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
			Ant0	Ant2	Sum	Ant0	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	826.5	Edge_1RB_Left	20.16	/	/	12.19	/	/	<=38.45	Pass
		Edge_1RB_Right	20.19	/	/	12.22	/	/	<=38.45	Pass
		Outer_Full	22.80	/	/	14.83	/	/	<=38.45	Pass
		Inner_Full	23.82	/	/	15.85	/	/	<=38.45	Pass
		Inner_1RB_Left	23.81	/	/	15.84	/	/	<=38.45	Pass
		Inner_1RB_Right	23.65	/	/	15.68	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	20.16	/	/	12.19	/	/	<=38.45	Pass
		Edge_1RB_Right	20.39	/	/	12.42	/	/	<=38.45	Pass
		Outer_Full	22.66	/	/	14.69	/	/	<=38.45	Pass
		Inner_Full	23.68	/	/	15.71	/	/	<=38.45	Pass
		Inner_1RB_Left	23.83	/	/	15.86	/	/	<=38.45	Pass
		Inner_1RB_Right	23.56	/	/	15.59	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	20.30	/	/	12.33	/	/	<=38.45	Pass
		Edge_1RB_Right	19.96	/	/	11.99	/	/	<=38.45	Pass
		Outer_Full	22.63	/	/	14.66	/	/	<=38.45	Pass
		Inner_Full	23.49	/	/	15.52	/	/	<=38.45	Pass
		Inner_1RB_Left	23.43	/	/	15.46	/	/	<=38.45	Pass
		Inner_1RB_Right	23.45	/	/	15.48	/	/	<=38.45	Pass
DFT-s-OFDM QPSK	826.5	Edge_1RB_Left	21.87	/	/	13.90	/	/	<=38.45	Pass
		Edge_1RB_Right	21.87	/	/	13.90	/	/	<=38.45	Pass
		Outer_Full	22.73	/	/	14.76	/	/	<=38.45	Pass
		Inner_Full	24.13	/	/	16.16	/	/	<=38.45	Pass
		Inner_1RB_Left	24.01	/	/	16.04	/	/	<=38.45	Pass
		Inner_1RB_Right	23.93	/	/	15.96	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.87	/	/	13.90	/	/	<=38.45	Pass
		Edge_1RB_Right	21.95	/	/	13.98	/	/	<=38.45	Pass
		Outer_Full	22.55	/	/	14.58	/	/	<=38.45	Pass
		Inner_Full	23.88	/	/	15.91	/	/	<=38.45	Pass
		Inner_1RB_Left	23.90	/	/	15.93	/	/	<=38.45	Pass
		Inner_1RB_Right	23.85	/	/	15.88	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	21.69	/	/	13.72	/	/	<=38.45	Pass
		Edge_1RB_Right	21.57	/	/	13.60	/	/	<=38.45	Pass
		Outer_Full	22.67	/	/	14.70	/	/	<=38.45	Pass
		Inner_Full	23.92	/	/	15.95	/	/	<=38.45	Pass
		Inner_1RB_Left	23.75	/	/	15.78	/	/	<=38.45	Pass
		Inner_1RB_Right	23.71	/	/	15.74	/	/	<=38.45	Pass
DFT-s-OFDM 16 QAM	826.5	Edge_1RB_Left	22.15	/	/	14.18	/	/	<=38.45	Pass
		Edge_1RB_Right	21.91	/	/	13.94	/	/	<=38.45	Pass
		Outer_Full	21.90	/	/	13.93	/	/	<=38.45	Pass
		Inner_Full	23.05	/	/	15.08	/	/	<=38.45	Pass
		Inner_1RB_Left	23.10	/	/	15.13	/	/	<=38.45	Pass
		Inner_1RB_Right	23.23	/	/	15.26	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.94	/	/	13.97	/	/	<=38.45	Pass
		Edge_1RB_Right	21.90	/	/	13.93	/	/	<=38.45	Pass
		Outer_Full	21.82	/	/	13.85	/	/	<=38.45	Pass
		Inner_Full	22.89	/	/	14.92	/	/	<=38.45	Pass
		Inner_1RB_Left	23.10	/	/	15.13	/	/	<=38.45	Pass

		Inner_1RB_Right	23.06	/	/	15.09	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	21.77	/	/	13.80	/	/	<=38.45	Pass
		Edge_1RB_Right	21.64	/	/	13.67	/	/	<=38.45	Pass
		Outer_Full	21.74	/	/	13.77	/	/	<=38.45	Pass
		Inner_Full	22.66	/	/	14.69	/	/	<=38.45	Pass
		Inner_1RB_Left	22.92	/	/	14.95	/	/	<=38.45	Pass
		Inner_1RB_Right	22.84	/	/	14.87	/	/	<=38.45	Pass
DFT-s-OFDM 64 QAM	826.5	Edge_1RB_Left	21.43	/	/	13.46	/	/	<=38.45	Pass
		Edge_1RB_Right	21.33	/	/	13.36	/	/	<=38.45	Pass
		Outer_Full	21.43	/	/	13.46	/	/	<=38.45	Pass
		Inner_Full	21.45	/	/	13.48	/	/	<=38.45	Pass
		Inner_1RB_Left	21.45	/	/	13.48	/	/	<=38.45	Pass
		Inner_1RB_Right	21.36	/	/	13.39	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.32	/	/	13.35	/	/	<=38.45	Pass
		Edge_1RB_Right	21.36	/	/	13.39	/	/	<=38.45	Pass
		Outer_Full	21.46	/	/	13.49	/	/	<=38.45	Pass
		Inner_Full	21.39	/	/	13.42	/	/	<=38.45	Pass
		Inner_1RB_Left	21.32	/	/	13.35	/	/	<=38.45	Pass
		Inner_1RB_Right	21.34	/	/	13.37	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	21.40	/	/	13.43	/	/	<=38.45	Pass
		Edge_1RB_Right	21.21	/	/	13.24	/	/	<=38.45	Pass
		Outer_Full	21.31	/	/	13.34	/	/	<=38.45	Pass
		Inner_Full	21.16	/	/	13.19	/	/	<=38.45	Pass
		Inner_1RB_Left	21.41	/	/	13.44	/	/	<=38.45	Pass
		Inner_1RB_Right	21.27	/	/	13.30	/	/	<=38.45	Pass
DFT-s-OFDM 256 QAM	826.5	Edge_1RB_Left	19.04	/	/	11.07	/	/	<=38.45	Pass
		Edge_1RB_Right	18.92	/	/	10.95	/	/	<=38.45	Pass
		Outer_Full	19.11	/	/	11.14	/	/	<=38.45	Pass
		Inner_Full	19.09	/	/	11.12	/	/	<=38.45	Pass
		Inner_1RB_Left	19.08	/	/	11.11	/	/	<=38.45	Pass
		Inner_1RB_Right	18.94	/	/	10.97	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	19.01	/	/	11.04	/	/	<=38.45	Pass
		Edge_1RB_Right	18.88	/	/	10.91	/	/	<=38.45	Pass
		Outer_Full	19.14	/	/	11.17	/	/	<=38.45	Pass
		Inner_Full	19.37	/	/	11.40	/	/	<=38.45	Pass
		Inner_1RB_Left	19.02	/	/	11.05	/	/	<=38.45	Pass
		Inner_1RB_Right	18.88	/	/	10.91	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	19.11	/	/	11.14	/	/	<=38.45	Pass
		Edge_1RB_Right	18.81	/	/	10.84	/	/	<=38.45	Pass
		Outer_Full	18.92	/	/	10.95	/	/	<=38.45	Pass
		Inner_Full	18.89	/	/	10.92	/	/	<=38.45	Pass
		Inner_1RB_Left	18.77	/	/	10.80	/	/	<=38.45	Pass
		Inner_1RB_Right	18.69	/	/	10.72	/	/	<=38.45	Pass
CP-OFDM QPSK	826.5	Edge_1RB_Left	20.97	/	/	13.00	/	/	<=38.45	Pass
		Edge_1RB_Right	20.81	/	/	12.84	/	/	<=38.45	Pass
		Outer_Full	21.02	/	/	13.05	/	/	<=38.45	Pass
		Inner_Full	22.53	/	/	14.56	/	/	<=38.45	Pass
		Inner_1RB_Left	22.66	/	/	14.69	/	/	<=38.45	Pass
		Inner_1RB_Right	22.62	/	/	14.65	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	20.89	/	/	12.92	/	/	<=38.45	Pass
		Edge_1RB_Right	20.79	/	/	12.82	/	/	<=38.45	Pass
		Outer_Full	20.92	/	/	12.95	/	/	<=38.45	Pass
		Inner_Full	22.41	/	/	14.44	/	/	<=38.45	Pass
		Inner_1RB_Left	22.42	/	/	14.45	/	/	<=38.45	Pass
		Inner_1RB_Right	22.54	/	/	14.57	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	20.70	/	/	12.73	/	/	<=38.45	Pass
		Edge_1RB_Right	20.69	/	/	12.72	/	/	<=38.45	Pass
		Outer_Full	20.96	/	/	12.99	/	/	<=38.45	Pass
		Inner_Full	22.22	/	/	14.25	/	/	<=38.45	Pass

		Inner_1RB_Left	22.34	/	/	14.37	/	/	<=38.45	Pass
		Inner_1RB_Right	22.36	/	/	14.39	/	/	<=38.45	Pass
CP-OFDM 16 QAM	826.5	Edge_1RB_Left	20.88	/	/	12.91	/	/	<=38.45	Pass
		Edge_1RB_Right	20.73	/	/	12.76	/	/	<=38.45	Pass
		Outer_Full	20.83	/	/	12.86	/	/	<=38.45	Pass
		Inner_Full	21.80	/	/	13.83	/	/	<=38.45	Pass
		Inner_1RB_Left	22.05	/	/	14.08	/	/	<=38.45	Pass
		Inner_1RB_Right	21.91	/	/	13.94	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	20.62	/	/	12.65	/	/	<=38.45	Pass
		Edge_1RB_Right	20.62	/	/	12.65	/	/	<=38.45	Pass
		Outer_Full	20.94	/	/	12.97	/	/	<=38.45	Pass
		Inner_Full	21.91	/	/	13.94	/	/	<=38.45	Pass
		Inner_1RB_Left	21.86	/	/	13.89	/	/	<=38.45	Pass
		Inner_1RB_Right	22.05	/	/	14.08	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	20.60	/	/	12.63	/	/	<=38.45	Pass
		Edge_1RB_Right	20.56	/	/	12.59	/	/	<=38.45	Pass
		Outer_Full	20.59	/	/	12.62	/	/	<=38.45	Pass
		Inner_Full	21.76	/	/	13.79	/	/	<=38.45	Pass
		Inner_1RB_Left	21.77	/	/	13.80	/	/	<=38.45	Pass
		Inner_1RB_Right	21.75	/	/	13.78	/	/	<=38.45	Pass
CP-OFDM 64 QAM	826.5	Edge_1RB_Left	20.78	/	/	12.81	/	/	<=38.45	Pass
		Edge_1RB_Right	20.37	/	/	12.40	/	/	<=38.45	Pass
		Outer_Full	19.31	/	/	11.34	/	/	<=38.45	Pass
		Inner_Full	20.66	/	/	12.69	/	/	<=38.45	Pass
		Inner_1RB_Left	20.44	/	/	12.47	/	/	<=38.45	Pass
		Inner_1RB_Right	20.41	/	/	12.44	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	20.37	/	/	12.40	/	/	<=38.45	Pass
		Edge_1RB_Right	20.31	/	/	12.34	/	/	<=38.45	Pass
		Outer_Full	19.26	/	/	11.29	/	/	<=38.45	Pass
		Inner_Full	20.19	/	/	12.22	/	/	<=38.45	Pass
		Inner_1RB_Left	20.39	/	/	12.42	/	/	<=38.45	Pass
		Inner_1RB_Right	20.41	/	/	12.44	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	20.19	/	/	12.22	/	/	<=38.45	Pass
		Edge_1RB_Right	20.24	/	/	12.27	/	/	<=38.45	Pass
		Outer_Full	19.14	/	/	11.17	/	/	<=38.45	Pass
		Inner_Full	20.43	/	/	12.46	/	/	<=38.45	Pass
		Inner_1RB_Left	20.17	/	/	12.20	/	/	<=38.45	Pass
		Inner_1RB_Right	20.02	/	/	12.05	/	/	<=38.45	Pass
CP-OFDM 256 QAM	826.5	Edge_1RB_Left	17.43	/	/	9.46	/	/	<=38.45	Pass
		Edge_1RB_Right	17.41	/	/	9.44	/	/	<=38.45	Pass
		Outer_Full	17.63	/	/	9.66	/	/	<=38.45	Pass
		Inner_Full	17.64	/	/	9.67	/	/	<=38.45	Pass
		Inner_1RB_Left	17.47	/	/	9.50	/	/	<=38.45	Pass
		Inner_1RB_Right	17.36	/	/	9.39	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	17.29	/	/	9.32	/	/	<=38.45	Pass
		Edge_1RB_Right	17.31	/	/	9.34	/	/	<=38.45	Pass
		Outer_Full	17.50	/	/	9.53	/	/	<=38.45	Pass
		Inner_Full	17.56	/	/	9.59	/	/	<=38.45	Pass
		Inner_1RB_Left	17.31	/	/	9.34	/	/	<=38.45	Pass
		Inner_1RB_Right	17.37	/	/	9.40	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	17.20	/	/	9.23	/	/	<=38.45	Pass
		Edge_1RB_Right	17.24	/	/	9.27	/	/	<=38.45	Pass
		Outer_Full	17.40	/	/	9.43	/	/	<=38.45	Pass
		Inner_Full	17.61	/	/	9.64	/	/	<=38.45	Pass
		Inner_1RB_Left	17.36	/	/	9.39	/	/	<=38.45	Pass
		Inner_1RB_Right	17.35	/	/	9.38	/	/	<=38.45	Pass

Note1: Antenna Gain: Ant0: -5.82dBi;
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
			Ant0	Ant2	Sum	Ant0	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	829	Edge_1RB_Left	20.15	/	/	12.18	/	/	<=38.45	Pass
		Edge_1RB_Right	20.09	/	/	12.12	/	/	<=38.45	Pass
		Outer_Full	22.65	/	/	14.68	/	/	<=38.45	Pass
		Inner_Full	23.80	/	/	15.83	/	/	<=38.45	Pass
		Inner_1RB_Left	23.82	/	/	15.85	/	/	<=38.45	Pass
		Inner_1RB_Right	23.73	/	/	15.76	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	20.53	/	/	12.56	/	/	<=38.45	Pass
		Edge_1RB_Right	19.95	/	/	11.98	/	/	<=38.45	Pass
		Outer_Full	22.73	/	/	14.76	/	/	<=38.45	Pass
		Inner_Full	23.88	/	/	15.91	/	/	<=38.45	Pass
		Inner_1RB_Left	23.86	/	/	15.89	/	/	<=38.45	Pass
		Inner_1RB_Right	23.56	/	/	15.59	/	/	<=38.45	Pass
	844	Edge_1RB_Left	20.02	/	/	12.05	/	/	<=38.45	Pass
		Edge_1RB_Right	19.93	/	/	11.96	/	/	<=38.45	Pass
		Outer_Full	22.53	/	/	14.56	/	/	<=38.45	Pass
		Inner_Full	23.56	/	/	15.59	/	/	<=38.45	Pass
		Inner_1RB_Left	23.60	/	/	15.63	/	/	<=38.45	Pass
		Inner_1RB_Right	23.59	/	/	15.62	/	/	<=38.45	Pass
DFT-s-OFDM QPSK	829	Edge_1RB_Left	22.06	/	/	14.09	/	/	<=38.45	Pass
		Edge_1RB_Right	21.68	/	/	13.71	/	/	<=38.45	Pass
		Outer_Full	22.72	/	/	14.75	/	/	<=38.45	Pass
		Inner_Full	24.26	/	/	16.29	/	/	<=38.45	Pass
		Inner_1RB_Left	23.88	/	/	15.91	/	/	<=38.45	Pass
		Inner_1RB_Right	23.96	/	/	15.99	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.71	/	/	13.74	/	/	<=38.45	Pass
		Edge_1RB_Right	21.71	/	/	13.74	/	/	<=38.45	Pass
		Outer_Full	22.67	/	/	14.70	/	/	<=38.45	Pass
		Inner_Full	23.99	/	/	16.02	/	/	<=38.45	Pass
		Inner_1RB_Left	24.12	/	/	16.15	/	/	<=38.45	Pass
		Inner_1RB_Right	23.93	/	/	15.96	/	/	<=38.45	Pass
	844	Edge_1RB_Left	21.64	/	/	13.67	/	/	<=38.45	Pass
		Edge_1RB_Right	21.60	/	/	13.63	/	/	<=38.45	Pass
		Outer_Full	22.58	/	/	14.61	/	/	<=38.45	Pass
		Inner_Full	23.91	/	/	15.94	/	/	<=38.45	Pass
		Inner_1RB_Left	23.91	/	/	15.94	/	/	<=38.45	Pass
		Inner_1RB_Right	23.88	/	/	15.91	/	/	<=38.45	Pass
DFT-s-OFDM 16 QAM	829	Edge_1RB_Left	22.01	/	/	14.04	/	/	<=38.45	Pass
		Edge_1RB_Right	21.92	/	/	13.95	/	/	<=38.45	Pass
		Outer_Full	22.04	/	/	14.07	/	/	<=38.45	Pass
		Inner_Full	22.86	/	/	14.89	/	/	<=38.45	Pass
		Inner_1RB_Left	23.13	/	/	15.16	/	/	<=38.45	Pass
		Inner_1RB_Right	23.01	/	/	15.04	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.97	/	/	14.00	/	/	<=38.45	Pass
		Edge_1RB_Right	22.15	/	/	14.18	/	/	<=38.45	Pass
		Outer_Full	21.89	/	/	13.92	/	/	<=38.45	Pass
		Inner_Full	23.07	/	/	15.10	/	/	<=38.45	Pass
		Inner_1RB_Left	22.93	/	/	14.96	/	/	<=38.45	Pass
		Inner_1RB_Right	22.89	/	/	14.92	/	/	<=38.45	Pass
	844	Edge_1RB_Left	21.67	/	/	13.70	/	/	<=38.45	Pass
		Edge_1RB_Right	21.72	/	/	13.75	/	/	<=38.45	Pass
		Outer_Full	21.70	/	/	13.73	/	/	<=38.45	Pass
		Inner_Full	22.70	/	/	14.73	/	/	<=38.45	Pass
		Inner_1RB_Left	22.79	/	/	14.82	/	/	<=38.45	Pass
		Inner_1RB_Right	22.79	/	/	14.82	/	/	<=38.45	Pass
DFT-s-OFDM 64 QAM	829	Edge_1RB_Left	21.40	/	/	13.43	/	/	<=38.45	Pass

		Edge_1RB_Right	21.31	/	/	13.34	/	/	<=38.45	Pass
		Outer_Full	21.38	/	/	13.41	/	/	<=38.45	Pass
		Inner_Full	21.49	/	/	13.52	/	/	<=38.45	Pass
		Inner_1RB_Left	21.33	/	/	13.36	/	/	<=38.45	Pass
		Inner_1RB_Right	21.26	/	/	13.29	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.30	/	/	13.33	/	/	<=38.45	Pass
		Edge_1RB_Right	21.30	/	/	13.33	/	/	<=38.45	Pass
		Outer_Full	21.36	/	/	13.39	/	/	<=38.45	Pass
		Inner_Full	21.49	/	/	13.52	/	/	<=38.45	Pass
		Inner_1RB_Left	21.27	/	/	13.30	/	/	<=38.45	Pass
		Inner_1RB_Right	21.50	/	/	13.53	/	/	<=38.45	Pass
	844	Edge_1RB_Left	21.32	/	/	13.35	/	/	<=38.45	Pass
		Edge_1RB_Right	21.20	/	/	13.23	/	/	<=38.45	Pass
		Outer_Full	21.21	/	/	13.24	/	/	<=38.45	Pass
		Inner_Full	21.16	/	/	13.19	/	/	<=38.45	Pass
		Inner_1RB_Left	21.22	/	/	13.25	/	/	<=38.45	Pass
		Inner_1RB_Right	21.21	/	/	13.24	/	/	<=38.45	Pass
DFT-s-OFDM 256 QAM	829	Edge_1RB_Left	18.99	/	/	11.02	/	/	<=38.45	Pass
		Edge_1RB_Right	18.76	/	/	10.79	/	/	<=38.45	Pass
		Outer_Full	19.43	/	/	11.46	/	/	<=38.45	Pass
		Inner_Full	19.19	/	/	11.22	/	/	<=38.45	Pass
		Inner_1RB_Left	19.02	/	/	11.05	/	/	<=38.45	Pass
		Inner_1RB_Right	18.88	/	/	10.91	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	18.86	/	/	10.89	/	/	<=38.45	Pass
		Edge_1RB_Right	18.84	/	/	10.87	/	/	<=38.45	Pass
		Outer_Full	19.12	/	/	11.15	/	/	<=38.45	Pass
		Inner_Full	19.07	/	/	11.10	/	/	<=38.45	Pass
		Inner_1RB_Left	18.99	/	/	11.02	/	/	<=38.45	Pass
		Inner_1RB_Right	18.76	/	/	10.79	/	/	<=38.45	Pass
	844	Edge_1RB_Left	18.77	/	/	10.80	/	/	<=38.45	Pass
		Edge_1RB_Right	18.62	/	/	10.65	/	/	<=38.45	Pass
		Outer_Full	19.07	/	/	11.10	/	/	<=38.45	Pass
		Inner_Full	19.06	/	/	11.09	/	/	<=38.45	Pass
		Inner_1RB_Left	18.74	/	/	10.77	/	/	<=38.45	Pass
		Inner_1RB_Right	18.80	/	/	10.83	/	/	<=38.45	Pass
CP-OFDM QPSK	829	Edge_1RB_Left	21.05	/	/	13.08	/	/	<=38.45	Pass
		Edge_1RB_Right	20.78	/	/	12.81	/	/	<=38.45	Pass
		Outer_Full	20.86	/	/	12.89	/	/	<=38.45	Pass
		Inner_Full	22.48	/	/	14.51	/	/	<=38.45	Pass
		Inner_1RB_Left	22.69	/	/	14.72	/	/	<=38.45	Pass
		Inner_1RB_Right	22.37	/	/	14.40	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	20.85	/	/	12.88	/	/	<=38.45	Pass
		Edge_1RB_Right	20.68	/	/	12.71	/	/	<=38.45	Pass
		Outer_Full	21.07	/	/	13.10	/	/	<=38.45	Pass
		Inner_Full	22.44	/	/	14.47	/	/	<=38.45	Pass
		Inner_1RB_Left	22.50	/	/	14.53	/	/	<=38.45	Pass
		Inner_1RB_Right	22.38	/	/	14.41	/	/	<=38.45	Pass
	844	Edge_1RB_Left	20.73	/	/	12.76	/	/	<=38.45	Pass
		Edge_1RB_Right	20.59	/	/	12.62	/	/	<=38.45	Pass
		Outer_Full	20.61	/	/	12.64	/	/	<=38.45	Pass
		Inner_Full	22.22	/	/	14.25	/	/	<=38.45	Pass
		Inner_1RB_Left	22.42	/	/	14.45	/	/	<=38.45	Pass
		Inner_1RB_Right	22.51	/	/	14.54	/	/	<=38.45	Pass
CP-OFDM 16 QAM	829	Edge_1RB_Left	20.80	/	/	12.83	/	/	<=38.45	Pass
		Edge_1RB_Right	20.63	/	/	12.66	/	/	<=38.45	Pass
		Outer_Full	20.87	/	/	12.90	/	/	<=38.45	Pass
		Inner_Full	21.76	/	/	13.79	/	/	<=38.45	Pass
		Inner_1RB_Left	22.05	/	/	14.08	/	/	<=38.45	Pass
		Inner_1RB_Right	21.97	/	/	14.00	/	/	<=38.45	Pass

	836.5	Edge_1RB_Left	20.79	/	/	12.82	/	/	<=38.45	Pass
		Edge_1RB_Right	20.99	/	/	13.02	/	/	<=38.45	Pass
		Outer_Full	20.79	/	/	12.82	/	/	<=38.45	Pass
		Inner_Full	21.91	/	/	13.94	/	/	<=38.45	Pass
		Inner_1RB_Left	22.06	/	/	14.09	/	/	<=38.45	Pass
		Inner_1RB_Right	21.95	/	/	13.98	/	/	<=38.45	Pass
	844	Edge_1RB_Left	20.71	/	/	12.74	/	/	<=38.45	Pass
		Edge_1RB_Right	20.74	/	/	12.77	/	/	<=38.45	Pass
		Outer_Full	20.54	/	/	12.57	/	/	<=38.45	Pass
		Inner_Full	21.67	/	/	13.70	/	/	<=38.45	Pass
		Inner_1RB_Left	21.76	/	/	13.79	/	/	<=38.45	Pass
		Inner_1RB_Right	21.71	/	/	13.74	/	/	<=38.45	Pass
CP-OFDM 64 QAM	829	Edge_1RB_Left	20.37	/	/	12.40	/	/	<=38.45	Pass
		Edge_1RB_Right	20.21	/	/	12.24	/	/	<=38.45	Pass
		Outer_Full	19.18	/	/	11.21	/	/	<=38.45	Pass
		Inner_Full	20.30	/	/	12.33	/	/	<=38.45	Pass
		Inner_1RB_Left	20.37	/	/	12.40	/	/	<=38.45	Pass
		Inner_1RB_Right	20.21	/	/	12.24	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	20.41	/	/	12.44	/	/	<=38.45	Pass
		Edge_1RB_Right	20.24	/	/	12.27	/	/	<=38.45	Pass
		Outer_Full	19.29	/	/	11.32	/	/	<=38.45	Pass
		Inner_Full	20.21	/	/	12.24	/	/	<=38.45	Pass
		Inner_1RB_Left	20.41	/	/	12.44	/	/	<=38.45	Pass
		Inner_1RB_Right	20.57	/	/	12.60	/	/	<=38.45	Pass
	844	Edge_1RB_Left	20.23	/	/	12.26	/	/	<=38.45	Pass
		Edge_1RB_Right	20.22	/	/	12.25	/	/	<=38.45	Pass
		Outer_Full	19.43	/	/	11.46	/	/	<=38.45	Pass
		Inner_Full	20.26	/	/	12.29	/	/	<=38.45	Pass
		Inner_1RB_Left	20.28	/	/	12.31	/	/	<=38.45	Pass
		Inner_1RB_Right	20.28	/	/	12.31	/	/	<=38.45	Pass
CP-OFDM 256 QAM	829	Edge_1RB_Left	17.41	/	/	9.44	/	/	<=38.45	Pass
		Edge_1RB_Right	17.37	/	/	9.40	/	/	<=38.45	Pass
		Outer_Full	17.70	/	/	9.73	/	/	<=38.45	Pass
		Inner_Full	17.49	/	/	9.52	/	/	<=38.45	Pass
		Inner_1RB_Left	17.39	/	/	9.42	/	/	<=38.45	Pass
		Inner_1RB_Right	17.33	/	/	9.36	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	17.30	/	/	9.33	/	/	<=38.45	Pass
		Edge_1RB_Right	17.21	/	/	9.24	/	/	<=38.45	Pass
		Outer_Full	17.43	/	/	9.46	/	/	<=38.45	Pass
		Inner_Full	17.56	/	/	9.59	/	/	<=38.45	Pass
		Inner_1RB_Left	17.22	/	/	9.25	/	/	<=38.45	Pass
		Inner_1RB_Right	17.11	/	/	9.14	/	/	<=38.45	Pass
	844	Edge_1RB_Left	17.25	/	/	9.28	/	/	<=38.45	Pass
		Edge_1RB_Right	17.21	/	/	9.24	/	/	<=38.45	Pass
		Outer_Full	17.44	/	/	9.47	/	/	<=38.45	Pass
		Inner_Full	17.25	/	/	9.28	/	/	<=38.45	Pass
		Inner_1RB_Left	17.12	/	/	9.15	/	/	<=38.45	Pass
		Inner_1RB_Right	17.15	/	/	9.18	/	/	<=38.45	Pass
Note1: Antenna Gain: Ant0: -5.82dBi; 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
			Ant0	Ant2	Sum	Ant0	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	831.5	Edge_1RB_Left	20.21	/	/	12.24	/	/	<=38.45	Pass
		Edge_1RB_Right	20.18	/	/	12.21	/	/	<=38.45	Pass

		Outer_Full	22.68	/	/	14.71	/	/	<=38.45	Pass
		Inner_Full	23.83	/	/	15.86	/	/	<=38.45	Pass
		Inner_1RB_Left	23.77	/	/	15.80	/	/	<=38.45	Pass
		Inner_1RB_Right	23.73	/	/	15.76	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	20.17	/	/	12.20	/	/	<=38.45	Pass
		Edge_1RB_Right	20.01	/	/	12.04	/	/	<=38.45	Pass
		Outer_Full	22.63	/	/	14.66	/	/	<=38.45	Pass
		Inner_Full	23.74	/	/	15.77	/	/	<=38.45	Pass
		Inner_1RB_Left	23.76	/	/	15.79	/	/	<=38.45	Pass
		Inner_1RB_Right	23.71	/	/	15.74	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	20.16	/	/	12.19	/	/	<=38.45	Pass
		Edge_1RB_Right	19.97	/	/	12.00	/	/	<=38.45	Pass
		Outer_Full	22.50	/	/	14.53	/	/	<=38.45	Pass
		Inner_Full	23.69	/	/	15.72	/	/	<=38.45	Pass
		Inner_1RB_Left	23.53	/	/	15.56	/	/	<=38.45	Pass
		Inner_1RB_Right	23.58	/	/	15.61	/	/	<=38.45	Pass
DFT-s-OFDM QPSK	831.5	Edge_1RB_Left	21.77	/	/	13.80	/	/	<=38.45	Pass
		Edge_1RB_Right	21.65	/	/	13.68	/	/	<=38.45	Pass
		Outer_Full	22.62	/	/	14.65	/	/	<=38.45	Pass
		Inner_Full	23.95	/	/	15.98	/	/	<=38.45	Pass
		Inner_1RB_Left	24.00	/	/	16.03	/	/	<=38.45	Pass
		Inner_1RB_Right	23.92	/	/	15.95	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.91	/	/	13.94	/	/	<=38.45	Pass
		Edge_1RB_Right	21.70	/	/	13.73	/	/	<=38.45	Pass
		Outer_Full	22.56	/	/	14.59	/	/	<=38.45	Pass
		Inner_Full	23.88	/	/	15.91	/	/	<=38.45	Pass
		Inner_1RB_Left	24.06	/	/	16.09	/	/	<=38.45	Pass
		Inner_1RB_Right	24.02	/	/	16.05	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	21.80	/	/	13.83	/	/	<=38.45	Pass
		Edge_1RB_Right	21.87	/	/	13.90	/	/	<=38.45	Pass
		Outer_Full	22.57	/	/	14.60	/	/	<=38.45	Pass
		Inner_Full	23.77	/	/	15.80	/	/	<=38.45	Pass
		Inner_1RB_Left	23.96	/	/	15.99	/	/	<=38.45	Pass
		Inner_1RB_Right	23.90	/	/	15.93	/	/	<=38.45	Pass
DFT-s-OFDM 16 QAM	831.5	Edge_1RB_Left	22.06	/	/	14.09	/	/	<=38.45	Pass
		Edge_1RB_Right	21.90	/	/	13.93	/	/	<=38.45	Pass
		Outer_Full	21.86	/	/	13.89	/	/	<=38.45	Pass
		Inner_Full	22.94	/	/	14.97	/	/	<=38.45	Pass
		Inner_1RB_Left	22.99	/	/	15.02	/	/	<=38.45	Pass
		Inner_1RB_Right	22.86	/	/	14.89	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.94	/	/	13.97	/	/	<=38.45	Pass
		Edge_1RB_Right	21.80	/	/	13.83	/	/	<=38.45	Pass
		Outer_Full	21.82	/	/	13.85	/	/	<=38.45	Pass
		Inner_Full	22.86	/	/	14.89	/	/	<=38.45	Pass
		Inner_1RB_Left	23.27	/	/	15.30	/	/	<=38.45	Pass
		Inner_1RB_Right	22.96	/	/	14.99	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	21.99	/	/	14.02	/	/	<=38.45	Pass
		Edge_1RB_Right	21.88	/	/	13.91	/	/	<=38.45	Pass
		Outer_Full	21.74	/	/	13.77	/	/	<=38.45	Pass
		Inner_Full	22.62	/	/	14.65	/	/	<=38.45	Pass
		Inner_1RB_Left	22.86	/	/	14.89	/	/	<=38.45	Pass
		Inner_1RB_Right	22.85	/	/	14.88	/	/	<=38.45	Pass
DFT-s-OFDM 64 QAM	831.5	Edge_1RB_Left	21.46	/	/	13.49	/	/	<=38.45	Pass
		Edge_1RB_Right	21.21	/	/	13.24	/	/	<=38.45	Pass
		Outer_Full	21.45	/	/	13.48	/	/	<=38.45	Pass
		Inner_Full	21.37	/	/	13.40	/	/	<=38.45	Pass
		Inner_1RB_Left	21.40	/	/	13.43	/	/	<=38.45	Pass
		Inner_1RB_Right	21.19	/	/	13.22	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.51	/	/	13.54	/	/	<=38.45	Pass

		Edge_1RB_Right	21.53	/	/	13.56	/	/	<=38.45	Pass
		Outer_Full	21.32	/	/	13.35	/	/	<=38.45	Pass
		Inner_Full	21.29	/	/	13.32	/	/	<=38.45	Pass
		Inner_1RB_Left	21.45	/	/	13.48	/	/	<=38.45	Pass
		Inner_1RB_Right	21.27	/	/	13.30	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	21.25	/	/	13.28	/	/	<=38.45	Pass
		Edge_1RB_Right	21.25	/	/	13.28	/	/	<=38.45	Pass
		Outer_Full	21.44	/	/	13.47	/	/	<=38.45	Pass
		Inner_Full	21.16	/	/	13.19	/	/	<=38.45	Pass
		Inner_1RB_Left	21.41	/	/	13.44	/	/	<=38.45	Pass
		Inner_1RB_Right	21.25	/	/	13.28	/	/	<=38.45	Pass
DFT-s-OFDM 256 QAM	831.5	Edge_1RB_Left	18.97	/	/	11.00	/	/	<=38.45	Pass
		Edge_1RB_Right	18.91	/	/	10.94	/	/	<=38.45	Pass
		Outer_Full	19.13	/	/	11.16	/	/	<=38.45	Pass
		Inner_Full	18.99	/	/	11.02	/	/	<=38.45	Pass
		Inner_1RB_Left	18.96	/	/	10.99	/	/	<=38.45	Pass
		Inner_1RB_Right	18.99	/	/	11.02	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	18.94	/	/	10.97	/	/	<=38.45	Pass
		Edge_1RB_Right	18.90	/	/	10.93	/	/	<=38.45	Pass
		Outer_Full	19.12	/	/	11.15	/	/	<=38.45	Pass
		Inner_Full	19.04	/	/	11.07	/	/	<=38.45	Pass
		Inner_1RB_Left	18.93	/	/	10.96	/	/	<=38.45	Pass
		Inner_1RB_Right	18.87	/	/	10.90	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	18.79	/	/	10.82	/	/	<=38.45	Pass
		Edge_1RB_Right	18.90	/	/	10.93	/	/	<=38.45	Pass
		Outer_Full	18.99	/	/	11.02	/	/	<=38.45	Pass
		Inner_Full	18.92	/	/	10.95	/	/	<=38.45	Pass
		Inner_1RB_Left	18.78	/	/	10.81	/	/	<=38.45	Pass
		Inner_1RB_Right	18.83	/	/	10.86	/	/	<=38.45	Pass
CP-OFDM QPSK	831.5	Edge_1RB_Left	20.89	/	/	12.92	/	/	<=38.45	Pass
		Edge_1RB_Right	20.64	/	/	12.67	/	/	<=38.45	Pass
		Outer_Full	20.75	/	/	12.78	/	/	<=38.45	Pass
		Inner_Full	22.76	/	/	14.79	/	/	<=38.45	Pass
		Inner_1RB_Left	22.57	/	/	14.60	/	/	<=38.45	Pass
		Inner_1RB_Right	22.46	/	/	14.49	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	20.80	/	/	12.83	/	/	<=38.45	Pass
		Edge_1RB_Right	20.74	/	/	12.77	/	/	<=38.45	Pass
		Outer_Full	20.80	/	/	12.83	/	/	<=38.45	Pass
		Inner_Full	22.48	/	/	14.51	/	/	<=38.45	Pass
		Inner_1RB_Left	22.55	/	/	14.58	/	/	<=38.45	Pass
		Inner_1RB_Right	22.50	/	/	14.53	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	20.67	/	/	12.70	/	/	<=38.45	Pass
		Edge_1RB_Right	20.57	/	/	12.60	/	/	<=38.45	Pass
		Outer_Full	20.69	/	/	12.72	/	/	<=38.45	Pass
		Inner_Full	22.49	/	/	14.52	/	/	<=38.45	Pass
		Inner_1RB_Left	22.39	/	/	14.42	/	/	<=38.45	Pass
		Inner_1RB_Right	22.48	/	/	14.51	/	/	<=38.45	Pass
CP-OFDM 16 QAM	831.5	Edge_1RB_Left	20.92	/	/	12.95	/	/	<=38.45	Pass
		Edge_1RB_Right	20.75	/	/	12.78	/	/	<=38.45	Pass
		Outer_Full	20.78	/	/	12.81	/	/	<=38.45	Pass
		Inner_Full	21.93	/	/	13.96	/	/	<=38.45	Pass
		Inner_1RB_Left	22.15	/	/	14.18	/	/	<=38.45	Pass
		Inner_1RB_Right	22.14	/	/	14.17	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	20.97	/	/	13.00	/	/	<=38.45	Pass
		Edge_1RB_Right	20.87	/	/	12.90	/	/	<=38.45	Pass
		Outer_Full	20.74	/	/	12.77	/	/	<=38.45	Pass
		Inner_Full	21.84	/	/	13.87	/	/	<=38.45	Pass
		Inner_1RB_Left	22.06	/	/	14.09	/	/	<=38.45	Pass
		Inner_1RB_Right	21.92	/	/	13.95	/	/	<=38.45	Pass

	841.5	Edge_1RB_Left	20.77	/	/	12.80	/	/	<=38.45	Pass
		Edge_1RB_Right	20.97	/	/	13.00	/	/	<=38.45	Pass
		Outer_Full	20.82	/	/	12.85	/	/	<=38.45	Pass
		Inner_Full	21.72	/	/	13.75	/	/	<=38.45	Pass
		Inner_1RB_Left	21.99	/	/	14.02	/	/	<=38.45	Pass
		Inner_1RB_Right	22.09	/	/	14.12	/	/	<=38.45	Pass
CP-OFDM 64 QAM	831.5	Edge_1RB_Left	20.24	/	/	12.27	/	/	<=38.45	Pass
		Edge_1RB_Right	20.20	/	/	12.23	/	/	<=38.45	Pass
		Outer_Full	19.38	/	/	11.41	/	/	<=38.45	Pass
		Inner_Full	20.35	/	/	12.38	/	/	<=38.45	Pass
		Inner_1RB_Left	20.25	/	/	12.28	/	/	<=38.45	Pass
		Inner_1RB_Right	20.26	/	/	12.29	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	20.54	/	/	12.57	/	/	<=38.45	Pass
		Edge_1RB_Right	20.29	/	/	12.32	/	/	<=38.45	Pass
		Outer_Full	19.10	/	/	11.13	/	/	<=38.45	Pass
		Inner_Full	20.17	/	/	12.20	/	/	<=38.45	Pass
		Inner_1RB_Left	20.41	/	/	12.44	/	/	<=38.45	Pass
		Inner_1RB_Right	20.33	/	/	12.36	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	20.55	/	/	12.58	/	/	<=38.45	Pass
		Edge_1RB_Right	20.20	/	/	12.23	/	/	<=38.45	Pass
		Outer_Full	19.29	/	/	11.32	/	/	<=38.45	Pass
		Inner_Full	20.17	/	/	12.20	/	/	<=38.45	Pass
		Inner_1RB_Left	20.35	/	/	12.38	/	/	<=38.45	Pass
		Inner_1RB_Right	20.19	/	/	12.22	/	/	<=38.45	Pass
CP-OFDM 256 QAM	831.5	Edge_1RB_Left	17.44	/	/	9.47	/	/	<=38.45	Pass
		Edge_1RB_Right	17.26	/	/	9.29	/	/	<=38.45	Pass
		Outer_Full	17.53	/	/	9.56	/	/	<=38.45	Pass
		Inner_Full	17.47	/	/	9.50	/	/	<=38.45	Pass
		Inner_1RB_Left	17.38	/	/	9.41	/	/	<=38.45	Pass
		Inner_1RB_Right	17.41	/	/	9.44	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	17.42	/	/	9.45	/	/	<=38.45	Pass
		Edge_1RB_Right	17.29	/	/	9.32	/	/	<=38.45	Pass
		Outer_Full	17.48	/	/	9.51	/	/	<=38.45	Pass
		Inner_Full	17.48	/	/	9.51	/	/	<=38.45	Pass
		Inner_1RB_Left	17.43	/	/	9.46	/	/	<=38.45	Pass
		Inner_1RB_Right	17.29	/	/	9.32	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	17.24	/	/	9.27	/	/	<=38.45	Pass
		Edge_1RB_Right	17.29	/	/	9.32	/	/	<=38.45	Pass
		Outer_Full	17.34	/	/	9.37	/	/	<=38.45	Pass
		Inner_Full	17.42	/	/	9.45	/	/	<=38.45	Pass
		Inner_1RB_Left	17.31	/	/	9.34	/	/	<=38.45	Pass
		Inner_1RB_Right	17.24	/	/	9.27	/	/	<=38.45	Pass
Note1: Antenna Gain: Ant0: -5.82dBi; 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
			Ant0	Ant2	Sum	Ant0	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	834	Edge_1RB_Left	20.11	/	/	12.14	/	/	<=38.45	Pass
		Edge_1RB_Right	19.97	/	/	12.00	/	/	<=38.45	Pass
		Outer_Full	22.77	/	/	14.80	/	/	<=38.45	Pass
		Inner_Full	23.80	/	/	15.83	/	/	<=38.45	Pass
		Inner_1RB_Left	23.68	/	/	15.71	/	/	<=38.45	Pass
		Inner_1RB_Right	23.57	/	/	15.60	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	20.17	/	/	12.20	/	/	<=38.45	Pass
		Edge_1RB_Right	19.95	/	/	11.98	/	/	<=38.45	Pass

		Outer_Full	22.81	/	/	14.84	/	/	<=38.45	Pass
		Inner_Full	23.76	/	/	15.79	/	/	<=38.45	Pass
		Inner_1RB_Left	23.69	/	/	15.72	/	/	<=38.45	Pass
		Inner_1RB_Right	23.61	/	/	15.64	/	/	<=38.45	Pass
	839	Edge_1RB_Left	20.40	/	/	12.43	/	/	<=38.45	Pass
		Edge_1RB_Right	19.93	/	/	11.96	/	/	<=38.45	Pass
		Outer_Full	22.76	/	/	14.79	/	/	<=38.45	Pass
		Inner_Full	23.65	/	/	15.68	/	/	<=38.45	Pass
		Inner_1RB_Left	23.71	/	/	15.74	/	/	<=38.45	Pass
		Inner_1RB_Right	23.56	/	/	15.59	/	/	<=38.45	Pass
DFT-s-OFDM QPSK	834	Edge_1RB_Left	21.81	/	/	13.84	/	/	<=38.45	Pass
		Edge_1RB_Right	21.86	/	/	13.89	/	/	<=38.45	Pass
		Outer_Full	22.69	/	/	14.72	/	/	<=38.45	Pass
		Inner_Full	23.97	/	/	16.00	/	/	<=38.45	Pass
		Inner_1RB_Left	24.14	/	/	16.17	/	/	<=38.45	Pass
		Inner_1RB_Right	23.70	/	/	15.73	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.83	/	/	13.86	/	/	<=38.45	Pass
		Edge_1RB_Right	21.68	/	/	13.71	/	/	<=38.45	Pass
		Outer_Full	22.67	/	/	14.70	/	/	<=38.45	Pass
		Inner_Full	23.97	/	/	16.00	/	/	<=38.45	Pass
		Inner_1RB_Left	23.90	/	/	15.93	/	/	<=38.45	Pass
		Inner_1RB_Right	23.89	/	/	15.92	/	/	<=38.45	Pass
	839	Edge_1RB_Left	21.81	/	/	13.84	/	/	<=38.45	Pass
		Edge_1RB_Right	21.60	/	/	13.63	/	/	<=38.45	Pass
		Outer_Full	22.68	/	/	14.71	/	/	<=38.45	Pass
		Inner_Full	23.84	/	/	15.87	/	/	<=38.45	Pass
		Inner_1RB_Left	23.98	/	/	16.01	/	/	<=38.45	Pass
		Inner_1RB_Right	23.93	/	/	15.96	/	/	<=38.45	Pass
DFT-s-OFDM 16 QAM	834	Edge_1RB_Left	21.99	/	/	14.02	/	/	<=38.45	Pass
		Edge_1RB_Right	21.73	/	/	13.76	/	/	<=38.45	Pass
		Outer_Full	21.81	/	/	13.84	/	/	<=38.45	Pass
		Inner_Full	22.88	/	/	14.91	/	/	<=38.45	Pass
		Inner_1RB_Left	23.12	/	/	15.15	/	/	<=38.45	Pass
		Inner_1RB_Right	22.80	/	/	14.83	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	22.04	/	/	14.07	/	/	<=38.45	Pass
		Edge_1RB_Right	21.76	/	/	13.79	/	/	<=38.45	Pass
		Outer_Full	21.88	/	/	13.91	/	/	<=38.45	Pass
		Inner_Full	22.86	/	/	14.89	/	/	<=38.45	Pass
		Inner_1RB_Left	22.95	/	/	14.98	/	/	<=38.45	Pass
		Inner_1RB_Right	22.93	/	/	14.96	/	/	<=38.45	Pass
	839	Edge_1RB_Left	21.98	/	/	14.01	/	/	<=38.45	Pass
		Edge_1RB_Right	21.84	/	/	13.87	/	/	<=38.45	Pass
		Outer_Full	21.81	/	/	13.84	/	/	<=38.45	Pass
		Inner_Full	22.76	/	/	14.79	/	/	<=38.45	Pass
		Inner_1RB_Left	22.97	/	/	15.00	/	/	<=38.45	Pass
		Inner_1RB_Right	22.79	/	/	14.82	/	/	<=38.45	Pass
DFT-s-OFDM 64 QAM	834	Edge_1RB_Left	21.35	/	/	13.38	/	/	<=38.45	Pass
		Edge_1RB_Right	21.18	/	/	13.21	/	/	<=38.45	Pass
		Outer_Full	21.23	/	/	13.26	/	/	<=38.45	Pass
		Inner_Full	21.31	/	/	13.34	/	/	<=38.45	Pass
		Inner_1RB_Left	21.32	/	/	13.35	/	/	<=38.45	Pass
		Inner_1RB_Right	21.13	/	/	13.16	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.26	/	/	13.29	/	/	<=38.45	Pass
		Edge_1RB_Right	21.17	/	/	13.20	/	/	<=38.45	Pass
		Outer_Full	21.30	/	/	13.33	/	/	<=38.45	Pass
		Inner_Full	21.22	/	/	13.25	/	/	<=38.45	Pass
		Inner_1RB_Left	21.34	/	/	13.37	/	/	<=38.45	Pass
		Inner_1RB_Right	21.28	/	/	13.31	/	/	<=38.45	Pass
	839	Edge_1RB_Left	21.31	/	/	13.34	/	/	<=38.45	Pass

		Edge_1RB_Right	21.20	/	/	13.23	/	/	<=38.45	Pass
		Outer_Full	21.25	/	/	13.28	/	/	<=38.45	Pass
		Inner_Full	21.32	/	/	13.35	/	/	<=38.45	Pass
		Inner_1RB_Left	21.43	/	/	13.46	/	/	<=38.45	Pass
		Inner_1RB_Right	21.19	/	/	13.22	/	/	<=38.45	Pass
DFT-s-OFDM 256 QAM	834	Edge_1RB_Left	18.86	/	/	10.89	/	/	<=38.45	Pass
		Edge_1RB_Right	18.80	/	/	10.83	/	/	<=38.45	Pass
		Outer_Full	19.48	/	/	11.51	/	/	<=38.45	Pass
		Inner_Full	19.00	/	/	11.03	/	/	<=38.45	Pass
		Inner_1RB_Left	18.85	/	/	10.88	/	/	<=38.45	Pass
		Inner_1RB_Right	18.75	/	/	10.78	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	18.90	/	/	10.93	/	/	<=38.45	Pass
		Edge_1RB_Right	18.75	/	/	10.78	/	/	<=38.45	Pass
		Outer_Full	19.29	/	/	11.32	/	/	<=38.45	Pass
		Inner_Full	19.03	/	/	11.06	/	/	<=38.45	Pass
		Inner_1RB_Left	18.84	/	/	10.87	/	/	<=38.45	Pass
		Inner_1RB_Right	18.76	/	/	10.79	/	/	<=38.45	Pass
	839	Edge_1RB_Left	18.87	/	/	10.90	/	/	<=38.45	Pass
		Edge_1RB_Right	18.69	/	/	10.72	/	/	<=38.45	Pass
		Outer_Full	18.97	/	/	11.00	/	/	<=38.45	Pass
		Inner_Full	19.05	/	/	11.08	/	/	<=38.45	Pass
		Inner_1RB_Left	18.88	/	/	10.91	/	/	<=38.45	Pass
		Inner_1RB_Right	18.72	/	/	10.75	/	/	<=38.45	Pass
CP-OFDM QPSK	834	Edge_1RB_Left	20.76	/	/	12.79	/	/	<=38.45	Pass
		Edge_1RB_Right	20.76	/	/	12.79	/	/	<=38.45	Pass
		Outer_Full	20.74	/	/	12.77	/	/	<=38.45	Pass
		Inner_Full	22.33	/	/	14.36	/	/	<=38.45	Pass
		Inner_1RB_Left	22.43	/	/	14.46	/	/	<=38.45	Pass
		Inner_1RB_Right	22.37	/	/	14.40	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	20.86	/	/	12.89	/	/	<=38.45	Pass
		Edge_1RB_Right	20.70	/	/	12.73	/	/	<=38.45	Pass
		Outer_Full	20.82	/	/	12.85	/	/	<=38.45	Pass
		Inner_Full	22.36	/	/	14.39	/	/	<=38.45	Pass
		Inner_1RB_Left	22.54	/	/	14.57	/	/	<=38.45	Pass
		Inner_1RB_Right	22.34	/	/	14.37	/	/	<=38.45	Pass
	839	Edge_1RB_Left	20.78	/	/	12.81	/	/	<=38.45	Pass
		Edge_1RB_Right	20.59	/	/	12.62	/	/	<=38.45	Pass
		Outer_Full	20.77	/	/	12.80	/	/	<=38.45	Pass
		Inner_Full	22.45	/	/	14.48	/	/	<=38.45	Pass
		Inner_1RB_Left	22.61	/	/	14.64	/	/	<=38.45	Pass
		Inner_1RB_Right	22.35	/	/	14.38	/	/	<=38.45	Pass
CP-OFDM 16 QAM	834	Edge_1RB_Left	20.91	/	/	12.94	/	/	<=38.45	Pass
		Edge_1RB_Right	20.77	/	/	12.80	/	/	<=38.45	Pass
		Outer_Full	20.65	/	/	12.68	/	/	<=38.45	Pass
		Inner_Full	21.90	/	/	13.93	/	/	<=38.45	Pass
		Inner_1RB_Left	22.08	/	/	14.11	/	/	<=38.45	Pass
		Inner_1RB_Right	22.07	/	/	14.10	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	20.83	/	/	12.86	/	/	<=38.45	Pass
		Edge_1RB_Right	20.75	/	/	12.78	/	/	<=38.45	Pass
		Outer_Full	20.75	/	/	12.78	/	/	<=38.45	Pass
		Inner_Full	21.86	/	/	13.89	/	/	<=38.45	Pass
		Inner_1RB_Left	22.02	/	/	14.05	/	/	<=38.45	Pass
		Inner_1RB_Right	21.94	/	/	13.97	/	/	<=38.45	Pass
	839	Edge_1RB_Left	21.03	/	/	13.06	/	/	<=38.45	Pass
		Edge_1RB_Right	20.67	/	/	12.70	/	/	<=38.45	Pass
		Outer_Full	20.64	/	/	12.67	/	/	<=38.45	Pass
		Inner_Full	21.77	/	/	13.80	/	/	<=38.45	Pass
		Inner_1RB_Left	22.02	/	/	14.05	/	/	<=38.45	Pass
		Inner_1RB_Right	21.83	/	/	13.86	/	/	<=38.45	Pass

CP-OFDM 64 QAM	834	Edge_1RB_Left	20.31	/	/	12.34	/	/	<=38.45	Pass
		Edge_1RB_Right	20.26	/	/	12.29	/	/	<=38.45	Pass
		Outer_Full	19.06	/	/	11.09	/	/	<=38.45	Pass
		Inner_Full	20.24	/	/	12.27	/	/	<=38.45	Pass
		Inner_1RB_Left	20.27	/	/	12.30	/	/	<=38.45	Pass
		Inner_1RB_Right	20.18	/	/	12.21	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	20.32	/	/	12.35	/	/	<=38.45	Pass
		Edge_1RB_Right	20.20	/	/	12.23	/	/	<=38.45	Pass
		Outer_Full	19.14	/	/	11.17	/	/	<=38.45	Pass
		Inner_Full	20.38	/	/	12.41	/	/	<=38.45	Pass
		Inner_1RB_Left	20.31	/	/	12.34	/	/	<=38.45	Pass
		Inner_1RB_Right	20.16	/	/	12.19	/	/	<=38.45	Pass
	839	Edge_1RB_Left	20.60	/	/	12.63	/	/	<=38.45	Pass
		Edge_1RB_Right	20.22	/	/	12.25	/	/	<=38.45	Pass
		Outer_Full	19.53	/	/	11.56	/	/	<=38.45	Pass
		Inner_Full	20.14	/	/	12.17	/	/	<=38.45	Pass
		Inner_1RB_Left	20.32	/	/	12.35	/	/	<=38.45	Pass
		Inner_1RB_Right	20.34	/	/	12.37	/	/	<=38.45	Pass
CP-OFDM 256 QAM	834	Edge_1RB_Left	17.27	/	/	9.30	/	/	<=38.45	Pass
		Edge_1RB_Right	17.23	/	/	9.26	/	/	<=38.45	Pass
		Outer_Full	17.46	/	/	9.49	/	/	<=38.45	Pass
		Inner_Full	17.45	/	/	9.48	/	/	<=38.45	Pass
		Inner_1RB_Left	17.23	/	/	9.26	/	/	<=38.45	Pass
		Inner_1RB_Right	17.17	/	/	9.20	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	17.32	/	/	9.35	/	/	<=38.45	Pass
		Edge_1RB_Right	17.22	/	/	9.25	/	/	<=38.45	Pass
		Outer_Full	17.53	/	/	9.56	/	/	<=38.45	Pass
		Inner_Full	17.59	/	/	9.62	/	/	<=38.45	Pass
		Inner_1RB_Left	17.26	/	/	9.29	/	/	<=38.45	Pass
		Inner_1RB_Right	17.21	/	/	9.24	/	/	<=38.45	Pass
	839	Edge_1RB_Left	17.30	/	/	9.33	/	/	<=38.45	Pass
		Edge_1RB_Right	17.16	/	/	9.19	/	/	<=38.45	Pass
		Outer_Full	17.57	/	/	9.60	/	/	<=38.45	Pass
		Inner_Full	17.52	/	/	9.55	/	/	<=38.45	Pass
		Inner_1RB_Left	17.30	/	/	9.33	/	/	<=38.45	Pass
		Inner_1RB_Right	17.11	/	/	9.14	/	/	<=38.45	Pass
Note1: Antenna Gain: Ant0: -5.82dBi; 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	-10.30	-0.0123	>=-2.5 & <=2.5	Pass
				HV	-8.50	-0.0102	>=-2.5 & <=2.5	Pass
			-30	NV	-8.60	-0.0103	>=-2.5 & <=2.5	Pass
			-20	NV	-9.70	-0.0116	>=-2.5 & <=2.5	Pass
			-10	NV	-9.40	-0.0112	>=-2.5 & <=2.5	Pass
			0	NV	-9.10	-0.0109	>=-2.5 & <=2.5	Pass
			10	NV	-11.90	-0.0142	>=-2.5 & <=2.5	Pass
			20	NV	-9.40	-0.0112	>=-2.5 & <=2.5	Pass
			30	NV	-10.40	-0.0124	>=-2.5 & <=2.5	Pass
			40	NV	-8.40	-0.0100	>=-2.5 & <=2.5	Pass
			50	NV	-7.00	-0.0084	>=-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	4.55	5.25	/	Pass
DFT-s-OFDM QPSK	836.5	Outer_Full	4.56	5.34	/	Pass
DFT-s-OFDM 16 QAM	836.5	Outer_Full	4.57	5.38	/	Pass
DFT-s-OFDM 64 QAM	836.5	Outer_Full	4.56	5.33	/	Pass
DFT-s-OFDM 256 QAM	836.5	Outer_Full	4.59	5.43	/	Pass
CP-OFDM QPSK	836.5	Outer_Full	4.53	5.28	/	Pass
CP-OFDM 16 QAM	836.5	Outer_Full	4.61	5.47	/	Pass
CP-OFDM 64 QAM	836.5	Outer_Full	4.52	5.19	/	Pass
CP-OFDM 256 QAM	836.5	Outer_Full	4.57	5.38	/	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	9.02	9.95	/	Pass
DFT-s-OFDM QPSK	836.5	Outer_Full	9.06	10.08	/	Pass
DFT-s-OFDM 16 QAM	836.5	Outer_Full	9.04	9.99	/	Pass
DFT-s-OFDM 64 QAM	836.5	Outer_Full	9.05	10.01	/	Pass
DFT-s-OFDM 256 QAM	836.5	Outer_Full	9.03	9.93	/	Pass
CP-OFDM QPSK	836.5	Outer_Full	9.36	10.30	/	Pass
CP-OFDM 16 QAM	836.5	Outer_Full	9.40	10.41	/	Pass
CP-OFDM 64 QAM	836.5	Outer_Full	9.34	10.67	/	Pass
CP-OFDM 256 QAM	836.5	Outer_Full	9.37	10.54	/	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	13.56	14.83	/	Pass
DFT-s-OFDM QPSK	836.5	Outer_Full	13.64	14.91	/	Pass
DFT-s-OFDM 16 QAM	836.5	Outer_Full	13.62	14.84	/	Pass
DFT-s-OFDM 64 QAM	836.5	Outer_Full	13.53	14.80	/	Pass
DFT-s-OFDM 256 QAM	836.5	Outer_Full	13.63	14.78	/	Pass
CP-OFDM QPSK	836.5	Outer_Full	14.27	15.56	/	Pass
CP-OFDM 16 QAM	836.5	Outer_Full	14.27	15.53	/	Pass
CP-OFDM 64 QAM	836.5	Outer_Full	14.25	15.51	/	Pass
CP-OFDM 256 QAM	836.5	Outer_Full	14.26	15.44	/	Pass

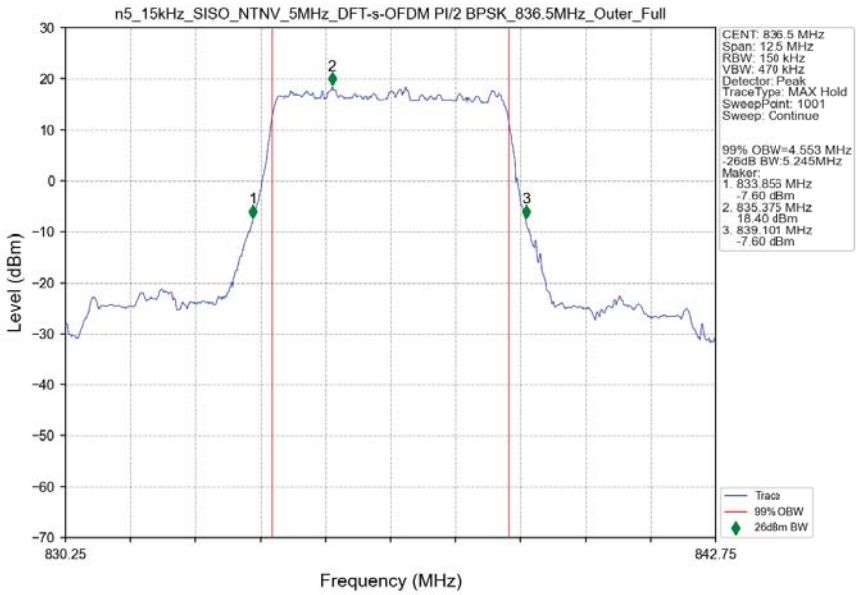
3.1.4 15k_SISO_20MHz_NTNV

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	18.06	19.41	/	Pass
DFT-s-OFDM QPSK	836.5	Outer_Full	18.03	19.52	/	Pass
DFT-s-OFDM 16 QAM	836.5	Outer_Full	18.08	19.58	/	Pass
DFT-s-OFDM 64 QAM	836.5	Outer_Full	18.09	19.54	/	Pass
DFT-s-OFDM 256 QAM	836.5	Outer_Full	18.06	19.69	/	Pass
CP-OFDM QPSK	836.5	Outer_Full	19.08	20.56	/	Pass
CP-OFDM 16 QAM	836.5	Outer_Full	19.17	20.59	/	Pass
CP-OFDM 64 QAM	836.5	Outer_Full	19.14	20.90	/	Pass
CP-OFDM 256 QAM	836.5	Outer_Full	19.12	20.58	/	Pass

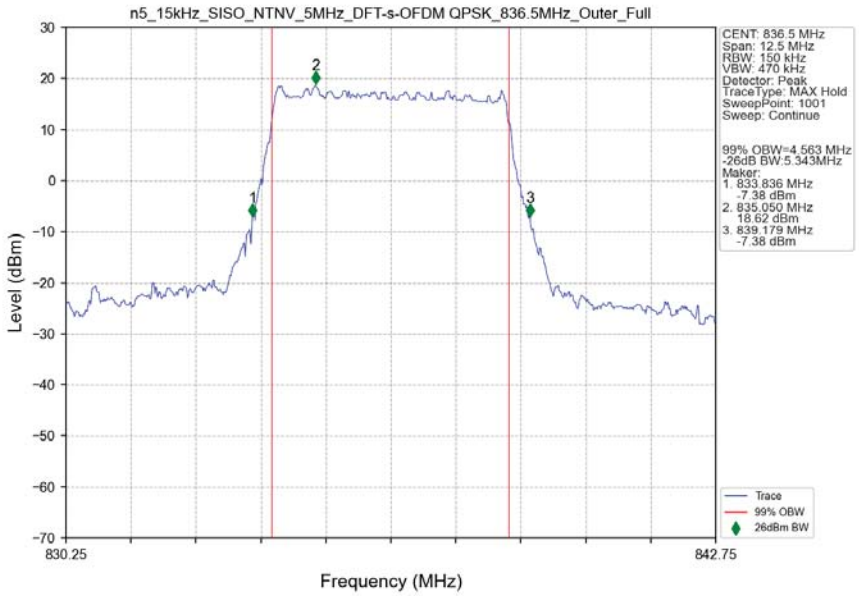
3.2 Test Graph

3.2.1 15k_SISO_5MHz_NTNV

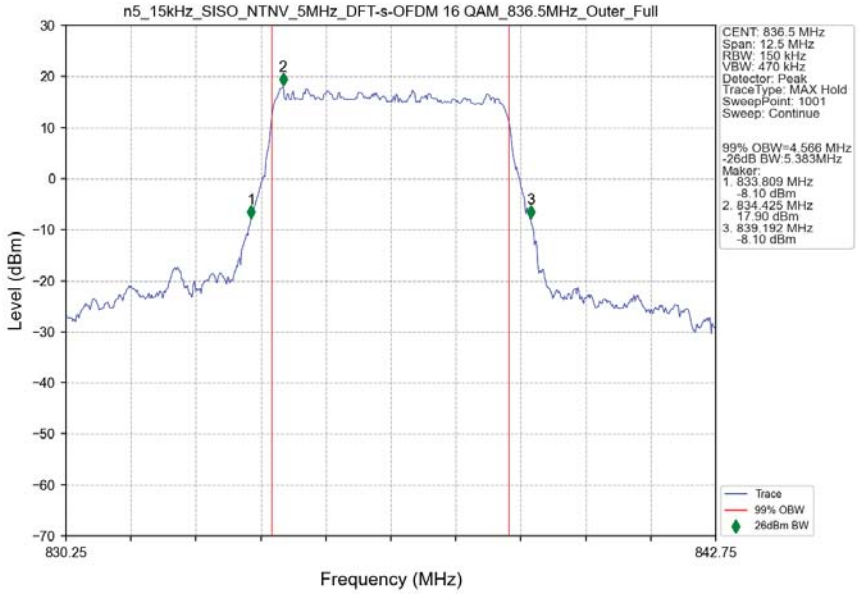
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_836.5MHz_Outer_Full_Ant0



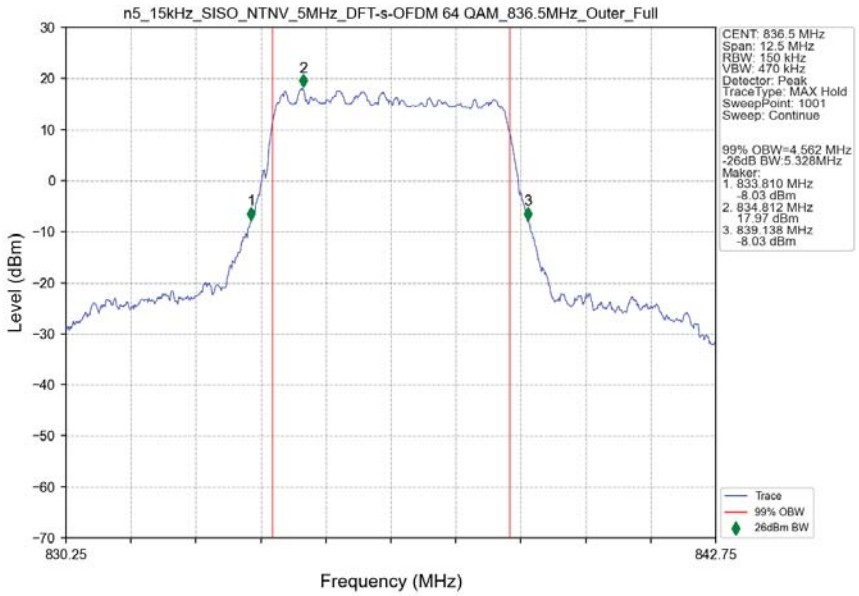
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_836.5MHz_Outer_Full_Ant0



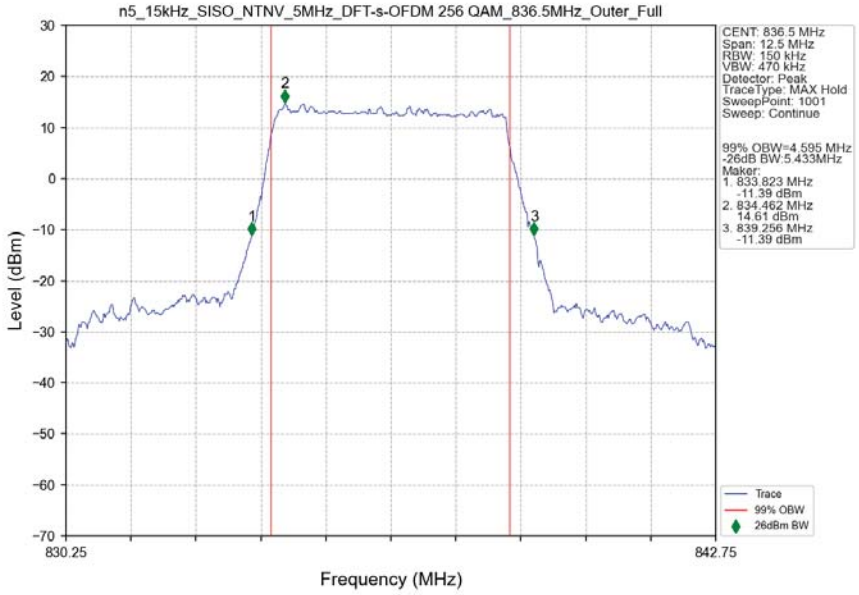
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 16 QAM_836.5MHz_Outer_Full_Ant0



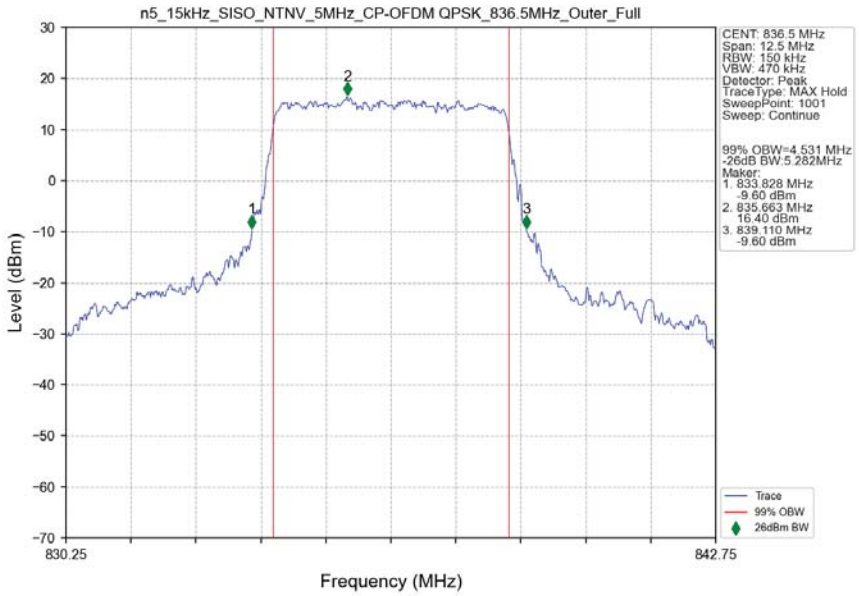
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 64 QAM_836.5MHz_Outer_Full_Ant0



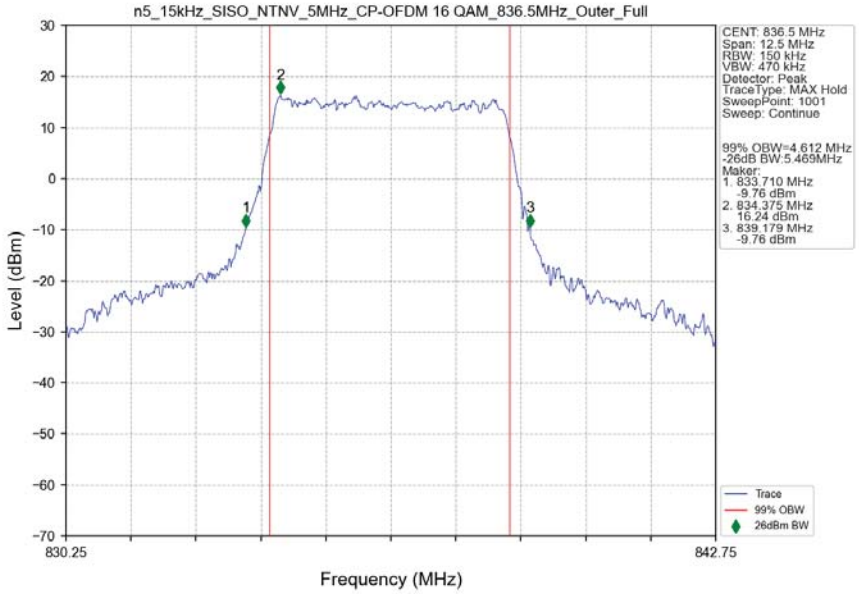
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 256 QAM_836.5MHz_Outer_Full_Ant0



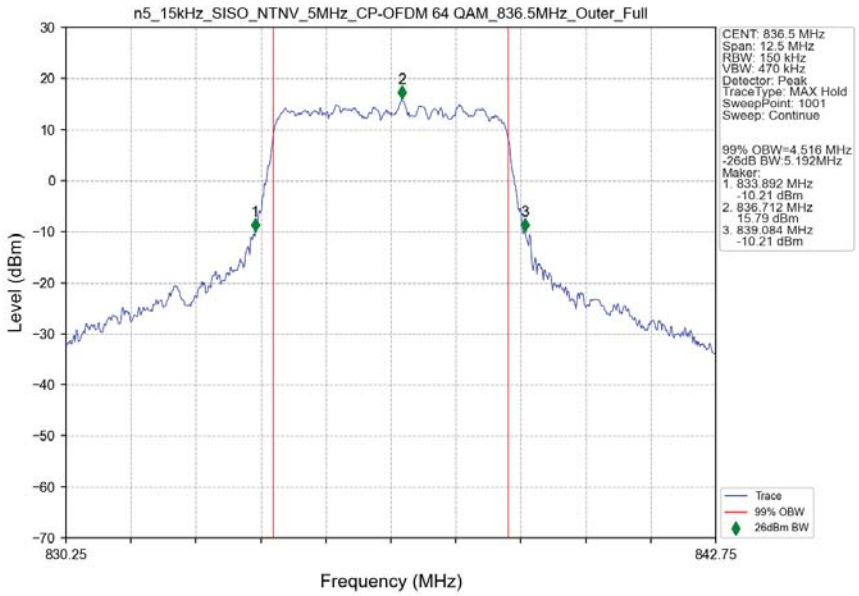
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_836.5MHz_Outer_Full_Ant0



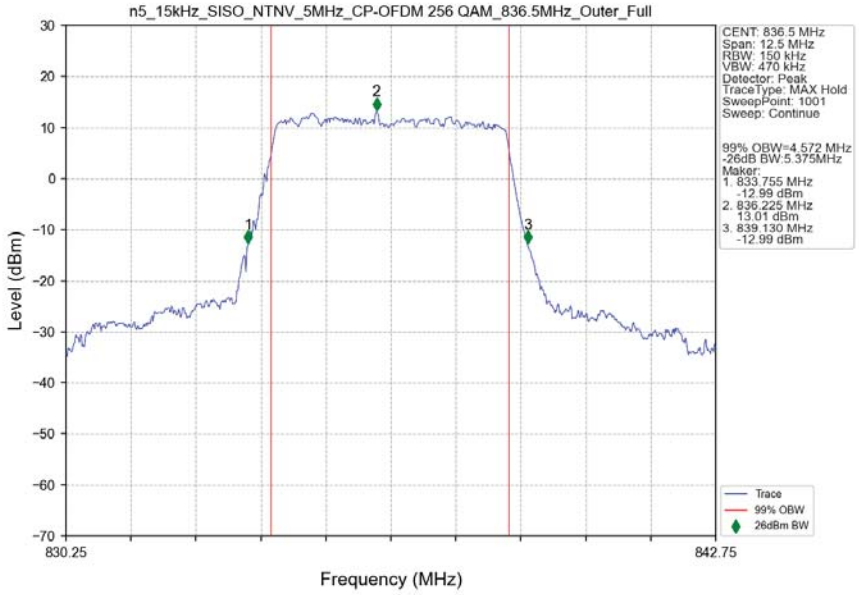
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM 16 QAM_836.5MHz_Outer_Full_Ant0



n5_15kHz_SISO_NTNV_5MHz_CP-OFDM 64 QAM_836.5MHz_Outer_Full_Ant0

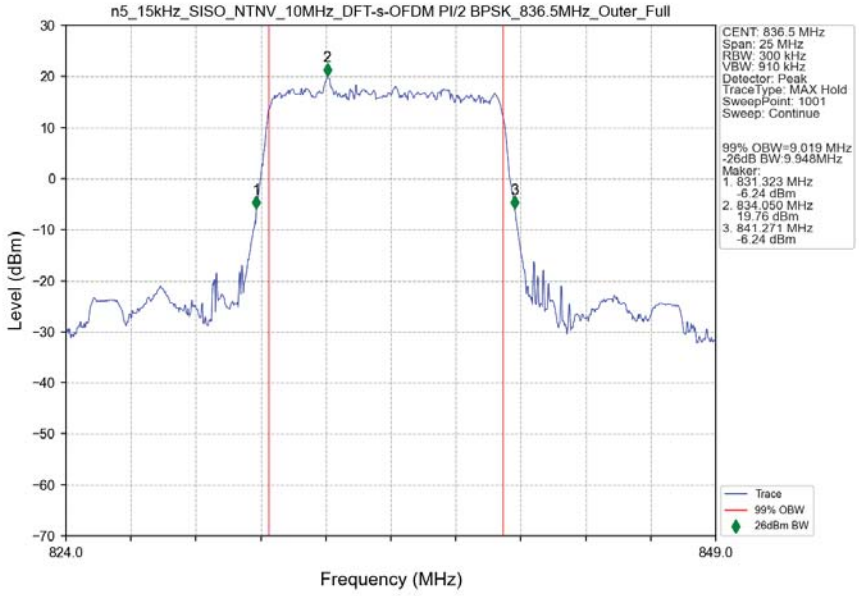


n5_15kHz_SISO_NTNV_5MHz_CP-OFDM 256 QAM_836.5MHz_Outer_Full_Ant0

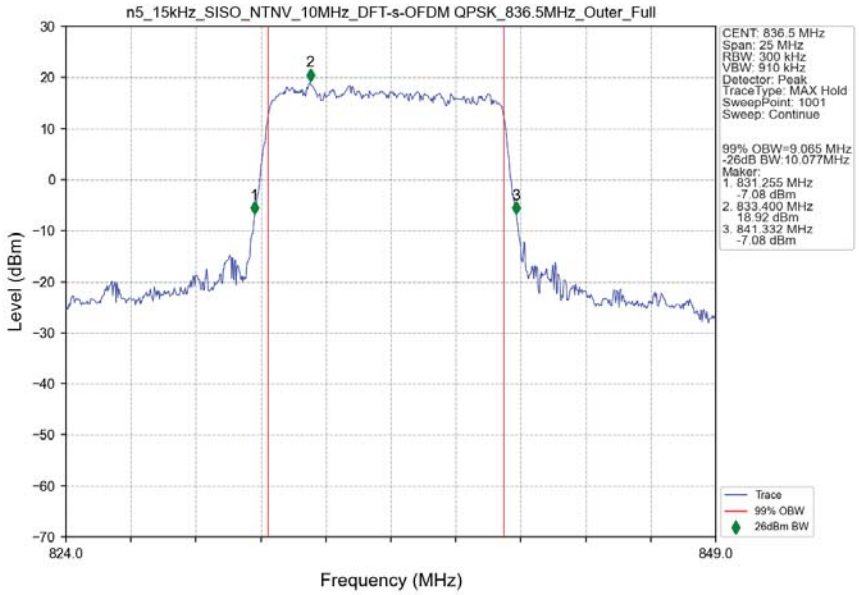


3.2.2 15k_SISO_10MHz_NTNV

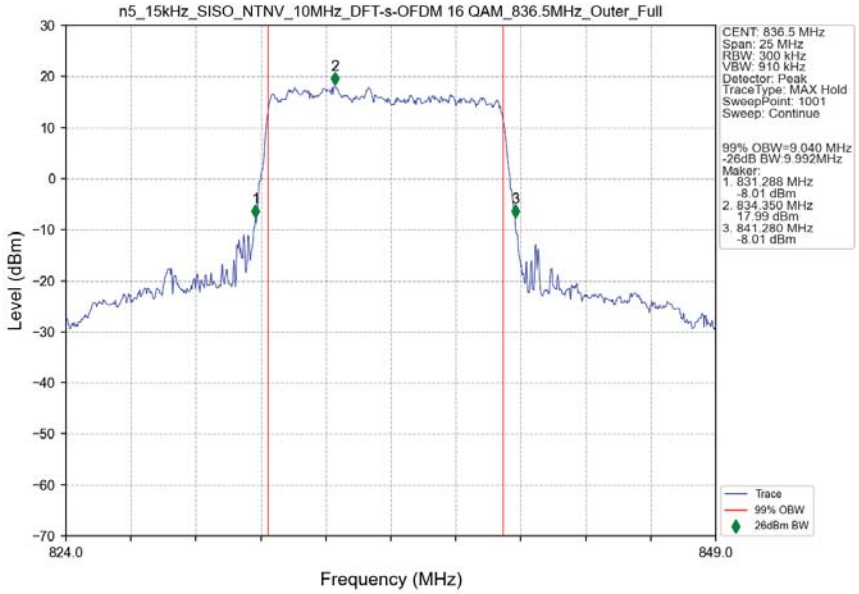
n5_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_836.5MHz_Outer_Full_Ant0



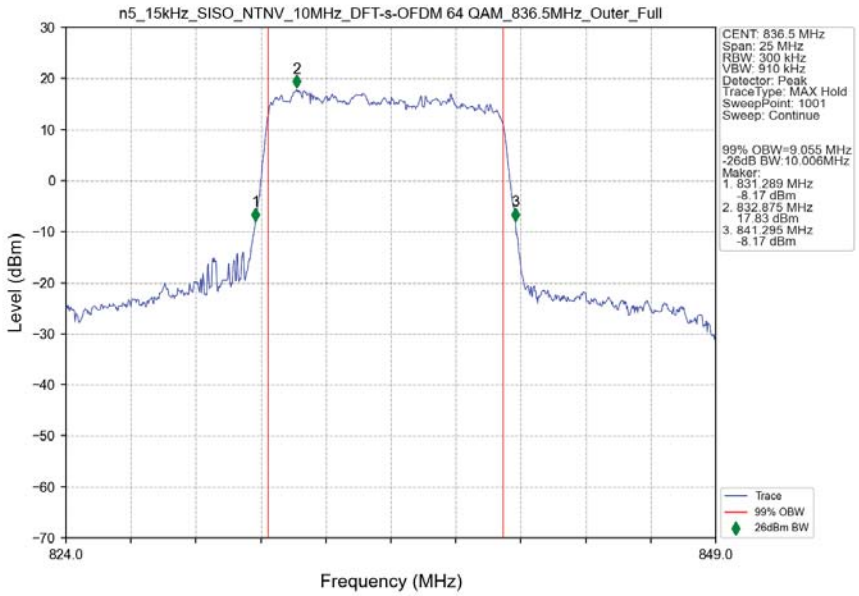
n5_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_836.5MHz_Outer_Full_Ant0



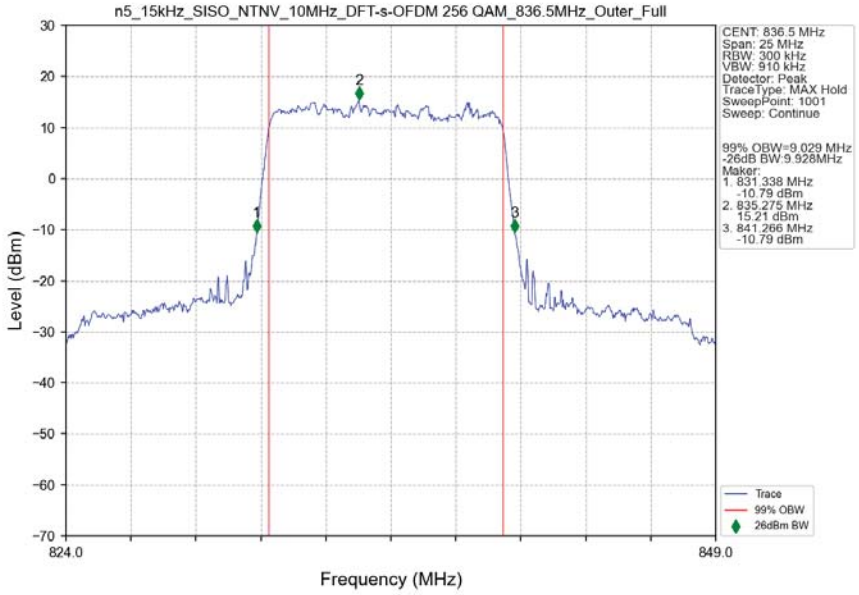
n5_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 16 QAM_836.5MHz_Outer_Full_Ant0



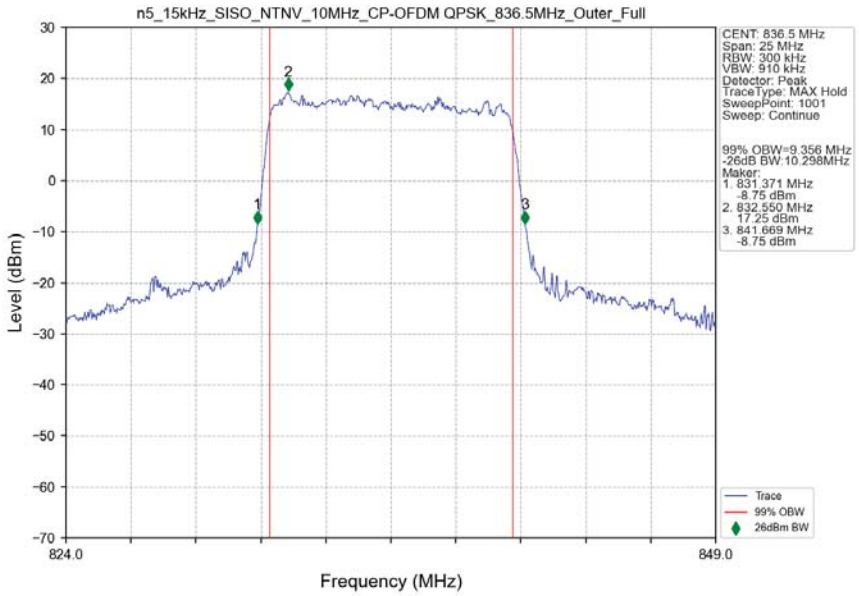
n5_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 64 QAM_836.5MHz_Outer_Full_Ant0



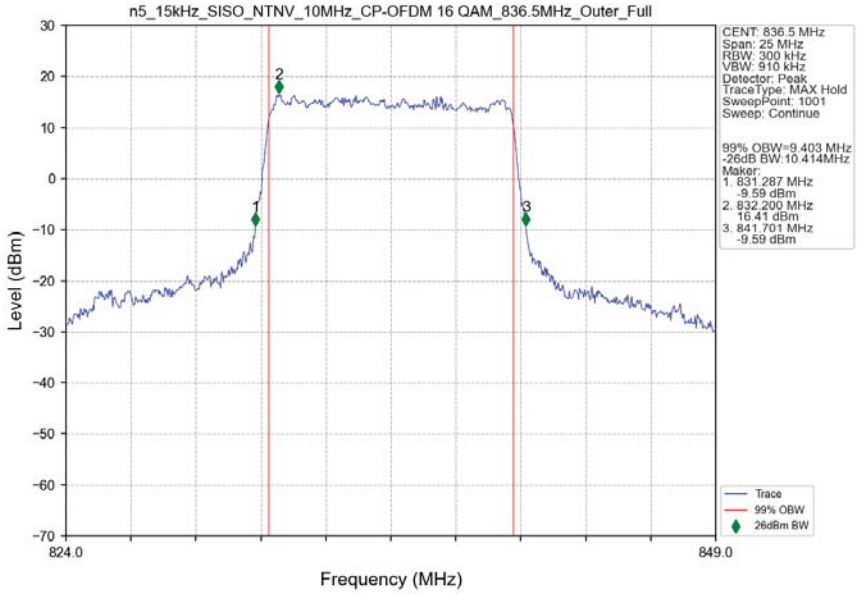
n5_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 256 QAM_836.5MHz_Outer_Full_Ant0



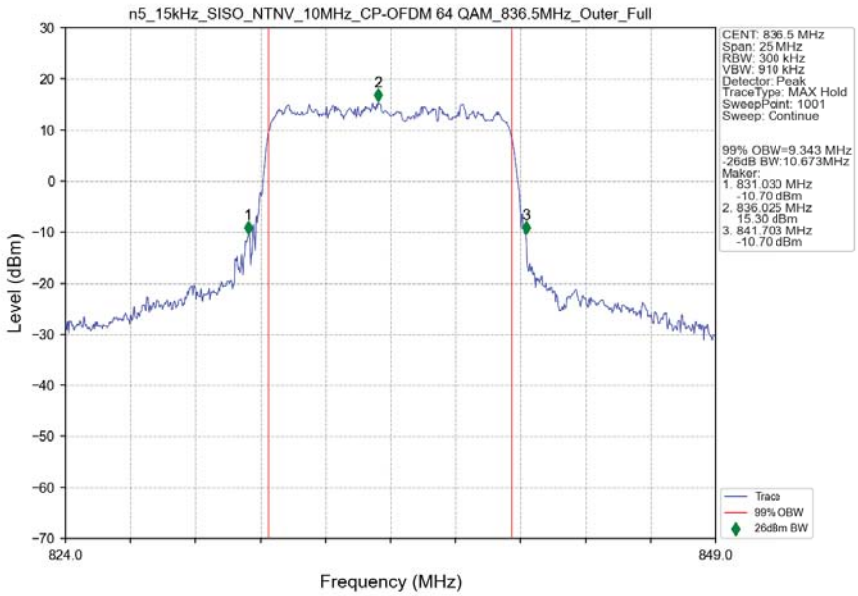
n5_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_836.5MHz_Outer_Full_Ant0



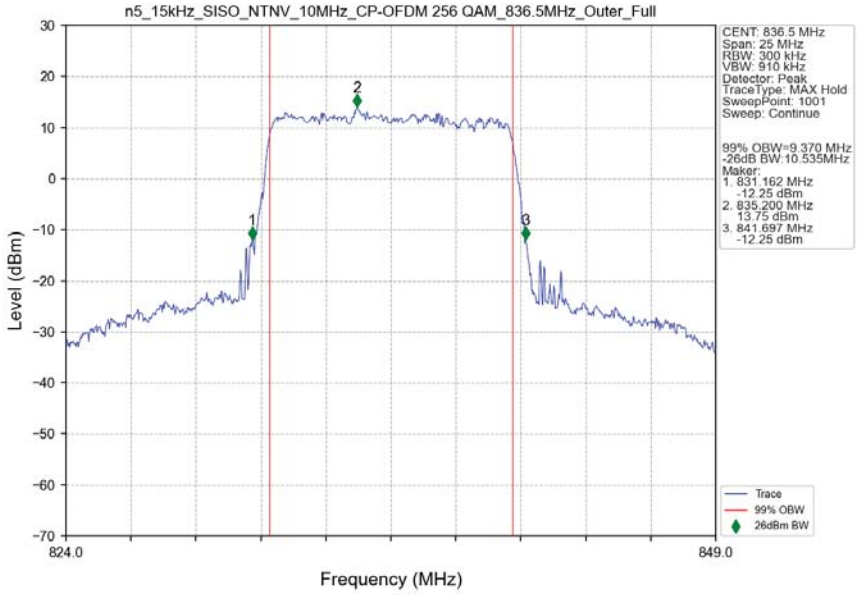
n5_15kHz_SISO_NTNV_10MHz_CP-OFDM 16 QAM_836.5MHz_Outer_Full_Ant0



n5_15kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM_836.5MHz_Outer_Full_Ant0

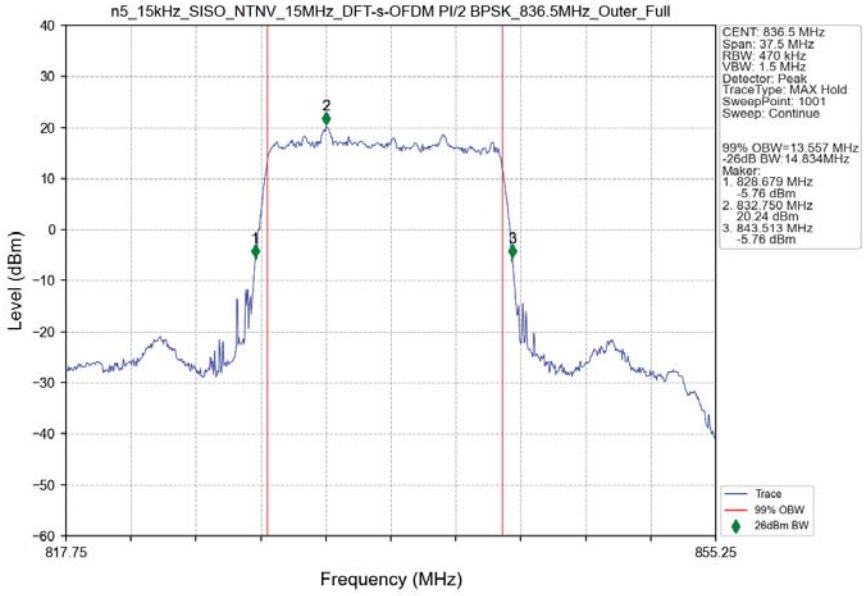


n5_15kHz_SISO_NTNV_10MHz_CP-OFDM 256 QAM_836.5MHz_Outer_Full_Ant0

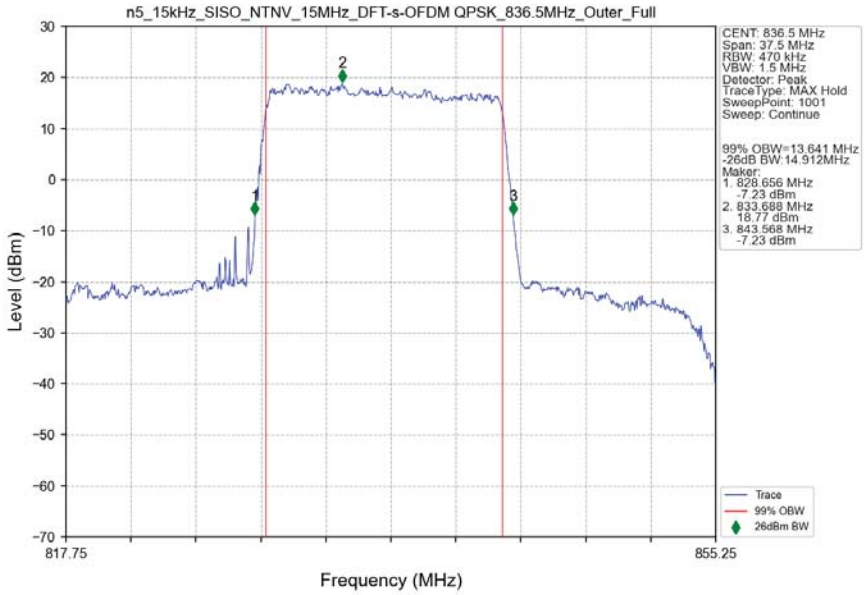


3.2.3 15k_SISO_15MHz_NTNV

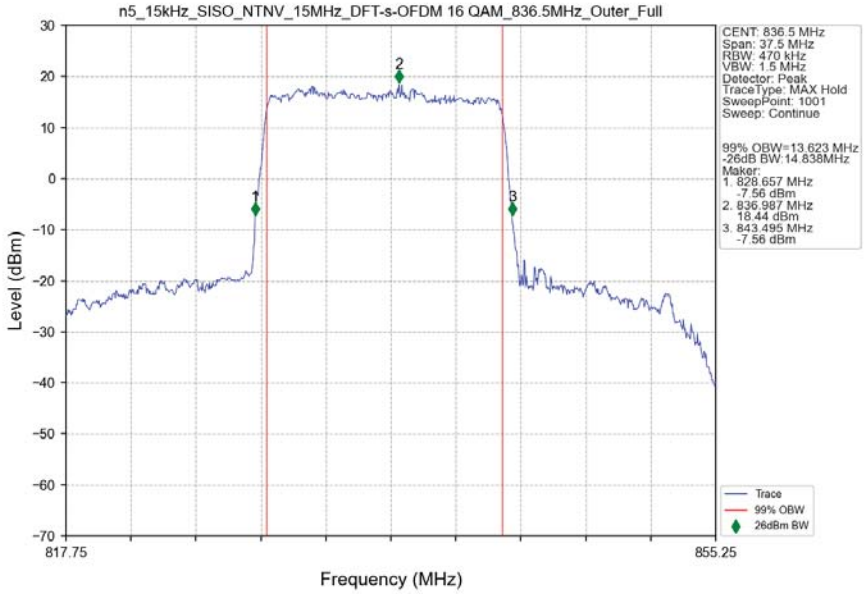
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_836.5MHz_Outer_Full_Ant0



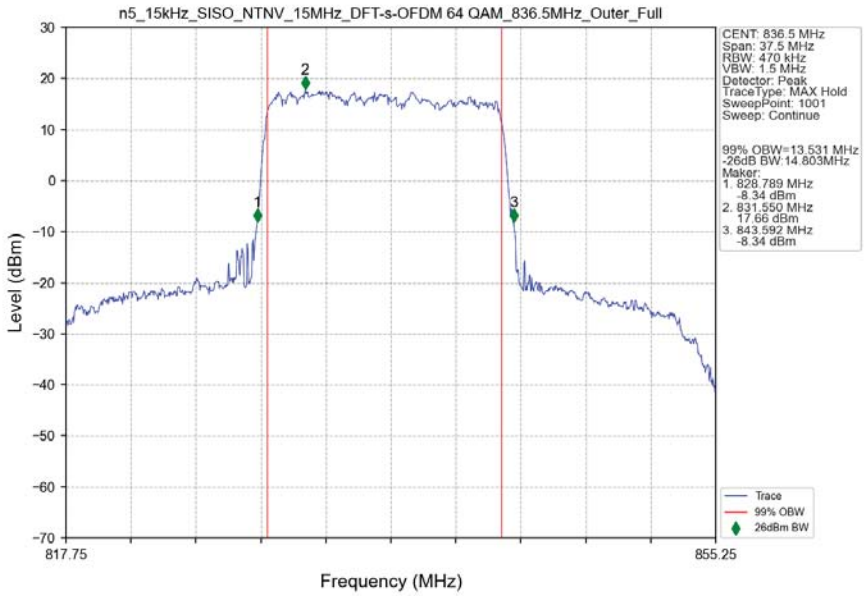
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_836.5MHz_Outer_Full_Ant0



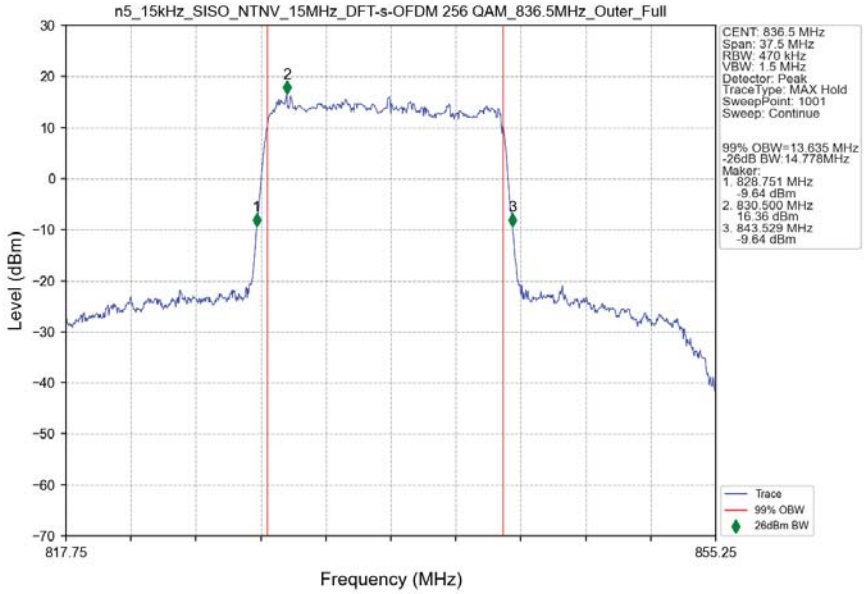
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 16 QAM_836.5MHz_Outer_Full_Ant0



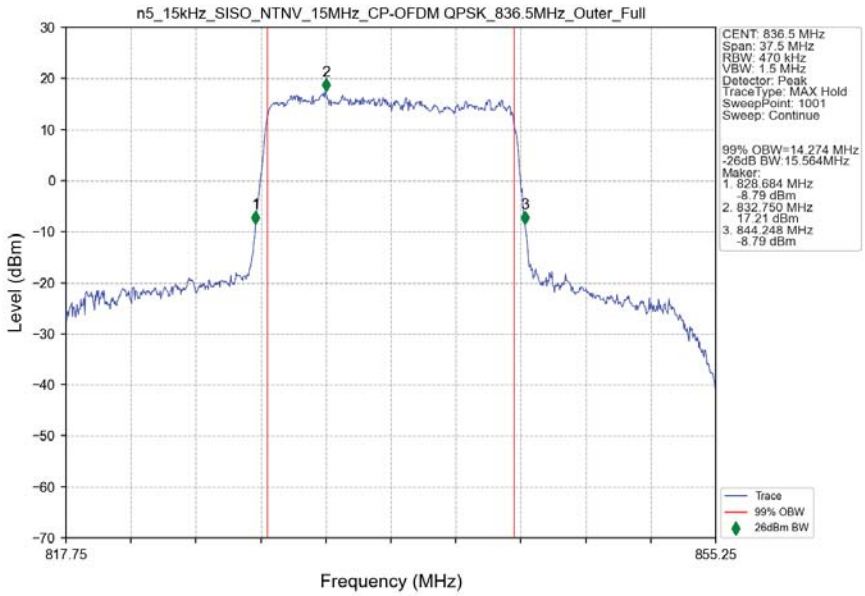
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 64 QAM_836.5MHz_Outer_Full_Ant0



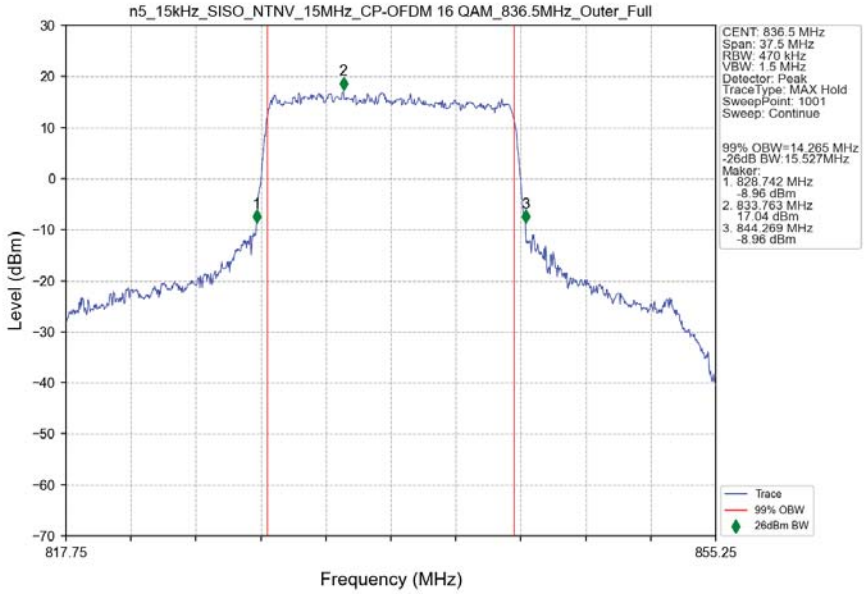
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 256 QAM_836.5MHz_Outer_Full_Ant0



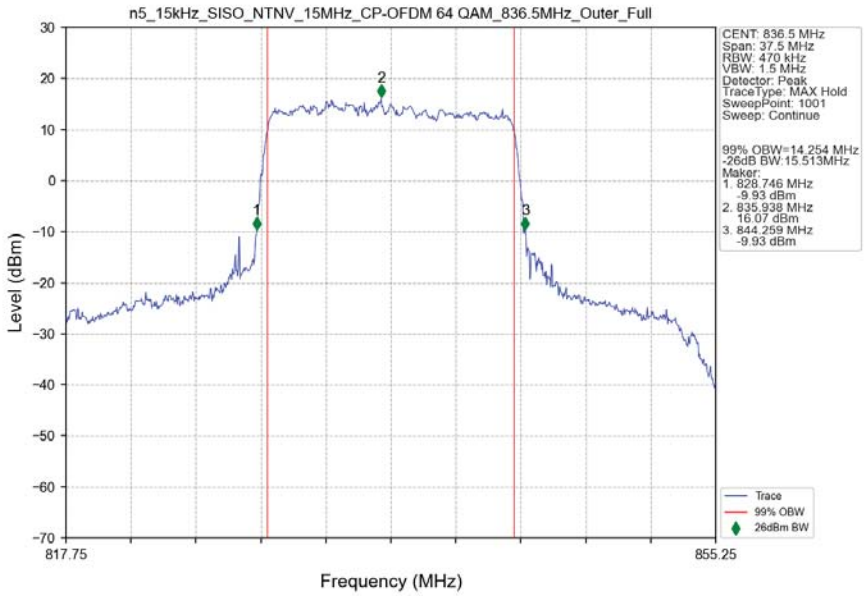
n5_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_836.5MHz_Outer_Full_Ant0



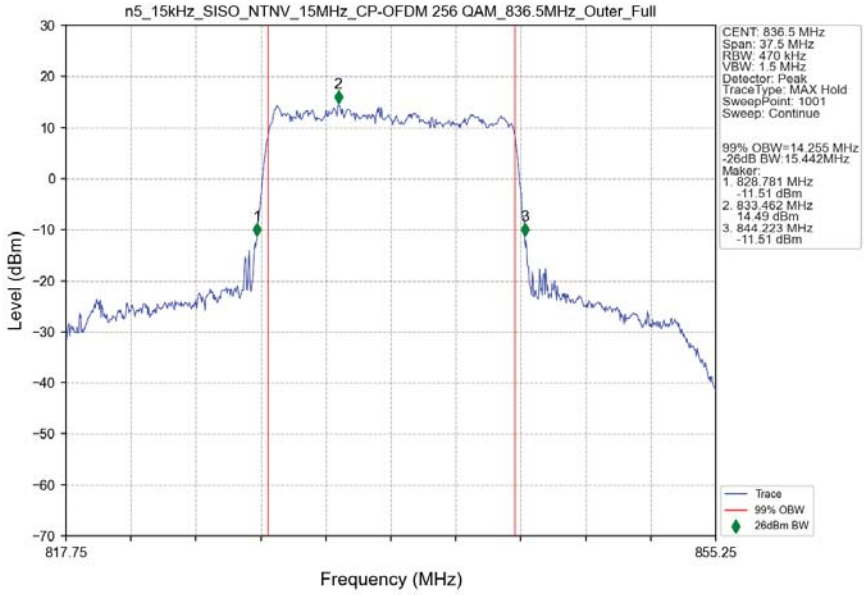
n5_15kHz_SISO_NTNV_15MHz_CP-OFDM 16 QAM_836.5MHz_Outer_Full_Ant0



n5_15kHz_SISO_NTNV_15MHz_CP-OFDM 64 QAM_836.5MHz_Outer_Full_Ant0

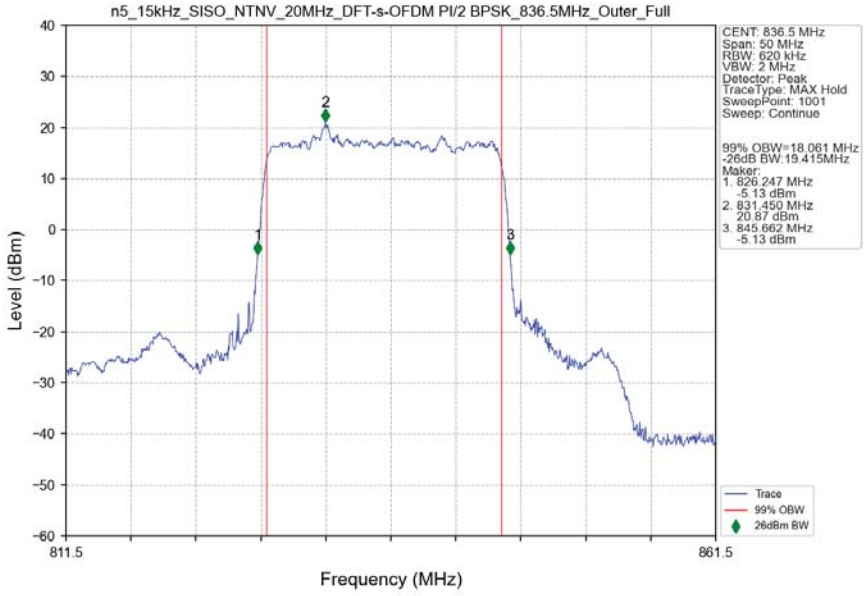


n5_15kHz_SISO_NTNV_15MHz_CP-OFDM 256 QAM_836.5MHz_Outer_Full_Ant0

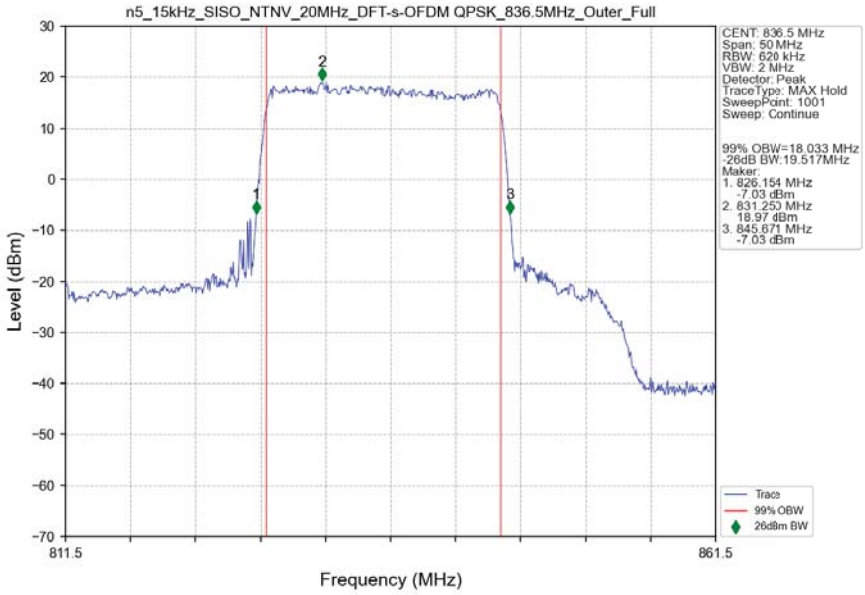


3.2.4 15k_SISO_20MHz_NTNV

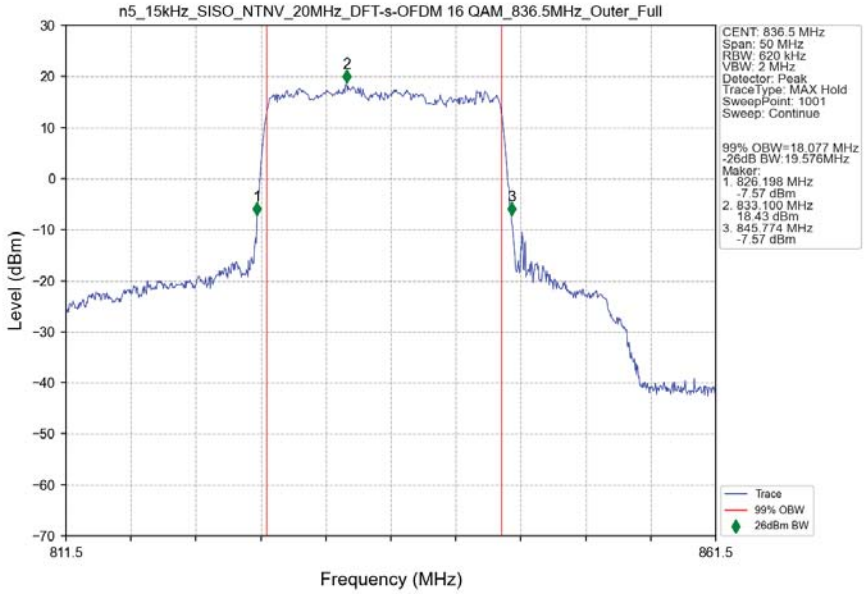
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_836.5MHz_Outer_Full_Ant0



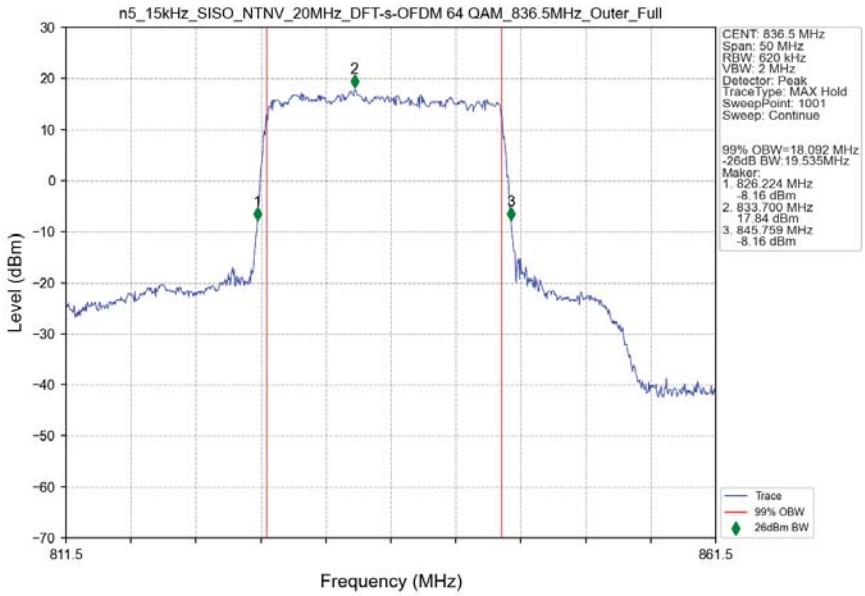
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_836.5MHz_Outer_Full_Ant0



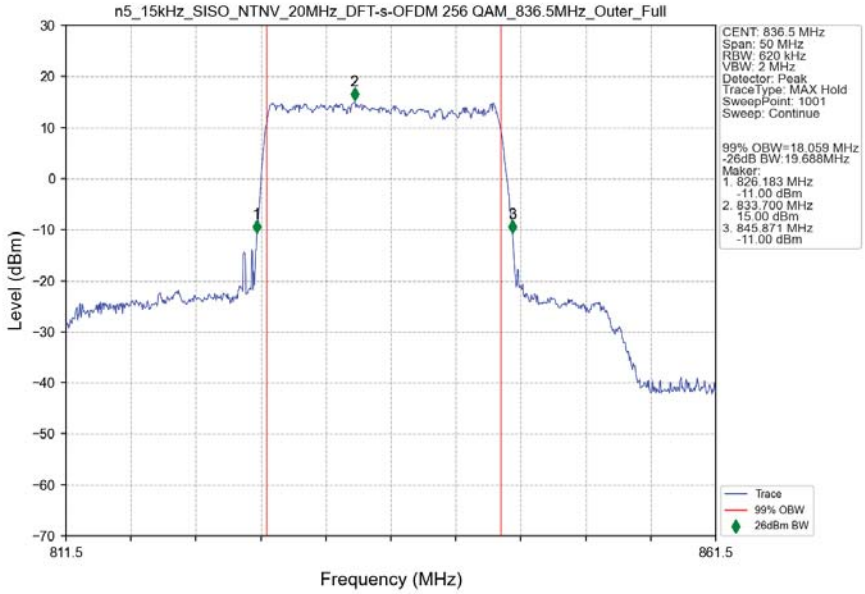
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 16 QAM_836.5MHz_Outer_Full_Ant0



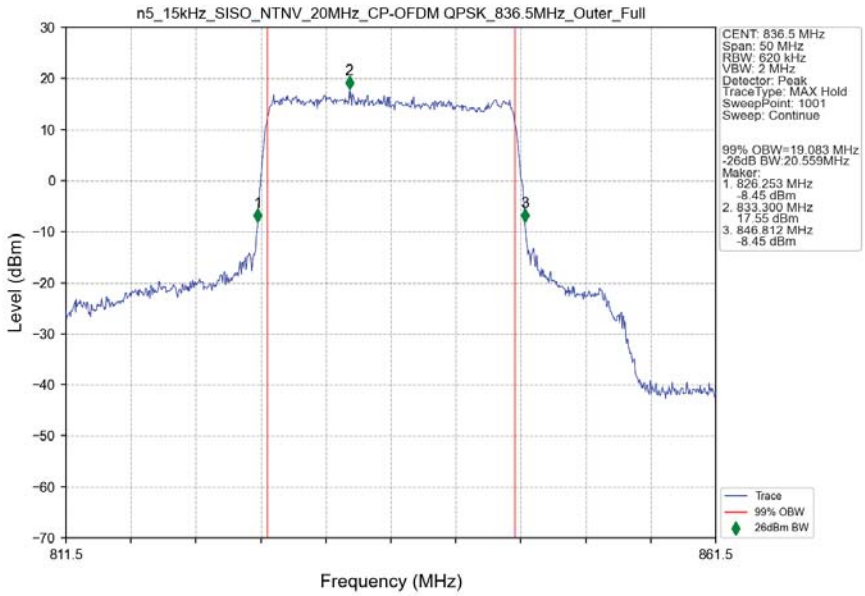
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 64 QAM_836.5MHz_Outer_Full_Ant0



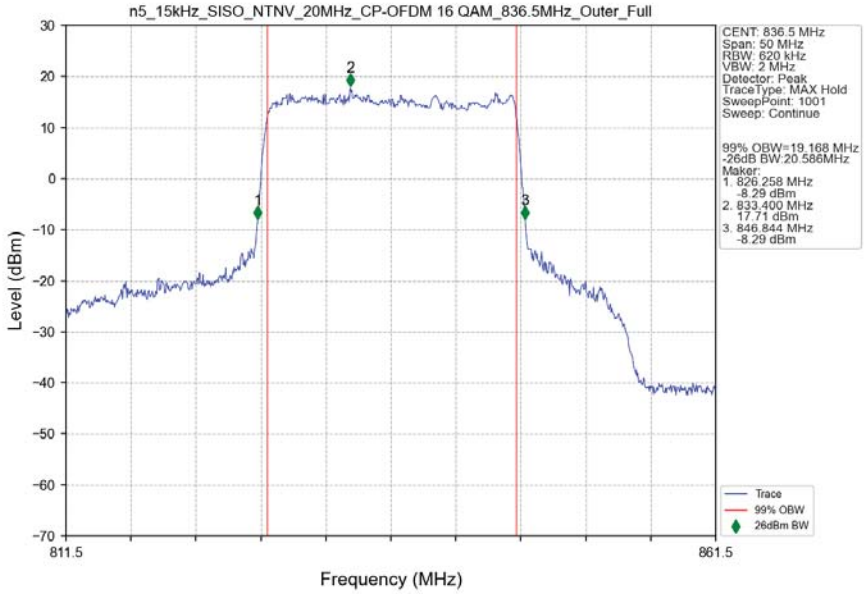
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 256 QAM_836.5MHz_Outer_Full_Ant0



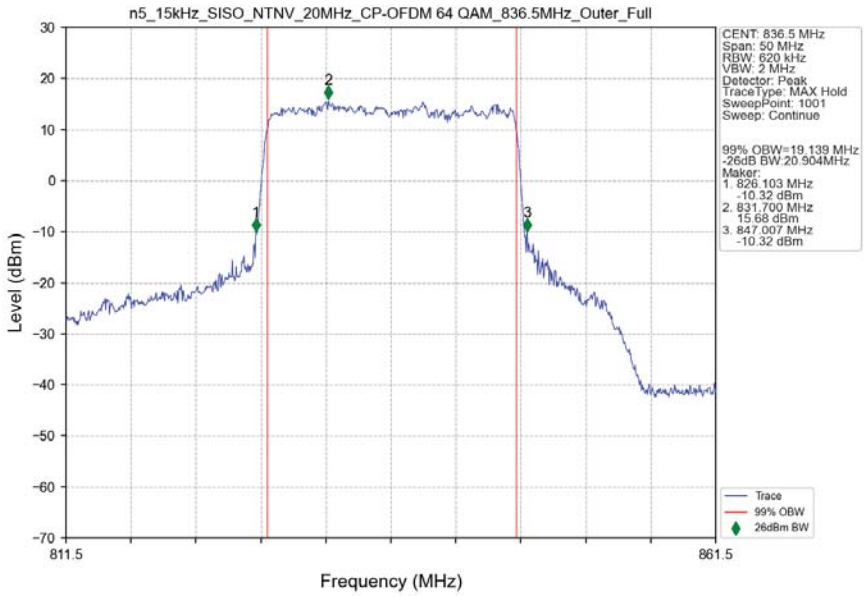
n5_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_836.5MHz_Outer_Full_Ant0



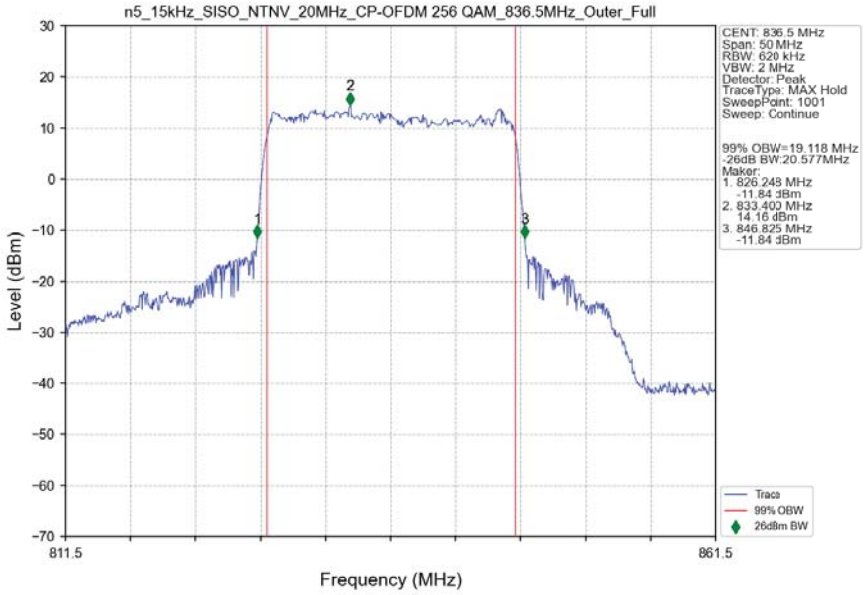
n5_15kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM_836.5MHz_Outer_Full_Ant0



n5_15kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM_836.5MHz_Outer_Full_Ant0



n5_15kHz_SISO_NTNV_20MHz_CP-OFDM 256 QAM_836.5MHz_Outer_Full_Ant0



4. Peak-Average Ratio

4.1 Test Result

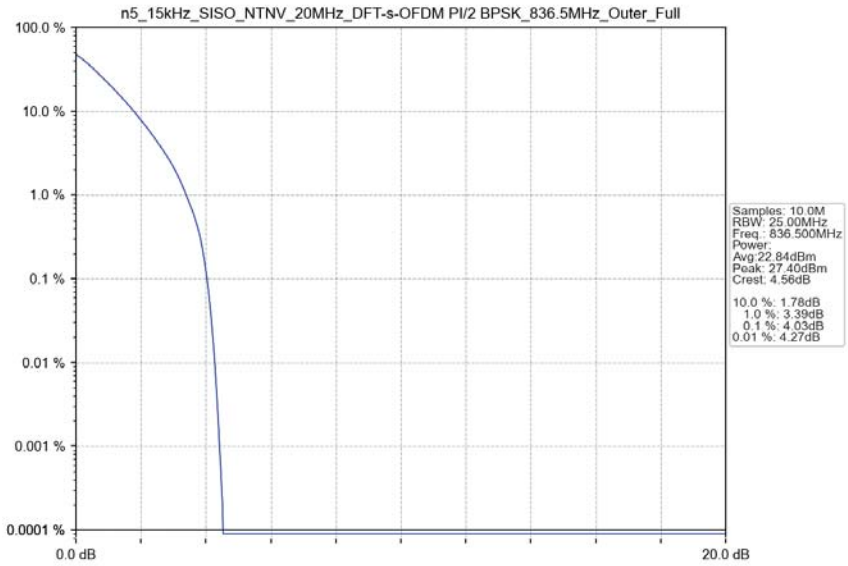
4.1.1 15k_SISO_20MHz_NTNV

5G NR n5 SCS=15kHz SISO 20MHz NTNV							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant0	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	836.5	Outer_Full	4.03	/	/	<=13	Pass
DFT-s-OFDM QPSK	836.5	Outer_Full	4.98	/	/	<=13	Pass
CP-OFDM QPSK	836.5	Outer_Full	6.77	/	/	<=13	Pass

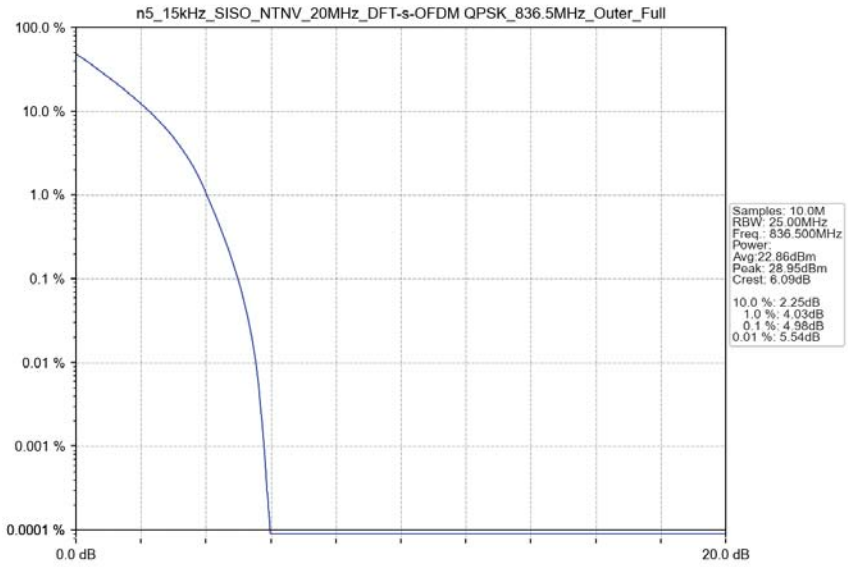
4.2 Test Graph

4.2.1 15k_SISO_20MHz_NTNV

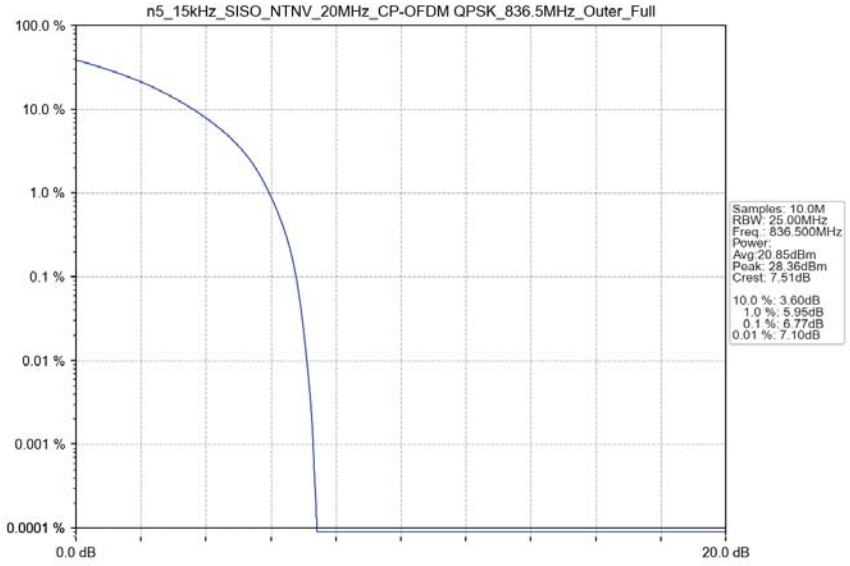
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_836.5MHz_Outer_Full_Ant0



n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_836.5MHz_Outer_Full_Ant0



n5_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_836.5MHz_Outer_Full_Ant0



5. Spurious Emission

5.1 Test Result

5.1.1 15k_SISO_5MHz_NTNV

5G NR n5 SCS=15kHz SISO 5MHz NTNV							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant0	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	826.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	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
			Ant0	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	831.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	836.5	Edge_1RB_Left	Refer To Test Graph				Pass
	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

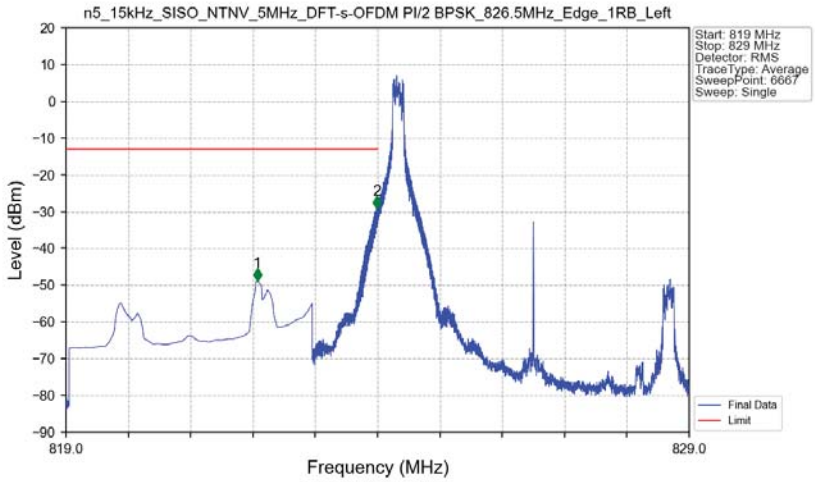
5.1.3 15k_SISO_20MHz_NTNV

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

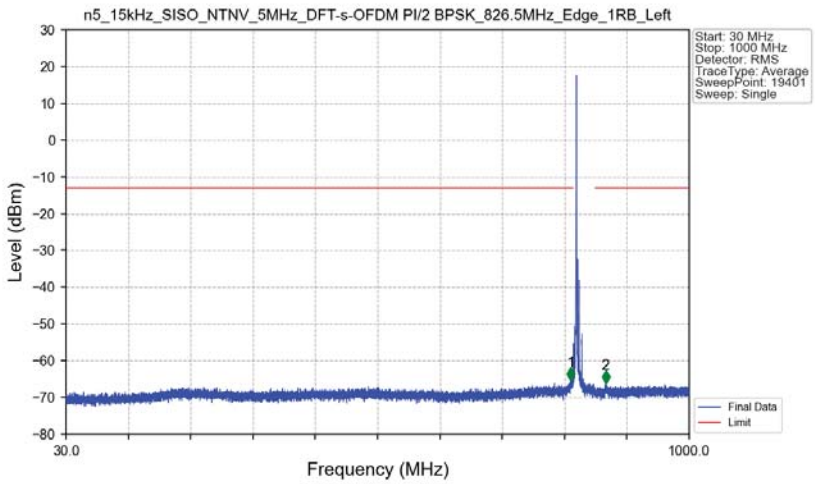
5.2.1 15k_SISO_5MHz_NTNV

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



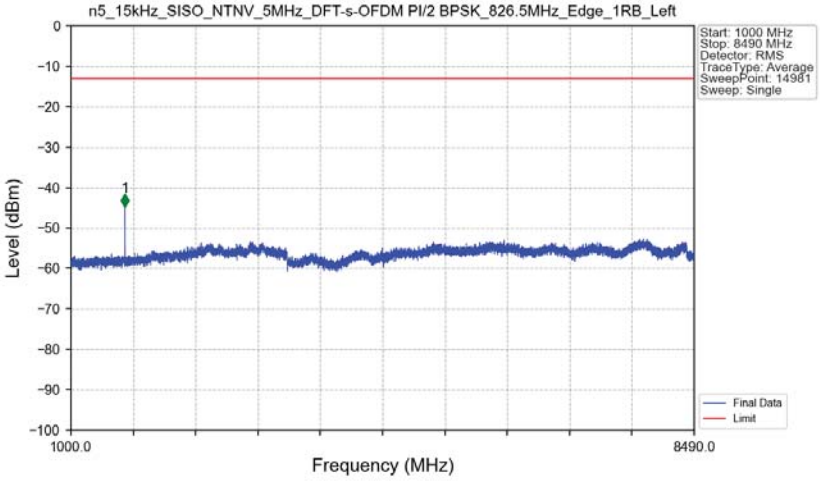
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.074	-48.88	-13	Pass
823	824	0.003	/	2	823.991	-29.14	-13	Pass
824	829	0.003	/	/	/	/	/	/

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



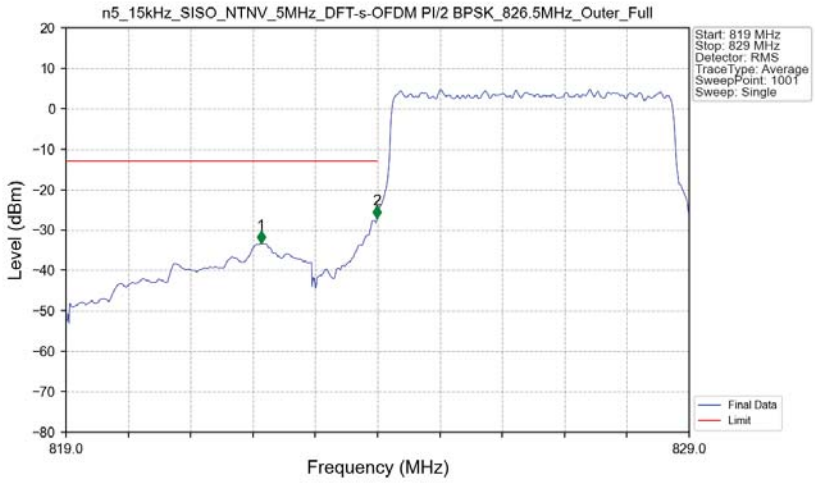
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	815.550	-65.28	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	870.000	-66.20	-13	Pass

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



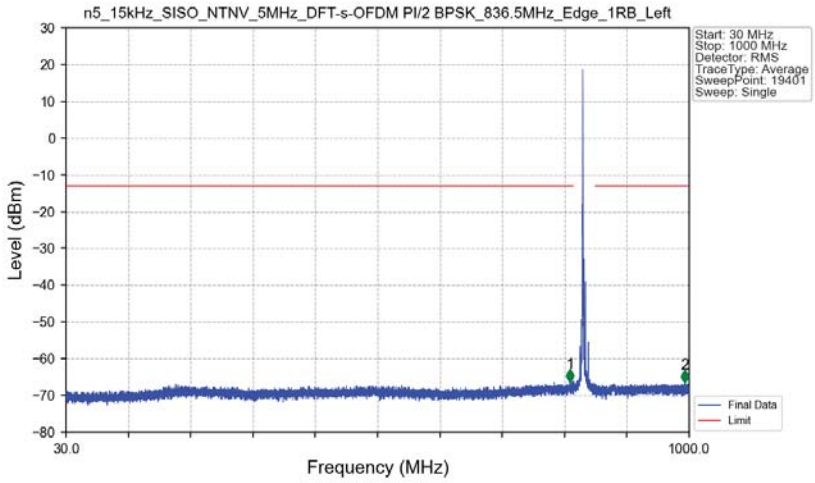
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1649.000	-44.66	-13	Pass

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



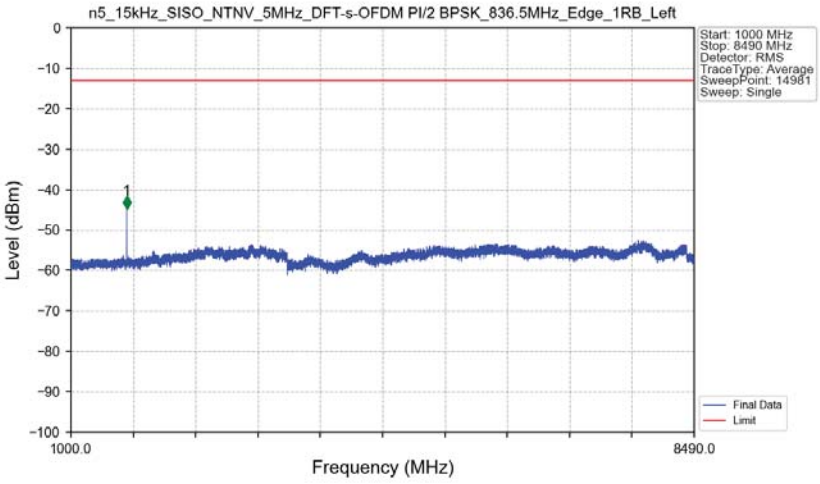
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.130	-33.37	-13	Pass
823	824	0.05245	CHP	2	823.990	-27.13	-13	Pass
824	829	0.05245	CHP	/	/	/	/	/

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



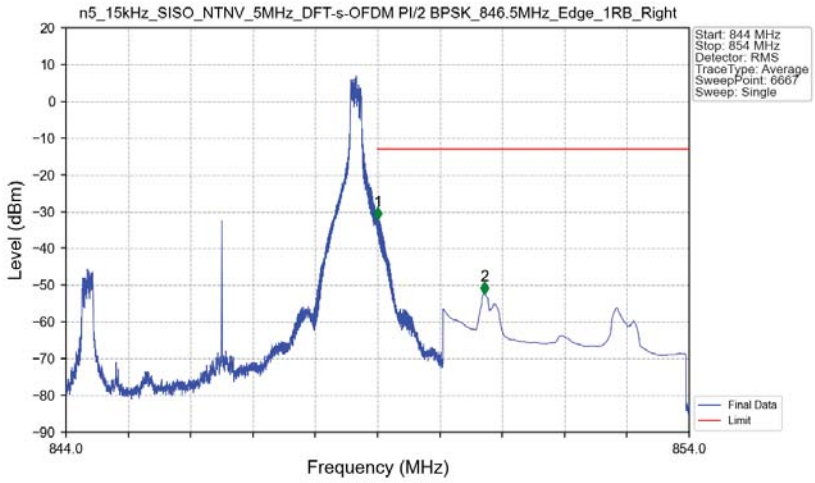
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	814.400	-66.23	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	993.150	-66.61	-13	Pass

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



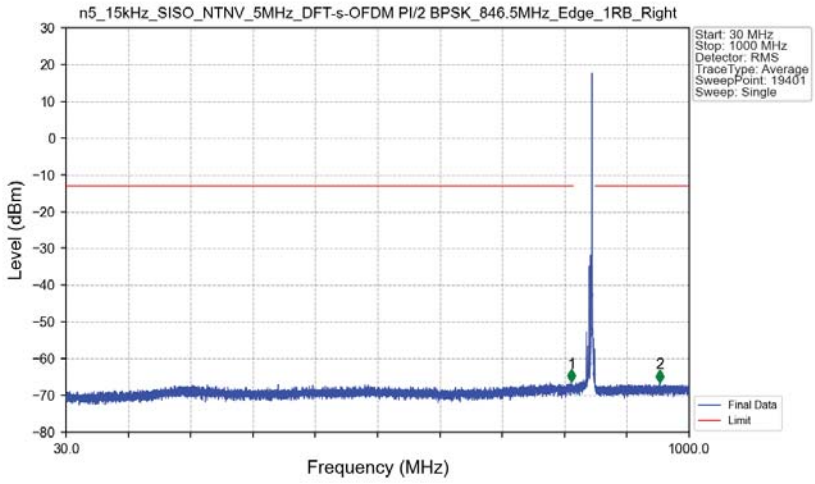
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1669.000	-44.82	-13	Pass

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



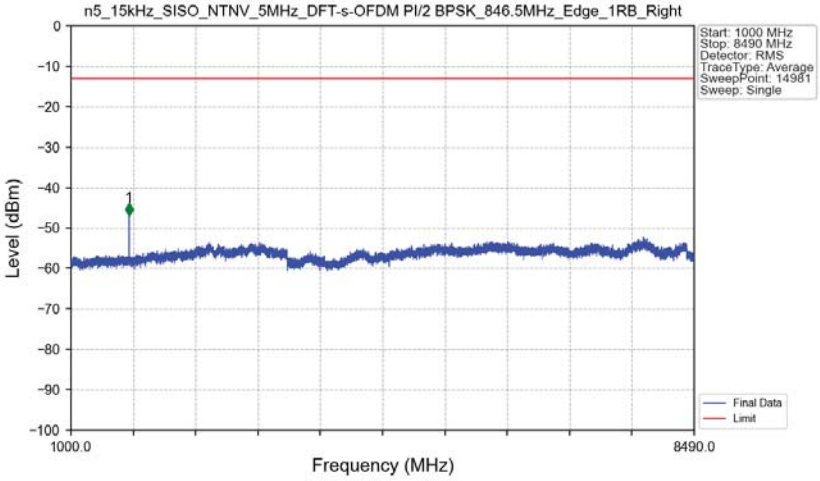
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.001	-32.16	-13	Pass
850	854	0.1	CHP	2	850.716	-52.47	-13	Pass

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



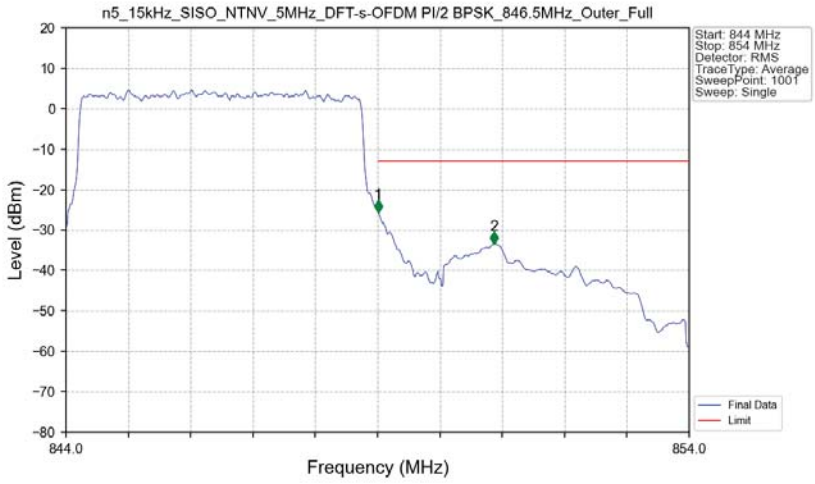
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	816.750	-66.26	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	954.250	-66.42	-13	Pass

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



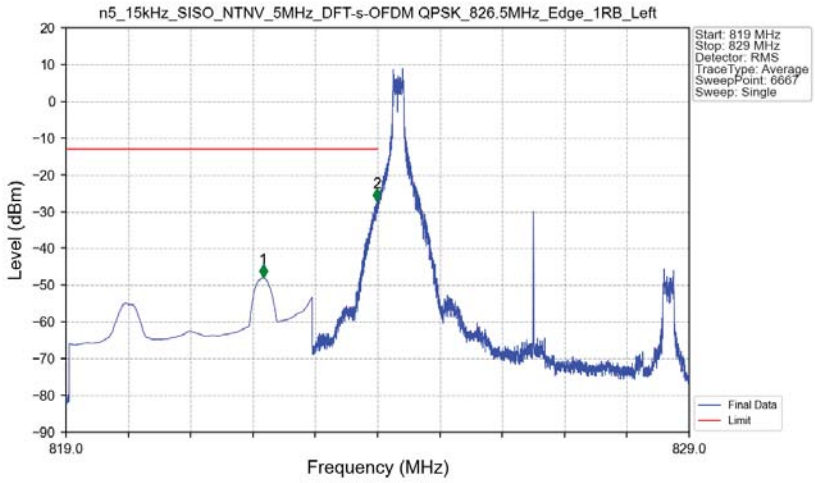
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1697.500	-46.89	-13	Pass

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



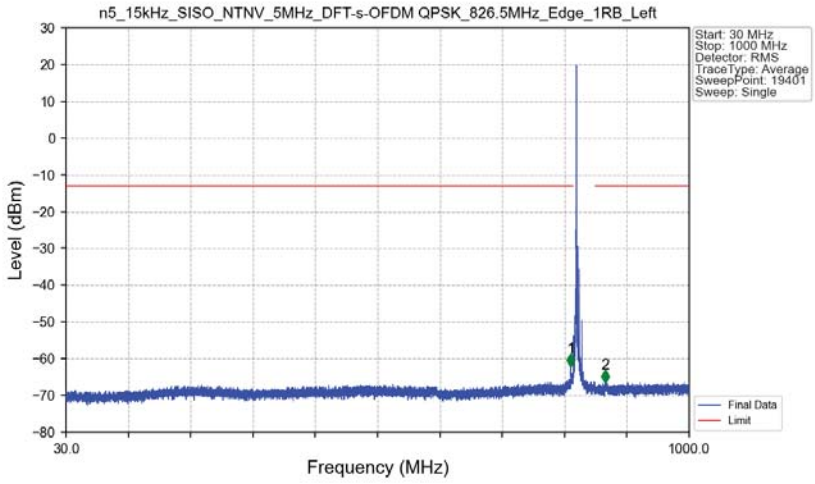
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.05343	CHP	/	/	/	/	/
849	850	0.05343	CHP	1	849.010	-25.58	-13	Pass
850	854	0.1	CHP	2	850.870	-33.48	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_826.5MHz_Edge_1RB_Left_Ant0



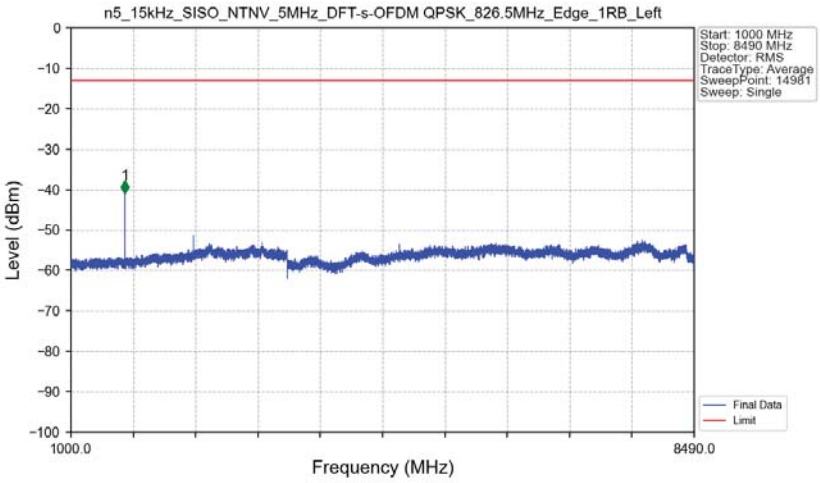
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.164	-47.89	-13	Pass
823	824	0.003	/	2	823.992	-27.27	-13	Pass
824	829	0.003	/	/	/	/	/	/

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_826.5MHz_Edge_1RB_Left_Ant0



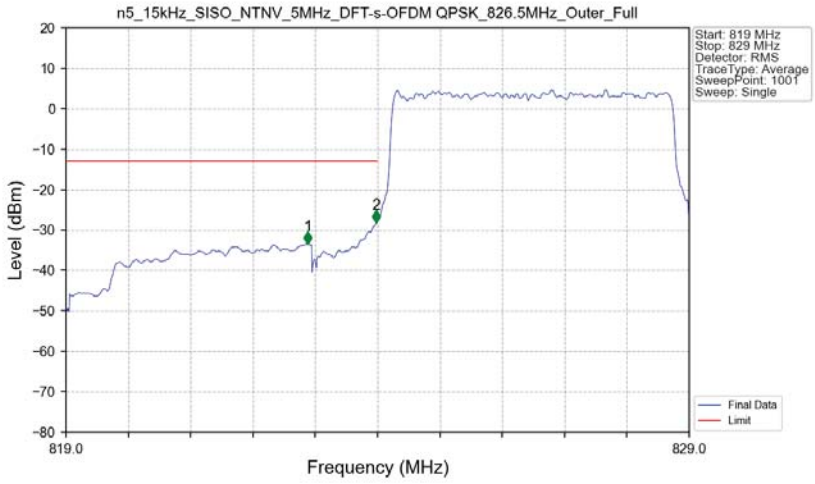
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	815.650	-62.12	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	869.750	-66.51	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_826.5MHz_Edge_1RB_Left_Ant0



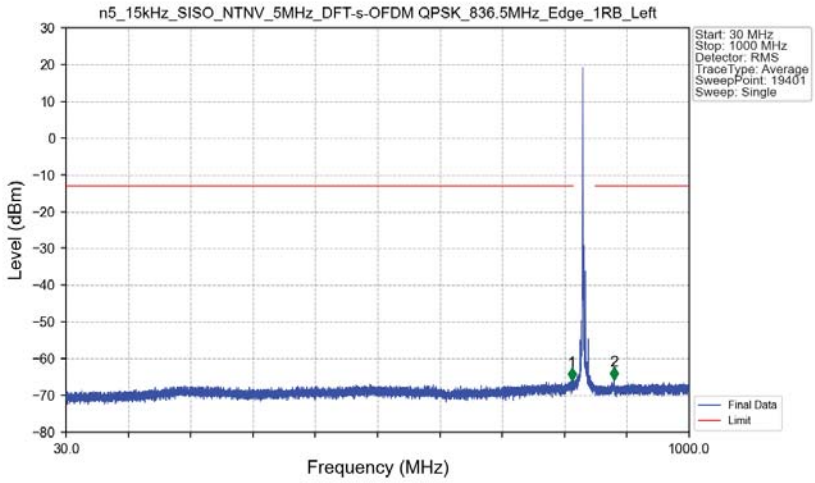
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1649.000	-40.85	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_826.5MHz_Outer_Full_Ant0



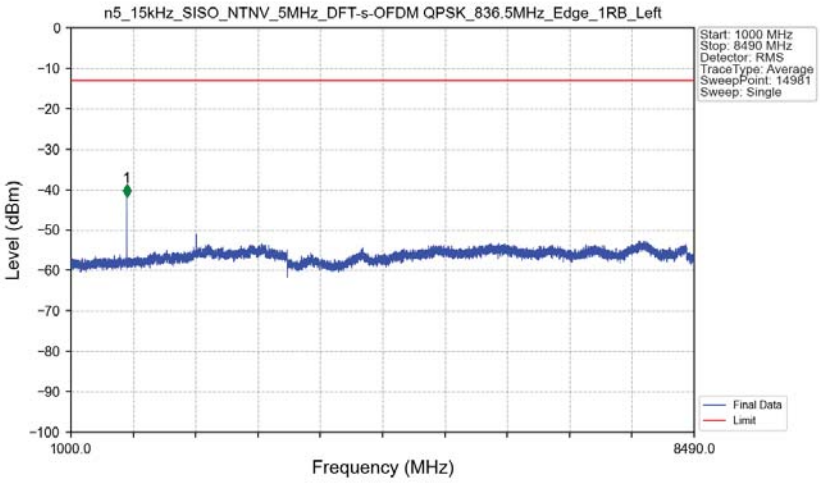
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.880	-33.43	-13	Pass
823	824	0.05245	CHP	2	823.980	-28.14	-13	Pass
824	829	0.05245	CHP	/	/	/	/	/

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_836.5MHz_Edge_1RB_Left_Ant0



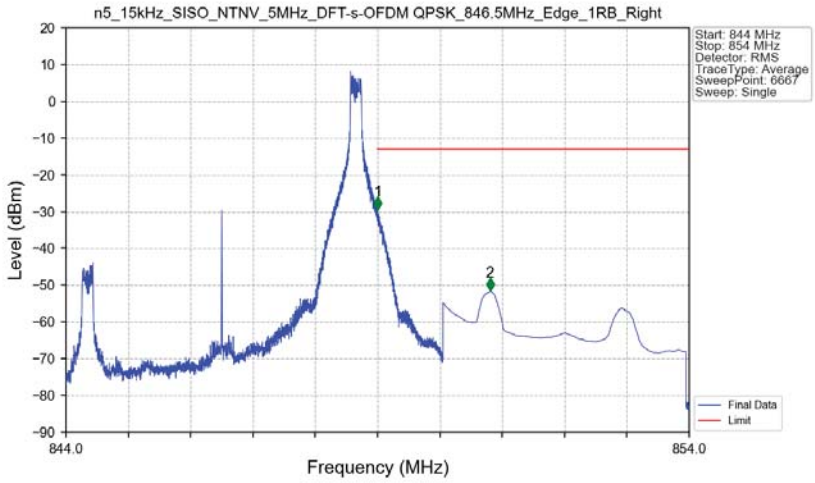
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	817.550	-65.91	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	882.800	-65.81	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_836.5MHz_Edge_1RB_Left_Ant0



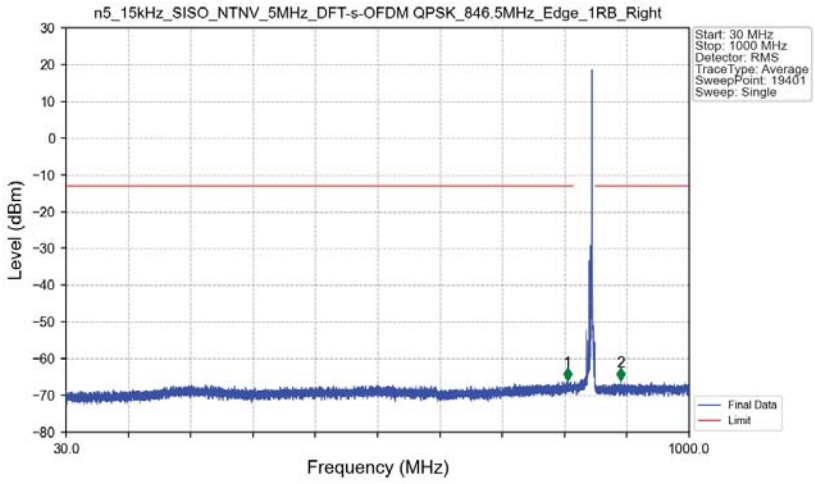
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1669.000	-41.75	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_846.5MHz_Edge_1RB_Right_Ant0



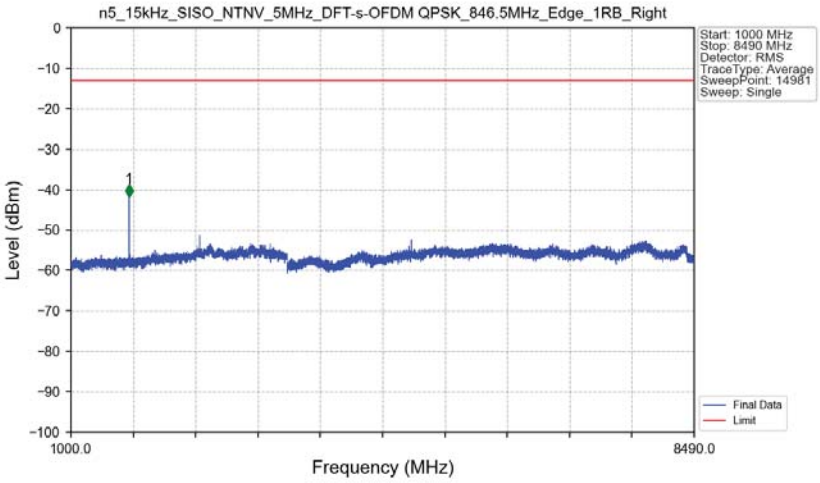
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.001	-29.42	-13	Pass
850	854	0.1	CHP	2	850.803	-51.54	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_846.5MHz_Edge_1RB_Right_Ant0



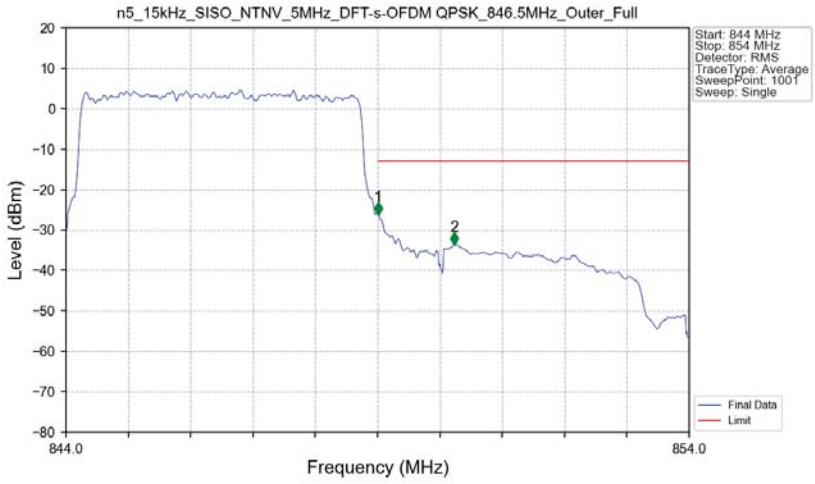
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	810.600	-65.95	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	893.800	-65.94	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_846.5MHz_Edge_1RB_Right_Ant0



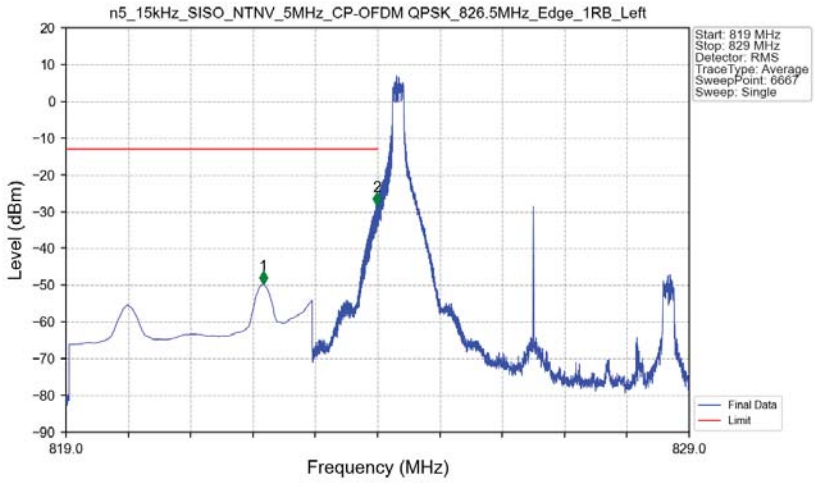
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1697.500	-41.91	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_846.5MHz_Outer_Full_Ant0



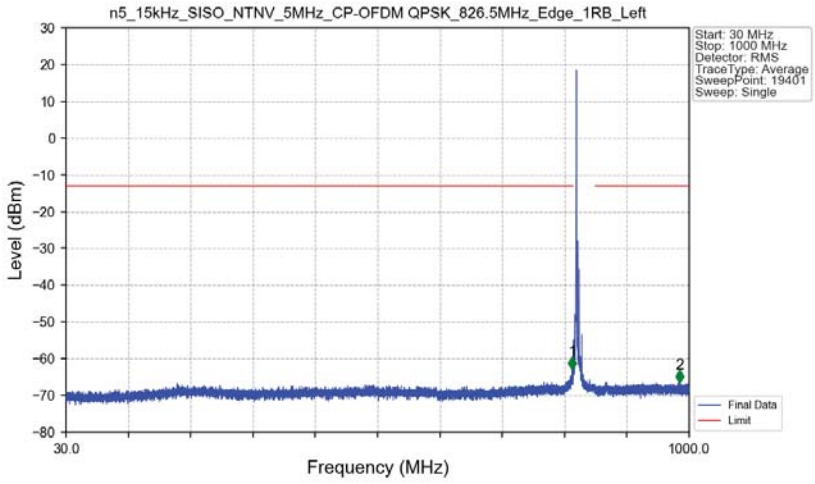
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.05343	CHP	/	/	/	/	/
849	850	0.05343	CHP	1	849.010	-26.22	-13	Pass
850	854	0.1	CHP	2	850.230	-33.68	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_826.5MHz_Edge_1RB_Left_Ant0



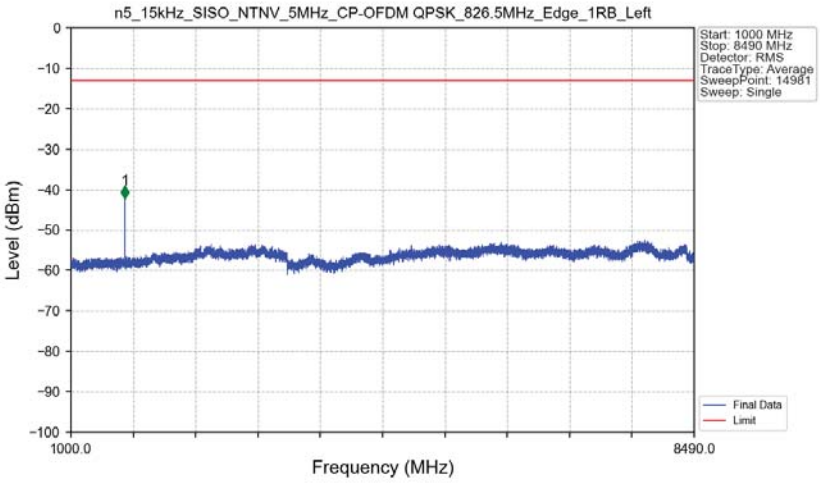
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.165	-49.66	-13	Pass
823	824	0.003	/	2	823.989	-28.24	-13	Pass
824	829	0.003	/	/	/	/	/	/

n5_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_826.5MHz_Edge_1RB_Left_Ant0



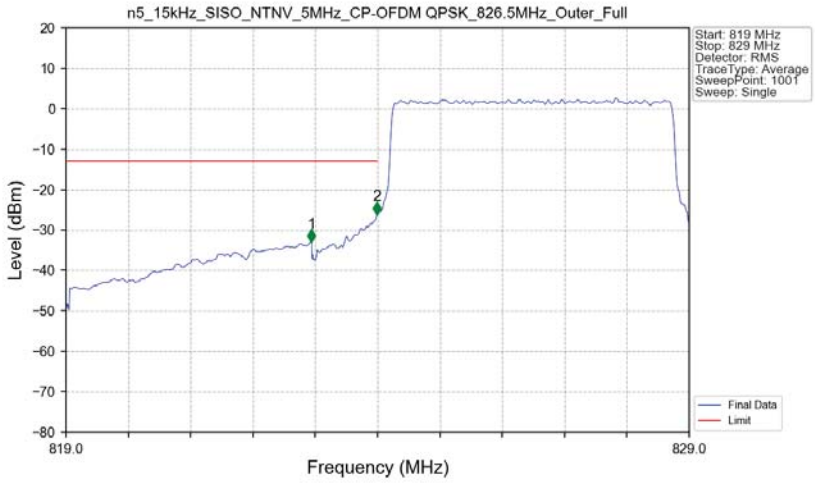
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	817.850	-62.99	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	984.750	-66.47	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_826.5MHz_Edge_1RB_Left_Ant0



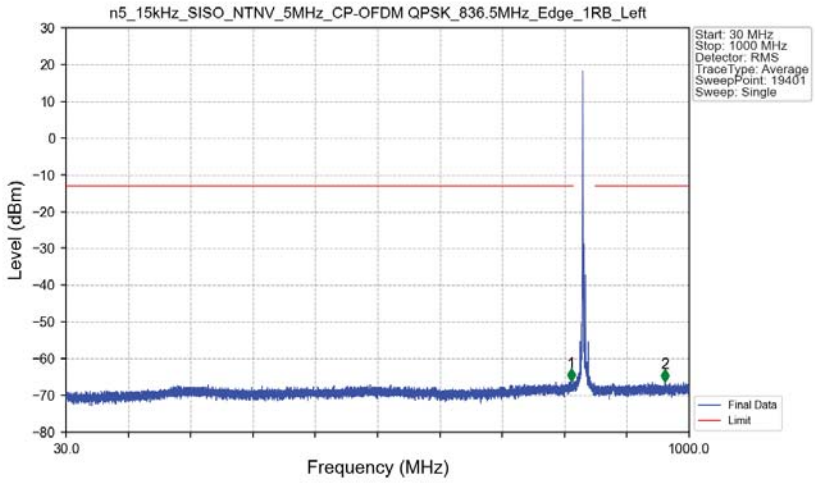
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1649.000	-42.13	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_826.5MHz_Outer_Full_Ant0



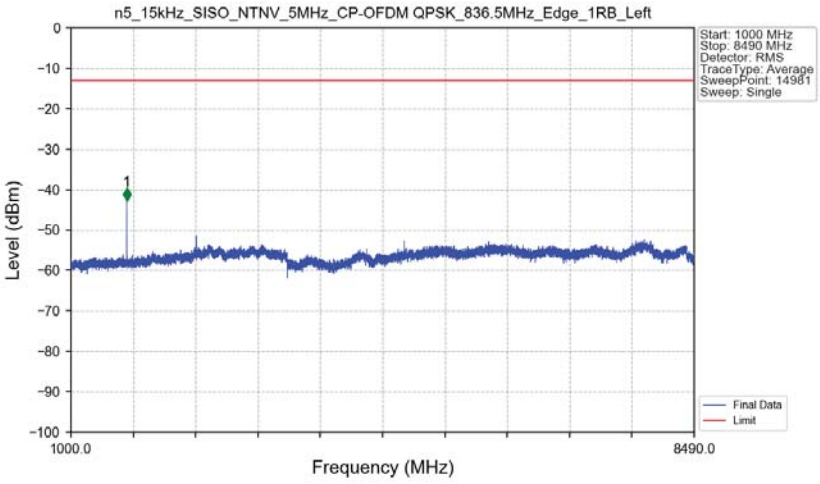
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.940	-32.89	-13	Pass
823	824	0.05469	CHP	2	823.990	-26.12	-13	Pass
824	829	0.05469	CHP	/	/	/	/	/

n5_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_836.5MHz_Edge_1RB_Left_Ant0



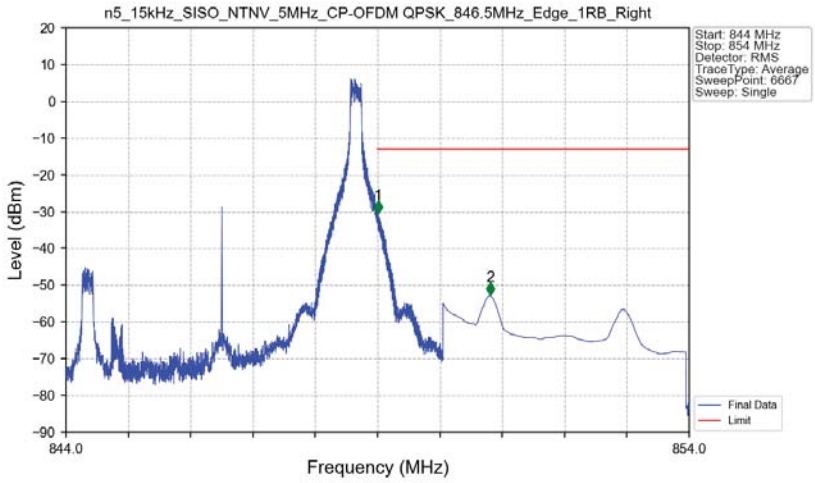
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	816.500	-66.21	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	962.500	-66.27	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_836.5MHz_Edge_1RB_Left_Ant0



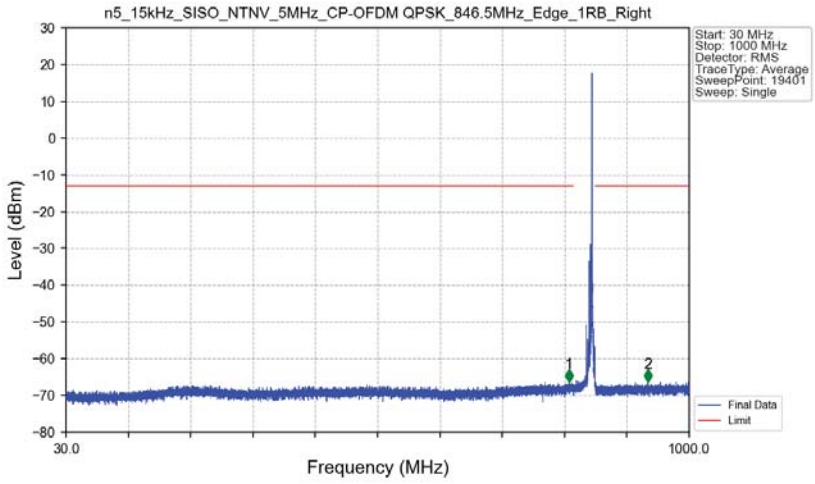
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1669.000	-42.66	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_846.5MHz_Edge_1RB_Right_Ant0



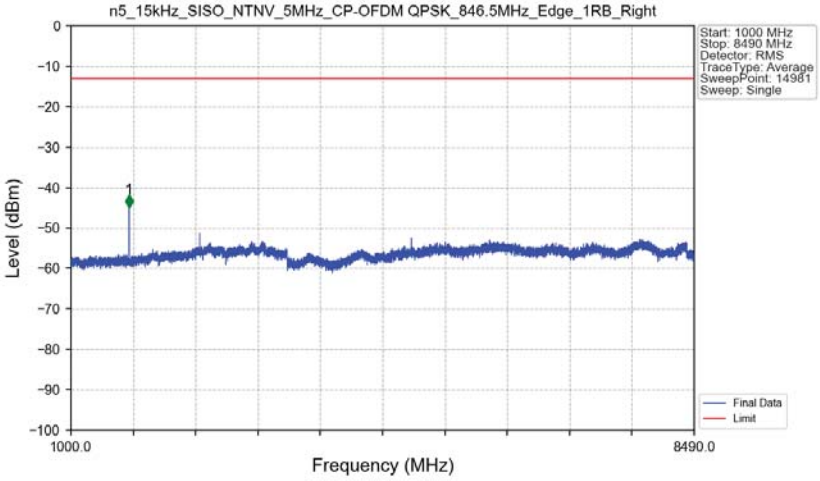
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.006	-30.42	-13	Pass
850	854	0.1	CHP	2	850.806	-52.70	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_846.5MHz_Edge_1RB_Right_Ant0



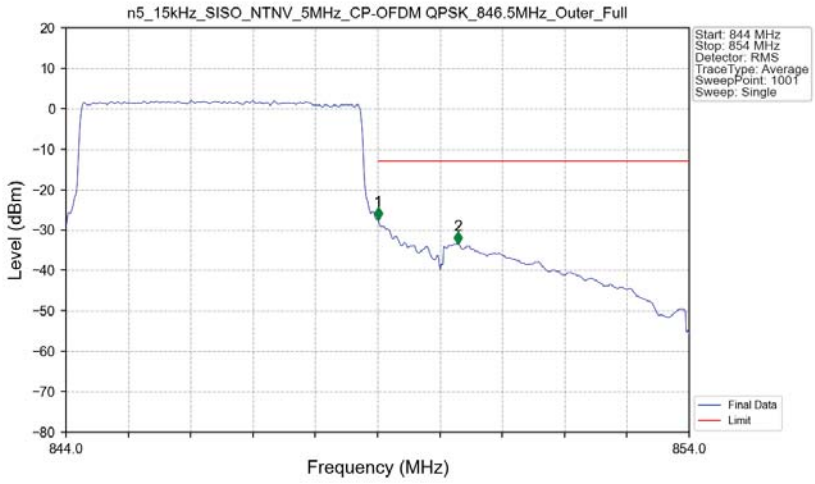
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	812.900	-66.35	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	935.900	-66.28	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_846.5MHz_Edge_1RB_Right_Ant0



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1697.500	-45.00	-13	Pass

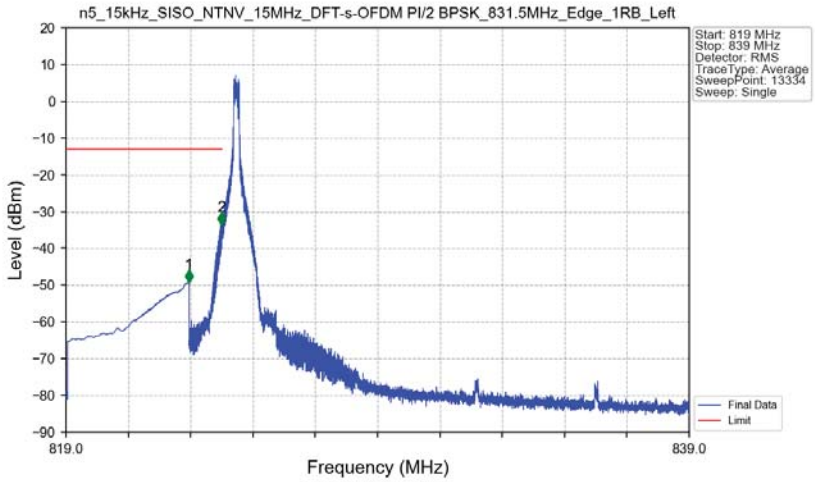
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_846.5MHz_Outer_Full_Ant0



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.05375	CHP	/	/	/	/	/
849	850	0.05375	CHP	1	849.010	-27.51	-13	Pass
850	854	0.1	CHP	2	850.290	-33.45	-13	Pass

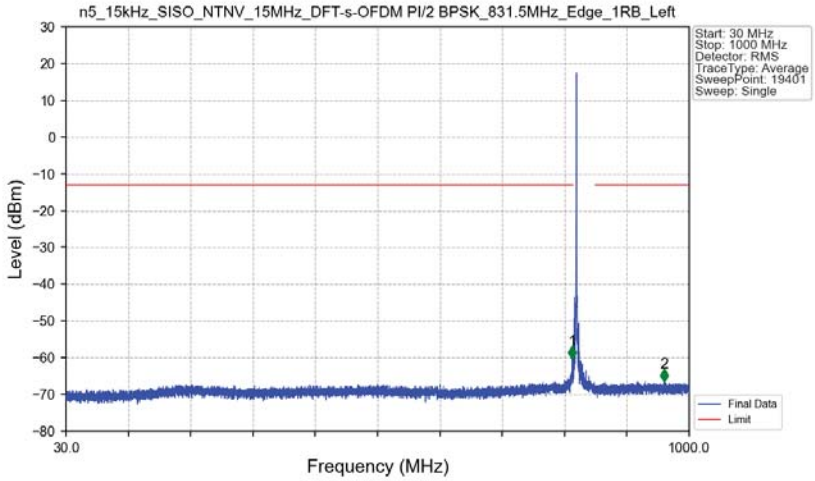
5.2.2 15k_SISO_15MHz_NTNV

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



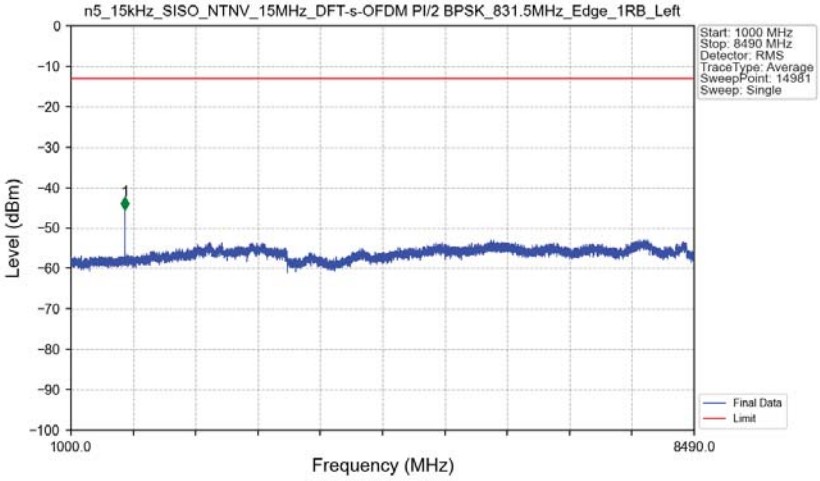
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.938	-49.24	-13	Pass
823	824	0.003	/	2	823.995	-33.68	-13	Pass
824	839	0.003	/	/	/	/	/	/

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



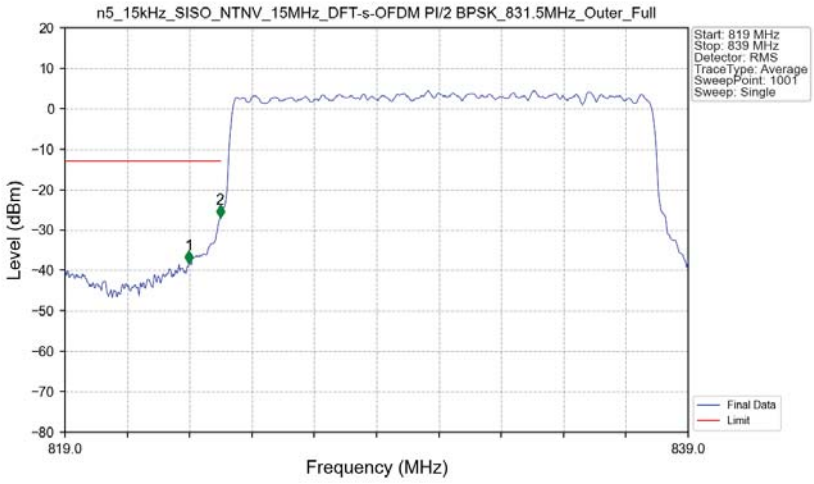
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	817.950	-60.29	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	960.900	-66.58	-13	Pass

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



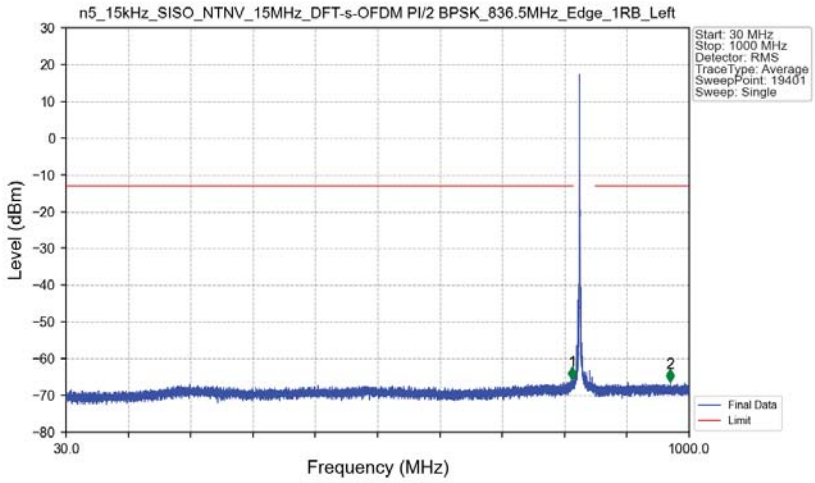
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1649.000	-45.42	-13	Pass

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



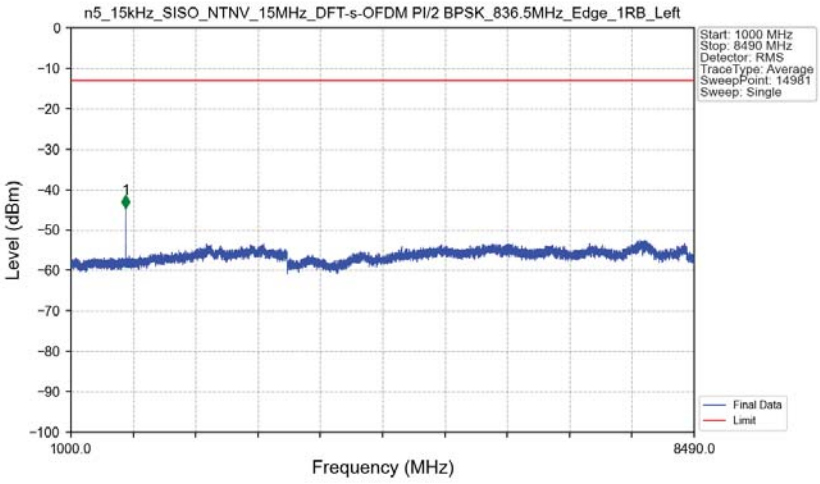
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	/	1	822.980	-38.21	-13	Pass
823	824	0.14803	CHP	2	823.980	-26.88	-13	Pass
824	839	0.14803	CHP	/	/	/	/	/

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_836.5MHz_Edge_1RB_Left_Ant0



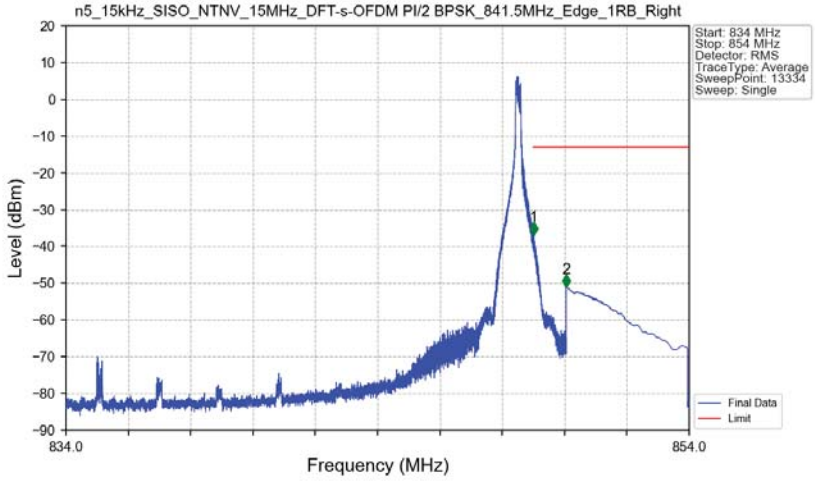
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.100	-65.78	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	970.750	-66.26	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_836.5MHz_Edge_1RB_Left_Ant0



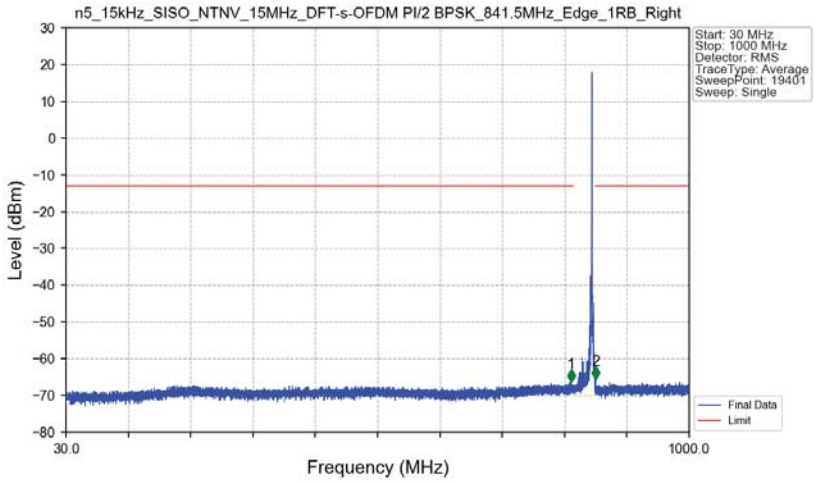
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1659.000	-44.49	-13	Pass

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



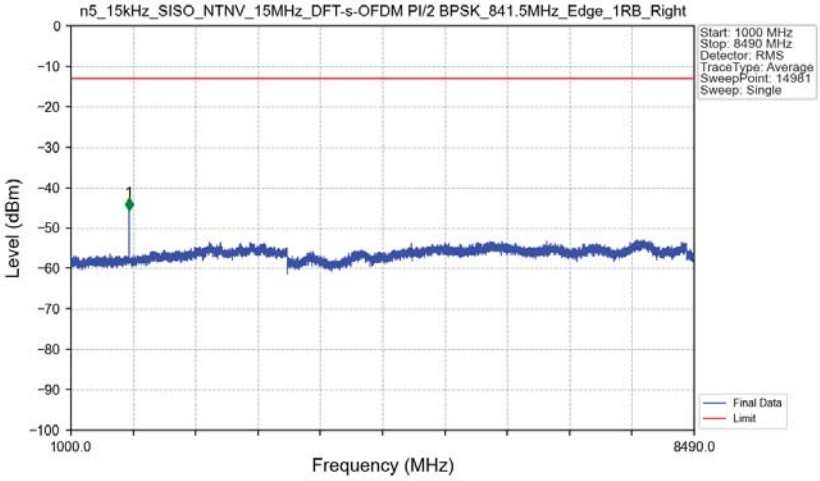
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.008	-36.79	-13	Pass
850	854	0.1	CHP	2	850.062	-51.01	-13	Pass

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



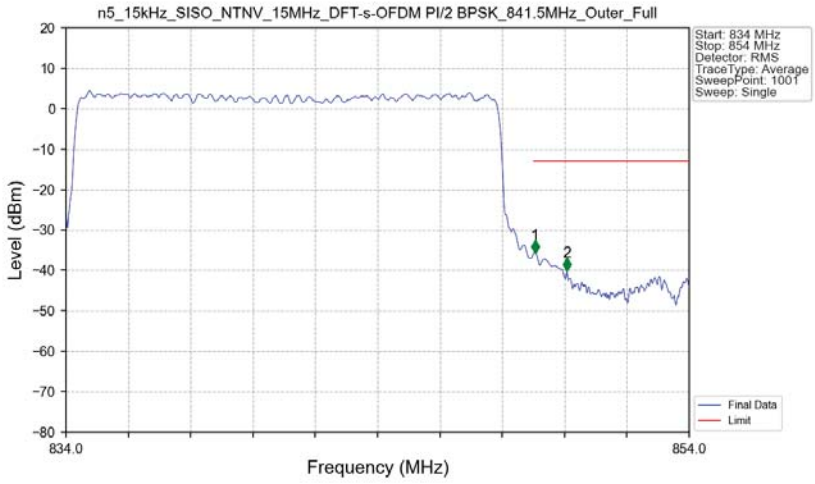
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	816.000	-66.34	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	854.350	-65.59	-13	Pass

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



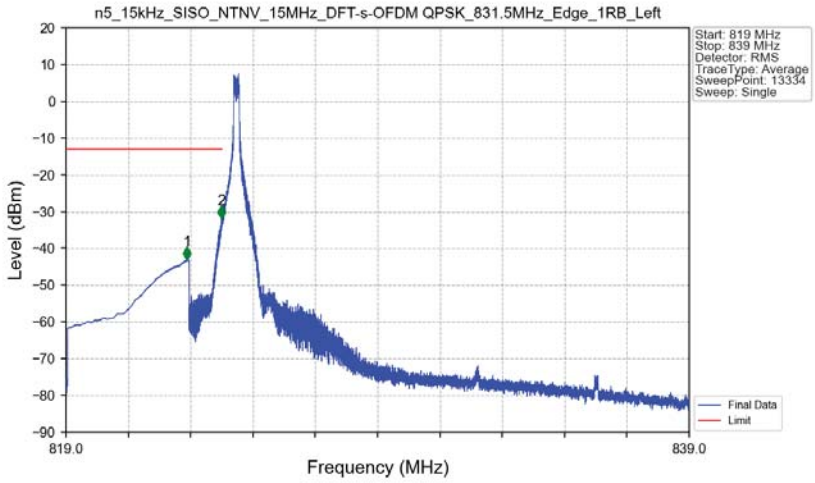
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1697.500	-45.74	-13	Pass

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



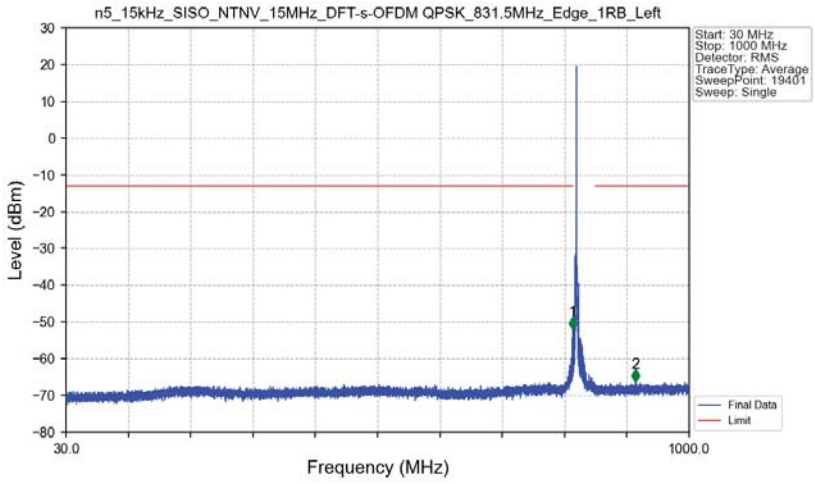
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.14838	CHP	/	/	/	/	/
849	850	0.14838	CHP	1	849.060	-35.61	-13	Pass
850	854	0.1	/	2	850.080	-40.07	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_831.5MHz_Edge_1RB_Left_Ant0



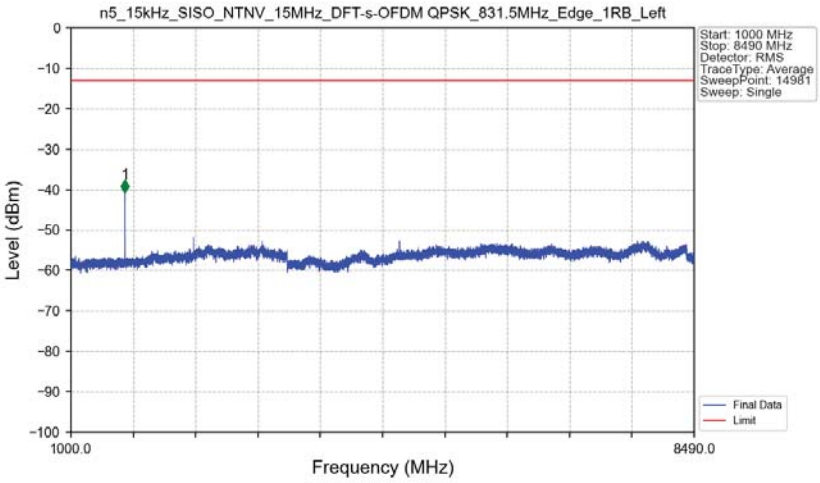
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.887	-42.98	-13	Pass
823	824	0.003	/	2	823.992	-31.90	-13	Pass
824	839	0.003	/	/	/	/	/	/

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_831.5MHz_Edge_1RB_Left_Ant0



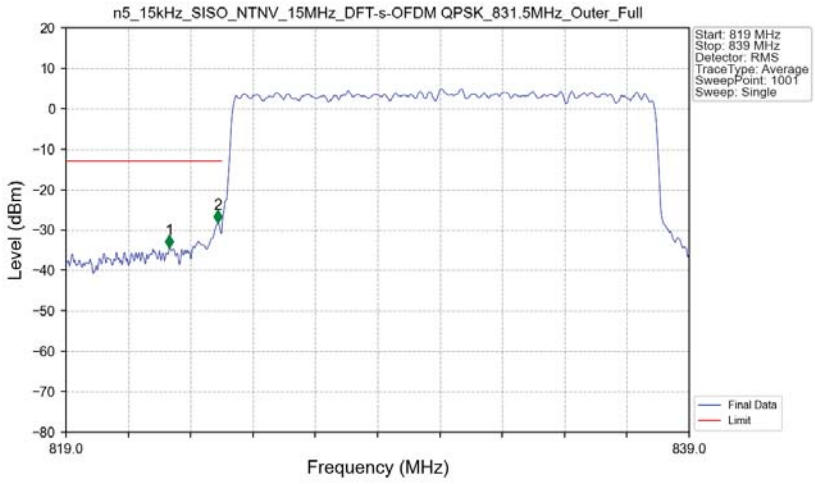
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.700	-52.04	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	916.400	-66.31	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_831.5MHz_Edge_1RB_Left_Ant0



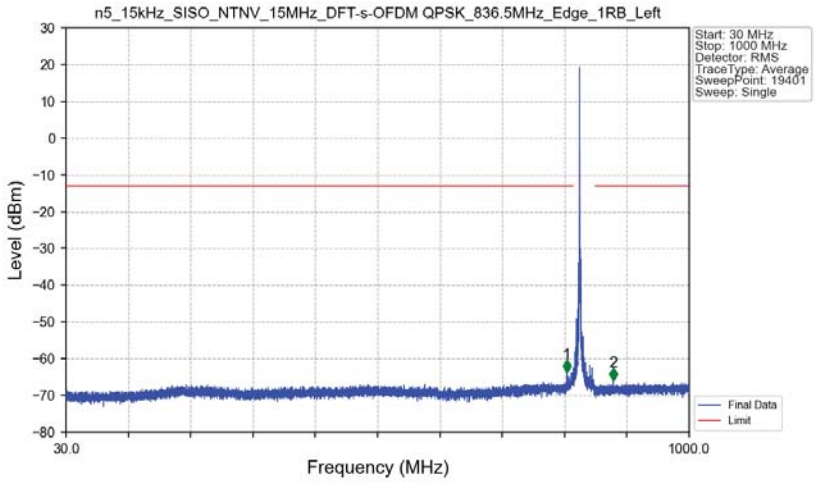
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1649.000	-40.81	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_831.5MHz_Outer_Full_Ant0



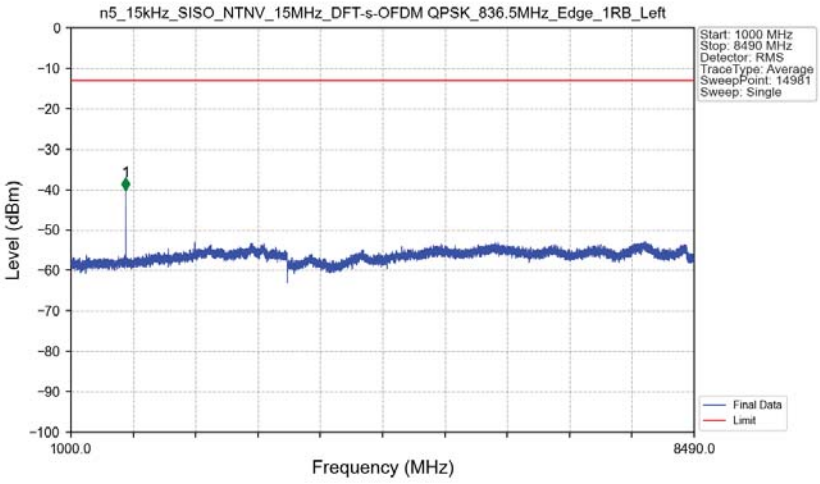
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	/	1	822.320	-34.37	-13	Pass
823	824	0.15513	CHP	2	823.880	-28.20	-13	Pass
824	839	0.15513	CHP	/	/	/	/	/

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_836.5MHz_Edge_1RB_Left_Ant0



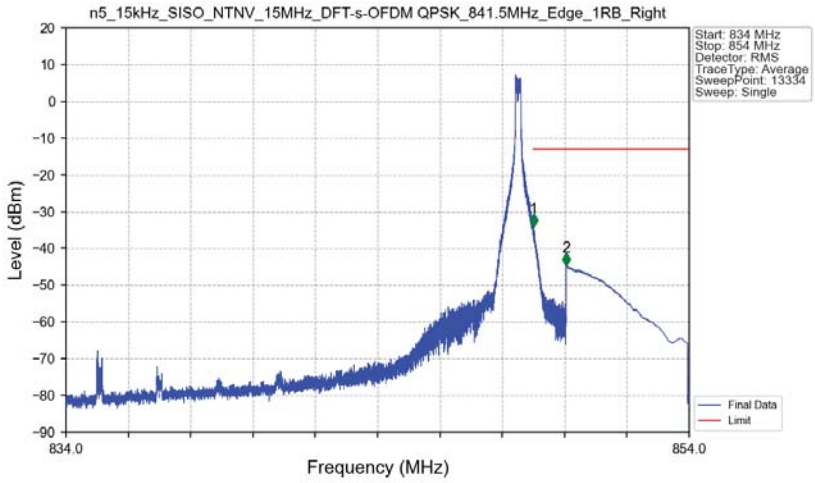
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	809.650	-63.69	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	881.850	-65.90	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_836.5MHz_Edge_1RB_Left_Ant0



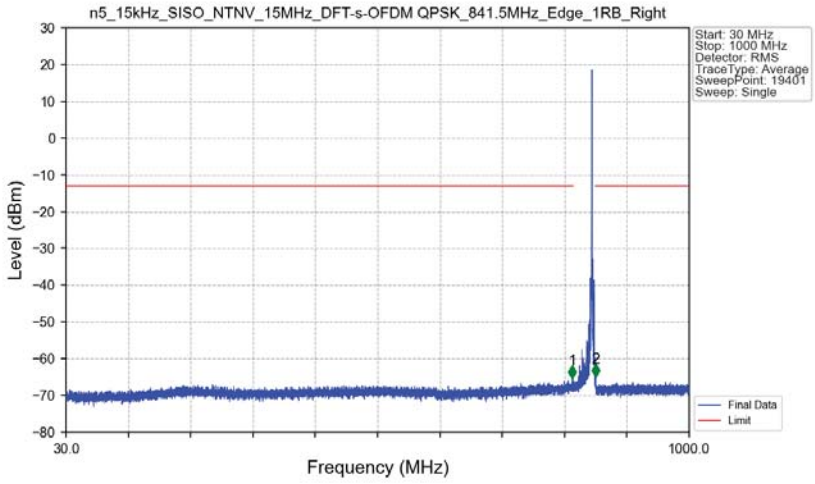
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1659.000	-40.27	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_841.5MHz_Edge_1RB_Right_Ant0



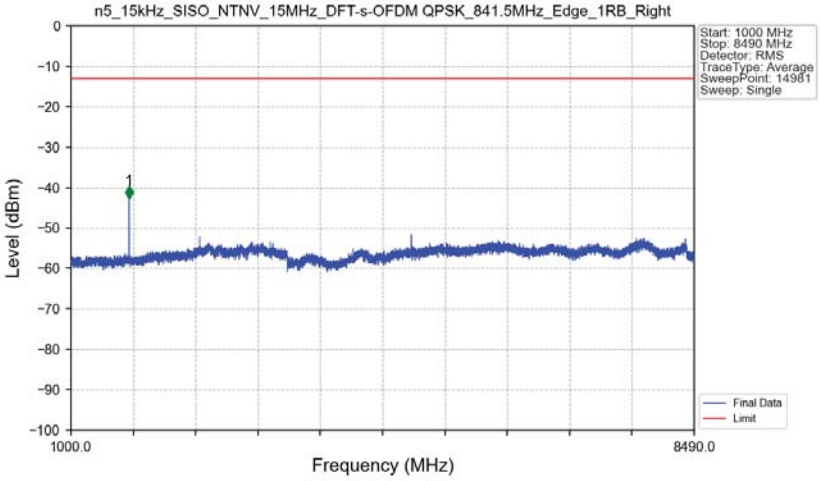
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.000	-34.02	-13	Pass
850	854	0.1	CHP	2	850.061	-44.66	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_841.5MHz_Edge_1RB_Right_Ant0



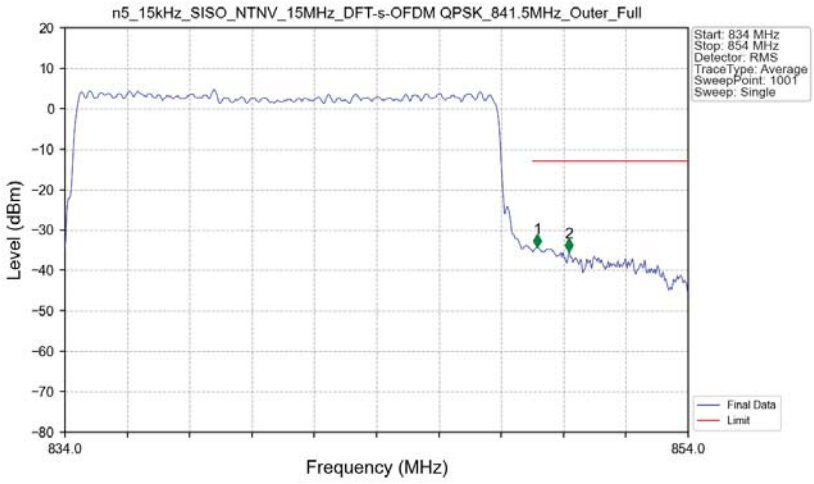
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.100	-65.30	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	854.300	-64.84	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_841.5MHz_Edge_1RB_Right_Ant0



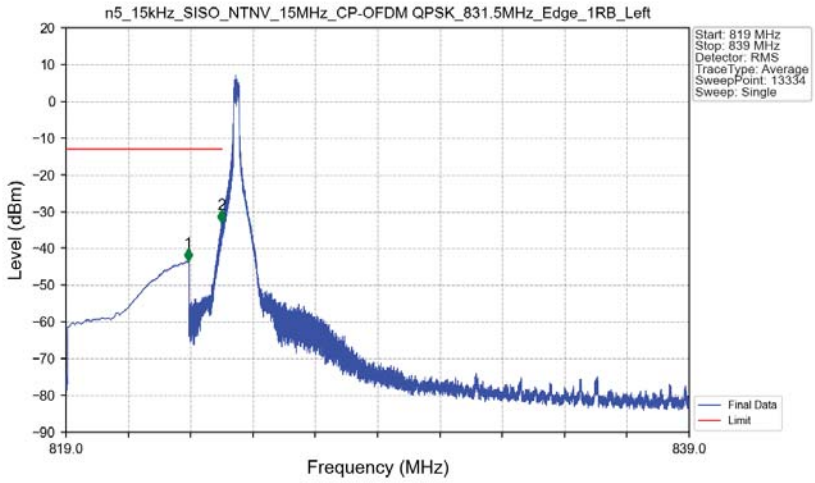
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1697.000	-42.76	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_841.5MHz_Outer_Full_Ant0



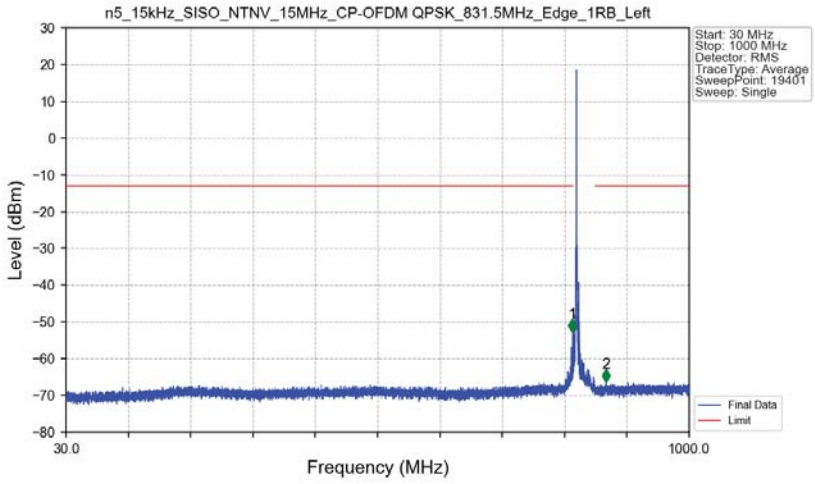
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.14912	CHP	/	/	/	/	/
849	850	0.14912	CHP	1	849.160	-34.20	-13	Pass
850	854	0.1	/	2	850.180	-35.26	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_831.5MHz_Edge_1RB_Left_Ant0



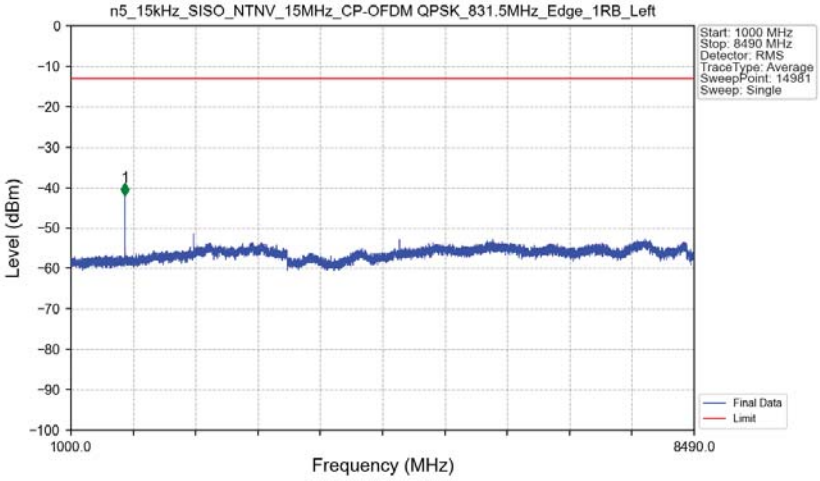
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.914	-43.53	-13	Pass
823	824	0.003	/	2	823.992	-33.05	-13	Pass
824	839	0.003	/	/	/	/	/	/

n5_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_831.5MHz_Edge_1RB_Left_Ant0



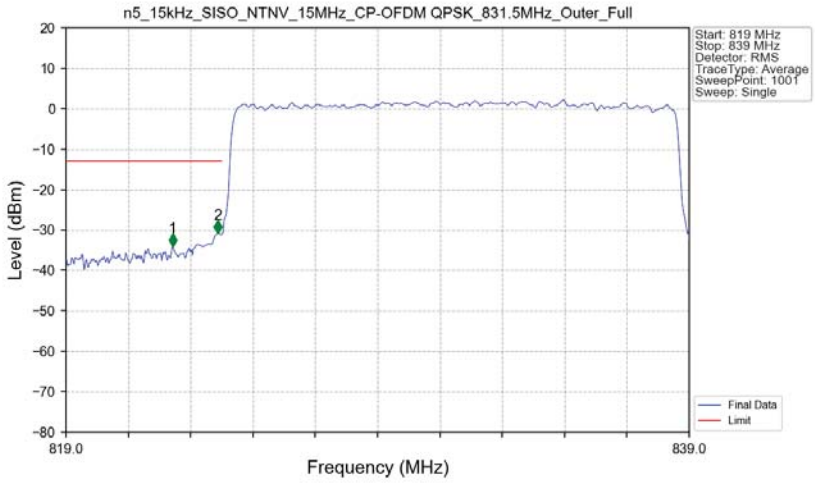
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.250	-52.68	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	870.750	-66.39	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_831.5MHz_Edge_1RB_Left_Ant0



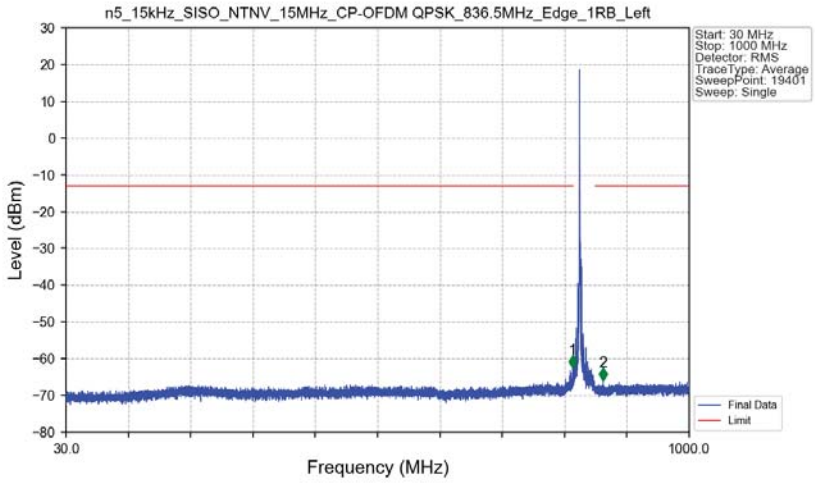
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1649.000	-41.95	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_831.5MHz_Outer_Full_Ant0



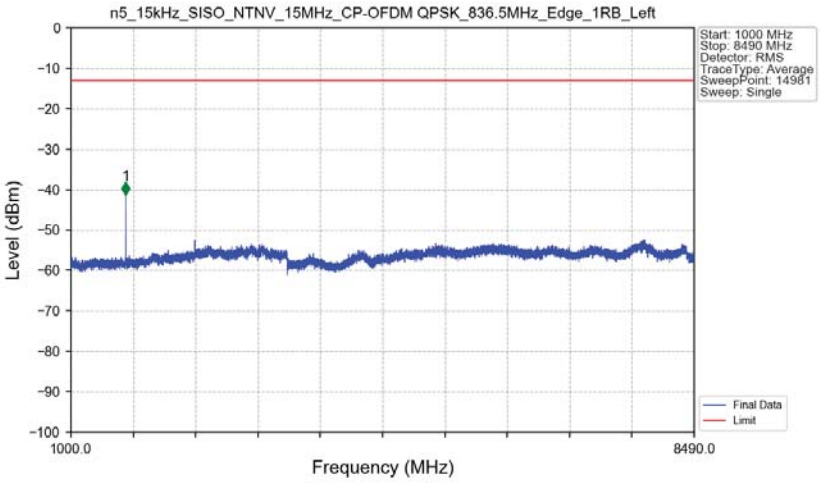
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	/	1	822.420	-34.07	-13	Pass
823	824	0.14803	CHP	2	823.880	-30.73	-13	Pass
824	839	0.14803	CHP	/	/	/	/	/

n5_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_836.5MHz_Edge_1RB_Left_Ant0



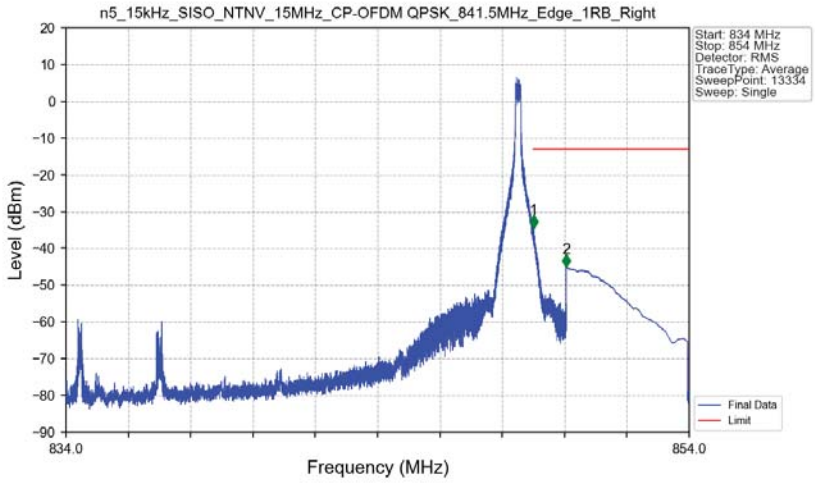
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.350	-62.55	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	866.200	-65.86	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_836.5MHz_Edge_1RB_Left_Ant0



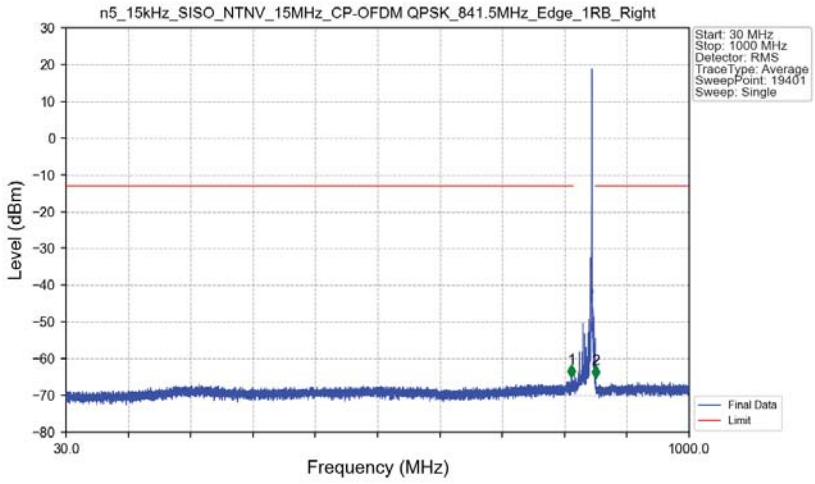
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1659.000	-41.20	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_841.5MHz_Edge_1RB_Right_Ant0



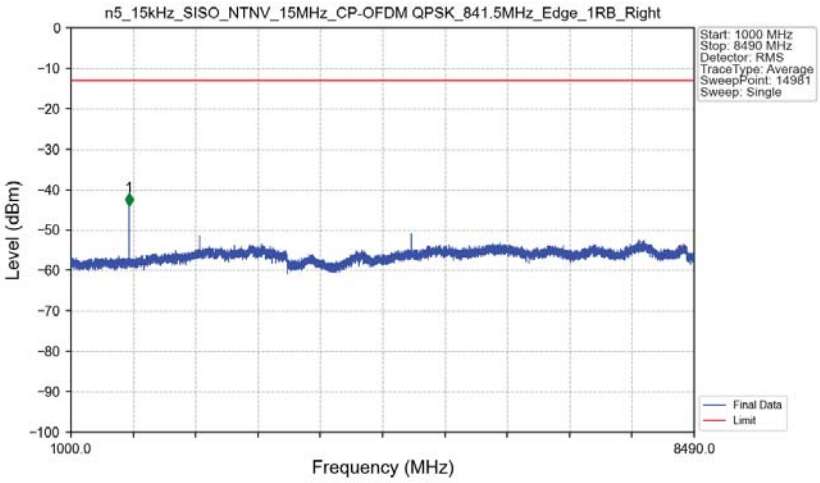
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.003	-34.47	-13	Pass
850	854	0.1	CHP	2	850.061	-45.03	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_841.5MHz_Edge_1RB_Right_Ant0



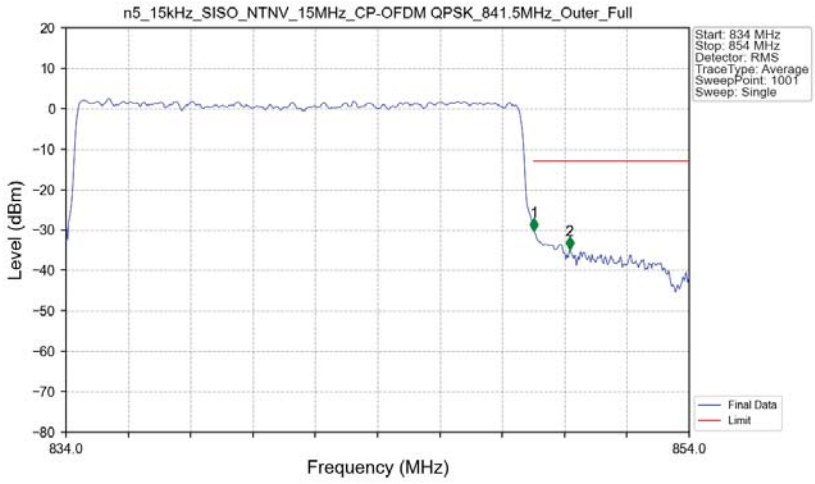
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	816.800	-65.09	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	854.050	-65.23	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_841.5MHz_Edge_1RB_Right_Ant0



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1697.000	-43.99	-13	Pass

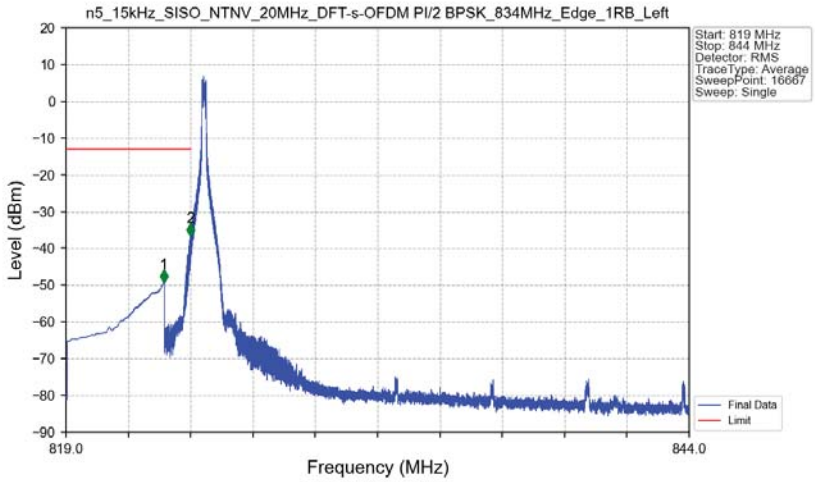
n5_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_841.5MHz_Outer_Full_Ant0



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.15527	CHP	/	/	/	/	/
849	850	0.15527	CHP	1	849.020	-30.14	-13	Pass
850	854	0.1	/	2	850.160	-34.84	-13	Pass

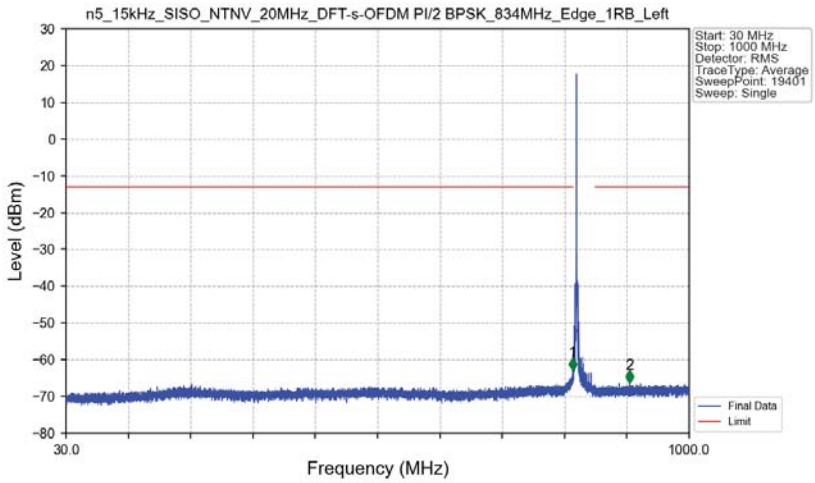
5.2.3 15k_SISO_20MHz_NTNV

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_834MHz_Edge_1RB_Left_Ant0



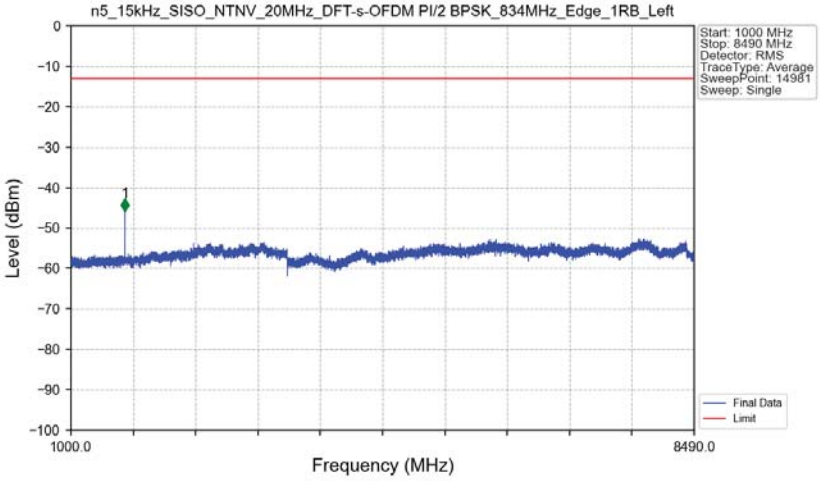
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.926	-49.31	-13	Pass
823	824	0.003	/	2	823.994	-36.57	-13	Pass
824	844	0.003	/	/	/	/	/	/

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_834MHz_Edge_1RB_Left_Ant0



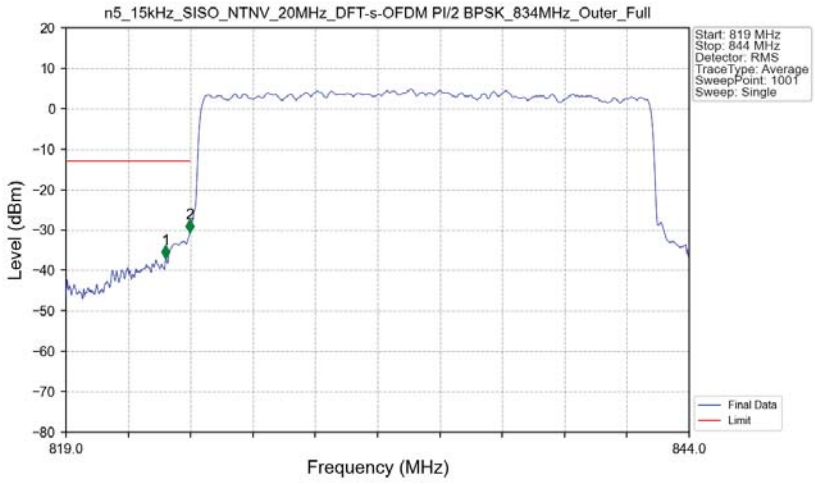
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.750	-62.85	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	907.200	-66.39	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_834MHz_Edge_1RB_Left_Ant0



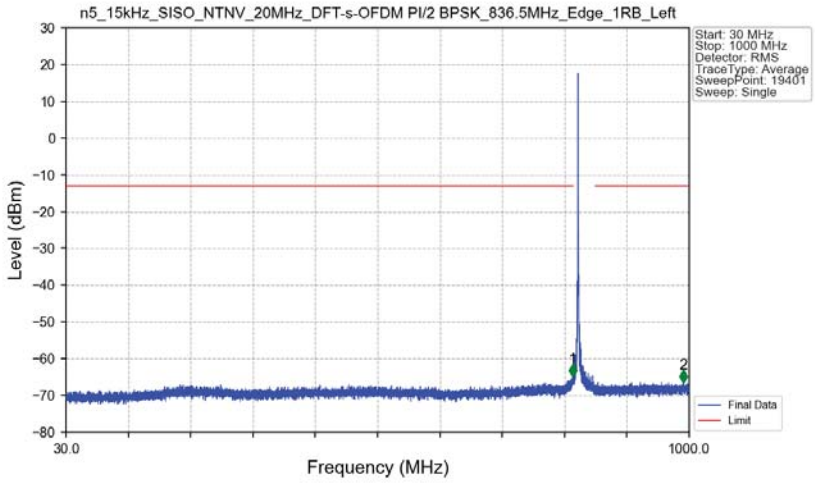
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1649.000	-45.81	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_834MHz_Outer_Full_Ant0



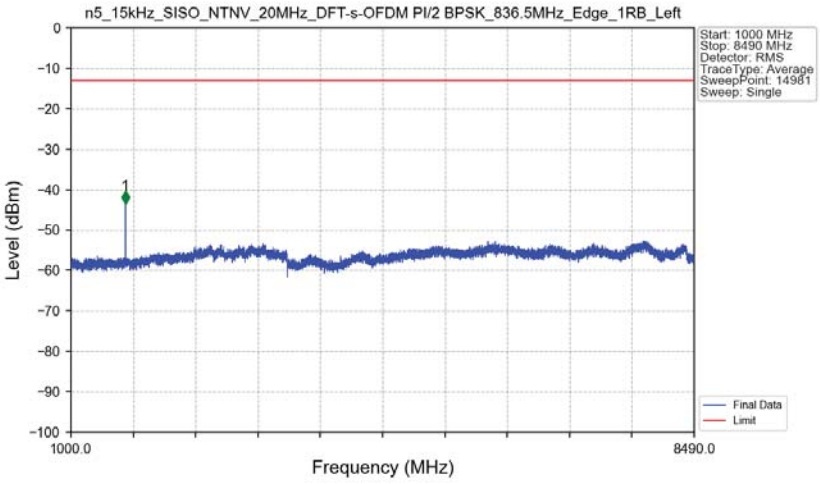
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	/	1	823.000	-36.90	-13	Pass
823	824	0.20904	CHP	2	823.975	-30.59	-13	Pass
824	844	0.20904	CHP	/	/	/	/	/

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_836.5MHz_Edge_1RB_Left_Ant0



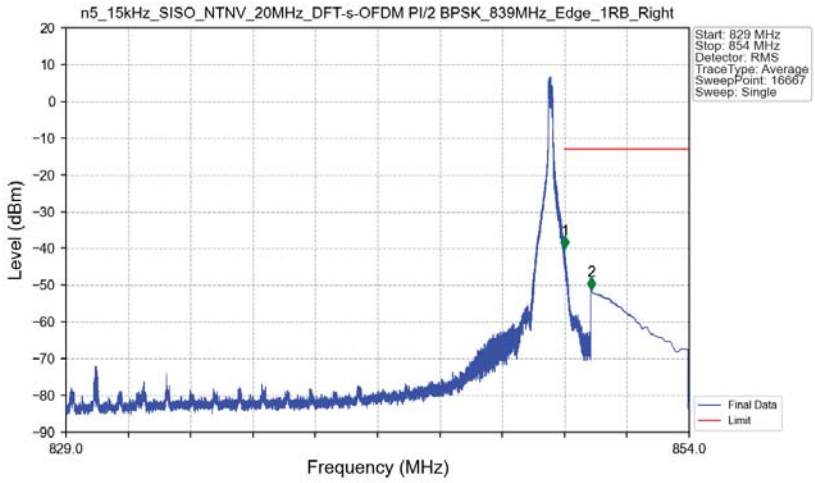
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.350	-64.98	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	991.200	-66.46	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_836.5MHz_Edge_1RB_Left_Ant0



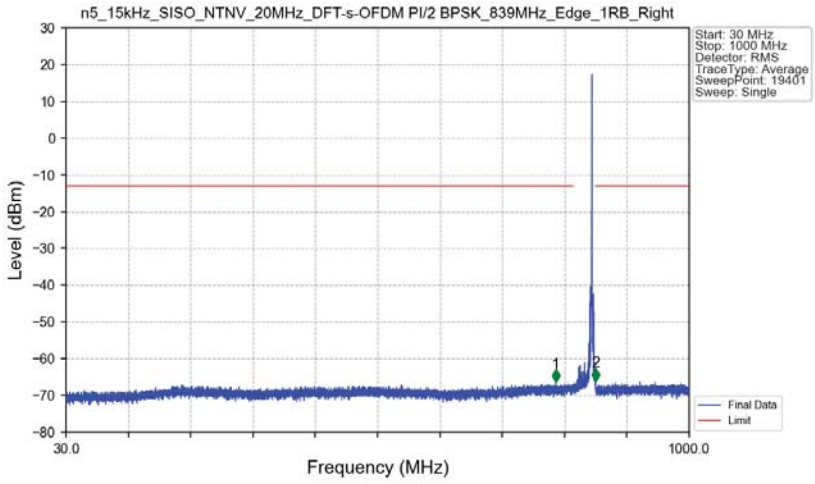
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1654.500	-43.51	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_839MHz_Edge_1RB_Right_Ant0



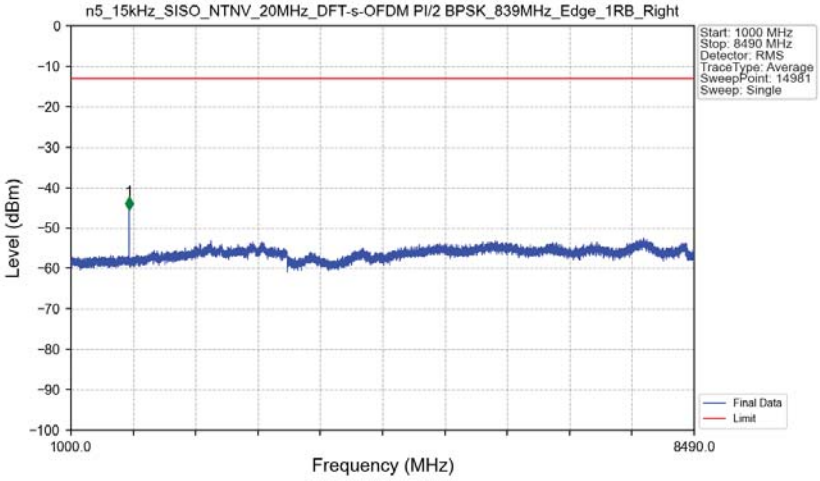
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
829	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.008	-40.03	-13	Pass
850	854	0.1	CHP	2	850.061	-51.33	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_839MHz_Edge_1RB_Right_Ant0



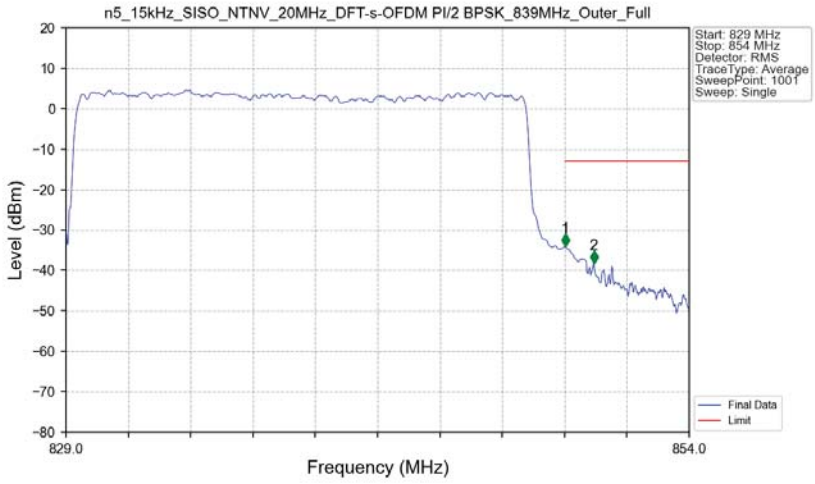
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	792.200	-66.41	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	854.200	-66.01	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_839MHz_Edge_1RB_Right_Ant0



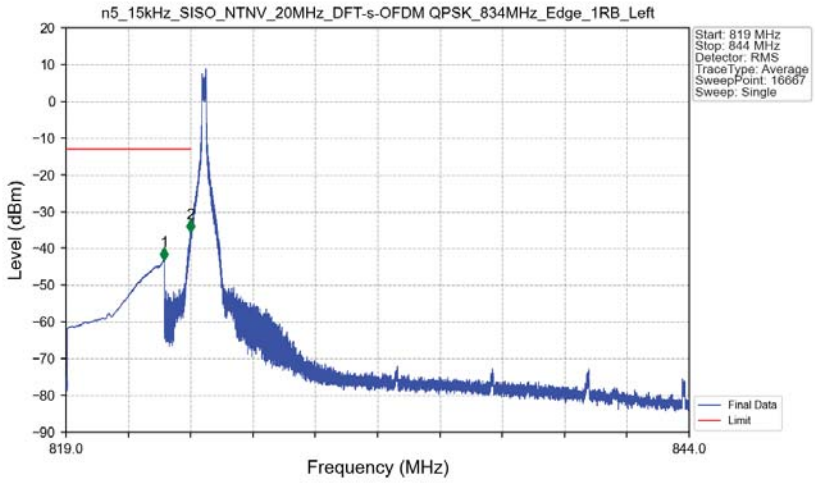
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1697.000	-45.54	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_839MHz_Outer_Full_Ant0



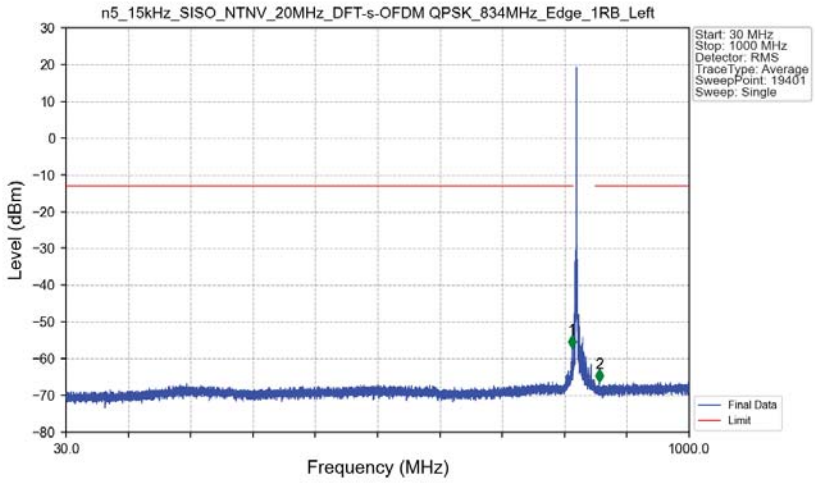
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
829	849	0.20577	CHP	/	/	/	/	/
849	850	0.20577	CHP	1	849.025	-34.10	-13	Pass
850	854	0.1	/	2	850.175	-38.28	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_834MHz_Edge_1RB_Left_Ant0



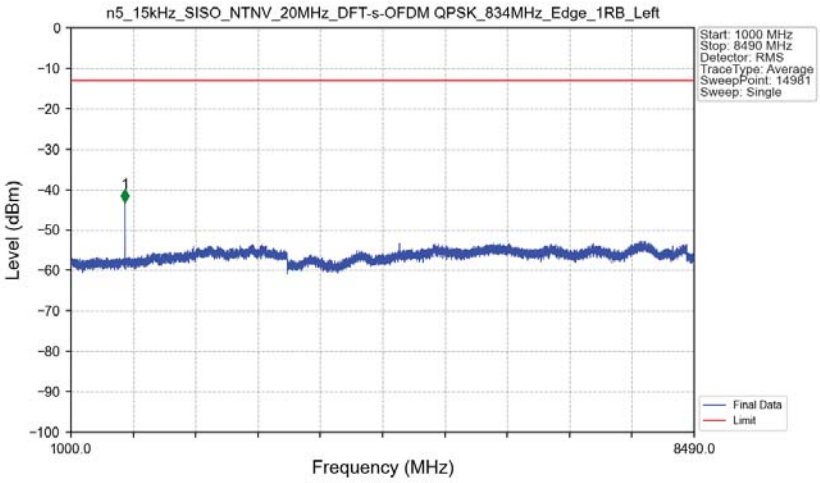
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.933	-43.20	-13	Pass
823	824	0.003	/	2	823.992	-35.64	-13	Pass
824	844	0.003	/	/	/	/	/	/

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_834MHz_Edge_1RB_Left_Ant0



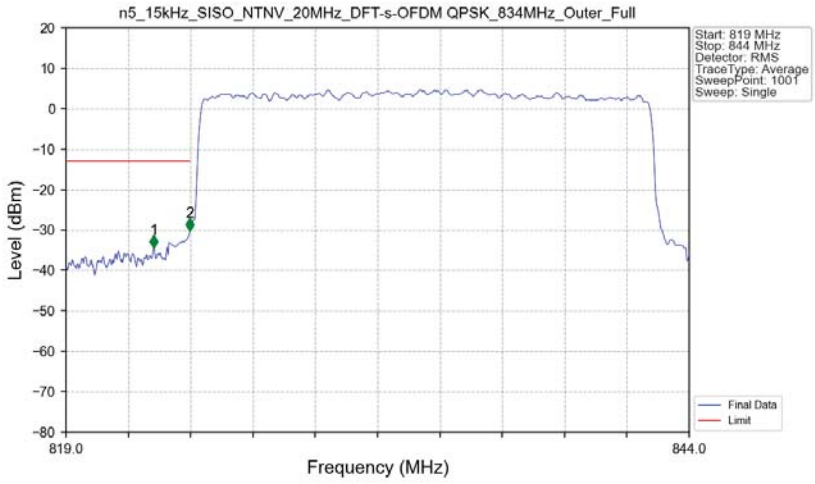
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	817.300	-57.15	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	859.950	-66.32	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_834MHz_Edge_1RB_Left_Ant0



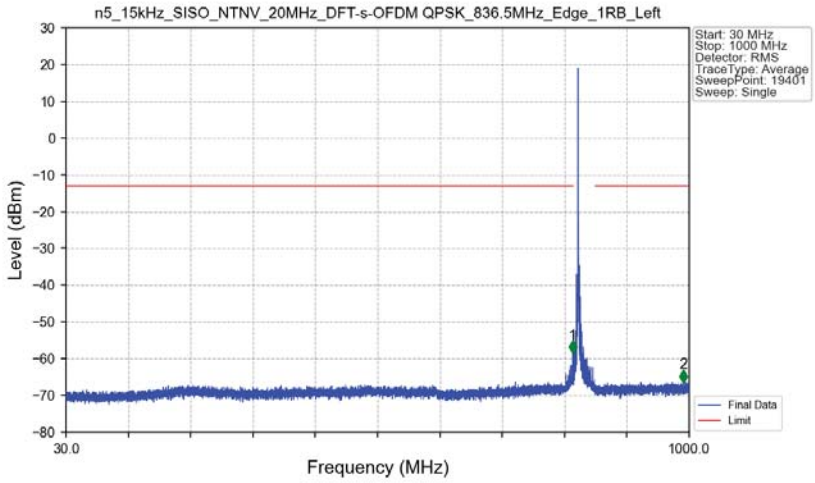
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1649.500	-43.11	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_834MHz_Outer_Full_Ant0



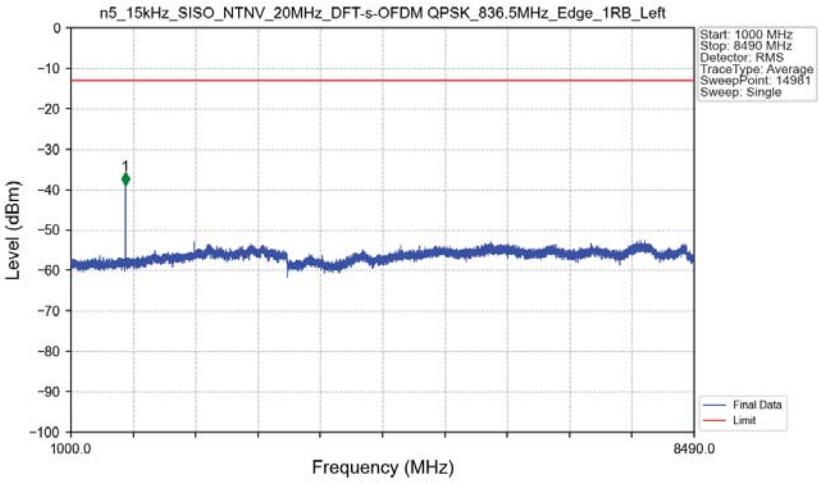
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	/	1	822.525	-34.36	-13	Pass
823	824	0.20904	CHP	2	823.975	-30.21	-13	Pass
824	844	0.20904	CHP	/	/	/	/	/

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_836.5MHz_Edge_1RB_Left_Ant0



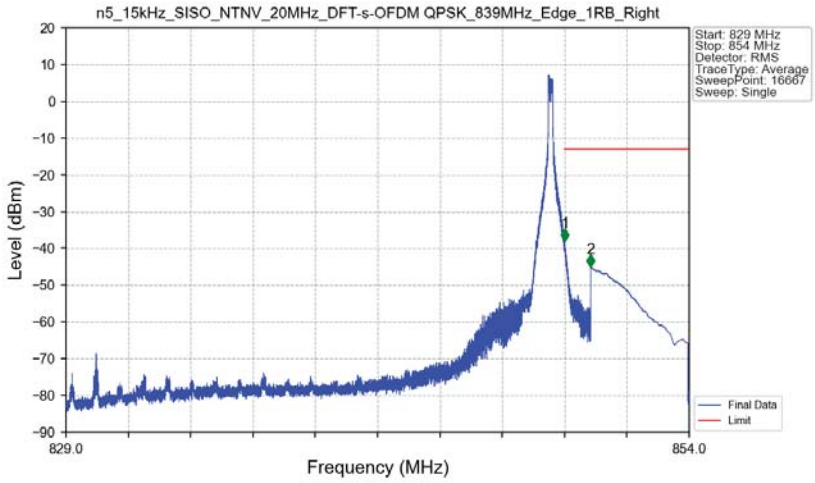
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.850	-58.52	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	991.350	-66.42	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_836.5MHz_Edge_1RB_Left_Ant0



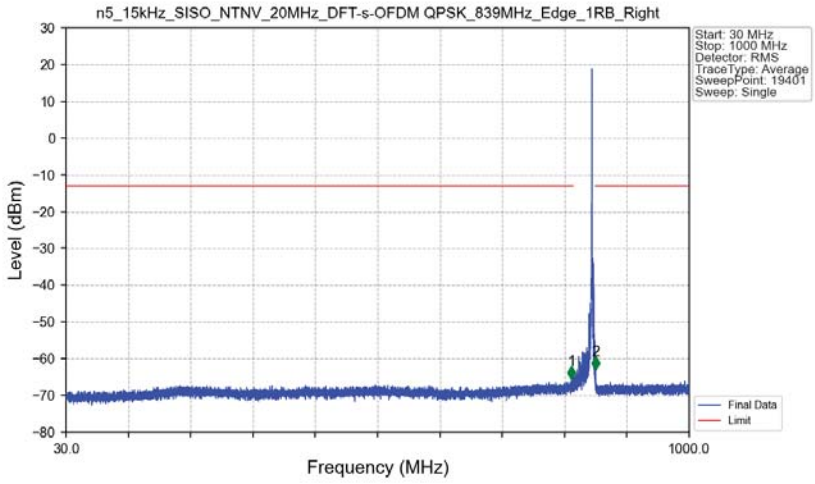
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1654.500	-38.83	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_839MHz_Edge_1RB_Right_Ant0



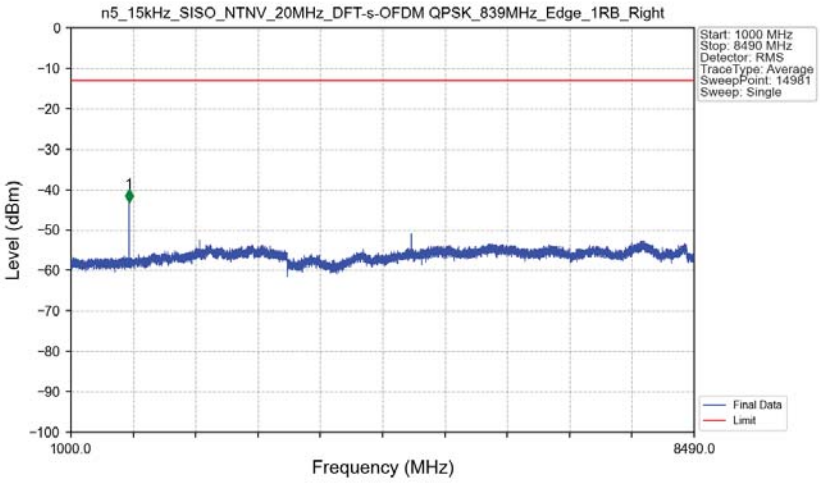
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
829	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.015	-38.13	-13	Pass
850	854	0.1	CHP	2	850.052	-45.04	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_839MHz_Edge_1RB_Right_Ant0



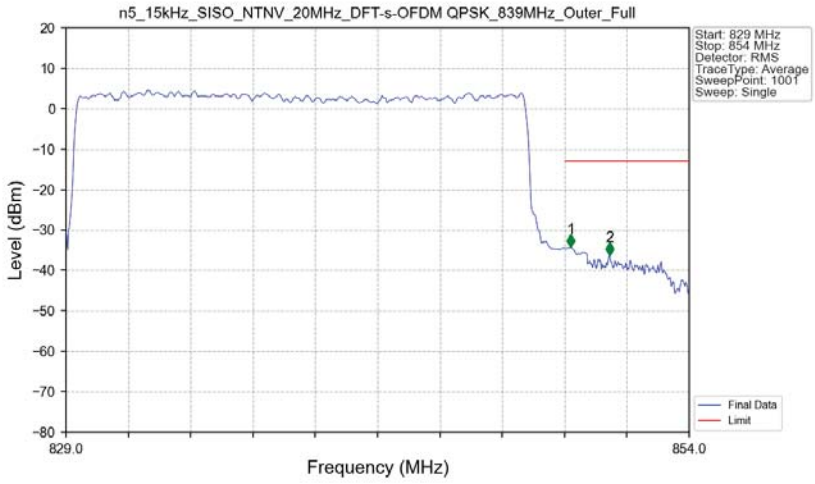
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	816.850	-65.45	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	854.150	-63.01	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_839MHz_Edge_1RB_Right_Ant0



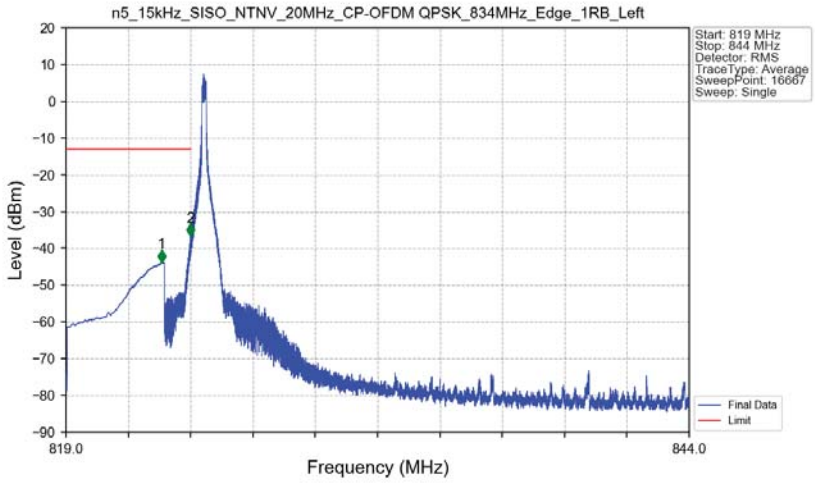
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1697.000	-43.14	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_839MHz_Outer_Full_Ant0



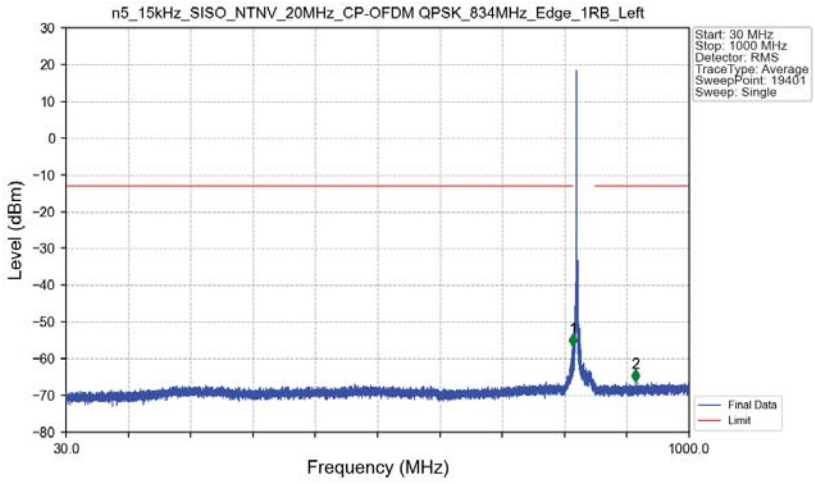
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
829	849	0.19535	CHP	/	/	/	/	/
849	850	0.19535	CHP	1	849.250	-34.18	-13	Pass
850	854	0.1	/	2	850.800	-36.16	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_834MHz_Edge_1RB_Left_Ant0



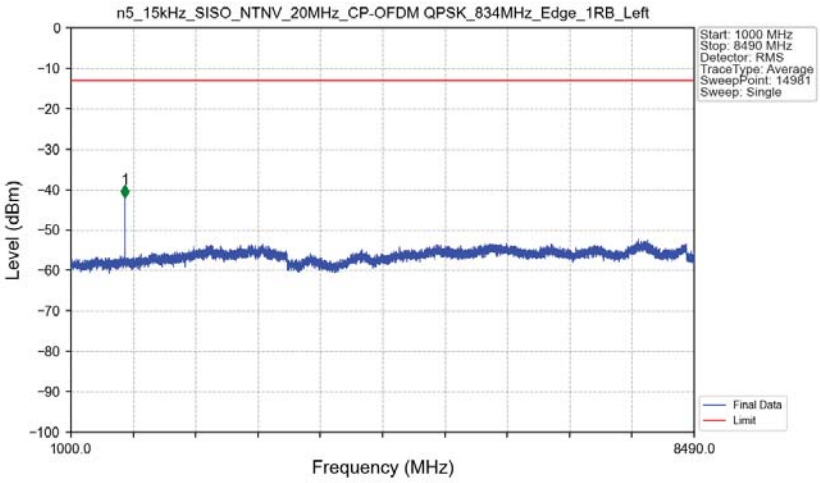
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.828	-43.76	-13	Pass
823	824	0.003	/	2	823.991	-36.64	-13	Pass
824	844	0.003	/	/	/	/	/	/

n5_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_834MHz_Edge_1RB_Left_Ant0



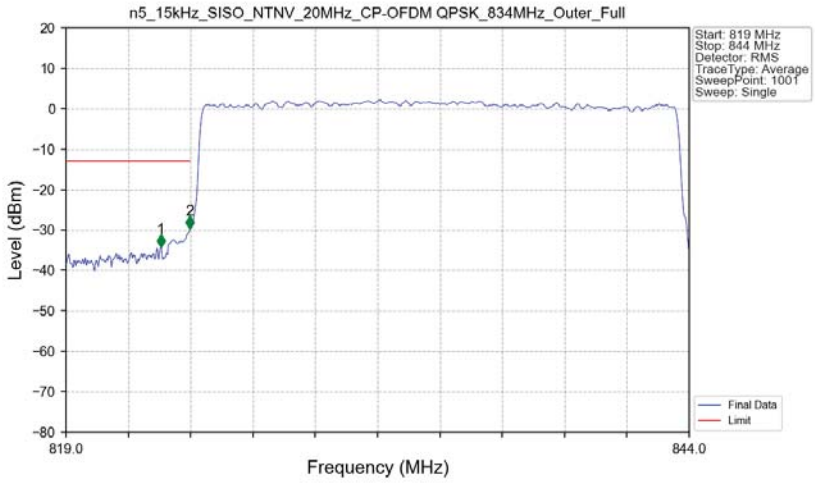
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.950	-56.73	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	916.750	-66.33	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_834MHz_Edge_1RB_Left_Ant0



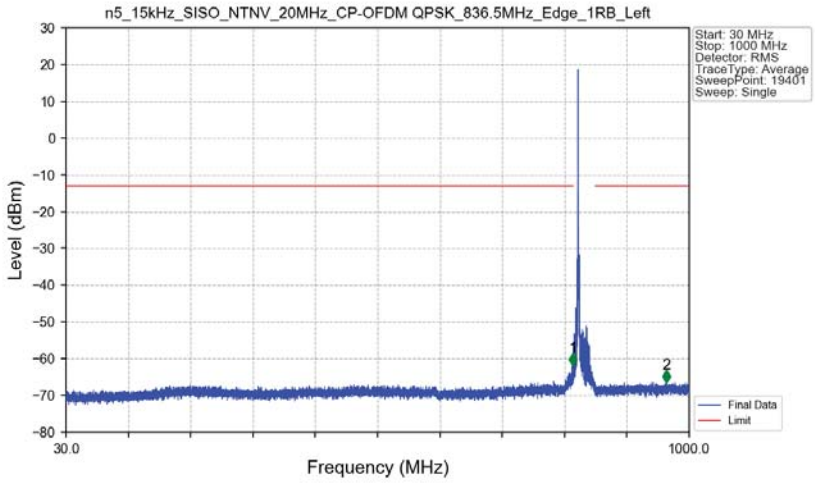
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1649.500	-42.07	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_834MHz_Outer_Full_Ant0



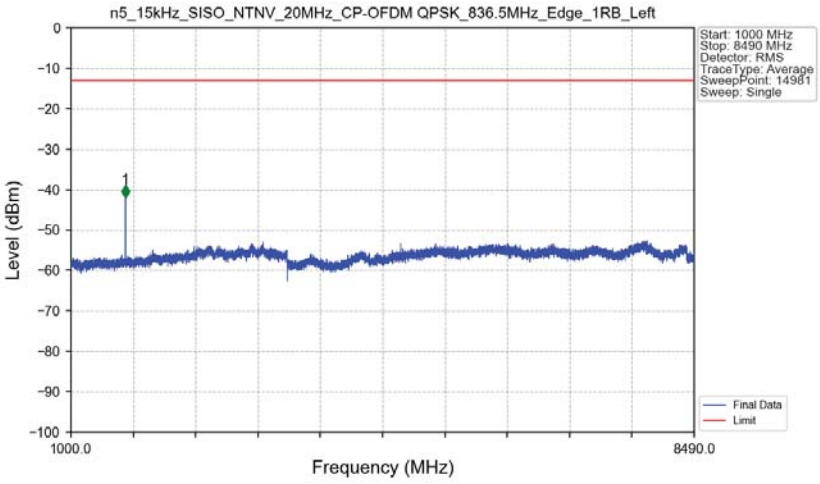
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	/	1	822.800	-34.24	-13	Pass
823	824	0.19535	CHP	2	823.975	-29.70	-13	Pass
824	844	0.19535	CHP	/	/	/	/	/

n5_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_836.5MHz_Edge_1RB_Left_Ant0



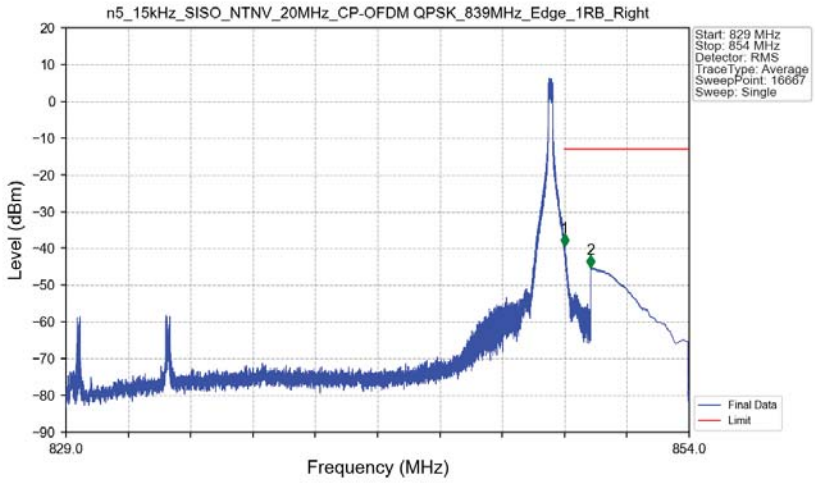
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.950	-61.94	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	964.200	-66.44	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_836.5MHz_Edge_1RB_Left_Ant0



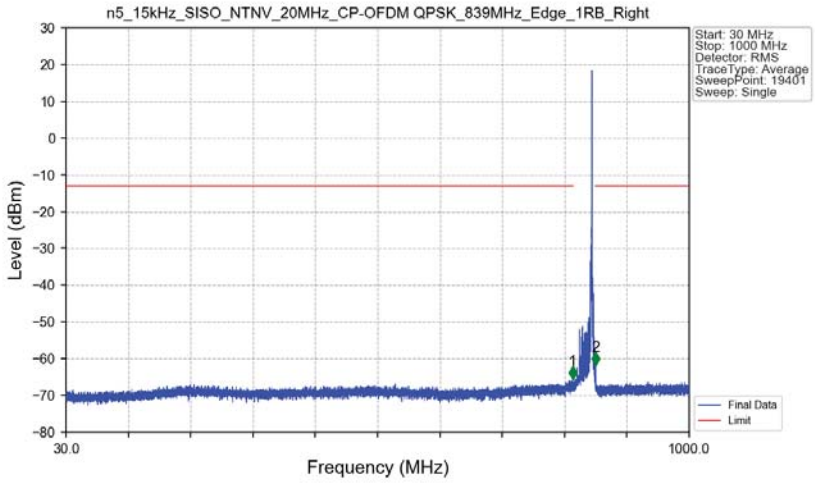
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1654.500	-42.03	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_839MHz_Edge_1RB_Right_Ant0



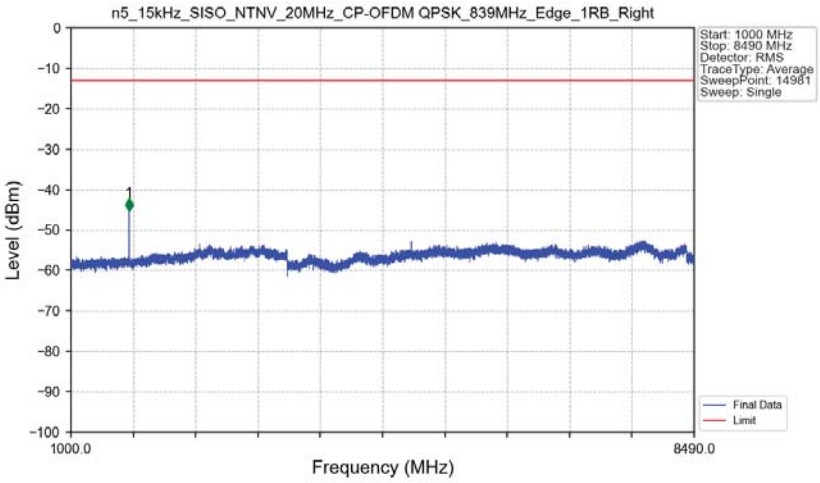
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
829	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.005	-39.52	-13	Pass
850	854	0.1	CHP	2	850.050	-45.23	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_839MHz_Edge_1RB_Right_Ant0



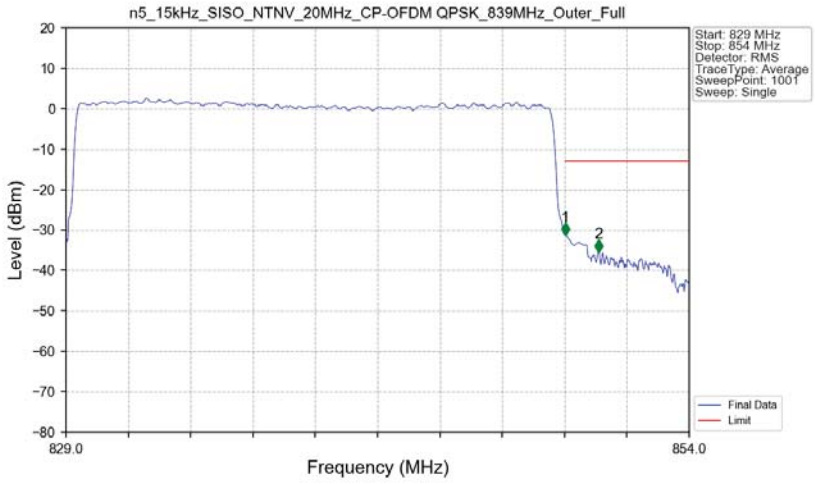
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.500	-65.49	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	854.200	-61.68	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_839MHz_Edge_1RB_Right_Ant0



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1697.000	-45.30	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_839MHz_Outer_Full_Ant0



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
829	849	0.19415	CHP	/	/	/	/	/
849	850	0.19415	CHP	1	849.025	-31.24	-13	Pass
850	854	0.1	/	2	850.375	-35.41	-13	Pass

6. Field Strength of Spurious Radiation

NR N5 ANT0-Low channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#1								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
3702.0	-66.86	-13	-53.86	-71.72	3.58	8.44	Horizontal	Pass
5553.0	-62.19	-13	-49.19	-67.9	4.74	10.45	Horizontal	Pass
7404.0	-60.73	-13	-47.73	-67.41	4.94	11.62	Horizontal	Pass
1650.0	-71.25	-13	-58.25	-74.13	2.62	5.5	Vertical	Pass
2475.0	-69.65	-13	-56.65	-72.35	3.06	5.76	Vertical	Pass
3300.0	-67.54	-13	-54.54	-71.91	3.3	7.67	Vertical	Pass

NR N5 ANT0-Middle channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#1								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1650.0	-71.18	-13	-58.18	-74.06	2.62	5.5	Horizontal	Pass
2475.0	-69.09	-13	-56.09	-71.79	3.06	5.76	Horizontal	Pass
3300.0	-67.38	-13	-54.38	-71.75	3.3	7.67	Horizontal	Pass
1655.0	-71.38	-13	-58.38	-74.25	2.62	5.49	Vertical	Pass
2482.5	-62.01	-13	-49.01	-64.72	3.07	5.78	Vertical	Pass
3310.0	-66.89	-13	-53.89	-71.29	3.3	7.7	Vertical	Pass

NR N5 ANT0-High channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#1								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1655.0	-71.29	-13	-58.29	-74.16	2.62	5.49	Horizontal	Pass
2482.5	-68.89	-13	-55.89	-71.6	3.07	5.78	Horizontal	Pass
3310.0	-67.51	-13	-54.51	-71.91	3.3	7.7	Horizontal	Pass
1660.0	-71.52	-13	-58.52	-74.38	2.62	5.48	Vertical	Pass
2490.0	-69.31	-13	-56.31	-72.04	3.07	5.8	Vertical	Pass
3320.0	-67.07	-13	-54.07	-71.48	3.31	7.72	Vertical	Pass

NSA_2A_n5A-Low channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
3300.0	-66.95	-13	-53.95	-71.32	3.3	7.67	Horizontal	Pass
4125.0	-65.35	-13	-52.35	-70.36	3.97	8.98	Horizontal	Pass
4950.0	-63.03	-13	-50.03	-68.55	4.55	10.07	Horizontal	Pass
3300.0	-67.17	-13	-54.17	-71.54	3.3	7.67	Vertical	Pass
4125.0	-65.19	-13	-52.19	-70.2	3.97	8.98	Vertical	Pass
4950.0	-62.76	-13	-49.76	-68.28	4.55	10.07	Vertical	Pass

NSA_2A_n5A-Middle channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
3310.0	-66.92	-13	-53.92	-71.32	3.3	7.7	Horizontal	Pass
4137.5	-65.51	-13	-52.51	-70.52	3.98	8.99	Horizontal	Pass
4965.0	-63.19	-13	-50.19	-68.73	4.55	10.09	Horizontal	Pass
3310.0	-66.62	-13	-53.62	-71.02	3.3	7.7	Vertical	Pass
4137.5	-65.29	-13	-52.29	-70.3	3.98	8.99	Vertical	Pass
4965.0	-62.94	-13	-49.94	-68.48	4.55	10.09	Vertical	Pass

NSA_2A_n5A-High channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
3320.0	-66.93	-13	-53.93	-71.34	3.31	7.72	Horizontal	Pass
4150.0	-66.16	-13	-53.16	-71.18	3.99	9.01	Horizontal	Pass
4980.0	-63.34	-13	-50.34	-68.89	4.56	10.11	Horizontal	Pass
3320.0	-67.21	-13	-54.21	-71.62	3.31	7.72	Vertical	Pass
4150.0	-65.61	-13	-52.61	-70.63	3.99	9.01	Vertical	Pass
4980.0	-62.89	-13	-49.89	-68.44	4.56	10.11	Vertical	Pass