/	17.00	/	/	<=38.45	Pass
		Outer_Full	23.05	/	/	16.84	/	/	<=38.45	Pass
		Inner_Full	24.05	/	/	17.84	/	/	<=38.45	Pass
		Inner_1RB_Left	24.16	/	/	17.95	/	/	<=38.45	Pass
		Inner_1RB_Right	24.18	/	/	17.97	/	/	<=38.45	Pass
DFT-s-OFDM 64 QAM	826.5	Edge_1RB_Left	22.46	/	/	16.25	/	/	<=38.45	Pass
		Edge_1RB_Right	22.47	/	/	16.26	/	/	<=38.45	Pass
		Outer_Full	22.80	/	/	16.59	/	/	<=38.45	Pass
		Inner_Full	22.79	/	/	16.58	/	/	<=38.45	Pass
		Inner_1RB_Left	22.47	/	/	16.26	/	/	<=38.45	Pass
		Inner_1RB_Right	22.51	/	/	16.30	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	22.52	/	/	16.31	/	/	<=38.45	Pass
		Edge_1RB_Right	22.40	/	/	16.19	/	/	<=38.45	Pass
		Outer_Full	22.76	/	/	16.55	/	/	<=38.45	Pass
		Inner_Full	22.77	/	/	16.56	/	/	<=38.45	Pass
		Inner_1RB_Left	22.46	/	/	16.25	/	/	<=38.45	Pass
		Inner_1RB_Right	22.41	/	/	16.20	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	22.37	/	/	16.16	/	/	<=38.45	Pass
		Edge_1RB_Right	22.31	/	/	16.10	/	/	<=38.45	Pass
		Outer_Full	22.60	/	/	16.39	/	/	<=38.45	Pass
		Inner_Full	22.63	/	/	16.42	/	/	<=38.45	Pass
		Inner_1RB_Left	22.35	/	/	16.14	/	/	<=38.45	Pass
		Inner_1RB_Right	22.34	/	/	16.13	/	/	<=38.45	Pass
DFT-s-OFDM 256 QAM	826.5	Edge_1RB_Left	20.76	/	/	14.55	/	/	<=38.45	Pass
		Edge_1RB_Right	20.71	/	/	14.50	/	/	<=38.45	Pass
		Outer_Full	20.70	/	/	14.49	/	/	<=38.45	Pass
		Inner_Full	20.78	/	/	14.57	/	/	<=38.45	Pass
		Inner_1RB_Left	20.79	/	/	14.58	/	/	<=38.45	Pass
		Inner_1RB_Right	20.69	/	/	14.48	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	20.80	/	/	14.59	/	/	<=38.45	Pass
		Edge_1RB_Right	20.80	/	/	14.59	/	/	<=38.45	Pass
		Outer_Full	20.63	/	/	14.42	/	/	<=38.45	Pass
		Inner_Full	20.75	/	/	14.54	/	/	<=38.45	Pass
		Inner_1RB_Left	20.81	/	/	14.60	/	/	<=38.45	Pass
		Inner_1RB_Right	20.81	/	/	14.60	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	20.66	/	/	14.45	/	/	<=38.45	Pass
		Edge_1RB_Right	20.71	/	/	14.50	/	/	<=38.45	Pass
		Outer_Full	20.56	/	/	14.35	/	/	<=38.45	Pass
		Inner_Full	20.69	/	/	14.48	/	/	<=38.45	Pass
		Inner_1RB_Left	20.65	/	/	14.44	/	/	<=38.45	Pass
		Inner_1RB_Right	20.68	/	/	14.47	/	/	<=38.45	Pass
CP-OFDM QPSK	826.5	Edge_1RB_Left	22.26	/	/	16.05	/	/	<=38.45	Pass
		Edge_1RB_Right	22.24	/	/	16.03	/	/	<=38.45	Pass
		Outer_Full	22.20	/	/	15.99	/	/	<=38.45	Pass
		Inner_Full	23.68	/	/	17.47	/	/	<=38.45	Pass
		Inner_1RB_Left	23.93	/	/	17.72	/	/	<=38.45	Pass
		Inner_1RB_Right	23.81	/	/	17.60	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	22.23	/	/	16.02	/	/	<=38.45	Pass
		Edge_1RB_Right	22.26	/	/	16.05	/	/	<=38.45	Pass
		Outer_Full	22.13	/	/	15.92	/	/	<=38.45	Pass
		Inner_Full	23.57	/	/	17.36	/	/	<=38.45	Pass
		Inner_1RB_Left	23.85	/	/	17.64	/	/	<=38.45	Pass
		Inner_1RB_Right	23.87	/	/	17.66	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	22.17	/	/	15.96	/	/	<=38.45	Pass
		Edge_1RB_Right	22.14	/	/	15.93	/	/	<=38.45	Pass
		Outer_Full	22.03	/	/	15.82	/	/	<=38.45	Pass
		Inner_Full	23.49	/	/	17.28	/	/	<=38.45	Pass

		Inner_1RB_Left	23.69	/	/	17.48	/	/	<=38.45	Pass
		Inner_1RB_Right	23.79	/	/	17.58	/	/	<=38.45	Pass
CP-OFDM 16 QAM	826.5	Edge_1RB_Left	22.37	/	/	16.16	/	/	<=38.45	Pass
		Edge_1RB_Right	22.38	/	/	16.17	/	/	<=38.45	Pass
		Outer_Full	22.26	/	/	16.05	/	/	<=38.45	Pass
		Inner_Full	23.19	/	/	16.98	/	/	<=38.45	Pass
		Inner_1RB_Left	23.34	/	/	17.13	/	/	<=38.45	Pass
		Inner_1RB_Right	23.43	/	/	17.22	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	22.28	/	/	16.07	/	/	<=38.45	Pass
		Edge_1RB_Right	22.30	/	/	16.09	/	/	<=38.45	Pass
		Outer_Full	22.19	/	/	15.98	/	/	<=38.45	Pass
		Inner_Full	23.13	/	/	16.92	/	/	<=38.45	Pass
		Inner_1RB_Left	23.31	/	/	17.10	/	/	<=38.45	Pass
		Inner_1RB_Right	23.29	/	/	17.08	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	22.29	/	/	16.08	/	/	<=38.45	Pass
		Edge_1RB_Right	22.12	/	/	15.91	/	/	<=38.45	Pass
		Outer_Full	22.11	/	/	15.90	/	/	<=38.45	Pass
Inner_Full		23.01	/	/	16.80	/	/	<=38.45	Pass	
Inner_1RB_Left		23.24	/	/	17.03	/	/	<=38.45	Pass	
Inner_1RB_Right		23.15	/	/	16.94	/	/	<=38.45	Pass	
CP-OFDM 64 QAM	826.5	Edge_1RB_Left	21.54	/	/	15.33	/	/	<=38.45	Pass
		Edge_1RB_Right	21.67	/	/	15.46	/	/	<=38.45	Pass
		Outer_Full	21.76	/	/	15.55	/	/	<=38.45	Pass
		Inner_Full	21.69	/	/	15.48	/	/	<=38.45	Pass
		Inner_1RB_Left	21.69	/	/	15.48	/	/	<=38.45	Pass
		Inner_1RB_Right	21.57	/	/	15.36	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.55	/	/	15.34	/	/	<=38.45	Pass
		Edge_1RB_Right	21.48	/	/	15.27	/	/	<=38.45	Pass
		Outer_Full	21.66	/	/	15.45	/	/	<=38.45	Pass
		Inner_Full	21.65	/	/	15.44	/	/	<=38.45	Pass
		Inner_1RB_Left	21.50	/	/	15.29	/	/	<=38.45	Pass
		Inner_1RB_Right	21.46	/	/	15.25	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	21.44	/	/	15.23	/	/	<=38.45	Pass
		Edge_1RB_Right	21.32	/	/	15.11	/	/	<=38.45	Pass
		Outer_Full	21.61	/	/	15.40	/	/	<=38.45	Pass
Inner_Full		21.54	/	/	15.33	/	/	<=38.45	Pass	
Inner_1RB_Left		21.44	/	/	15.23	/	/	<=38.45	Pass	
Inner_1RB_Right		21.29	/	/	15.08	/	/	<=38.45	Pass	
CP-OFDM 256 QAM	826.5	Edge_1RB_Left	18.74	/	/	12.53	/	/	<=38.45	Pass
		Edge_1RB_Right	18.74	/	/	12.53	/	/	<=38.45	Pass
		Outer_Full	18.75	/	/	12.54	/	/	<=38.45	Pass
		Inner_Full	18.73	/	/	12.52	/	/	<=38.45	Pass
		Inner_1RB_Left	18.72	/	/	12.51	/	/	<=38.45	Pass
		Inner_1RB_Right	18.73	/	/	12.52	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	18.69	/	/	12.48	/	/	<=38.45	Pass
		Edge_1RB_Right	18.70	/	/	12.49	/	/	<=38.45	Pass
		Outer_Full	18.70	/	/	12.49	/	/	<=38.45	Pass
		Inner_Full	18.71	/	/	12.50	/	/	<=38.45	Pass
		Inner_1RB_Left	18.74	/	/	12.53	/	/	<=38.45	Pass
		Inner_1RB_Right	18.68	/	/	12.47	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	18.66	/	/	12.45	/	/	<=38.45	Pass
		Edge_1RB_Right	18.60	/	/	12.39	/	/	<=38.45	Pass
		Outer_Full	18.62	/	/	12.41	/	/	<=38.45	Pass
Inner_Full		18.63	/	/	12.42	/	/	<=38.45	Pass	
Inner_1RB_Left		18.67	/	/	12.46	/	/	<=38.45	Pass	
Inner_1RB_Right		18.59	/	/	12.38	/	/	<=38.45	Pass	
Note1: Antenna Gain: Ant0: -4.06dBi;										
Note2: ERP=Conducted Power+Antenna Gain-2.15										

1.1.2 15k_SISO_10MHz_NTNV_ERP

5G NR n5 SCS=15kHz SISO 10MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			ERP(dBm)				Verdict
			Ant0	Ant2	Sum	Ant0	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	829	Edge_1RB_Left	24.64	/	/	18.43	/	/	<=38.45	Pass
		Edge_1RB_Right	24.68	/	/	18.47	/	/	<=38.45	Pass
		Outer_Full	24.76	/	/	18.55	/	/	<=38.45	Pass
		Inner_Full	25.24	/	/	19.03	/	/	<=38.45	Pass
		Inner_1RB_Left	25.07	/	/	18.86	/	/	<=38.45	Pass
	Inner_1RB_Right	25.11	/	/	18.90	/	/	<=38.45	Pass	
	836.5	Edge_1RB_Left	24.68	/	/	18.47	/	/	<=38.45	Pass
		Edge_1RB_Right	24.55	/	/	18.34	/	/	<=38.45	Pass
		Outer_Full	24.63	/	/	18.42	/	/	<=38.45	Pass
		Inner_Full	25.15	/	/	18.94	/	/	<=38.45	Pass
		Inner_1RB_Left	25.16	/	/	18.95	/	/	<=38.45	Pass
	Inner_1RB_Right	25.03	/	/	18.82	/	/	<=38.45	Pass	
	844	Edge_1RB_Left	24.54	/	/	18.33	/	/	<=38.45	Pass
		Edge_1RB_Right	24.47	/	/	18.26	/	/	<=38.45	Pass
		Outer_Full	24.60	/	/	18.39	/	/	<=38.45	Pass
Inner_Full		25.08	/	/	18.87	/	/	<=38.45	Pass	
Inner_1RB_Left		25.02	/	/	18.81	/	/	<=38.45	Pass	
Inner_1RB_Right	24.91	/	/	18.70	/	/	<=38.45	Pass		
DFT-s-OFDM QPSK	829	Edge_1RB_Left	24.36	/	/	18.15	/	/	<=38.45	Pass
		Edge_1RB_Right	24.41	/	/	18.20	/	/	<=38.45	Pass
		Outer_Full	24.22	/	/	18.01	/	/	<=38.45	Pass
		Inner_Full	25.24	/	/	19.03	/	/	<=38.45	Pass
		Inner_1RB_Left	25.62	/	/	19.41	/	/	<=38.45	Pass
	Inner_1RB_Right	25.59	/	/	19.38	/	/	<=38.45	Pass	
	836.5	Edge_1RB_Left	24.39	/	/	18.18	/	/	<=38.45	Pass
		Edge_1RB_Right	24.35	/	/	18.14	/	/	<=38.45	Pass
		Outer_Full	24.20	/	/	17.99	/	/	<=38.45	Pass
		Inner_Full	25.19	/	/	18.98	/	/	<=38.45	Pass
		Inner_1RB_Left	25.65	/	/	19.44	/	/	<=38.45	Pass
	Inner_1RB_Right	25.56	/	/	19.35	/	/	<=38.45	Pass	
	844	Edge_1RB_Left	24.31	/	/	18.10	/	/	<=38.45	Pass
		Edge_1RB_Right	24.24	/	/	18.03	/	/	<=38.45	Pass
		Outer_Full	24.05	/	/	17.84	/	/	<=38.45	Pass
Inner_Full		25.06	/	/	18.85	/	/	<=38.45	Pass	
Inner_1RB_Left		25.36	/	/	19.15	/	/	<=38.45	Pass	
Inner_1RB_Right	25.45	/	/	19.24	/	/	<=38.45	Pass		
DFT-s-OFDM 16 QAM	829	Edge_1RB_Left	23.36	/	/	17.15	/	/	<=38.45	Pass
		Edge_1RB_Right	23.42	/	/	17.21	/	/	<=38.45	Pass
		Outer_Full	23.25	/	/	17.04	/	/	<=38.45	Pass
		Inner_Full	24.26	/	/	18.05	/	/	<=38.45	Pass
		Inner_1RB_Left	24.36	/	/	18.15	/	/	<=38.45	Pass
	Inner_1RB_Right	24.33	/	/	18.12	/	/	<=38.45	Pass	
	836.5	Edge_1RB_Left	23.39	/	/	17.18	/	/	<=38.45	Pass
		Edge_1RB_Right	23.21	/	/	17.00	/	/	<=38.45	Pass
		Outer_Full	23.14	/	/	16.93	/	/	<=38.45	Pass
		Inner_Full	24.15	/	/	17.94	/	/	<=38.45	Pass
		Inner_1RB_Left	24.41	/	/	18.20	/	/	<=38.45	Pass
	Inner_1RB_Right	24.28	/	/	18.07	/	/	<=38.45	Pass	
	844	Edge_1RB_Left	23.28	/	/	17.07	/	/	<=38.45	Pass
		Edge_1RB_Right	23.23	/	/	17.02	/	/	<=38.45	Pass
		Outer_Full	23.09	/	/	16.88	/	/	<=38.45	Pass
Inner_Full		24.07	/	/	17.86	/	/	<=38.45	Pass	
829	Inner_1RB_Left	24.27	/	/	18.06	/	/	<=38.45	Pass	
	Inner_1RB_Right	24.15	/	/	17.94	/	/	<=38.45	Pass	
DFT-s-OFDM 64 QAM	829	Edge_1RB_Left	22.59	/	/	16.38	/	/	<=38.45	Pass

		Edge_1RB_Right	22.60	/	/	16.39	/	/	<=38.45	Pass
		Outer_Full	22.74	/	/	16.53	/	/	<=38.45	Pass
		Inner_Full	22.79	/	/	16.58	/	/	<=38.45	Pass
		Inner_1RB_Left	22.41	/	/	16.20	/	/	<=38.45	Pass
		Inner_1RB_Right	22.46	/	/	16.25	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	22.53	/	/	16.32	/	/	<=38.45	Pass
		Edge_1RB_Right	22.42	/	/	16.21	/	/	<=38.45	Pass
		Outer_Full	22.70	/	/	16.49	/	/	<=38.45	Pass
		Inner_Full	22.81	/	/	16.60	/	/	<=38.45	Pass
		Inner_1RB_Left	22.50	/	/	16.29	/	/	<=38.45	Pass
	844	Inner_1RB_Right	22.41	/	/	16.20	/	/	<=38.45	Pass
		Edge_1RB_Left	22.37	/	/	16.16	/	/	<=38.45	Pass
		Edge_1RB_Right	22.33	/	/	16.12	/	/	<=38.45	Pass
		Outer_Full	22.61	/	/	16.40	/	/	<=38.45	Pass
		Inner_Full	22.68	/	/	16.47	/	/	<=38.45	Pass
DFT-s-OFDM 256 QAM	829	Inner_1RB_Left	22.35	/	/	16.14	/	/	<=38.45	Pass
		Inner_1RB_Right	22.30	/	/	16.09	/	/	<=38.45	Pass
		Edge_1RB_Left	20.73	/	/	14.52	/	/	<=38.45	Pass
		Edge_1RB_Right	20.76	/	/	14.55	/	/	<=38.45	Pass
		Outer_Full	20.76	/	/	14.55	/	/	<=38.45	Pass
	836.5	Inner_Full	20.69	/	/	14.48	/	/	<=38.45	Pass
		Inner_1RB_Left	20.70	/	/	14.49	/	/	<=38.45	Pass
		Inner_1RB_Right	20.79	/	/	14.58	/	/	<=38.45	Pass
		Edge_1RB_Left	20.74	/	/	14.53	/	/	<=38.45	Pass
		Edge_1RB_Right	20.67	/	/	14.46	/	/	<=38.45	Pass
	844	Outer_Full	20.65	/	/	14.44	/	/	<=38.45	Pass
		Inner_Full	20.69	/	/	14.48	/	/	<=38.45	Pass
		Inner_1RB_Left	20.80	/	/	14.59	/	/	<=38.45	Pass
		Inner_1RB_Right	20.71	/	/	14.50	/	/	<=38.45	Pass
		Edge_1RB_Left	20.74	/	/	14.53	/	/	<=38.45	Pass
CP-OFDM QPSK	829	Edge_1RB_Right	20.69	/	/	14.48	/	/	<=38.45	Pass
		Outer_Full	20.58	/	/	14.37	/	/	<=38.45	Pass
		Inner_Full	20.58	/	/	14.37	/	/	<=38.45	Pass
		Inner_1RB_Left	20.74	/	/	14.53	/	/	<=38.45	Pass
		Inner_1RB_Right	20.67	/	/	14.46	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	22.24	/	/	16.03	/	/	<=38.45	Pass
		Edge_1RB_Right	22.29	/	/	16.08	/	/	<=38.45	Pass
		Outer_Full	22.20	/	/	15.99	/	/	<=38.45	Pass
		Inner_Full	23.76	/	/	17.55	/	/	<=38.45	Pass
		Inner_1RB_Left	23.81	/	/	17.60	/	/	<=38.45	Pass
	844	Inner_1RB_Right	23.84	/	/	17.63	/	/	<=38.45	Pass
		Edge_1RB_Left	22.37	/	/	16.16	/	/	<=38.45	Pass
		Edge_1RB_Right	22.24	/	/	16.03	/	/	<=38.45	Pass
		Outer_Full	22.15	/	/	15.94	/	/	<=38.45	Pass
		Inner_Full	23.65	/	/	17.44	/	/	<=38.45	Pass
829	Inner_1RB_Left	23.88	/	/	17.67	/	/	<=38.45	Pass	
	Inner_1RB_Right	23.83	/	/	17.62	/	/	<=38.45	Pass	
	Edge_1RB_Left	22.19	/	/	15.98	/	/	<=38.45	Pass	
	Edge_1RB_Right	22.15	/	/	15.94	/	/	<=38.45	Pass	
	Outer_Full	22.07	/	/	15.86	/	/	<=38.45	Pass	
CP-OFDM 16 QAM	829	Inner_Full	23.63	/	/	17.42	/	/	<=38.45	Pass
		Inner_1RB_Left	23.80	/	/	17.59	/	/	<=38.45	Pass
		Inner_1RB_Right	23.84	/	/	17.63	/	/	<=38.45	Pass
		Edge_1RB_Left	22.36	/	/	16.15	/	/	<=38.45	Pass
		Edge_1RB_Right	22.40	/	/	16.19	/	/	<=38.45	Pass
		Outer_Full	22.22	/	/	16.01	/	/	<=38.45	Pass
		Inner_Full	23.19	/	/	16.98	/	/	<=38.45	Pass
		Inner_1RB_Left	23.35	/	/	17.14	/	/	<=38.45	Pass
		Inner_1RB_Right	23.35	/	/	17.14	/	/	<=38.45	Pass

	836.5	Edge_1RB_Left	22.42	/	/	16.21	/	/	<=38.45	Pass	
		Edge_1RB_Right	22.29	/	/	16.08	/	/	<=38.45	Pass	
		Outer_Full	22.15	/	/	15.94	/	/	<=38.45	Pass	
		Inner_Full	23.15	/	/	16.94	/	/	<=38.45	Pass	
		Inner_1RB_Left	23.39	/	/	17.18	/	/	<=38.45	Pass	
		Inner_1RB_Right	23.22	/	/	17.01	/	/	<=38.45	Pass	
	844	Edge_1RB_Left	22.29	/	/	16.08	/	/	<=38.45	Pass	
		Edge_1RB_Right	22.18	/	/	15.97	/	/	<=38.45	Pass	
		Outer_Full	22.12	/	/	15.91	/	/	<=38.45	Pass	
		Inner_Full	22.98	/	/	16.77	/	/	<=38.45	Pass	
		Inner_1RB_Left	23.23	/	/	17.02	/	/	<=38.45	Pass	
	CP-OFDM 64 QAM	829	Inner_1RB_Right	23.12	/	/	16.91	/	/	<=38.45	Pass
			Edge_1RB_Left	21.50	/	/	15.29	/	/	<=38.45	Pass
			Edge_1RB_Right	21.55	/	/	15.34	/	/	<=38.45	Pass
Outer_Full			21.73	/	/	15.52	/	/	<=38.45	Pass	
Inner_Full			21.72	/	/	15.51	/	/	<=38.45	Pass	
Inner_1RB_Left			21.66	/	/	15.45	/	/	<=38.45	Pass	
836.5		Inner_1RB_Right	21.51	/	/	15.30	/	/	<=38.45	Pass	
		Edge_1RB_Left	21.59	/	/	15.38	/	/	<=38.45	Pass	
		Edge_1RB_Right	21.62	/	/	15.41	/	/	<=38.45	Pass	
		Outer_Full	21.64	/	/	15.43	/	/	<=38.45	Pass	
		Inner_Full	21.71	/	/	15.50	/	/	<=38.45	Pass	
		Inner_1RB_Left	21.51	/	/	15.30	/	/	<=38.45	Pass	
844		Inner_1RB_Right	21.43	/	/	15.22	/	/	<=38.45	Pass	
		Edge_1RB_Left	21.45	/	/	15.24	/	/	<=38.45	Pass	
		Edge_1RB_Right	21.49	/	/	15.28	/	/	<=38.45	Pass	
		Outer_Full	21.60	/	/	15.39	/	/	<=38.45	Pass	
		Inner_Full	21.61	/	/	15.40	/	/	<=38.45	Pass	
		Inner_1RB_Left	21.56	/	/	15.35	/	/	<=38.45	Pass	
CP-OFDM 256 QAM	829	Inner_1RB_Right	21.47	/	/	15.26	/	/	<=38.45	Pass	
		Edge_1RB_Left	18.72	/	/	12.51	/	/	<=38.45	Pass	
		Edge_1RB_Right	18.76	/	/	12.55	/	/	<=38.45	Pass	
		Outer_Full	18.72	/	/	12.51	/	/	<=38.45	Pass	
		Inner_Full	18.75	/	/	12.54	/	/	<=38.45	Pass	
		Inner_1RB_Left	18.73	/	/	12.52	/	/	<=38.45	Pass	
	836.5	Inner_1RB_Right	18.74	/	/	12.53	/	/	<=38.45	Pass	
		Edge_1RB_Left	18.78	/	/	12.57	/	/	<=38.45	Pass	
		Edge_1RB_Right	18.69	/	/	12.48	/	/	<=38.45	Pass	
		Outer_Full	18.64	/	/	12.43	/	/	<=38.45	Pass	
		Inner_Full	18.71	/	/	12.50	/	/	<=38.45	Pass	
		Inner_1RB_Left	18.78	/	/	12.57	/	/	<=38.45	Pass	
	844	Inner_1RB_Right	18.61	/	/	12.40	/	/	<=38.45	Pass	
		Edge_1RB_Left	18.66	/	/	12.45	/	/	<=38.45	Pass	
		Edge_1RB_Right	18.57	/	/	12.36	/	/	<=38.45	Pass	
		Outer_Full	18.59	/	/	12.38	/	/	<=38.45	Pass	
		Inner_Full	18.62	/	/	12.41	/	/	<=38.45	Pass	
		Inner_1RB_Left	18.58	/	/	12.37	/	/	<=38.45	Pass	
Note1: Antenna Gain: Ant0: -4.06dBi;											
Note2: ERP=Conducted Power+Antenna Gain-2.15											

1.1.3 15k_SISO_15MHz_NTNV_ERP

5G NR n5 SCS=15kHz SISO 15MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			ERP(dBm)				Verdict
			Ant0	Ant2	Sum	Ant0	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	831.5	Edge_1RB_Left	24.66	/	/	18.45	/	/	<=38.45	Pass
		Edge_1RB_Right	24.65	/	/	18.44	/	/	<=38.45	Pass

		Outer_Full	24.74	/	/	18.53	/	/	<=38.45	Pass
		Inner_Full	25.21	/	/	19.00	/	/	<=38.45	Pass
		Inner_1RB_Left	25.17	/	/	18.96	/	/	<=38.45	Pass
		Inner_1RB_Right	25.14	/	/	18.93	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	24.76	/	/	18.55	/	/	<=38.45	Pass
		Edge_1RB_Right	24.61	/	/	18.40	/	/	<=38.45	Pass
		Outer_Full	24.69	/	/	18.48	/	/	<=38.45	Pass
		Inner_Full	25.18	/	/	18.97	/	/	<=38.45	Pass
	841.5	Inner_1RB_Left	25.25	/	/	19.04	/	/	<=38.45	Pass
		Inner_1RB_Right	25.12	/	/	18.91	/	/	<=38.45	Pass
		Edge_1RB_Left	24.67	/	/	18.46	/	/	<=38.45	Pass
		Edge_1RB_Right	24.53	/	/	18.32	/	/	<=38.45	Pass
DFT-s-OFDM QPSK	831.5	Outer_Full	24.61	/	/	18.40	/	/	<=38.45	Pass
		Inner_Full	25.13	/	/	18.92	/	/	<=38.45	Pass
		Inner_1RB_Left	25.20	/	/	18.99	/	/	<=38.45	Pass
		Inner_1RB_Right	25.02	/	/	18.81	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	24.46	/	/	18.25	/	/	<=38.45	Pass
		Edge_1RB_Right	24.42	/	/	18.21	/	/	<=38.45	Pass
		Outer_Full	24.20	/	/	17.99	/	/	<=38.45	Pass
		Inner_Full	25.25	/	/	19.04	/	/	<=38.45	Pass
	841.5	Inner_1RB_Left	25.65	/	/	19.44	/	/	<=38.45	Pass
		Inner_1RB_Right	25.59	/	/	19.38	/	/	<=38.45	Pass
		Edge_1RB_Left	24.54	/	/	18.33	/	/	<=38.45	Pass
		Edge_1RB_Right	24.44	/	/	18.23	/	/	<=38.45	Pass
DFT-s-OFDM 16 QAM	831.5	Outer_Full	24.19	/	/	17.98	/	/	<=38.45	Pass
		Inner_Full	25.22	/	/	19.01	/	/	<=38.45	Pass
		Inner_1RB_Left	25.72	/	/	19.51	/	/	<=38.45	Pass
		Inner_1RB_Right	25.60	/	/	19.39	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	24.50	/	/	18.29	/	/	<=38.45	Pass
		Edge_1RB_Right	24.35	/	/	18.14	/	/	<=38.45	Pass
		Outer_Full	24.14	/	/	17.93	/	/	<=38.45	Pass
		Inner_Full	25.15	/	/	18.94	/	/	<=38.45	Pass
	841.5	Inner_1RB_Left	25.60	/	/	19.39	/	/	<=38.45	Pass
		Inner_1RB_Right	25.48	/	/	19.27	/	/	<=38.45	Pass
		Edge_1RB_Left	23.37	/	/	17.16	/	/	<=38.45	Pass
		Edge_1RB_Right	23.35	/	/	17.14	/	/	<=38.45	Pass
DFT-s-OFDM 64 QAM	831.5	Outer_Full	23.23	/	/	17.02	/	/	<=38.45	Pass
		Inner_Full	24.20	/	/	17.99	/	/	<=38.45	Pass
		Inner_1RB_Left	24.45	/	/	18.24	/	/	<=38.45	Pass
		Inner_1RB_Right	24.34	/	/	18.13	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	23.46	/	/	17.25	/	/	<=38.45	Pass
		Edge_1RB_Right	23.34	/	/	17.13	/	/	<=38.45	Pass
		Outer_Full	23.18	/	/	16.97	/	/	<=38.45	Pass
		Inner_Full	24.21	/	/	18.00	/	/	<=38.45	Pass
	841.5	Inner_1RB_Left	24.55	/	/	18.34	/	/	<=38.45	Pass
		Inner_1RB_Right	24.32	/	/	18.11	/	/	<=38.45	Pass
		Edge_1RB_Left	23.40	/	/	17.19	/	/	<=38.45	Pass
		Edge_1RB_Right	23.25	/	/	17.04	/	/	<=38.45	Pass
831.5	Outer_Full	23.10	/	/	16.89	/	/	<=38.45	Pass	
	Inner_Full	24.11	/	/	17.90	/	/	<=38.45	Pass	
	Inner_1RB_Left	24.38	/	/	18.17	/	/	<=38.45	Pass	
	Inner_1RB_Right	24.26	/	/	18.05	/	/	<=38.45	Pass	
	Edge_1RB_Left	22.47	/	/	16.26	/	/	<=38.45	Pass	
	Edge_1RB_Right	22.50	/	/	16.29	/	/	<=38.45	Pass	
836.5	Outer_Full	22.73	/	/	16.52	/	/	<=38.45	Pass	
	Inner_Full	22.77	/	/	16.56	/	/	<=38.45	Pass	
	831.5	Inner_1RB_Left	22.47	/	/	16.26	/	/	<=38.45	Pass
		Inner_1RB_Right	22.54	/	/	16.33	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	22.66	/	/	16.45	/	/	<=38.45	Pass

		Edge_1RB_Right	22.42	/	/	16.21	/	/	<=38.45	Pass
		Outer_Full	22.73	/	/	16.52	/	/	<=38.45	Pass
		Inner_Full	22.75	/	/	16.54	/	/	<=38.45	Pass
		Inner_1RB_Left	22.53	/	/	16.32	/	/	<=38.45	Pass
		Inner_1RB_Right	22.40	/	/	16.19	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	22.63	/	/	16.42	/	/	<=38.45	Pass
		Edge_1RB_Right	22.49	/	/	16.28	/	/	<=38.45	Pass
		Outer_Full	22.71	/	/	16.50	/	/	<=38.45	Pass
		Inner_Full	22.65	/	/	16.44	/	/	<=38.45	Pass
		Inner_1RB_Left	22.49	/	/	16.28	/	/	<=38.45	Pass
DFT-s-OFDM 256 QAM	831.5	Inner_1RB_Right	22.40	/	/	16.19	/	/	<=38.45	Pass
		Edge_1RB_Left	20.78	/	/	14.57	/	/	<=38.45	Pass
		Edge_1RB_Right	20.83	/	/	14.62	/	/	<=38.45	Pass
		Outer_Full	20.70	/	/	14.49	/	/	<=38.45	Pass
		Inner_Full	20.73	/	/	14.52	/	/	<=38.45	Pass
		Inner_1RB_Left	20.77	/	/	14.56	/	/	<=38.45	Pass
	836.5	Inner_1RB_Right	20.79	/	/	14.58	/	/	<=38.45	Pass
		Edge_1RB_Left	20.87	/	/	14.66	/	/	<=38.45	Pass
		Edge_1RB_Right	20.71	/	/	14.50	/	/	<=38.45	Pass
		Outer_Full	20.72	/	/	14.51	/	/	<=38.45	Pass
		Inner_Full	20.76	/	/	14.55	/	/	<=38.45	Pass
		Inner_1RB_Left	20.81	/	/	14.60	/	/	<=38.45	Pass
	841.5	Inner_1RB_Right	20.71	/	/	14.50	/	/	<=38.45	Pass
		Edge_1RB_Left	20.80	/	/	14.59	/	/	<=38.45	Pass
		Edge_1RB_Right	20.69	/	/	14.48	/	/	<=38.45	Pass
		Outer_Full	20.67	/	/	14.46	/	/	<=38.45	Pass
		Inner_Full	20.66	/	/	14.45	/	/	<=38.45	Pass
		Inner_1RB_Left	20.81	/	/	14.60	/	/	<=38.45	Pass
CP-OFDM QPSK	831.5	Inner_1RB_Right	20.72	/	/	14.51	/	/	<=38.45	Pass
		Edge_1RB_Left	22.27	/	/	16.06	/	/	<=38.45	Pass
		Edge_1RB_Right	22.26	/	/	16.05	/	/	<=38.45	Pass
		Outer_Full	22.22	/	/	16.01	/	/	<=38.45	Pass
		Inner_Full	23.68	/	/	17.47	/	/	<=38.45	Pass
		Inner_1RB_Left	23.87	/	/	17.66	/	/	<=38.45	Pass
	836.5	Inner_1RB_Right	23.89	/	/	17.68	/	/	<=38.45	Pass
		Edge_1RB_Left	22.61	/	/	16.40	/	/	<=38.45	Pass
		Edge_1RB_Right	22.23	/	/	16.02	/	/	<=38.45	Pass
		Outer_Full	22.20	/	/	15.99	/	/	<=38.45	Pass
		Inner_Full	23.70	/	/	17.49	/	/	<=38.45	Pass
		Inner_1RB_Left	23.93	/	/	17.72	/	/	<=38.45	Pass
	841.5	Inner_1RB_Right	23.78	/	/	17.57	/	/	<=38.45	Pass
		Edge_1RB_Left	22.31	/	/	16.10	/	/	<=38.45	Pass
		Edge_1RB_Right	22.21	/	/	16.00	/	/	<=38.45	Pass
		Outer_Full	22.17	/	/	15.96	/	/	<=38.45	Pass
		Inner_Full	23.58	/	/	17.37	/	/	<=38.45	Pass
		Inner_1RB_Left	23.89	/	/	17.68	/	/	<=38.45	Pass
CP-OFDM 16 QAM	831.5	Inner_1RB_Right	23.83	/	/	17.62	/	/	<=38.45	Pass
		Edge_1RB_Left	22.40	/	/	16.19	/	/	<=38.45	Pass
		Edge_1RB_Right	22.25	/	/	16.04	/	/	<=38.45	Pass
		Outer_Full	22.20	/	/	15.99	/	/	<=38.45	Pass
		Inner_Full	23.21	/	/	17.00	/	/	<=38.45	Pass
		Inner_1RB_Left	23.42	/	/	17.21	/	/	<=38.45	Pass
	836.5	Inner_1RB_Right	23.35	/	/	17.14	/	/	<=38.45	Pass
		Edge_1RB_Left	22.51	/	/	16.30	/	/	<=38.45	Pass
		Edge_1RB_Right	22.34	/	/	16.13	/	/	<=38.45	Pass
		Outer_Full	22.19	/	/	15.98	/	/	<=38.45	Pass
		Inner_Full	23.22	/	/	17.01	/	/	<=38.45	Pass
		Inner_1RB_Left	23.48	/	/	17.27	/	/	<=38.45	Pass
		Inner_1RB_Right	23.33	/	/	17.12	/	/	<=38.45	Pass

	841.5	Edge_1RB_Left	22.39	/	/	16.18	/	/	<=38.45	Pass
		Edge_1RB_Right	22.23	/	/	16.02	/	/	<=38.45	Pass
		Outer_Full	22.16	/	/	15.95	/	/	<=38.45	Pass
		Inner_Full	23.19	/	/	16.98	/	/	<=38.45	Pass
		Inner_1RB_Left	23.35	/	/	17.14	/	/	<=38.45	Pass
		Inner_1RB_Right	23.19	/	/	16.98	/	/	<=38.45	Pass
CP-OFDM 64 QAM	831.5	Edge_1RB_Left	21.56	/	/	15.35	/	/	<=38.45	Pass
		Edge_1RB_Right	21.48	/	/	15.27	/	/	<=38.45	Pass
		Outer_Full	21.76	/	/	15.55	/	/	<=38.45	Pass
		Inner_Full	21.75	/	/	15.54	/	/	<=38.45	Pass
		Inner_1RB_Left	21.54	/	/	15.33	/	/	<=38.45	Pass
		Inner_1RB_Right	21.45	/	/	15.24	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.66	/	/	15.45	/	/	<=38.45	Pass
		Edge_1RB_Right	21.52	/	/	15.31	/	/	<=38.45	Pass
		Outer_Full	21.70	/	/	15.49	/	/	<=38.45	Pass
		Inner_Full	21.75	/	/	15.54	/	/	<=38.45	Pass
		Inner_1RB_Left	21.64	/	/	15.43	/	/	<=38.45	Pass
		Inner_1RB_Right	21.50	/	/	15.29	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	21.60	/	/	15.39	/	/	<=38.45	Pass
		Edge_1RB_Right	21.36	/	/	15.15	/	/	<=38.45	Pass
		Outer_Full	21.69	/	/	15.48	/	/	<=38.45	Pass
		Inner_Full	21.68	/	/	15.47	/	/	<=38.45	Pass
		Inner_1RB_Left	21.52	/	/	15.31	/	/	<=38.45	Pass
		Inner_1RB_Right	21.39	/	/	15.18	/	/	<=38.45	Pass
CP-OFDM 256 QAM	831.5	Edge_1RB_Left	18.78	/	/	12.57	/	/	<=38.45	Pass
		Edge_1RB_Right	18.78	/	/	12.57	/	/	<=38.45	Pass
		Outer_Full	18.74	/	/	12.53	/	/	<=38.45	Pass
		Inner_Full	18.78	/	/	12.57	/	/	<=38.45	Pass
		Inner_1RB_Left	18.76	/	/	12.55	/	/	<=38.45	Pass
		Inner_1RB_Right	18.71	/	/	12.50	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	18.87	/	/	12.66	/	/	<=38.45	Pass
		Edge_1RB_Right	18.70	/	/	12.49	/	/	<=38.45	Pass
		Outer_Full	18.69	/	/	12.48	/	/	<=38.45	Pass
		Inner_Full	18.73	/	/	12.52	/	/	<=38.45	Pass
		Inner_1RB_Left	18.85	/	/	12.64	/	/	<=38.45	Pass
		Inner_1RB_Right	18.70	/	/	12.49	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	18.80	/	/	12.59	/	/	<=38.45	Pass
		Edge_1RB_Right	18.63	/	/	12.42	/	/	<=38.45	Pass
		Outer_Full	18.65	/	/	12.44	/	/	<=38.45	Pass
		Inner_Full	18.64	/	/	12.43	/	/	<=38.45	Pass
		Inner_1RB_Left	18.74	/	/	12.53	/	/	<=38.45	Pass
		Inner_1RB_Right	18.61	/	/	12.40	/	/	<=38.45	Pass
Note1: Antenna Gain: Ant0: -4.06dBi;										
Note2: ERP=Conducted Power+Antenna Gain-2.15										

1.1.4 15k_SISO_20MHz_NTNV_ERP

5G NR n5 SCS=15kHz SISO 20MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			ERP(dBm)				Verdict
			Ant0	Ant2	Sum	Ant0	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	834	Edge_1RB_Left	24.63	/	/	18.42	/	/	<=38.45	Pass
		Edge_1RB_Right	24.58	/	/	18.37	/	/	<=38.45	Pass
		Outer_Full	24.71	/	/	18.50	/	/	<=38.45	Pass
		Inner_Full	25.21	/	/	19.00	/	/	<=38.45	Pass
		Inner_1RB_Left	25.14	/	/	18.93	/	/	<=38.45	Pass
		Inner_1RB_Right	25.07	/	/	18.86	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	24.72	/	/	18.51	/	/	<=38.45	Pass
		Edge_1RB_Right	24.58	/	/	18.37	/	/	<=38.45	Pass

		Outer_Full	24.64	/	/	18.43	/	/	<=38.45	Pass	
		Inner_Full	25.23	/	/	19.02	/	/	<=38.45	Pass	
		Inner_1RB_Left	25.23	/	/	19.02	/	/	<=38.45	Pass	
		Inner_1RB_Right	24.99	/	/	18.78	/	/	<=38.45	Pass	
	839	Edge_1RB_Left	24.71	/	/	18.50	/	/	<=38.45	Pass	
		Edge_1RB_Right	24.53	/	/	18.32	/	/	<=38.45	Pass	
		Outer_Full	24.62	/	/	18.41	/	/	<=38.45	Pass	
		Inner_Full	25.20	/	/	18.99	/	/	<=38.45	Pass	
		Inner_1RB_Left	25.18	/	/	18.97	/	/	<=38.45	Pass	
		Inner_1RB_Right	25.01	/	/	18.80	/	/	<=38.45	Pass	
DFT-s-OFDM QPSK	834	Edge_1RB_Left	24.42	/	/	18.21	/	/	<=38.45	Pass	
		Edge_1RB_Right	24.29	/	/	18.08	/	/	<=38.45	Pass	
		Outer_Full	24.21	/	/	18.00	/	/	<=38.45	Pass	
		Inner_Full	25.24	/	/	19.03	/	/	<=38.45	Pass	
		Inner_1RB_Left	25.60	/	/	19.39	/	/	<=38.45	Pass	
		Inner_1RB_Right	25.43	/	/	19.22	/	/	<=38.45	Pass	
	836.5	Edge_1RB_Left	24.51	/	/	18.30	/	/	<=38.45	Pass	
		Edge_1RB_Right	24.33	/	/	18.12	/	/	<=38.45	Pass	
		Outer_Full	24.21	/	/	18.00	/	/	<=38.45	Pass	
		Inner_Full	25.26	/	/	19.05	/	/	<=38.45	Pass	
		Inner_1RB_Left	25.70	/	/	19.49	/	/	<=38.45	Pass	
		Inner_1RB_Right	25.52	/	/	19.31	/	/	<=38.45	Pass	
	839	Edge_1RB_Left	24.49	/	/	18.28	/	/	<=38.45	Pass	
		Edge_1RB_Right	24.33	/	/	18.12	/	/	<=38.45	Pass	
		Outer_Full	24.15	/	/	17.94	/	/	<=38.45	Pass	
		Inner_Full	25.22	/	/	19.01	/	/	<=38.45	Pass	
		Inner_1RB_Left	25.65	/	/	19.44	/	/	<=38.45	Pass	
		Inner_1RB_Right	25.48	/	/	19.27	/	/	<=38.45	Pass	
	DFT-s-OFDM 16 QAM	834	Edge_1RB_Left	23.32	/	/	17.11	/	/	<=38.45	Pass
			Edge_1RB_Right	23.27	/	/	17.06	/	/	<=38.45	Pass
Outer_Full			23.16	/	/	16.95	/	/	<=38.45	Pass	
Inner_Full			24.27	/	/	18.06	/	/	<=38.45	Pass	
Inner_1RB_Left			24.37	/	/	18.16	/	/	<=38.45	Pass	
Inner_1RB_Right			24.27	/	/	18.06	/	/	<=38.45	Pass	
836.5		Edge_1RB_Left	23.48	/	/	17.27	/	/	<=38.45	Pass	
		Edge_1RB_Right	23.28	/	/	17.07	/	/	<=38.45	Pass	
		Outer_Full	23.19	/	/	16.98	/	/	<=38.45	Pass	
		Inner_Full	24.28	/	/	18.07	/	/	<=38.45	Pass	
		Inner_1RB_Left	24.48	/	/	18.27	/	/	<=38.45	Pass	
		Inner_1RB_Right	24.34	/	/	18.13	/	/	<=38.45	Pass	
839		Edge_1RB_Left	23.45	/	/	17.24	/	/	<=38.45	Pass	
		Edge_1RB_Right	23.27	/	/	17.06	/	/	<=38.45	Pass	
		Outer_Full	23.15	/	/	16.94	/	/	<=38.45	Pass	
		Inner_Full	24.22	/	/	18.01	/	/	<=38.45	Pass	
		Inner_1RB_Left	24.43	/	/	18.22	/	/	<=38.45	Pass	
		Inner_1RB_Right	24.20	/	/	17.99	/	/	<=38.45	Pass	
DFT-s-OFDM 64 QAM	834	Edge_1RB_Left	22.42	/	/	16.21	/	/	<=38.45	Pass	
		Edge_1RB_Right	22.37	/	/	16.16	/	/	<=38.45	Pass	
		Outer_Full	22.74	/	/	16.53	/	/	<=38.45	Pass	
		Inner_Full	22.77	/	/	16.56	/	/	<=38.45	Pass	
		Inner_1RB_Left	22.53	/	/	16.32	/	/	<=38.45	Pass	
		Inner_1RB_Right	22.40	/	/	16.19	/	/	<=38.45	Pass	
	836.5	Edge_1RB_Left	22.44	/	/	16.23	/	/	<=38.45	Pass	
		Edge_1RB_Right	22.40	/	/	16.19	/	/	<=38.45	Pass	
		Outer_Full	22.75	/	/	16.54	/	/	<=38.45	Pass	
		Inner_Full	22.78	/	/	16.57	/	/	<=38.45	Pass	
		Inner_1RB_Left	22.50	/	/	16.29	/	/	<=38.45	Pass	
		Inner_1RB_Right	22.39	/	/	16.18	/	/	<=38.45	Pass	
	839	Edge_1RB_Left	22.62	/	/	16.41	/	/	<=38.45	Pass	

		Edge_1RB_Right	22.39	/	/	16.18	/	/	<=38.45	Pass
		Outer_Full	22.71	/	/	16.50	/	/	<=38.45	Pass
		Inner_Full	22.73	/	/	16.52	/	/	<=38.45	Pass
		Inner_1RB_Left	22.49	/	/	16.28	/	/	<=38.45	Pass
		Inner_1RB_Right	22.51	/	/	16.30	/	/	<=38.45	Pass
DFT-s-OFDM 256 QAM	834	Edge_1RB_Left	20.75	/	/	14.54	/	/	<=38.45	Pass
		Edge_1RB_Right	20.63	/	/	14.42	/	/	<=38.45	Pass
		Outer_Full	20.69	/	/	14.48	/	/	<=38.45	Pass
		Inner_Full	20.73	/	/	14.52	/	/	<=38.45	Pass
		Inner_1RB_Left	20.75	/	/	14.54	/	/	<=38.45	Pass
	836.5	Inner_1RB_Right	20.67	/	/	14.46	/	/	<=38.45	Pass
		Edge_1RB_Left	20.79	/	/	14.58	/	/	<=38.45	Pass
		Edge_1RB_Right	20.68	/	/	14.47	/	/	<=38.45	Pass
		Outer_Full	20.70	/	/	14.49	/	/	<=38.45	Pass
		Inner_Full	20.77	/	/	14.56	/	/	<=38.45	Pass
	839	Inner_1RB_Left	20.74	/	/	14.53	/	/	<=38.45	Pass
		Inner_1RB_Right	20.69	/	/	14.48	/	/	<=38.45	Pass
		Edge_1RB_Left	20.80	/	/	14.59	/	/	<=38.45	Pass
		Edge_1RB_Right	20.73	/	/	14.52	/	/	<=38.45	Pass
		Outer_Full	20.70	/	/	14.49	/	/	<=38.45	Pass
CP-OFDM QPSK	834	Inner_Full	20.73	/	/	14.52	/	/	<=38.45	Pass
		Inner_1RB_Left	20.78	/	/	14.57	/	/	<=38.45	Pass
		Inner_1RB_Right	20.73	/	/	14.52	/	/	<=38.45	Pass
		Edge_1RB_Left	22.24	/	/	16.03	/	/	<=38.45	Pass
		Edge_1RB_Right	22.14	/	/	15.93	/	/	<=38.45	Pass
	836.5	Outer_Full	22.15	/	/	15.94	/	/	<=38.45	Pass
		Inner_Full	23.70	/	/	17.49	/	/	<=38.45	Pass
		Inner_1RB_Left	23.82	/	/	17.61	/	/	<=38.45	Pass
		Inner_1RB_Right	23.72	/	/	17.51	/	/	<=38.45	Pass
		Edge_1RB_Left	22.26	/	/	16.05	/	/	<=38.45	Pass
	839	Edge_1RB_Right	22.18	/	/	15.97	/	/	<=38.45	Pass
		Outer_Full	22.21	/	/	16.00	/	/	<=38.45	Pass
		Inner_Full	23.71	/	/	17.50	/	/	<=38.45	Pass
		Inner_1RB_Left	23.96	/	/	17.75	/	/	<=38.45	Pass
		Inner_1RB_Right	23.75	/	/	17.54	/	/	<=38.45	Pass
CP-OFDM 16 QAM	834	Edge_1RB_Left	22.30	/	/	16.09	/	/	<=38.45	Pass
		Edge_1RB_Right	22.14	/	/	15.93	/	/	<=38.45	Pass
		Outer_Full	22.14	/	/	15.93	/	/	<=38.45	Pass
		Inner_Full	23.68	/	/	17.47	/	/	<=38.45	Pass
		Inner_1RB_Left	23.89	/	/	17.68	/	/	<=38.45	Pass
	836.5	Inner_1RB_Right	23.81	/	/	17.60	/	/	<=38.45	Pass
		Edge_1RB_Left	22.37	/	/	16.16	/	/	<=38.45	Pass
		Edge_1RB_Right	22.31	/	/	16.10	/	/	<=38.45	Pass
		Outer_Full	22.21	/	/	16.00	/	/	<=38.45	Pass
		Inner_Full	23.15	/	/	16.94	/	/	<=38.45	Pass
	839	Inner_1RB_Left	23.39	/	/	17.18	/	/	<=38.45	Pass
		Inner_1RB_Right	23.28	/	/	17.07	/	/	<=38.45	Pass
		Edge_1RB_Left	22.40	/	/	16.19	/	/	<=38.45	Pass
		Edge_1RB_Right	22.28	/	/	16.07	/	/	<=38.45	Pass
		Outer_Full	22.23	/	/	16.02	/	/	<=38.45	Pass
836.5	Inner_Full	23.19	/	/	16.98	/	/	<=38.45	Pass	
	Inner_1RB_Left	23.44	/	/	17.23	/	/	<=38.45	Pass	
	Inner_1RB_Right	23.27	/	/	17.06	/	/	<=38.45	Pass	
	Edge_1RB_Left	22.46	/	/	16.25	/	/	<=38.45	Pass	
	Edge_1RB_Right	22.11	/	/	15.90	/	/	<=38.45	Pass	
839	Outer_Full	22.19	/	/	15.98	/	/	<=38.45	Pass	
	Inner_Full	23.16	/	/	16.95	/	/	<=38.45	Pass	
	Inner_1RB_Left	23.40	/	/	17.19	/	/	<=38.45	Pass	
	Inner_1RB_Right	23.14	/	/	16.93	/	/	<=38.45	Pass	

CP-OFDM 64 QAM	834	Edge_1RB_Left	21.54	/	/	15.33	/	/	<=38.45	Pass
		Edge_1RB_Right	21.47	/	/	15.26	/	/	<=38.45	Pass
		Outer_Full	21.67	/	/	15.46	/	/	<=38.45	Pass
		Inner_Full	21.72	/	/	15.51	/	/	<=38.45	Pass
		Inner_1RB_Left	21.51	/	/	15.30	/	/	<=38.45	Pass
	Inner_1RB_Right	21.46	/	/	15.25	/	/	<=38.45	Pass	
	836.5	Edge_1RB_Left	21.61	/	/	15.40	/	/	<=38.45	Pass
		Edge_1RB_Right	21.46	/	/	15.25	/	/	<=38.45	Pass
		Outer_Full	21.69	/	/	15.48	/	/	<=38.45	Pass
		Inner_Full	21.73	/	/	15.52	/	/	<=38.45	Pass
		Inner_1RB_Left	21.52	/	/	15.31	/	/	<=38.45	Pass
	Inner_1RB_Right	21.43	/	/	15.22	/	/	<=38.45	Pass	
	839	Edge_1RB_Left	21.64	/	/	15.43	/	/	<=38.45	Pass
		Edge_1RB_Right	21.39	/	/	15.18	/	/	<=38.45	Pass
		Outer_Full	21.66	/	/	15.45	/	/	<=38.45	Pass
Inner_Full		21.67	/	/	15.46	/	/	<=38.45	Pass	
Inner_1RB_Left		21.60	/	/	15.39	/	/	<=38.45	Pass	
Inner_1RB_Right	21.33	/	/	15.12	/	/	<=38.45	Pass		
CP-OFDM 256 QAM	834	Edge_1RB_Left	18.67	/	/	12.46	/	/	<=38.45	Pass
		Edge_1RB_Right	18.67	/	/	12.46	/	/	<=38.45	Pass
		Outer_Full	18.68	/	/	12.47	/	/	<=38.45	Pass
		Inner_Full	18.73	/	/	12.52	/	/	<=38.45	Pass
		Inner_1RB_Left	18.63	/	/	12.42	/	/	<=38.45	Pass
	Inner_1RB_Right	18.64	/	/	12.43	/	/	<=38.45	Pass	
	836.5	Edge_1RB_Left	18.74	/	/	12.53	/	/	<=38.45	Pass
		Edge_1RB_Right	18.67	/	/	12.46	/	/	<=38.45	Pass
		Outer_Full	18.73	/	/	12.52	/	/	<=38.45	Pass
		Inner_Full	18.72	/	/	12.51	/	/	<=38.45	Pass
		Inner_1RB_Left	18.73	/	/	12.52	/	/	<=38.45	Pass
	Inner_1RB_Right	18.62	/	/	12.41	/	/	<=38.45	Pass	
	839	Edge_1RB_Left	18.83	/	/	12.62	/	/	<=38.45	Pass
		Edge_1RB_Right	18.64	/	/	12.43	/	/	<=38.45	Pass
		Outer_Full	18.68	/	/	12.47	/	/	<=38.45	Pass
Inner_Full		18.68	/	/	12.47	/	/	<=38.45	Pass	
Inner_1RB_Left		18.80	/	/	12.59	/	/	<=38.45	Pass	
Inner_1RB_Right	18.58	/	/	12.37	/	/	<=38.45	Pass		
Note1: Antenna Gain: Ant0: -4.06dBi;										
Note2: ERP=Conducted Power+Antenna Gain-2.15										

2. Frequency Stability

2.1 Test Result

2.1.1 15k_SISO_20MHz

5G NR n5 SCS=15kHz SISO 20MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	836.5	Outer_Full	20	LV	-6.20	-0.0074	>=-2.5 & <=-2.5	Pass
				HV	-5.80	-0.0069	>=-2.5 & <=-2.5	Pass
			-30	NV	-6.50	-0.0078	>=-2.5 & <=-2.5	Pass
			-20	NV	-5.60	-0.0067	>=-2.5 & <=-2.5	Pass
			-10	NV	-6.70	-0.0080	>=-2.5 & <=-2.5	Pass
			0	NV	-6.00	-0.0072	>=-2.5 & <=-2.5	Pass
			10	NV	-6.00	-0.0072	>=-2.5 & <=-2.5	Pass
			20	NV	-6.10	-0.0073	>=-2.5 & <=-2.5	Pass
			30	NV	-5.10	-0.0061	>=-2.5 & <=-2.5	Pass
			40	NV	-7.70	-0.0092	>=-2.5 & <=-2.5	Pass
50	NV	-5.50	-0.0066	>=-2.5 & <=-2.5	Pass			

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 15k_SISO_5MHz_NTNV

5G NR n5 SCS=15kHz SISO 5MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	836.5	Outer_Full	4.56	5.00	/	Pass
DFT-s-OFDM QPSK	836.5	Outer_Full	4.53	4.97	/	Pass
DFT-s-OFDM 16 QAM	836.5	Outer_Full	4.53	4.98	/	Pass
DFT-s-OFDM 64 QAM	836.5	Outer_Full	4.56	5.01	/	Pass
DFT-s-OFDM 256 QAM	836.5	Outer_Full	4.54	4.99	/	Pass
CP-OFDM QPSK	836.5	Outer_Full	4.53	4.98	/	Pass
CP-OFDM 16 QAM	836.5	Outer_Full	4.54	5.00	/	Pass
CP-OFDM 64 QAM	836.5	Outer_Full	4.54	5.02	/	Pass
CP-OFDM 256 QAM	836.5	Outer_Full	4.53	5.01	/	Pass

3.1.2 15k_SISO_10MHz_NTNV

5G NR n5 SCS=15kHz SISO 10MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	836.5	Outer_Full	9.06	9.71	/	Pass
DFT-s-OFDM QPSK	836.5	Outer_Full	9.04	9.74	/	Pass
DFT-s-OFDM 16 QAM	836.5	Outer_Full	9.05	9.77	/	Pass
DFT-s-OFDM 64 QAM	836.5	Outer_Full	9.05	9.71	/	Pass
DFT-s-OFDM 256 QAM	836.5	Outer_Full	8.99	9.69	/	Pass
CP-OFDM QPSK	836.5	Outer_Full	9.40	10.08	/	Pass
CP-OFDM 16 QAM	836.5	Outer_Full	9.35	10.06	/	Pass
CP-OFDM 64 QAM	836.5	Outer_Full	9.38	10.06	/	Pass
CP-OFDM 256 QAM	836.5	Outer_Full	9.37	10.06	/	Pass

3.1.3 15k_SISO_15MHz_NTNV

5G NR n5 SCS=15kHz SISO 15MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	836.5	Outer_Full	13.58	14.55	/	Pass
DFT-s-OFDM QPSK	836.5	Outer_Full	13.56	14.58	/	Pass
DFT-s-OFDM 16 QAM	836.5	Outer_Full	13.54	14.58	/	Pass
DFT-s-OFDM 64 QAM	836.5	Outer_Full	13.55	14.59	/	Pass
DFT-s-OFDM 256 QAM	836.5	Outer_Full	13.53	14.55	/	Pass
CP-OFDM QPSK	836.5	Outer_Full	14.21	15.27	/	Pass
CP-OFDM 16 QAM	836.5	Outer_Full	14.24	15.26	/	Pass
CP-OFDM 64 QAM	836.5	Outer_Full	14.27	15.29	/	Pass
CP-OFDM 256 QAM	836.5	Outer_Full	14.24	15.25	/	Pass

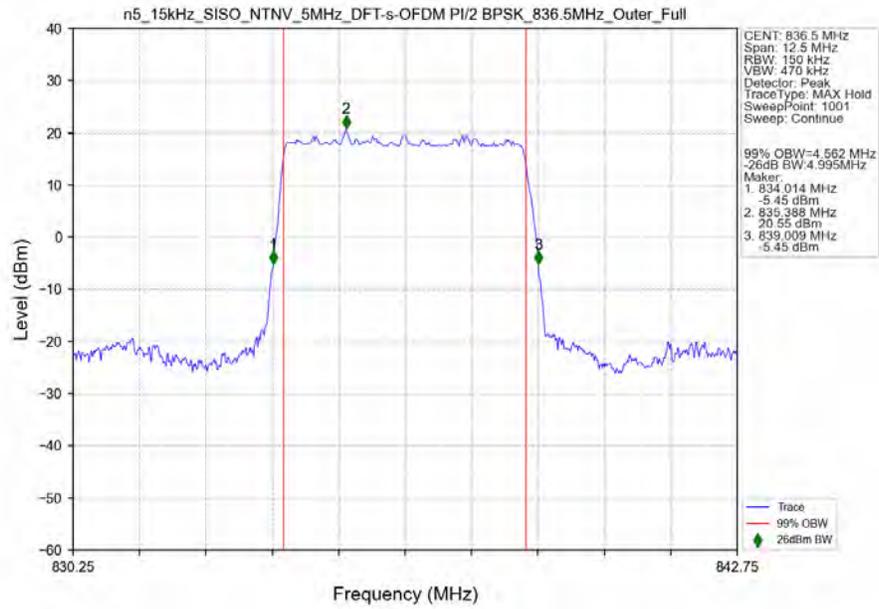
3.1.4 15k_SISO_20MHz_NTNV

5G NR n5 SCS=15kHz SISO 20MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	836.5	Outer_Full	18.08	19.37	/	Pass
DFT-s-OFDM QPSK	836.5	Outer_Full	18.06	19.43	/	Pass
DFT-s-OFDM 16 QAM	836.5	Outer_Full	18.02	19.37	/	Pass
DFT-s-OFDM 64 QAM	836.5	Outer_Full	18.09	19.41	/	Pass
DFT-s-OFDM 256 QAM	836.5	Outer_Full	17.99	19.34	/	Pass
CP-OFDM QPSK	836.5	Outer_Full	19.08	20.46	/	Pass
CP-OFDM 16 QAM	836.5	Outer_Full	19.06	20.45	/	Pass
CP-OFDM 64 QAM	836.5	Outer_Full	19.10	20.46	/	Pass
CP-OFDM 256 QAM	836.5	Outer_Full	19.04	20.46	/	Pass

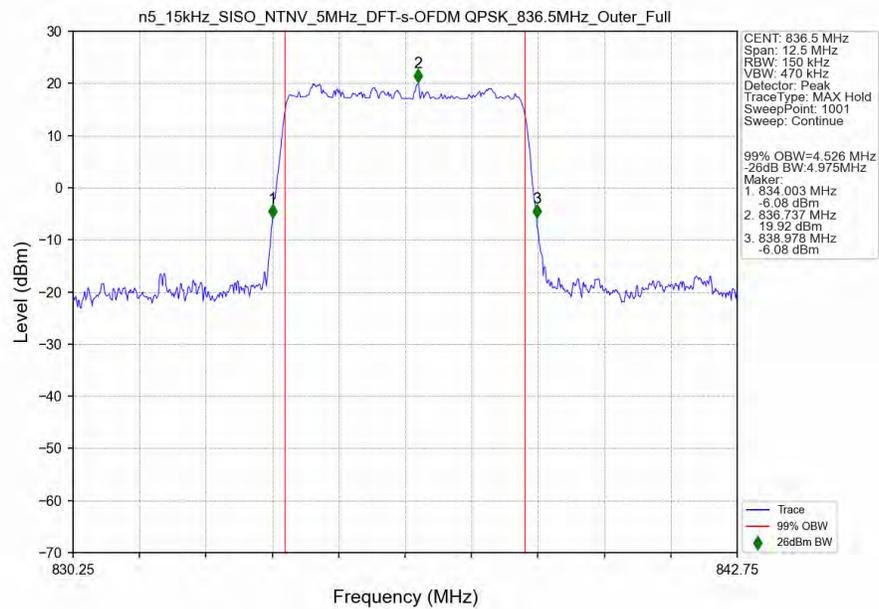
3.2 Test Graph

3.2.1 15k_SISO_5MHz_NTNV

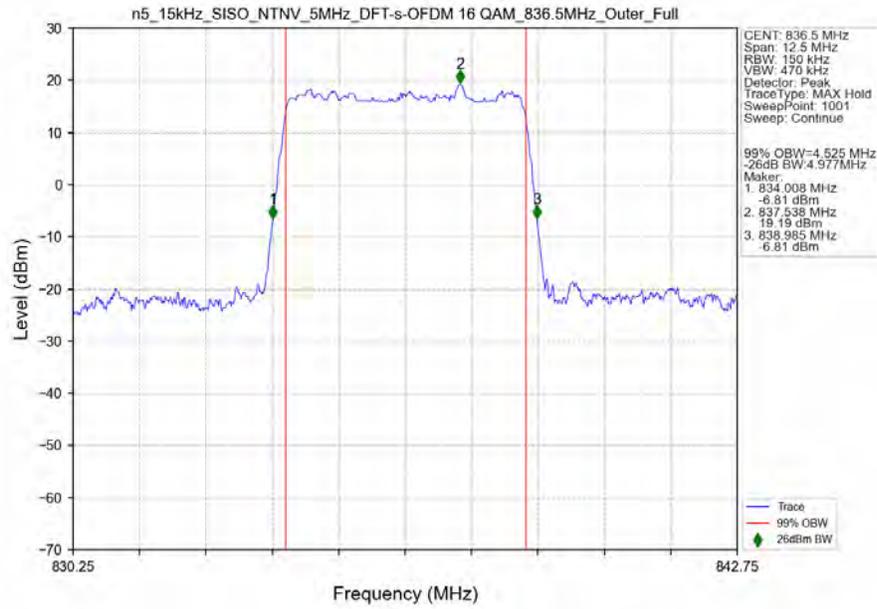
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_836.5MHz_Outer_Full_Ant0



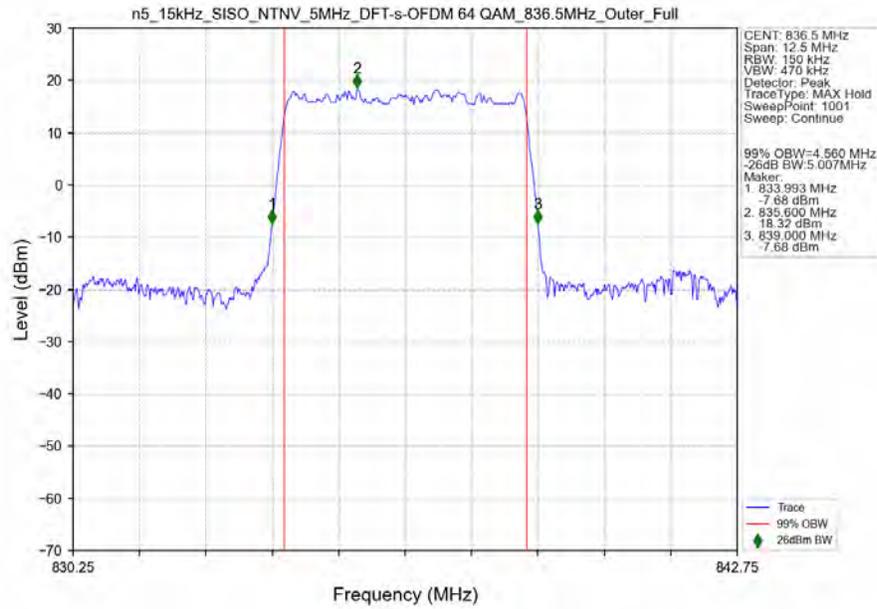
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_836.5MHz_Outer_Full_Ant0



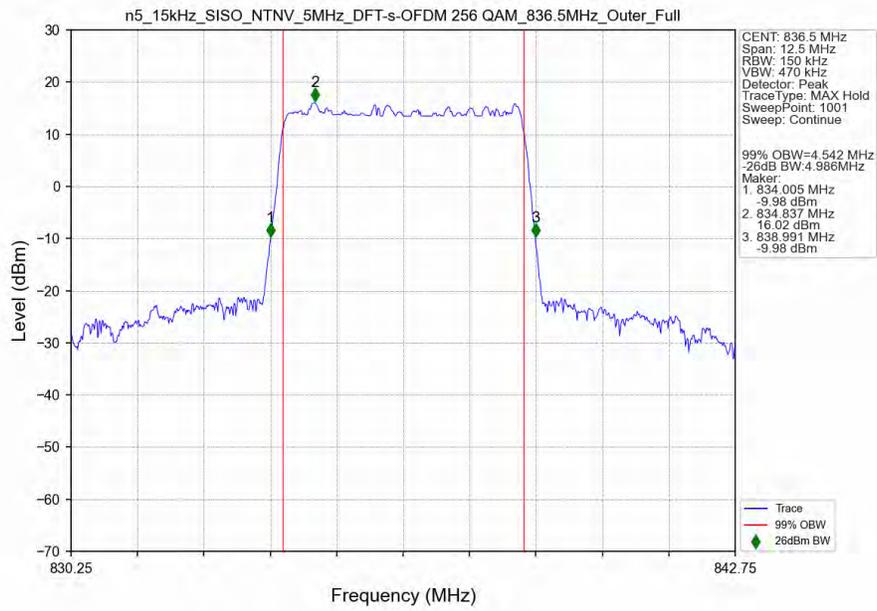
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 16 QAM_836.5MHz_Outer_Full_Ant0



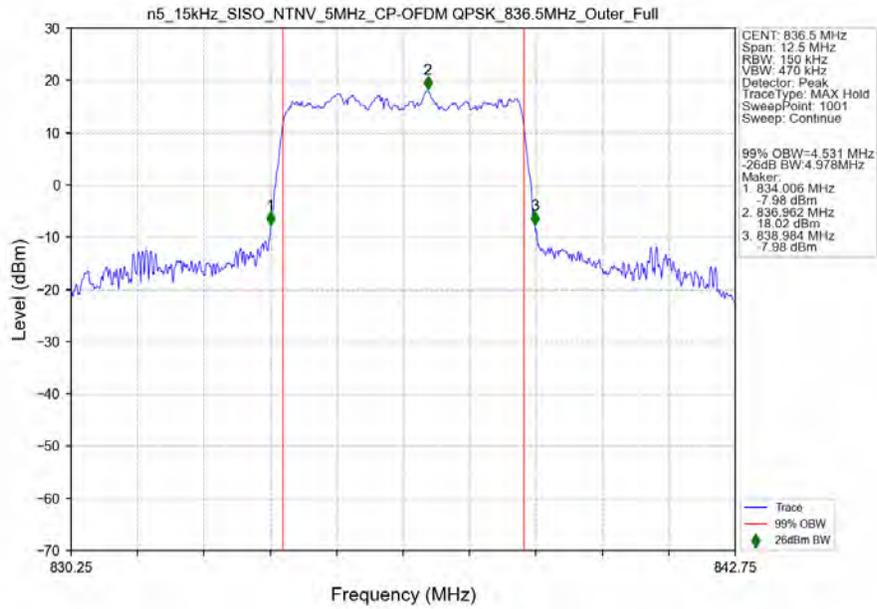
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 64 QAM_836.5MHz_Outer_Full_Ant0



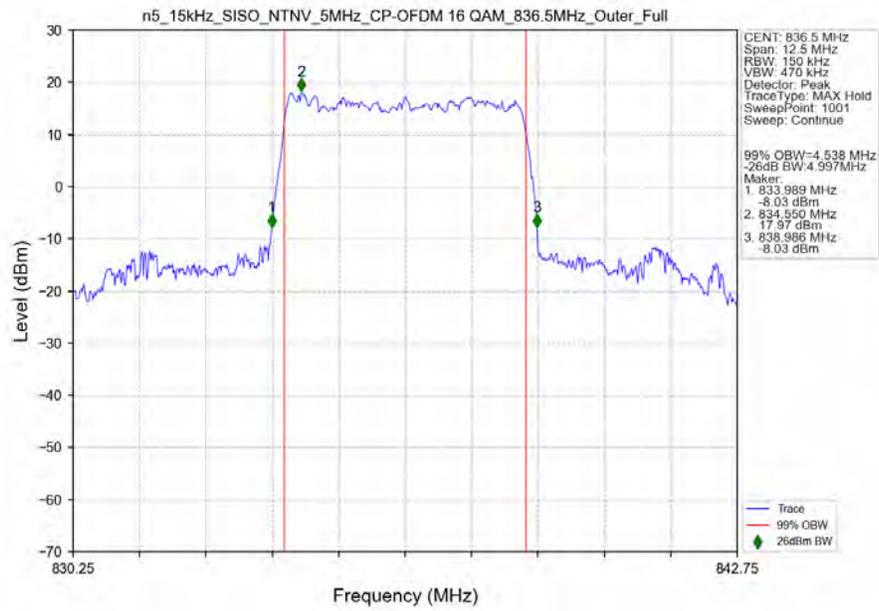
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 256 QAM_836.5MHz_Outer_Full_Ant0



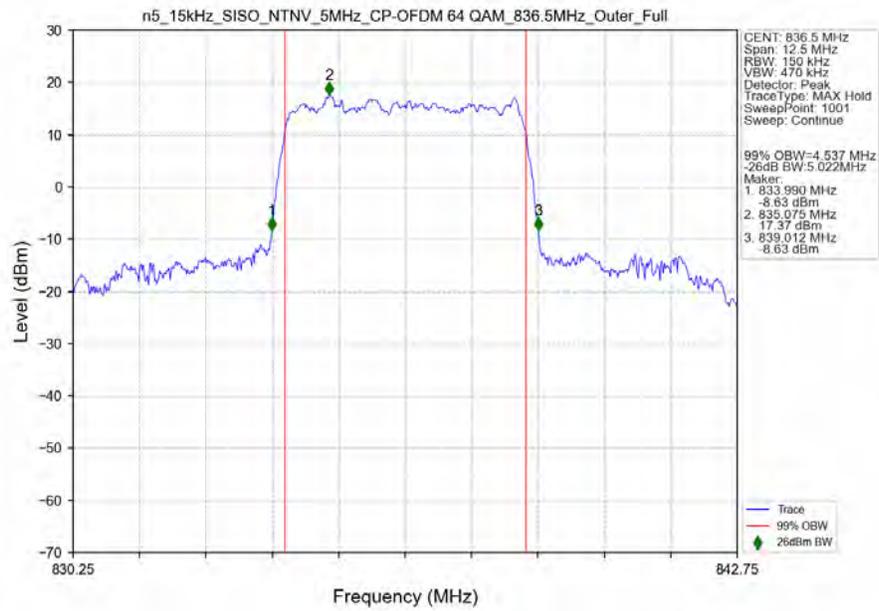
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_836.5MHz_Outer_Full_Ant0



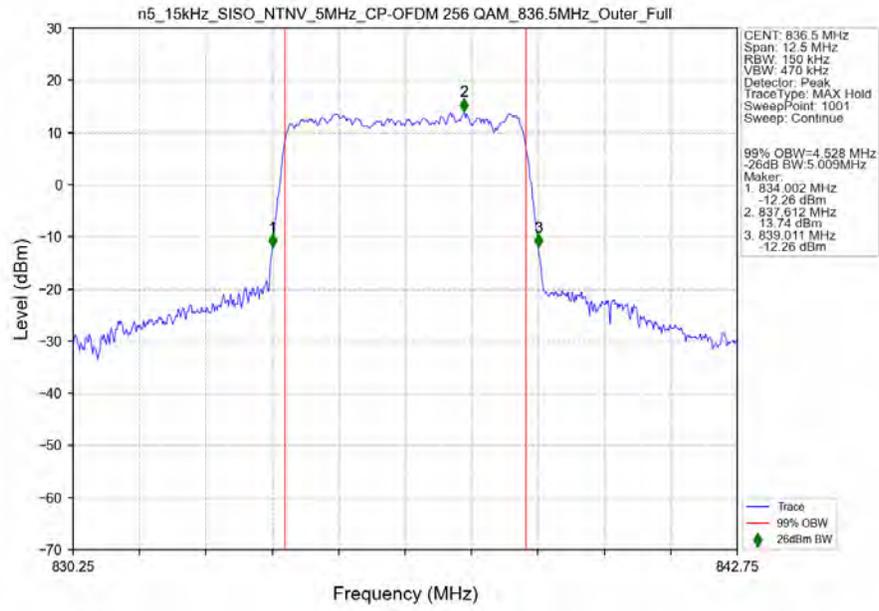
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM 16 QAM_836.5MHz_Outer_Full_Ant0



n5_15kHz_SISO_NTNV_5MHz_CP-OFDM 64 QAM_836.5MHz_Outer_Full_Ant0

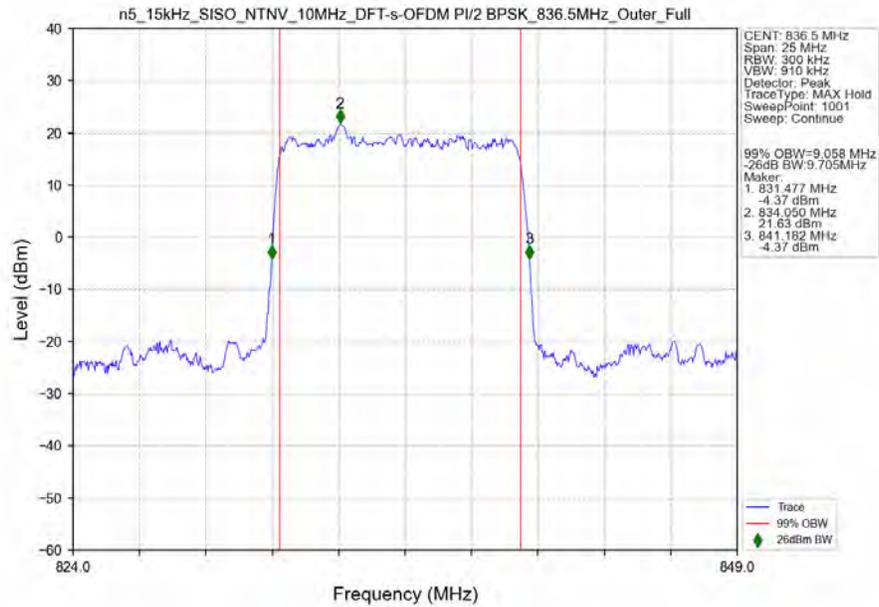


n5_15kHz_SISO_NTV_5MHz_CP-OFDM 256 QAM_836.5MHz_Outer_Full_Ant0

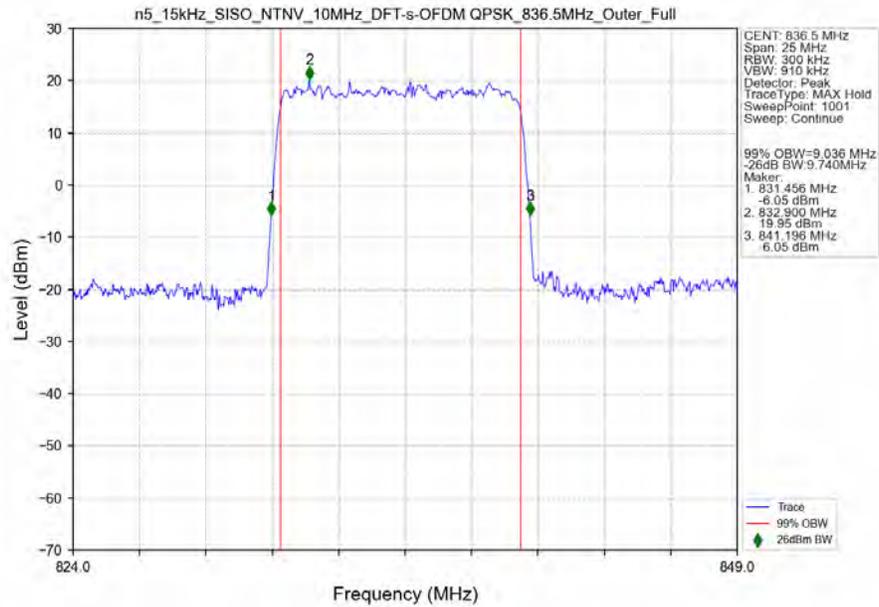


3.2.2 15k_SISO_10MHz_NTNV

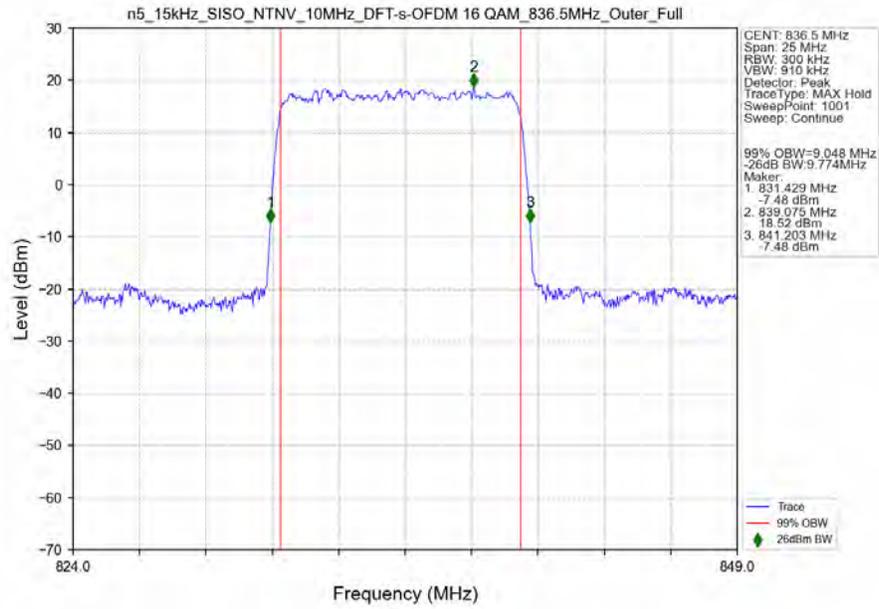
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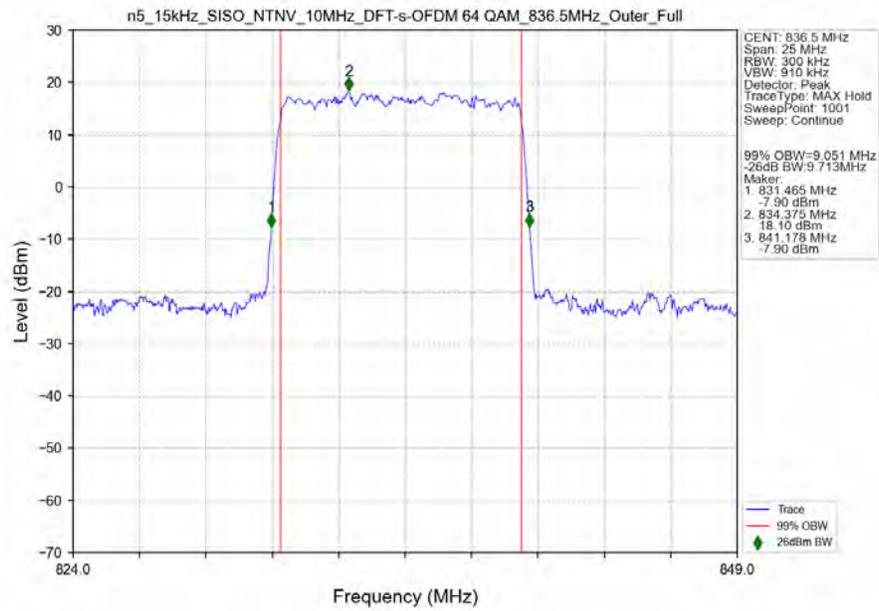
n5_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_836.5MHz_Outer_Full_Ant0



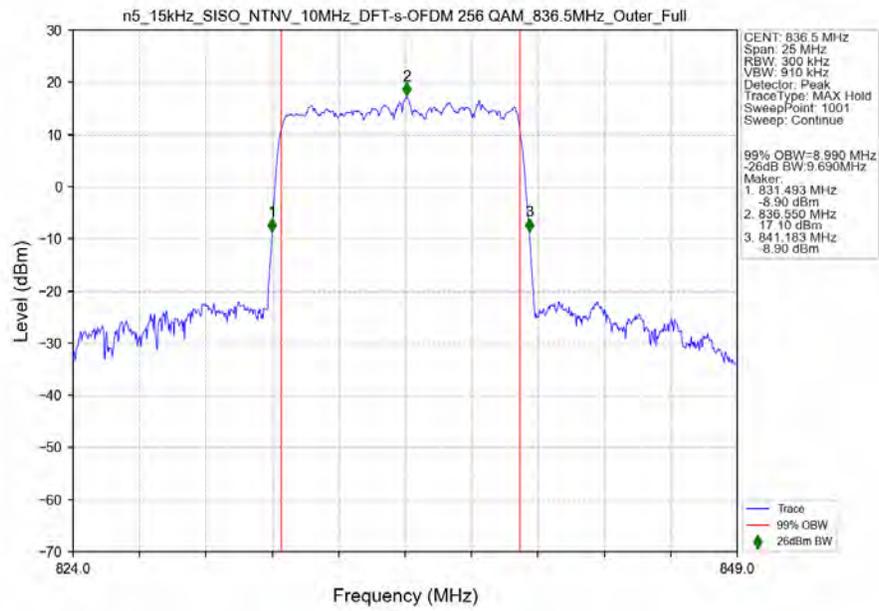
n5_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 16 QAM_836.5MHz_Outer_Full_Ant0



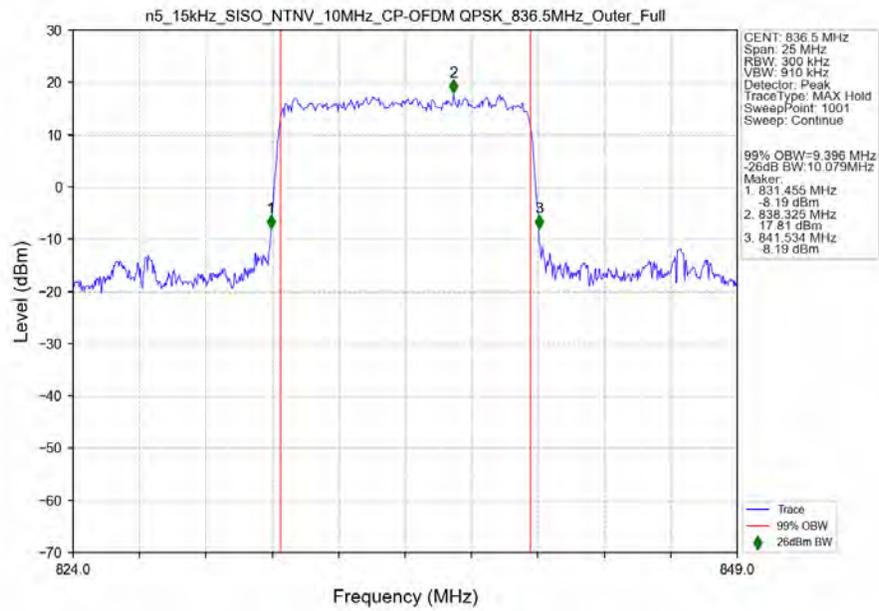
n5_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 64 QAM_836.5MHz_Outer_Full_Ant0



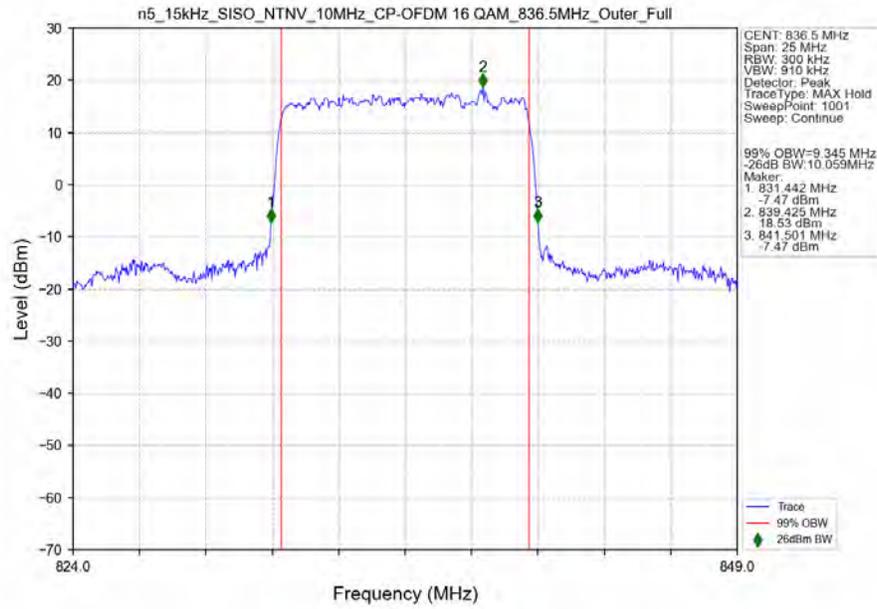
n5_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 256 QAM 836.5MHz_Outer_Full_Ant0



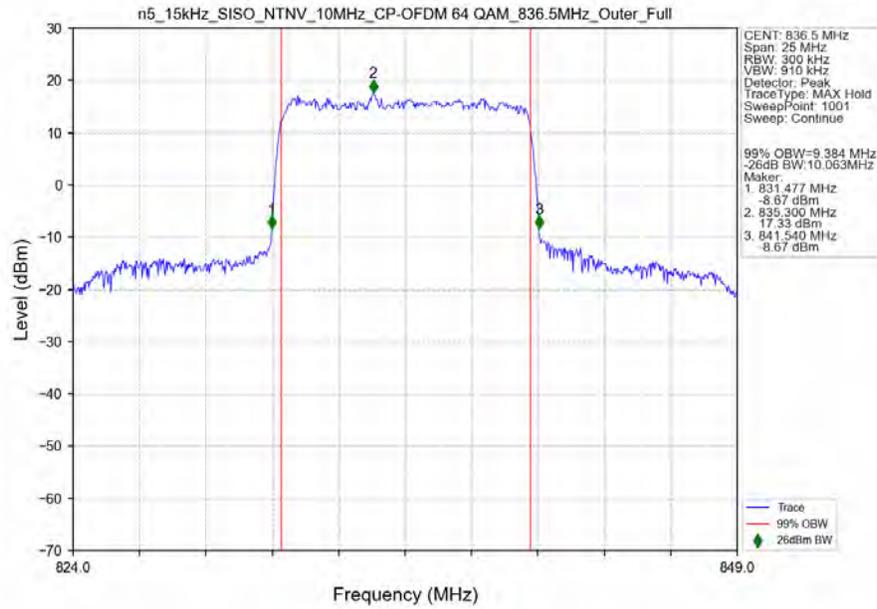
n5_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK 836.5MHz_Outer_Full_Ant0



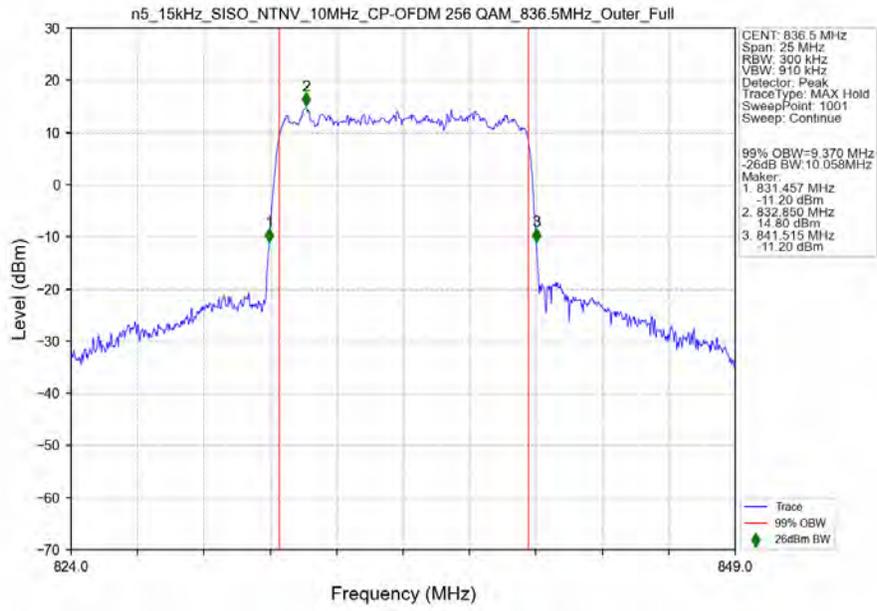
n5_15kHz_SISO_NTNV_10MHz_CP-OFDM 16 QAM 836.5MHz_Outer_Full_Ant0



n5_15kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM 836.5MHz_Outer_Full_Ant0

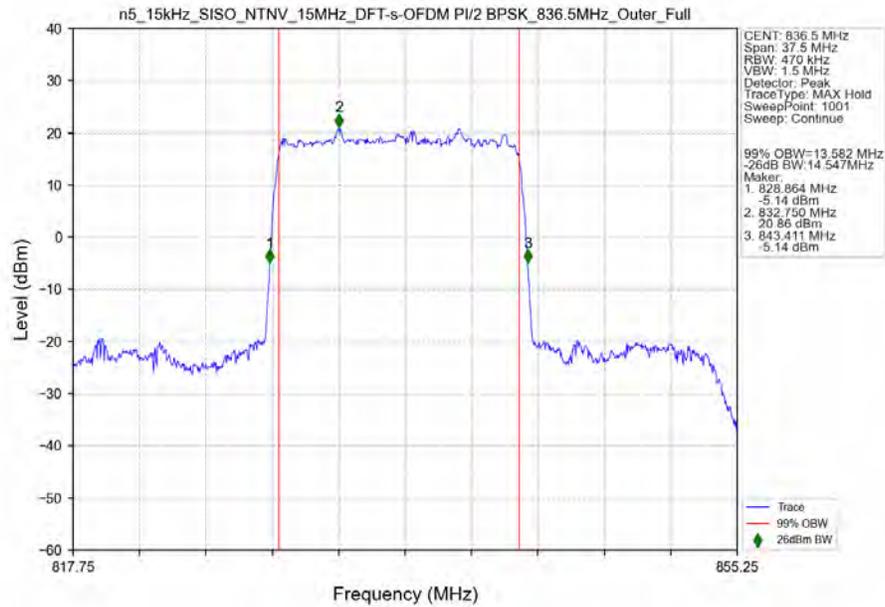


n5_15kHz_SISO_NTV_10MHz_CP-OFDM 256 QAM_836.5MHz_Outer_Full_Ant0

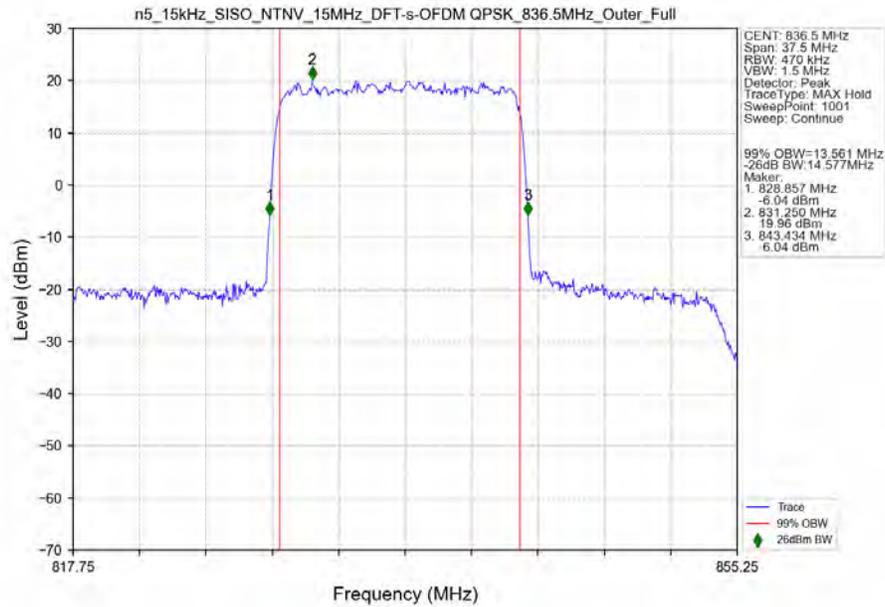


3.2.3 15k_SISO_15MHz_NTNV

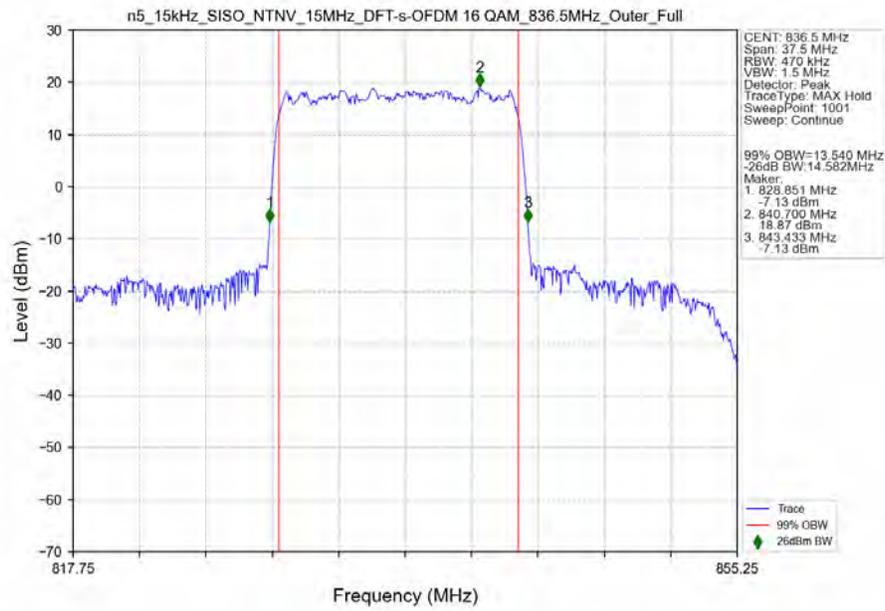
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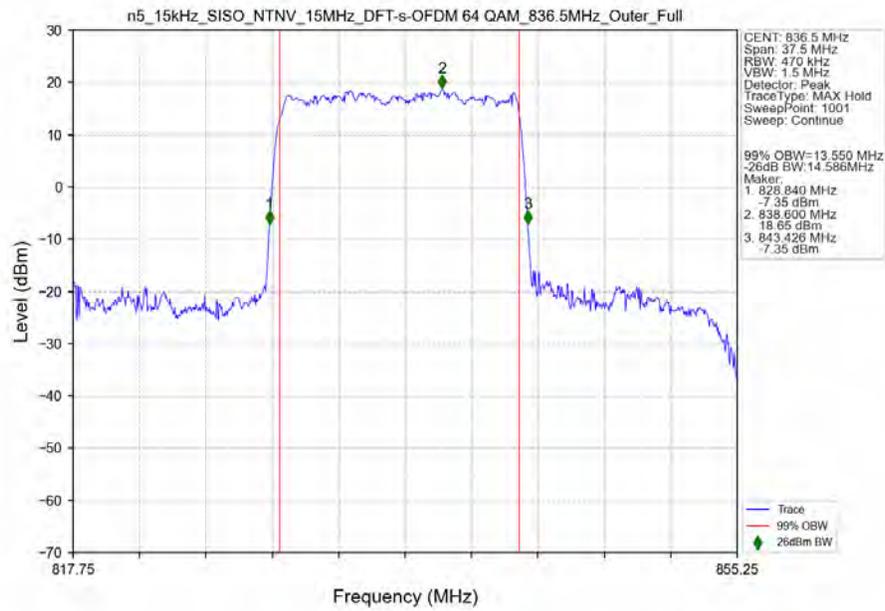
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_836.5MHz_Outer_Full_Ant0



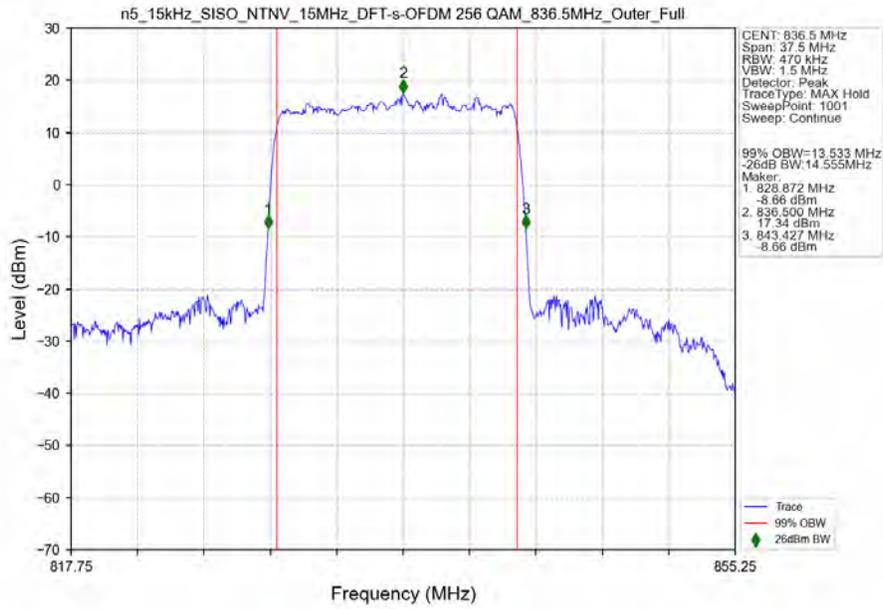
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 16 QAM_836.5MHz_Outer_Full_Ant0



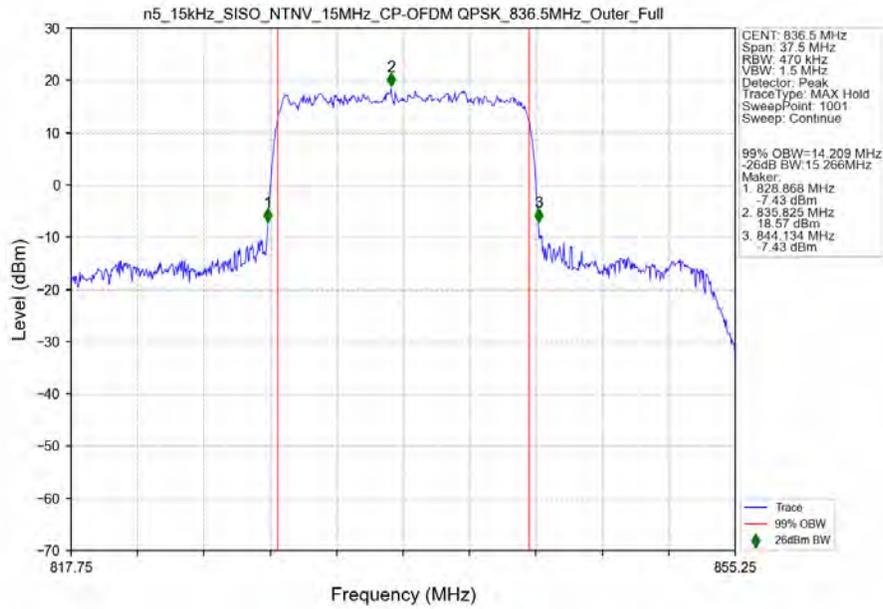
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 64 QAM_836.5MHz_Outer_Full_Ant0



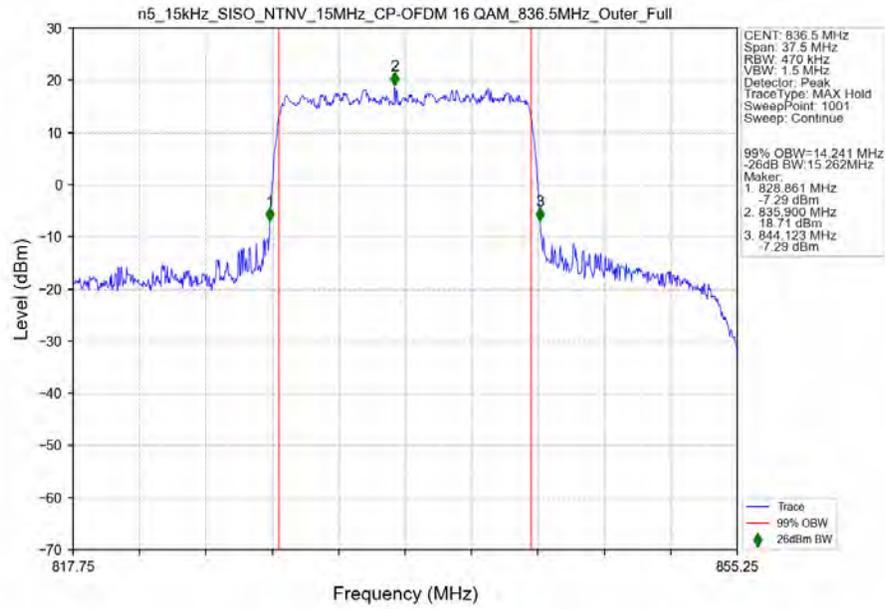
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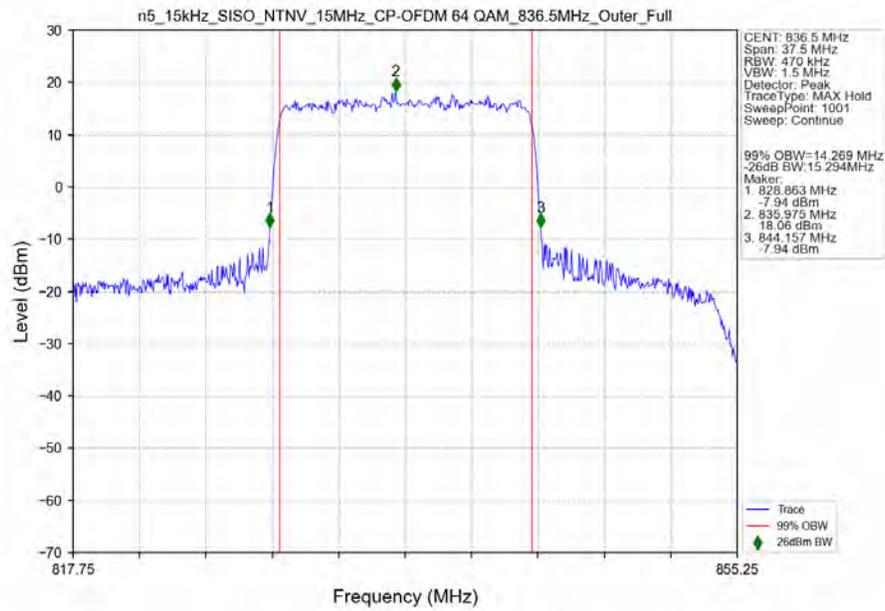
n5_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK 836.5MHz_Outer_Full_Ant0



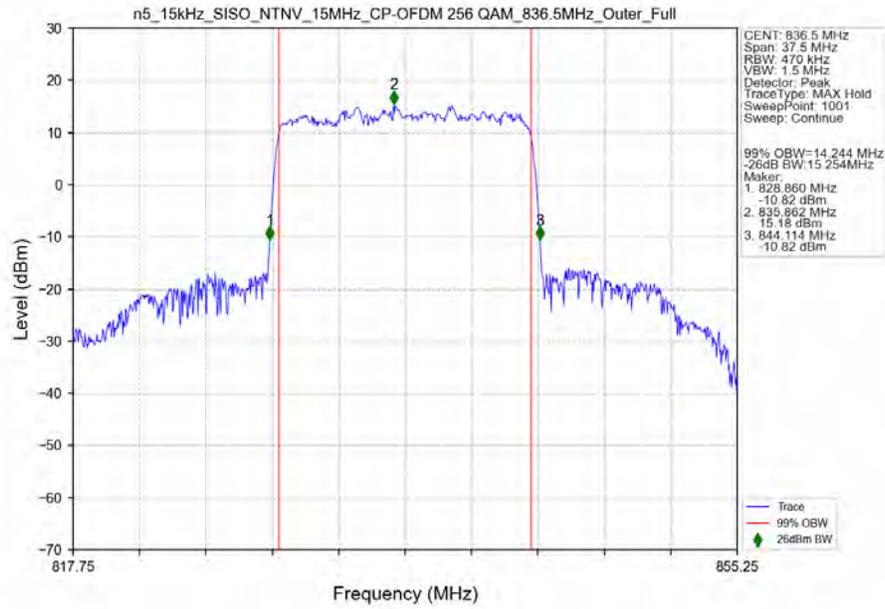
n5_15kHz_SISO_NTNV_15MHz_CP-OFDM 16 QAM 836.5MHz_Outer_Full_Ant0



n5_15kHz_SISO_NTNV_15MHz_CP-OFDM 64 QAM 836.5MHz_Outer_Full_Ant0

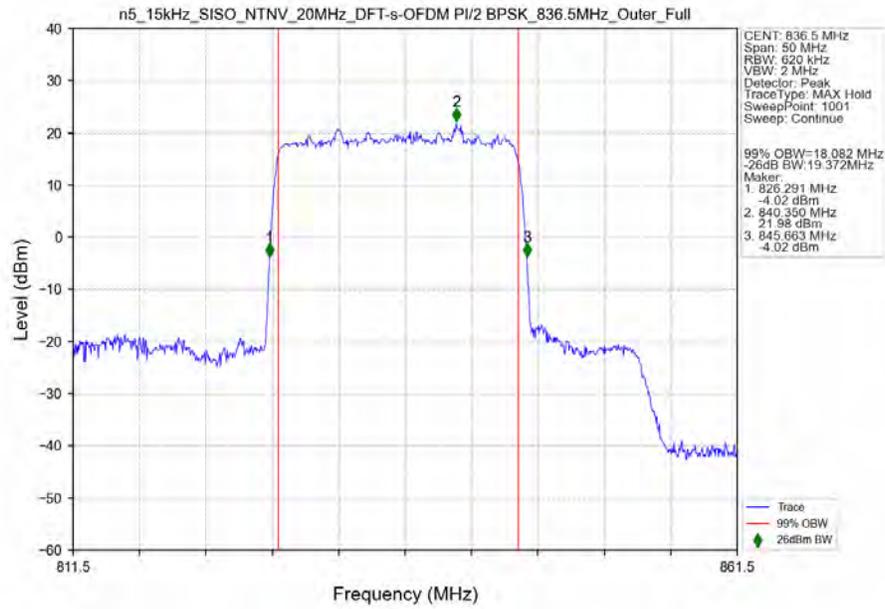


n5_15kHz_SISO_NTV_15MHz_CP-OFDM 256 QAM_836.5MHz_Outer_Full_Ant0

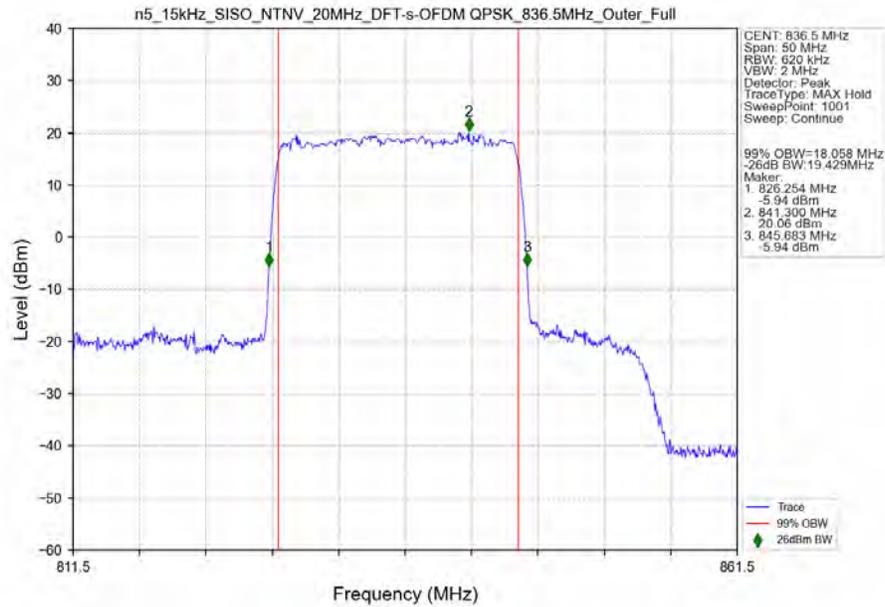


3.2.4 15k_SISO_20MHz_NTNV

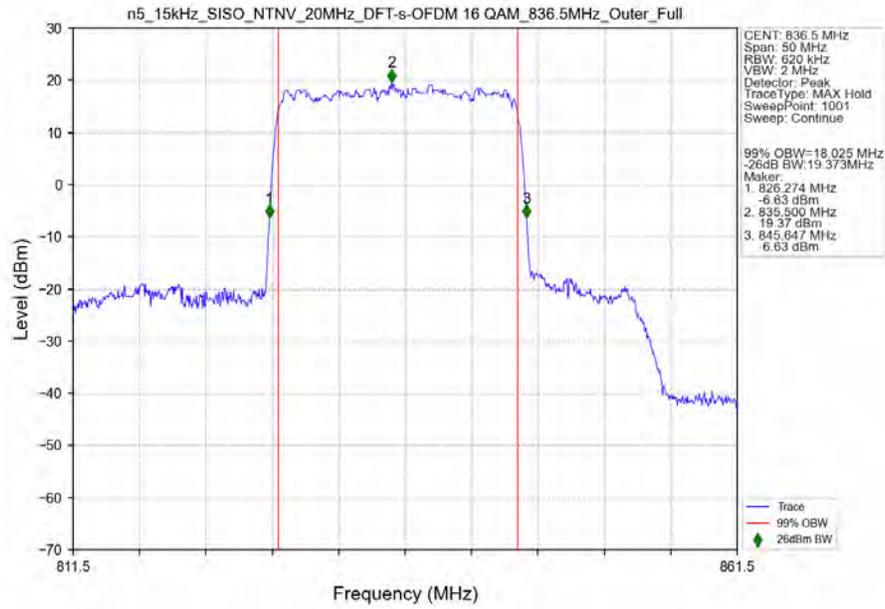
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_836.5MHz_Outer_Full_Ant0



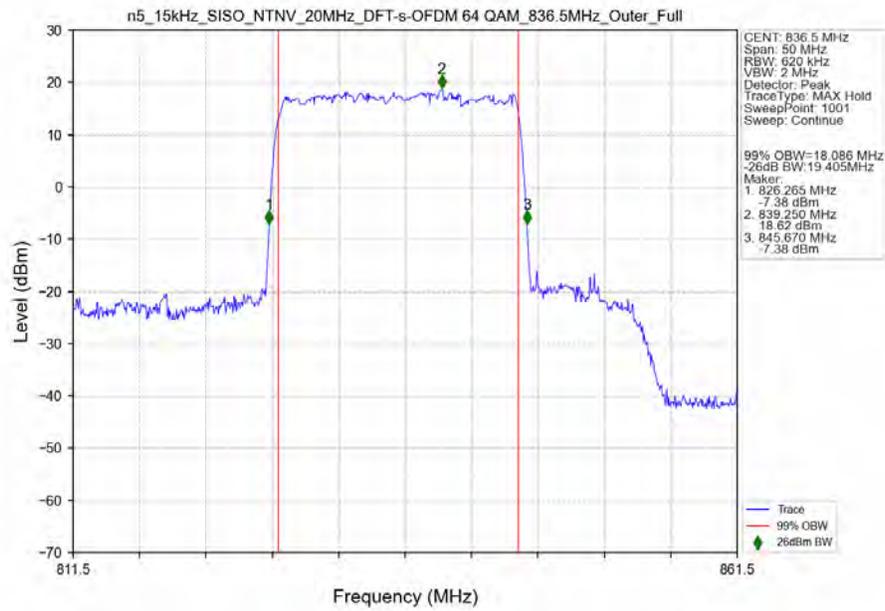
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_836.5MHz_Outer_Full_Ant0



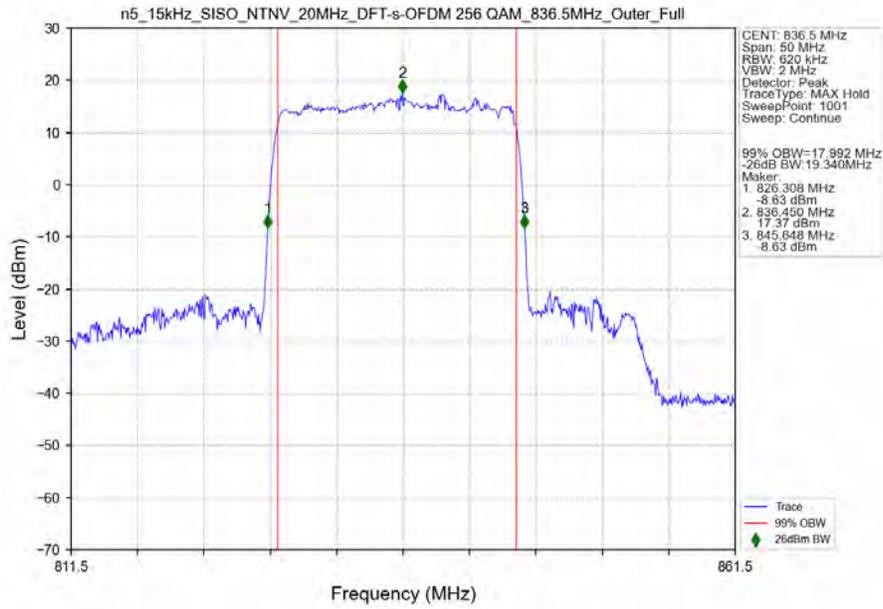
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 16 QAM_836.5MHz_Outer_Full_Ant0



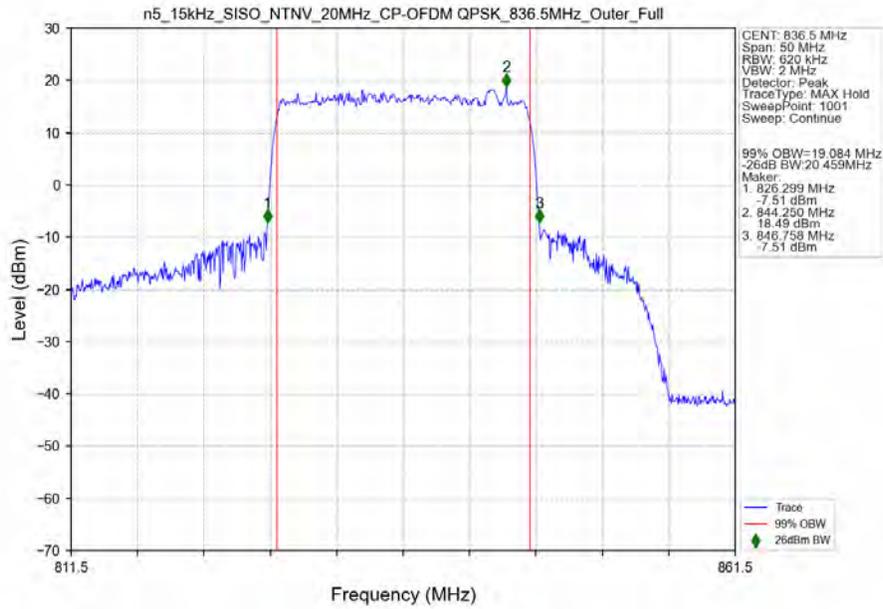
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 64 QAM_836.5MHz_Outer_Full_Ant0



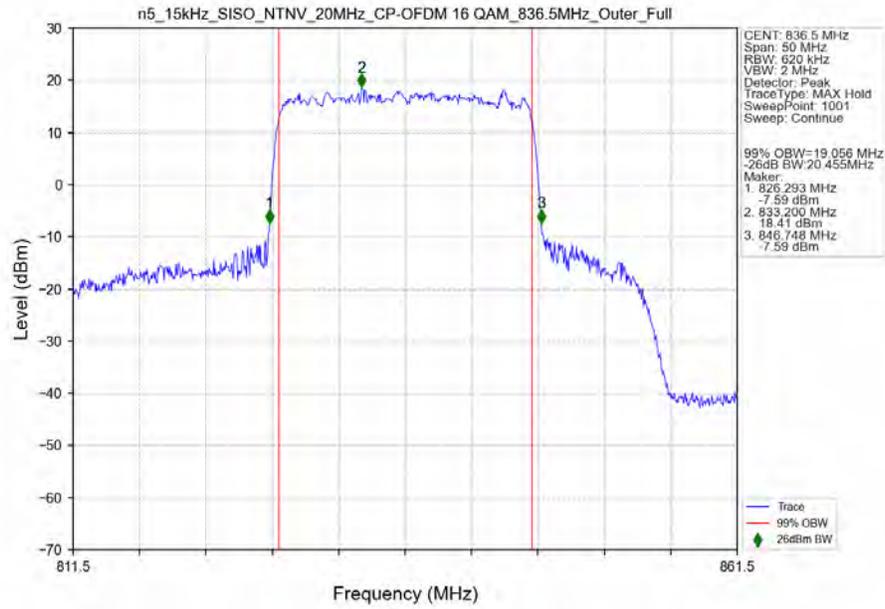
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 256 QAM 836.5MHz_Outer_Full_Ant0



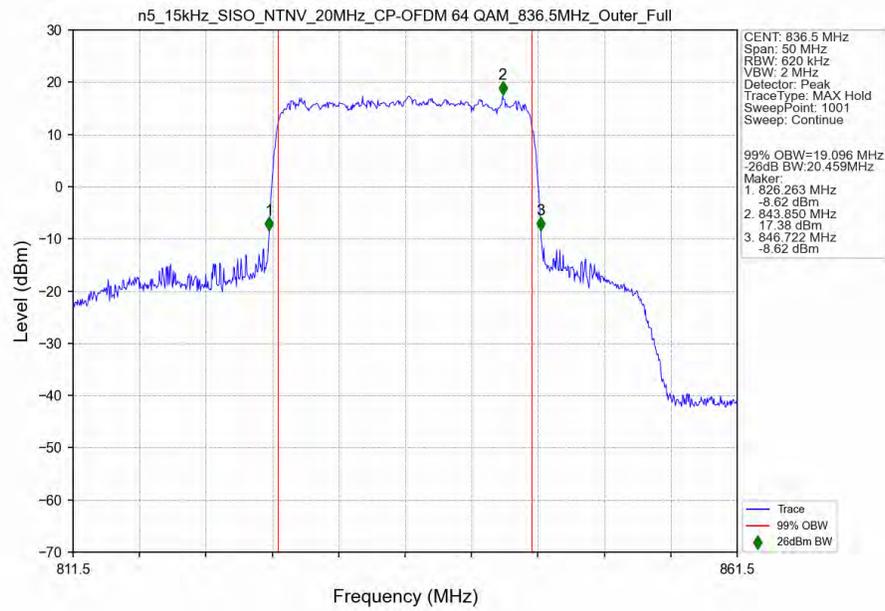
n5_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK 836.5MHz_Outer_Full_Ant0



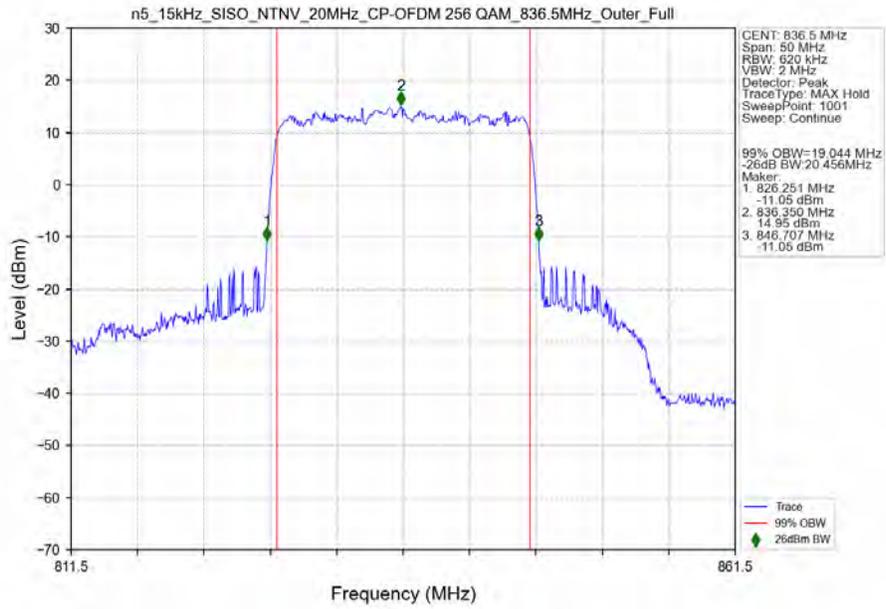
n5_15kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM 836.5MHz_Outer_Full_Ant0



n5_15kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM 836.5MHz_Outer_Full_Ant0



n5_15kHz_SISO_NTV_20MHz_CP-OFDM_256_QAM_836.5MHz_Outer_Full_Ant0



4. Peak-Average Ratio

4.1 Test Result

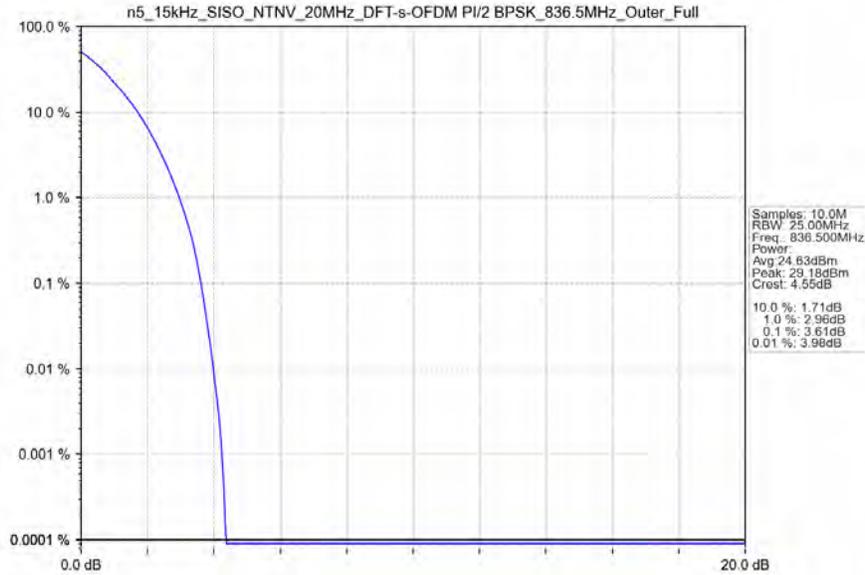
4.1.1 15k_SISO_20MHz_NTNV

5G NR n5 SCS=15kHz SISO 20MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant0	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	836.5	Outer_Full	3.61	/	/	<=13	Pass
DFT-s-OFDM QPSK	836.5	Outer_Full	4.65	/	/	<=13	Pass
CP-OFDM QPSK	836.5	Outer_Full	6.76	/	/	<=13	Pass

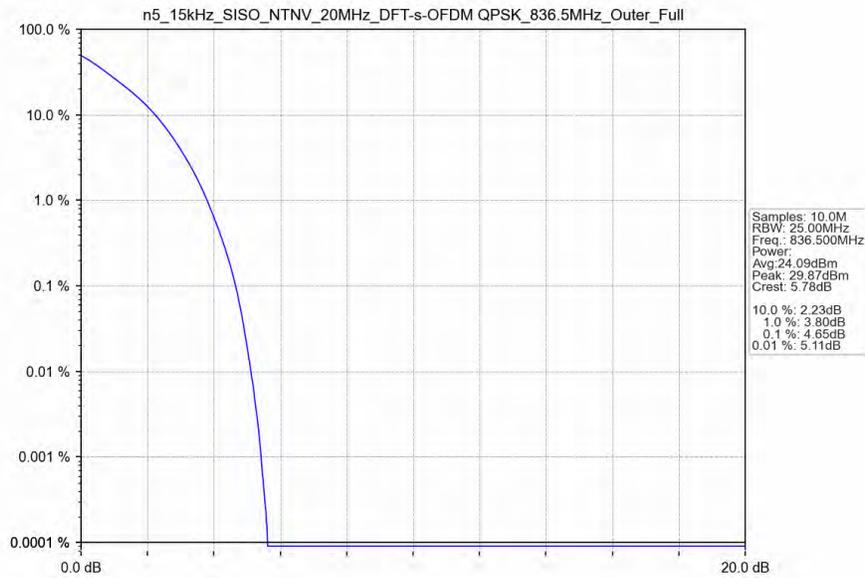
4.2 Test Graph

4.2.1 15k_SISO_20MHz_NTNV

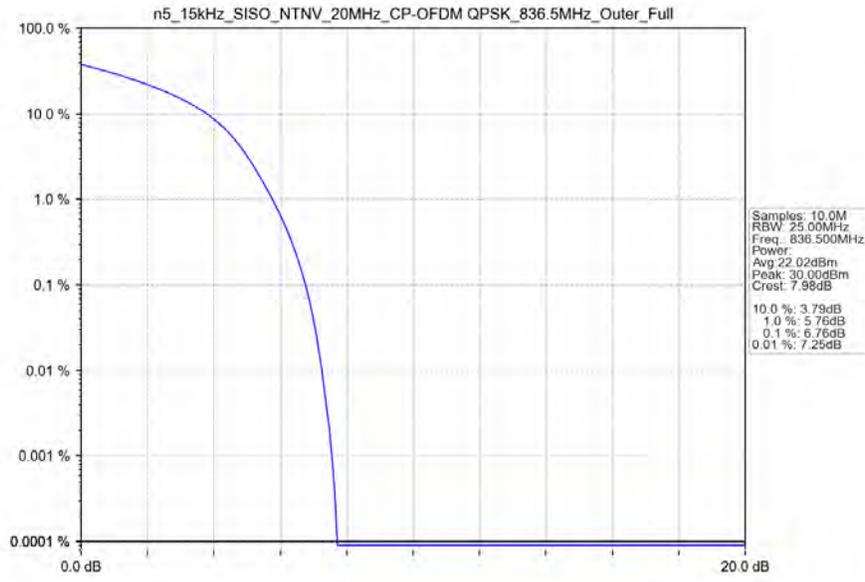
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_836.5MHz_Outer_Full_Ant0



n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_836.5MHz_Outer_Full_Ant0



n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_836.5MHz_Outer_Full_Ant0



5. Spurious Emission

5.1 Test Result

5.1.1 15k_SISO_5MHz_NTNV

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

5.1.2 15k_SISO_15MHz_NTNV

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

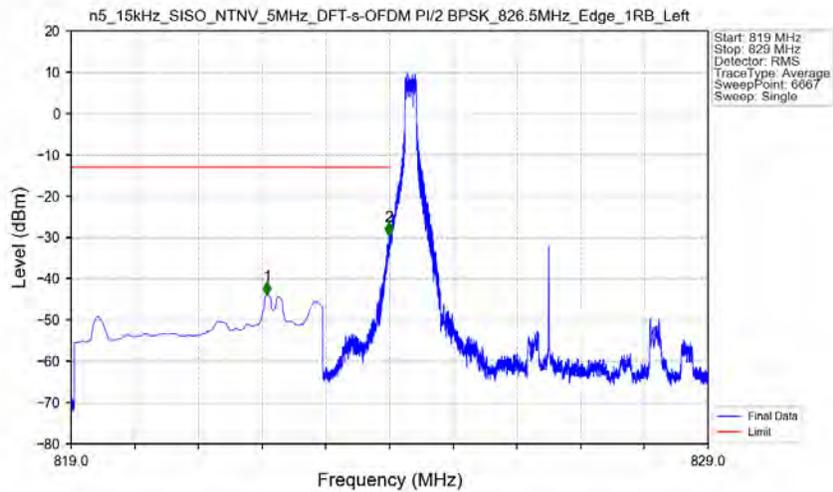
5.1.3 15k_SISO_20MHz_NTNV

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

5.2 Test Graph

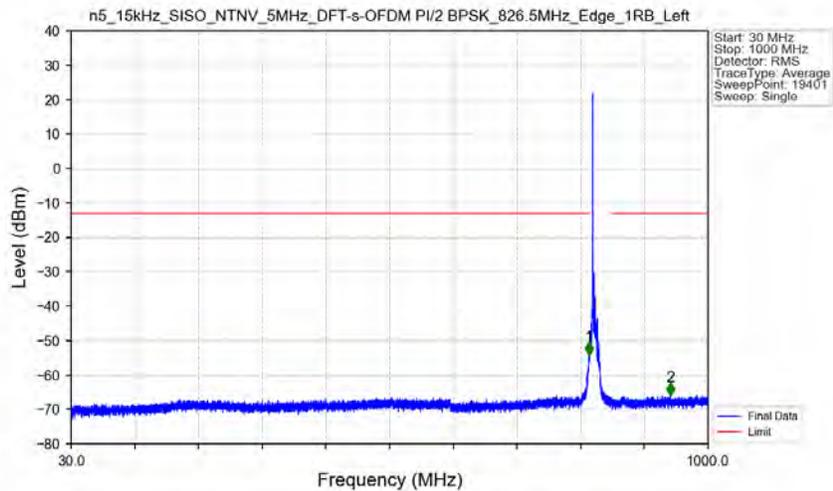
5.2.1 15k_SISO_5MHz_NTNV

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_826.5MHz_Edge_1RB_Left_Ant0



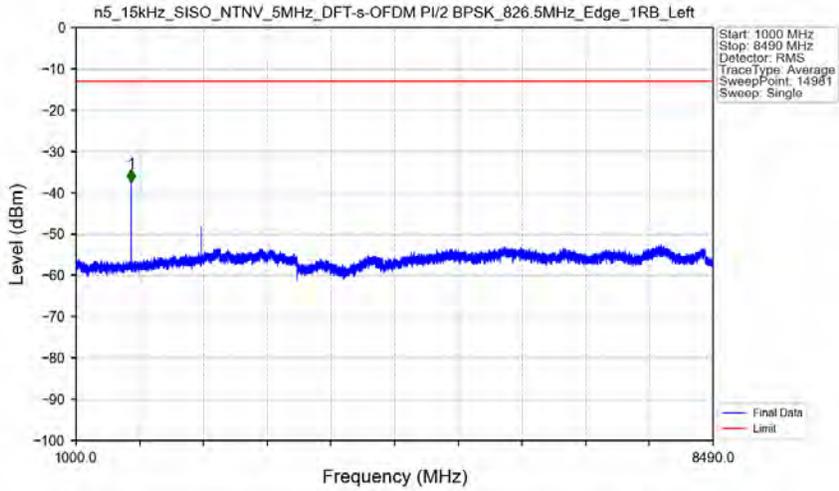
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.075	-43.82	-13	Pass
823	824	0.003	/	2	823.992	-29.57	-13	Pass
824	829	0.003	/	/	/	/	/	/

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_826.5MHz_Edge_1RB_Left_Ant0



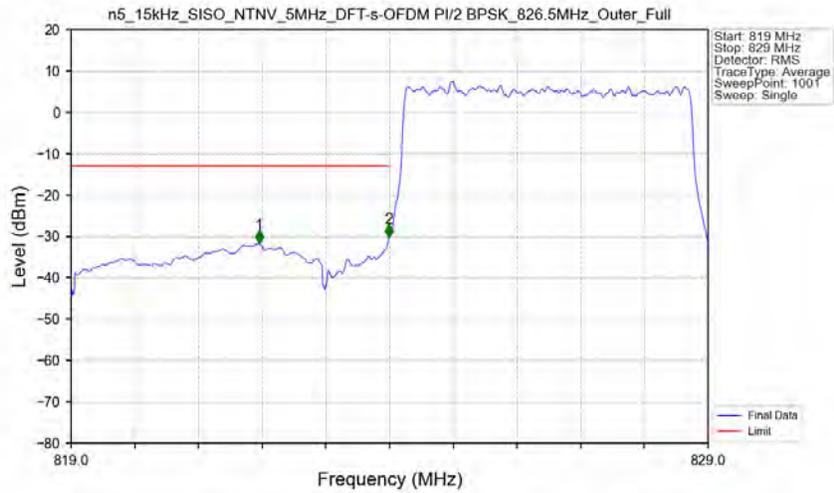
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.650	-54.22	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	942.700	-65.89	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_826.5MHz_Edge_1RB_Left_Ant0



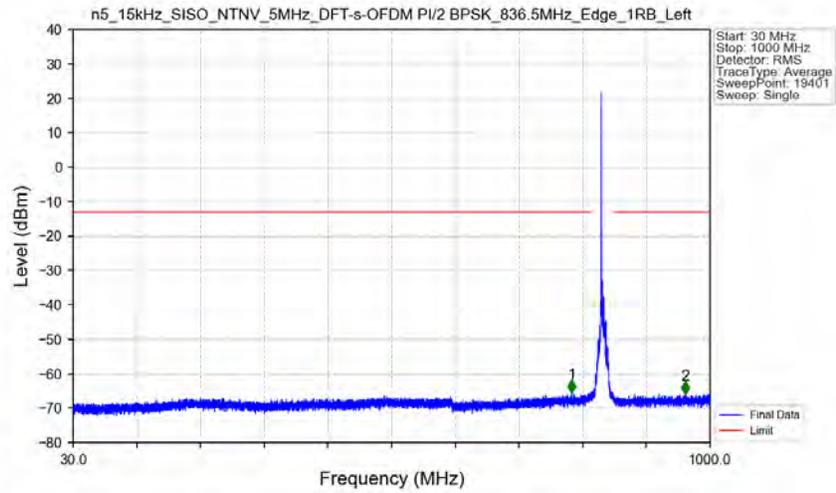
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1649.000	-37.48	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_826.5MHz_Outer_Full_Ant0



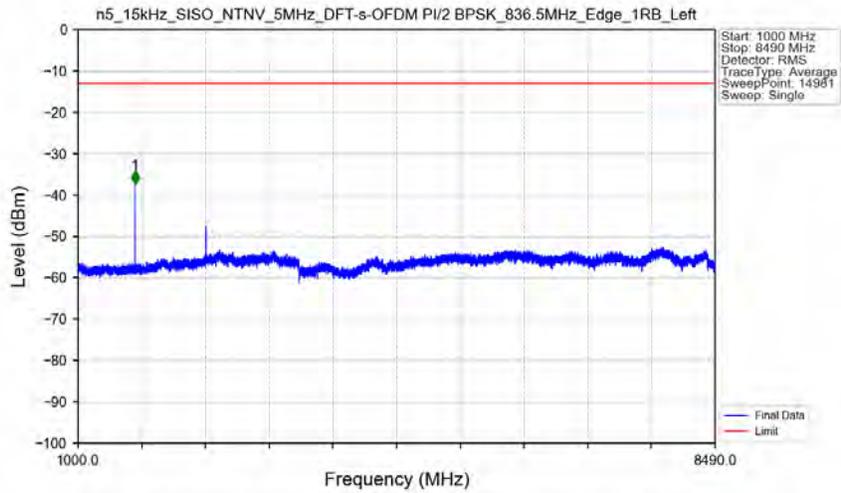
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	821.950	-31.76	-13	Pass
823	824	0.04995	CHP	2	823.990	-30.25	-13	Pass
824	829	0.04995	CHP	/	/	/	/	/

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_836.5MHz_Edge_1RB_Left_Ant0



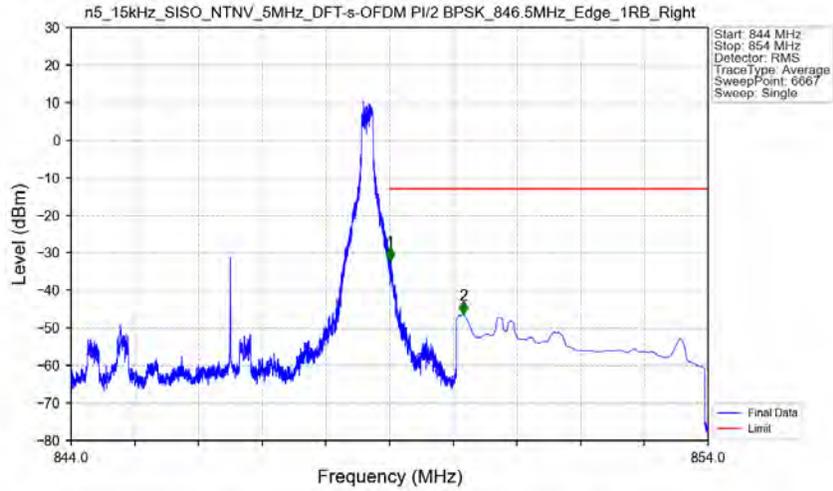
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	789.350	-65.50	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	962.500	-65.89	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_836.5MHz_Edge_1RB_Left_Ant0



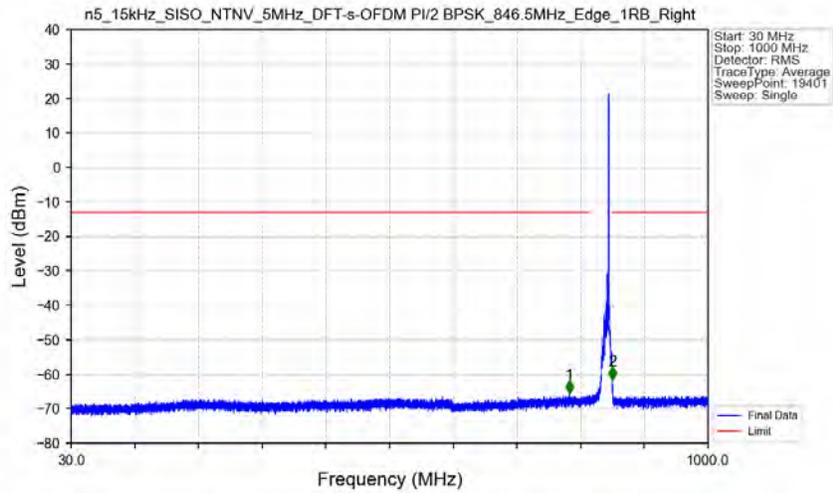
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1669.000	-37.33	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_846.5MHz_Edge_1RB_Right_Ant0



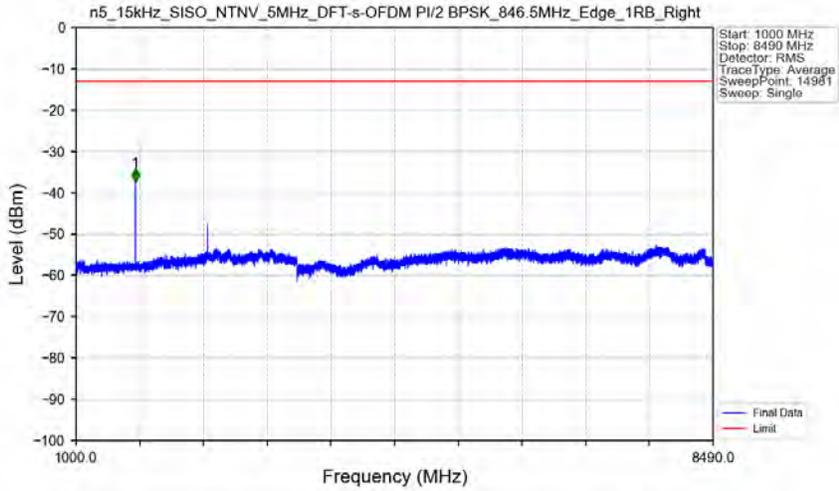
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.009	-32.00	-13	Pass
850	854	0.1	CHP	2	850.158	-46.34	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_846.5MHz_Edge_1RB_Right_Ant0



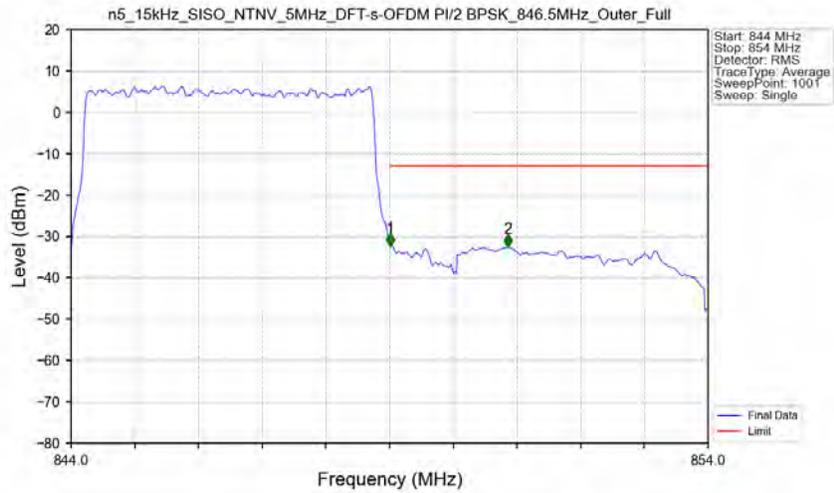
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	788.800	-65.61	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	854.050	-61.53	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_846.5MHz_Edge_1RB_Right_Ant0



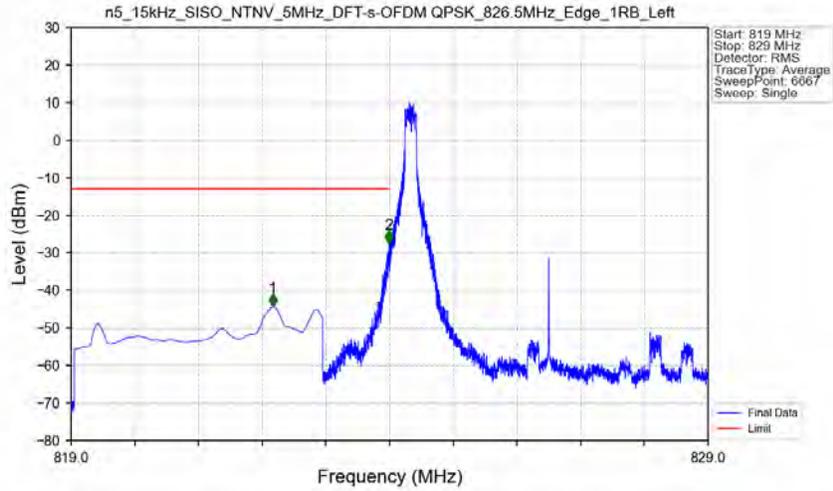
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1697.500	-37.37	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_846.5MHz_Outer_Full_Ant0



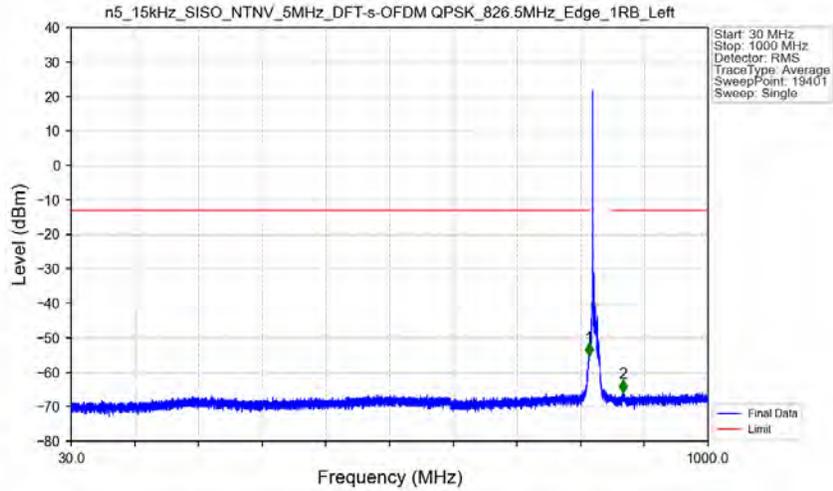
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.04995	CHP	/	/	/	/	/
849	850	0.04995	CHP	1	849.010	-32.35	-13	Pass
850	854	0.1	CHP	2	850.860	-32.55	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_826.5MHz_Edge_1RB_Left_Ant0



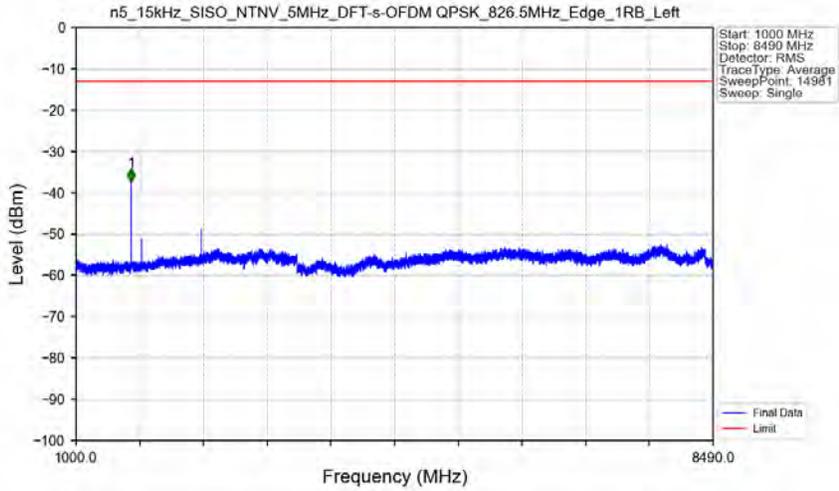
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.167	-44.34	-13	Pass
823	824	0.003	/	2	823.992	-27.36	-13	Pass
824	829	0.003	/	/	/	/	/	/

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_826.5MHz_Edge_1RB_Left_Ant0



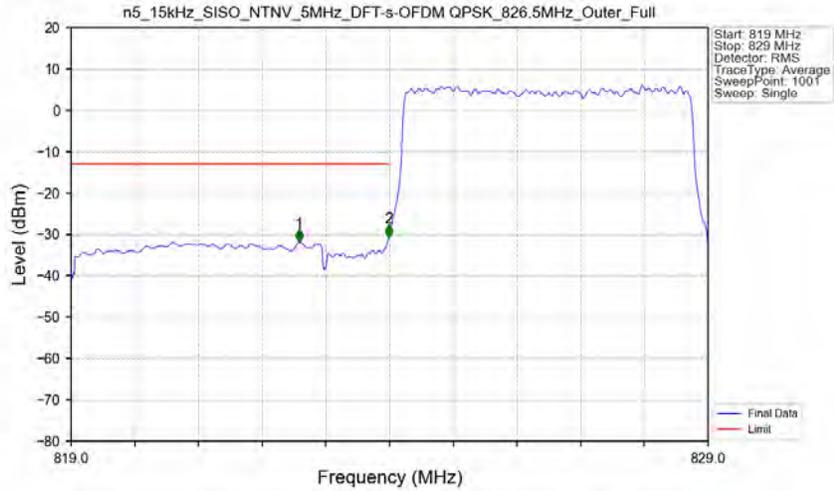
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.600	-55.27	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	870.500	-65.84	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_826.5MHz_Edge_1RB_Left_Ant0



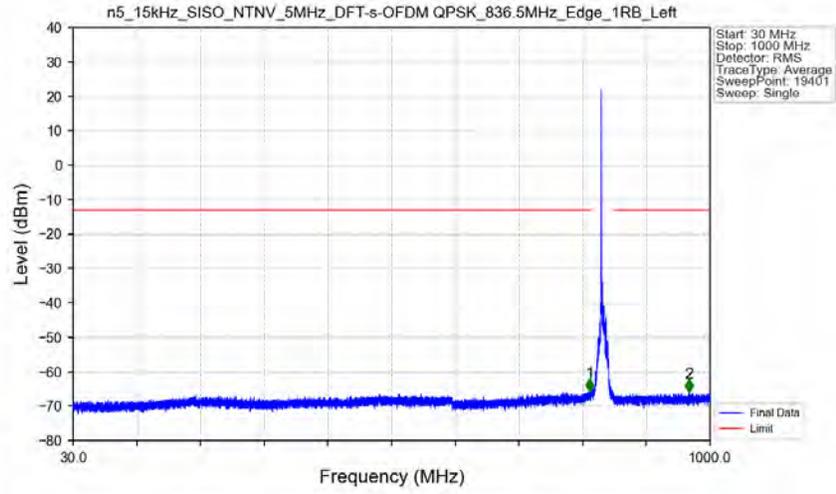
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1649.000	-37.21	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_826.5MHz_Outer_Full_Ant0



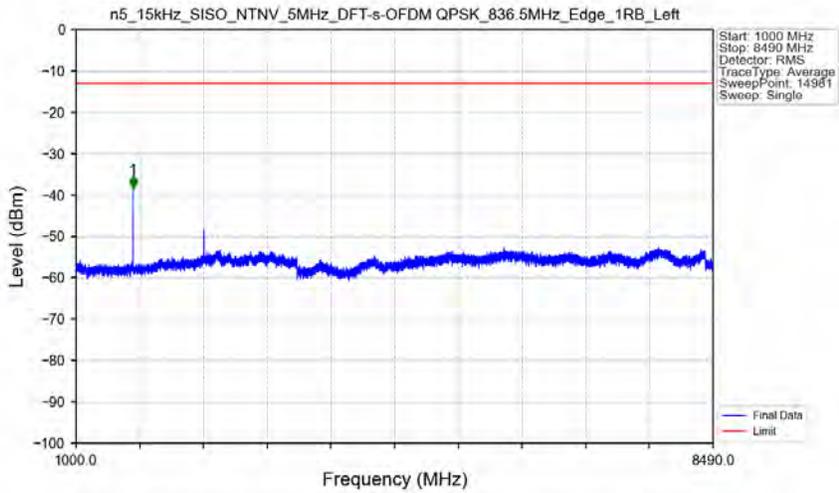
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.580	-31.87	-13	Pass
823	824	0.04995	CHP	2	823.990	-30.67	-13	Pass
824	829	0.04995	CHP	/	/	/	/	/

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_836.5MHz_Edge_1RB_Left_Ant0



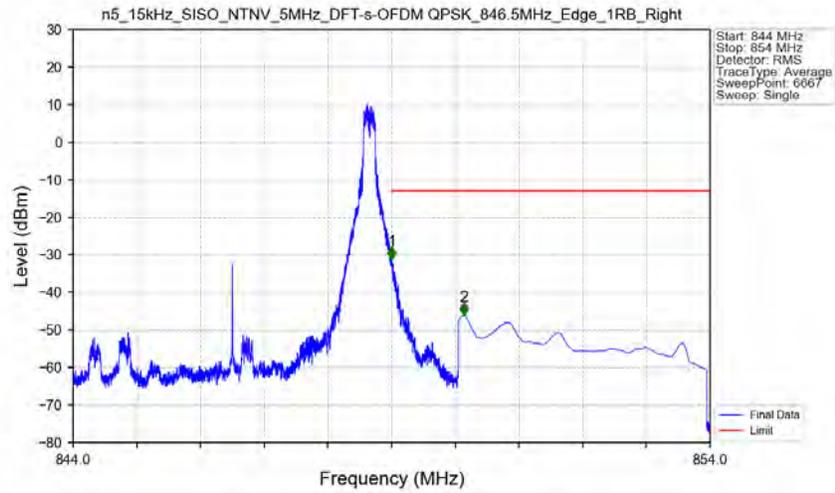
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	816.900	-65.69	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	967.750	-66.01	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_836.5MHz_Edge_1RB_Left_Ant0



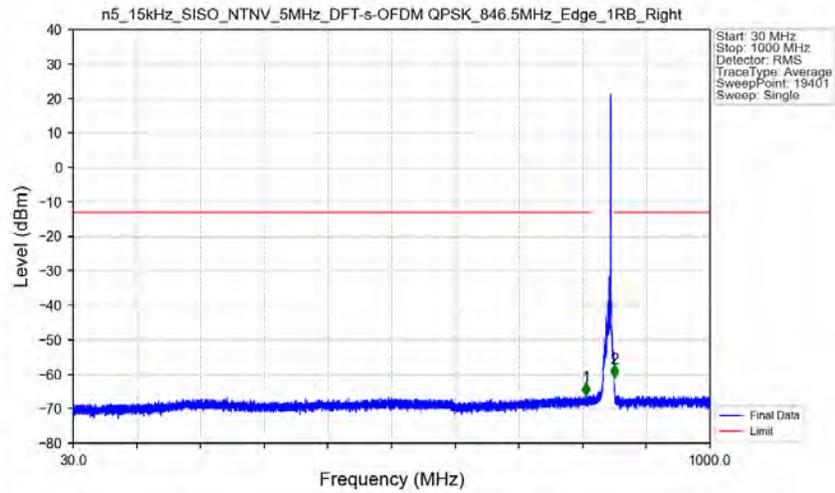
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1669.000	-38.31	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_846.5MHz_Edge_1RB_Right_Ant0



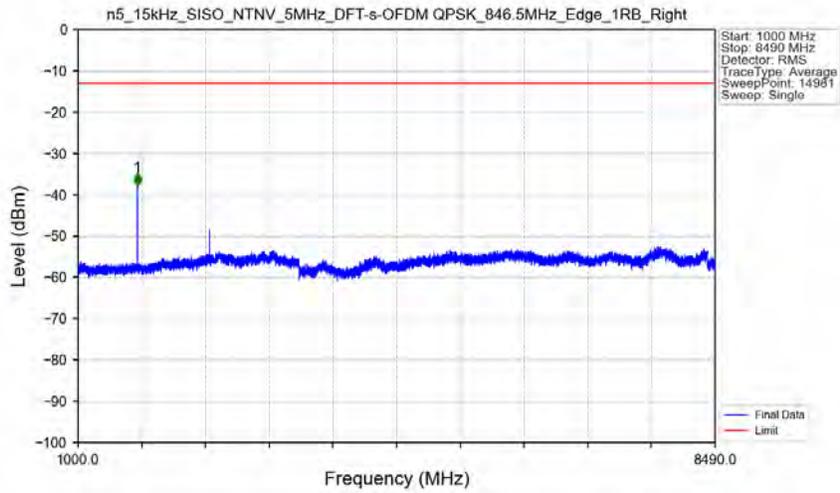
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.005	-31.28	-13	Pass
850	854	0.1	CHP	2	850.131	-46.14	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_846.5MHz_Edge_1RB_Right_Ant0



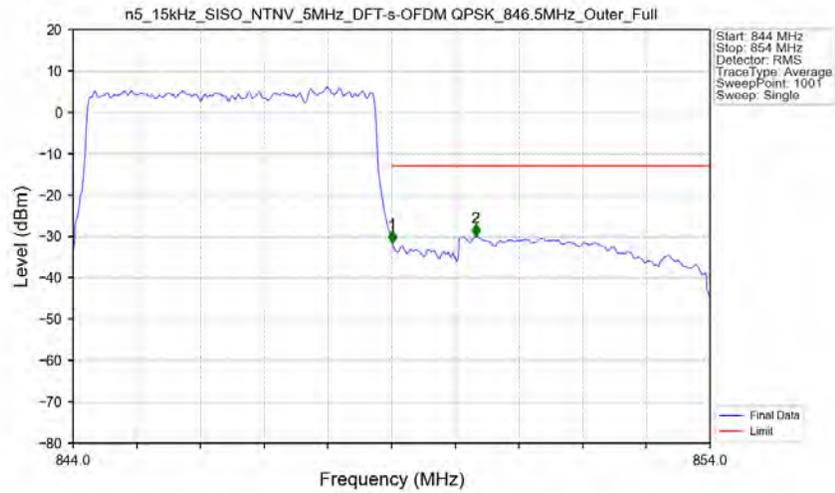
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	810.950	-66.14	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	854.050	-60.93	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_846.5MHz_Edge_1RB_Right_Ant0



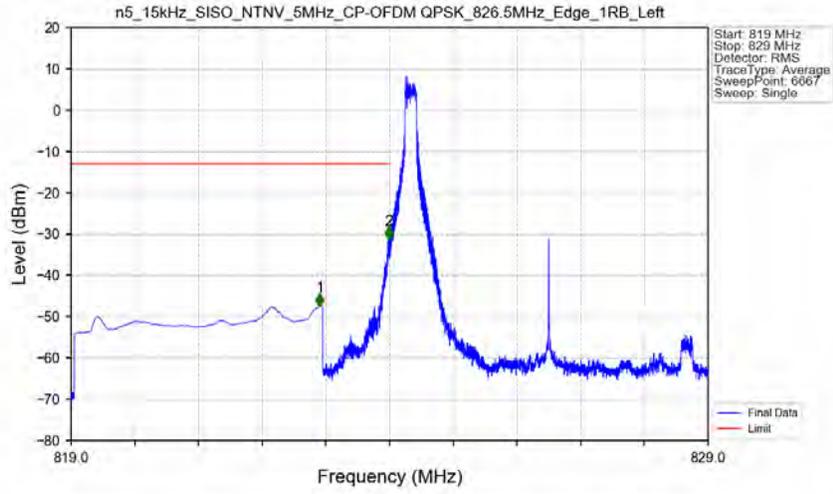
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1697.500	-37.82	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_846.5MHz_Outer_Full_Ant0



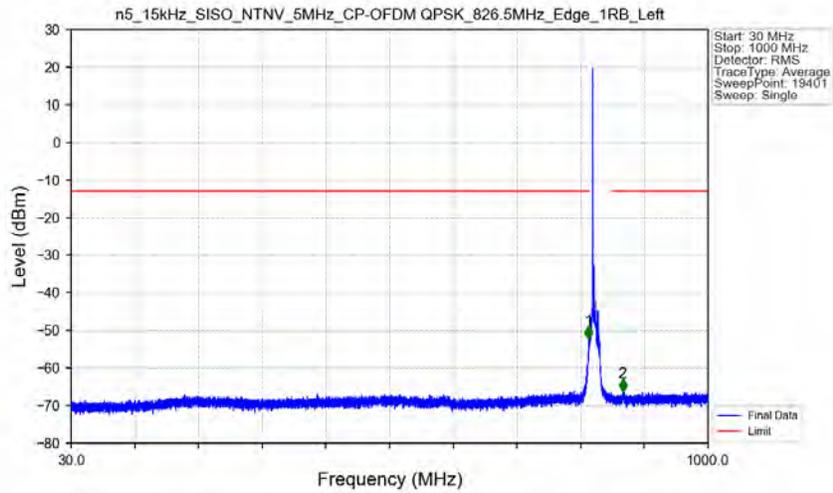
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.04995	CHP	/	/	/	/	/
849	850	0.04995	CHP	1	849.010	-31.76	-13	Pass
850	854	0.1	CHP	2	850.320	-30.07	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_826.5MHz_Edge_1RB_Left_Ant0



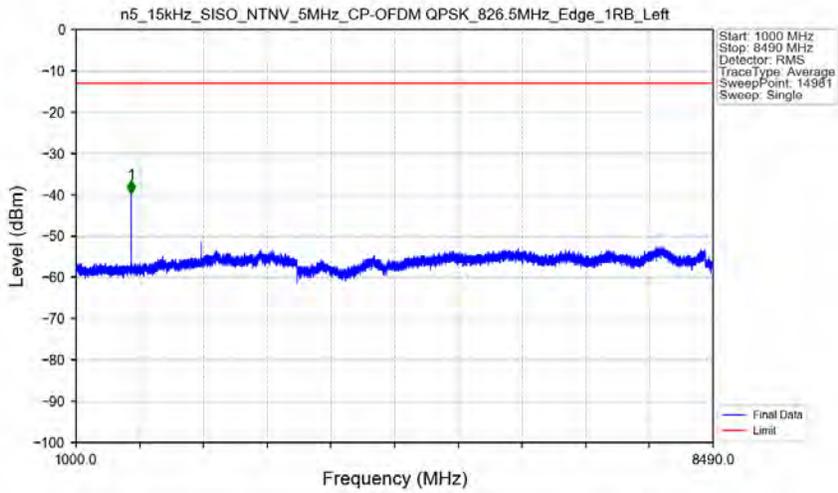
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.906	-47.43	-13	Pass
823	824	0.003	/	2	823.991	-31.40	-13	Pass
824	829	0.003	/	/	/	/	/	/

n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_826.5MHz_Edge_1RB_Left_Ant0



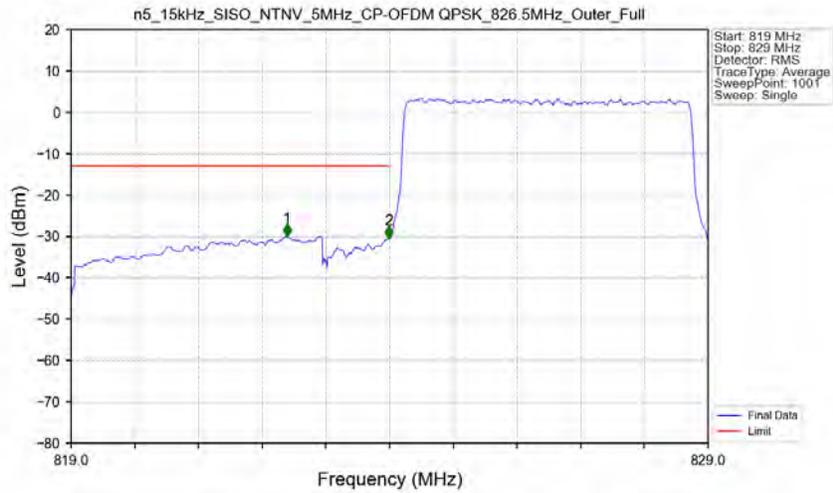
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.200	-52.21	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	870.000	-66.30	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_826.5MHz_Edge_1RB_Left_Ant0



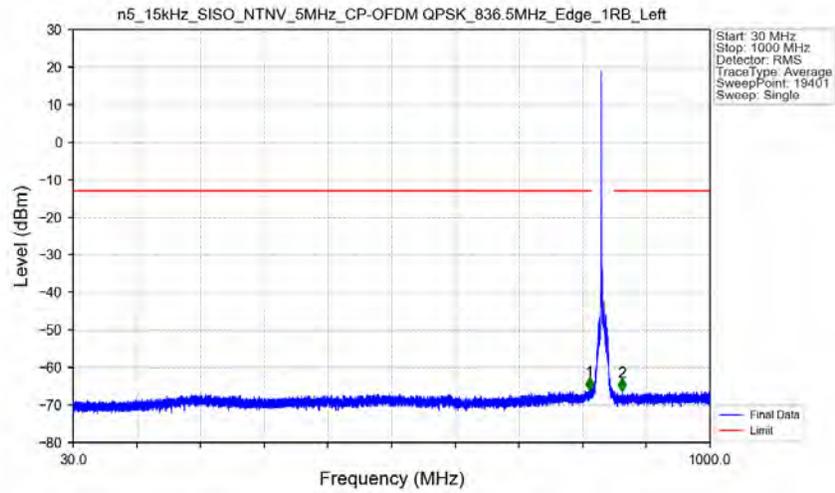
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1649.000	-39.69	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_826.5MHz_Outer_Full_Ant0



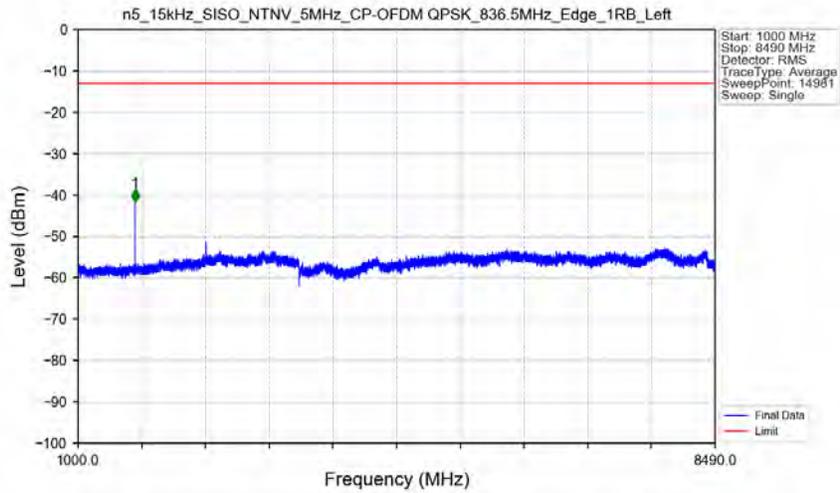
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.390	-30.11	-13	Pass
823	824	0.04995	CHP	2	823.990	-30.53	-13	Pass
824	829	0.04995	CHP	/	/	/	/	/

n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant0



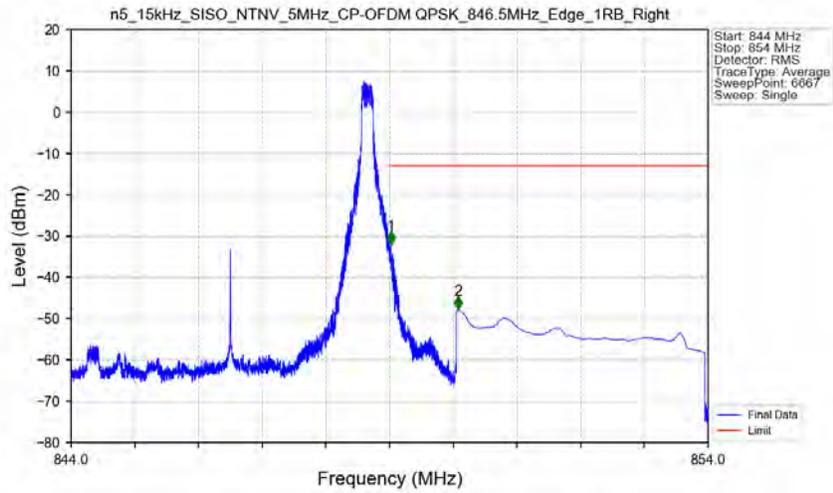
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	816.300	-66.15	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	866.400	-66.24	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant0



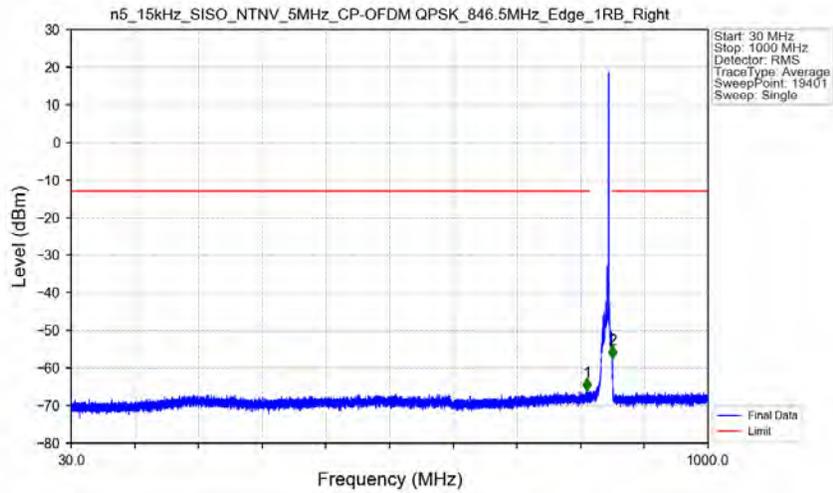
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1669.000	-41.61	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_846.5MHz_Edge_1RB_Right_Ant0



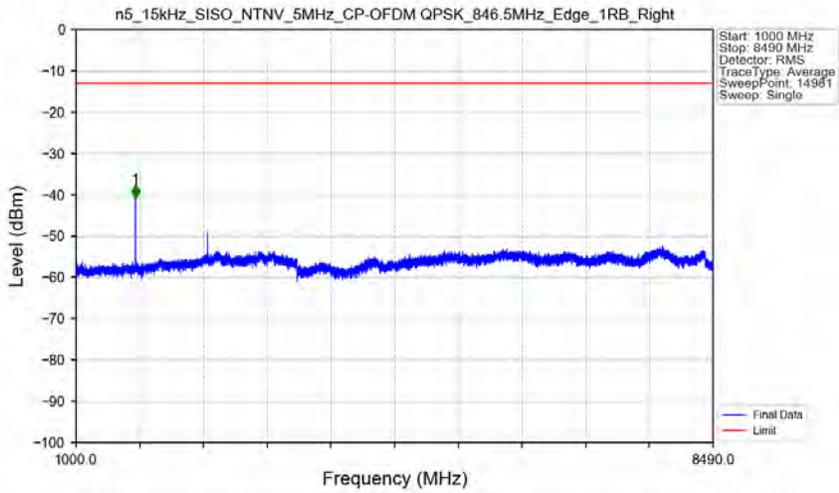
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.020	-32.03	-13	Pass
850	854	0.1	CHP	2	850.080	-47.75	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_846.5MHz_Edge_1RB_Right_Ant0



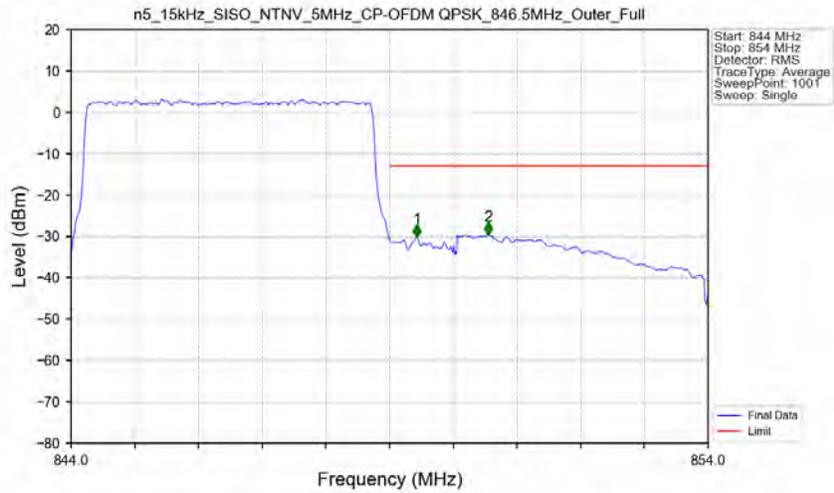
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	815.800	-66.19	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	854.100	-57.53	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_846.5MHz_Edge_1RB_Right_Ant0



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1697.500	-40.71	-13	Pass

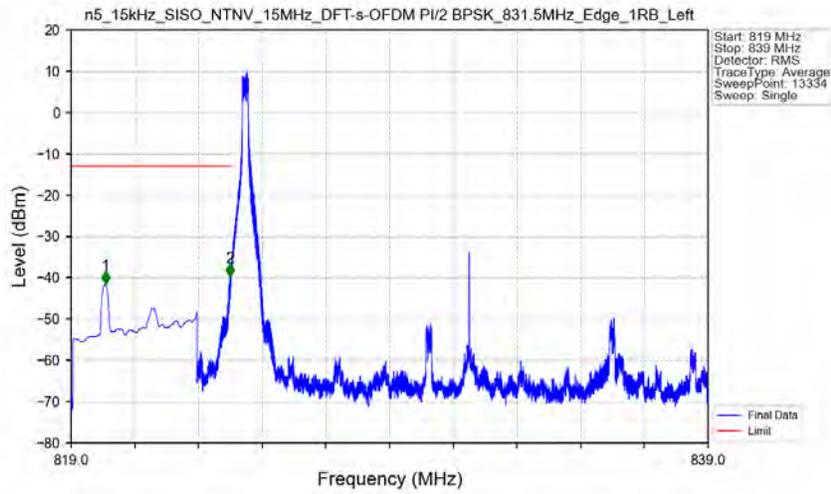
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_846.5MHz_Outer_Full_Ant0



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.04995	CHP	/	/	/	/	/
849	850	0.04995	CHP	1	849.430	-30.24	-13	Pass
850	854	0.1	CHP	2	850.550	-29.60	-13	Pass

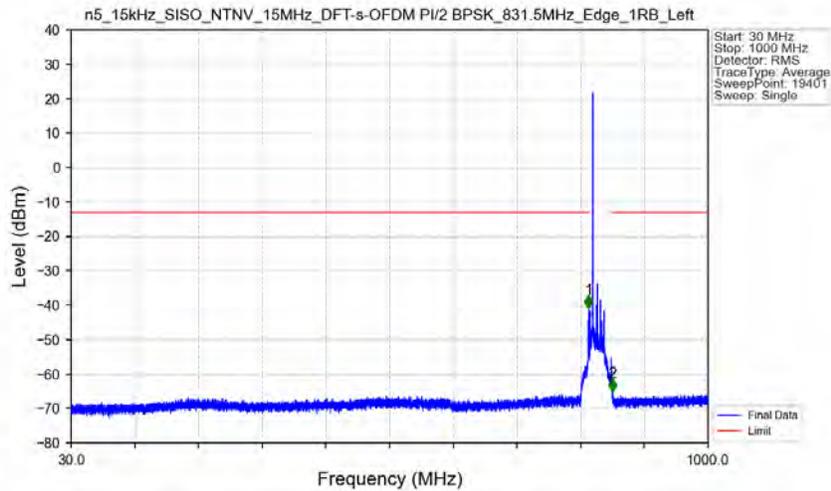
5.2.2 15k_SISO_15MHz_NTNV

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_831.5MHz_Edge_1RB_Left_Ant0



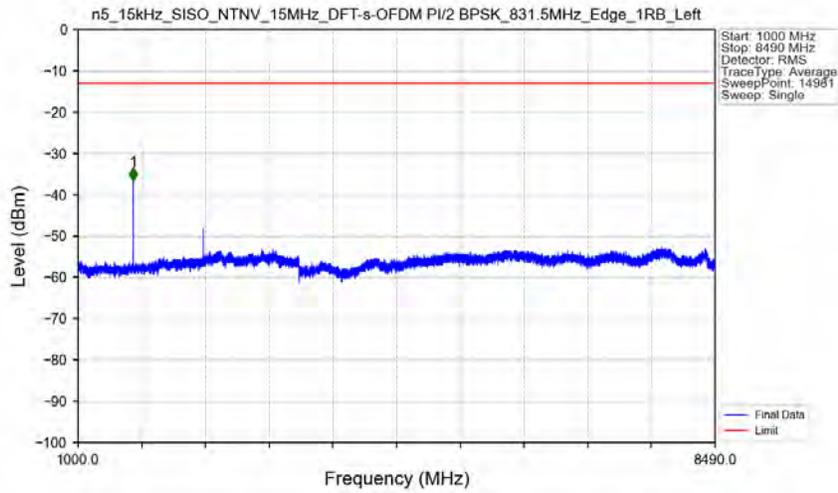
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	820.080	-41.57	-13	Pass
823	824	0.003	/	2	823.992	-39.67	-13	Pass
824	839	0.003	/	/	/	/	/	/

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_831.5MHz_Edge_1RB_Left_Ant0



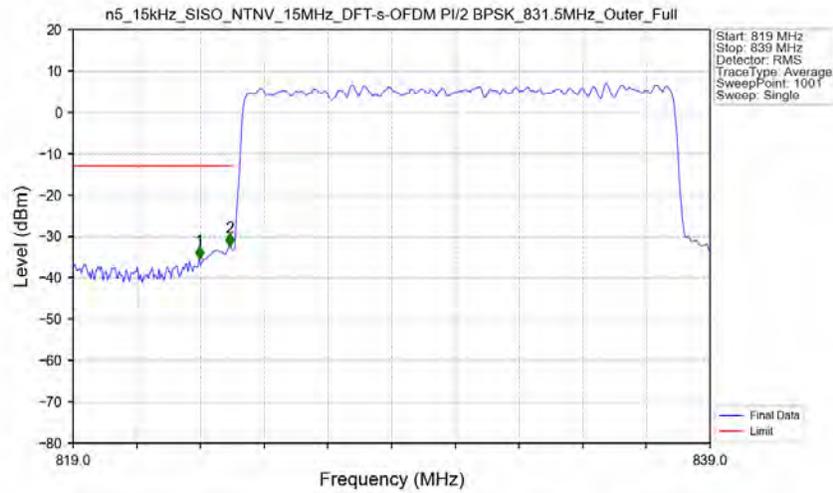
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.250	-40.75	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	854.400	-65.05	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_831.5MHz_Edge_1RB_Left_Ant0



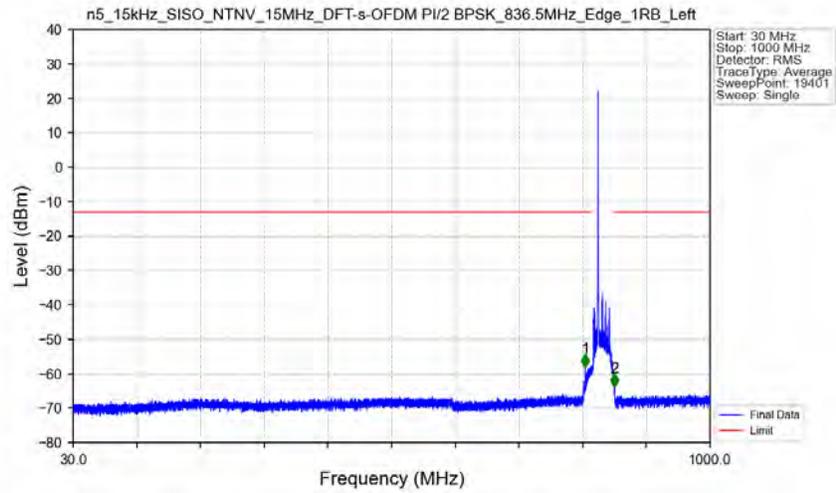
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1649.000	-36.61	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_831.5MHz_Outer_Full_Ant0



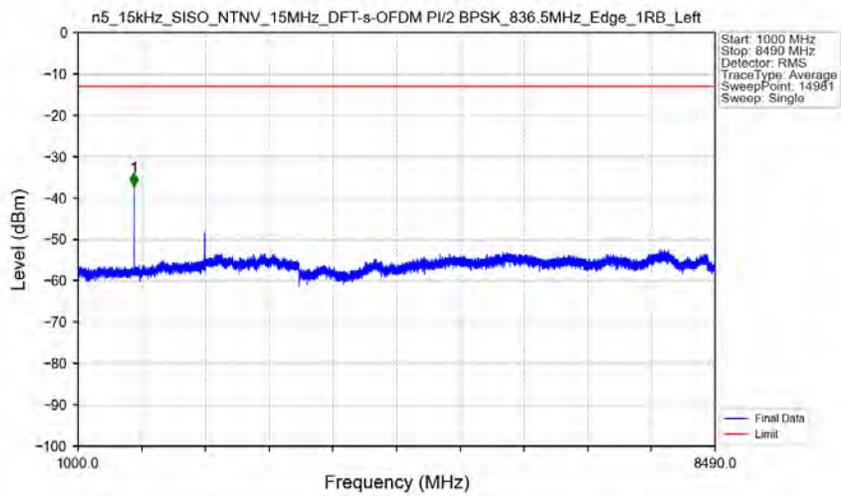
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	/	1	822.960	-35.53	-13	Pass
823	824	0.15254	CHP	2	823.920	-32.45	-13	Pass
824	839	0.15254	CHP	/	/	/	/	/

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_836.5MHz_Edge_1RB_Left_Ant0



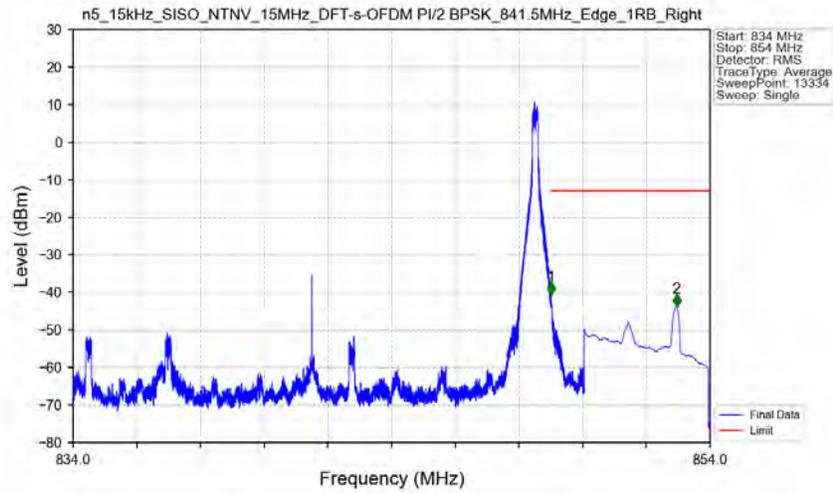
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	810.000	-58.07	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	854.250	-63.67	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_836.5MHz_Edge_1RB_Left_Ant0



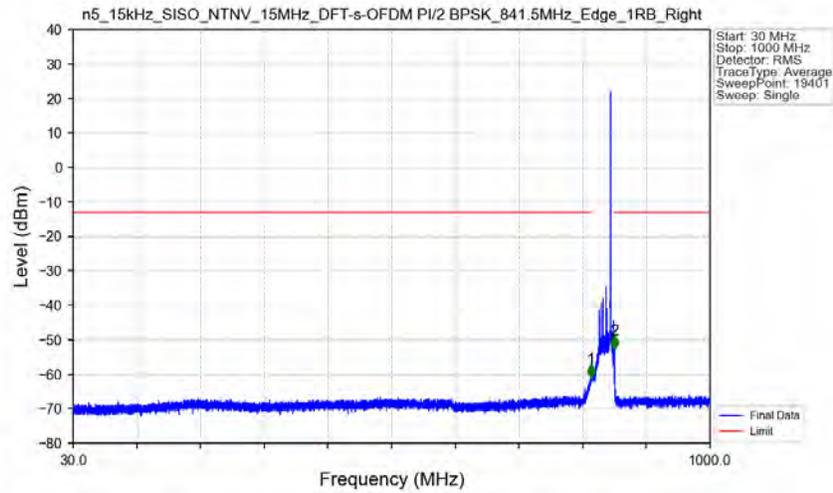
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1659.000	-37.08	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_841.5MHz_Edge_1RB_Right_Ant0



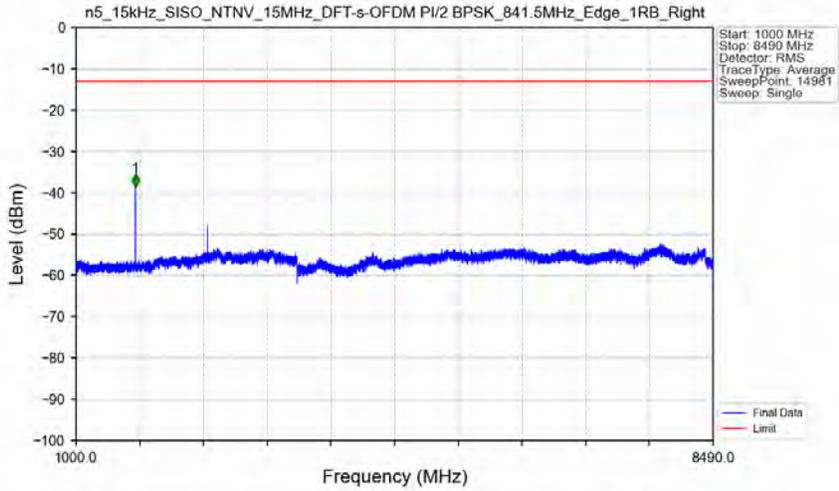
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.003	-40.58	-13	Pass
850	854	0.1	CHP	2	852.948	-43.80	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_841.5MHz_Edge_1RB_Right_Ant0



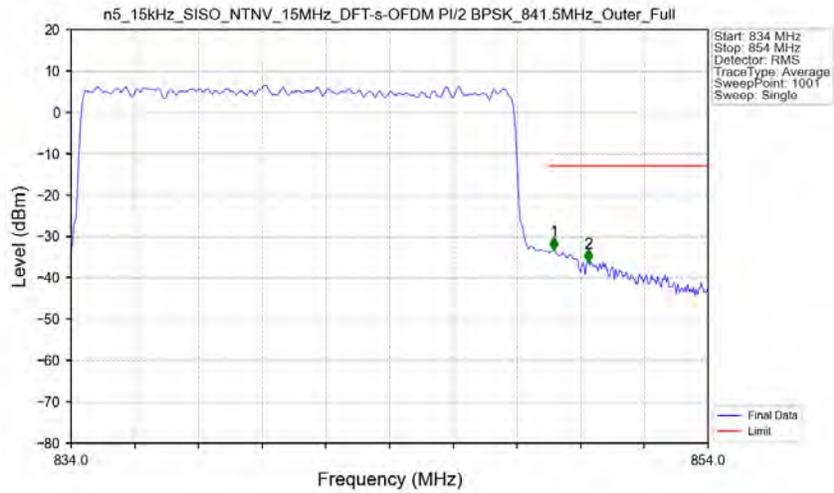
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.900	-60.90	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	854.750	-52.53	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_841.5MHz_Edge_1RB_Right_Ant0



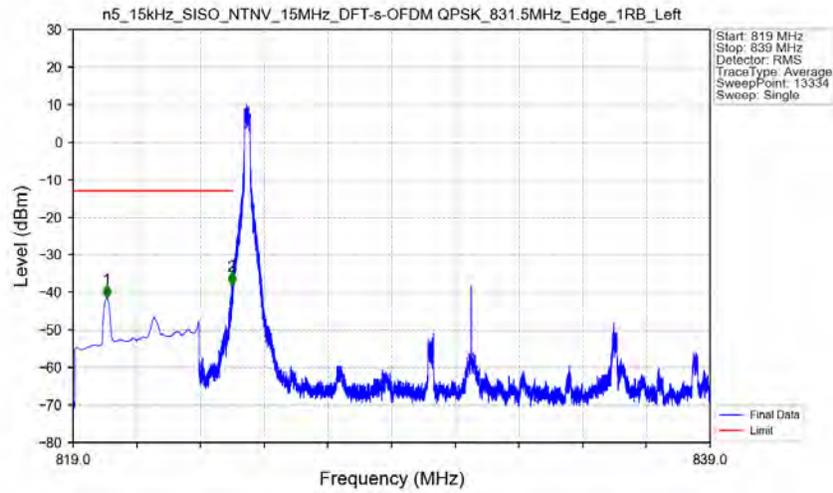
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1697.000	-38.52	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_841.5MHz_Outer_Full_Ant0



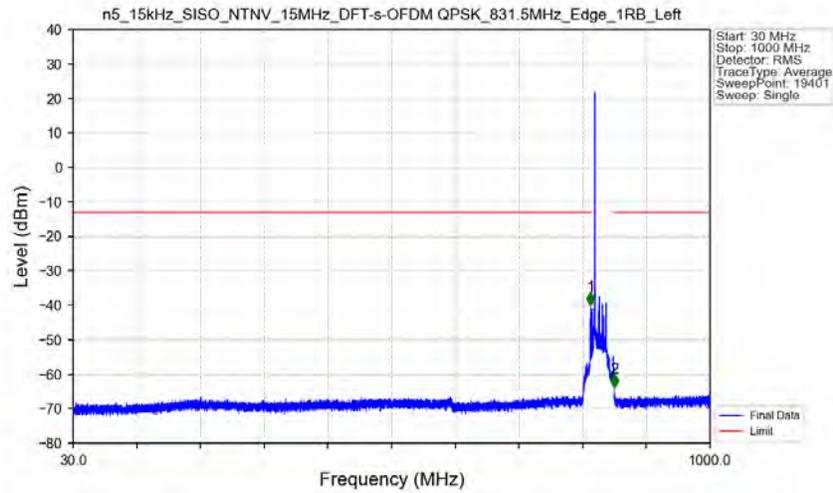
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.15254	CHP	/	/	/	/	/
849	850	0.15254	CHP	1	849.160	-33.27	-13	Pass
850	854	0.1	/	2	850.240	-36.15	-13	Pass

n5_15kHz_SISO_NTV_15MHz_DFT-s-OFDM_QPSK_831.5MHz_Edge_1RB_Left_Ant0



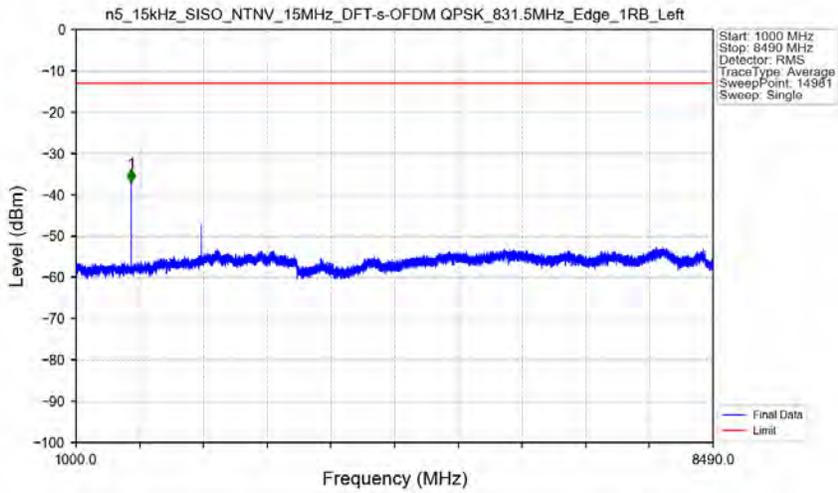
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	820.055	-41.50	-13	Pass
823	824	0.003	/	2	823.980	-38.02	-13	Pass
824	839	0.003	/	/	/	/	/	/

n5_15kHz_SISO_NTV_15MHz_DFT-s-OFDM_QPSK_831.5MHz_Edge_1RB_Left_Ant0



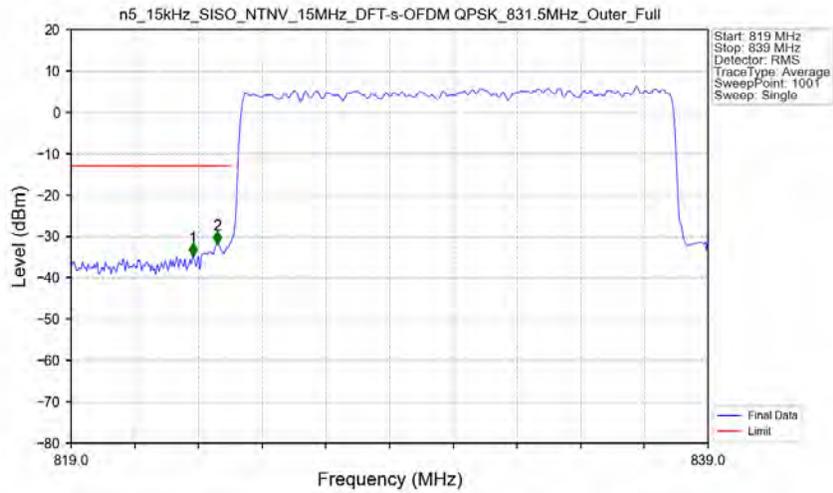
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.250	-40.04	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	854.050	-63.83	-13	Pass

n5_15kHz_SISO_NTV_15MHz_DFT-s-OFDM_QPSK_831.5MHz_Edge_1RB_Left_Ant0



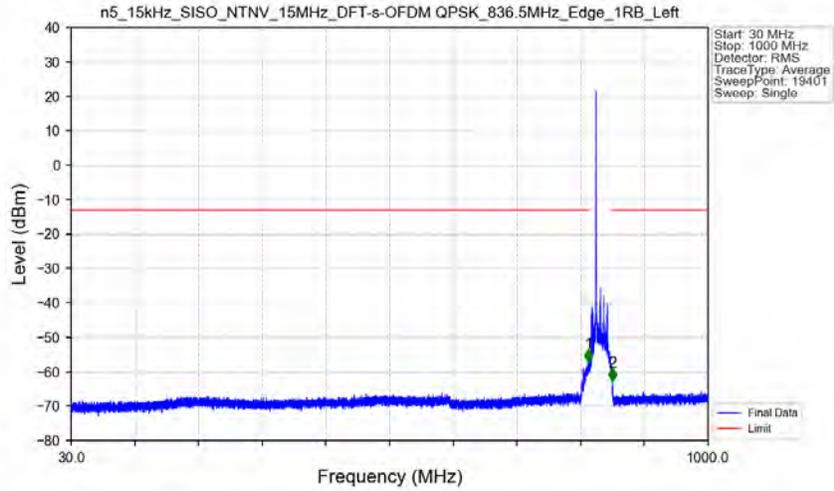
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1649.000	-36.87	-13	Pass

n5_15kHz_SISO_NTV_15MHz_DFT-s-OFDM_QPSK_831.5MHz_Outer_Full_Ant0



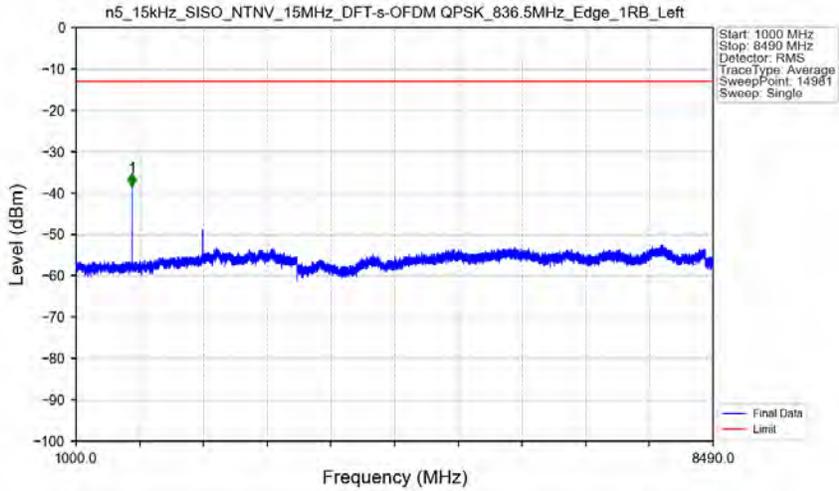
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	/	1	822.820	-34.75	-13	Pass
823	824	0.15254	CHP	2	823.580	-31.89	-13	Pass
824	839	0.15254	CHP	/	/	/	/	/

n5_15kHz_SISO_NTV_15MHz_DFT-s-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant0



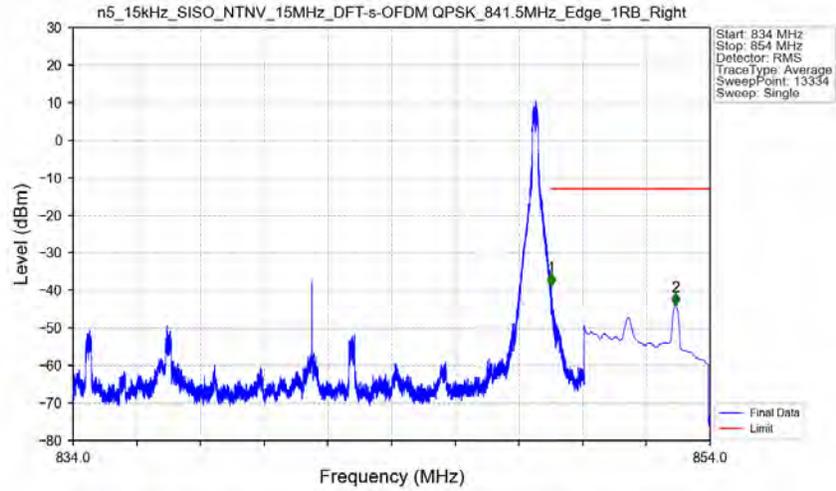
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.100	-57.25	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	854.100	-62.63	-13	Pass

n5_15kHz_SISO_NTV_15MHz_DFT-s-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant0



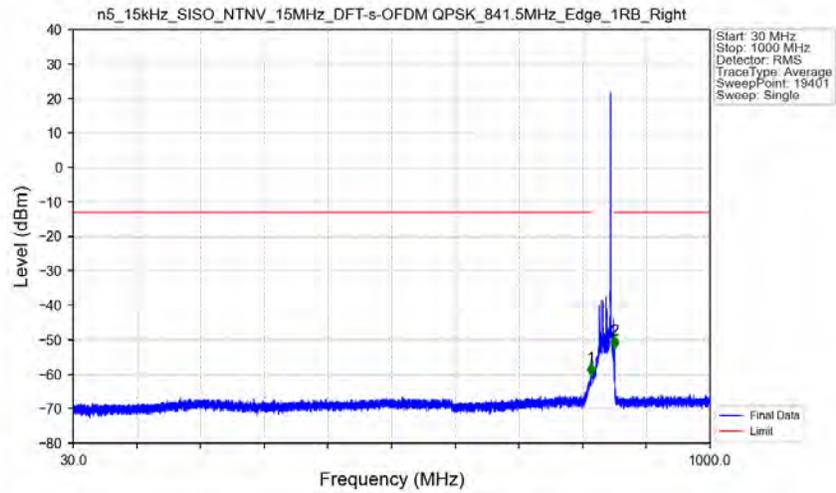
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1659.000	-38.37	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_841.5MHz_Edge_1RB_Right_Ant0



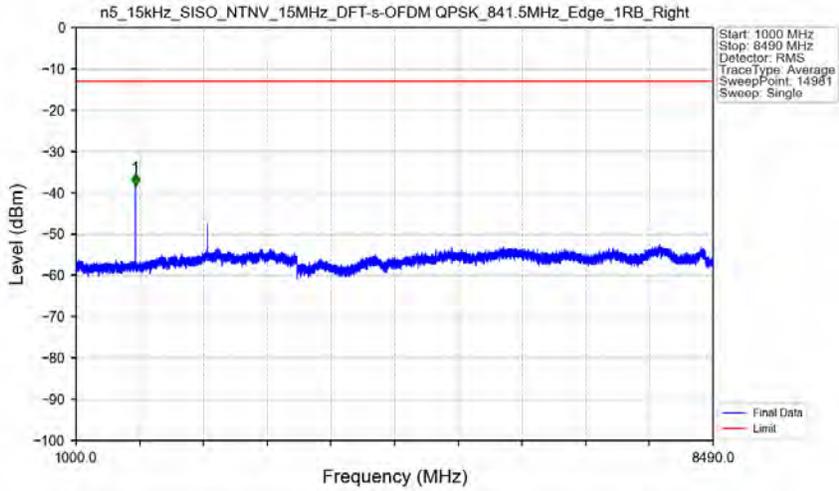
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.008	-38.79	-13	Pass
850	854	0.1	CHP	2	852.912	-44.04	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_841.5MHz_Edge_1RB_Right_Ant0



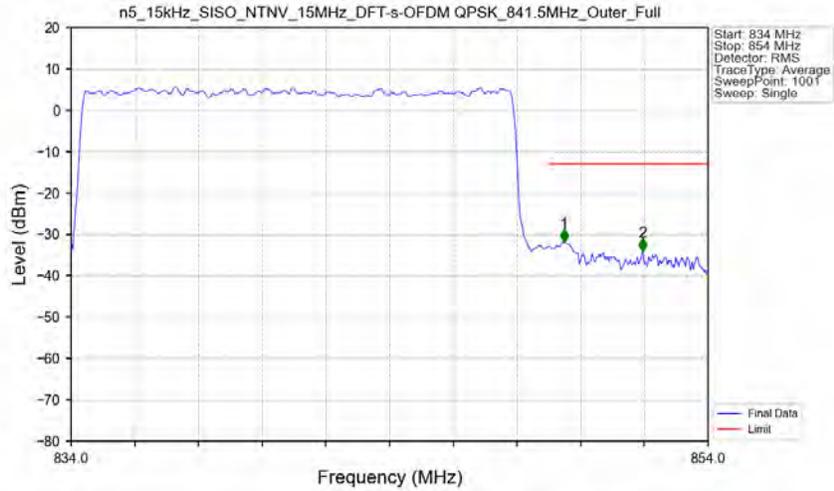
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.350	-60.53	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	854.750	-52.70	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_841.5MHz_Edge_1RB_Right_Ant0



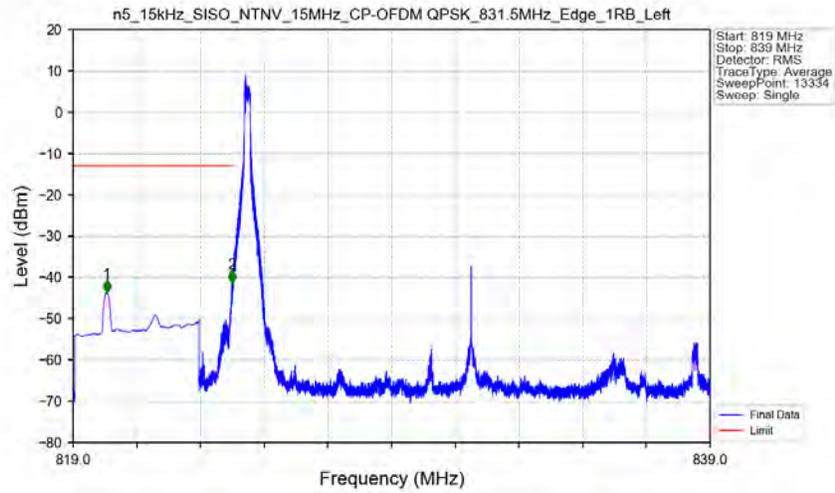
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1697.000	-38.41	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_841.5MHz_Outer_Full_Ant0



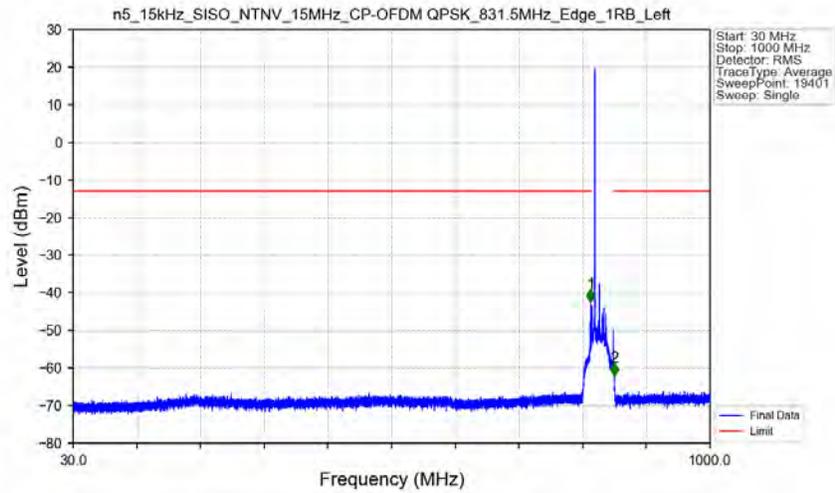
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.15254	CHP	/	/	/	/	/
849	850	0.15254	CHP	1	849.480	-31.80	-13	Pass
850	854	0.1	/	2	851.940	-34.06	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_831.5MHz_Edge_1RB_Left_Ant0



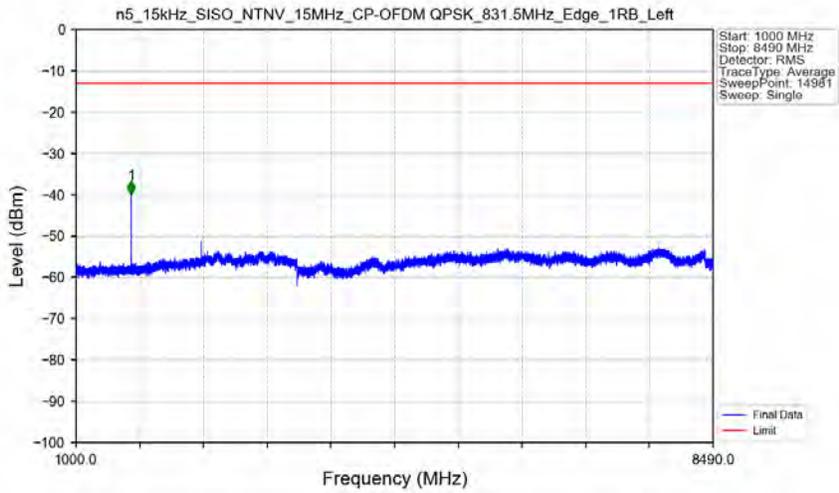
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	820.055	-43.67	-13	Pass
823	824	0.003	/	2	823.998	-41.37	-13	Pass
824	839	0.003	/	/	/	/	/	/

n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_831.5MHz_Edge_1RB_Left_Ant0

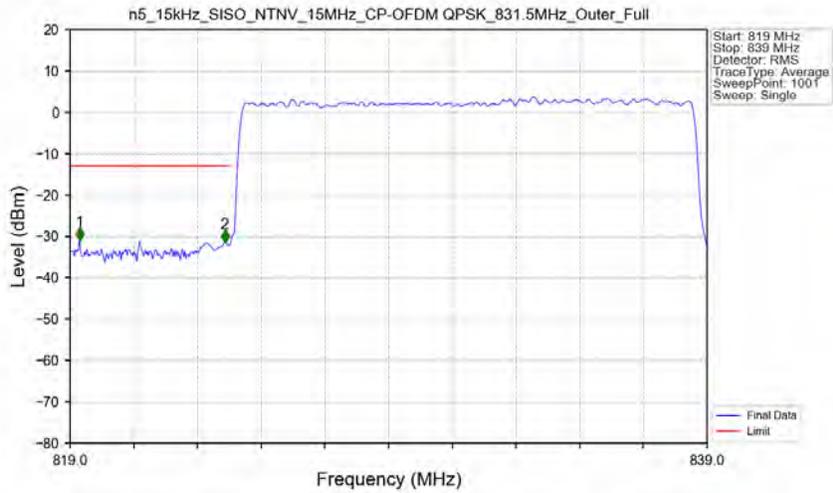


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.250	-42.57	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	854.100	-62.07	-13	Pass

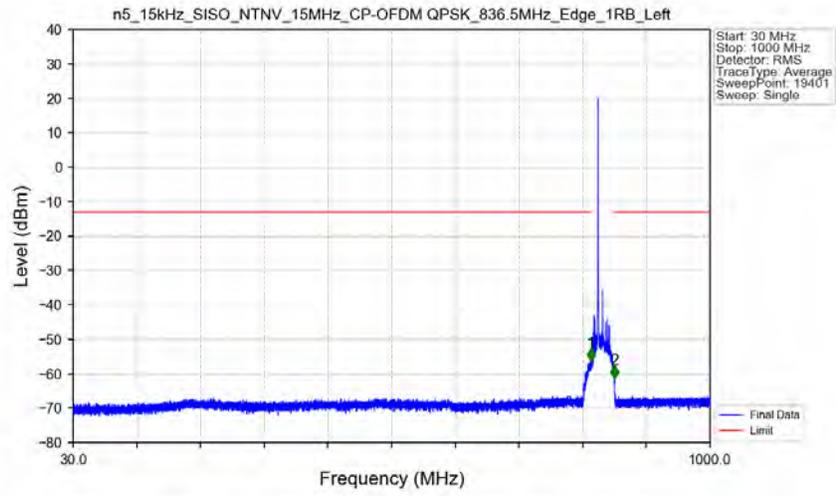
n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_831.5MHz_Edge_1RB_Left_Ant0



n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_831.5MHz_Outer_Full_Ant0

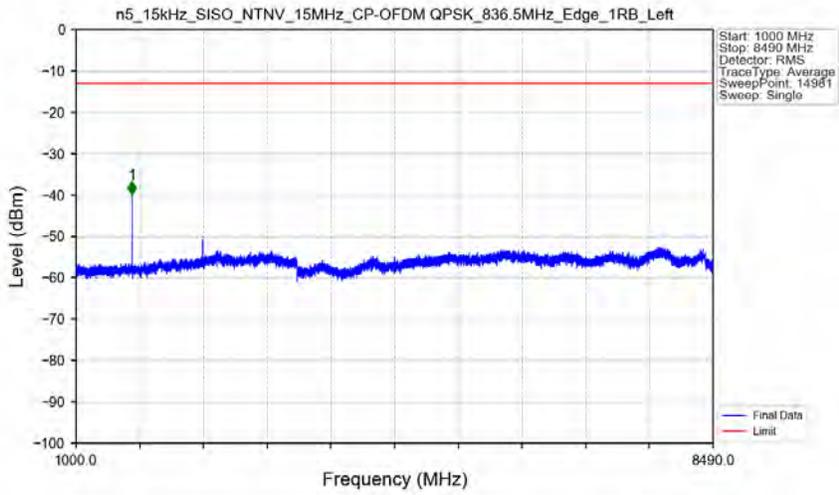


n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant0



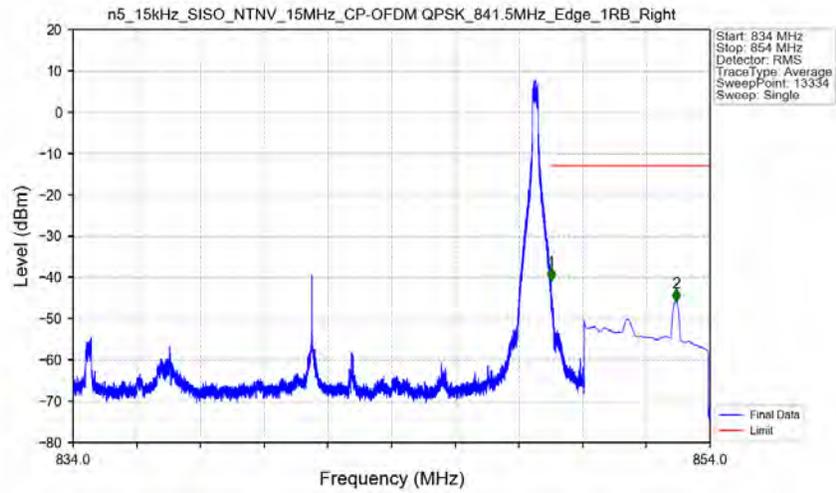
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.450	-56.28	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	854.050	-61.46	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant0



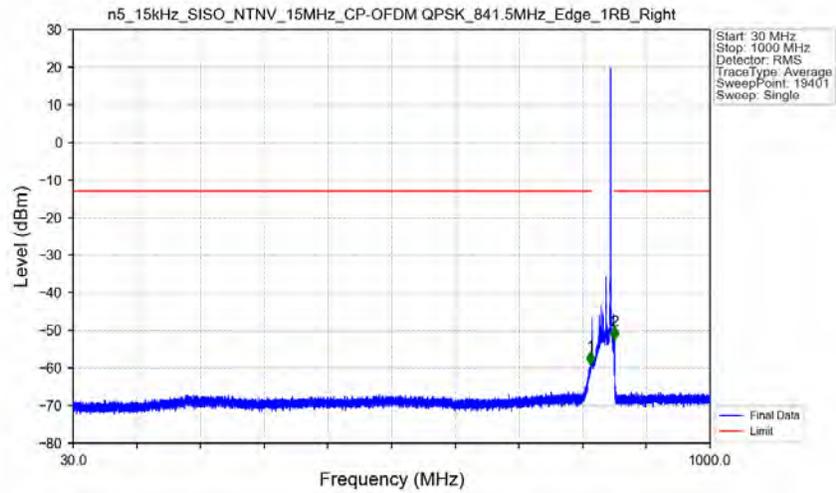
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1659.000	-39.75	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_841.5MHz_Edge_1RB_Right_Ant0



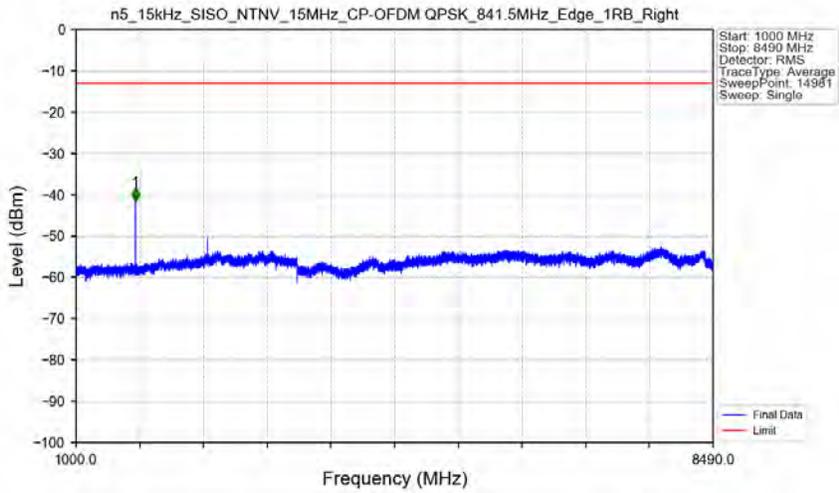
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.005	-40.72	-13	Pass
850	854	0.1	CHP	2	852.945	-45.88	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_841.5MHz_Edge_1RB_Right_Ant0



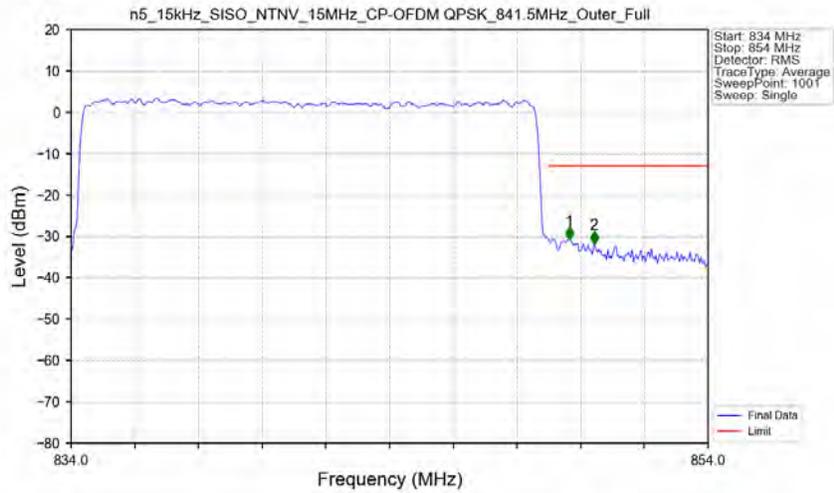
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.150	-59.10	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	854.750	-52.40	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_841.5MHz_Edge_1RB_Right_Ant0



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1697.500	-41.56	-13	Pass

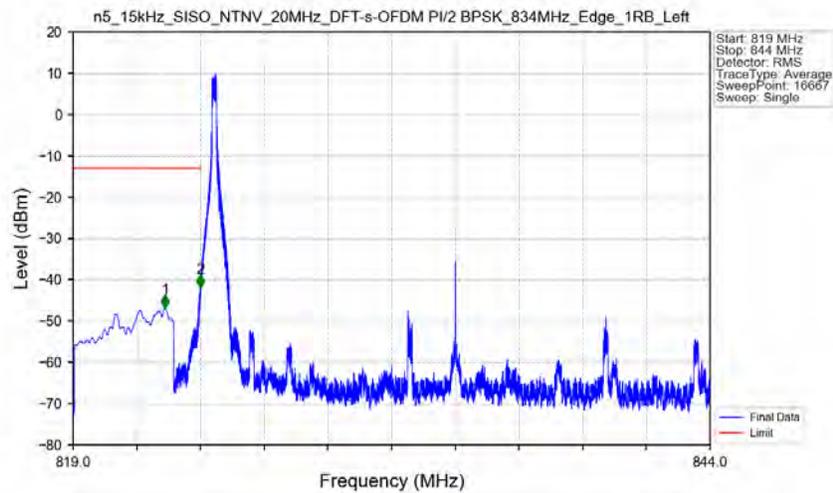
n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_841.5MHz_Outer_Full_Ant0



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.15254	CHP	/	/	/	/	/
849	850	0.15254	CHP	1	849.640	-30.70	-13	Pass
850	854	0.1	/	2	850.420	-31.76	-13	Pass

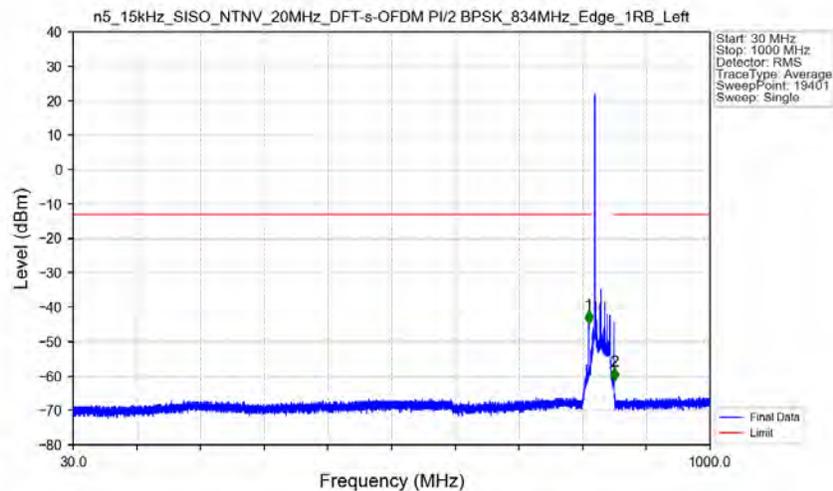
5.2.3 15k_SISO_20MHz_NTNV

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_834MHz_Edge_1RB_Left_Ant0



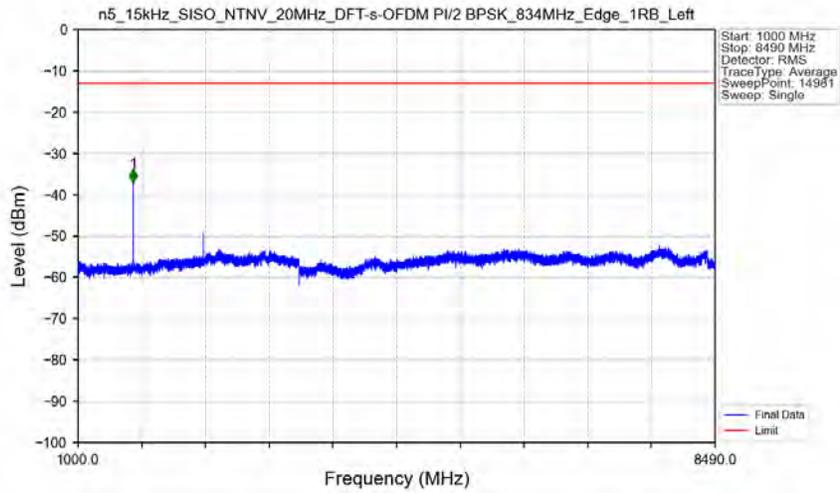
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.615	-46.76	-13	Pass
823	824	0.003	/	2	823.998	-41.87	-13	Pass
824	844	0.003	/	/	/	/	/	/

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_834MHz_Edge_1RB_Left_Ant0



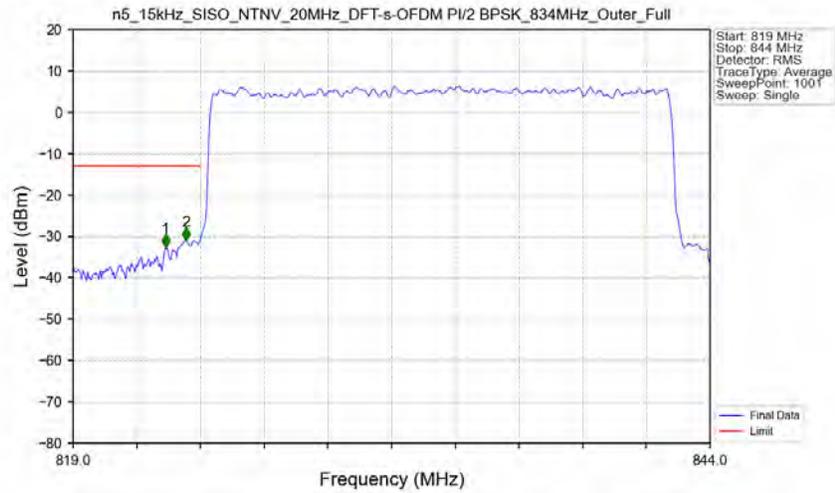
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	815.000	-44.67	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	854.050	-61.24	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_834MHz_Edge_1RB_Left_Ant0



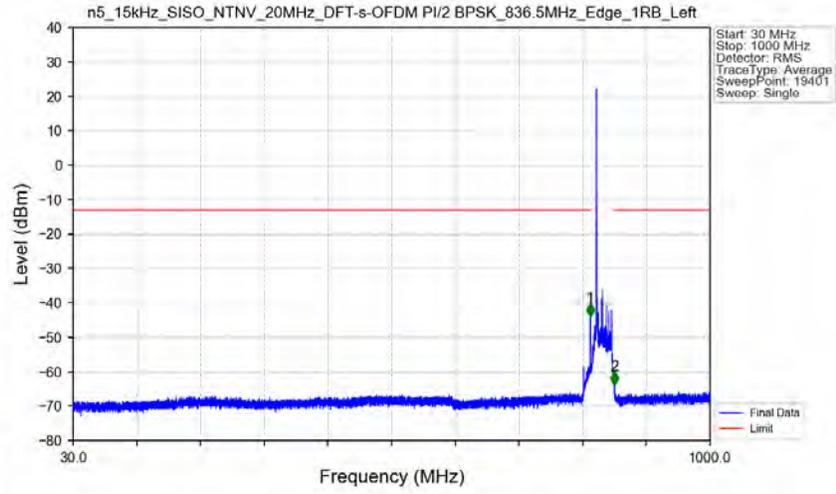
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1649.500	-36.95	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_834MHz_Outer_Full_Ant0



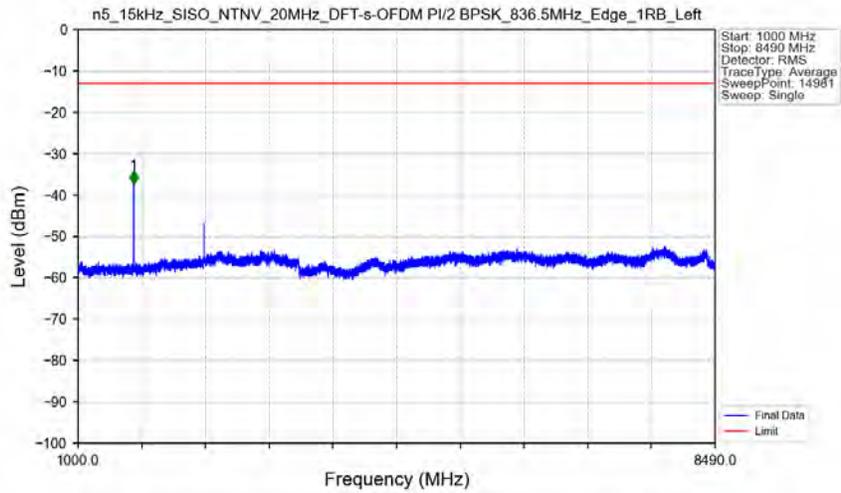
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	/	1	822.625	-32.63	-13	Pass
823	824	0.19405	CHP	2	823.425	-30.97	-13	Pass
824	844	0.19405	CHP	/	/	/	/	/

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_836.5MHz_Edge_1RB_Left_Ant0



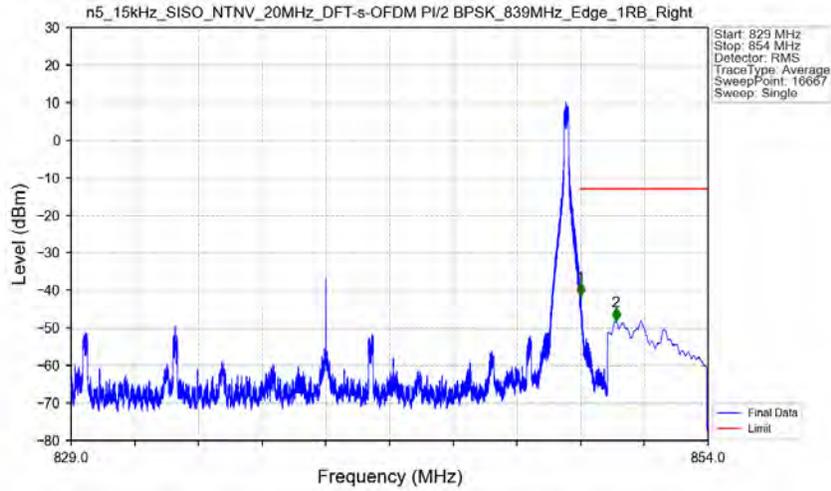
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	817.500	-43.79	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	854.200	-63.80	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_836.5MHz_Edge_1RB_Left_Ant0



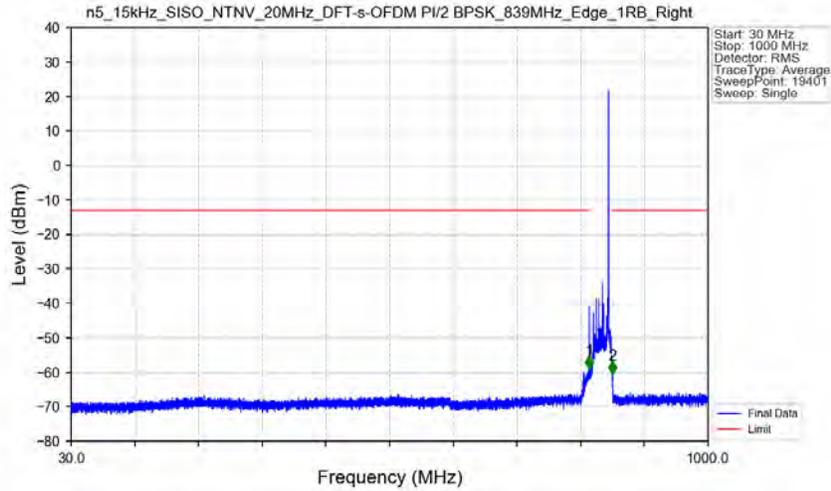
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1654.500	-37.28	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_839MHz_Edge_1RB_Right_Ant0



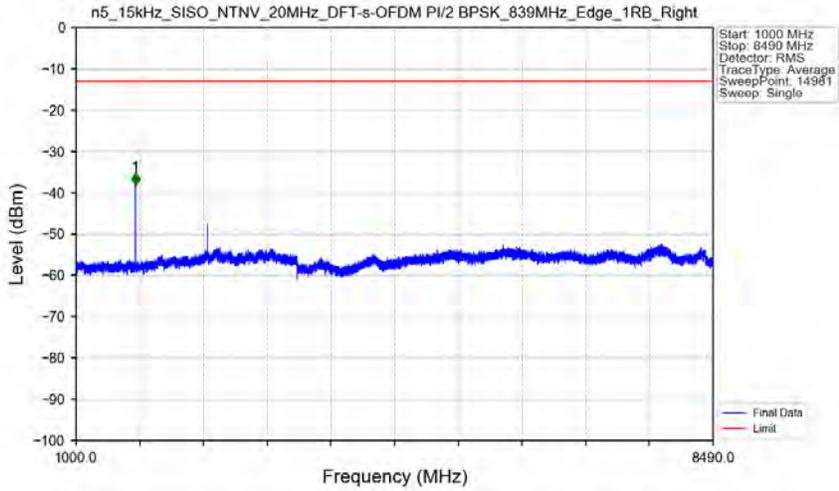
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
829	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.006	-41.51	-13	Pass
850	854	0.1	CHP	2	850.382	-48.02	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_839MHz_Edge_1RB_Right_Ant0



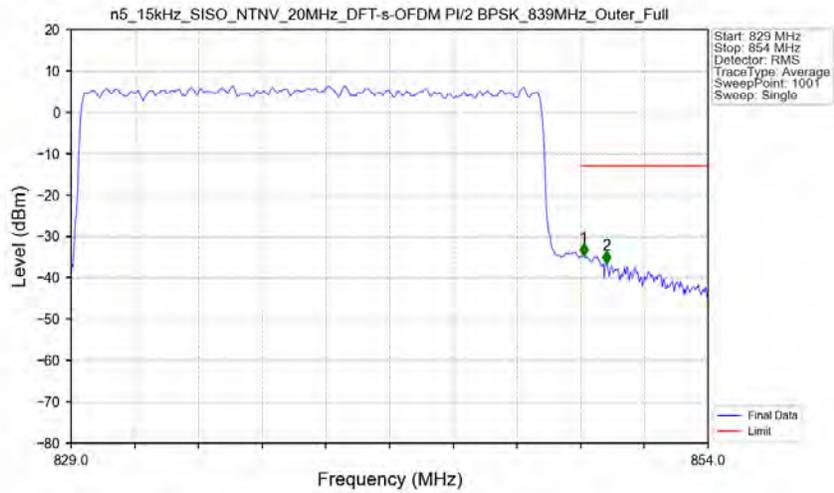
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.950	-58.87	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	854.350	-60.58	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_839MHz_Edge_1RB_Right_Ant0



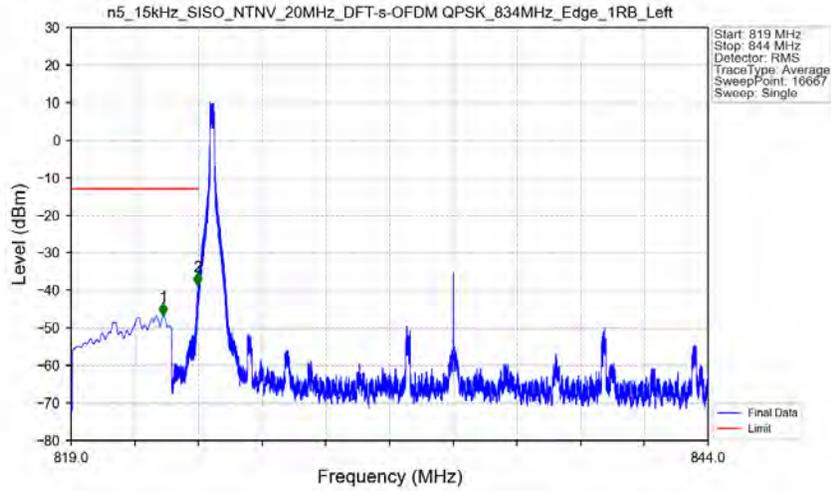
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1697.000	-38.19	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_839MHz_Outer_Full_Ant0



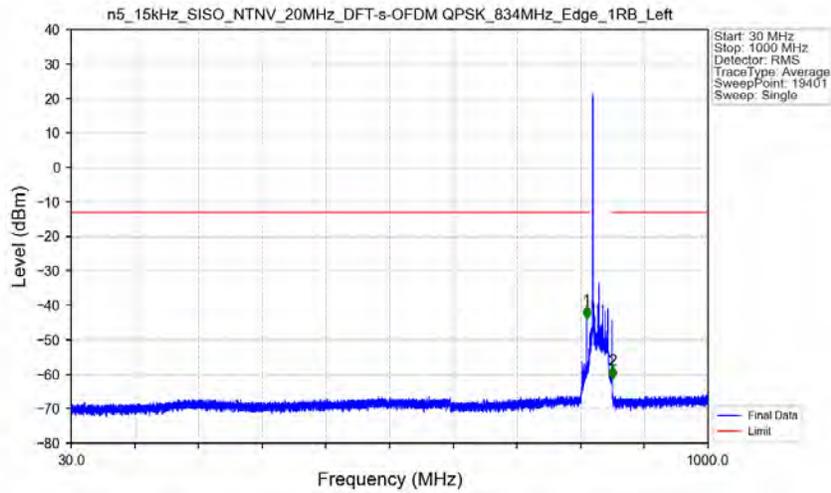
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
829	849	0.19405	CHP	/	/	/	/	/
849	850	0.19405	CHP	1	849.125	-34.73	-13	Pass
850	854	0.1	/	2	850.025	-36.52	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_834MHz_Edge_1RB_Left_Ant0



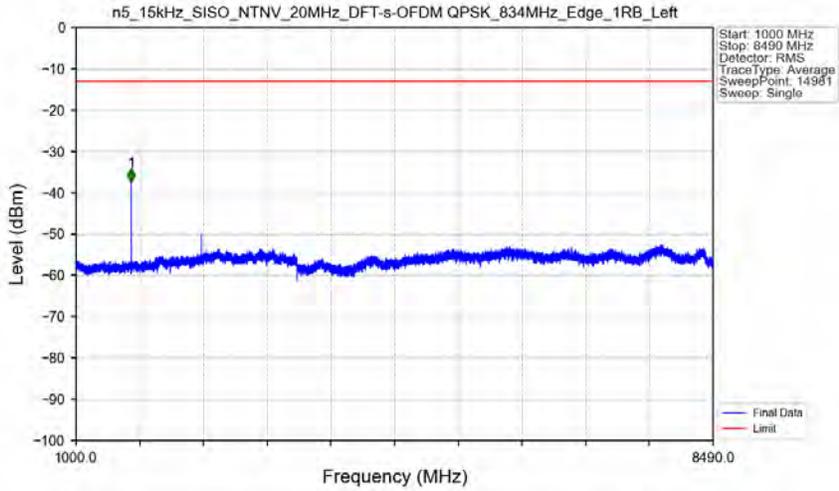
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.618	-46.67	-13	Pass
823	824	0.003	/	2	823.979	-38.72	-13	Pass
824	844	0.003	/	/	/	/	/	/

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_834MHz_Edge_1RB_Left_Ant0



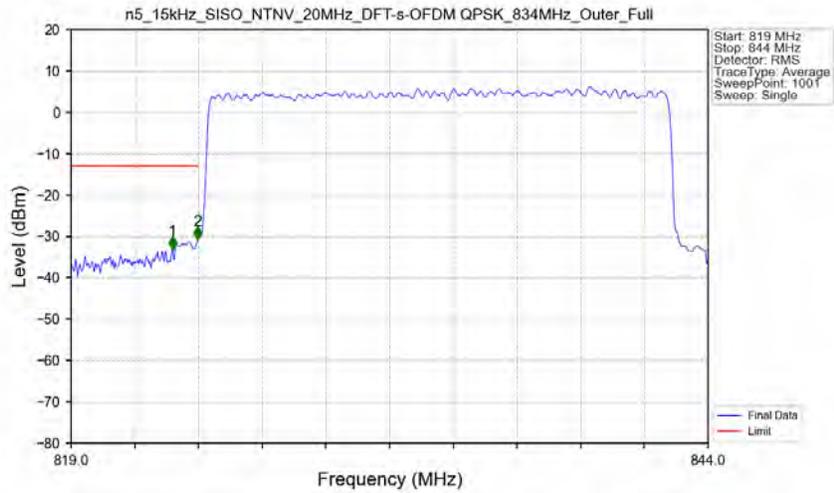
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	815.100	-43.82	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	854.050	-61.46	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_834MHz_Edge_1RB_Left_Ant0



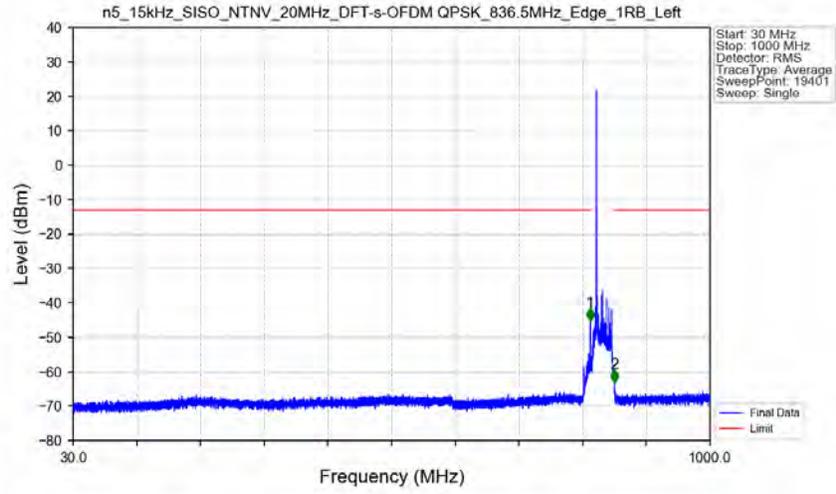
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1649.500	-37.37	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_834MHz_Outer_Full_Ant0



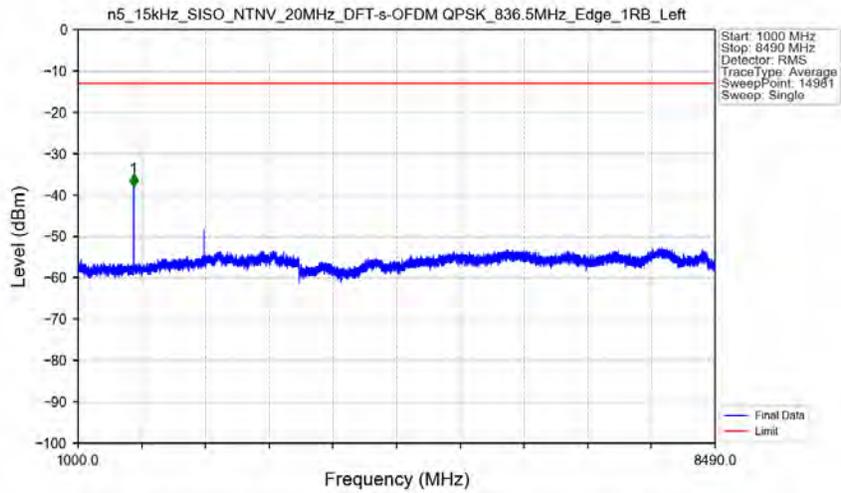
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	/	1	822.975	-33.07	-13	Pass
823	824	0.19405	CHP	2	823.975	-30.82	-13	Pass
824	844	0.19405	CHP	/	/	/	/	/

n5_15kHz_SISO_NTV_20MHz_DFT-s-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant0



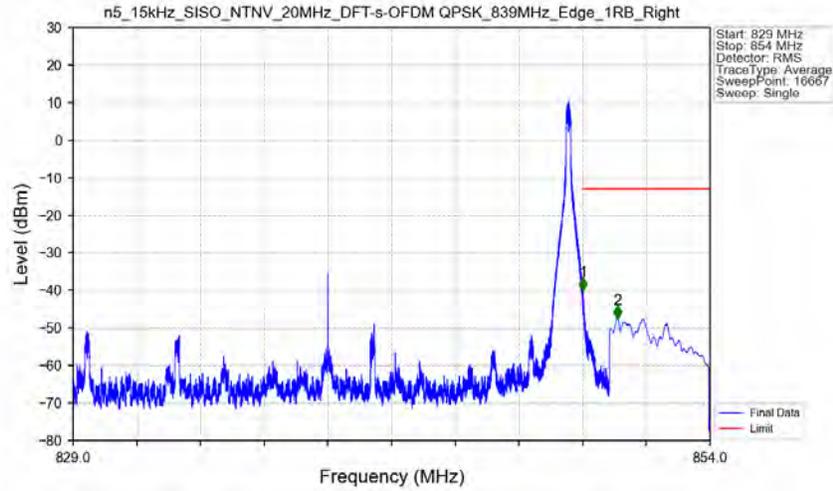
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	817.600	-45.17	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	854.100	-63.19	-13	Pass

n5_15kHz_SISO_NTV_20MHz_DFT-s-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant0



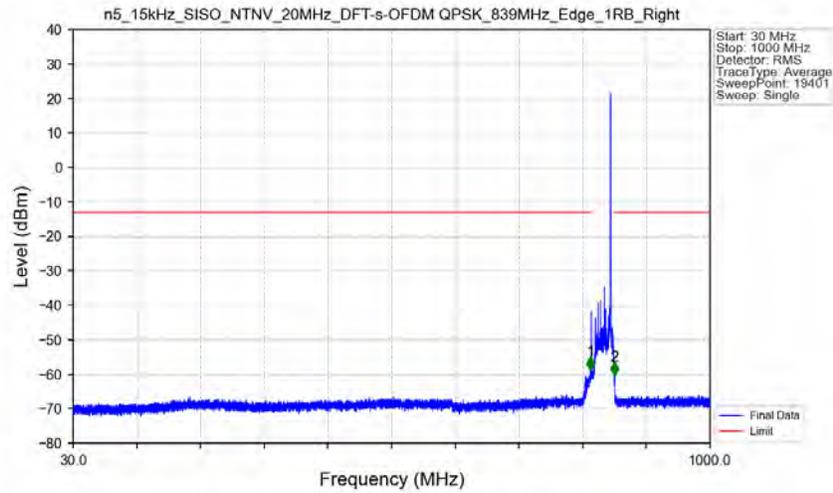
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1654.500	-37.99	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_839MHz_Edge_1RB_Right_Ant0



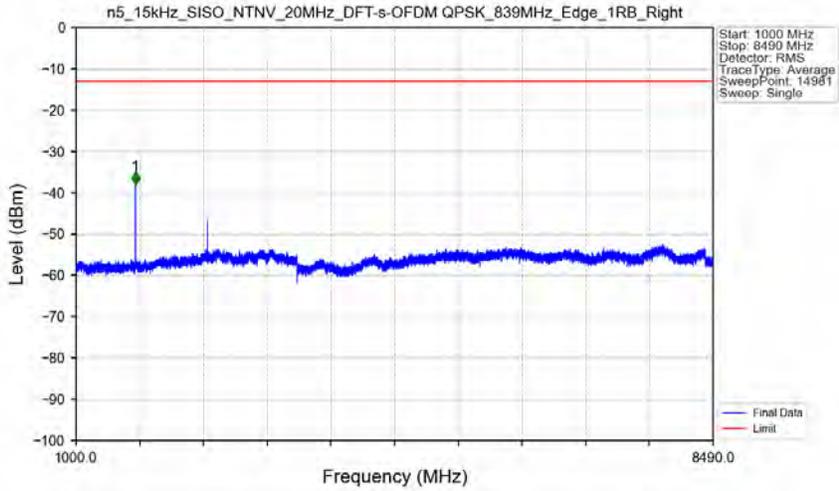
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
829	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.008	-40.05	-13	Pass
850	854	0.1	CHP	2	850.371	-47.40	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_839MHz_Edge_1RB_Right_Ant0



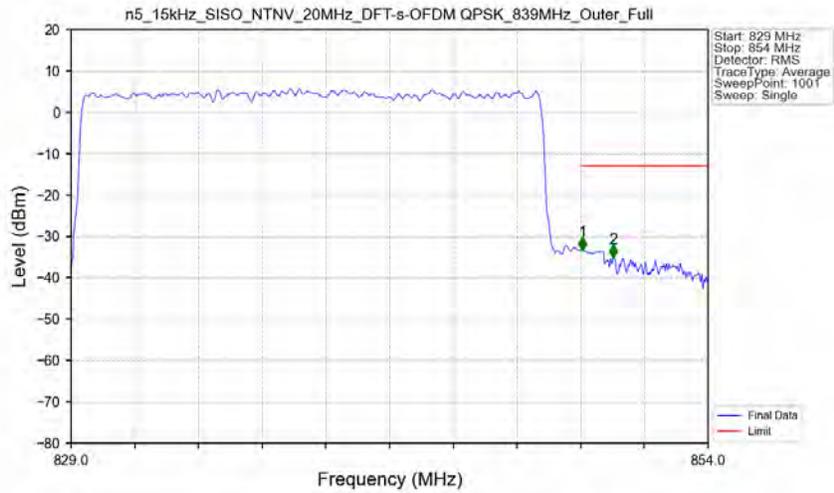
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.000	-58.73	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	854.350	-60.30	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_839MHz_Edge_1RB_Right_Ant0



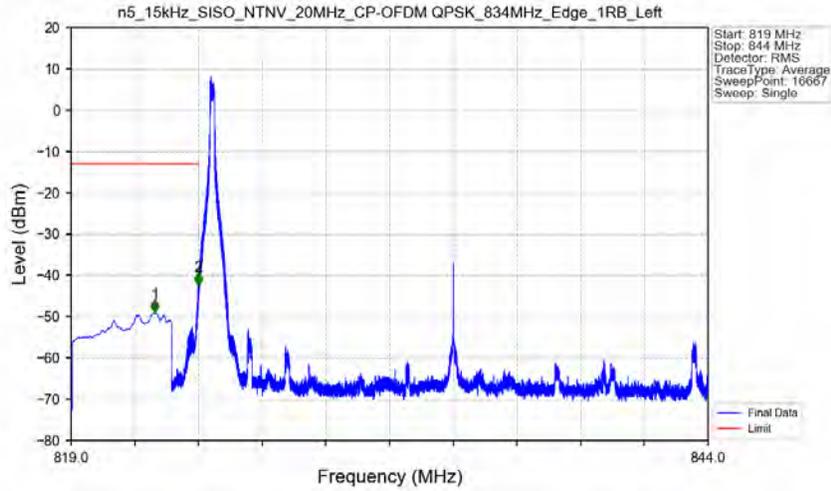
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1697.000	-38.07	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_839MHz_Outer_Full_Ant0



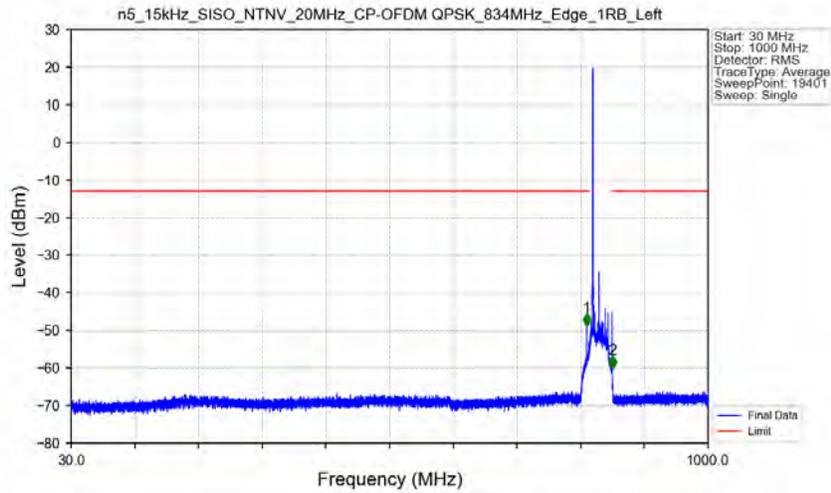
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
829	849	0.19405	CHP	/	/	/	/	/
849	850	0.19405	CHP	1	849.075	-33.24	-13	Pass
850	854	0.1	/	2	850.275	-35.11	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_834MHz_Edge_1RB_Left_Ant0



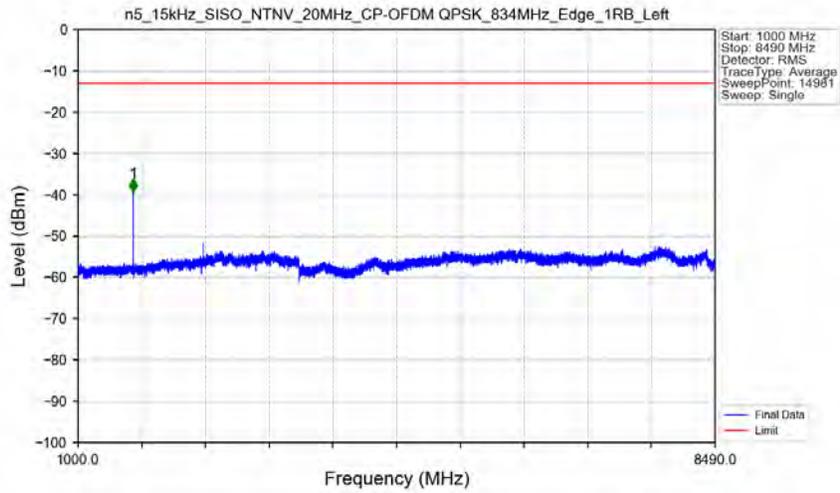
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.294	-49.05	-13	Pass
823	824	0.003	/	2	823.991	-42.38	-13	Pass
824	844	0.003	/	/	/	/	/	/

n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_834MHz_Edge_1RB_Left_Ant0

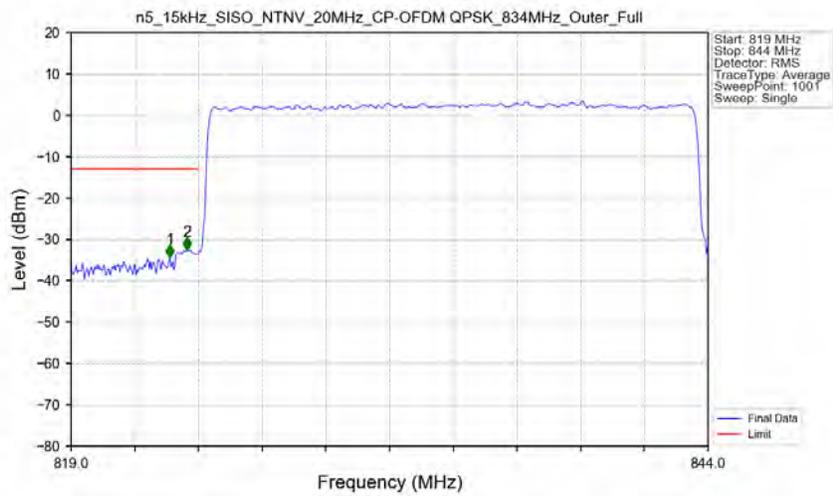


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	815.100	-48.91	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	854.050	-60.07	-13	Pass

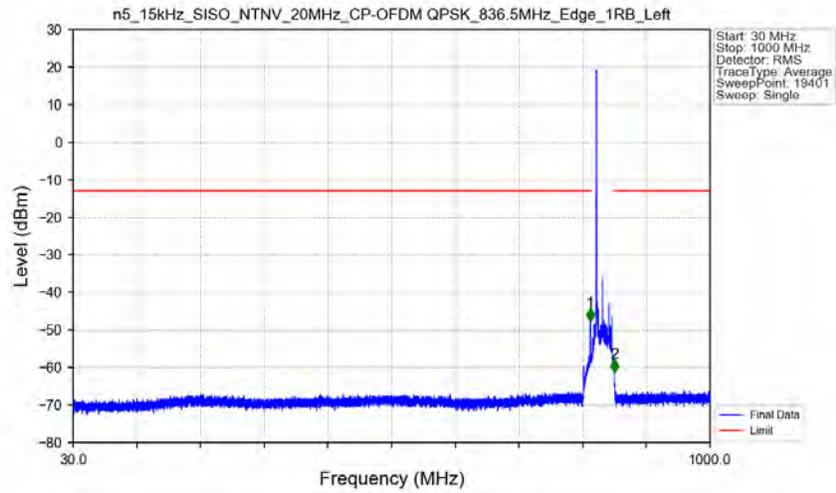
n5_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_834MHz_Edge_1RB_Left_Ant0



n5_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_834MHz_Outer_Full_Ant0

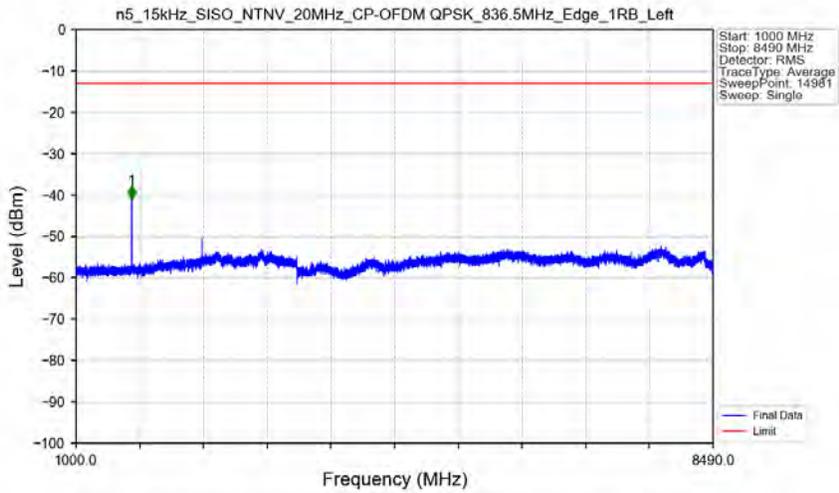


n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant0



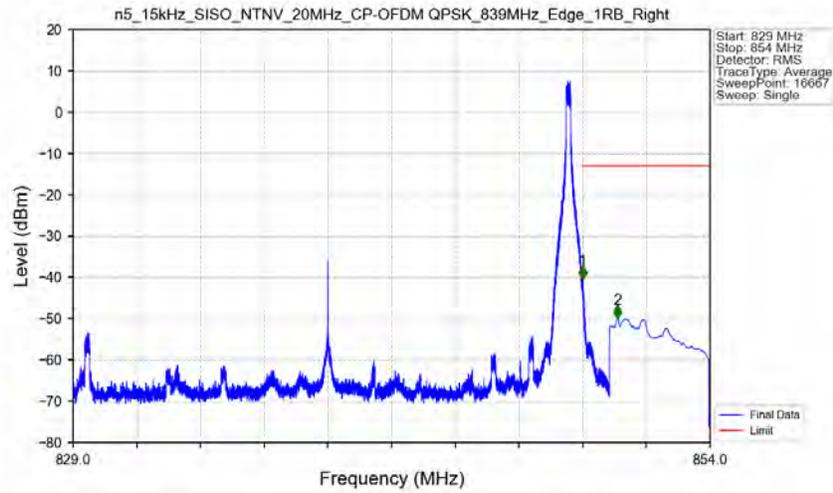
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	817.600	-47.64	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	854.050	-61.26	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant0



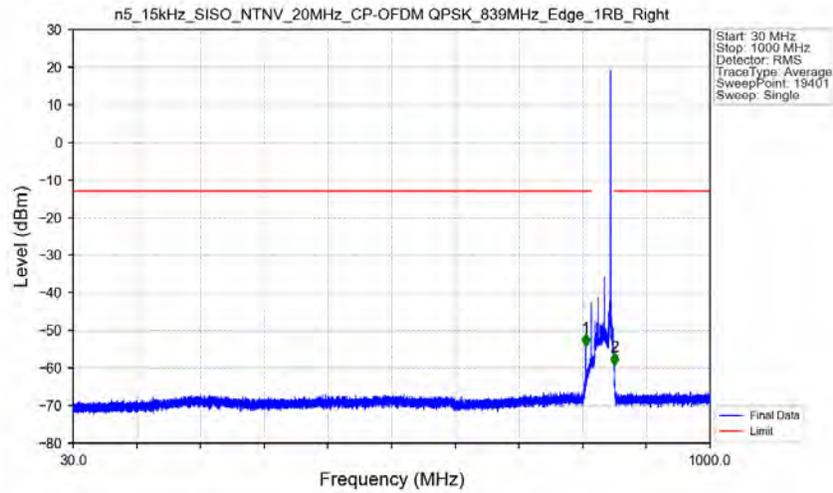
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1654.500	-40.89	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_839MHz_Edge_1RB_Right_Ant0



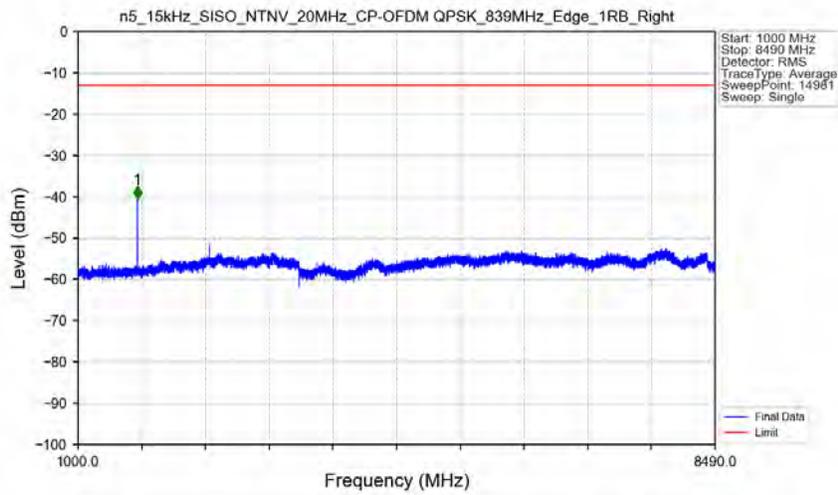
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
829	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.006	-40.36	-13	Pass
850	854	0.1	CHP	2	850.356	-49.91	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_839MHz_Edge_1RB_Right_Ant0

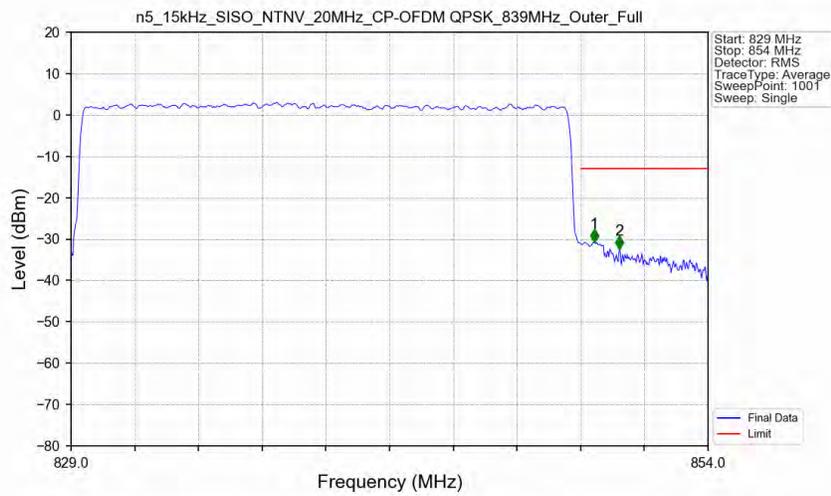


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	810.700	-54.39	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	854.100	-59.29	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_839MHz_Edge_1RB_Right_Ant0



n5_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_839MHz_Outer_Full_Ant0



6. Field Strength of Spurious Radiation

NR N5 ANT0-Low channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#1								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1650.0	-71.23	-13	-58.23	-74.11	2.62	5.5	Horizontal	Pass
2475.0	-66.78	-13	-53.78	-69.48	3.06	5.76	Horizontal	Pass
3300.0	-67.45	-13	-54.45	-71.82	3.3	7.67	Horizontal	Pass
1650.0	-69.51	-13	-56.51	-72.39	2.62	5.5	Vertical	Pass
2475.0	-67.65	-13	-54.65	-70.35	3.06	5.76	Vertical	Pass
3300.0	-67.4	-13	-54.4	-71.77	3.3	7.67	Vertical	Pass

NR N5 ANT0-Middle channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#1								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1655.0	-71.41	-13	-58.41	-74.28	2.62	5.49	Horizontal	Pass
2482.5	-69.65	-13	-56.65	-72.36	3.07	5.78	Horizontal	Pass
3310.0	-67.4	-13	-54.4	-71.8	3.3	7.7	Horizontal	Pass
1655.0	-71.43	-13	-58.43	-74.3	2.62	5.49	Vertical	Pass
2482.5	-68.78	-13	-55.78	-71.49	3.07	5.78	Vertical	Pass
3310.0	-67.65	-13	-54.65	-72.05	3.3	7.7	Vertical	Pass

NR N5 ANT0-High channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#1								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1660.0	-71.88	-13	-58.88	-74.74	2.62	5.48	Horizontal	Pass
2490.0	-69.25	-13	-56.25	-71.98	3.07	5.8	Horizontal	Pass
3320.0	-67.94	-13	-54.94	-72.35	3.31	7.72	Horizontal	Pass
1660.0	-71.75	-13	-58.75	-74.61	2.62	5.48	Vertical	Pass
2490.0	-69.3	-13	-56.3	-72.03	3.07	5.8	Vertical	Pass
3320.0	-67.73	-13	-54.73	-72.14	3.31	7.72	Vertical	Pass

NSA_7A_n5A-Low channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
3300.0	-57.03	-13	-44.03	-61.4	3.3	7.67	Horizontal	Pass
4125.0	-65.76	-13	-52.76	-70.77	3.97	8.98	Horizontal	Pass
7411.461	-52.51	-13	-39.51	-59.2	4.94	11.63	Horizontal	Pass
3300.0	-60.55	-13	-47.55	-64.92	3.3	7.67	Vertical	Pass
4125.0	-65.36	-13	-52.36	-70.37	3.97	8.98	Vertical	Pass
7411.461	-44.39	-13	-31.39	-51.08	4.94	11.63	Vertical	Pass

NSA_7A_n5A-Middle channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
3310.0	-61.54	-13	-48.54	-65.94	3.3	7.7	Horizontal	Pass
4137.5	-65.48	-13	-52.48	-70.49	3.98	8.99	Horizontal	Pass
7454.429	-51.2	-13	-38.2	-57.94	4.94	11.68	Horizontal	Pass
3310.0	-60.74	-13	-47.74	-65.14	3.3	7.7	Vertical	Pass
4137.5	-65.53	-13	-52.53	-70.54	3.98	8.99	Vertical	Pass
7454.429	-51.51	-13	-38.51	-58.25	4.94	11.68	Vertical	Pass

NSA_7A_n5A-High channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
3320.0	-61.38	-13	-48.38	-65.79	3.31	7.72	Horizontal	Pass
4150.0	-65.96	-13	-52.96	-70.98	3.99	9.01	Horizontal	Pass
4980.0	-63.16	-13	-50.16	-68.71	4.56	10.11	Horizontal	Pass
3320.0	-61.38	-13	-48.38	-65.79	3.31	7.72	Vertical	Pass
4150.0	-65.96	-13	-52.96	-70.98	3.99	9.01	Vertical	Pass
7476.006	-53.79	-13	-40.79	-60.56	4.94	11.71	Vertical	Pass