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 NTNV										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			ERP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	826.5	Edge_1RB_Left	23.90	/	/	23.05	/	/	<=38.45	Pass
		Edge_1RB_Right	23.98	/	/	23.13	/	/	<=38.45	Pass
		Outer_Full	24.00	/	/	23.15	/	/	<=38.45	Pass
		Inner_Full	24.53	/	/	23.68	/	/	<=38.45	Pass
		Inner_1RB_Left	24.36	/	/	23.51	/	/	<=38.45	Pass
		Inner_1RB_Right	24.63	/	/	23.78	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	23.86	/	/	23.01	/	/	<=38.45	Pass
		Edge_1RB_Right	23.80	/	/	22.95	/	/	<=38.45	Pass
		Outer_Full	23.91	/	/	23.06	/	/	<=38.45	Pass
		Inner_Full	24.50	/	/	23.65	/	/	<=38.45	Pass
		Inner_1RB_Left	24.64	/	/	23.79	/	/	<=38.45	Pass
		Inner_1RB_Right	24.49	/	/	23.64	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	23.64	/	/	22.79	/	/	<=38.45	Pass
		Edge_1RB_Right	23.54	/	/	22.69	/	/	<=38.45	Pass
		Outer_Full	23.65	/	/	22.80	/	/	<=38.45	Pass
		Inner_Full	24.19	/	/	23.34	/	/	<=38.45	Pass
		Inner_1RB_Left	24.12	/	/	23.27	/	/	<=38.45	Pass
		Inner_1RB_Right	24.11	/	/	23.26	/	/	<=38.45	Pass
DFT-s-OFDM QPSK	826.5	Edge_1RB_Left	23.40	/	/	22.55	/	/	<=38.45	Pass
		Edge_1RB_Right	23.42	/	/	22.57	/	/	<=38.45	Pass
		Outer_Full	23.51	/	/	22.66	/	/	<=38.45	Pass
		Inner_Full	24.58	/	/	23.73	/	/	<=38.45	Pass
		Inner_1RB_Left	24.32	/	/	23.47	/	/	<=38.45	Pass
		Inner_1RB_Right	24.44	/	/	23.59	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	23.49	/	/	22.64	/	/	<=38.45	Pass
		Edge_1RB_Right	23.32	/	/	22.47	/	/	<=38.45	Pass
		Outer_Full	23.43	/	/	22.58	/	/	<=38.45	Pass
		Inner_Full	24.46	/	/	23.61	/	/	<=38.45	Pass
		Inner_1RB_Left	24.42	/	/	23.57	/	/	<=38.45	Pass
		Inner_1RB_Right	24.31	/	/	23.46	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	23.26	/	/	22.41	/	/	<=38.45	Pass
		Edge_1RB_Right	23.01	/	/	22.16	/	/	<=38.45	Pass
		Outer_Full	23.17	/	/	22.32	/	/	<=38.45	Pass
		Inner_Full	24.22	/	/	23.37	/	/	<=38.45	Pass
		Inner_1RB_Left	24.18	/	/	23.33	/	/	<=38.45	Pass
		Inner_1RB_Right	24.03	/	/	23.18	/	/	<=38.45	Pass
DFT-s-OFDM 16 QAM	826.5	Edge_1RB_Left	22.47	/	/	21.62	/	/	<=38.45	Pass
		Edge_1RB_Right	22.51	/	/	21.66	/	/	<=38.45	Pass
		Outer_Full	22.45	/	/	21.60	/	/	<=38.45	Pass
		Inner_Full	23.49	/	/	22.64	/	/	<=38.45	Pass
		Inner_1RB_Left	23.44	/	/	22.59	/	/	<=38.45	Pass
		Inner_1RB_Right	23.53	/	/	22.68	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	22.34	/	/	21.49	/	/	<=38.45	Pass
		Edge_1RB_Right	22.39	/	/	21.54	/	/	<=38.45	Pass
		Outer_Full	22.41	/	/	21.56	/	/	<=38.45	Pass
		Inner_Full	23.42	/	/	22.57	/	/	<=38.45	Pass
		Inner_1RB_Left	23.28	/	/	22.43	/	/	<=38.45	Pass
		Inner_1RB_Right	23.44	/	/	22.59	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	22.15	/	/	21.30	/	/	<=38.45	Pass

		Edge_1RB_Right	22.12	/	/	21.27	/	/	<=38.45	Pass
		Outer_Full	22.08	/	/	21.23	/	/	<=38.45	Pass
		Inner_Full	23.10	/	/	22.25	/	/	<=38.45	Pass
		Inner_1RB_Left	23.10	/	/	22.25	/	/	<=38.45	Pass
		Inner_1RB_Right	23.25	/	/	22.40	/	/	<=38.45	Pass
DFT-s-OFDM 64 QAM	826.5	Edge_1RB_Left	21.95	/	/	21.10	/	/	<=38.45	Pass
		Edge_1RB_Right	22.08	/	/	21.23	/	/	<=38.45	Pass
		Outer_Full	22.01	/	/	21.16	/	/	<=38.45	Pass
		Inner_Full	22.03	/	/	21.18	/	/	<=38.45	Pass
		Inner_1RB_Left	21.99	/	/	21.14	/	/	<=38.45	Pass
		Inner_1RB_Right	22.07	/	/	21.22	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.83	/	/	20.98	/	/	<=38.45	Pass
		Edge_1RB_Right	21.91	/	/	21.06	/	/	<=38.45	Pass
		Outer_Full	21.95	/	/	21.10	/	/	<=38.45	Pass
		Inner_Full	21.91	/	/	21.06	/	/	<=38.45	Pass
		Inner_1RB_Left	21.84	/	/	20.99	/	/	<=38.45	Pass
		Inner_1RB_Right	22.00	/	/	21.15	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	21.67	/	/	20.82	/	/	<=38.45	Pass
		Edge_1RB_Right	21.84	/	/	20.99	/	/	<=38.45	Pass
		Outer_Full	21.63	/	/	20.78	/	/	<=38.45	Pass
		Inner_Full	21.67	/	/	20.82	/	/	<=38.45	Pass
		Inner_1RB_Left	21.65	/	/	20.80	/	/	<=38.45	Pass
		Inner_1RB_Right	21.82	/	/	20.97	/	/	<=38.45	Pass
DFT-s-OFDM 256 QAM	826.5	Edge_1RB_Left	19.95	/	/	19.10	/	/	<=38.45	Pass
		Edge_1RB_Right	20.14	/	/	19.29	/	/	<=38.45	Pass
		Outer_Full	20.14	/	/	19.29	/	/	<=38.45	Pass
		Inner_Full	20.14	/	/	19.29	/	/	<=38.45	Pass
		Inner_1RB_Left	19.97	/	/	19.12	/	/	<=38.45	Pass
		Inner_1RB_Right	20.09	/	/	19.24	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	20.00	/	/	19.15	/	/	<=38.45	Pass
		Edge_1RB_Right	19.85	/	/	19.00	/	/	<=38.45	Pass
		Outer_Full	20.01	/	/	19.16	/	/	<=38.45	Pass
		Inner_Full	20.05	/	/	19.20	/	/	<=38.45	Pass
		Inner_1RB_Left	19.96	/	/	19.11	/	/	<=38.45	Pass
		Inner_1RB_Right	19.86	/	/	19.01	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	19.61	/	/	18.76	/	/	<=38.45	Pass
		Edge_1RB_Right	19.59	/	/	18.74	/	/	<=38.45	Pass
		Outer_Full	19.60	/	/	18.75	/	/	<=38.45	Pass
		Inner_Full	19.73	/	/	18.88	/	/	<=38.45	Pass
		Inner_1RB_Left	19.63	/	/	18.78	/	/	<=38.45	Pass
		Inner_1RB_Right	19.63	/	/	18.78	/	/	<=38.45	Pass
CP-OFDM QPSK	826.5	Edge_1RB_Left	21.34	/	/	20.49	/	/	<=38.45	Pass
		Edge_1RB_Right	21.41	/	/	20.56	/	/	<=38.45	Pass
		Outer_Full	21.51	/	/	20.66	/	/	<=38.45	Pass
		Inner_Full	22.98	/	/	22.13	/	/	<=38.45	Pass
		Inner_1RB_Left	22.72	/	/	21.87	/	/	<=38.45	Pass
		Inner_1RB_Right	22.98	/	/	22.13	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.24	/	/	20.39	/	/	<=38.45	Pass
		Edge_1RB_Right	21.23	/	/	20.38	/	/	<=38.45	Pass
		Outer_Full	21.40	/	/	20.55	/	/	<=38.45	Pass
		Inner_Full	22.96	/	/	22.11	/	/	<=38.45	Pass
		Inner_1RB_Left	22.69	/	/	21.84	/	/	<=38.45	Pass
		Inner_1RB_Right	22.87	/	/	22.02	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	21.04	/	/	20.19	/	/	<=38.45	Pass
		Edge_1RB_Right	20.99	/	/	20.14	/	/	<=38.45	Pass
		Outer_Full	21.09	/	/	20.24	/	/	<=38.45	Pass
		Inner_Full	22.41	/	/	21.56	/	/	<=38.45	Pass
		Inner_1RB_Left	22.39	/	/	21.54	/	/	<=38.45	Pass
		Inner_1RB_Right	22.44	/	/	21.59	/	/	<=38.45	Pass

CP-OFDM 16 QAM	826.5	Edge_1RB_Left	21.48	/	/	20.63	/	/	<=38.45	Pass
		Edge_1RB_Right	21.59	/	/	20.74	/	/	<=38.45	Pass
		Outer_Full	21.47	/	/	20.62	/	/	<=38.45	Pass
		Inner_Full	22.45	/	/	21.60	/	/	<=38.45	Pass
		Inner_1RB_Left	22.41	/	/	21.56	/	/	<=38.45	Pass
		Inner_1RB_Right	22.51	/	/	21.66	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.54	/	/	20.69	/	/	<=38.45	Pass
		Edge_1RB_Right	21.51	/	/	20.66	/	/	<=38.45	Pass
		Outer_Full	21.43	/	/	20.58	/	/	<=38.45	Pass
		Inner_Full	22.36	/	/	21.51	/	/	<=38.45	Pass
		Inner_1RB_Left	22.50	/	/	21.65	/	/	<=38.45	Pass
		Inner_1RB_Right	22.42	/	/	21.57	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	21.28	/	/	20.43	/	/	<=38.45	Pass
		Edge_1RB_Right	21.12	/	/	20.27	/	/	<=38.45	Pass
		Outer_Full	20.92	/	/	20.07	/	/	<=38.45	Pass
		Inner_Full	21.91	/	/	21.06	/	/	<=38.45	Pass
		Inner_1RB_Left	22.08	/	/	21.23	/	/	<=38.45	Pass
		Inner_1RB_Right	22.12	/	/	21.27	/	/	<=38.45	Pass
CP-OFDM 64 QAM	826.5	Edge_1RB_Left	21.04	/	/	20.19	/	/	<=38.45	Pass
		Edge_1RB_Right	21.08	/	/	20.23	/	/	<=38.45	Pass
		Outer_Full	21.20	/	/	20.35	/	/	<=38.45	Pass
		Inner_Full	21.16	/	/	20.31	/	/	<=38.45	Pass
		Inner_1RB_Left	20.96	/	/	20.11	/	/	<=38.45	Pass
		Inner_1RB_Right	21.16	/	/	20.31	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.15	/	/	20.30	/	/	<=38.45	Pass
		Edge_1RB_Right	20.91	/	/	20.06	/	/	<=38.45	Pass
		Outer_Full	21.14	/	/	20.29	/	/	<=38.45	Pass
		Inner_Full	21.02	/	/	20.17	/	/	<=38.45	Pass
		Inner_1RB_Left	21.08	/	/	20.23	/	/	<=38.45	Pass
		Inner_1RB_Right	20.96	/	/	20.11	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	20.57	/	/	19.72	/	/	<=38.45	Pass
		Edge_1RB_Right	20.48	/	/	19.63	/	/	<=38.45	Pass
		Outer_Full	20.51	/	/	19.66	/	/	<=38.45	Pass
		Inner_Full	20.52	/	/	19.67	/	/	<=38.45	Pass
		Inner_1RB_Left	20.48	/	/	19.63	/	/	<=38.45	Pass
		Inner_1RB_Right	20.51	/	/	19.66	/	/	<=38.45	Pass
CP-OFDM 256 QAM	826.5	Edge_1RB_Left	18.04	/	/	17.19	/	/	<=38.45	Pass
		Edge_1RB_Right	18.16	/	/	17.31	/	/	<=38.45	Pass
		Outer_Full	18.12	/	/	17.27	/	/	<=38.45	Pass
		Inner_Full	18.12	/	/	17.27	/	/	<=38.45	Pass
		Inner_1RB_Left	18.03	/	/	17.18	/	/	<=38.45	Pass
		Inner_1RB_Right	18.12	/	/	17.27	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	18.05	/	/	17.20	/	/	<=38.45	Pass
		Edge_1RB_Right	17.99	/	/	17.14	/	/	<=38.45	Pass
		Outer_Full	18.02	/	/	17.17	/	/	<=38.45	Pass
		Inner_Full	18.00	/	/	17.15	/	/	<=38.45	Pass
		Inner_1RB_Left	18.10	/	/	17.25	/	/	<=38.45	Pass
		Inner_1RB_Right	17.98	/	/	17.13	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	17.69	/	/	16.84	/	/	<=38.45	Pass
		Edge_1RB_Right	17.59	/	/	16.74	/	/	<=38.45	Pass
		Outer_Full	17.63	/	/	16.78	/	/	<=38.45	Pass
		Inner_Full	17.68	/	/	16.83	/	/	<=38.45	Pass
		Inner_1RB_Left	17.76	/	/	16.91	/	/	<=38.45	Pass
		Inner_1RB_Right	17.67	/	/	16.82	/	/	<=38.45	Pass
Note1: Antenna Gain: Ant1: 1.30dBi; Note2: ERP=Conducted Power+Antenna Gain-2.15										

1.1.2 15k_SISO_10MHz_NTNV_ERP

5G NR n5 SCS=15kHz SISO 10MHz NTNV										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			ERP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	829	Edge_1RB_Left	23.82	/	/	22.97	/	/	<=38.45	Pass
		Edge_1RB_Right	23.84	/	/	22.99	/	/	<=38.45	Pass
		Outer_Full	23.96	/	/	23.11	/	/	<=38.45	Pass
		Inner_Full	24.50	/	/	23.65	/	/	<=38.45	Pass
		Inner_1RB_Left	24.31	/	/	23.46	/	/	<=38.45	Pass
		Inner_1RB_Right	24.56	/	/	23.71	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	23.95	/	/	23.10	/	/	<=38.45	Pass
		Edge_1RB_Right	23.68	/	/	22.83	/	/	<=38.45	Pass
		Outer_Full	23.88	/	/	23.03	/	/	<=38.45	Pass
		Inner_Full	24.37	/	/	23.52	/	/	<=38.45	Pass
		Inner_1RB_Left	24.30	/	/	23.45	/	/	<=38.45	Pass
		Inner_1RB_Right	24.29	/	/	23.44	/	/	<=38.45	Pass
	844	Edge_1RB_Left	23.68	/	/	22.83	/	/	<=38.45	Pass
		Edge_1RB_Right	23.43	/	/	22.58	/	/	<=38.45	Pass
		Outer_Full	23.62	/	/	22.77	/	/	<=38.45	Pass
		Inner_Full	24.18	/	/	23.33	/	/	<=38.45	Pass
		Inner_1RB_Left	24.15	/	/	23.30	/	/	<=38.45	Pass
		Inner_1RB_Right	24.02	/	/	23.17	/	/	<=38.45	Pass
DFT-s-OFDM QPSK	829	Edge_1RB_Left	23.31	/	/	22.46	/	/	<=38.45	Pass
		Edge_1RB_Right	23.36	/	/	22.51	/	/	<=38.45	Pass
		Outer_Full	23.46	/	/	22.61	/	/	<=38.45	Pass
		Inner_Full	24.37	/	/	23.52	/	/	<=38.45	Pass
		Inner_1RB_Left	24.36	/	/	23.51	/	/	<=38.45	Pass
		Inner_1RB_Right	24.21	/	/	23.36	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	23.47	/	/	22.62	/	/	<=38.45	Pass
		Edge_1RB_Right	23.22	/	/	22.37	/	/	<=38.45	Pass
		Outer_Full	23.37	/	/	22.52	/	/	<=38.45	Pass
		Inner_Full	24.25	/	/	23.40	/	/	<=38.45	Pass
		Inner_1RB_Left	24.37	/	/	23.52	/	/	<=38.45	Pass
		Inner_1RB_Right	24.06	/	/	23.21	/	/	<=38.45	Pass
	844	Edge_1RB_Left	23.22	/	/	22.37	/	/	<=38.45	Pass
		Edge_1RB_Right	22.92	/	/	22.07	/	/	<=38.45	Pass
		Outer_Full	23.11	/	/	22.26	/	/	<=38.45	Pass
		Inner_Full	24.12	/	/	23.27	/	/	<=38.45	Pass
		Inner_1RB_Left	24.17	/	/	23.32	/	/	<=38.45	Pass
		Inner_1RB_Right	23.88	/	/	23.03	/	/	<=38.45	Pass
DFT-s-OFDM 16 QAM	829	Edge_1RB_Left	22.41	/	/	21.56	/	/	<=38.45	Pass
		Edge_1RB_Right	22.34	/	/	21.49	/	/	<=38.45	Pass
		Outer_Full	22.44	/	/	21.59	/	/	<=38.45	Pass
		Inner_Full	23.34	/	/	22.49	/	/	<=38.45	Pass
		Inner_1RB_Left	23.44	/	/	22.59	/	/	<=38.45	Pass
		Inner_1RB_Right	23.30	/	/	22.45	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	22.37	/	/	21.52	/	/	<=38.45	Pass
		Edge_1RB_Right	22.13	/	/	21.28	/	/	<=38.45	Pass
		Outer_Full	22.16	/	/	21.31	/	/	<=38.45	Pass
		Inner_Full	23.26	/	/	22.41	/	/	<=38.45	Pass
		Inner_1RB_Left	23.18	/	/	22.33	/	/	<=38.45	Pass
		Inner_1RB_Right	23.29	/	/	22.44	/	/	<=38.45	Pass
	844	Edge_1RB_Left	22.28	/	/	21.43	/	/	<=38.45	Pass
		Edge_1RB_Right	22.02	/	/	21.17	/	/	<=38.45	Pass
		Outer_Full	22.12	/	/	21.27	/	/	<=38.45	Pass
		Inner_Full	22.66	/	/	21.81	/	/	<=38.45	Pass
		Inner_1RB_Left	23.22	/	/	22.37	/	/	<=38.45	Pass
		Inner_1RB_Right	23.08	/	/	22.23	/	/	<=38.45	Pass
DFT-s-OFDM 64 QAM	829	Edge_1RB_Left	21.94	/	/	21.09	/	/	<=38.45	Pass
		Edge_1RB_Right	21.92	/	/	21.07	/	/	<=38.45	Pass

		Outer_Full	21.95	/	/	21.10	/	/	<=38.45	Pass
		Inner_Full	21.99	/	/	21.14	/	/	<=38.45	Pass
		Inner_1RB_Left	21.97	/	/	21.12	/	/	<=38.45	Pass
		Inner_1RB_Right	21.88	/	/	21.03	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.92	/	/	21.07	/	/	<=38.45	Pass
		Edge_1RB_Right	21.77	/	/	20.92	/	/	<=38.45	Pass
		Outer_Full	21.84	/	/	20.99	/	/	<=38.45	Pass
		Inner_Full	21.89	/	/	21.04	/	/	<=38.45	Pass
		Inner_1RB_Left	21.91	/	/	21.06	/	/	<=38.45	Pass
		Inner_1RB_Right	21.83	/	/	20.98	/	/	<=38.45	Pass
	844	Edge_1RB_Left	21.80	/	/	20.95	/	/	<=38.45	Pass
		Edge_1RB_Right	21.72	/	/	20.87	/	/	<=38.45	Pass
		Outer_Full	21.63	/	/	20.78	/	/	<=38.45	Pass
		Inner_Full	21.64	/	/	20.79	/	/	<=38.45	Pass
		Inner_1RB_Left	21.74	/	/	20.89	/	/	<=38.45	Pass
		Inner_1RB_Right	21.76	/	/	20.91	/	/	<=38.45	Pass
DFT-s-OFDM 256 QAM	829	Edge_1RB_Left	19.95	/	/	19.10	/	/	<=38.45	Pass
		Edge_1RB_Right	19.96	/	/	19.11	/	/	<=38.45	Pass
		Outer_Full	20.02	/	/	19.17	/	/	<=38.45	Pass
		Inner_Full	20.07	/	/	19.22	/	/	<=38.45	Pass
		Inner_1RB_Left	19.95	/	/	19.10	/	/	<=38.45	Pass
		Inner_1RB_Right	20.03	/	/	19.18	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	20.01	/	/	19.16	/	/	<=38.45	Pass
		Edge_1RB_Right	19.79	/	/	18.94	/	/	<=38.45	Pass
		Outer_Full	19.86	/	/	19.01	/	/	<=38.45	Pass
		Inner_Full	19.90	/	/	19.05	/	/	<=38.45	Pass
		Inner_1RB_Left	19.93	/	/	19.08	/	/	<=38.45	Pass
		Inner_1RB_Right	19.76	/	/	18.91	/	/	<=38.45	Pass
	844	Edge_1RB_Left	19.78	/	/	18.93	/	/	<=38.45	Pass
		Edge_1RB_Right	19.50	/	/	18.65	/	/	<=38.45	Pass
		Outer_Full	19.68	/	/	18.83	/	/	<=38.45	Pass
		Inner_Full	19.60	/	/	18.75	/	/	<=38.45	Pass
		Inner_1RB_Left	19.73	/	/	18.88	/	/	<=38.45	Pass
		Inner_1RB_Right	19.56	/	/	18.71	/	/	<=38.45	Pass
CP-OFDM QPSK	829	Edge_1RB_Left	21.25	/	/	20.40	/	/	<=38.45	Pass
		Edge_1RB_Right	21.23	/	/	20.38	/	/	<=38.45	Pass
		Outer_Full	21.40	/	/	20.55	/	/	<=38.45	Pass
		Inner_Full	22.92	/	/	22.07	/	/	<=38.45	Pass
		Inner_1RB_Left	22.68	/	/	21.83	/	/	<=38.45	Pass
		Inner_1RB_Right	22.84	/	/	21.99	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.25	/	/	20.40	/	/	<=38.45	Pass
		Edge_1RB_Right	21.16	/	/	20.31	/	/	<=38.45	Pass
		Outer_Full	21.22	/	/	20.37	/	/	<=38.45	Pass
		Inner_Full	22.69	/	/	21.84	/	/	<=38.45	Pass
		Inner_1RB_Left	22.68	/	/	21.83	/	/	<=38.45	Pass
		Inner_1RB_Right	22.76	/	/	21.91	/	/	<=38.45	Pass
	844	Edge_1RB_Left	21.16	/	/	20.31	/	/	<=38.45	Pass
		Edge_1RB_Right	20.88	/	/	20.03	/	/	<=38.45	Pass
		Outer_Full	21.11	/	/	20.26	/	/	<=38.45	Pass
		Inner_Full	22.59	/	/	21.74	/	/	<=38.45	Pass
		Inner_1RB_Left	22.54	/	/	21.69	/	/	<=38.45	Pass
		Inner_1RB_Right	22.47	/	/	21.62	/	/	<=38.45	Pass
CP-OFDM 16 QAM	829	Edge_1RB_Left	21.47	/	/	20.62	/	/	<=38.45	Pass
		Edge_1RB_Right	21.51	/	/	20.66	/	/	<=38.45	Pass
		Outer_Full	21.48	/	/	20.63	/	/	<=38.45	Pass
		Inner_Full	22.40	/	/	21.55	/	/	<=38.45	Pass
		Inner_1RB_Left	22.38	/	/	21.53	/	/	<=38.45	Pass
		Inner_1RB_Right	22.39	/	/	21.54	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.54	/	/	20.69	/	/	<=38.45	Pass

		Edge_1RB_Right	21.37	/	/	20.52	/	/	<=38.45	Pass
		Outer_Full	21.36	/	/	20.51	/	/	<=38.45	Pass
		Inner_Full	22.32	/	/	21.47	/	/	<=38.45	Pass
		Inner_1RB_Left	22.45	/	/	21.60	/	/	<=38.45	Pass
		Inner_1RB_Right	22.28	/	/	21.43	/	/	<=38.45	Pass
	844	Edge_1RB_Left	21.38	/	/	20.53	/	/	<=38.45	Pass
		Edge_1RB_Right	21.09	/	/	20.24	/	/	<=38.45	Pass
		Outer_Full	21.17	/	/	20.32	/	/	<=38.45	Pass
		Inner_Full	22.07	/	/	21.22	/	/	<=38.45	Pass
		Inner_1RB_Left	22.28	/	/	21.43	/	/	<=38.45	Pass
		Inner_1RB_Right	22.08	/	/	21.23	/	/	<=38.45	Pass
CP-OFDM 64 QAM	829	Edge_1RB_Left	20.93	/	/	20.08	/	/	<=38.45	Pass
		Edge_1RB_Right	21.12	/	/	20.27	/	/	<=38.45	Pass
		Outer_Full	21.11	/	/	20.26	/	/	<=38.45	Pass
		Inner_Full	21.07	/	/	20.22	/	/	<=38.45	Pass
		Inner_1RB_Left	21.01	/	/	20.16	/	/	<=38.45	Pass
		Inner_1RB_Right	21.10	/	/	20.25	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.11	/	/	20.26	/	/	<=38.45	Pass
		Edge_1RB_Right	20.89	/	/	20.04	/	/	<=38.45	Pass
		Outer_Full	20.87	/	/	20.02	/	/	<=38.45	Pass
		Inner_Full	20.83	/	/	19.98	/	/	<=38.45	Pass
		Inner_1RB_Left	21.11	/	/	20.26	/	/	<=38.45	Pass
		Inner_1RB_Right	20.87	/	/	20.02	/	/	<=38.45	Pass
	844	Edge_1RB_Left	20.87	/	/	20.02	/	/	<=38.45	Pass
		Edge_1RB_Right	20.64	/	/	19.79	/	/	<=38.45	Pass
		Outer_Full	20.72	/	/	19.87	/	/	<=38.45	Pass
		Inner_Full	20.64	/	/	19.79	/	/	<=38.45	Pass
		Inner_1RB_Left	20.81	/	/	19.96	/	/	<=38.45	Pass
		Inner_1RB_Right	20.62	/	/	19.77	/	/	<=38.45	Pass
CP-OFDM 256 QAM	829	Edge_1RB_Left	18.07	/	/	17.22	/	/	<=38.45	Pass
		Edge_1RB_Right	18.14	/	/	17.29	/	/	<=38.45	Pass
		Outer_Full	18.09	/	/	17.24	/	/	<=38.45	Pass
		Inner_Full	18.08	/	/	17.23	/	/	<=38.45	Pass
		Inner_1RB_Left	17.99	/	/	17.14	/	/	<=38.45	Pass
		Inner_1RB_Right	18.14	/	/	17.29	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	18.13	/	/	17.28	/	/	<=38.45	Pass
		Edge_1RB_Right	17.89	/	/	17.04	/	/	<=38.45	Pass
		Outer_Full	17.90	/	/	17.05	/	/	<=38.45	Pass
		Inner_Full	17.90	/	/	17.05	/	/	<=38.45	Pass
		Inner_1RB_Left	18.12	/	/	17.27	/	/	<=38.45	Pass
		Inner_1RB_Right	17.81	/	/	16.96	/	/	<=38.45	Pass
	844	Edge_1RB_Left	17.85	/	/	17.00	/	/	<=38.45	Pass
		Edge_1RB_Right	17.60	/	/	16.75	/	/	<=38.45	Pass
		Outer_Full	17.60	/	/	16.75	/	/	<=38.45	Pass
		Inner_Full	17.62	/	/	16.77	/	/	<=38.45	Pass
		Inner_1RB_Left	17.83	/	/	16.98	/	/	<=38.45	Pass
		Inner_1RB_Right	17.60	/	/	16.75	/	/	<=38.45	Pass
Note1: Antenna Gain: Ant1: 1.30dBi; Note2: ERP=Conducted Power+Antenna Gain-2.15										

1.1.3 15k_SISO_15MHz_NTNV_ERP

5G NR n5 SCS=15kHz SISO 15MHz NTNV										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			ERP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	831.5	Edge_1RB_Left	23.81	/	/	22.96	/	/	<=38.45	Pass
		Edge_1RB_Right	23.77	/	/	22.92	/	/	<=38.45	Pass
		Outer_Full	23.94	/	/	23.09	/	/	<=38.45	Pass

		Inner_Full	24.47	/	/	23.62	/	/	<=38.45	Pass
		Inner_1RB_Left	24.29	/	/	23.44	/	/	<=38.45	Pass
		Inner_1RB_Right	24.37	/	/	23.52	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	23.94	/	/	23.09	/	/	<=38.45	Pass
		Edge_1RB_Right	23.61	/	/	22.76	/	/	<=38.45	Pass
		Outer_Full	23.87	/	/	23.02	/	/	<=38.45	Pass
		Inner_Full	24.41	/	/	23.56	/	/	<=38.45	Pass
		Inner_1RB_Left	24.44	/	/	23.59	/	/	<=38.45	Pass
		Inner_1RB_Right	24.30	/	/	23.45	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	23.80	/	/	22.95	/	/	<=38.45	Pass
		Edge_1RB_Right	23.48	/	/	22.63	/	/	<=38.45	Pass
		Outer_Full	23.70	/	/	22.85	/	/	<=38.45	Pass
		Inner_Full	24.28	/	/	23.43	/	/	<=38.45	Pass
		Inner_1RB_Left	24.28	/	/	23.43	/	/	<=38.45	Pass
		Inner_1RB_Right	24.02	/	/	23.17	/	/	<=38.45	Pass
DFT-s-OFDM QPSK	831.5	Edge_1RB_Left	23.31	/	/	22.46	/	/	<=38.45	Pass
		Edge_1RB_Right	23.25	/	/	22.40	/	/	<=38.45	Pass
		Outer_Full	23.39	/	/	22.54	/	/	<=38.45	Pass
		Inner_Full	24.43	/	/	23.58	/	/	<=38.45	Pass
		Inner_1RB_Left	24.24	/	/	23.39	/	/	<=38.45	Pass
		Inner_1RB_Right	24.23	/	/	23.38	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	23.47	/	/	22.62	/	/	<=38.45	Pass
		Edge_1RB_Right	23.13	/	/	22.28	/	/	<=38.45	Pass
		Outer_Full	23.36	/	/	22.51	/	/	<=38.45	Pass
		Inner_Full	24.41	/	/	23.56	/	/	<=38.45	Pass
		Inner_1RB_Left	24.40	/	/	23.55	/	/	<=38.45	Pass
		Inner_1RB_Right	24.20	/	/	23.35	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	23.39	/	/	22.54	/	/	<=38.45	Pass
		Edge_1RB_Right	22.93	/	/	22.08	/	/	<=38.45	Pass
		Outer_Full	23.19	/	/	22.34	/	/	<=38.45	Pass
		Inner_Full	24.19	/	/	23.34	/	/	<=38.45	Pass
		Inner_1RB_Left	24.32	/	/	23.47	/	/	<=38.45	Pass
		Inner_1RB_Right	23.88	/	/	23.03	/	/	<=38.45	Pass
DFT-s-OFDM 16 QAM	831.5	Edge_1RB_Left	22.39	/	/	21.54	/	/	<=38.45	Pass
		Edge_1RB_Right	22.31	/	/	21.46	/	/	<=38.45	Pass
		Outer_Full	22.39	/	/	21.54	/	/	<=38.45	Pass
		Inner_Full	23.43	/	/	22.58	/	/	<=38.45	Pass
		Inner_1RB_Left	23.35	/	/	22.50	/	/	<=38.45	Pass
		Inner_1RB_Right	23.29	/	/	22.44	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	22.53	/	/	21.68	/	/	<=38.45	Pass
		Edge_1RB_Right	22.13	/	/	21.28	/	/	<=38.45	Pass
		Outer_Full	22.33	/	/	21.48	/	/	<=38.45	Pass
		Inner_Full	23.41	/	/	22.56	/	/	<=38.45	Pass
		Inner_1RB_Left	23.51	/	/	22.66	/	/	<=38.45	Pass
		Inner_1RB_Right	23.13	/	/	22.28	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	22.30	/	/	21.45	/	/	<=38.45	Pass
		Edge_1RB_Right	22.04	/	/	21.19	/	/	<=38.45	Pass
		Outer_Full	22.15	/	/	21.30	/	/	<=38.45	Pass
		Inner_Full	23.23	/	/	22.38	/	/	<=38.45	Pass
		Inner_1RB_Left	23.19	/	/	22.34	/	/	<=38.45	Pass
		Inner_1RB_Right	23.15	/	/	22.30	/	/	<=38.45	Pass
DFT-s-OFDM 64 QAM	831.5	Edge_1RB_Left	21.93	/	/	21.08	/	/	<=38.45	Pass
		Edge_1RB_Right	21.87	/	/	21.02	/	/	<=38.45	Pass
		Outer_Full	21.94	/	/	21.09	/	/	<=38.45	Pass
		Inner_Full	21.97	/	/	21.12	/	/	<=38.45	Pass
		Inner_1RB_Left	21.93	/	/	21.08	/	/	<=38.45	Pass
		Inner_1RB_Right	21.86	/	/	21.01	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	22.13	/	/	21.28	/	/	<=38.45	Pass
		Edge_1RB_Right	21.69	/	/	20.84	/	/	<=38.45	Pass

		Outer_Full	21.92	/	/	21.07	/	/	<=38.45	Pass
		Inner_Full	21.88	/	/	21.03	/	/	<=38.45	Pass
		Inner_1RB_Left	22.06	/	/	21.21	/	/	<=38.45	Pass
		Inner_1RB_Right	21.78	/	/	20.93	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	21.82	/	/	20.97	/	/	<=38.45	Pass
		Edge_1RB_Right	21.68	/	/	20.83	/	/	<=38.45	Pass
		Outer_Full	21.75	/	/	20.90	/	/	<=38.45	Pass
		Inner_Full	21.76	/	/	20.91	/	/	<=38.45	Pass
		Inner_1RB_Left	21.76	/	/	20.91	/	/	<=38.45	Pass
		Inner_1RB_Right	21.72	/	/	20.87	/	/	<=38.45	Pass
DFT-s-OFDM 256 QAM	831.5	Edge_1RB_Left	19.93	/	/	19.08	/	/	<=38.45	Pass
		Edge_1RB_Right	19.78	/	/	18.93	/	/	<=38.45	Pass
		Outer_Full	20.07	/	/	19.22	/	/	<=38.45	Pass
		Inner_Full	20.10	/	/	19.25	/	/	<=38.45	Pass
		Inner_1RB_Left	19.96	/	/	19.11	/	/	<=38.45	Pass
		Inner_1RB_Right	19.87	/	/	19.02	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	20.15	/	/	19.30	/	/	<=38.45	Pass
		Edge_1RB_Right	19.67	/	/	18.82	/	/	<=38.45	Pass
		Outer_Full	19.96	/	/	19.11	/	/	<=38.45	Pass
		Inner_Full	20.04	/	/	19.19	/	/	<=38.45	Pass
		Inner_1RB_Left	20.19	/	/	19.34	/	/	<=38.45	Pass
		Inner_1RB_Right	19.67	/	/	18.82	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	19.89	/	/	19.04	/	/	<=38.45	Pass
		Edge_1RB_Right	19.57	/	/	18.72	/	/	<=38.45	Pass
		Outer_Full	19.78	/	/	18.93	/	/	<=38.45	Pass
		Inner_Full	19.77	/	/	18.92	/	/	<=38.45	Pass
		Inner_1RB_Left	19.93	/	/	19.08	/	/	<=38.45	Pass
		Inner_1RB_Right	19.59	/	/	18.74	/	/	<=38.45	Pass
CP-OFDM QPSK	831.5	Edge_1RB_Left	21.23	/	/	20.38	/	/	<=38.45	Pass
		Edge_1RB_Right	21.19	/	/	20.34	/	/	<=38.45	Pass
		Outer_Full	21.45	/	/	20.60	/	/	<=38.45	Pass
		Inner_Full	22.99	/	/	22.14	/	/	<=38.45	Pass
		Inner_1RB_Left	22.66	/	/	21.81	/	/	<=38.45	Pass
		Inner_1RB_Right	22.78	/	/	21.93	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.36	/	/	20.51	/	/	<=38.45	Pass
		Edge_1RB_Right	21.04	/	/	20.19	/	/	<=38.45	Pass
		Outer_Full	21.38	/	/	20.53	/	/	<=38.45	Pass
		Inner_Full	22.93	/	/	22.08	/	/	<=38.45	Pass
		Inner_1RB_Left	22.77	/	/	21.92	/	/	<=38.45	Pass
		Inner_1RB_Right	22.67	/	/	21.82	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	21.23	/	/	20.38	/	/	<=38.45	Pass
		Edge_1RB_Right	20.85	/	/	20.00	/	/	<=38.45	Pass
		Outer_Full	21.22	/	/	20.37	/	/	<=38.45	Pass
		Inner_Full	22.69	/	/	21.84	/	/	<=38.45	Pass
		Inner_1RB_Left	22.58	/	/	21.73	/	/	<=38.45	Pass
		Inner_1RB_Right	22.47	/	/	21.62	/	/	<=38.45	Pass
CP-OFDM 16 QAM	831.5	Edge_1RB_Left	21.49	/	/	20.64	/	/	<=38.45	Pass
		Edge_1RB_Right	21.36	/	/	20.51	/	/	<=38.45	Pass
		Outer_Full	21.47	/	/	20.62	/	/	<=38.45	Pass
		Inner_Full	22.48	/	/	21.63	/	/	<=38.45	Pass
		Inner_1RB_Left	22.42	/	/	21.57	/	/	<=38.45	Pass
		Inner_1RB_Right	22.36	/	/	21.51	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.56	/	/	20.71	/	/	<=38.45	Pass
		Edge_1RB_Right	21.29	/	/	20.44	/	/	<=38.45	Pass
		Outer_Full	21.39	/	/	20.54	/	/	<=38.45	Pass
		Inner_Full	22.42	/	/	21.57	/	/	<=38.45	Pass
		Inner_1RB_Left	22.57	/	/	21.72	/	/	<=38.45	Pass
		Inner_1RB_Right	22.21	/	/	21.36	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	21.49	/	/	20.64	/	/	<=38.45	Pass

		Edge_1RB_Right	21.08	/	/	20.23	/	/	<=38.45	Pass
		Outer_Full	21.20	/	/	20.35	/	/	<=38.45	Pass
		Inner_Full	22.24	/	/	21.39	/	/	<=38.45	Pass
		Inner_1RB_Left	22.42	/	/	21.57	/	/	<=38.45	Pass
		Inner_1RB_Right	22.04	/	/	21.19	/	/	<=38.45	Pass
CP-OFDM 64 QAM	831.5	Edge_1RB_Left	20.99	/	/	20.14	/	/	<=38.45	Pass
		Edge_1RB_Right	20.95	/	/	20.10	/	/	<=38.45	Pass
		Outer_Full	21.11	/	/	20.26	/	/	<=38.45	Pass
		Inner_Full	21.13	/	/	20.28	/	/	<=38.45	Pass
		Inner_1RB_Left	21.06	/	/	20.21	/	/	<=38.45	Pass
		Inner_1RB_Right	20.95	/	/	20.10	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.24	/	/	20.39	/	/	<=38.45	Pass
		Edge_1RB_Right	20.82	/	/	19.97	/	/	<=38.45	Pass
		Outer_Full	21.03	/	/	20.18	/	/	<=38.45	Pass
		Inner_Full	21.05	/	/	20.20	/	/	<=38.45	Pass
		Inner_1RB_Left	21.20	/	/	20.35	/	/	<=38.45	Pass
		Inner_1RB_Right	20.78	/	/	19.93	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	21.12	/	/	20.27	/	/	<=38.45	Pass
		Edge_1RB_Right	20.65	/	/	19.80	/	/	<=38.45	Pass
		Outer_Full	20.82	/	/	19.97	/	/	<=38.45	Pass
		Inner_Full	20.89	/	/	20.04	/	/	<=38.45	Pass
		Inner_1RB_Left	21.10	/	/	20.25	/	/	<=38.45	Pass
		Inner_1RB_Right	20.64	/	/	19.79	/	/	<=38.45	Pass
CP-OFDM 256 QAM	831.5	Edge_1RB_Left	18.05	/	/	17.20	/	/	<=38.45	Pass
		Edge_1RB_Right	17.99	/	/	17.14	/	/	<=38.45	Pass
		Outer_Full	18.07	/	/	17.22	/	/	<=38.45	Pass
		Inner_Full	18.11	/	/	17.26	/	/	<=38.45	Pass
		Inner_1RB_Left	18.05	/	/	17.20	/	/	<=38.45	Pass
		Inner_1RB_Right	17.97	/	/	17.12	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	18.22	/	/	17.37	/	/	<=38.45	Pass
		Edge_1RB_Right	17.84	/	/	16.99	/	/	<=38.45	Pass
		Outer_Full	17.97	/	/	17.12	/	/	<=38.45	Pass
		Inner_Full	18.03	/	/	17.18	/	/	<=38.45	Pass
		Inner_1RB_Left	18.23	/	/	17.38	/	/	<=38.45	Pass
		Inner_1RB_Right	17.86	/	/	17.01	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	18.11	/	/	17.26	/	/	<=38.45	Pass
		Edge_1RB_Right	17.63	/	/	16.78	/	/	<=38.45	Pass
		Outer_Full	17.78	/	/	16.93	/	/	<=38.45	Pass
		Inner_Full	17.78	/	/	16.93	/	/	<=38.45	Pass
		Inner_1RB_Left	18.13	/	/	17.28	/	/	<=38.45	Pass
		Inner_1RB_Right	17.65	/	/	16.80	/	/	<=38.45	Pass
Note1: Antenna Gain: Ant1: 1.30dBi; Note2: ERP=Conducted Power+Antenna Gain-2.15										

1.1.4 15k_SISO_20MHz_NTNV_ERP

5G NR n5 SCS=15kHz SISO 20MHz NTNV										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			ERP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	834	Edge_1RB_Left	23.80	/	/	22.95	/	/	<=38.45	Pass
		Edge_1RB_Right	23.56	/	/	22.71	/	/	<=38.45	Pass
		Outer_Full	23.89	/	/	23.04	/	/	<=38.45	Pass
		Inner_Full	24.40	/	/	23.55	/	/	<=38.45	Pass
		Inner_1RB_Left	24.29	/	/	23.44	/	/	<=38.45	Pass
		Inner_1RB_Right	24.08	/	/	23.23	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	23.89	/	/	23.04	/	/	<=38.45	Pass
		Edge_1RB_Right	23.64	/	/	22.79	/	/	<=38.45	Pass
		Outer_Full	23.87	/	/	23.02	/	/	<=38.45	Pass

		Inner_Full	24.39	/	/	23.54	/	/	<=38.45	Pass
		Inner_1RB_Left	24.38	/	/	23.53	/	/	<=38.45	Pass
		Inner_1RB_Right	24.25	/	/	23.40	/	/	<=38.45	Pass
	839	Edge_1RB_Left	23.94	/	/	23.09	/	/	<=38.45	Pass
		Edge_1RB_Right	23.51	/	/	22.66	/	/	<=38.45	Pass
		Outer_Full	23.73	/	/	22.88	/	/	<=38.45	Pass
		Inner_Full	24.32	/	/	23.47	/	/	<=38.45	Pass
		Inner_1RB_Left	24.39	/	/	23.54	/	/	<=38.45	Pass
		Inner_1RB_Right	24.00	/	/	23.15	/	/	<=38.45	Pass
DFT-s-OFDM QPSK	834	Edge_1RB_Left	23.25	/	/	22.40	/	/	<=38.45	Pass
		Edge_1RB_Right	23.11	/	/	22.26	/	/	<=38.45	Pass
		Outer_Full	23.37	/	/	22.52	/	/	<=38.45	Pass
		Inner_Full	24.42	/	/	23.57	/	/	<=38.45	Pass
		Inner_1RB_Left	24.24	/	/	23.39	/	/	<=38.45	Pass
		Inner_1RB_Right	24.11	/	/	23.26	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	23.37	/	/	22.52	/	/	<=38.45	Pass
		Edge_1RB_Right	23.09	/	/	22.24	/	/	<=38.45	Pass
		Outer_Full	23.32	/	/	22.47	/	/	<=38.45	Pass
		Inner_Full	24.43	/	/	23.58	/	/	<=38.45	Pass
		Inner_1RB_Left	24.35	/	/	23.50	/	/	<=38.45	Pass
		Inner_1RB_Right	24.08	/	/	23.23	/	/	<=38.45	Pass
	839	Edge_1RB_Left	23.42	/	/	22.57	/	/	<=38.45	Pass
		Edge_1RB_Right	22.97	/	/	22.12	/	/	<=38.45	Pass
		Outer_Full	23.29	/	/	22.44	/	/	<=38.45	Pass
		Inner_Full	24.35	/	/	23.50	/	/	<=38.45	Pass
		Inner_1RB_Left	24.42	/	/	23.57	/	/	<=38.45	Pass
		Inner_1RB_Right	23.87	/	/	23.02	/	/	<=38.45	Pass
DFT-s-OFDM 16 QAM	834	Edge_1RB_Left	22.39	/	/	21.54	/	/	<=38.45	Pass
		Edge_1RB_Right	22.23	/	/	21.38	/	/	<=38.45	Pass
		Outer_Full	22.28	/	/	21.43	/	/	<=38.45	Pass
		Inner_Full	23.30	/	/	22.45	/	/	<=38.45	Pass
		Inner_1RB_Left	23.37	/	/	22.52	/	/	<=38.45	Pass
		Inner_1RB_Right	23.08	/	/	22.23	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	22.52	/	/	21.67	/	/	<=38.45	Pass
		Edge_1RB_Right	22.10	/	/	21.25	/	/	<=38.45	Pass
		Outer_Full	22.33	/	/	21.48	/	/	<=38.45	Pass
		Inner_Full	23.34	/	/	22.49	/	/	<=38.45	Pass
		Inner_1RB_Left	23.51	/	/	22.66	/	/	<=38.45	Pass
		Inner_1RB_Right	23.04	/	/	22.19	/	/	<=38.45	Pass
	839	Edge_1RB_Left	22.49	/	/	21.64	/	/	<=38.45	Pass
		Edge_1RB_Right	22.09	/	/	21.24	/	/	<=38.45	Pass
		Outer_Full	22.24	/	/	21.39	/	/	<=38.45	Pass
		Inner_Full	23.31	/	/	22.46	/	/	<=38.45	Pass
		Inner_1RB_Left	23.48	/	/	22.63	/	/	<=38.45	Pass
		Inner_1RB_Right	23.14	/	/	22.29	/	/	<=38.45	Pass
DFT-s-OFDM 64 QAM	834	Edge_1RB_Left	21.90	/	/	21.05	/	/	<=38.45	Pass
		Edge_1RB_Right	21.70	/	/	20.85	/	/	<=38.45	Pass
		Outer_Full	21.81	/	/	20.96	/	/	<=38.45	Pass
		Inner_Full	21.88	/	/	21.03	/	/	<=38.45	Pass
		Inner_1RB_Left	21.83	/	/	20.98	/	/	<=38.45	Pass
		Inner_1RB_Right	21.60	/	/	20.75	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.94	/	/	21.09	/	/	<=38.45	Pass
		Edge_1RB_Right	21.54	/	/	20.69	/	/	<=38.45	Pass
		Outer_Full	21.81	/	/	20.96	/	/	<=38.45	Pass
		Inner_Full	21.87	/	/	21.02	/	/	<=38.45	Pass
		Inner_1RB_Left	22.02	/	/	21.17	/	/	<=38.45	Pass
		Inner_1RB_Right	21.55	/	/	20.70	/	/	<=38.45	Pass
	839	Edge_1RB_Left	21.98	/	/	21.13	/	/	<=38.45	Pass
		Edge_1RB_Right	21.67	/	/	20.82	/	/	<=38.45	Pass

		Outer_Full	21.70	/	/	20.85	/	/	<=38.45	Pass
		Inner_Full	21.82	/	/	20.97	/	/	<=38.45	Pass
		Inner_1RB_Left	21.98	/	/	21.13	/	/	<=38.45	Pass
		Inner_1RB_Right	21.70	/	/	20.85	/	/	<=38.45	Pass
DFT-s-OFDM 256 QAM	834	Edge_1RB_Left	19.93	/	/	19.08	/	/	<=38.45	Pass
		Edge_1RB_Right	19.62	/	/	18.77	/	/	<=38.45	Pass
		Outer_Full	19.97	/	/	19.12	/	/	<=38.45	Pass
		Inner_Full	20.04	/	/	19.19	/	/	<=38.45	Pass
		Inner_1RB_Left	19.95	/	/	19.10	/	/	<=38.45	Pass
		Inner_1RB_Right	19.60	/	/	18.75	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	20.00	/	/	19.15	/	/	<=38.45	Pass
		Edge_1RB_Right	19.53	/	/	18.68	/	/	<=38.45	Pass
		Outer_Full	19.98	/	/	19.13	/	/	<=38.45	Pass
		Inner_Full	20.03	/	/	19.18	/	/	<=38.45	Pass
		Inner_1RB_Left	20.08	/	/	19.23	/	/	<=38.45	Pass
		Inner_1RB_Right	19.59	/	/	18.74	/	/	<=38.45	Pass
	839	Edge_1RB_Left	20.11	/	/	19.26	/	/	<=38.45	Pass
		Edge_1RB_Right	19.59	/	/	18.74	/	/	<=38.45	Pass
		Outer_Full	19.87	/	/	19.02	/	/	<=38.45	Pass
		Inner_Full	19.90	/	/	19.05	/	/	<=38.45	Pass
		Inner_1RB_Left	20.15	/	/	19.30	/	/	<=38.45	Pass
		Inner_1RB_Right	19.58	/	/	18.73	/	/	<=38.45	Pass
CP-OFDM QPSK	834	Edge_1RB_Left	21.21	/	/	20.36	/	/	<=38.45	Pass
		Edge_1RB_Right	20.99	/	/	20.14	/	/	<=38.45	Pass
		Outer_Full	21.36	/	/	20.51	/	/	<=38.45	Pass
		Inner_Full	22.91	/	/	22.06	/	/	<=38.45	Pass
		Inner_1RB_Left	22.62	/	/	21.77	/	/	<=38.45	Pass
		Inner_1RB_Right	22.56	/	/	21.71	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.33	/	/	20.48	/	/	<=38.45	Pass
		Edge_1RB_Right	21.03	/	/	20.18	/	/	<=38.45	Pass
		Outer_Full	21.37	/	/	20.52	/	/	<=38.45	Pass
		Inner_Full	22.93	/	/	22.08	/	/	<=38.45	Pass
		Inner_1RB_Left	22.70	/	/	21.85	/	/	<=38.45	Pass
		Inner_1RB_Right	22.51	/	/	21.66	/	/	<=38.45	Pass
	839	Edge_1RB_Left	21.32	/	/	20.47	/	/	<=38.45	Pass
		Edge_1RB_Right	20.90	/	/	20.05	/	/	<=38.45	Pass
		Outer_Full	21.27	/	/	20.42	/	/	<=38.45	Pass
		Inner_Full	22.78	/	/	21.93	/	/	<=38.45	Pass
		Inner_1RB_Left	22.78	/	/	21.93	/	/	<=38.45	Pass
		Inner_1RB_Right	22.40	/	/	21.55	/	/	<=38.45	Pass
CP-OFDM 16 QAM	834	Edge_1RB_Left	21.45	/	/	20.60	/	/	<=38.45	Pass
		Edge_1RB_Right	21.25	/	/	20.40	/	/	<=38.45	Pass
		Outer_Full	21.35	/	/	20.50	/	/	<=38.45	Pass
		Inner_Full	22.37	/	/	21.52	/	/	<=38.45	Pass
		Inner_1RB_Left	22.34	/	/	21.49	/	/	<=38.45	Pass
		Inner_1RB_Right	22.14	/	/	21.29	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.48	/	/	20.63	/	/	<=38.45	Pass
		Edge_1RB_Right	21.27	/	/	20.42	/	/	<=38.45	Pass
		Outer_Full	21.34	/	/	20.49	/	/	<=38.45	Pass
		Inner_Full	22.35	/	/	21.50	/	/	<=38.45	Pass
		Inner_1RB_Left	22.44	/	/	21.59	/	/	<=38.45	Pass
		Inner_1RB_Right	22.10	/	/	21.25	/	/	<=38.45	Pass
	839	Edge_1RB_Left	21.56	/	/	20.71	/	/	<=38.45	Pass
		Edge_1RB_Right	21.14	/	/	20.29	/	/	<=38.45	Pass
		Outer_Full	21.24	/	/	20.39	/	/	<=38.45	Pass
		Inner_Full	22.29	/	/	21.44	/	/	<=38.45	Pass
		Inner_1RB_Left	22.49	/	/	21.64	/	/	<=38.45	Pass
		Inner_1RB_Right	21.98	/	/	21.13	/	/	<=38.45	Pass
CP-OFDM 64 QAM	834	Edge_1RB_Left	20.92	/	/	20.07	/	/	<=38.45	Pass

		Edge_1RB_Right	20.76	/	/	19.91	/	/	<=38.45	Pass
		Outer_Full	20.98	/	/	20.13	/	/	<=38.45	Pass
		Inner_Full	21.01	/	/	20.16	/	/	<=38.45	Pass
		Inner_1RB_Left	20.99	/	/	20.14	/	/	<=38.45	Pass
		Inner_1RB_Right	20.71	/	/	19.86	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.16	/	/	20.31	/	/	<=38.45	Pass
		Edge_1RB_Right	20.77	/	/	19.92	/	/	<=38.45	Pass
		Outer_Full	20.99	/	/	20.14	/	/	<=38.45	Pass
		Inner_Full	21.01	/	/	20.16	/	/	<=38.45	Pass
		Inner_1RB_Left	21.11	/	/	20.26	/	/	<=38.45	Pass
		Inner_1RB_Right	20.68	/	/	19.83	/	/	<=38.45	Pass
	839	Edge_1RB_Left	21.18	/	/	20.33	/	/	<=38.45	Pass
		Edge_1RB_Right	20.68	/	/	19.83	/	/	<=38.45	Pass
		Outer_Full	20.82	/	/	19.97	/	/	<=38.45	Pass
		Inner_Full	20.91	/	/	20.06	/	/	<=38.45	Pass
		Inner_1RB_Left	21.21	/	/	20.36	/	/	<=38.45	Pass
		Inner_1RB_Right	20.64	/	/	19.79	/	/	<=38.45	Pass
CP-OFDM 256 QAM	834	Edge_1RB_Left	17.94	/	/	17.09	/	/	<=38.45	Pass
		Edge_1RB_Right	17.70	/	/	16.85	/	/	<=38.45	Pass
		Outer_Full	17.94	/	/	17.09	/	/	<=38.45	Pass
		Inner_Full	18.01	/	/	17.16	/	/	<=38.45	Pass
		Inner_1RB_Left	18.02	/	/	17.17	/	/	<=38.45	Pass
		Inner_1RB_Right	17.69	/	/	16.84	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	18.15	/	/	17.30	/	/	<=38.45	Pass
		Edge_1RB_Right	17.74	/	/	16.89	/	/	<=38.45	Pass
		Outer_Full	17.95	/	/	17.10	/	/	<=38.45	Pass
		Inner_Full	17.98	/	/	17.13	/	/	<=38.45	Pass
		Inner_1RB_Left	18.12	/	/	17.27	/	/	<=38.45	Pass
		Inner_1RB_Right	17.65	/	/	16.80	/	/	<=38.45	Pass
	839	Edge_1RB_Left	18.22	/	/	17.37	/	/	<=38.45	Pass
		Edge_1RB_Right	17.66	/	/	16.81	/	/	<=38.45	Pass
		Outer_Full	17.82	/	/	16.97	/	/	<=38.45	Pass
		Inner_Full	17.86	/	/	17.01	/	/	<=38.45	Pass
		Inner_1RB_Left	18.18	/	/	17.33	/	/	<=38.45	Pass
		Inner_1RB_Right	17.60	/	/	16.75	/	/	<=38.45	Pass

Note1: Antenna Gain: Ant1: 1.30dBi;
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	-6.80	-0.0081	>=-2.5 & <=2.5	Pass
				HV	-7.20	-0.0086	>=-2.5 & <=2.5	Pass
			-30	NV	-8.30	-0.0099	>=-2.5 & <=2.5	Pass
			-20	NV	-6.50	-0.0078	>=-2.5 & <=2.5	Pass
			-10	NV	-7.90	-0.0094	>=-2.5 & <=2.5	Pass
			0	NV	-6.90	-0.0082	>=-2.5 & <=2.5	Pass
			10	NV	-9.70	-0.0116	>=-2.5 & <=2.5	Pass
			20	NV	-7.90	-0.0094	>=-2.5 & <=2.5	Pass
			30	NV	-8.20	-0.0098	>=-2.5 & <=2.5	Pass
			40	NV	-7.00	-0.0084	>=-2.5 & <=2.5	Pass
			50	NV	-5.20	-0.0062	>=-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 NTNV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	836.5	Outer_Full	4.54	4.99	/	Pass
DFT-s-OFDM QPSK	836.5	Outer_Full	4.56	5.24	/	Pass
DFT-s-OFDM 16 QAM	836.5	Outer_Full	4.54	4.98	/	Pass
DFT-s-OFDM 64 QAM	836.5	Outer_Full	4.56	4.99	/	Pass
DFT-s-OFDM 256 QAM	836.5	Outer_Full	4.53	4.98	/	Pass
CP-OFDM QPSK	836.5	Outer_Full	4.51	5.00	/	Pass
CP-OFDM 16 QAM	836.5	Outer_Full	4.53	5.00	/	Pass
CP-OFDM 64 QAM	836.5	Outer_Full	4.54	5.04	/	Pass
CP-OFDM 256 QAM	836.5	Outer_Full	4.51	4.98	/	Pass

3.1.2 15k_SISO_10MHz_NTNV

5G NR n5 SCS=15kHz SISO 10MHz NTNV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	836.5	Outer_Full	9.08	9.75	/	Pass
DFT-s-OFDM QPSK	836.5	Outer_Full	9.01	9.67	/	Pass
DFT-s-OFDM 16 QAM	836.5	Outer_Full	9.00	10.53	/	Pass
DFT-s-OFDM 64 QAM	836.5	Outer_Full	9.04	9.73	/	Pass
DFT-s-OFDM 256 QAM	836.5	Outer_Full	9.00	9.67	/	Pass
CP-OFDM QPSK	836.5	Outer_Full	9.31	10.55	/	Pass
CP-OFDM 16 QAM	836.5	Outer_Full	9.35	10.07	/	Pass

CP-OFDM 64 QAM	836.5	Outer_Full	9.35	10.05	/	Pass
CP-OFDM 256 QAM	836.5	Outer_Full	9.37	11.11	/	Pass

3.1.3 15k_SISO_15MHz_NTNV

5G NR n5 SCS=15kHz SISO 15MHz NTNV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	836.5	Outer_Full	13.57	14.55	/	Pass
DFT-s-OFDM QPSK	836.5	Outer_Full	13.56	15.30	/	Pass
DFT-s-OFDM 16 QAM	836.5	Outer_Full	13.54	16.54	/	Pass
DFT-s-OFDM 64 QAM	836.5	Outer_Full	13.54	14.59	/	Pass
DFT-s-OFDM 256 QAM	836.5	Outer_Full	13.52	14.55	/	Pass
CP-OFDM QPSK	836.5	Outer_Full	14.16	15.21	/	Pass
CP-OFDM 16 QAM	836.5	Outer_Full	14.22	15.24	/	Pass
CP-OFDM 64 QAM	836.5	Outer_Full	14.23	16.79	/	Pass
CP-OFDM 256 QAM	836.5	Outer_Full	14.21	15.22	/	Pass

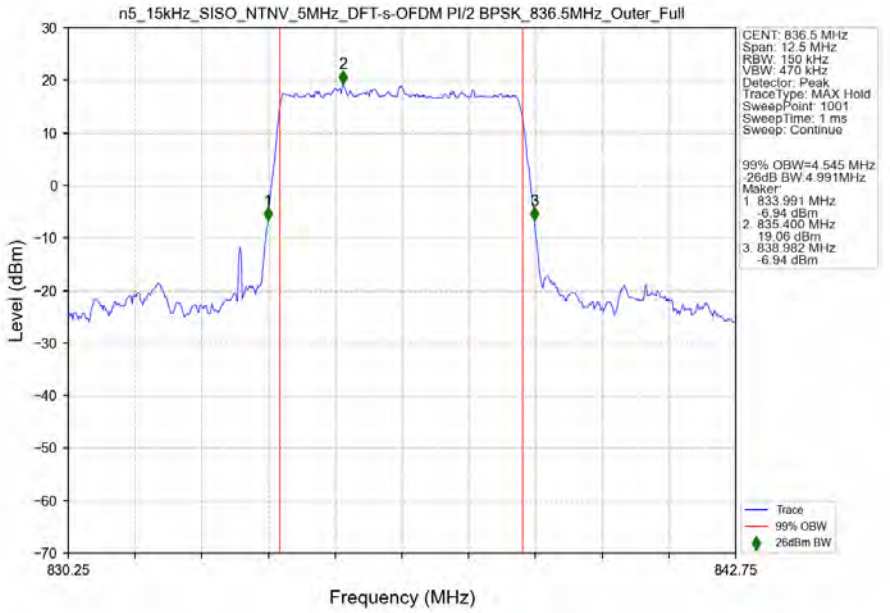
3.1.4 15k_SISO_20MHz_NTNV

5G NR n5 SCS=15kHz SISO 20MHz NTNV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	836.5	Outer_Full	18.10	19.39	/	Pass
DFT-s-OFDM QPSK	836.5	Outer_Full	18.05	19.39	/	Pass
DFT-s-OFDM 16 QAM	836.5	Outer_Full	18.01	19.39	/	Pass
DFT-s-OFDM 64 QAM	836.5	Outer_Full	18.09	19.37	/	Pass
DFT-s-OFDM 256 QAM	836.5	Outer_Full	18.00	19.33	/	Pass
CP-OFDM QPSK	836.5	Outer_Full	19.08	20.45	/	Pass
CP-OFDM 16 QAM	836.5	Outer_Full	19.04	20.50	/	Pass
CP-OFDM 64 QAM	836.5	Outer_Full	19.11	20.44	/	Pass
CP-OFDM 256 QAM	836.5	Outer_Full	19.00	20.46	/	Pass

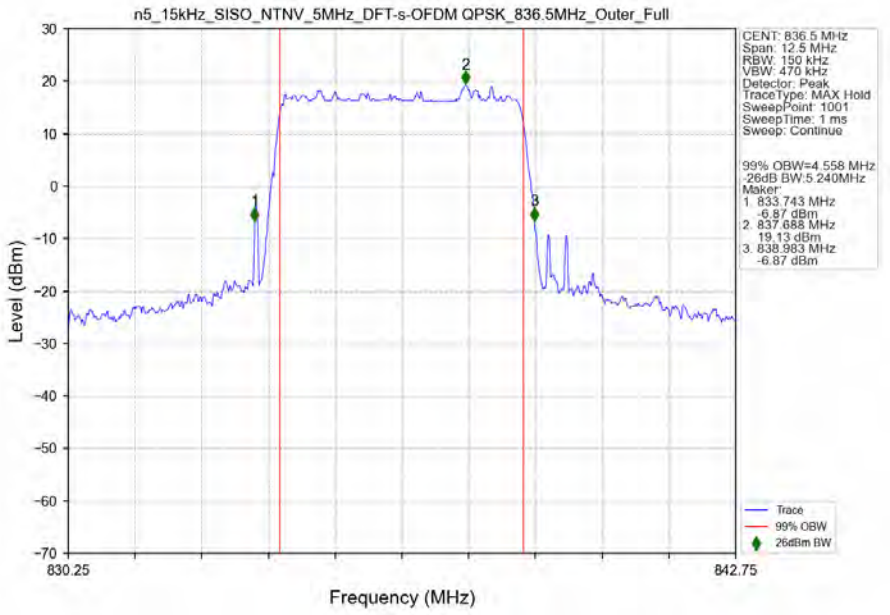
3.2 Test Graph

3.2.1 15k_SISO_5MHz_NTNV

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_836.5MHz_Outer_Full_Ant1

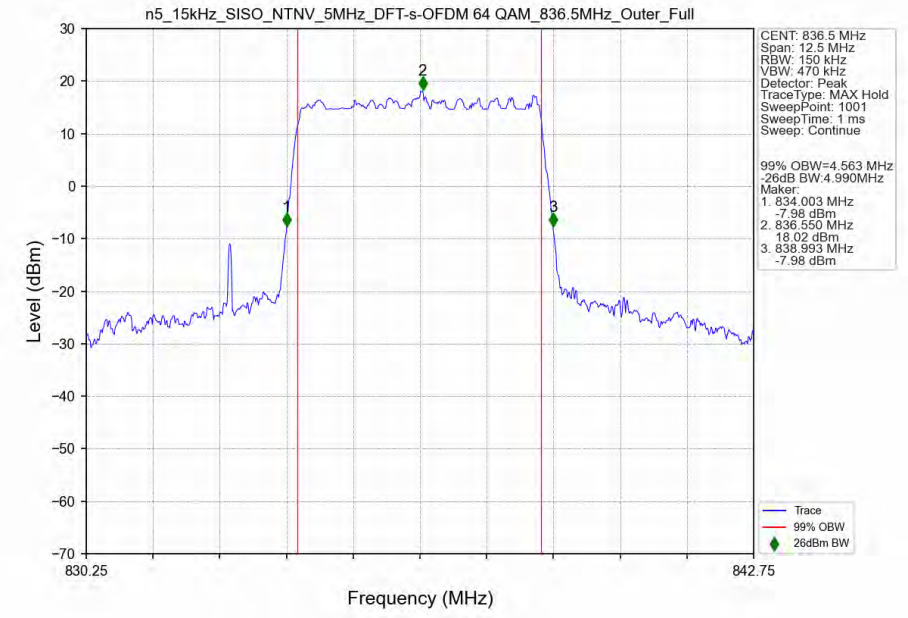


n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_836.5MHz_Outer_Full_Ant1

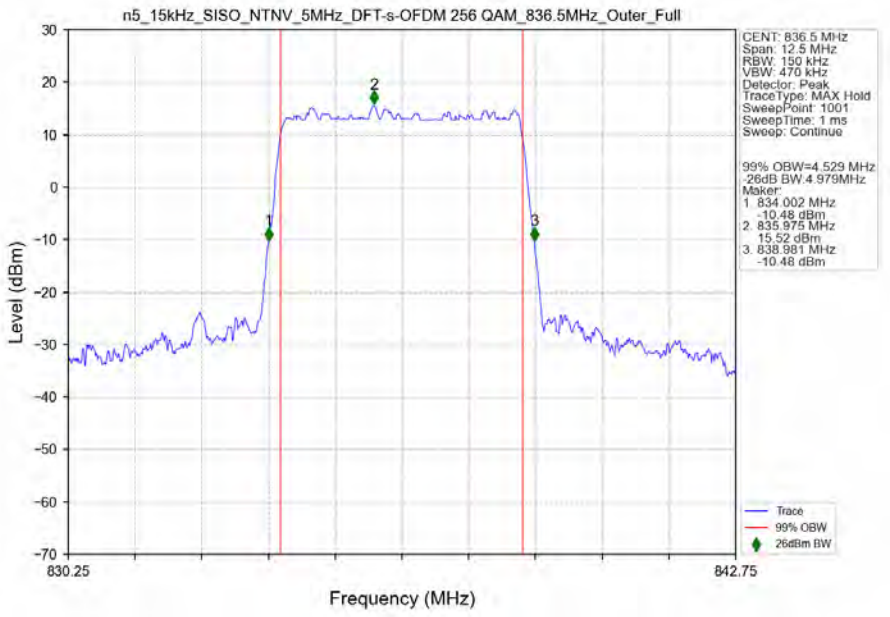


n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 16 QAM_836.5MHz_Outer_Full_Ant1

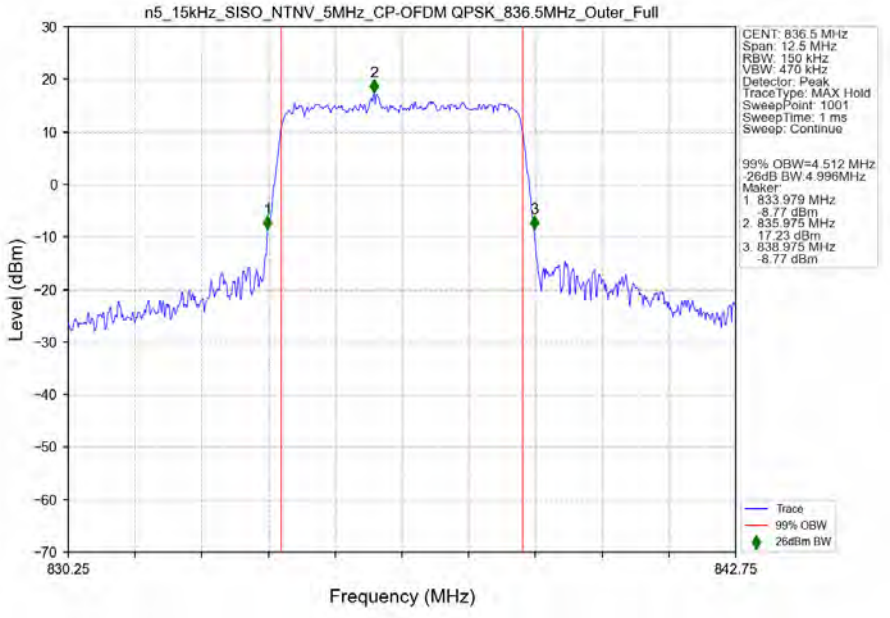
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 64 QAM_836.5MHz_Outer_Full_Ant1



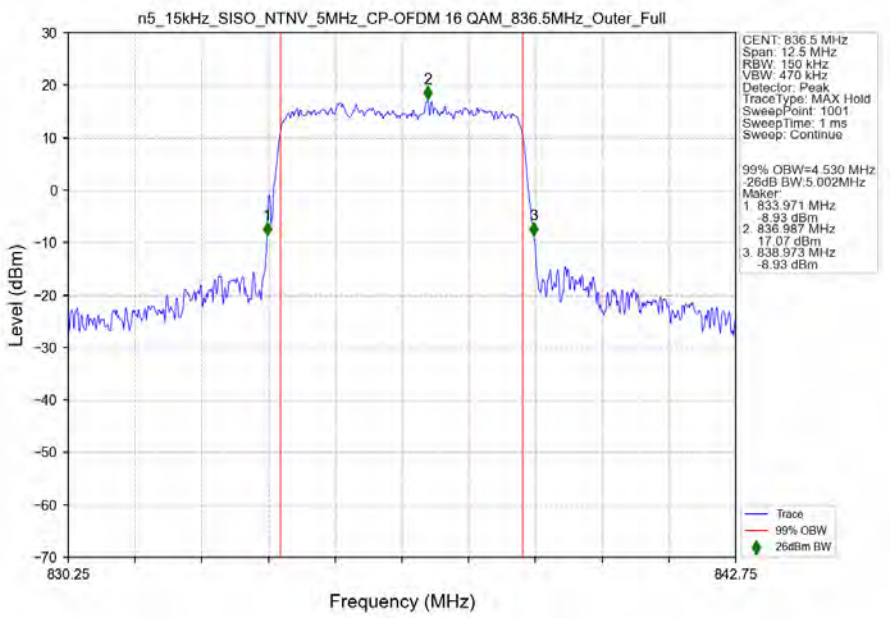
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 256 QAM_836.5MHz_Outer_Full_Ant1



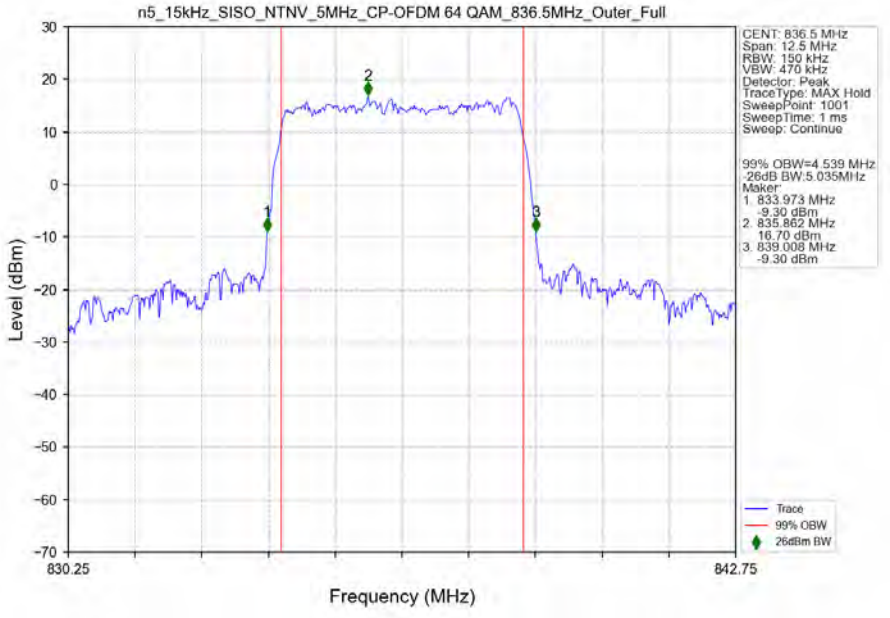
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_836.5MHz_Outer_Full_Ant1



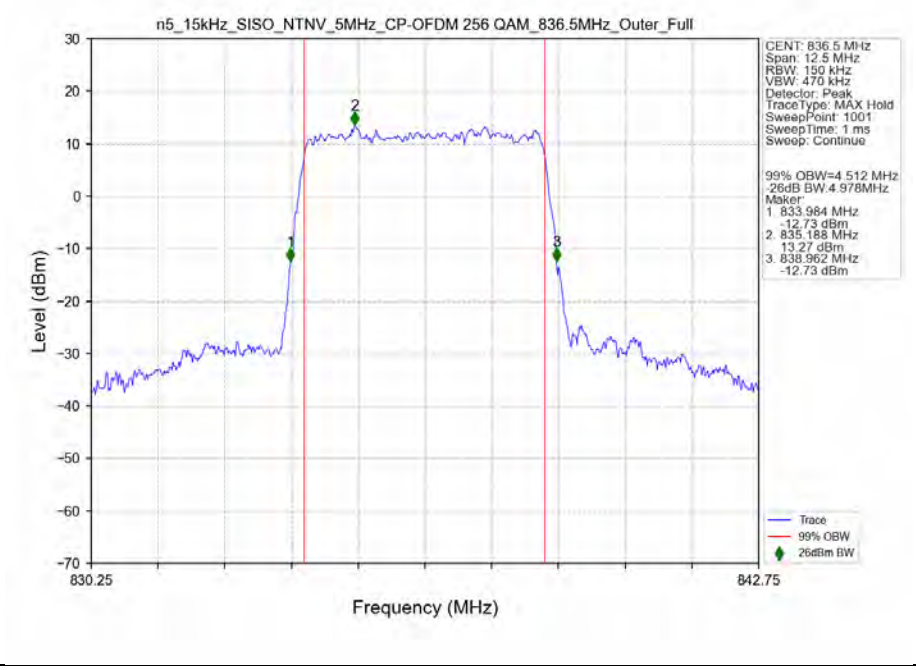
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM 16 QAM_836.5MHz_Outer_Full_Ant1



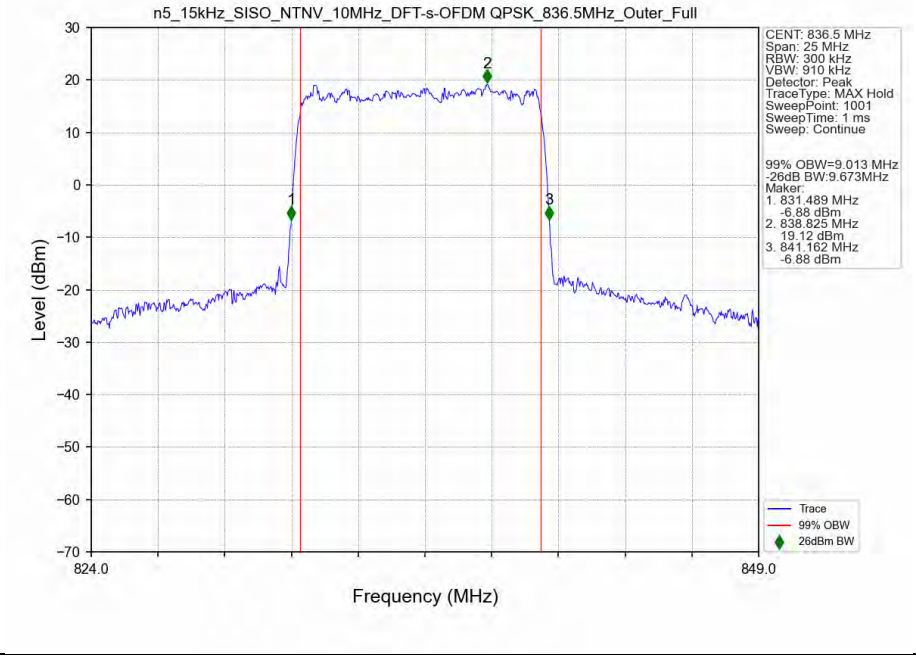
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM 64 QAM_836.5MHz_Outer_Full_Ant1



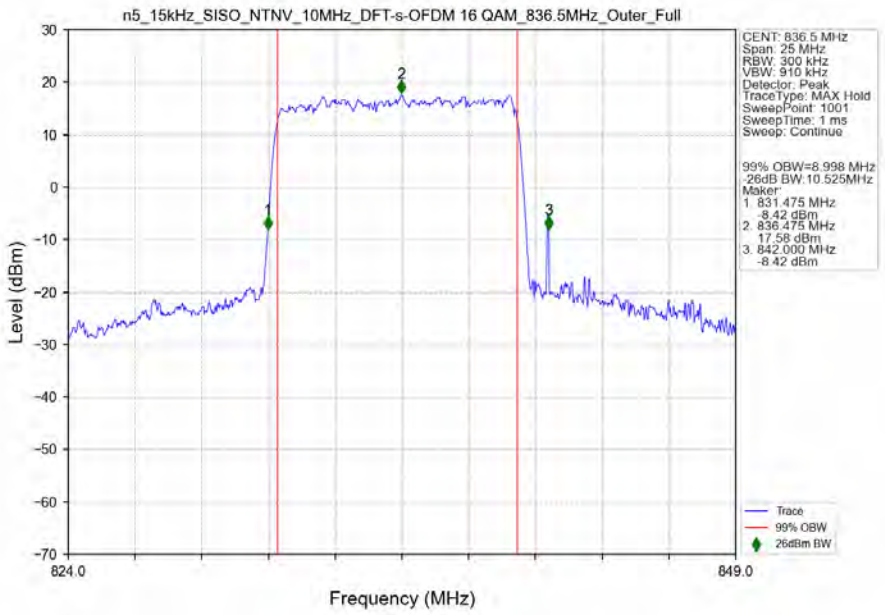
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM 256 QAM_836.5MHz_Outer_Full_Ant1



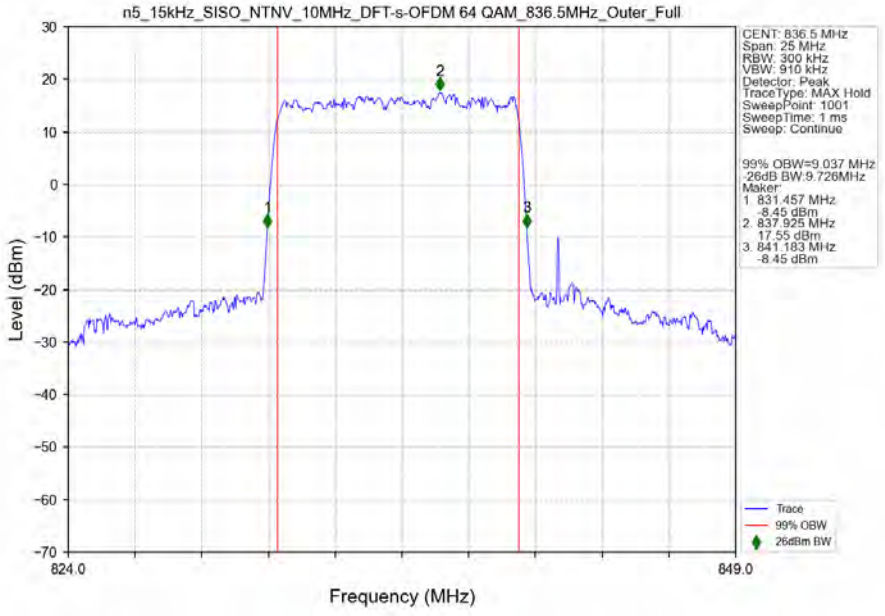
3.2.2 15k_SISO_10MHz_NTNV

n5_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_836.5MHz_Outer_Full_Ant1
n5_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_836.5MHz_Outer_Full_Ant1


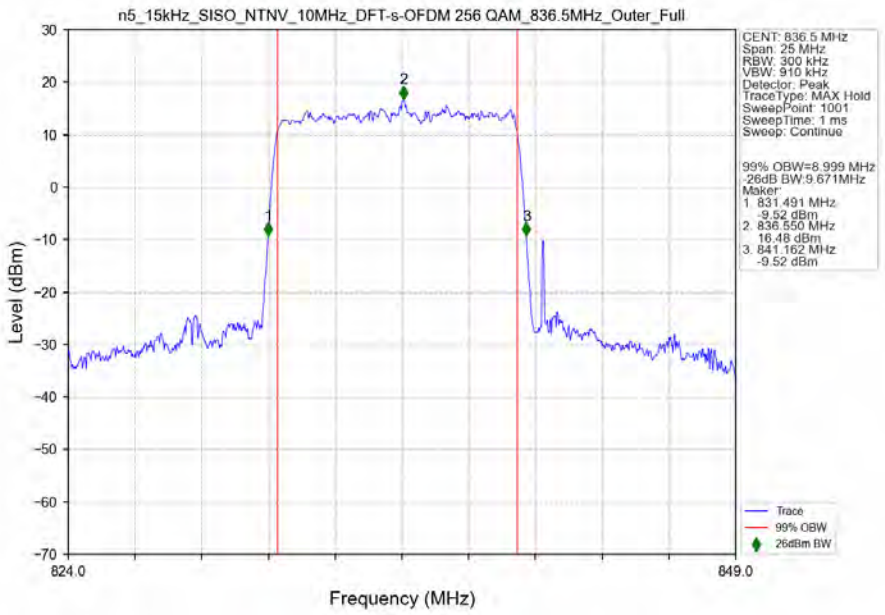
n5_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 16 QAM_836.5MHz_Outer_Full_Ant1



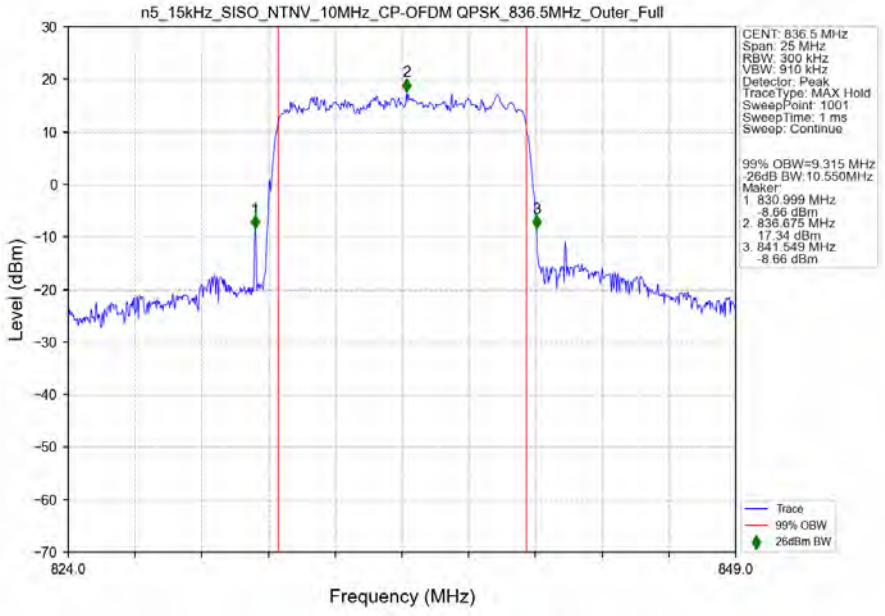
n5_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 64 QAM_836.5MHz_Outer_Full_Ant1



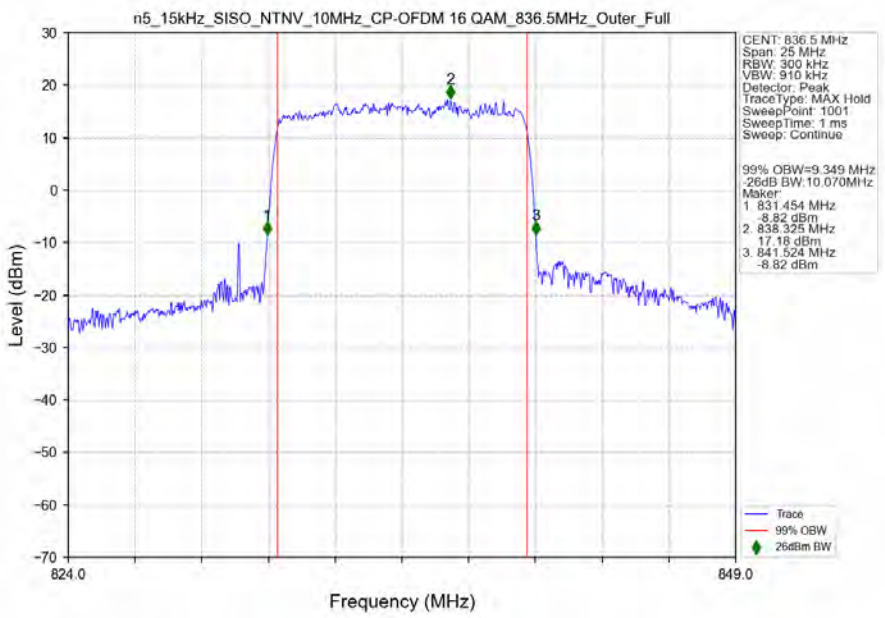
n5_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 256 QAM_836.5MHz_Outer_Full_Ant1



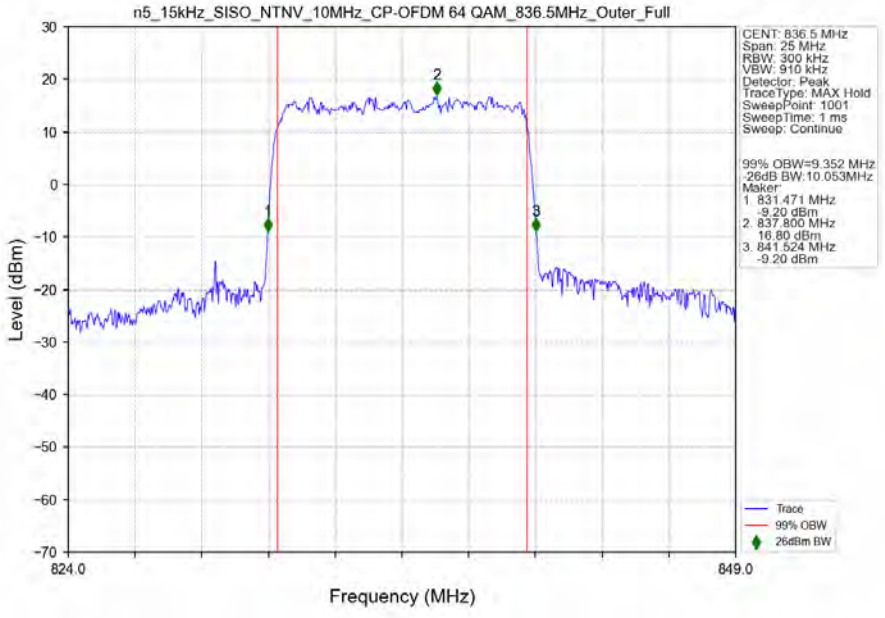
n5_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_836.5MHz_Outer_Full_Ant1



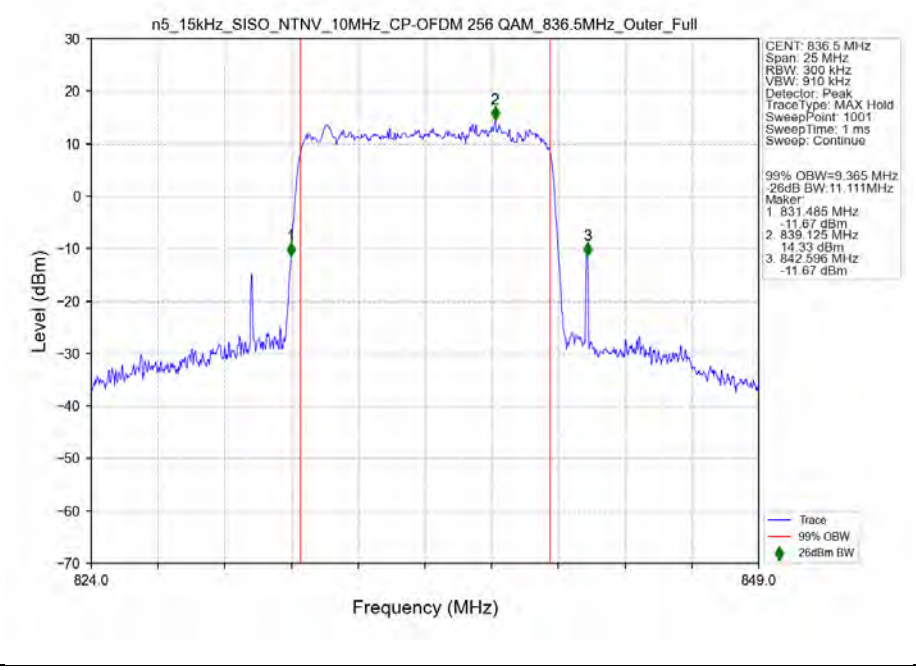
n5_15kHz_SISO_NTNV_10MHz_CP-OFDM 16 QAM_836.5MHz_Outer_Full_Ant1



n5_15kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM_836.5MHz_Outer_Full_Ant1

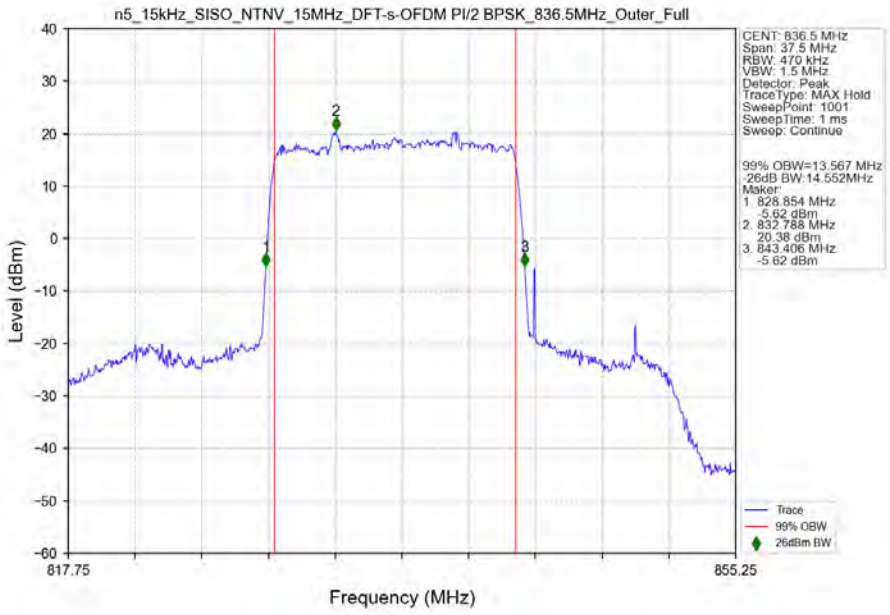


n5_15kHz_SISO_NTNV_10MHz_CP-OFDM 256 QAM_836.5MHz_Outer_Full_Ant1

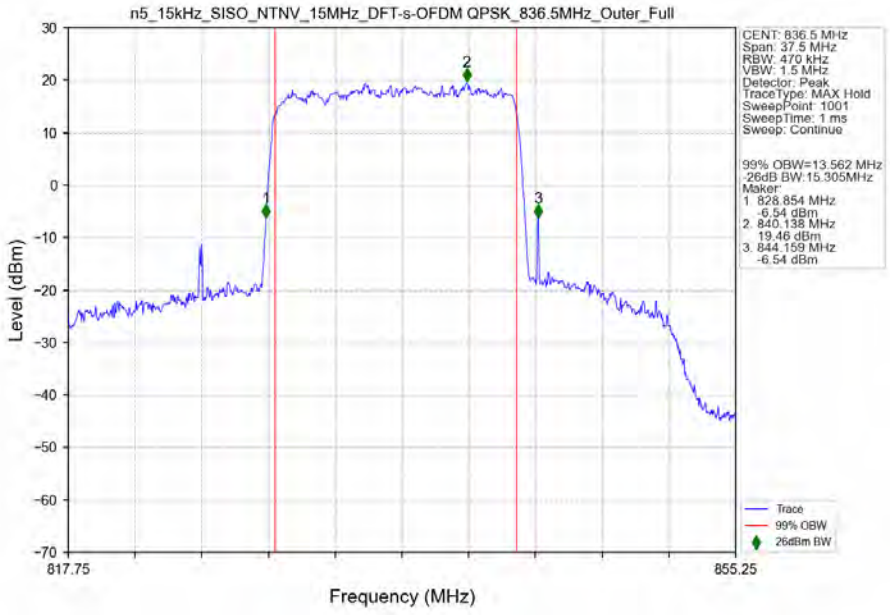


3.2.3 15k_SISO_15MHz_NTNV

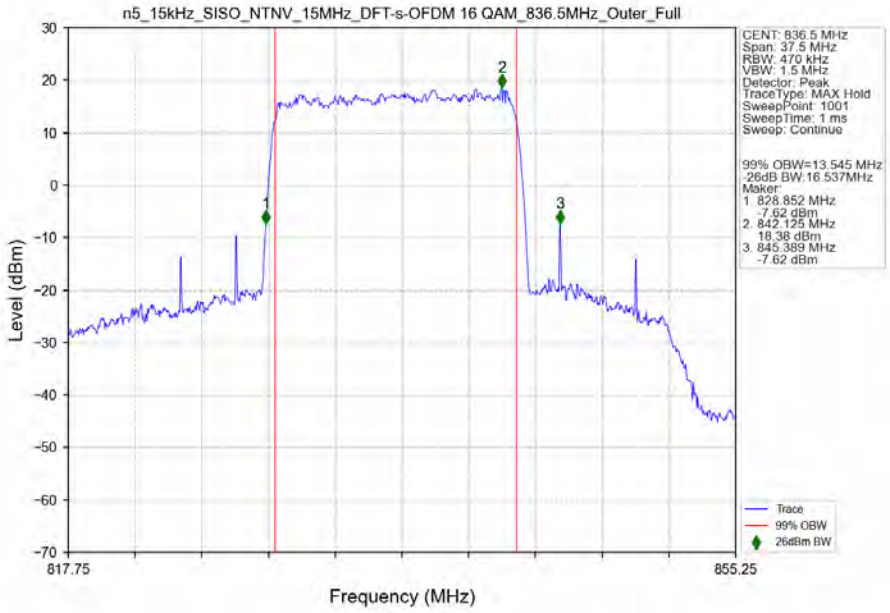
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_836.5MHz_Outer_Full_Ant1



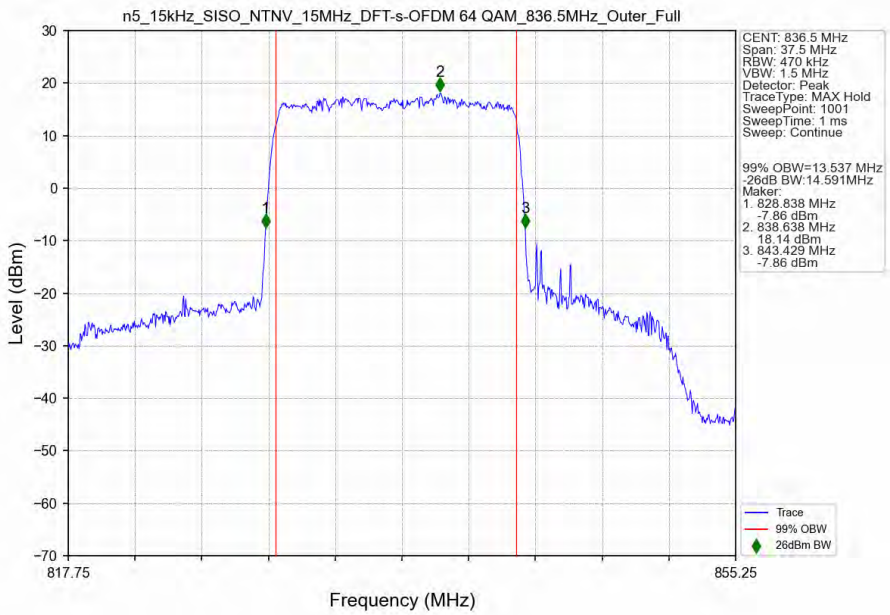
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_836.5MHz_Outer_Full_Ant1



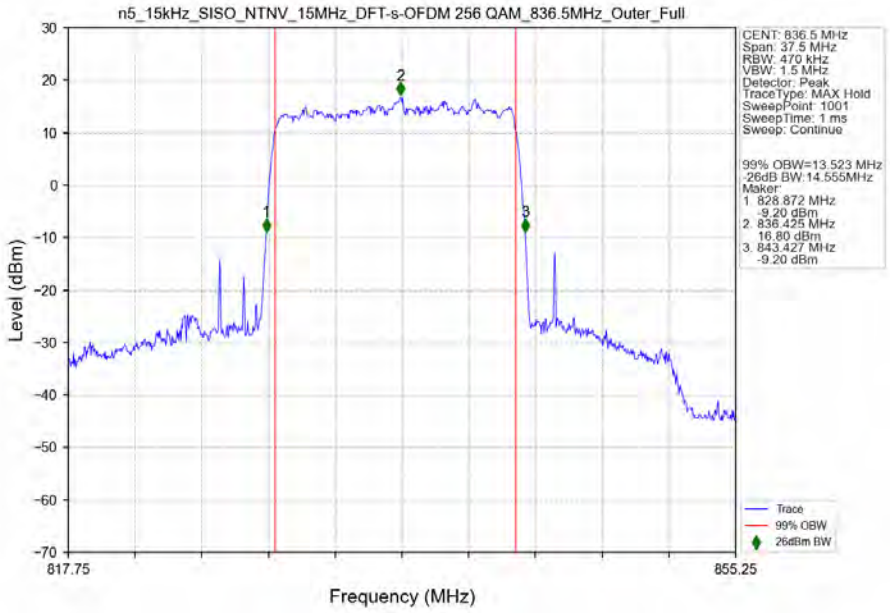
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 16 QAM_836.5MHz_Outer_Full_Ant1



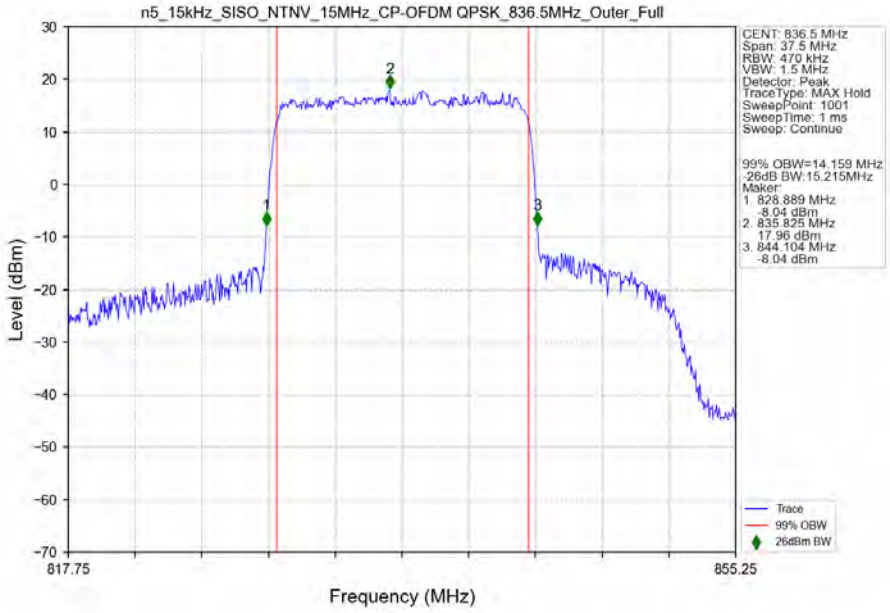
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 64 QAM_836.5MHz_Outer_Full_Ant1



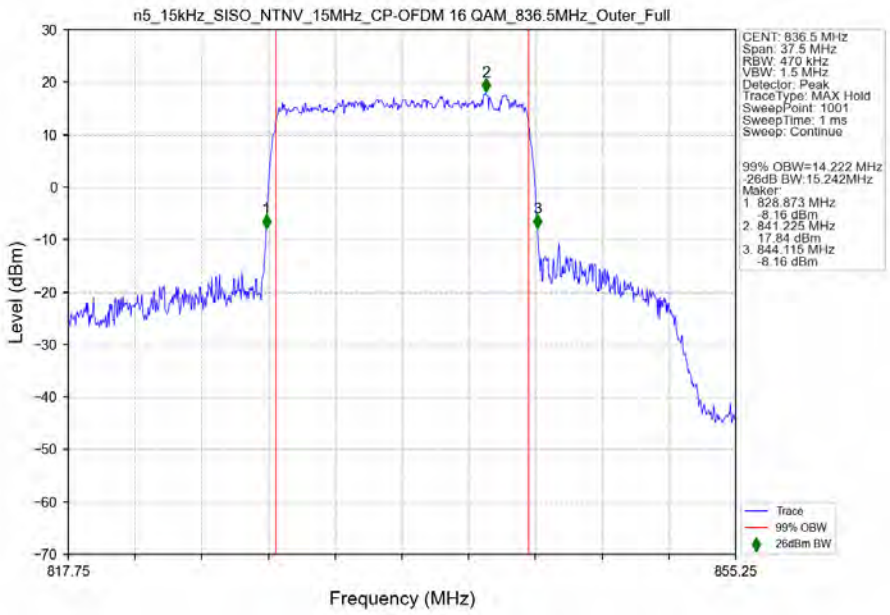
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 256 QAM_836.5MHz_Outer_Full_Ant1



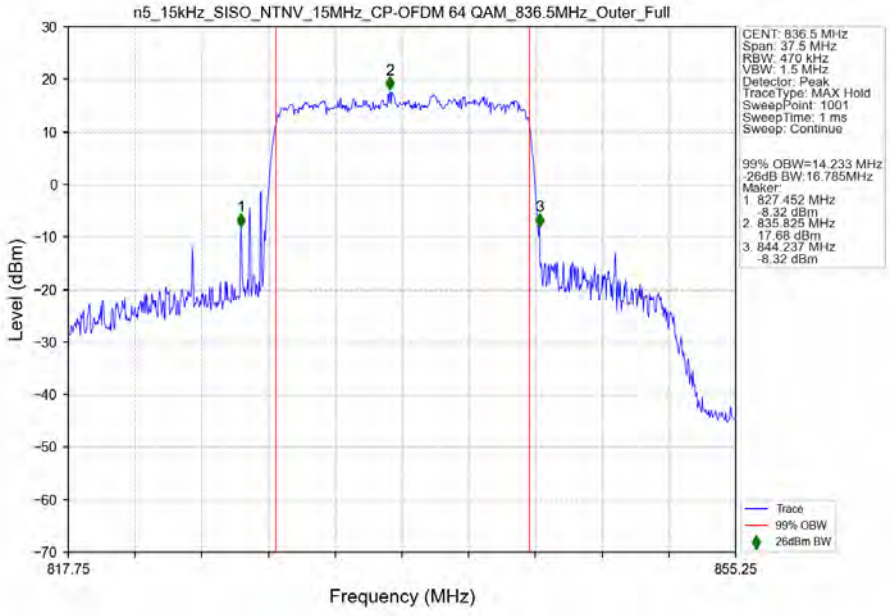
n5_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_836.5MHz_Outer_Full_Ant1



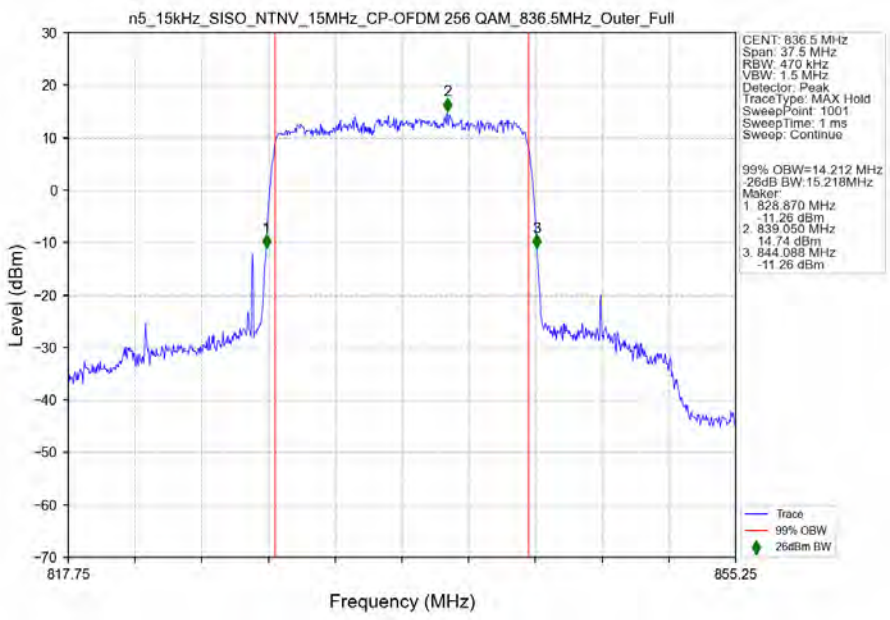
n5_15kHz_SISO_NTNV_15MHz_CP-OFDM 16 QAM_836.5MHz_Outer_Full_Ant1



n5_15kHz_SISO_NTNV_15MHz_CP-OFDM 64 QAM_836.5MHz_Outer_Full_Ant1

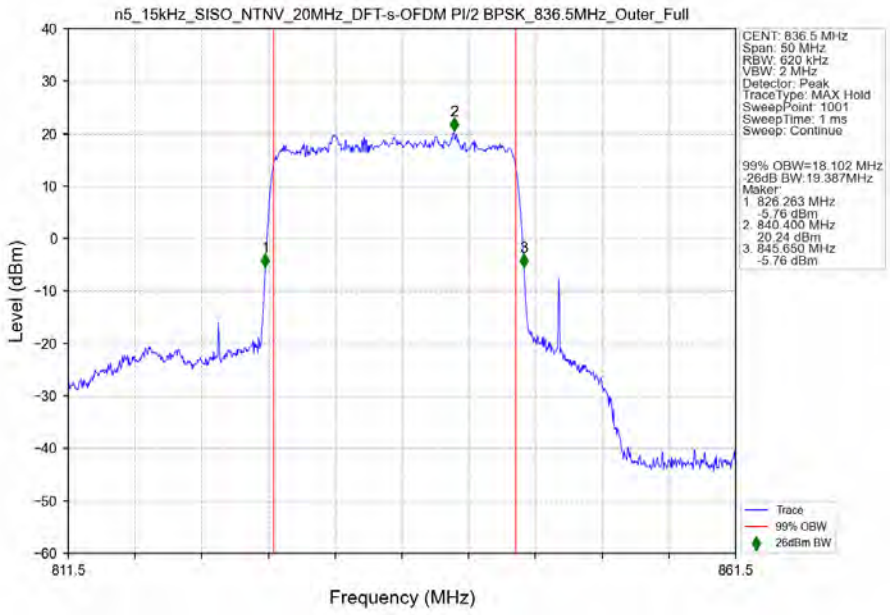


n5_15kHz_SISO_NTNV_15MHz_CP-OFDM 256 QAM_836.5MHz_Outer_Full_Ant1

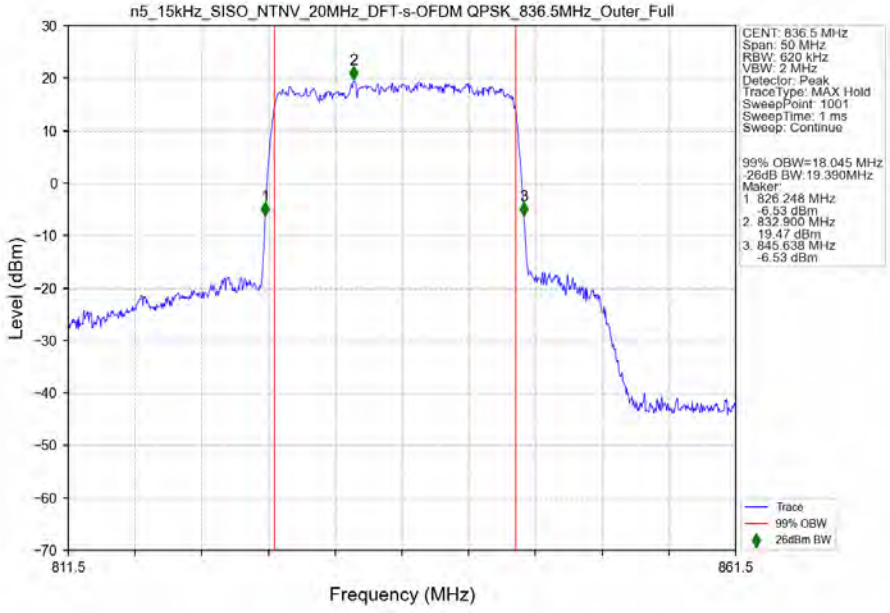


3.2.4 15k_SISO_20MHz_NTNV

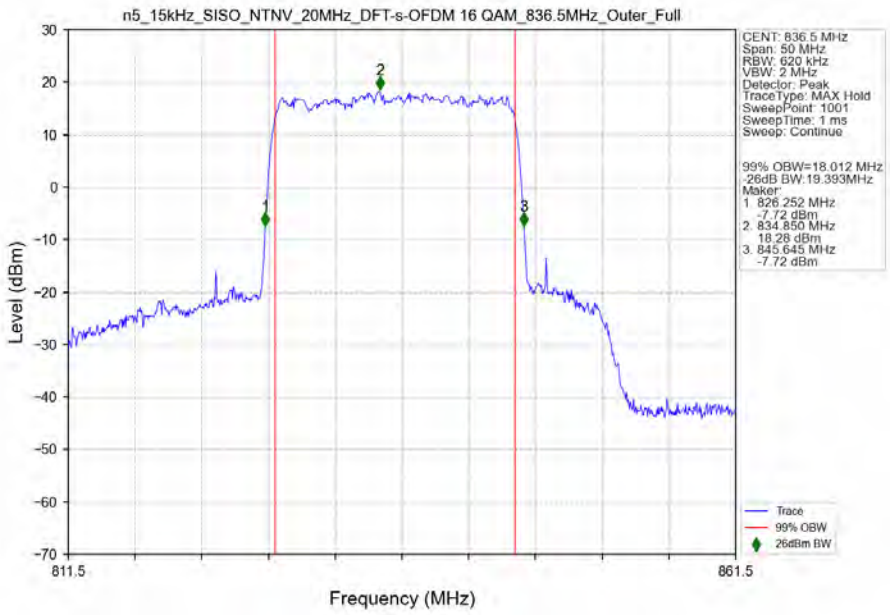
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_836.5MHz_Outer_Full_Ant1



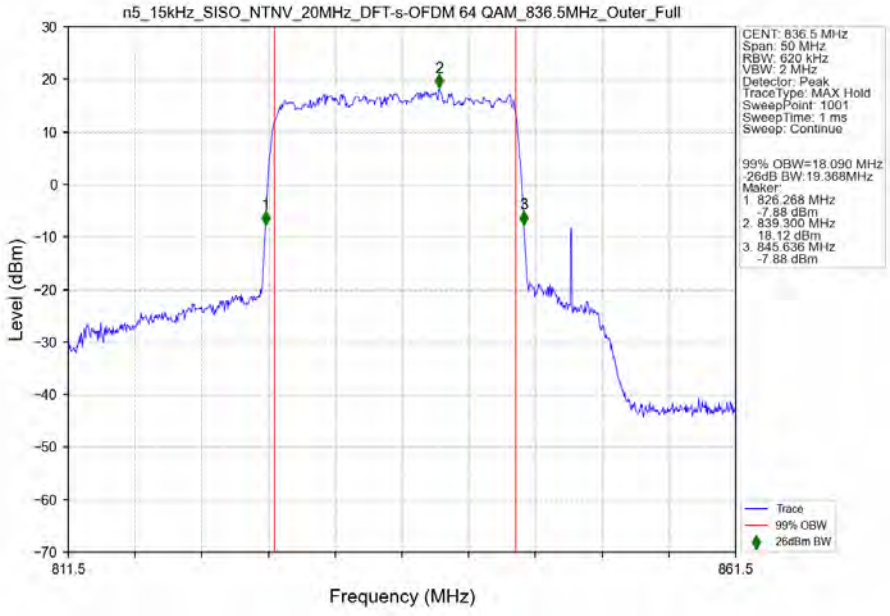
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_836.5MHz_Outer_Full_Ant1



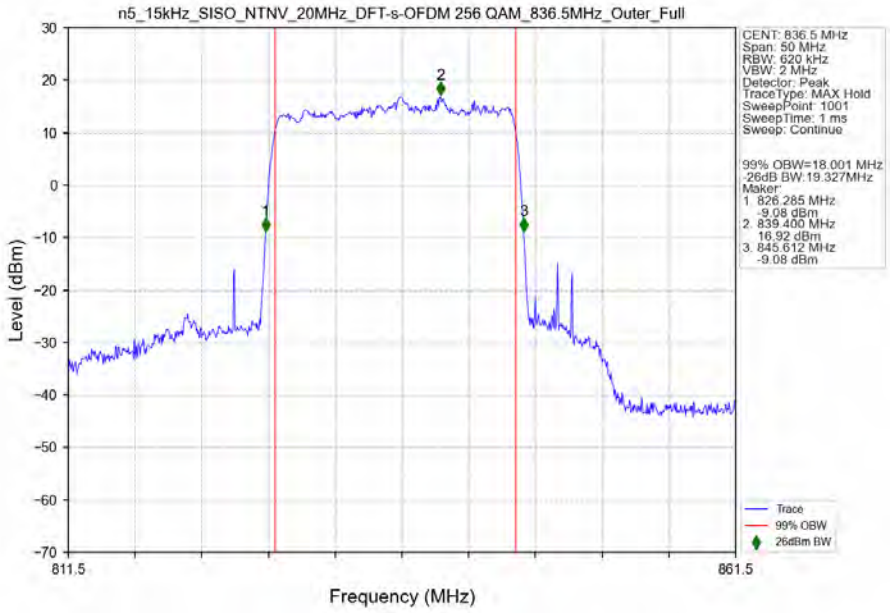
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 16 QAM_836.5MHz_Outer_Full_Ant1



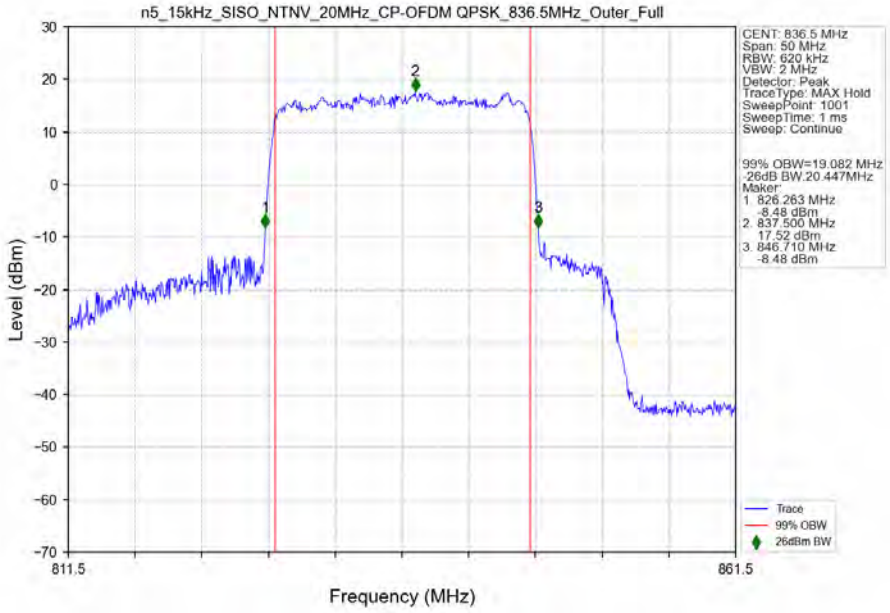
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 64 QAM_836.5MHz_Outer_Full_Ant1



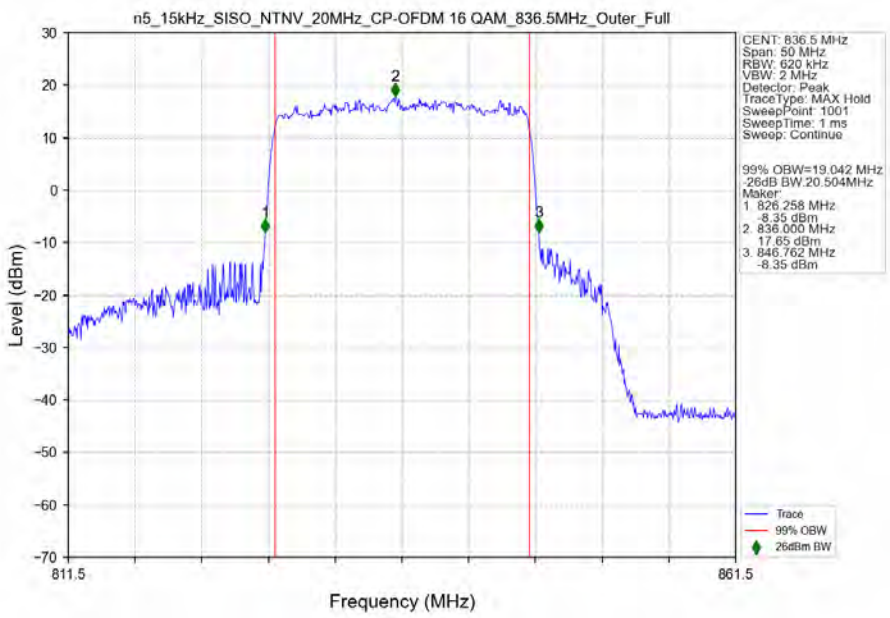
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 256 QAM_836.5MHz_Outer_Full_Ant1



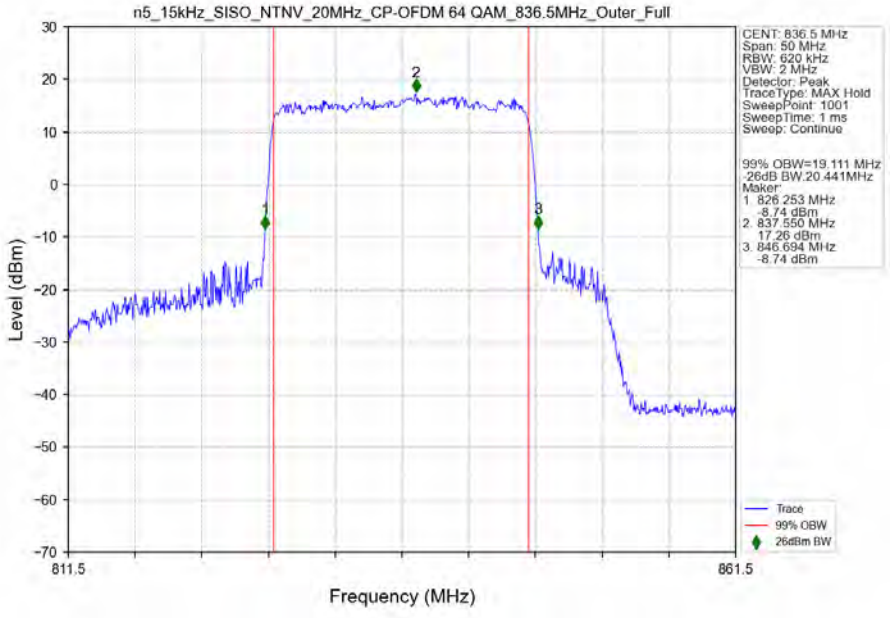
n5_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_836.5MHz_Outer_Full_Ant1



n5_15kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM_836.5MHz_Outer_Full_Ant1



n5_15kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM_836.5MHz_Outer_Full_Ant1



n5_15kHz_SISO_NTNV_20MHz_CP-OFDM 256 QAM_836.5MHz_Outer_Full_Ant1

4. Peak-Average Ratio

4.1 Test Result

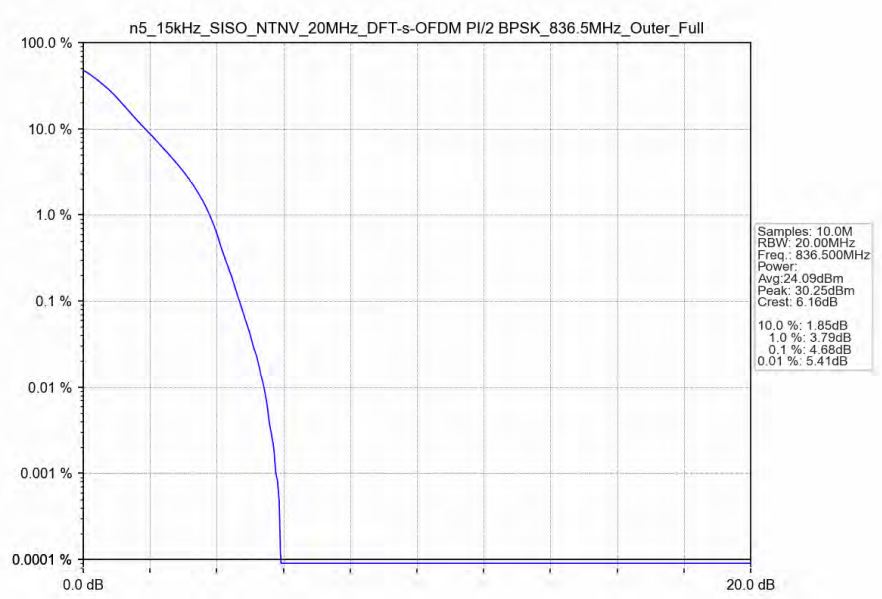
4.1.1 15k_SISO_20MHz_NTNV

5G NR n5 SCS=15kHz SISO 20MHz NTNV							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	836.5	Outer_Full	4.68	/	/	<=13	Pass
DFT-s-OFDM QPSK	836.5	Outer_Full	5.83	/	/	<=13	Pass
CP-OFDM QPSK	836.5	Outer_Full	8.55	/	/	<=13	Pass

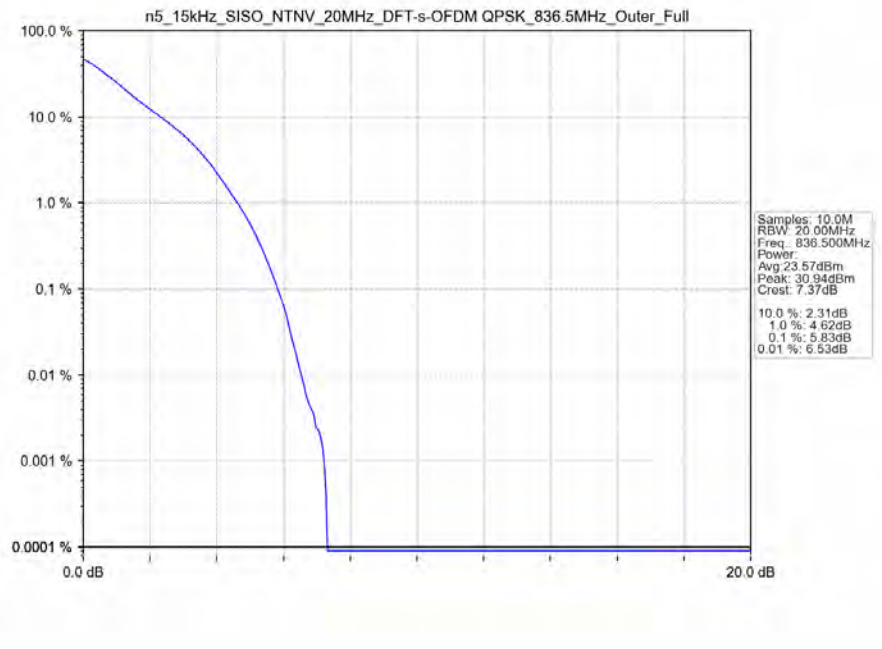
4.2 Test Graph

4.2.1 15k_SISO_20MHz_NTNV

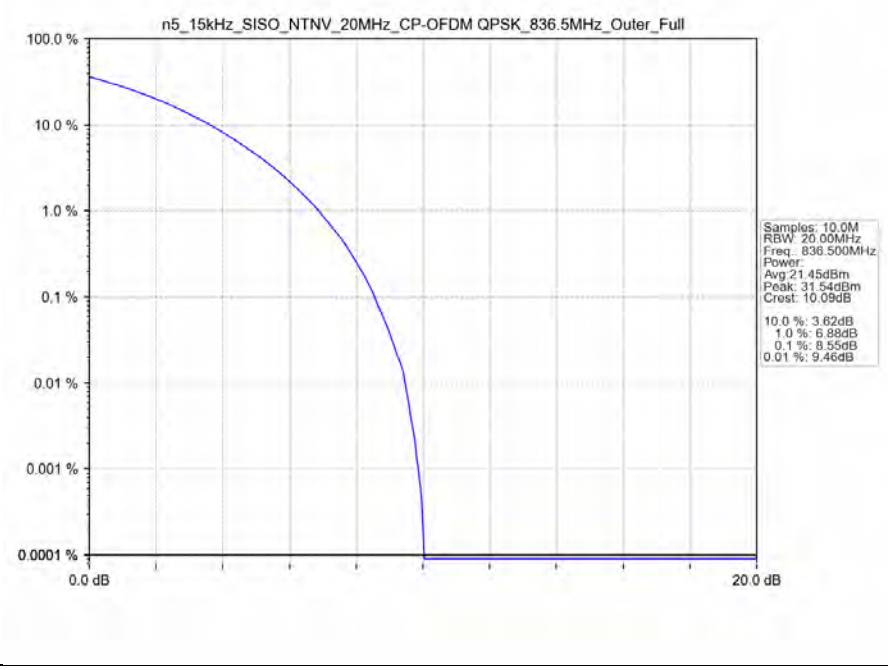
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_836.5MHz_Outer_Full_Ant1



n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_836.5MHz_Outer_Full_Ant1



n5_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_836.5MHz_Outer_Full_Ant1



5. Spurious Emission

5.1 Test Result

5.1.1 15k_SISO_5MHz_NTNV

5G NR n5 SCS=15kHz SISO 5MHz NTNV							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant1	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
	846.5	Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM QPSK	826.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	836.5	Edge_1RB_Left	Refer To Test Graph				Pass
	846.5	Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
CP-OFDM QPSK	826.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	836.5	Edge_1RB_Left	Refer To Test Graph				Pass
	846.5	Edge_1RB_Right	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 NTNV							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant1	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
	841.5	Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM QPSK	831.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	836.5	Edge_1RB_Left	Refer To Test Graph				Pass
	841.5	Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
CP-OFDM QPSK	831.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	836.5	Edge_1RB_Left	Refer To Test Graph				Pass
	841.5	Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass

5.1.3 15k_SISO_20MHz_NTNV

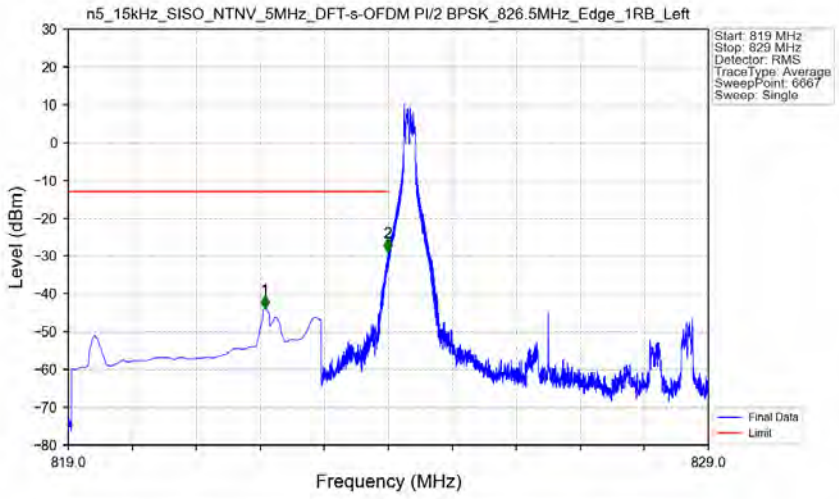
5G NR n5 SCS=15kHz SISO 20MHz NTNV							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	834	Edge_1RB_Left	Refer To Test Graph				Pass

		Outer_Full	Refer To Test Graph	Pass
	836.5	Edge_1RB_Left	Refer To Test Graph	Pass
	839	Edge_1RB_Right	Refer To Test Graph	Pass
		Outer_Full	Refer To Test Graph	Pass
DFT-s-OFDM QPSK	834	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
	839	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
	836.5	Edge_1RB_Left	Refer To Test Graph	Pass
	839	Edge_1RB_Right	Refer To Test Graph	Pass
		Outer_Full	Refer To Test Graph	Pass

5.2 Test Graph

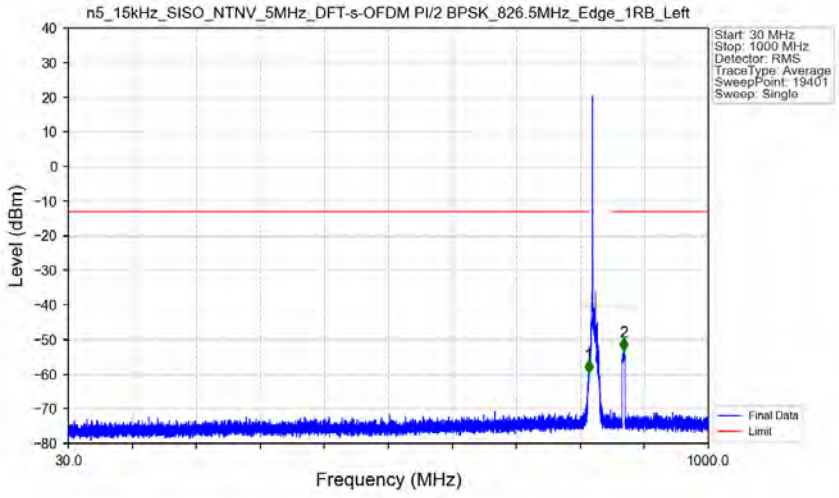
5.2.1 15k_SISO_5MHz_NTNV

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_826.5MHz_Edge_1RB_Left_Ant1



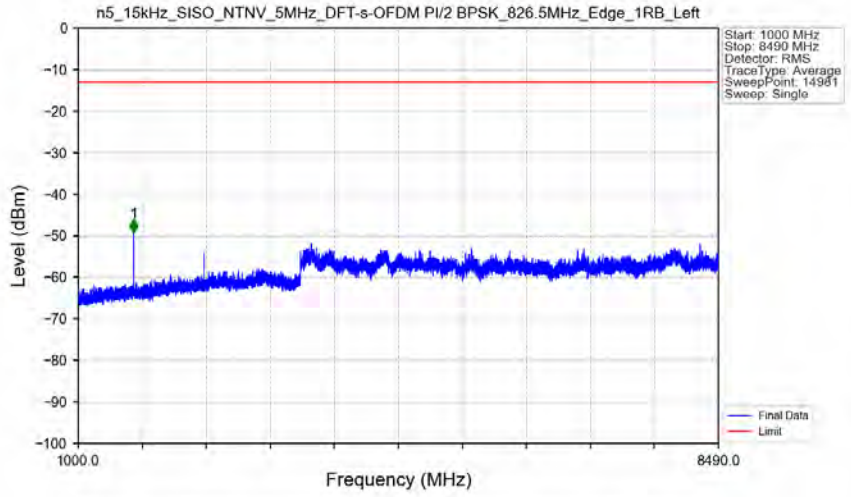
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.074	-43.92	-13	Pass
823	824	0.003	/	2	823.994	-28.94	-13	Pass
824	829	0.003	/	/	/	/	/	/

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_826.5MHz_Edge_1RB_Left_Ant1



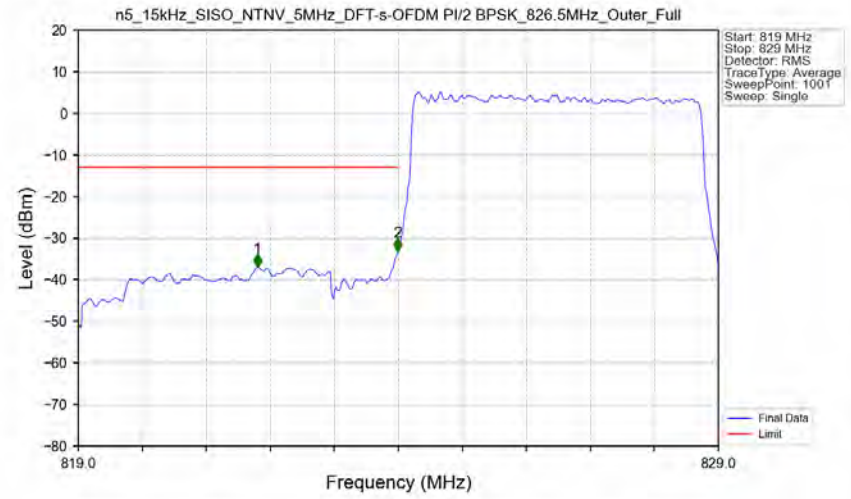
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.600	-59.53	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	871.400	-53.32	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_826.5MHz_Edge_1RB_Left_Ant1



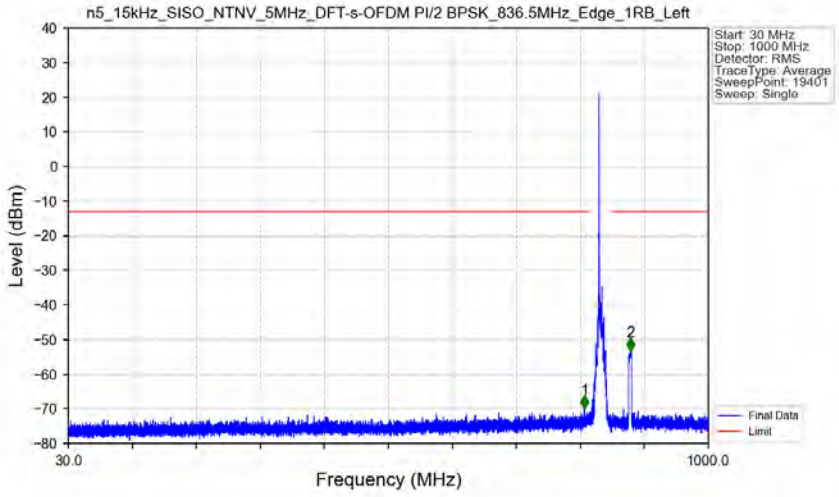
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1648.500	-49.18	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_826.5MHz_Outer_Full_Ant1



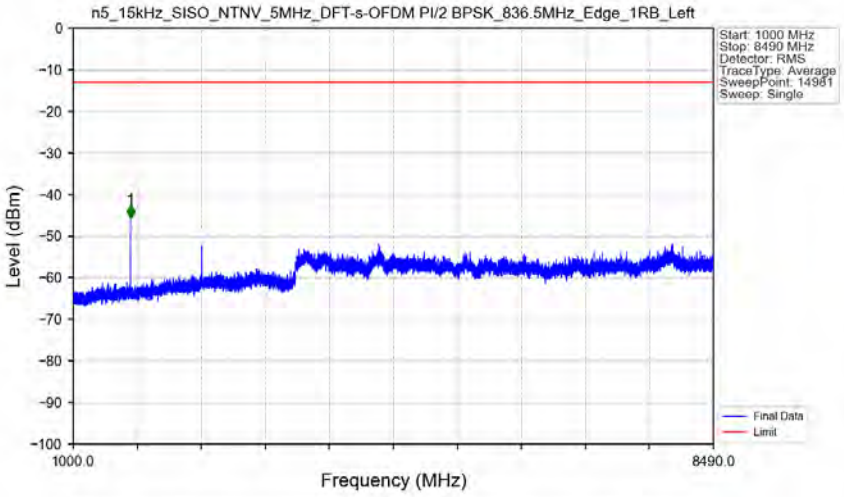
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	821.800	-37.03	-13	Pass
823	824	0.04984	CHP	2	823.990	-33.10	-13	Pass
824	829	0.04984	CHP	/	/	/	/	/

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_836.5MHz_Edge_1RB_Left_Ant1



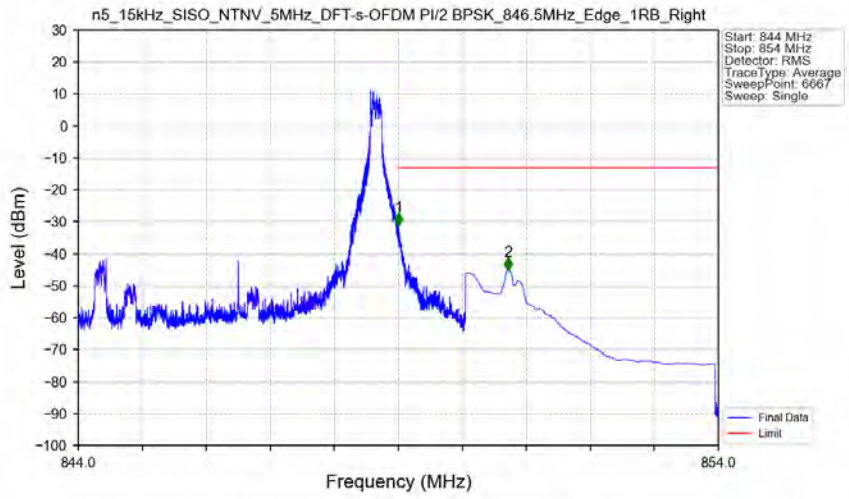
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	812.050	-69.93	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	882.200	-53.33	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_836.5MHz_Edge_1RB_Left_Ant1



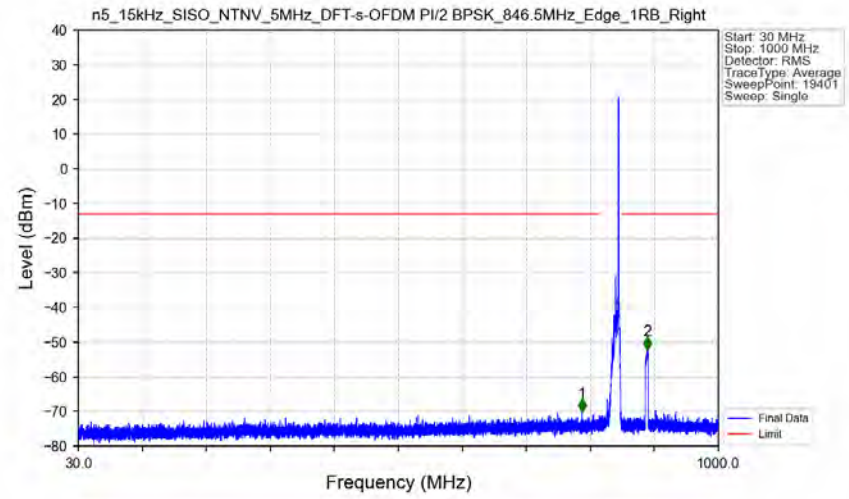
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1668.500	-45.65	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_846.5MHz_Edge_1RB_Right_Ant1



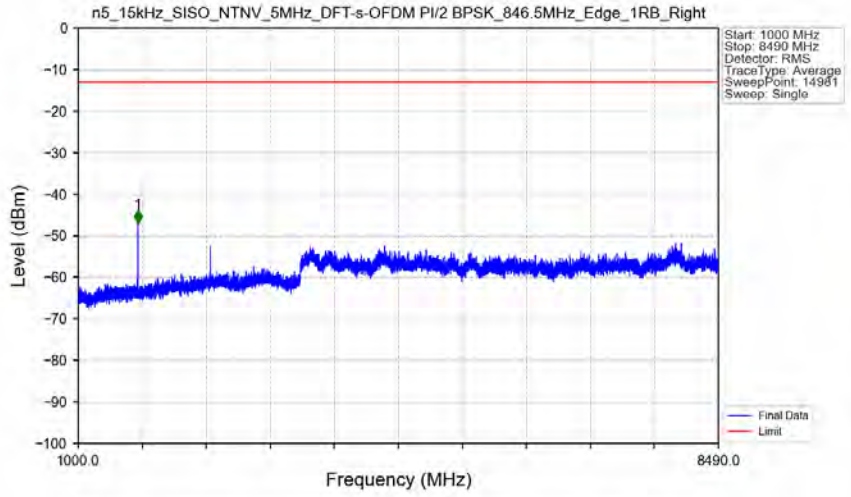
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.005	-31.32	-13	Pass
850	854	0.1	CHP	2	850.716	-45.15	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_846.5MHz_Edge_1RB_Right_Ant1



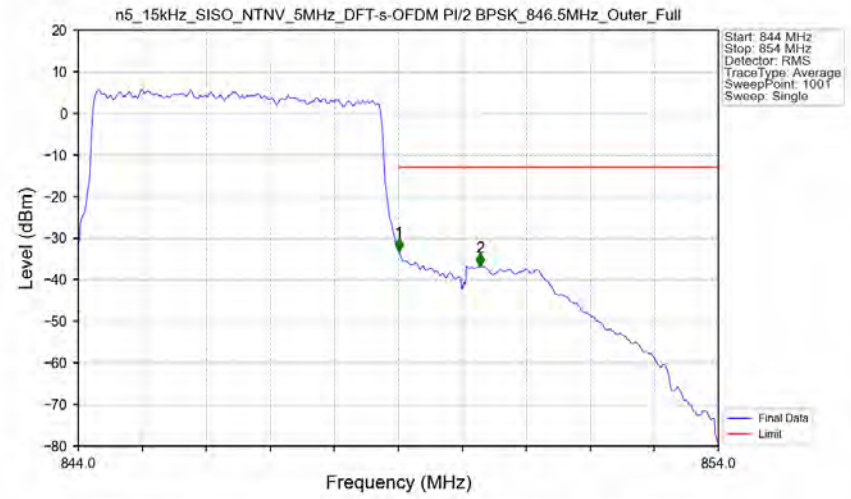
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	793.200	-70.10	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	892.300	-52.15	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_846.5MHz_Edge_1RB_Right_Ant1



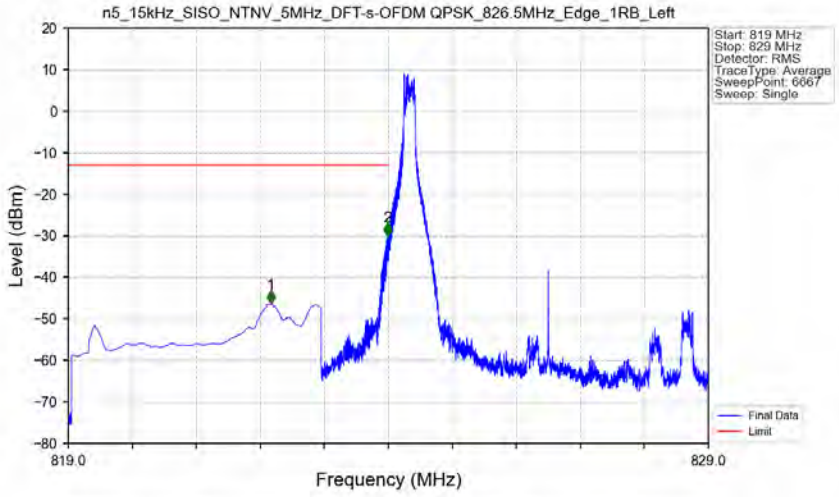
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1697.000	-46.98	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_846.5MHz_Outer_Full_Ant1



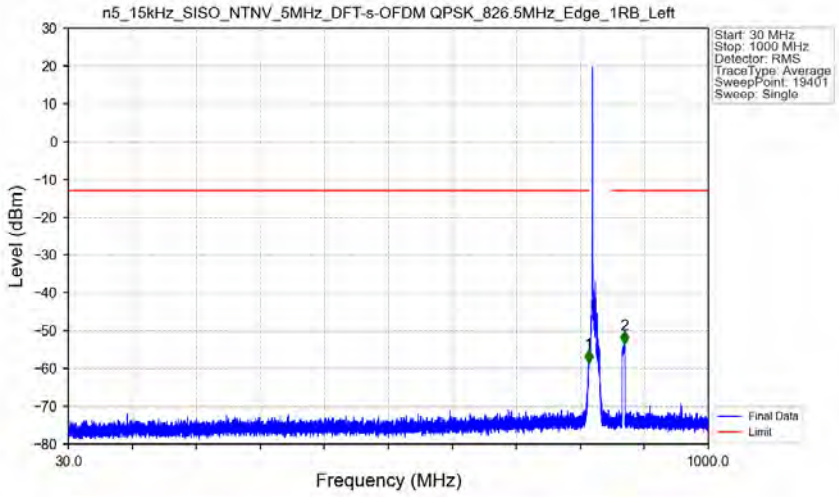
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.04978	CHP	/	/	/	/	/
849	850	0.04978	CHP	1	849.010	-33.19	-13	Pass
850	854	0.1	CHP	2	850.280	-36.73	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_826.5MHz_Edge_1RB_Left_Ant1



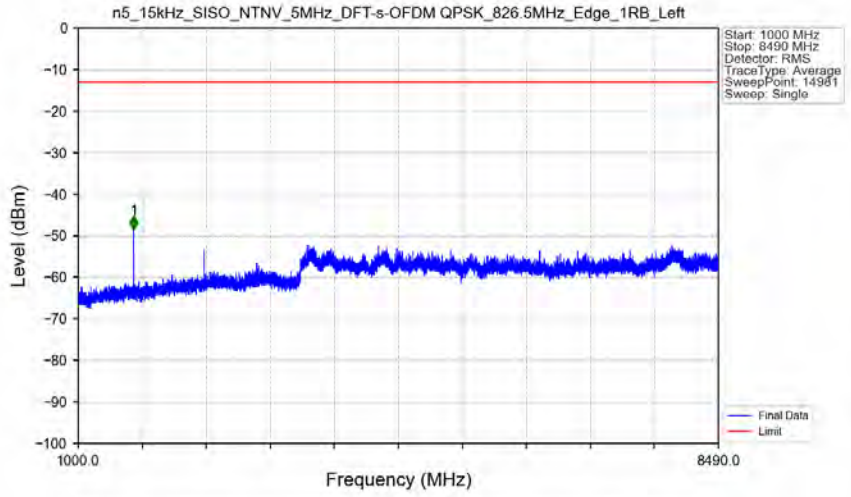
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.162	-46.25	-13	Pass
823	824	0.003	/	2	823.991	-30.09	-13	Pass
824	829	0.003	/	/	/	/	/	/

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_826.5MHz_Edge_1RB_Left_Ant1



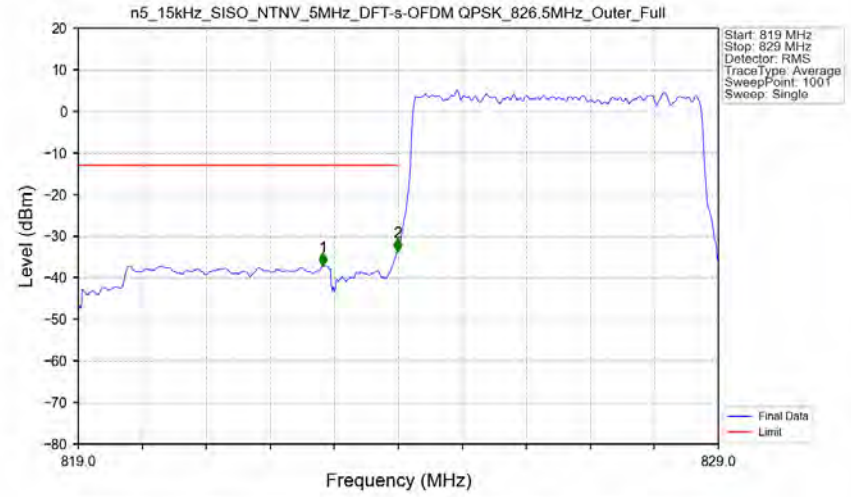
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.700	-58.57	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	872.400	-53.42	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_826.5MHz_Edge_1RB_Left_Ant1



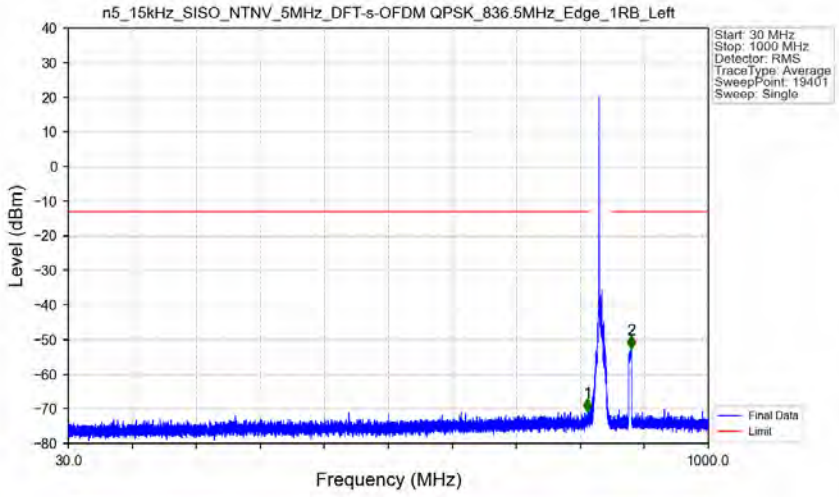
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1648.500	-48.41	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_826.5MHz_Outer_Full_Ant1



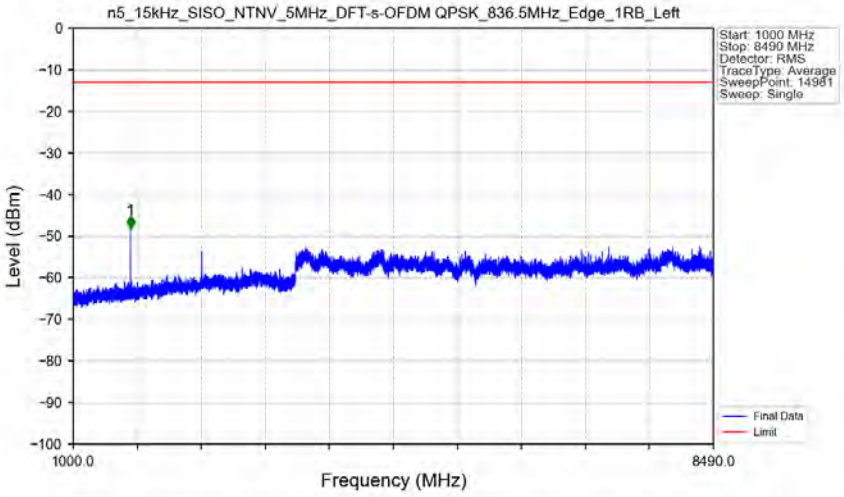
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.820	-37.07	-13	Pass
823	824	0.0524	CHP	2	823.990	-33.63	-13	Pass
824	829	0.0524	CHP	/	/	/	/	/

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_836.5MHz_Edge_1RB_Left_Ant1



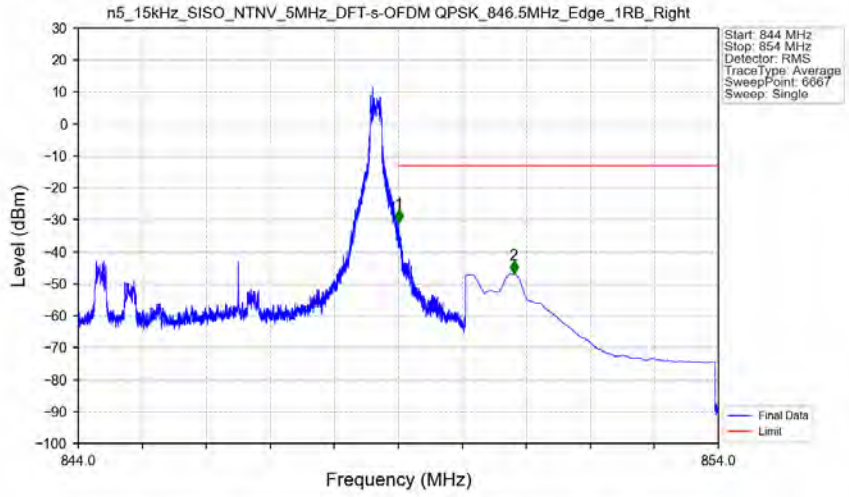
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	817.000	-70.71	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	883.000	-52.61	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_836.5MHz_Edge_1RB_Left_Ant1



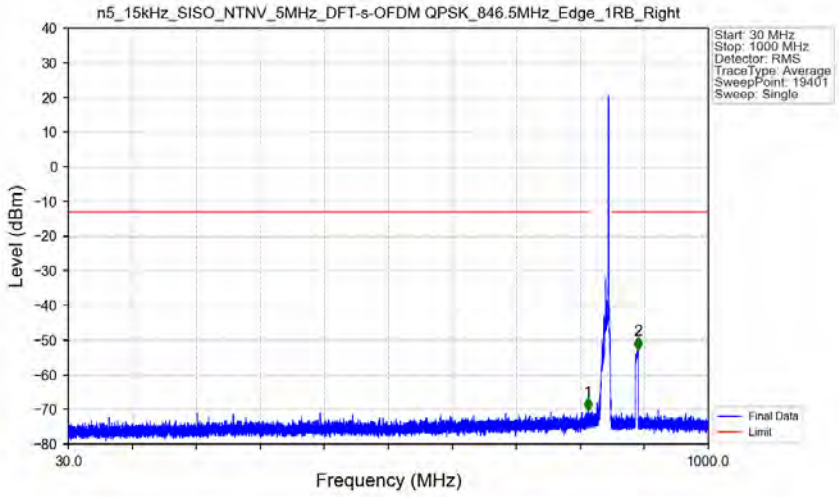
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1668.500	-48.21	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_846.5MHz_Edge_1RB_Right_Ant1



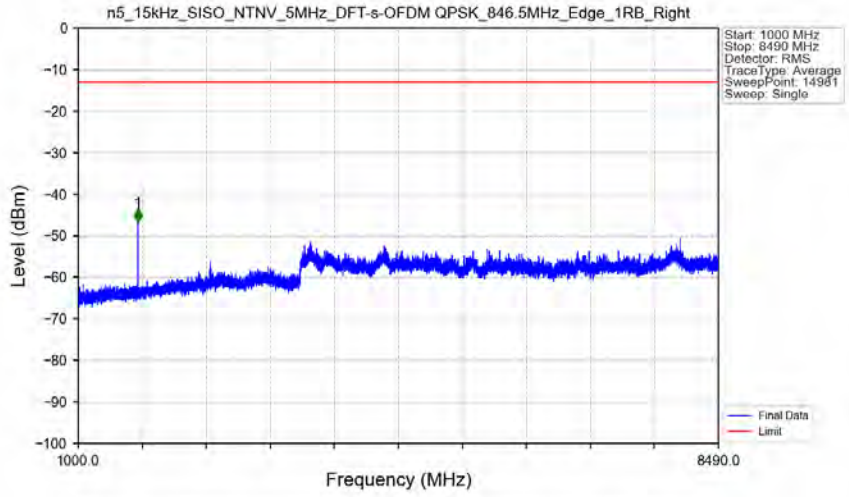
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.008	-30.90	-13	Pass
850	854	0.1	CHP	2	850.805	-46.80	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_846.5MHz_Edge_1RB_Right_Ant1



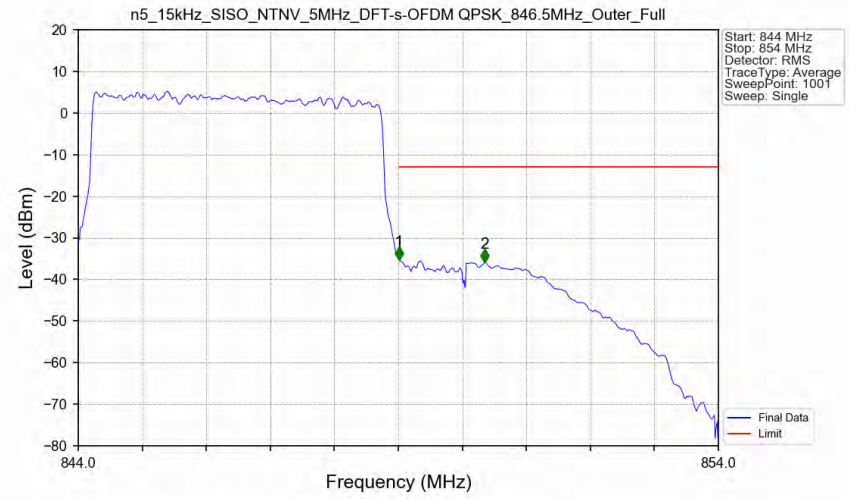
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	817.650	-70.42	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	893.500	-52.72	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_846.5MHz_Edge_1RB_Right_Ant1



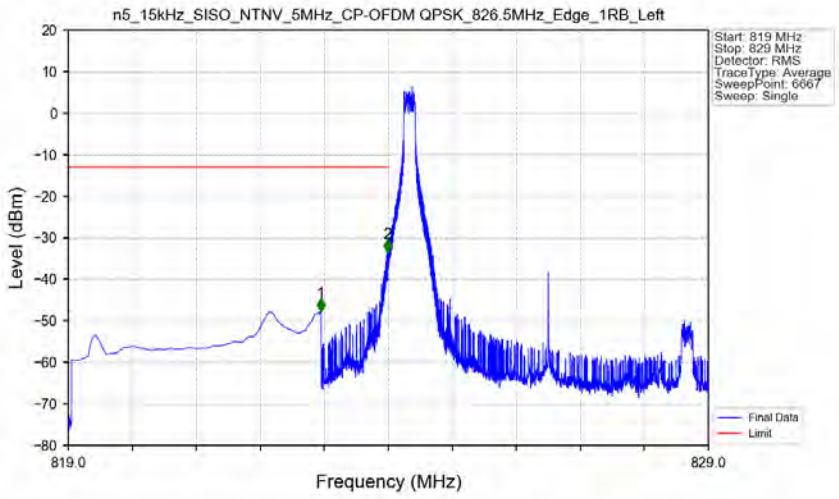
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1697.500	-46.56	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_846.5MHz_Outer_Full_Ant1



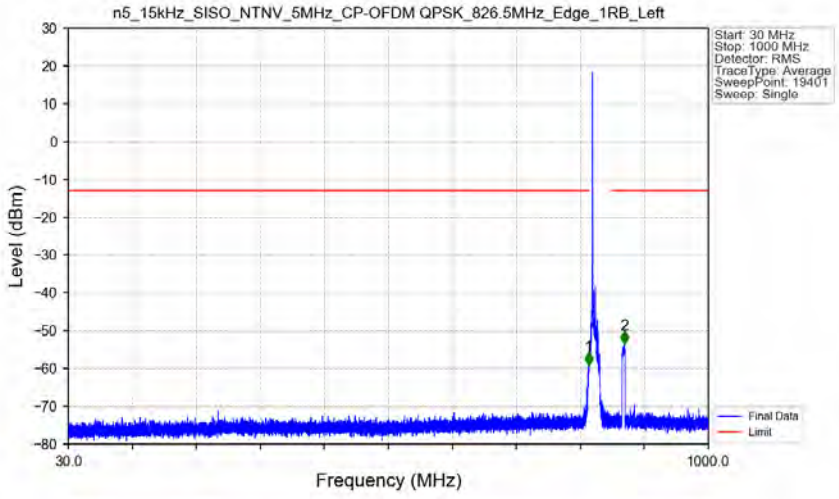
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.05002	CHP	/	/	/	/	/
849	850	0.05002	CHP	1	849.010	-35.25	-13	Pass
850	854	0.1	CHP	2	850.350	-35.91	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_826.5MHz_Edge_1RB_Left_Ant1



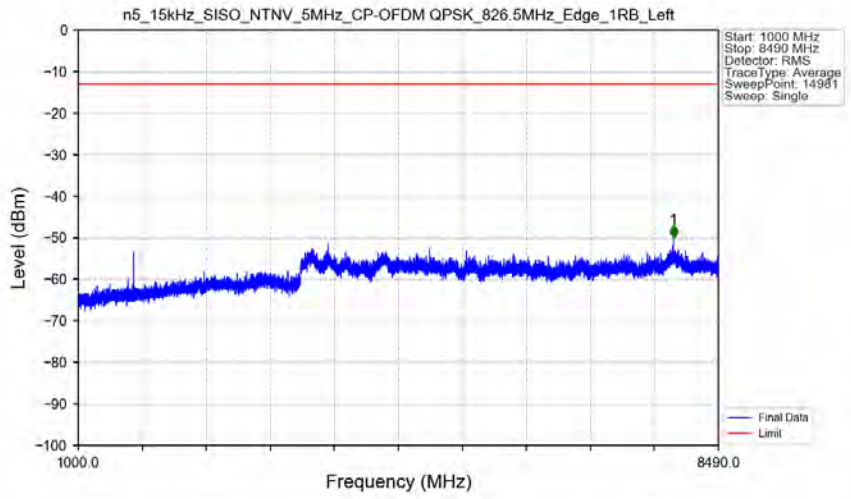
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.947	-47.79	-13	Pass
823	824	0.003	/	2	823.992	-33.55	-13	Pass
824	829	0.003	/	/	/	/	/	/

n5_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_826.5MHz_Edge_1RB_Left_Ant1



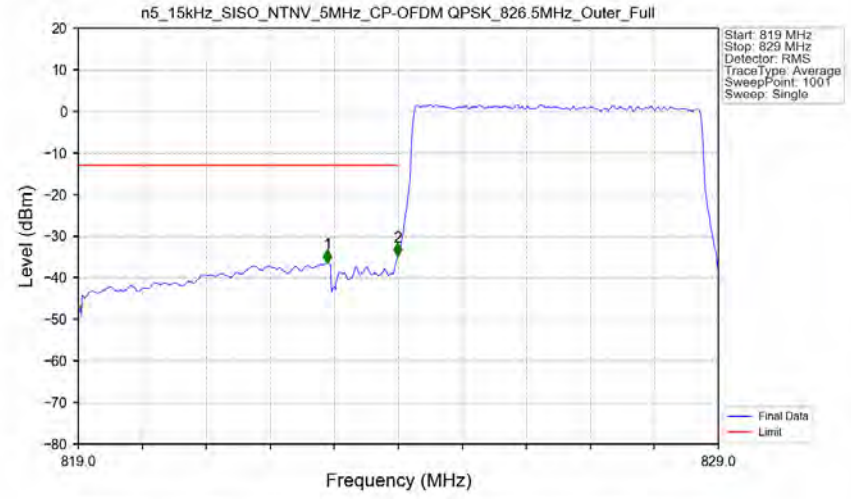
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.700	-59.07	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	873.300	-53.51	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_826.5MHz_Edge_1RB_Left_Ant1



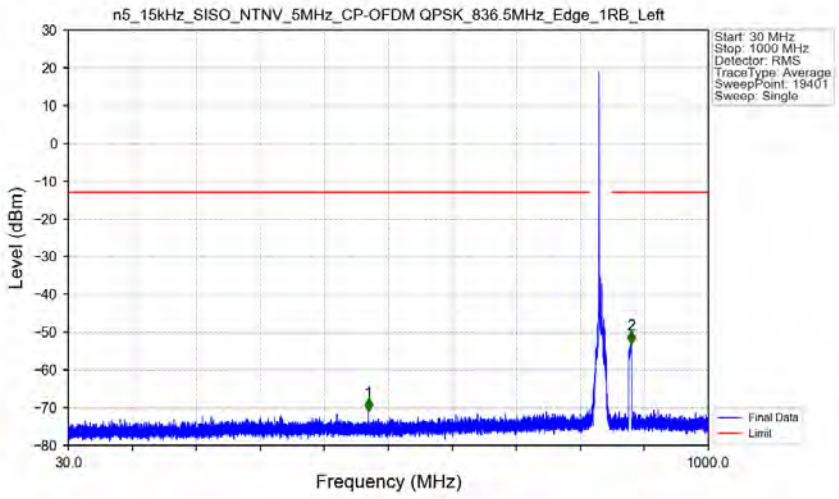
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	7964.000	-49.99	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_826.5MHz_Outer_Full_Ant1



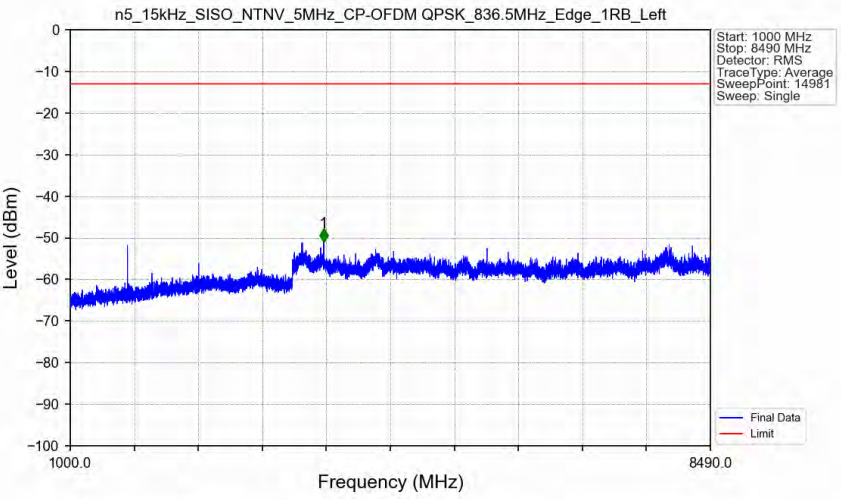
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.890	-36.46	-13	Pass
823	824	0.04979	CHP	2	823.990	-34.78	-13	Pass
824	829	0.04979	CHP	/	/	/	/	/

n5_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_836.5MHz_Edge_1RB_Left_Ant1



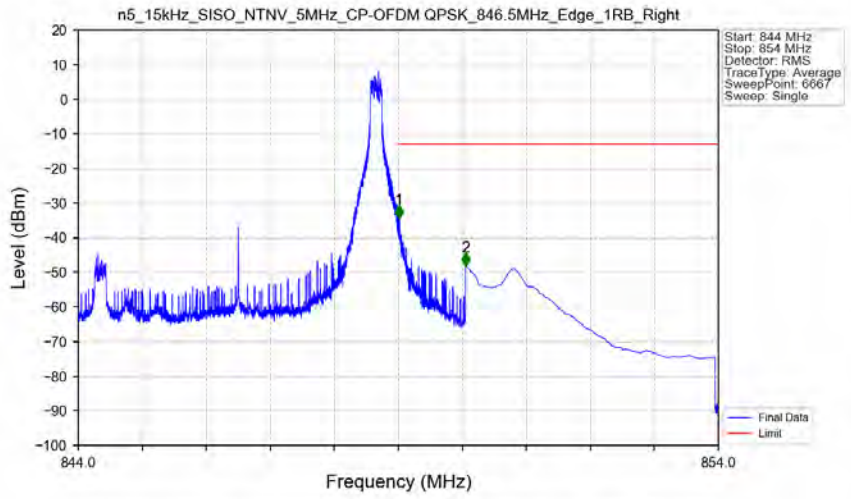
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	484.700	-70.87	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	882.750	-53.00	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_836.5MHz_Edge_1RB_Left_Ant1



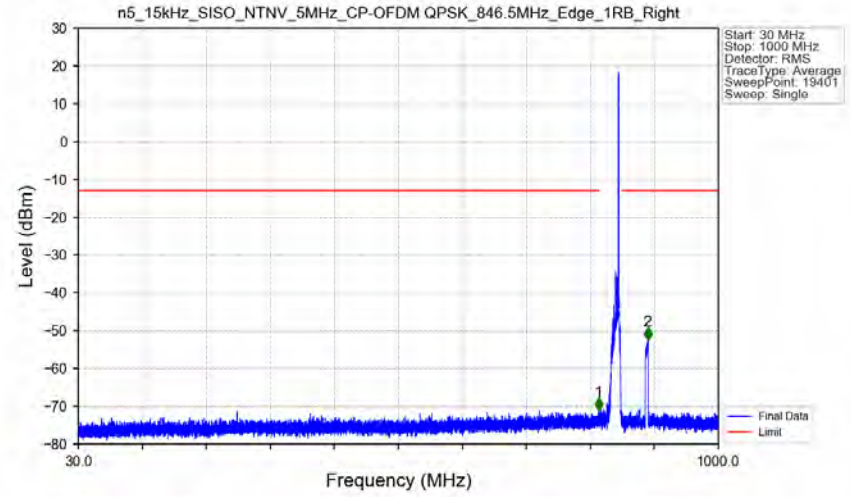
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	3965.500	-50.91	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_846.5MHz_Edge_1RB_Right_Ant1



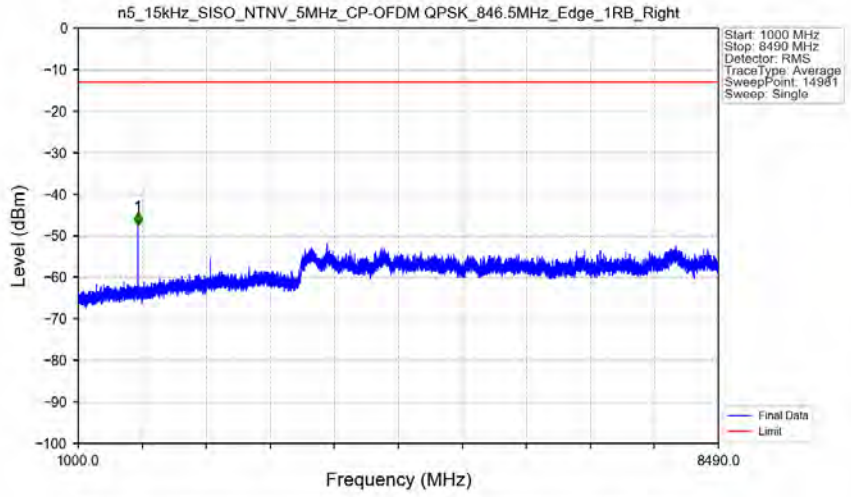
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.008	-34.42	-13	Pass
850	854	0.1	CHP	2	850.053	-48.04	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_846.5MHz_Edge_1RB_Right_Ant1



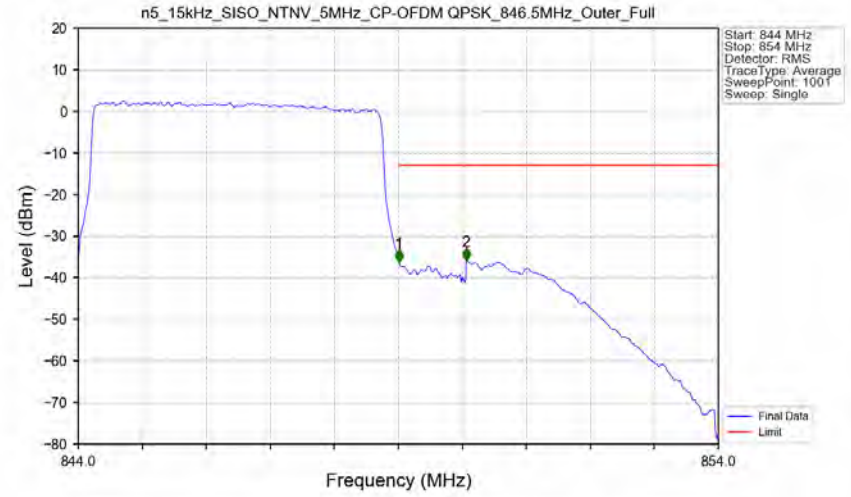
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.500	-71.07	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	893.000	-52.51	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_846.5MHz_Edge_1RB_Right_Ant1



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1697.000	-47.48	-13	Pass

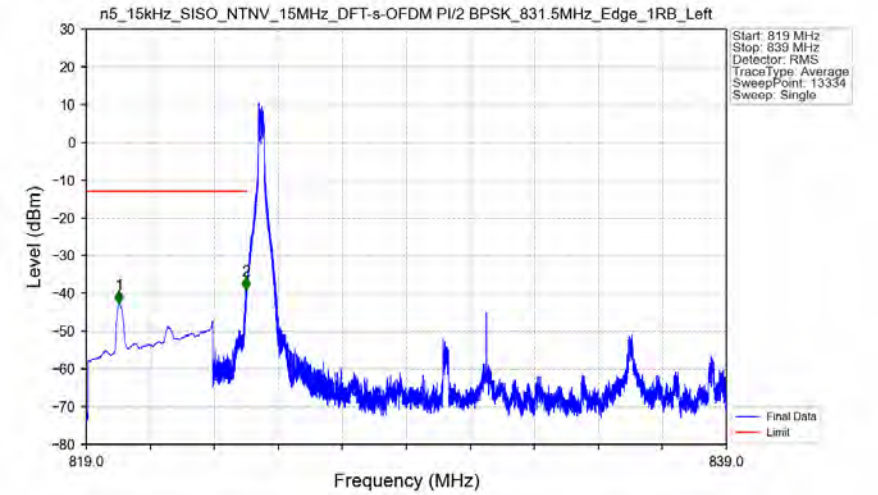
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_846.5MHz_Outer_Full_Ant1



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.04978	CHP	/	/	/	/	/
849	850	0.04978	CHP	1	849.010	-36.24	-13	Pass
850	854	0.1	CHP	2	850.060	-35.91	-13	Pass

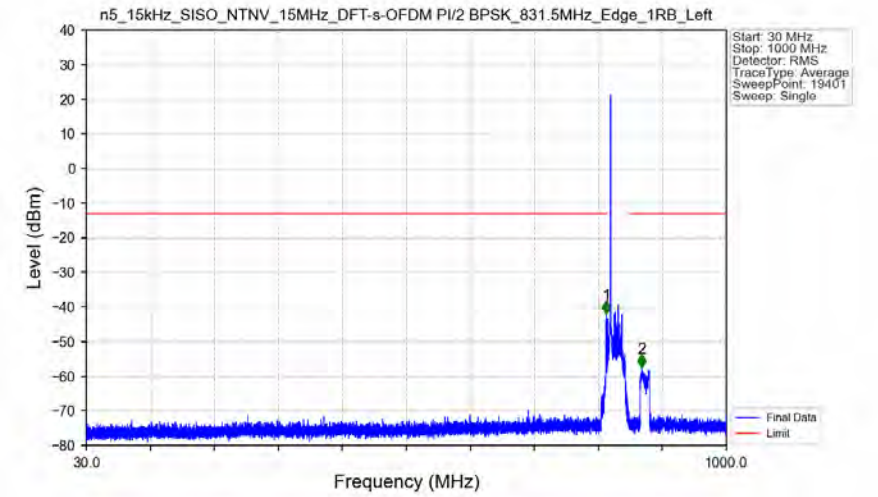
5.2.2 15k_SISO_15MHz_NTNV

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_831.5MHz_Edge_1RB_Left_Ant1



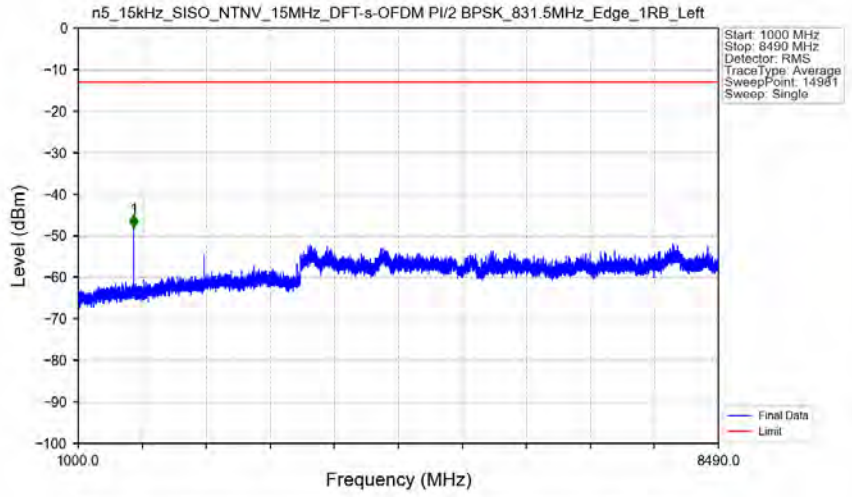
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	820.023	-42.58	-13	Pass
823	824	0.003	/	2	823.995	-38.98	-13	Pass
824	839	0.003	/	/	/	/	/	/

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_831.5MHz_Edge_1RB_Left_Ant1



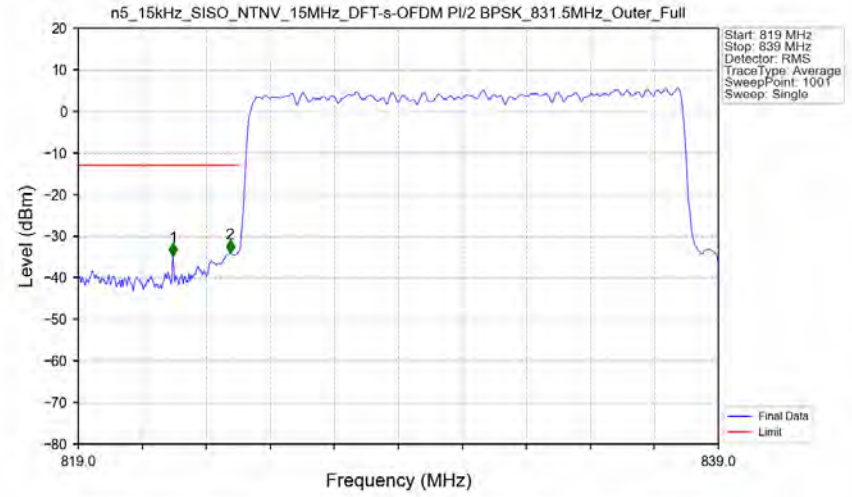
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.200	-41.84	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	871.850	-57.45	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_831.5MHz_Edge_1RB_Left_Ant1



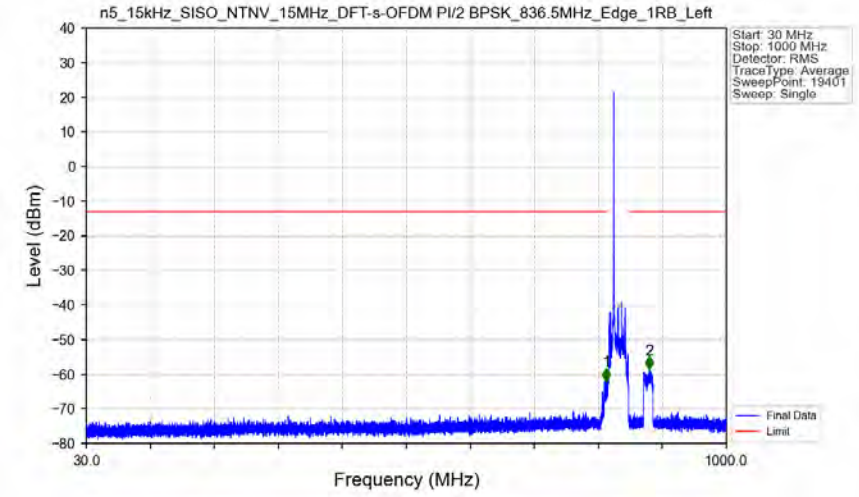
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1649.000	-48.04	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_831.5MHz_Outer_Full_Ant1



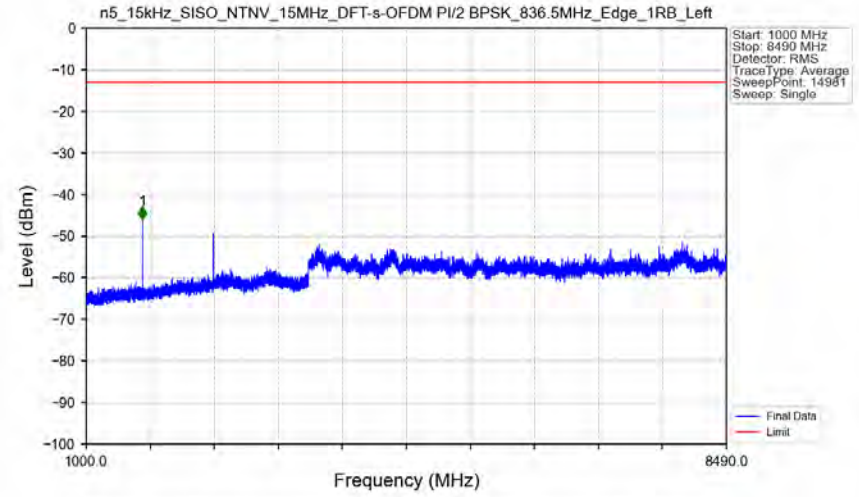
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	/	1	821.960	-34.79	-13	Pass
823	824	0.15218	CHP	2	823.740	-34.01	-13	Pass
824	839	0.15218	CHP	/	/	/	/	/

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_836.5MHz_Edge_1RB_Left_Ant1



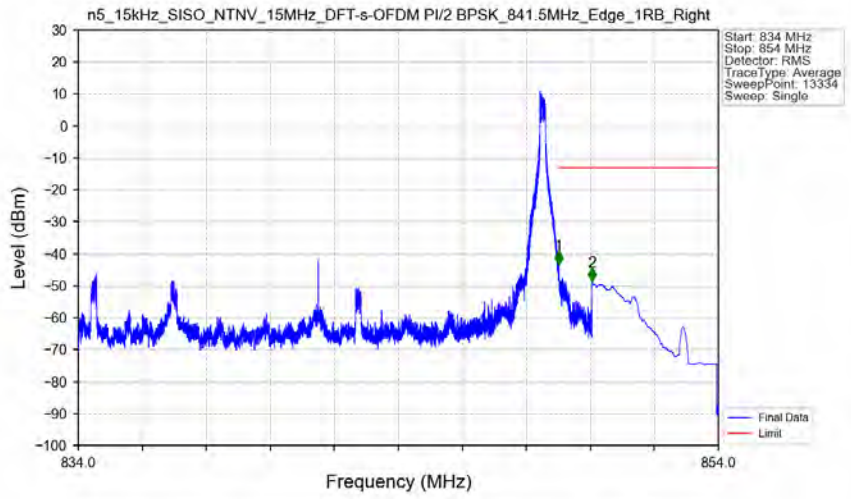
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	817.850	-61.90	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	883.350	-58.46	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_836.5MHz_Edge_1RB_Left_Ant1



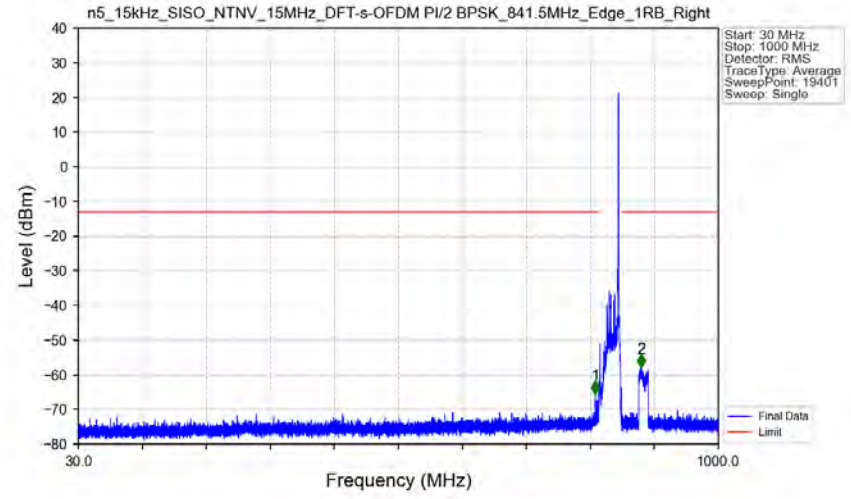
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1659.000	-46.05	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_841.5MHz_Edge_1RB_Right_Ant1



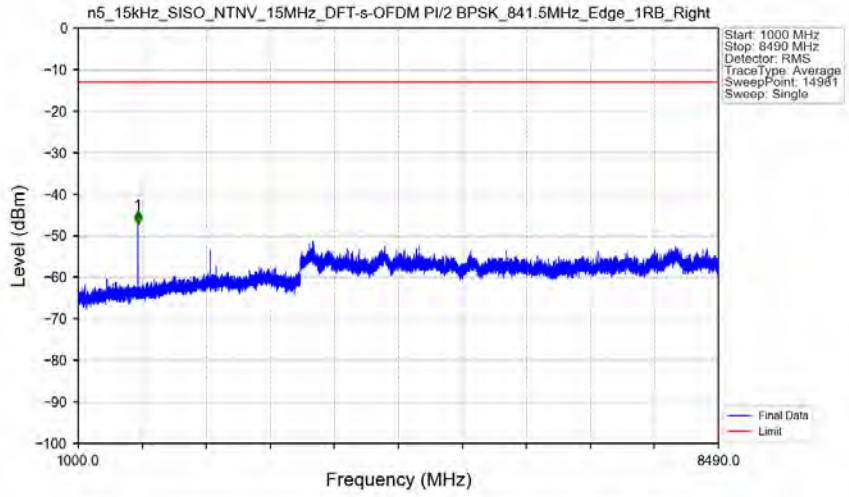
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.006	-43.43	-13	Pass
850	854	0.1	CHP	2	850.050	-48.46	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_841.5MHz_Edge_1RB_Right_Ant1



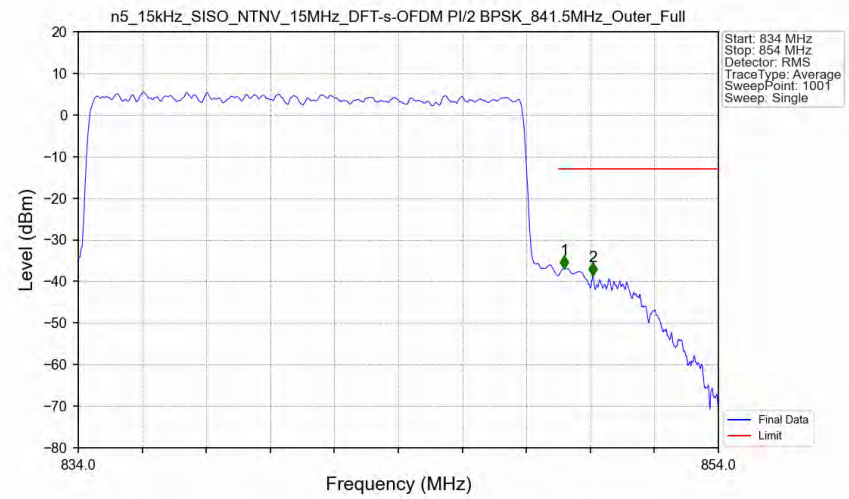
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	813.600	-65.48	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	883.600	-57.78	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_841.5MHz_Edge_1RB_Right_Ant1



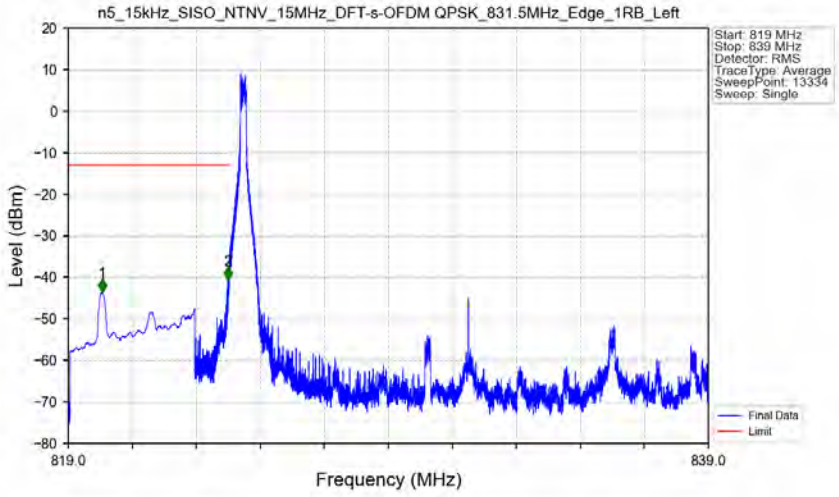
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1697.000	-47.08	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_841.5MHz_Outer_Full_Ant1



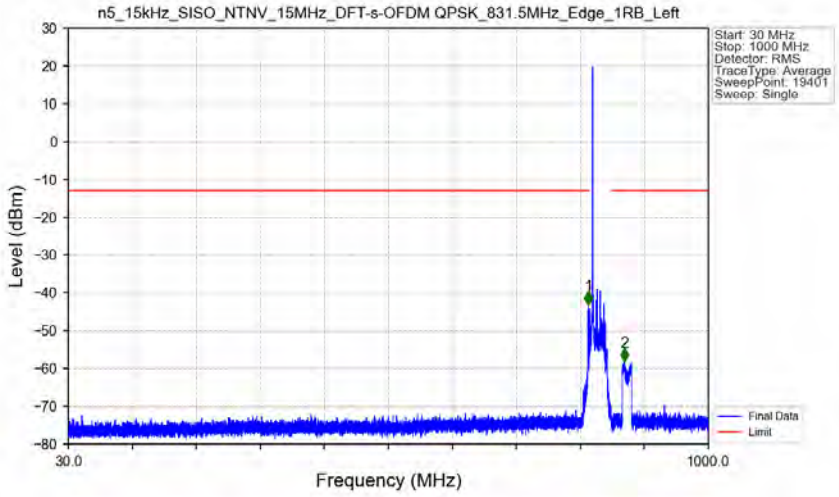
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.15215	CHP	/	/	/	/	/
849	850	0.15215	CHP	1	849.180	-36.91	-13	Pass
850	854	0.1	/	2	850.080	-38.53	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_831.5MHz_Edge_1RB_Left_Ant1



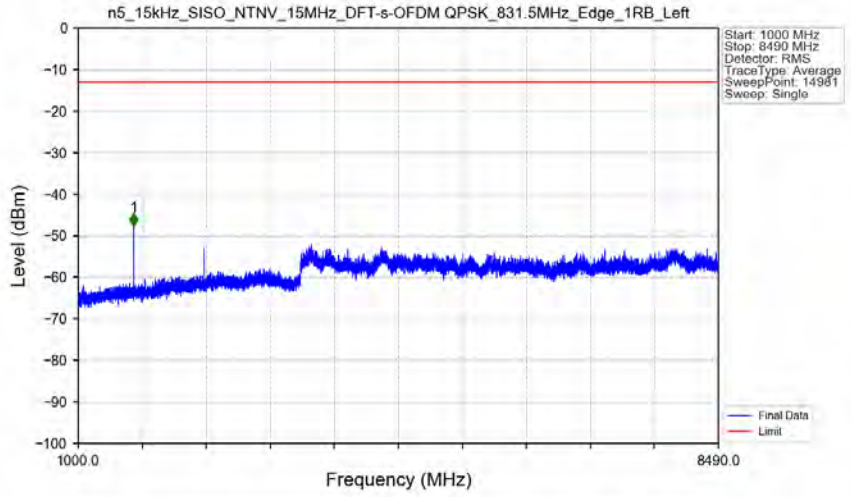
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	820.058	-43.50	-13	Pass
823	824	0.003	/	2	823.991	-40 62	-13	Pass
824	839	0.003	/	/	/	/	/	/

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_831.5MHz_Edge_1RB_Left_Ant1



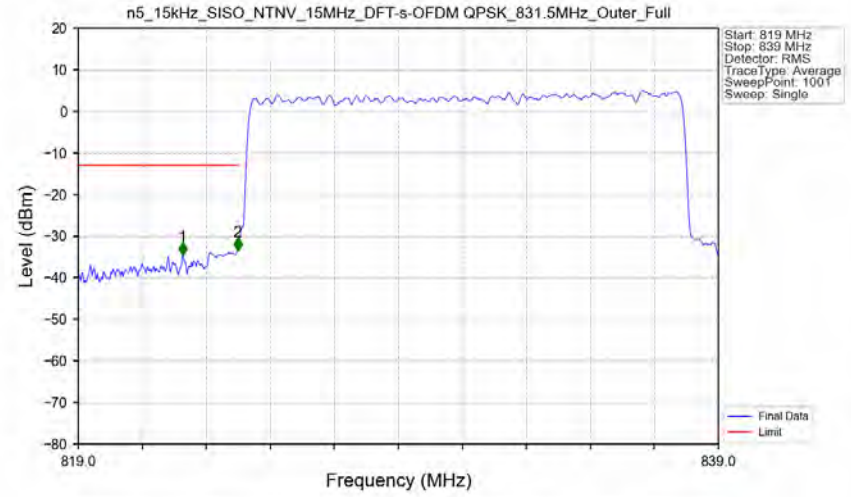
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.250	-43.10	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	872.400	-58.15	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_831.5MHz_Edge_1RB_Left_Ant1



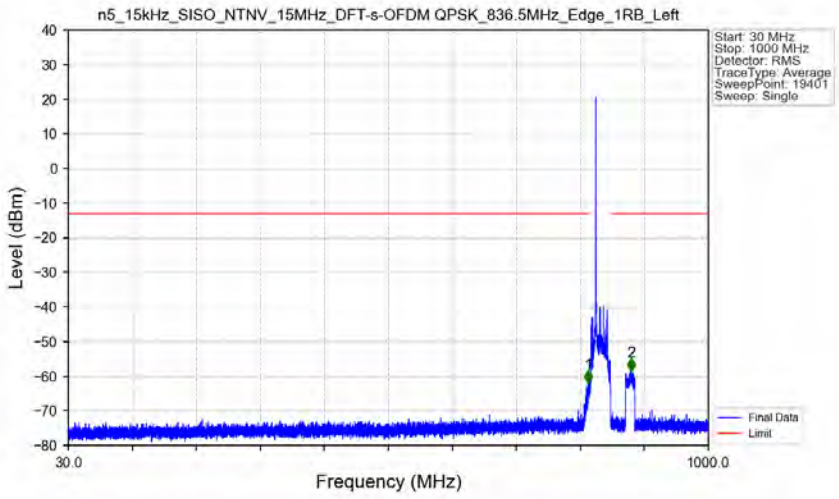
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1649.000	-47.65	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_831.5MHz_Outer_Full_Ant1



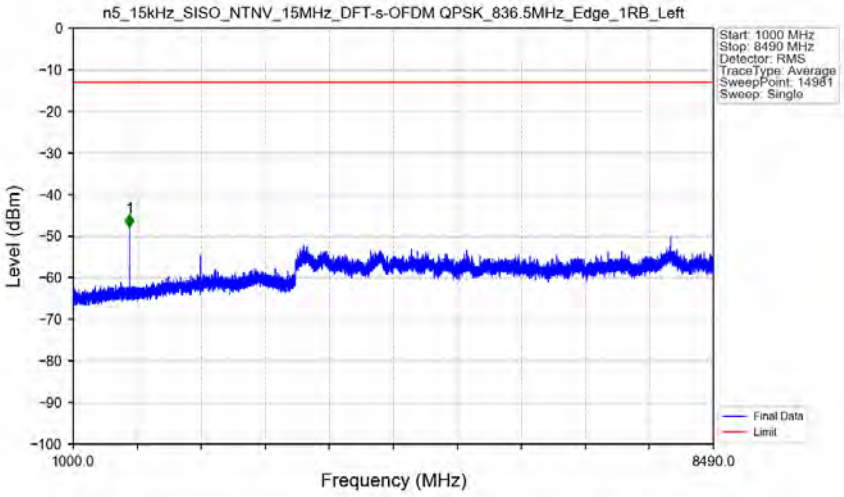
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	/	1	822.260	-34.58	-13	Pass
823	824	0.15242	CHP	2	823.980	-33.51	-13	Pass
824	839	0.15242	CHP	/	/	/	/	/

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_836.5MHz_Edge_1RB_Left_Ant1



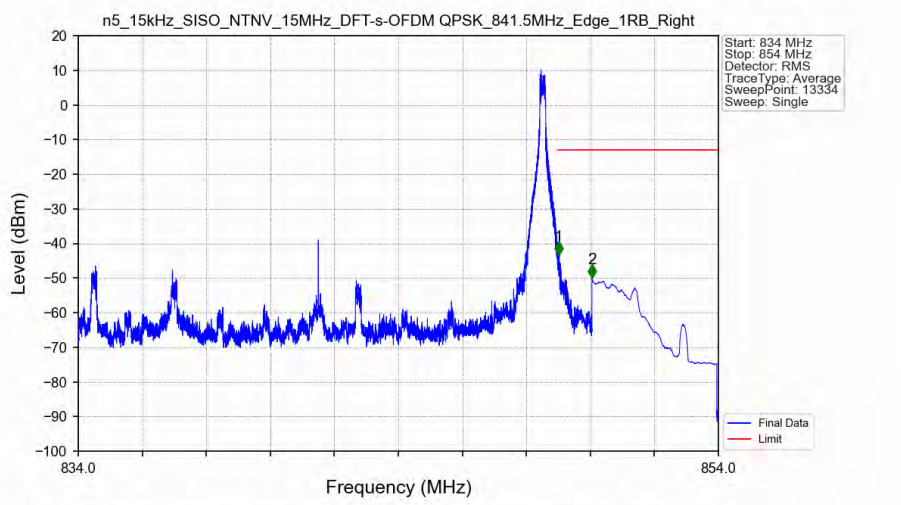
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	817.850	-62.00	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	883.500	-58.61	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_836.5MHz_Edge_1RB_Left_Ant1



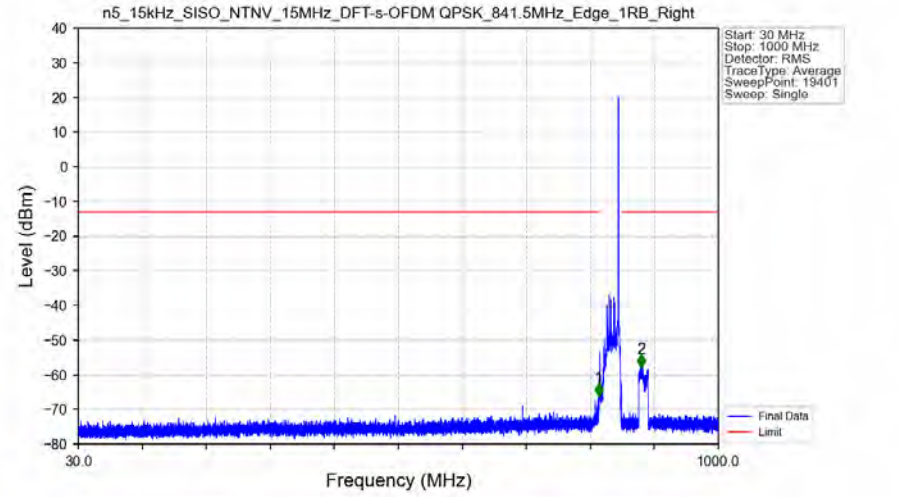
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1659.000	-47.84	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_841.5MHz_Edge_1RB_Right_Ant1



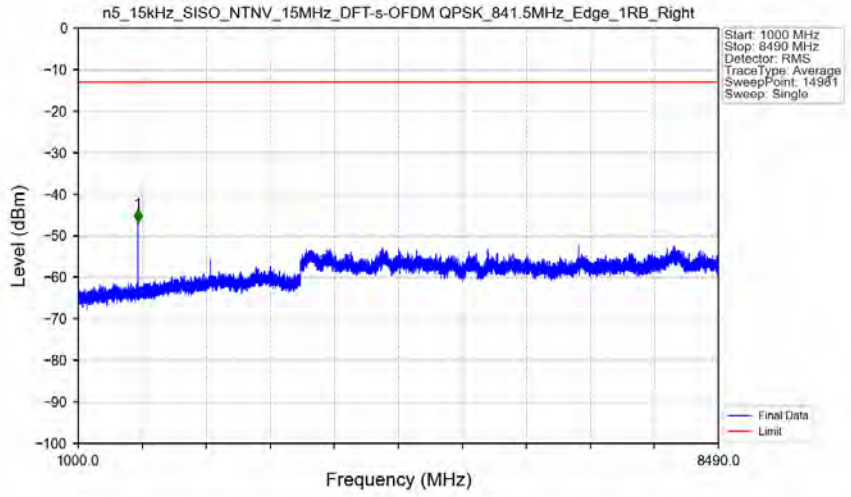
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.009	-43.32	-13	Pass
850	854	0.1	CHP	2	850.050	-49.80	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_841.5MHz_Edge_1RB_Right_Ant1



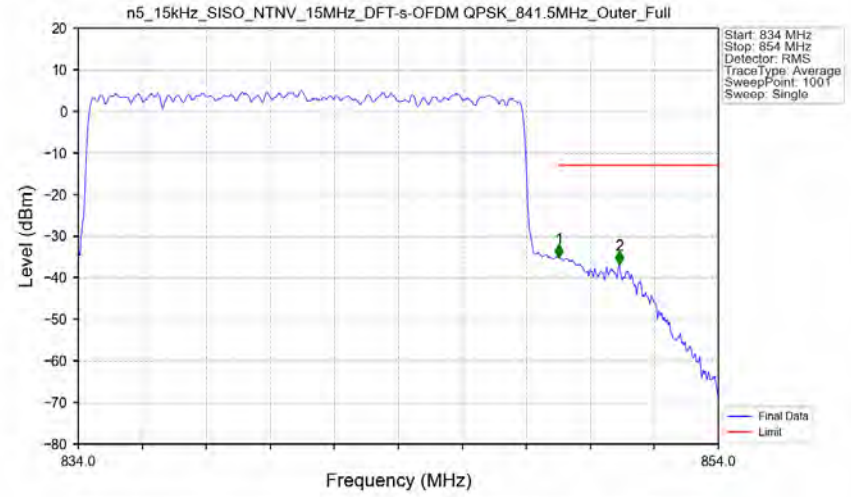
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.600	-66.27	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	882.850	-57.84	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_841.5MHz_Edge_1RB_Right_Ant1



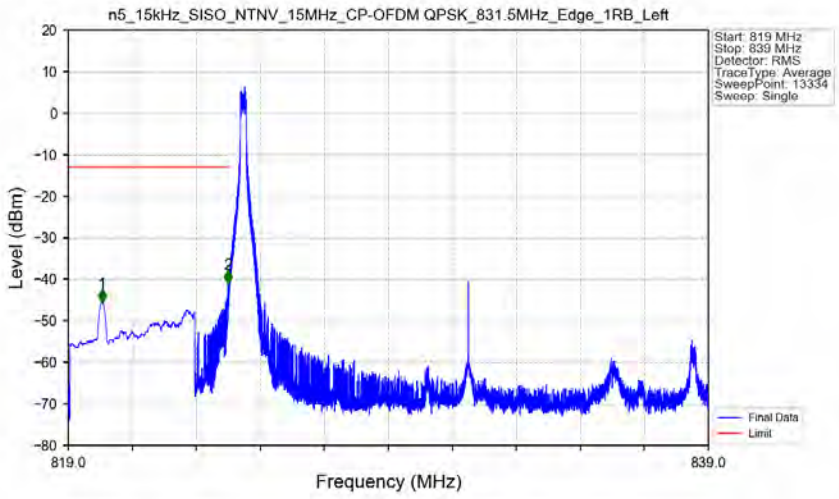
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1697.000	-46.76	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_841.5MHz_Outer_Full_Ant1



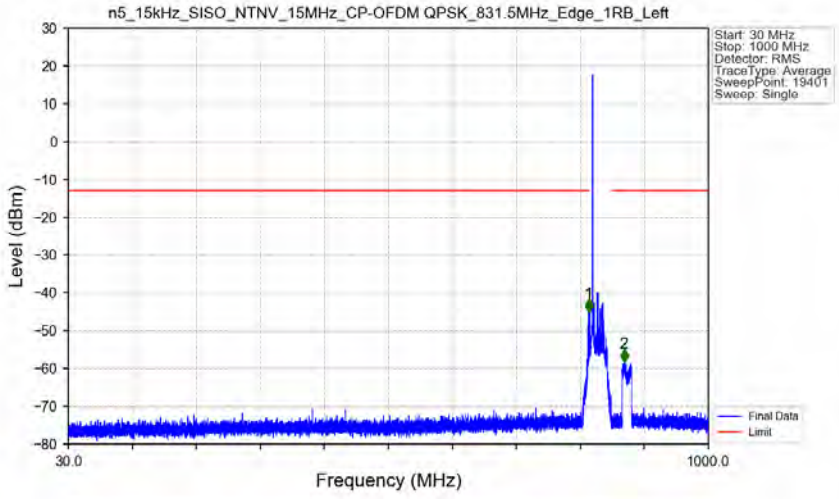
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.14591	CHP	/	/	/	/	/
849	850	0.14591	CHP	1	849.020	-35.13	-13	Pass
850	854	0.1	/	2	850.900	-36.76	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_831.5MHz_Edge_1RB_Left_Ant1



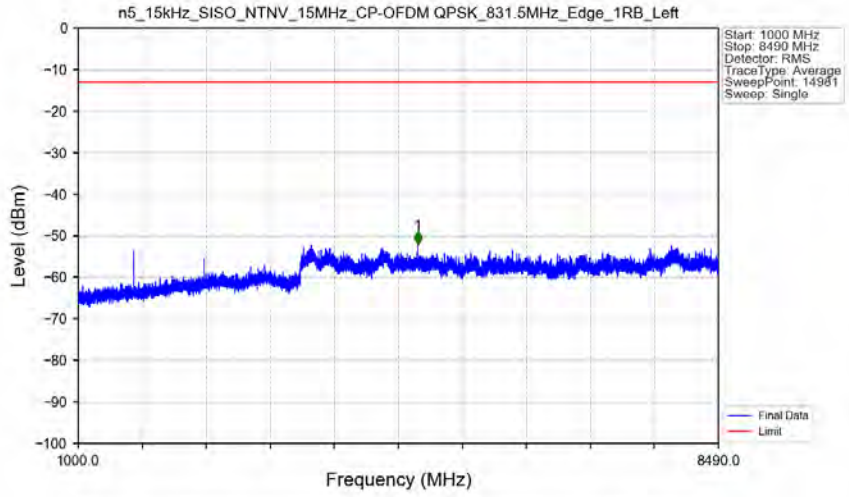
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	820.053	-45.51	-13	Pass
823	824	0.003	/	2	823.992	-40.92	-13	Pass
824	839	0.003	/	/	/	/	/	/

n5_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_831.5MHz_Edge_1RB_Left_Ant1



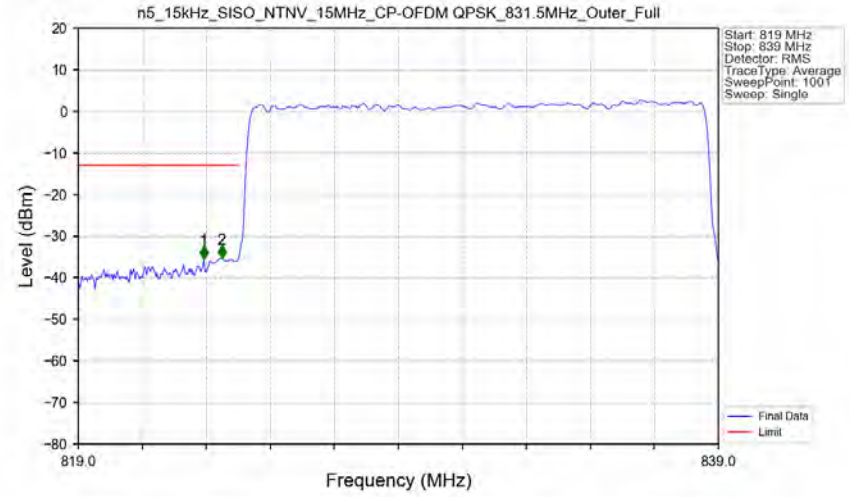
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.300	-45.01	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	872.200	-58.23	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_831.5MHz_Edge_1RB_Left_Ant1



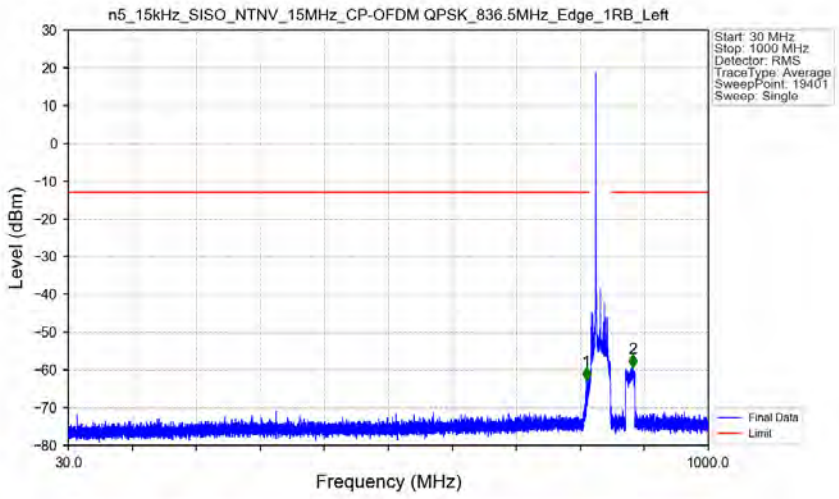
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	4971.000	-51.98	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_831.5MHz_Outer_Full_Ant1



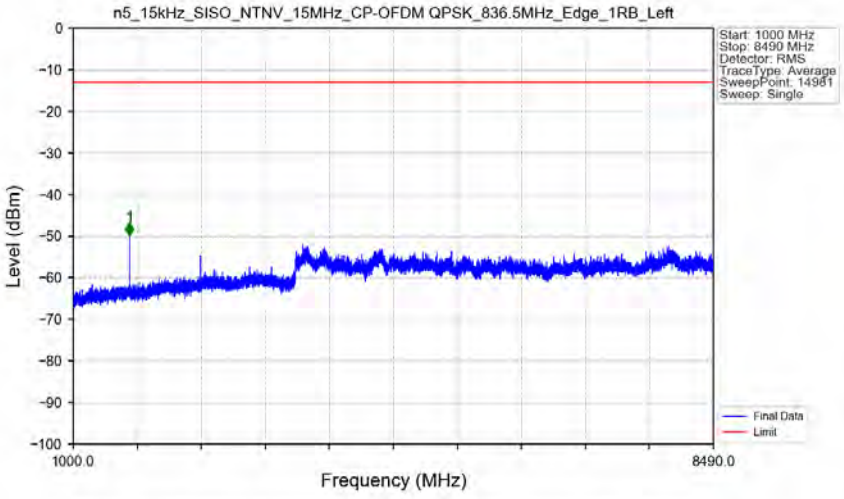
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	/	1	822.920	-35.50	-13	Pass
823	824	0.16785	CHP	2	823.480	-35.32	-13	Pass
824	839	0.16785	CHP	/	/	/	/	/

n5_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_836.5MHz_Edge_1RB_Left_Ant1



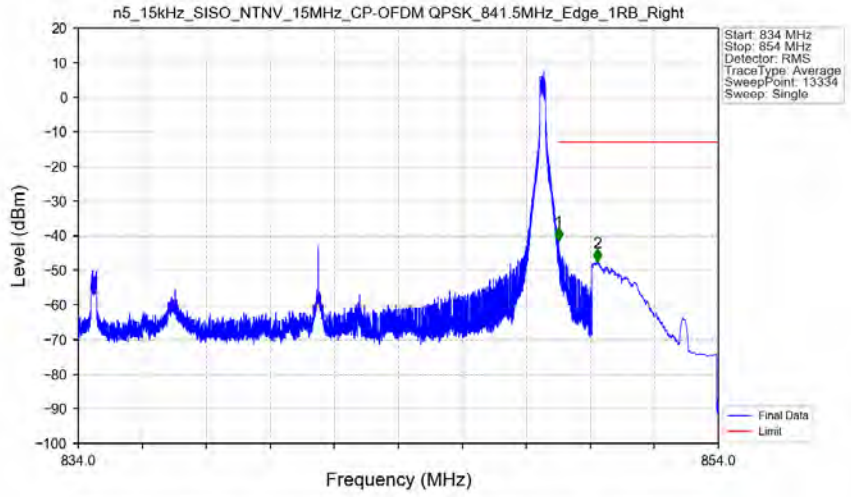
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	815.450	-62.63	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	885.650	-59.37	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_836.5MHz_Edge_1RB_Left_Ant1



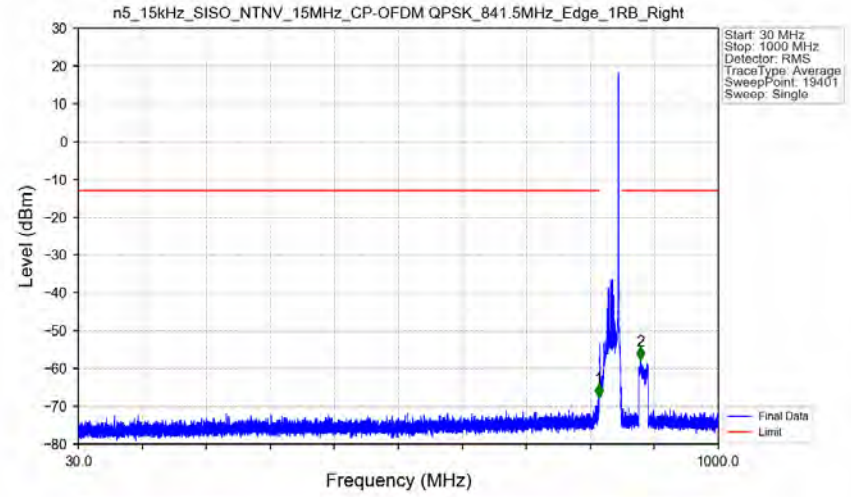
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1659.000	-49.86	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_841.5MHz_Edge_1RB_Right_Ant1



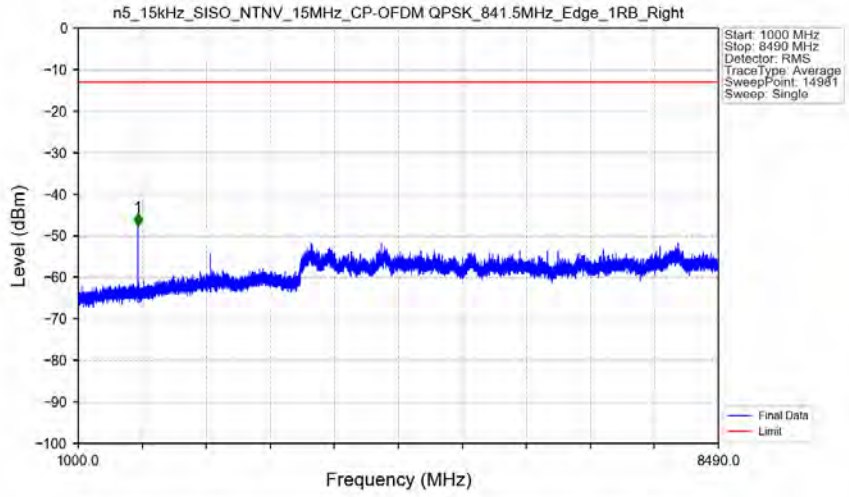
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.005	-41.44	-13	Pass
850	854	0.1	CHP	2	850.227	-47.52	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_841.5MHz_Edge_1RB_Right_Ant1



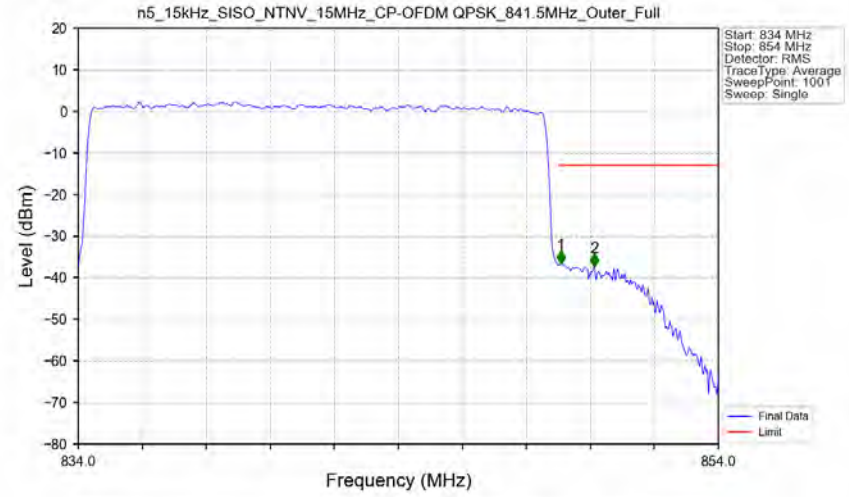
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.400	-67.54	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	881.950	-57.76	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_841.5MHz_Edge_1RB_Right_Ant1



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1697.000	-47.71	-13	Pass

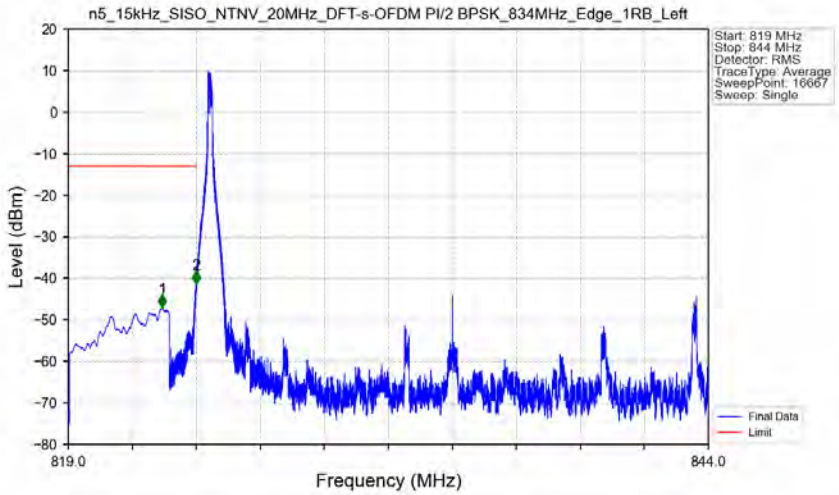
n5_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_841.5MHz_Outer_Full_Ant1



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.14552	CHP	/	/	/	/	/
849	850	0.14552	CHP	1	849.080	-36.67	-13	Pass
850	854	0.1	/	2	850.120	-37.40	-13	Pass

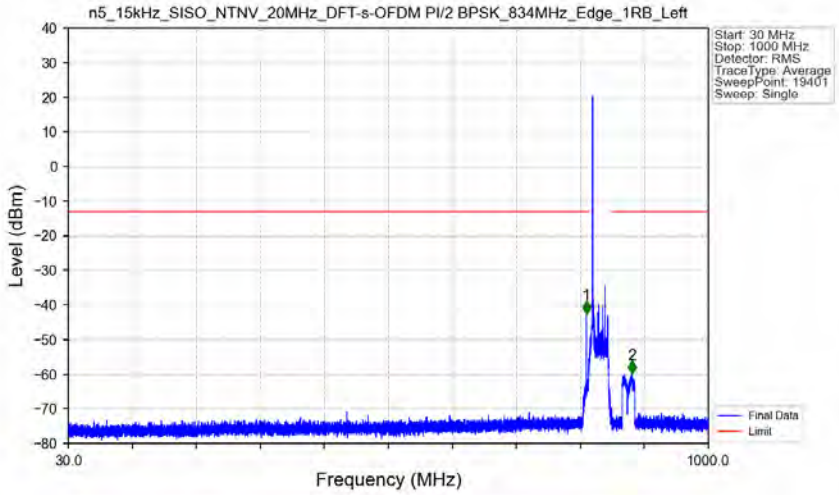
5.2.3 15k_SISO_20MHz_NTNV

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_834MHz_Edge_1RB_Left_Ant1



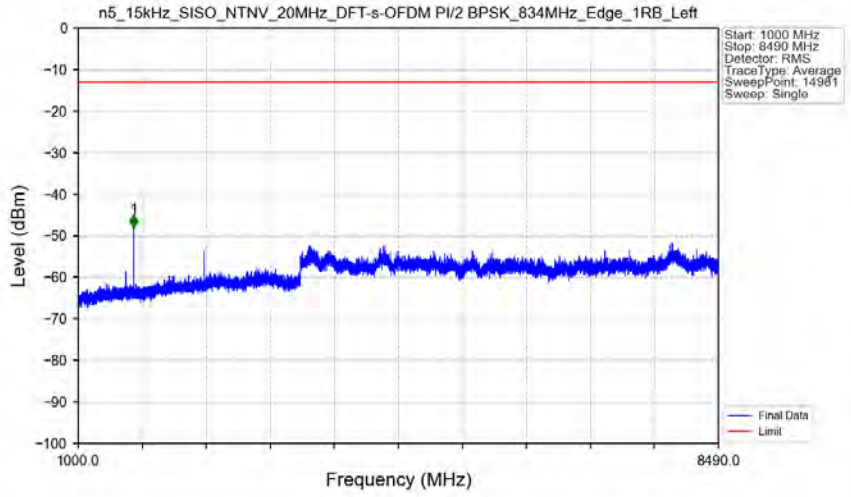
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.668	-46.99	-13	Pass
823	824	0.003	/	2	823.994	-41.24	-13	Pass
824	844	0.003	/	/	/	/	/	/

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_834MHz_Edge_1RB_Left_Ant1



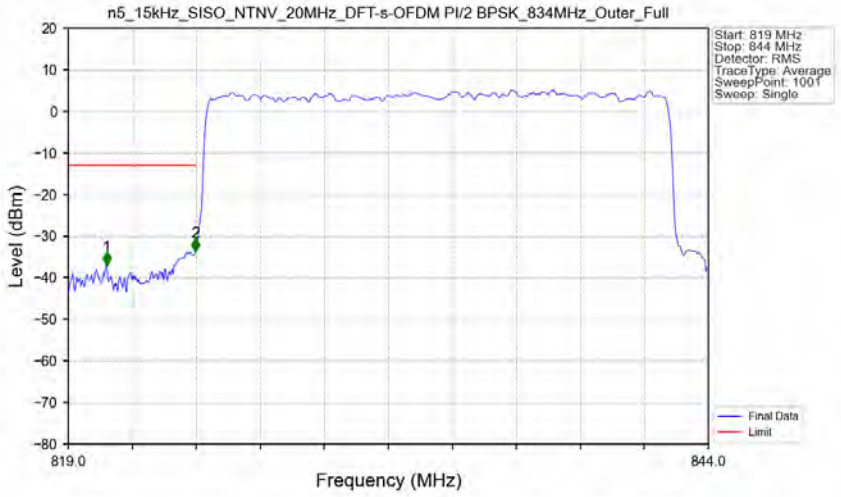
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	815.000	-42.64	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	884.700	-59.84	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_834MHz_Edge_1RB_Left_Ant1



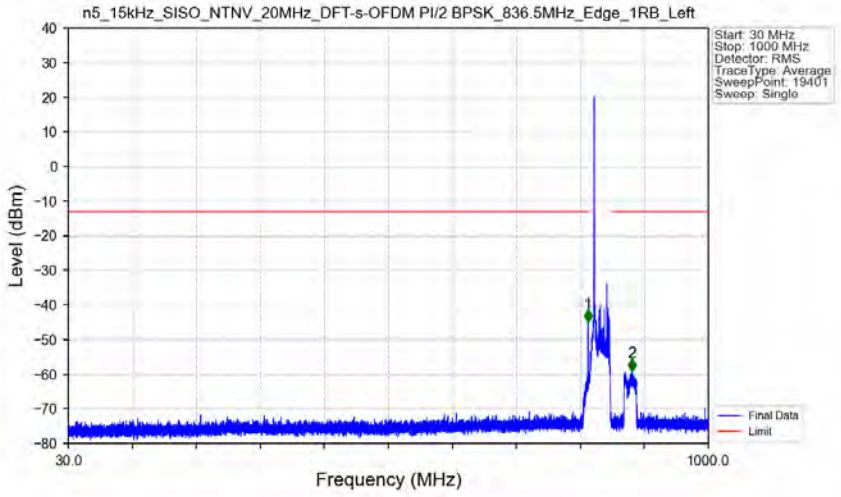
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1649.000	-47.97	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_834MHz_Outer_Full_Ant1



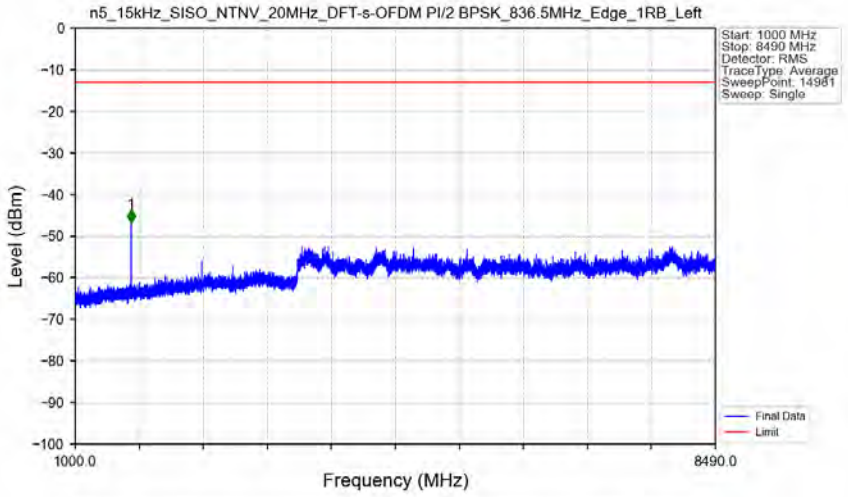
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	/	1	820.500	-36.89	-13	Pass
823	824	0.20447	CHP	2	823.975	-33.67	-13	Pass
824	844	0.20447	CHP	/	/	/	/	/

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_836.5MHz_Edge_1RB_Left_Ant1



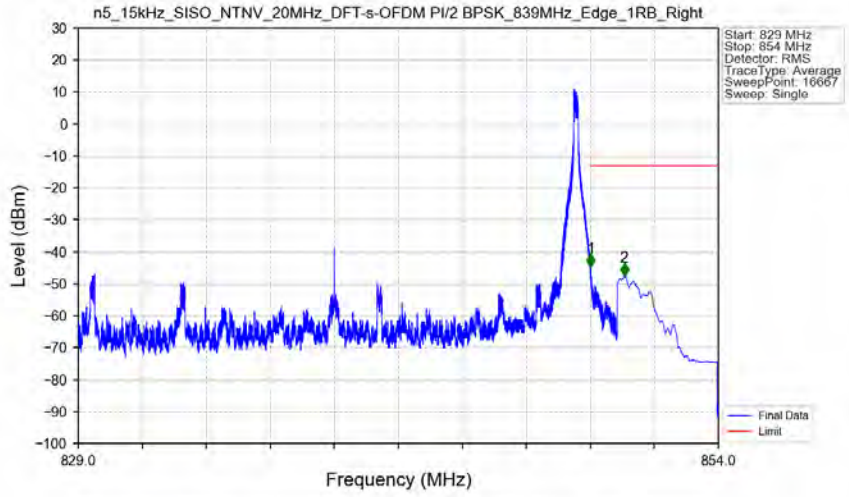
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	817.500	-44.91	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	884.200	-59.25	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_836.5MHz_Edge_1RB_Left_Ant1



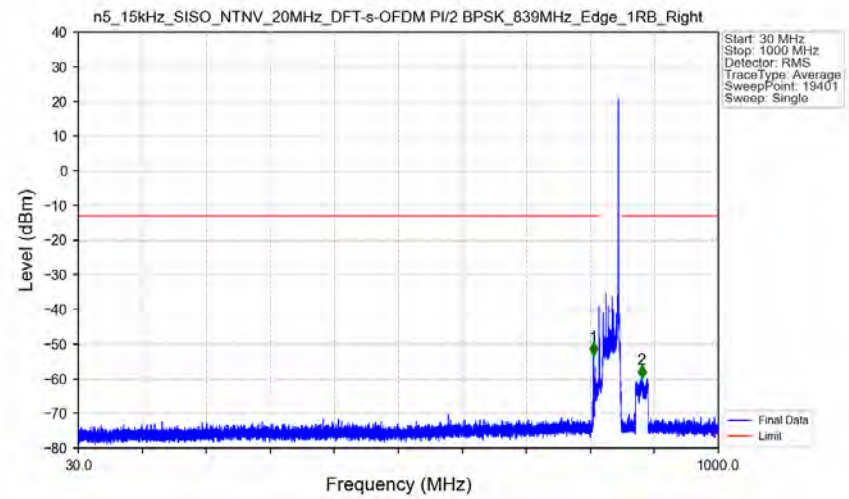
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1654.000	-46.80	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_839MHz_Edge_1RB_Right_Ant1



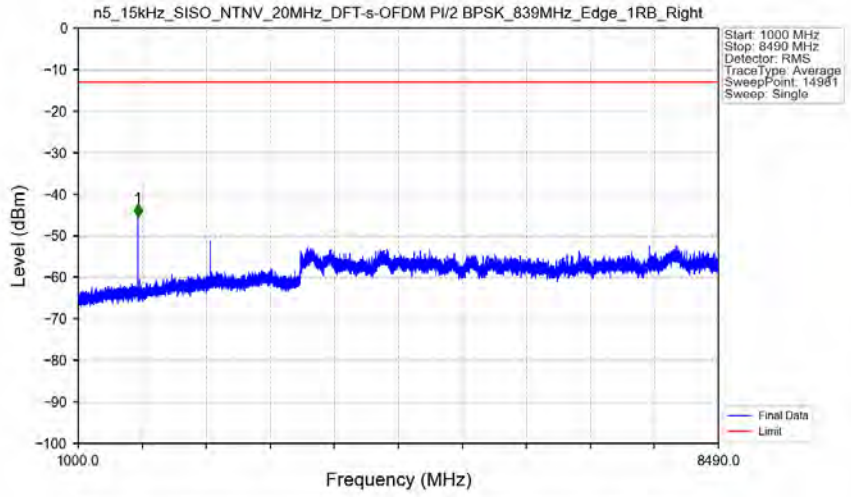
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
829	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.008	-44.83	-13	Pass
850	854	0.1	CHP	2	850.323	-47.65	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_839MHz_Edge_1RB_Right_Ant1



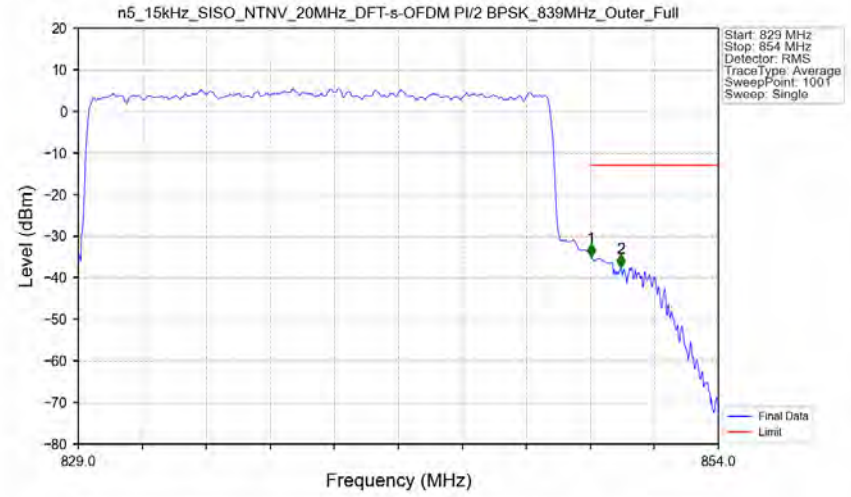
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	810.800	-53.21	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	883.800	-59.90	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_839MHz_Edge_1RB_Right_Ant1



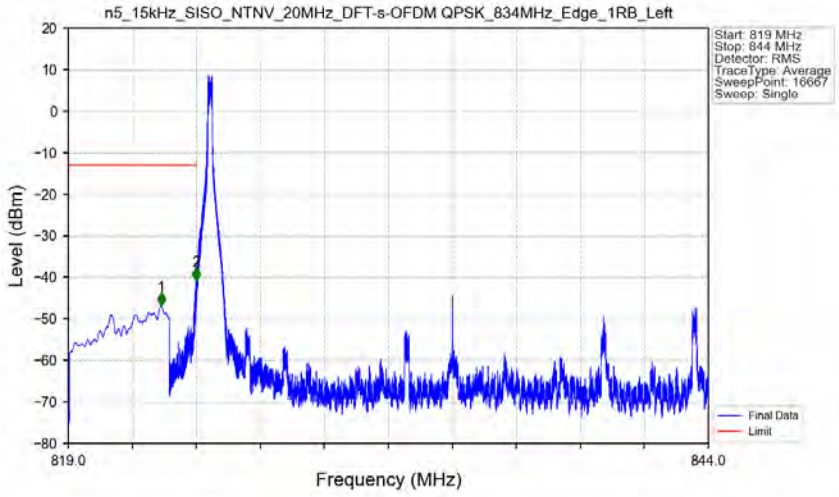
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1697.000	-45.56	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_839MHz_Outer_Full_Ant1



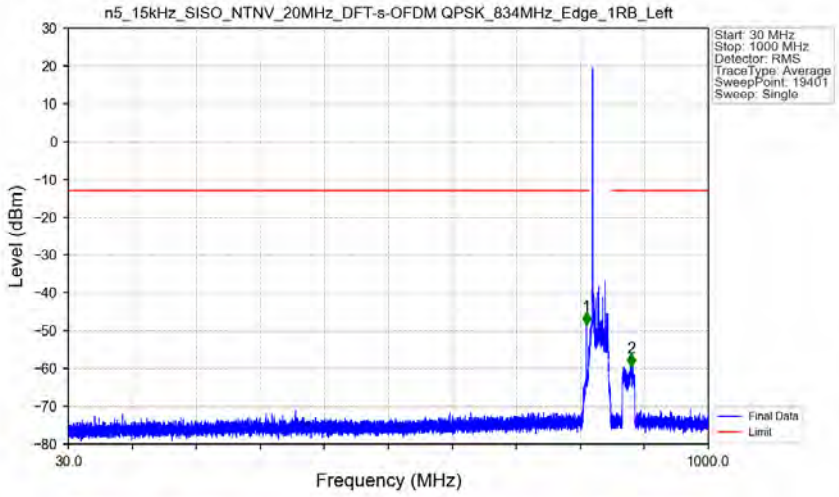
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
829	849	0.20447	CHP	/	/	/	/	/
849	850	0.20447	CHP	1	849.025	-34.95	-13	Pass
850	854	0.1	/	2	850.200	-37.51	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_834MHz_Edge_1RB_Left_Ant1



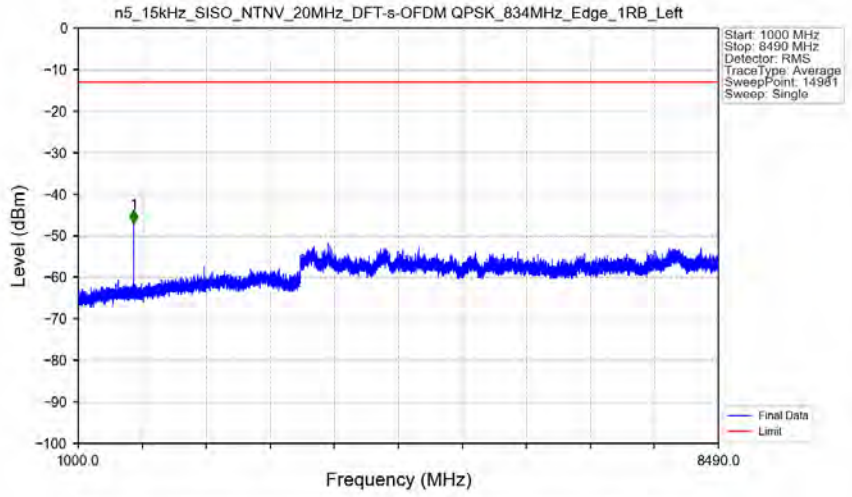
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.629	-46.83	-13	Pass
823	824	0.003	/	2	823.991	-40.85	-13	Pass
824	844	0.003	/	/	/	/	/	/

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_834MHz_Edge_1RB_Left_Ant1



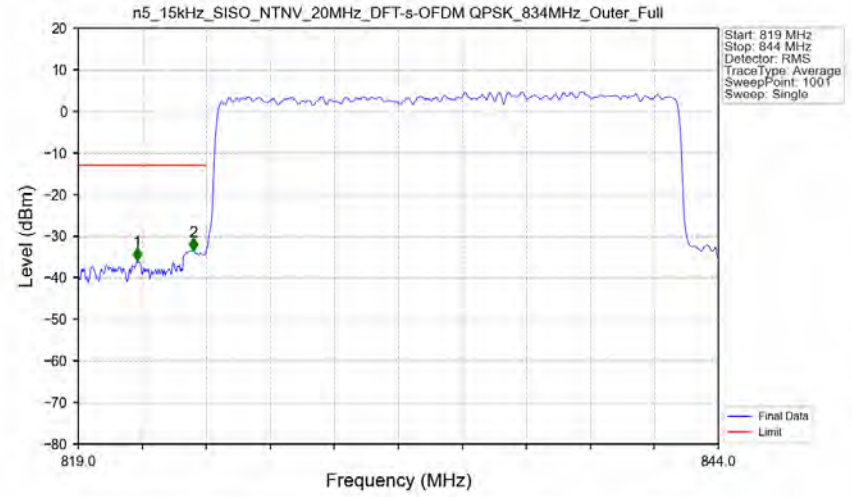
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	815.050	-48.48	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	882.900	-59.43	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_834MHz_Edge_1RB_Left_Ant1



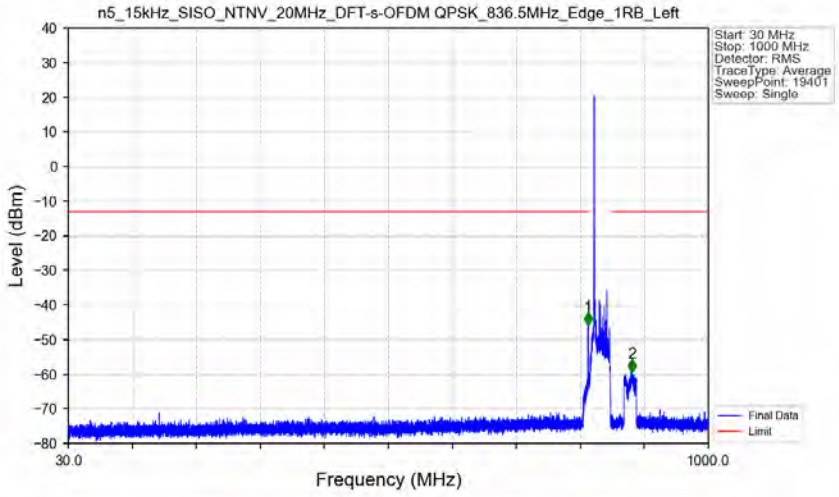
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1649.000	-46.91	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_834MHz_Outer_Full_Ant1



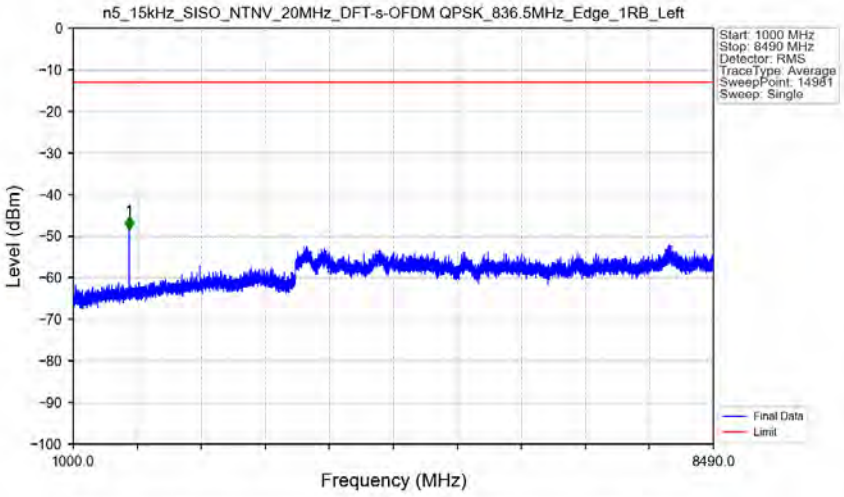
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	/	1	821.300	-35.94	-13	Pass
823	824	0.1939	CHP	2	823.500	-33.47	-13	Pass
824	844	0.1939	CHP	/	/	/	/	/

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_836.5MHz_Edge_1RB_Left_Ant1



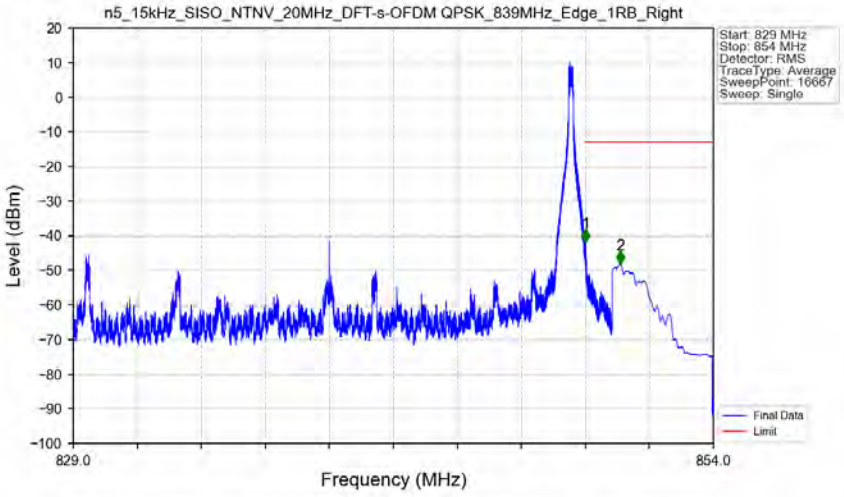
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	817.600	-45.80	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	884.700	-59.28	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_836.5MHz_Edge_1RB_Left_Ant1



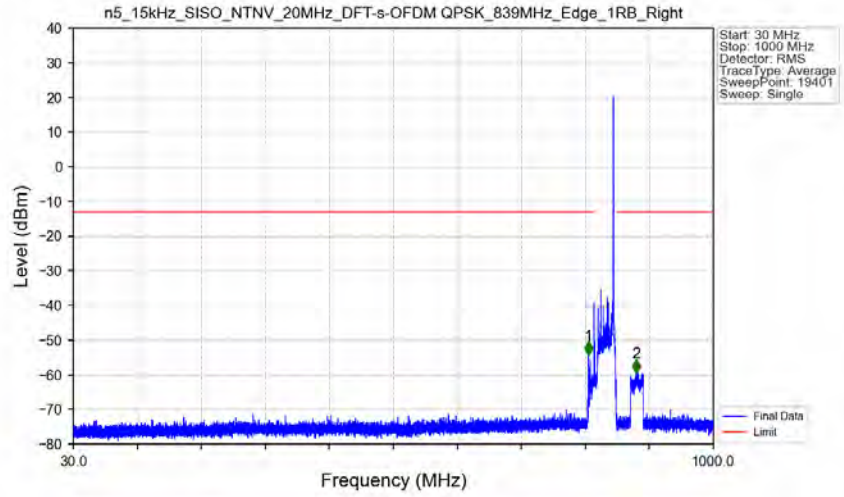
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1654.000	-48.46	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_839MHz_Edge_1RB_Right_Ant1



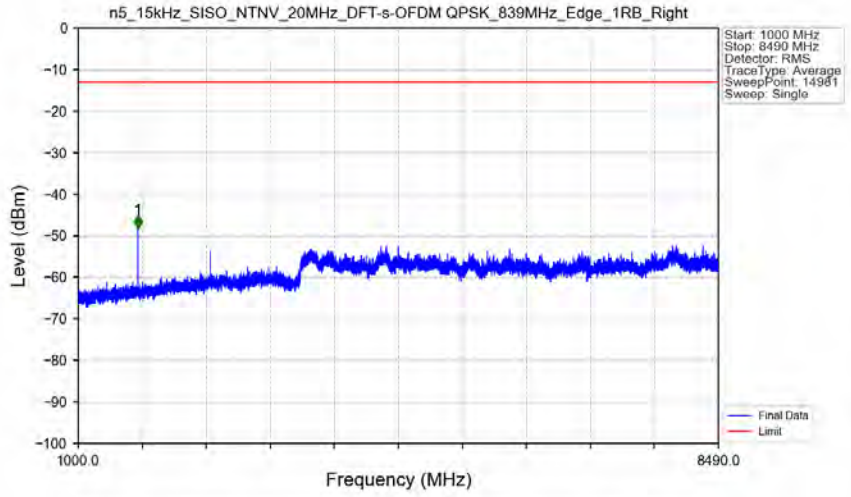
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
829	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.009	-41.84	-13	Pass
850	854	0.1	CHP	2	850.377	-48.09	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_839MHz_Edge_1RB_Right_Ant1



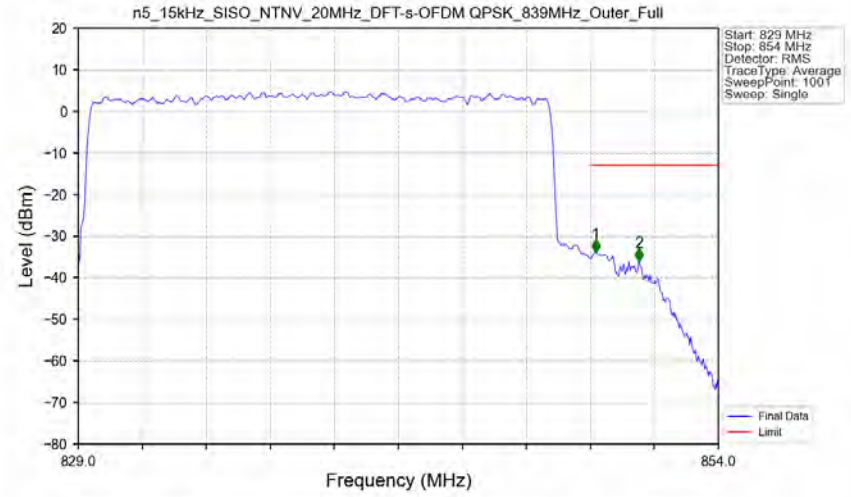
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	810.650	-54.07	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	882.850	-59.28	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_839MHz_Edge_1RB_Right_Ant1



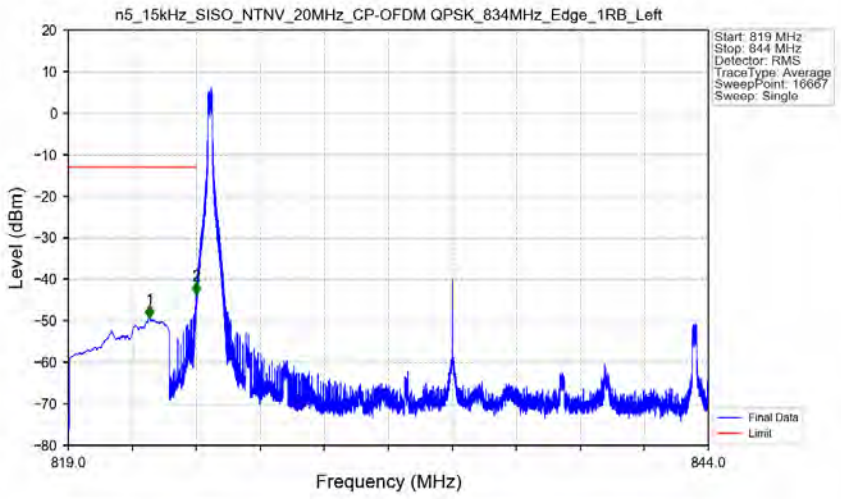
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1697.000	-48.26	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_839MHz_Outer_Full_Ant1



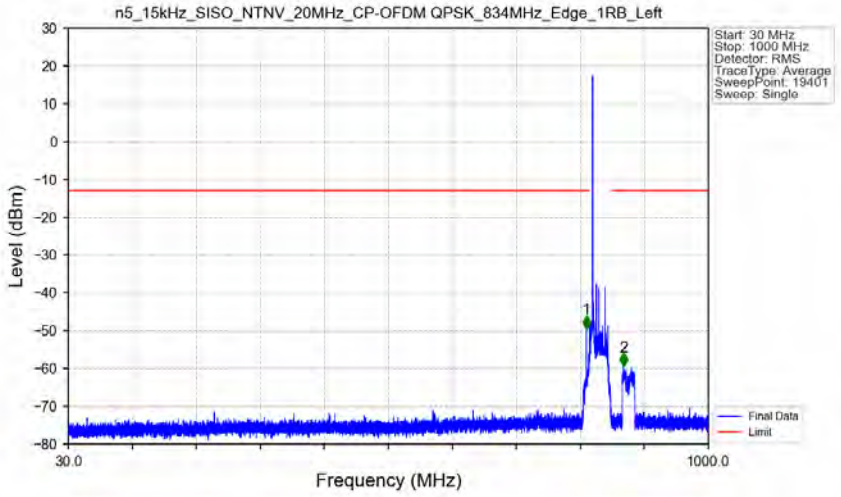
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
829	849	0.19387	CHP	/	/	/	/	/
849	850	0.19387	CHP	1	849.200	-33.84	-13	Pass
850	854	0.1	/	2	850.900	-36.10	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_834MHz_Edge_1RB_Left_Ant1



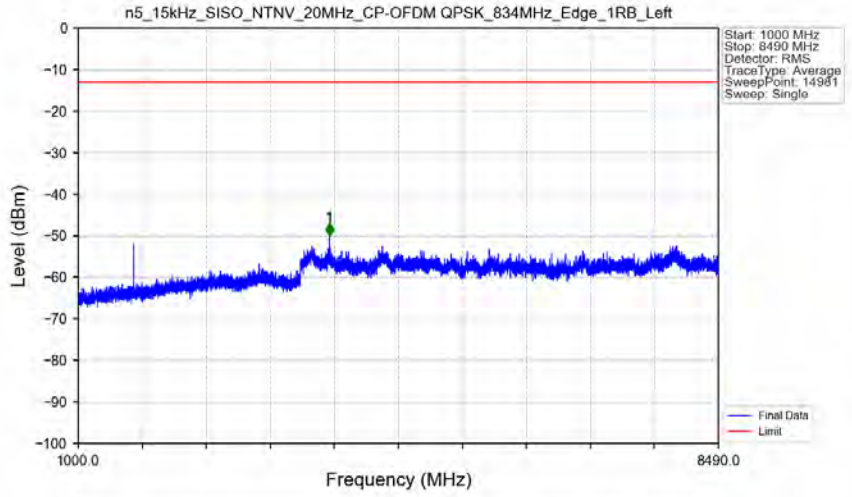
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.167	-49.35	-13	Pass
823	824	0.003	/	2	823.994	-43.76	-13	Pass
824	844	0.003	/	/	/	/	/	/

n5_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_834MHz_Edge_1RB_Left_Ant1



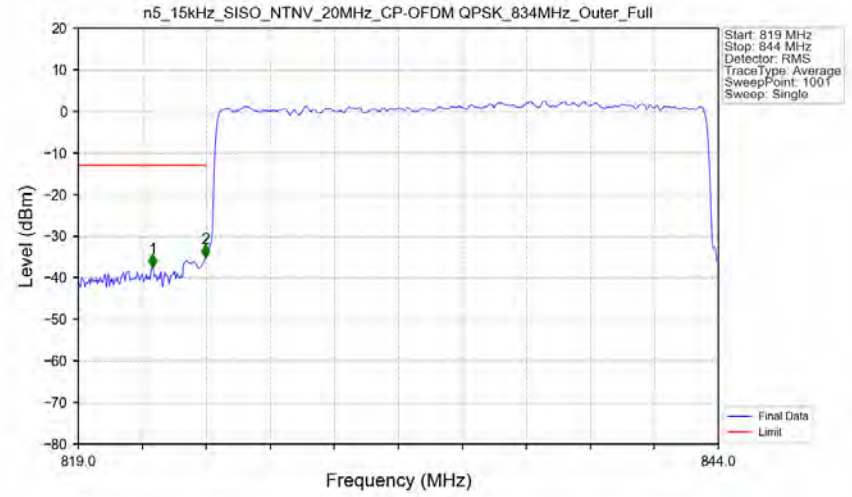
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	815.050	-49.39	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	871.300	-59.33	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_834MHz_Edge_1RB_Left_Ant1



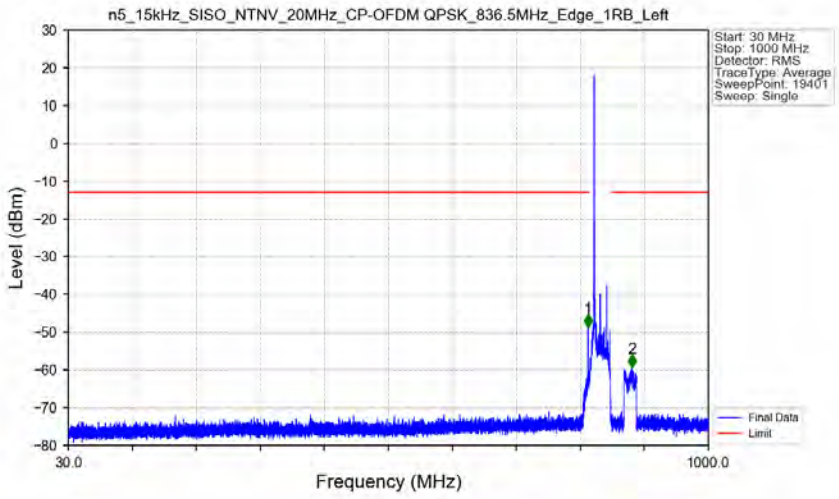
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	3937.500	-49.97	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_834MHz_Outer_Full_Ant1



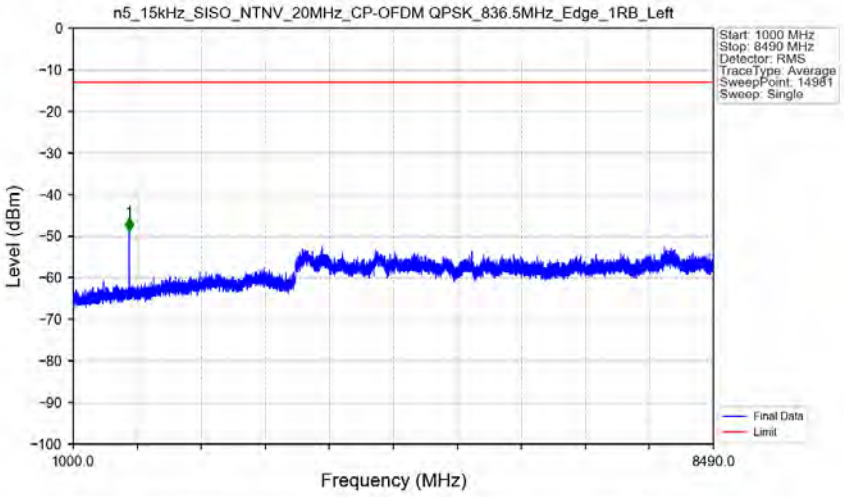
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	/	1	821.900	-37.57	-13	Pass
823	824	0.19387	CHP	2	823.975	-35.19	-13	Pass
824	844	0.19387	CHP	/	/	/	/	/

n5_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_836.5MHz_Edge_1RB_Left_Ant1



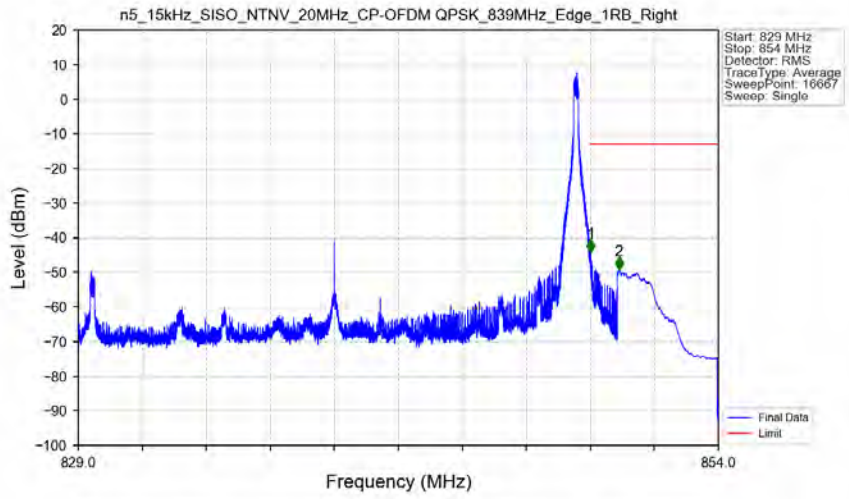
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	817.550	-48.68	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	884.350	-59.27	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_836.5MHz_Edge_1RB_Left_Ant1



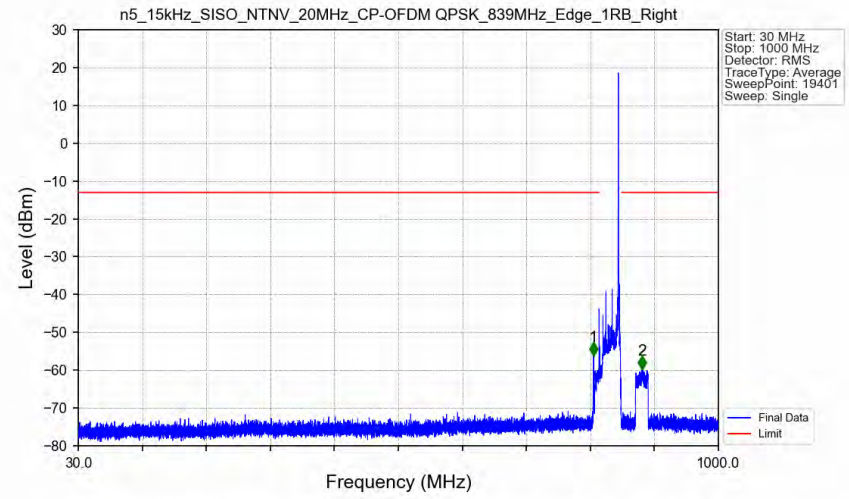
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1654.000	-48.69	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_839MHz_Edge_1RB_Right_Ant1



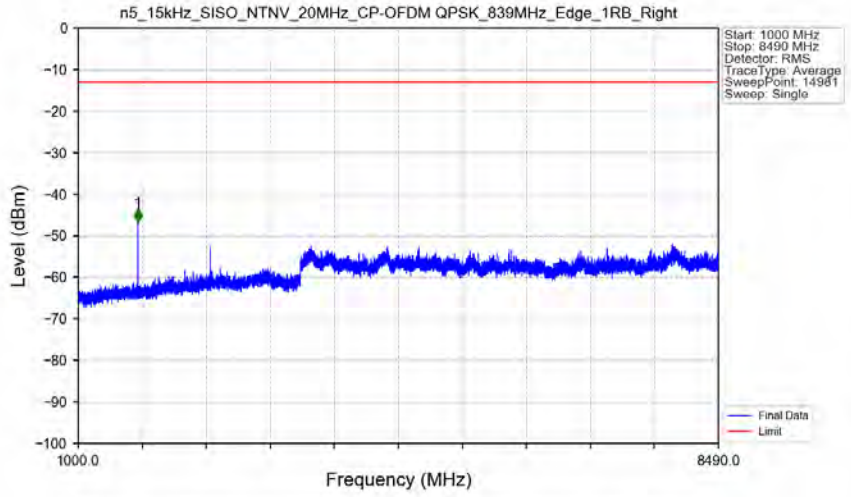
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
829	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.008	-44.21	-13	Pass
850	854	0.1	CHP	2	850.119	-49.30	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_839MHz_Edge_1RB_Right_Ant1



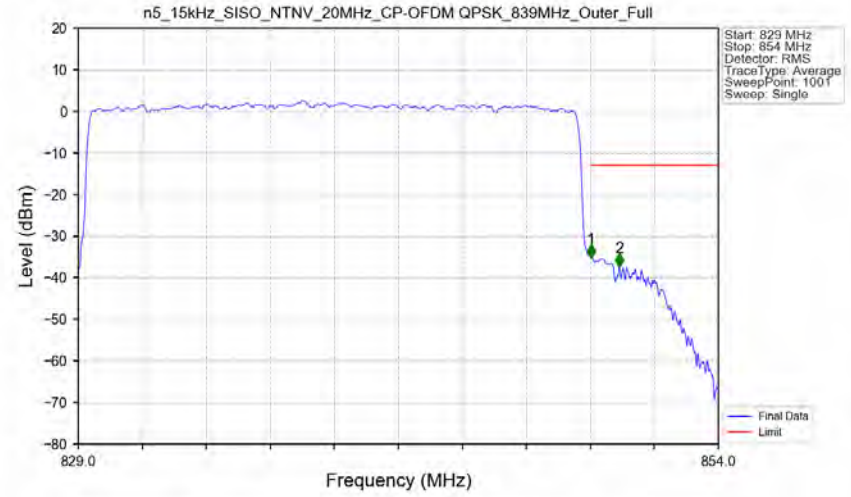
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	810.700	-56.06	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	884.300	-59.64	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_839MHz_Edge_1RB_Right_Ant1



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1697.000	-46.52	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_839MHz_Outer_Full_Ant1



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
829	849	0.19387	CHP	/	/	/	/	/
849	850	0.19387	CHP	1	849.025	-35.18	-13	Pass
850	854	0.1	/	2	850.125	-37.28	-13	Pass

6. Field Strength of Spurious Radiation

NR N5-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	-71.06	-13	-58.06	-73.94	2.62	5.5	Horizontal	Pass
2475.0	-58.51	-13	-45.51	-61.21	3.06	5.76	Horizontal	Pass
3300.0	-66.97	-13	-53.97	-71.34	3.3	7.67	Horizontal	Pass
1650.0	-63.3	-13	-50.3	-66.18	2.62	5.5	Vertical	Pass
2475.0	-67.5	-13	-54.5	-70.2	3.06	5.76	Vertical	Pass
3300.0	-67.66	-13	-54.66	-72.03	3.3	7.67	Vertical	Pass

NR N5-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	-52.89	-13	-39.89	-55.76	2.62	5.49	Horizontal	Pass
2482.5	-57.52	-13	-44.52	-60.23	3.07	5.78	Horizontal	Pass
3310.0	-67.54	-13	-54.54	-71.94	3.3	7.7	Horizontal	Pass
1655.0	-59.5	-13	-46.5	-62.37	2.62	5.49	Vertical	Pass
2482.5	-57.23	-13	-44.23	-59.94	3.07	5.78	Vertical	Pass
3310.0	-67.58	-13	-54.58	-71.98	3.3	7.7	Vertical	Pass

NR N5-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	-59.48	-13	-46.48	-62.34	2.62	5.48	Horizontal	Pass
2490.0	-57.84	-13	-44.84	-60.57	3.07	5.8	Horizontal	Pass
3320.0	-67.34	-13	-54.34	-71.75	3.31	7.72	Horizontal	Pass
1660.0	-66.81	-13	-53.81	-69.67	2.62	5.48	Vertical	Pass
2490.0	-57.3	-13	-44.3	-60.03	3.07	5.8	Vertical	Pass
3320.0	-67.43	-13	-54.43	-71.84	3.31	7.72	Vertical	Pass