

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 15k_SISO_5MHz_NTNV_ERP

5G NR n5 SCS=15kHz SISO 5MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			ERP(dBm)				Verdict
			Ant7	Ant2	Sum	Ant7	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	826.5	Edge_1RB_Left	21.39	/	/	16.87	/	/	<=38.45	Pass
		Edge_1RB_Right	21.35	/	/	16.83	/	/	<=38.45	Pass
		Outer_Full	21.47	/	/	16.95	/	/	<=38.45	Pass
		Inner_Full	21.86	/	/	17.34	/	/	<=38.45	Pass
		Inner_1RB_Left	21.83	/	/	17.31	/	/	<=38.45	Pass
		Inner_1RB_Right	21.72	/	/	17.20	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.21	/	/	16.69	/	/	<=38.45	Pass
		Edge_1RB_Right	21.28	/	/	16.76	/	/	<=38.45	Pass
		Outer_Full	21.31	/	/	16.79	/	/	<=38.45	Pass
		Inner_Full	21.79	/	/	17.27	/	/	<=38.45	Pass
		Inner_1RB_Left	21.79	/	/	17.27	/	/	<=38.45	Pass
		Inner_1RB_Right	21.63	/	/	17.11	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	21.17	/	/	16.65	/	/	<=38.45	Pass
		Edge_1RB_Right	21.15	/	/	16.63	/	/	<=38.45	Pass
		Outer_Full	21.19	/	/	16.67	/	/	<=38.45	Pass
		Inner_Full	21.61	/	/	17.09	/	/	<=38.45	Pass
		Inner_1RB_Left	21.56	/	/	17.04	/	/	<=38.45	Pass
		Inner_1RB_Right	21.58	/	/	17.06	/	/	<=38.45	Pass
DFT-s-OFDM QPSK	826.5	Edge_1RB_Left	20.96	/	/	16.44	/	/	<=38.45	Pass
		Edge_1RB_Right	20.91	/	/	16.39	/	/	<=38.45	Pass
		Outer_Full	20.99	/	/	16.47	/	/	<=38.45	Pass
		Inner_Full	21.85	/	/	17.33	/	/	<=38.45	Pass
		Inner_1RB_Left	21.85	/	/	17.33	/	/	<=38.45	Pass
		Inner_1RB_Right	21.80	/	/	17.28	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	20.76	/	/	16.24	/	/	<=38.45	Pass
		Edge_1RB_Right	20.79	/	/	16.27	/	/	<=38.45	Pass
		Outer_Full	20.82	/	/	16.30	/	/	<=38.45	Pass
		Inner_Full	21.75	/	/	17.23	/	/	<=38.45	Pass
		Inner_1RB_Left	21.77	/	/	17.25	/	/	<=38.45	Pass
		Inner_1RB_Right	21.68	/	/	17.16	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	20.70	/	/	16.18	/	/	<=38.45	Pass
		Edge_1RB_Right	20.66	/	/	16.14	/	/	<=38.45	Pass
		Outer_Full	20.67	/	/	16.15	/	/	<=38.45	Pass
		Inner_Full	21.69	/	/	17.17	/	/	<=38.45	Pass
		Inner_1RB_Left	21.63	/	/	17.11	/	/	<=38.45	Pass
		Inner_1RB_Right	21.66	/	/	17.14	/	/	<=38.45	Pass
DFT-s-OFDM 16 QAM	826.5	Edge_1RB_Left	20.00	/	/	15.48	/	/	<=38.45	Pass
		Edge_1RB_Right	19.85	/	/	15.33	/	/	<=38.45	Pass
		Outer_Full	19.90	/	/	15.38	/	/	<=38.45	Pass
		Inner_Full	20.92	/	/	16.40	/	/	<=38.45	Pass
		Inner_1RB_Left	20.87	/	/	16.35	/	/	<=38.45	Pass
		Inner_1RB_Right	20.82	/	/	16.30	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	19.74	/	/	15.22	/	/	<=38.45	Pass
		Edge_1RB_Right	19.77	/	/	15.25	/	/	<=38.45	Pass
		Outer_Full	19.76	/	/	15.24	/	/	<=38.45	Pass
		Inner_Full	20.77	/	/	16.25	/	/	<=38.45	Pass
		Inner_1RB_Left	20.74	/	/	16.22	/	/	<=38.45	Pass
		Inner_1RB_Right	20.75	/	/	16.23	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	19.69	/	/	15.17	/	/	<=38.45	Pass

		Edge 1RB Right	19.75	/	/	15.23	/	/	<=38.45	Pass
		Outer_Full	19.67	/	/	15.15	/	/	<=38.45	Pass
		Inner_Full	20.50	/	/	15.98	/	/	<=38.45	Pass
		Inner 1RB Left	20.67	/	/	16.15	/	/	<=38.45	Pass
		Inner 1RB Right	20.69	/	/	16.17	/	/	<=38.45	Pass
DFT-s-OFDM 64 QAM	826.5	Edge 1RB Left	19.39	/	/	14.87	/	/	<=38.45	Pass
		Edge 1RB Right	19.39	/	/	14.87	/	/	<=38.45	Pass
		Outer_Full	19.46	/	/	14.94	/	/	<=38.45	Pass
		Inner_Full	19.42	/	/	14.90	/	/	<=38.45	Pass
		Inner 1RB Left	19.47	/	/	14.95	/	/	<=38.45	Pass
		Inner 1RB Right	19.52	/	/	15.00	/	/	<=38.45	Pass
	836.5	Edge 1RB Left	19.35	/	/	14.83	/	/	<=38.45	Pass
		Edge 1RB Right	19.26	/	/	14.74	/	/	<=38.45	Pass
		Outer_Full	19.28	/	/	14.76	/	/	<=38.45	Pass
		Inner_Full	19.28	/	/	14.76	/	/	<=38.45	Pass
		Inner 1RB Left	19.36	/	/	14.84	/	/	<=38.45	Pass
		Inner 1RB Right	19.33	/	/	14.81	/	/	<=38.45	Pass
	846.5	Edge 1RB Left	19.25	/	/	14.73	/	/	<=38.45	Pass
		Edge 1RB Right	19.22	/	/	14.70	/	/	<=38.45	Pass
		Outer_Full	19.06	/	/	14.54	/	/	<=38.45	Pass
		Inner_Full	19.18	/	/	14.66	/	/	<=38.45	Pass
		Inner 1RB Left	19.24	/	/	14.72	/	/	<=38.45	Pass
		Inner 1RB Right	19.28	/	/	14.76	/	/	<=38.45	Pass
DFT-s-OFDM 256 QAM	826.5	Edge 1RB Left	17.30	/	/	12.78	/	/	<=38.45	Pass
		Edge 1RB Right	17.31	/	/	12.79	/	/	<=38.45	Pass
		Outer_Full	17.37	/	/	12.85	/	/	<=38.45	Pass
		Inner_Full	17.45	/	/	12.93	/	/	<=38.45	Pass
		Inner 1RB Left	17.31	/	/	12.79	/	/	<=38.45	Pass
		Inner 1RB Right	17.28	/	/	12.76	/	/	<=38.45	Pass
	836.5	Edge 1RB Left	17.19	/	/	12.67	/	/	<=38.45	Pass
		Edge 1RB Right	17.17	/	/	12.65	/	/	<=38.45	Pass
		Outer_Full	17.24	/	/	12.72	/	/	<=38.45	Pass
		Inner_Full	17.32	/	/	12.80	/	/	<=38.45	Pass
		Inner 1RB Left	17.18	/	/	12.66	/	/	<=38.45	Pass
		Inner 1RB Right	17.19	/	/	12.67	/	/	<=38.45	Pass
	846.5	Edge 1RB Left	17.15	/	/	12.63	/	/	<=38.45	Pass
		Edge 1RB Right	17.14	/	/	12.62	/	/	<=38.45	Pass
		Outer_Full	17.23	/	/	12.71	/	/	<=38.45	Pass
		Inner_Full	17.30	/	/	12.78	/	/	<=38.45	Pass
		Inner 1RB Left	17.13	/	/	12.61	/	/	<=38.45	Pass
		Inner 1RB Right	17.10	/	/	12.58	/	/	<=38.45	Pass
CP-OFDM QPSK	826.5	Edge 1RB Left	18.82	/	/	14.30	/	/	<=38.45	Pass
		Edge 1RB Right	18.69	/	/	14.17	/	/	<=38.45	Pass
		Outer_Full	18.91	/	/	14.39	/	/	<=38.45	Pass
		Inner_Full	20.43	/	/	15.91	/	/	<=38.45	Pass
		Inner 1RB Left	20.29	/	/	15.77	/	/	<=38.45	Pass
		Inner 1RB Right	20.19	/	/	15.67	/	/	<=38.45	Pass
	836.5	Edge 1RB Left	18.63	/	/	14.11	/	/	<=38.45	Pass
		Edge 1RB Right	18.62	/	/	14.10	/	/	<=38.45	Pass
		Outer_Full	18.79	/	/	14.27	/	/	<=38.45	Pass
		Inner_Full	20.30	/	/	15.78	/	/	<=38.45	Pass
		Inner 1RB Left	20.14	/	/	15.62	/	/	<=38.45	Pass
		Inner 1RB Right	20.10	/	/	15.58	/	/	<=38.45	Pass
	846.5	Edge 1RB Left	18.28	/	/	13.76	/	/	<=38.45	Pass
		Edge 1RB Right	18.37	/	/	13.85	/	/	<=38.45	Pass
		Outer_Full	18.42	/	/	13.90	/	/	<=38.45	Pass
		Inner_Full	19.94	/	/	15.42	/	/	<=38.45	Pass
		Inner 1RB Left	19.83	/	/	15.31	/	/	<=38.45	Pass
		Inner 1RB Right	19.71	/	/	15.19	/	/	<=38.45	Pass

CP-OFDM 16 QAM	826.5	Edge 1RB Left	19.00	/	/	14.48	/	/	<=38.45	Pass
		Edge 1RB Right	18.68	/	/	14.16	/	/	<=38.45	Pass
		Outer_Full	18.91	/	/	14.39	/	/	<=38.45	Pass
		Inner_Full	19.48	/	/	14.96	/	/	<=38.45	Pass
		Inner 1RB Left	19.64	/	/	15.12	/	/	<=38.45	Pass
		Inner 1RB Right	19.64	/	/	15.12	/	/	<=38.45	Pass
	836.5	Edge 1RB Left	18.88	/	/	14.36	/	/	<=38.45	Pass
		Edge 1RB Right	18.93	/	/	14.41	/	/	<=38.45	Pass
		Outer_Full	18.79	/	/	14.27	/	/	<=38.45	Pass
		Inner_Full	19.75	/	/	15.23	/	/	<=38.45	Pass
		Inner 1RB Left	19.83	/	/	15.31	/	/	<=38.45	Pass
		Inner 1RB Right	19.87	/	/	15.35	/	/	<=38.45	Pass
	846.5	Edge 1RB Left	18.81	/	/	14.29	/	/	<=38.45	Pass
		Edge 1RB Right	18.80	/	/	14.28	/	/	<=38.45	Pass
		Outer_Full	18.67	/	/	14.15	/	/	<=38.45	Pass
		Inner_Full	19.42	/	/	14.90	/	/	<=38.45	Pass
		Inner 1RB Left	19.55	/	/	15.03	/	/	<=38.45	Pass
		Inner 1RB Right	19.49	/	/	14.97	/	/	<=38.45	Pass
CP-OFDM 64 QAM	826.5	Edge 1RB Left	17.99	/	/	13.47	/	/	<=38.45	Pass
		Edge 1RB Right	18.00	/	/	13.48	/	/	<=38.45	Pass
		Outer_Full	18.11	/	/	13.59	/	/	<=38.45	Pass
		Inner_Full	18.00	/	/	13.48	/	/	<=38.45	Pass
		Inner 1RB Left	18.38	/	/	13.86	/	/	<=38.45	Pass
		Inner 1RB Right	18.18	/	/	13.66	/	/	<=38.45	Pass
	836.5	Edge 1RB Left	18.26	/	/	13.74	/	/	<=38.45	Pass
		Edge 1RB Right	18.30	/	/	13.78	/	/	<=38.45	Pass
		Outer_Full	18.27	/	/	13.75	/	/	<=38.45	Pass
		Inner_Full	18.34	/	/	13.82	/	/	<=38.45	Pass
		Inner 1RB Left	18.18	/	/	13.66	/	/	<=38.45	Pass
		Inner 1RB Right	18.28	/	/	13.76	/	/	<=38.45	Pass
	846.5	Edge 1RB Left	17.99	/	/	13.47	/	/	<=38.45	Pass
		Edge 1RB Right	18.20	/	/	13.68	/	/	<=38.45	Pass
		Outer_Full	18.00	/	/	13.48	/	/	<=38.45	Pass
		Inner_Full	18.18	/	/	13.66	/	/	<=38.45	Pass
		Inner 1RB Left	18.21	/	/	13.69	/	/	<=38.45	Pass
		Inner 1RB Right	18.24	/	/	13.72	/	/	<=38.45	Pass
CP-OFDM 256 QAM	826.5	Edge 1RB Left	15.39	/	/	10.87	/	/	<=38.45	Pass
		Edge 1RB Right	15.35	/	/	10.83	/	/	<=38.45	Pass
		Outer_Full	15.14	/	/	10.62	/	/	<=38.45	Pass
		Inner_Full	15.37	/	/	10.85	/	/	<=38.45	Pass
		Inner 1RB Left	15.41	/	/	10.89	/	/	<=38.45	Pass
		Inner 1RB Right	15.36	/	/	10.84	/	/	<=38.45	Pass
	836.5	Edge 1RB Left	15.28	/	/	10.76	/	/	<=38.45	Pass
		Edge 1RB Right	15.32	/	/	10.80	/	/	<=38.45	Pass
		Outer_Full	15.25	/	/	10.73	/	/	<=38.45	Pass
		Inner_Full	15.29	/	/	10.77	/	/	<=38.45	Pass
		Inner 1RB Left	15.26	/	/	10.74	/	/	<=38.45	Pass
		Inner 1RB Right	15.27	/	/	10.75	/	/	<=38.45	Pass
	846.5	Edge 1RB Left	15.25	/	/	10.73	/	/	<=38.45	Pass
		Edge 1RB Right	15.23	/	/	10.71	/	/	<=38.45	Pass
		Outer_Full	15.19	/	/	10.67	/	/	<=38.45	Pass
		Inner_Full	15.22	/	/	10.70	/	/	<=38.45	Pass
		Inner 1RB Left	15.29	/	/	10.77	/	/	<=38.45	Pass
		Inner 1RB Right	15.24	/	/	10.72	/	/	<=38.45	Pass
Note1: Antenna Gain: Ant7: -2.37dBi; 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
			Ant7	Ant2	Sum	Ant7	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	829	Edge 1RB Left	21.31	/	/	16.79	/	/	<=38.45	Pass
		Edge 1RB Right	21.20	/	/	16.68	/	/	<=38.45	Pass
		Outer Full	21.28	/	/	16.76	/	/	<=38.45	Pass
		Inner Full	21.70	/	/	17.18	/	/	<=38.45	Pass
		Inner 1RB Left	21.74	/	/	17.22	/	/	<=38.45	Pass
		Inner 1RB Right	21.67	/	/	17.15	/	/	<=38.45	Pass
	836.5	Edge 1RB Left	21.27	/	/	16.75	/	/	<=38.45	Pass
		Edge 1RB Right	21.18	/	/	16.66	/	/	<=38.45	Pass
		Outer Full	21.20	/	/	16.68	/	/	<=38.45	Pass
		Inner Full	21.68	/	/	17.16	/	/	<=38.45	Pass
		Inner 1RB Left	21.73	/	/	17.21	/	/	<=38.45	Pass
		Inner 1RB Right	21.63	/	/	17.11	/	/	<=38.45	Pass
	844	Edge 1RB Left	21.04	/	/	16.52	/	/	<=38.45	Pass
		Edge 1RB Right	21.03	/	/	16.51	/	/	<=38.45	Pass
		Outer Full	21.03	/	/	16.51	/	/	<=38.45	Pass
		Inner Full	21.51	/	/	16.99	/	/	<=38.45	Pass
		Inner 1RB Left	21.52	/	/	17.00	/	/	<=38.45	Pass
		Inner 1RB Right	21.44	/	/	16.92	/	/	<=38.45	Pass
DFT-s-OFDM QPSK	829	Edge 1RB Left	20.77	/	/	16.25	/	/	<=38.45	Pass
		Edge 1RB Right	20.66	/	/	16.14	/	/	<=38.45	Pass
		Outer Full	20.63	/	/	16.11	/	/	<=38.45	Pass
		Inner Full	21.33	/	/	16.81	/	/	<=38.45	Pass
		Inner 1RB Left	21.60	/	/	17.08	/	/	<=38.45	Pass
		Inner 1RB Right	21.50	/	/	16.98	/	/	<=38.45	Pass
	836.5	Edge 1RB Left	20.71	/	/	16.19	/	/	<=38.45	Pass
		Edge 1RB Right	20.71	/	/	16.19	/	/	<=38.45	Pass
		Outer Full	20.73	/	/	16.21	/	/	<=38.45	Pass
		Inner Full	21.67	/	/	17.15	/	/	<=38.45	Pass
		Inner 1RB Left	21.73	/	/	17.21	/	/	<=38.45	Pass
		Inner 1RB Right	21.65	/	/	17.13	/	/	<=38.45	Pass
	844	Edge 1RB Left	20.55	/	/	16.03	/	/	<=38.45	Pass
		Edge 1RB Right	20.56	/	/	16.04	/	/	<=38.45	Pass
		Outer Full	20.59	/	/	16.07	/	/	<=38.45	Pass
		Inner Full	21.51	/	/	16.99	/	/	<=38.45	Pass
		Inner 1RB Left	21.54	/	/	17.02	/	/	<=38.45	Pass
		Inner 1RB Right	21.48	/	/	16.96	/	/	<=38.45	Pass
DFT-s-OFDM 16 QAM	829	Edge 1RB Left	19.70	/	/	15.18	/	/	<=38.45	Pass
		Edge 1RB Right	19.74	/	/	15.22	/	/	<=38.45	Pass
		Outer Full	19.54	/	/	15.02	/	/	<=38.45	Pass
		Inner Full	20.55	/	/	16.03	/	/	<=38.45	Pass
		Inner 1RB Left	20.78	/	/	16.26	/	/	<=38.45	Pass
		Inner 1RB Right	20.72	/	/	16.20	/	/	<=38.45	Pass
	836.5	Edge 1RB Left	19.75	/	/	15.23	/	/	<=38.45	Pass
		Edge 1RB Right	19.67	/	/	15.15	/	/	<=38.45	Pass
		Outer Full	19.64	/	/	15.12	/	/	<=38.45	Pass
		Inner Full	20.63	/	/	16.11	/	/	<=38.45	Pass
		Inner 1RB Left	20.73	/	/	16.21	/	/	<=38.45	Pass
		Inner 1RB Right	20.64	/	/	16.12	/	/	<=38.45	Pass
	844	Edge 1RB Left	19.61	/	/	15.09	/	/	<=38.45	Pass
		Edge 1RB Right	19.59	/	/	15.07	/	/	<=38.45	Pass
		Outer Full	19.56	/	/	15.04	/	/	<=38.45	Pass
		Inner Full	20.58	/	/	16.06	/	/	<=38.45	Pass
		Inner 1RB Left	20.59	/	/	16.07	/	/	<=38.45	Pass
		Inner 1RB Right	20.57	/	/	16.05	/	/	<=38.45	Pass
DFT-s-OFDM 64 QAM	829	Edge 1RB Left	19.29	/	/	14.77	/	/	<=38.45	Pass
		Edge 1RB Right	19.13	/	/	14.61	/	/	<=38.45	Pass

		Outer_Full	19.17	/	/	14.65	/	/	<=38.45	Pass
		Inner_Full	19.35	/	/	14.83	/	/	<=38.45	Pass
		Inner_1RB_Left	19.10	/	/	14.58	/	/	<=38.45	Pass
		Inner_1RB_Right	19.25	/	/	14.73	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	19.17	/	/	14.65	/	/	<=38.45	Pass
		Edge_1RB_Right	19.20	/	/	14.68	/	/	<=38.45	Pass
		Outer_Full	19.18	/	/	14.66	/	/	<=38.45	Pass
		Inner_Full	19.29	/	/	14.77	/	/	<=38.45	Pass
		Inner_1RB_Left	19.32	/	/	14.80	/	/	<=38.45	Pass
		Inner_1RB_Right	19.17	/	/	14.65	/	/	<=38.45	Pass
	844	Edge_1RB_Left	19.16	/	/	14.64	/	/	<=38.45	Pass
		Edge_1RB_Right	18.99	/	/	14.47	/	/	<=38.45	Pass
		Outer_Full	19.16	/	/	14.64	/	/	<=38.45	Pass
		Inner_Full	19.10	/	/	14.58	/	/	<=38.45	Pass
		Inner_1RB_Left	19.09	/	/	14.57	/	/	<=38.45	Pass
		Inner_1RB_Right	19.00	/	/	14.48	/	/	<=38.45	Pass
DFT-s-OFDM 256 QAM	829	Edge_1RB_Left	17.25	/	/	12.73	/	/	<=38.45	Pass
		Edge_1RB_Right	17.12	/	/	12.60	/	/	<=38.45	Pass
		Outer_Full	17.26	/	/	12.74	/	/	<=38.45	Pass
		Inner_Full	17.22	/	/	12.70	/	/	<=38.45	Pass
		Inner_1RB_Left	17.31	/	/	12.79	/	/	<=38.45	Pass
		Inner_1RB_Right	17.16	/	/	12.64	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	17.24	/	/	12.72	/	/	<=38.45	Pass
		Edge_1RB_Right	17.13	/	/	12.61	/	/	<=38.45	Pass
		Outer_Full	17.15	/	/	12.63	/	/	<=38.45	Pass
		Inner_Full	17.20	/	/	12.68	/	/	<=38.45	Pass
		Inner_1RB_Left	17.21	/	/	12.69	/	/	<=38.45	Pass
		Inner_1RB_Right	17.14	/	/	12.62	/	/	<=38.45	Pass
	844	Edge_1RB_Left	17.06	/	/	12.54	/	/	<=38.45	Pass
		Edge_1RB_Right	17.02	/	/	12.50	/	/	<=38.45	Pass
		Outer_Full	17.10	/	/	12.58	/	/	<=38.45	Pass
		Inner_Full	17.10	/	/	12.58	/	/	<=38.45	Pass
		Inner_1RB_Left	17.11	/	/	12.59	/	/	<=38.45	Pass
		Inner_1RB_Right	17.00	/	/	12.48	/	/	<=38.45	Pass
CP-OFDM QPSK	829	Edge_1RB_Left	18.29	/	/	13.77	/	/	<=38.45	Pass
		Edge_1RB_Right	18.51	/	/	13.99	/	/	<=38.45	Pass
		Outer_Full	18.52	/	/	14.00	/	/	<=38.45	Pass
		Inner_Full	20.05	/	/	15.53	/	/	<=38.45	Pass
		Inner_1RB_Left	19.83	/	/	15.31	/	/	<=38.45	Pass
		Inner_1RB_Right	19.80	/	/	15.28	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	18.59	/	/	14.07	/	/	<=38.45	Pass
		Edge_1RB_Right	18.60	/	/	14.08	/	/	<=38.45	Pass
		Outer_Full	18.67	/	/	14.15	/	/	<=38.45	Pass
		Inner_Full	19.92	/	/	15.40	/	/	<=38.45	Pass
		Inner_1RB_Left	19.80	/	/	15.28	/	/	<=38.45	Pass
		Inner_1RB_Right	19.78	/	/	15.26	/	/	<=38.45	Pass
	844	Edge_1RB_Left	18.48	/	/	13.96	/	/	<=38.45	Pass
		Edge_1RB_Right	18.48	/	/	13.96	/	/	<=38.45	Pass
		Outer_Full	18.53	/	/	14.01	/	/	<=38.45	Pass
		Inner_Full	20.09	/	/	15.57	/	/	<=38.45	Pass
		Inner_1RB_Left	20.03	/	/	15.51	/	/	<=38.45	Pass
		Inner_1RB_Right	19.87	/	/	15.35	/	/	<=38.45	Pass
CP-OFDM 16 QAM	829	Edge_1RB_Left	18.62	/	/	14.10	/	/	<=38.45	Pass
		Edge_1RB_Right	18.59	/	/	14.07	/	/	<=38.45	Pass
		Outer_Full	18.52	/	/	14.00	/	/	<=38.45	Pass
		Inner_Full	19.50	/	/	14.98	/	/	<=38.45	Pass
		Inner_1RB_Left	19.61	/	/	15.09	/	/	<=38.45	Pass
		Inner_1RB_Right	19.53	/	/	15.01	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	18.58	/	/	14.06	/	/	<=38.45	Pass

		Edge 1RB Right	18.58	/	/	14.06	/	/	<=38.45	Pass
		Outer_Full	18.41	/	/	13.89	/	/	<=38.45	Pass
		Inner_Full	19.40	/	/	14.88	/	/	<=38.45	Pass
		Inner 1RB Left	19.57	/	/	15.05	/	/	<=38.45	Pass
		Inner 1RB Right	19.59	/	/	15.07	/	/	<=38.45	Pass
	844	Edge 1RB Left	18.76	/	/	14.24	/	/	<=38.45	Pass
		Edge 1RB Right	18.67	/	/	14.15	/	/	<=38.45	Pass
		Outer_Full	18.58	/	/	14.06	/	/	<=38.45	Pass
		Inner_Full	19.61	/	/	15.09	/	/	<=38.45	Pass
		Inner 1RB Left	19.70	/	/	15.18	/	/	<=38.45	Pass
	Inner 1RB Right	19.68	/	/	15.16	/	/	<=38.45	Pass	
CP-OFDM 64 QAM	829	Edge 1RB Left	18.29	/	/	13.77	/	/	<=38.45	Pass
		Edge 1RB Right	18.19	/	/	13.67	/	/	<=38.45	Pass
		Outer_Full	18.21	/	/	13.69	/	/	<=38.45	Pass
		Inner_Full	18.07	/	/	13.55	/	/	<=38.45	Pass
		Inner 1RB Left	18.31	/	/	13.79	/	/	<=38.45	Pass
		Inner 1RB Right	18.15	/	/	13.63	/	/	<=38.45	Pass
	836.5	Edge 1RB Left	18.30	/	/	13.78	/	/	<=38.45	Pass
		Edge 1RB Right	18.22	/	/	13.70	/	/	<=38.45	Pass
		Outer_Full	17.94	/	/	13.42	/	/	<=38.45	Pass
		Inner_Full	18.18	/	/	13.66	/	/	<=38.45	Pass
		Inner 1RB Left	18.30	/	/	13.78	/	/	<=38.45	Pass
		Inner 1RB Right	18.24	/	/	13.72	/	/	<=38.45	Pass
	844	Edge 1RB Left	18.14	/	/	13.62	/	/	<=38.45	Pass
		Edge 1RB Right	18.15	/	/	13.63	/	/	<=38.45	Pass
		Outer_Full	18.11	/	/	13.59	/	/	<=38.45	Pass
Inner_Full		18.19	/	/	13.67	/	/	<=38.45	Pass	
Inner 1RB Left		18.16	/	/	13.64	/	/	<=38.45	Pass	
Inner 1RB Right		18.13	/	/	13.61	/	/	<=38.45	Pass	
CP-OFDM 256 QAM	829	Edge 1RB Left	15.36	/	/	10.84	/	/	<=38.45	Pass
		Edge 1RB Right	15.26	/	/	10.74	/	/	<=38.45	Pass
		Outer_Full	15.21	/	/	10.69	/	/	<=38.45	Pass
		Inner_Full	15.24	/	/	10.72	/	/	<=38.45	Pass
		Inner 1RB Left	15.37	/	/	10.85	/	/	<=38.45	Pass
		Inner 1RB Right	15.21	/	/	10.69	/	/	<=38.45	Pass
	836.5	Edge 1RB Left	15.32	/	/	10.80	/	/	<=38.45	Pass
		Edge 1RB Right	15.19	/	/	10.67	/	/	<=38.45	Pass
		Outer_Full	15.15	/	/	10.63	/	/	<=38.45	Pass
		Inner_Full	15.20	/	/	10.68	/	/	<=38.45	Pass
		Inner 1RB Left	15.33	/	/	10.81	/	/	<=38.45	Pass
		Inner 1RB Right	15.25	/	/	10.73	/	/	<=38.45	Pass
	844	Edge 1RB Left	15.18	/	/	10.66	/	/	<=38.45	Pass
		Edge 1RB Right	15.20	/	/	10.68	/	/	<=38.45	Pass
		Outer_Full	15.13	/	/	10.61	/	/	<=38.45	Pass
Inner_Full		15.02	/	/	10.50	/	/	<=38.45	Pass	
Inner 1RB Left		15.15	/	/	10.63	/	/	<=38.45	Pass	
Inner 1RB Right		15.20	/	/	10.68	/	/	<=38.45	Pass	
Note1: Antenna Gain: Ant7: -2.37dBi; Note2: ERP=Conducted Power+Antenna Gain-2.15										

1.1.3 15k_SISO_15MHz_NTNV_ERP

5G NR n5 SCS=15kHz SISO 15MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			ERP(dBm)				Verdict
			Ant7	Ant2	Sum	Ant7	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	831.5	Edge 1RB Left	21.31	/	/	16.79	/	/	<=38.45	Pass
		Edge 1RB Right	21.17	/	/	16.65	/	/	<=38.45	Pass
		Outer_Full	21.29	/	/	16.77	/	/	<=38.45	Pass

		Inner_Full	21.68	/	/	17.16	/	/	<=38.45	Pass
		Inner_1RB_Left	21.84	/	/	17.32	/	/	<=38.45	Pass
		Inner_1RB_Right	21.60	/	/	17.08	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.31	/	/	16.79	/	/	<=38.45	Pass
		Edge_1RB_Right	21.19	/	/	16.67	/	/	<=38.45	Pass
		Outer_Full	21.27	/	/	16.75	/	/	<=38.45	Pass
		Inner_Full	21.70	/	/	17.18	/	/	<=38.45	Pass
		Inner_1RB_Left	21.74	/	/	17.22	/	/	<=38.45	Pass
		Inner_1RB_Right	21.65	/	/	17.13	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	21.14	/	/	16.62	/	/	<=38.45	Pass
		Edge_1RB_Right	21.09	/	/	16.57	/	/	<=38.45	Pass
		Outer_Full	21.16	/	/	16.64	/	/	<=38.45	Pass
		Inner_Full	21.57	/	/	17.05	/	/	<=38.45	Pass
		Inner_1RB_Left	21.68	/	/	17.16	/	/	<=38.45	Pass
		Inner_1RB_Right	21.57	/	/	17.05	/	/	<=38.45	Pass
DFT-s-OFDM QPSK	831.5	Edge_1RB_Left	20.77	/	/	16.25	/	/	<=38.45	Pass
		Edge_1RB_Right	20.69	/	/	16.17	/	/	<=38.45	Pass
		Outer_Full	20.76	/	/	16.24	/	/	<=38.45	Pass
		Inner_Full	21.63	/	/	17.11	/	/	<=38.45	Pass
		Inner_1RB_Left	21.73	/	/	17.21	/	/	<=38.45	Pass
		Inner_1RB_Right	21.62	/	/	17.10	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	20.86	/	/	16.34	/	/	<=38.45	Pass
		Edge_1RB_Right	20.72	/	/	16.20	/	/	<=38.45	Pass
		Outer_Full	20.76	/	/	16.24	/	/	<=38.45	Pass
		Inner_Full	21.76	/	/	17.24	/	/	<=38.45	Pass
		Inner_1RB_Left	21.71	/	/	17.19	/	/	<=38.45	Pass
		Inner_1RB_Right	21.66	/	/	17.14	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	20.68	/	/	16.16	/	/	<=38.45	Pass
		Edge_1RB_Right	20.59	/	/	16.07	/	/	<=38.45	Pass
		Outer_Full	20.65	/	/	16.13	/	/	<=38.45	Pass
		Inner_Full	21.57	/	/	17.05	/	/	<=38.45	Pass
		Inner_1RB_Left	21.69	/	/	17.17	/	/	<=38.45	Pass
		Inner_1RB_Right	21.64	/	/	17.12	/	/	<=38.45	Pass
DFT-s-OFDM 16 QAM	831.5	Edge_1RB_Left	19.86	/	/	15.34	/	/	<=38.45	Pass
		Edge_1RB_Right	19.77	/	/	15.25	/	/	<=38.45	Pass
		Outer_Full	19.71	/	/	15.19	/	/	<=38.45	Pass
		Inner_Full	20.80	/	/	16.28	/	/	<=38.45	Pass
		Inner_1RB_Left	20.78	/	/	16.26	/	/	<=38.45	Pass
		Inner_1RB_Right	20.71	/	/	16.19	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	19.91	/	/	15.39	/	/	<=38.45	Pass
		Edge_1RB_Right	19.68	/	/	15.16	/	/	<=38.45	Pass
		Outer_Full	19.77	/	/	15.25	/	/	<=38.45	Pass
		Inner_Full	20.80	/	/	16.28	/	/	<=38.45	Pass
		Inner_1RB_Left	20.83	/	/	16.31	/	/	<=38.45	Pass
		Inner_1RB_Right	20.73	/	/	16.21	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	19.70	/	/	15.18	/	/	<=38.45	Pass
		Edge_1RB_Right	19.64	/	/	15.12	/	/	<=38.45	Pass
		Outer_Full	19.69	/	/	15.17	/	/	<=38.45	Pass
		Inner_Full	20.66	/	/	16.14	/	/	<=38.45	Pass
		Inner_1RB_Left	20.65	/	/	16.13	/	/	<=38.45	Pass
		Inner_1RB_Right	20.61	/	/	16.09	/	/	<=38.45	Pass
DFT-s-OFDM 64 QAM	831.5	Edge_1RB_Left	19.34	/	/	14.82	/	/	<=38.45	Pass
		Edge_1RB_Right	19.31	/	/	14.79	/	/	<=38.45	Pass
		Outer_Full	19.27	/	/	14.75	/	/	<=38.45	Pass
		Inner_Full	19.31	/	/	14.79	/	/	<=38.45	Pass
		Inner_1RB_Left	19.37	/	/	14.85	/	/	<=38.45	Pass
		Inner_1RB_Right	19.25	/	/	14.73	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	19.54	/	/	15.02	/	/	<=38.45	Pass
		Edge_1RB_Right	19.25	/	/	14.73	/	/	<=38.45	Pass

		Outer Full	19.27	/	/	14.75	/	/	<=38.45	Pass
		Inner Full	19.31	/	/	14.79	/	/	<=38.45	Pass
		Inner_1RB_Left	19.40	/	/	14.88	/	/	<=38.45	Pass
		Inner_1RB_Right	19.23	/	/	14.71	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	19.26	/	/	14.74	/	/	<=38.45	Pass
		Edge_1RB_Right	19.16	/	/	14.64	/	/	<=38.45	Pass
		Outer Full	19.28	/	/	14.76	/	/	<=38.45	Pass
		Inner Full	19.22	/	/	14.70	/	/	<=38.45	Pass
		Inner_1RB_Left	19.21	/	/	14.69	/	/	<=38.45	Pass
		Inner_1RB_Right	19.15	/	/	14.63	/	/	<=38.45	Pass
DFT-s-OFDM 256 QAM	831.5	Edge_1RB_Left	17.26	/	/	12.74	/	/	<=38.45	Pass
		Edge_1RB_Right	17.16	/	/	12.64	/	/	<=38.45	Pass
		Outer Full	17.29	/	/	12.77	/	/	<=38.45	Pass
		Inner Full	17.30	/	/	12.78	/	/	<=38.45	Pass
		Inner_1RB_Left	17.23	/	/	12.71	/	/	<=38.45	Pass
		Inner_1RB_Right	17.13	/	/	12.61	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	17.29	/	/	12.77	/	/	<=38.45	Pass
		Edge_1RB_Right	17.17	/	/	12.65	/	/	<=38.45	Pass
		Outer Full	17.26	/	/	12.74	/	/	<=38.45	Pass
		Inner Full	17.31	/	/	12.79	/	/	<=38.45	Pass
		Inner_1RB_Left	17.30	/	/	12.78	/	/	<=38.45	Pass
		Inner_1RB_Right	17.16	/	/	12.64	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	17.15	/	/	12.63	/	/	<=38.45	Pass
		Edge_1RB_Right	17.06	/	/	12.54	/	/	<=38.45	Pass
		Outer Full	17.19	/	/	12.67	/	/	<=38.45	Pass
		Inner Full	17.15	/	/	12.63	/	/	<=38.45	Pass
		Inner_1RB_Left	17.17	/	/	12.65	/	/	<=38.45	Pass
		Inner_1RB_Right	17.05	/	/	12.53	/	/	<=38.45	Pass
CP-OFDM QPSK	831.5	Edge_1RB_Left	18.55	/	/	14.03	/	/	<=38.45	Pass
		Edge_1RB_Right	18.59	/	/	14.07	/	/	<=38.45	Pass
		Outer Full	18.69	/	/	14.17	/	/	<=38.45	Pass
		Inner Full	20.00	/	/	15.48	/	/	<=38.45	Pass
		Inner_1RB_Left	19.84	/	/	15.32	/	/	<=38.45	Pass
		Inner_1RB_Right	19.80	/	/	15.28	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	18.65	/	/	14.13	/	/	<=38.45	Pass
		Edge_1RB_Right	18.54	/	/	14.02	/	/	<=38.45	Pass
		Outer Full	18.79	/	/	14.27	/	/	<=38.45	Pass
		Inner Full	20.27	/	/	15.75	/	/	<=38.45	Pass
		Inner_1RB_Left	20.02	/	/	15.50	/	/	<=38.45	Pass
		Inner_1RB_Right	19.95	/	/	15.43	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	18.57	/	/	14.05	/	/	<=38.45	Pass
		Edge_1RB_Right	18.54	/	/	14.02	/	/	<=38.45	Pass
		Outer Full	18.66	/	/	14.14	/	/	<=38.45	Pass
		Inner Full	20.22	/	/	15.70	/	/	<=38.45	Pass
		Inner_1RB_Left	19.92	/	/	15.40	/	/	<=38.45	Pass
		Inner_1RB_Right	19.88	/	/	15.36	/	/	<=38.45	Pass
CP-OFDM 16 QAM	831.5	Edge_1RB_Left	18.82	/	/	14.30	/	/	<=38.45	Pass
		Edge_1RB_Right	18.69	/	/	14.17	/	/	<=38.45	Pass
		Outer Full	18.64	/	/	14.12	/	/	<=38.45	Pass
		Inner Full	19.74	/	/	15.22	/	/	<=38.45	Pass
		Inner_1RB_Left	19.71	/	/	15.19	/	/	<=38.45	Pass
		Inner_1RB_Right	19.71	/	/	15.19	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	18.99	/	/	14.47	/	/	<=38.45	Pass
		Edge_1RB_Right	18.77	/	/	14.25	/	/	<=38.45	Pass
		Outer Full	18.77	/	/	14.25	/	/	<=38.45	Pass
		Inner Full	19.71	/	/	15.19	/	/	<=38.45	Pass
		Inner_1RB_Left	19.96	/	/	15.44	/	/	<=38.45	Pass
		Inner_1RB_Right	19.68	/	/	15.16	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	18.87	/	/	14.35	/	/	<=38.45	Pass

		Edge 1RB Right	18.76	/	/	14.24	/	/	<=38.45	Pass
		Outer_Full	18.70	/	/	14.18	/	/	<=38.45	Pass
		Inner_Full	19.68	/	/	15.16	/	/	<=38.45	Pass
		Inner_1RB_Left	19.79	/	/	15.27	/	/	<=38.45	Pass
		Inner_1RB_Right	19.66	/	/	15.14	/	/	<=38.45	Pass
CP-OFDM 64 QAM	831.5	Edge_1RB_Left	18.33	/	/	13.81	/	/	<=38.45	Pass
		Edge_1RB_Right	18.28	/	/	13.76	/	/	<=38.45	Pass
		Outer_Full	18.24	/	/	13.72	/	/	<=38.45	Pass
		Inner_Full	18.25	/	/	13.73	/	/	<=38.45	Pass
		Inner_1RB_Left	18.37	/	/	13.85	/	/	<=38.45	Pass
		Inner_1RB_Right	18.31	/	/	13.79	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	18.43	/	/	13.91	/	/	<=38.45	Pass
		Edge_1RB_Right	18.27	/	/	13.75	/	/	<=38.45	Pass
		Outer_Full	18.22	/	/	13.70	/	/	<=38.45	Pass
		Inner_Full	18.29	/	/	13.77	/	/	<=38.45	Pass
		Inner_1RB_Left	18.33	/	/	13.81	/	/	<=38.45	Pass
		Inner_1RB_Right	18.26	/	/	13.74	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	18.32	/	/	13.80	/	/	<=38.45	Pass
		Edge_1RB_Right	18.19	/	/	13.67	/	/	<=38.45	Pass
		Outer_Full	18.23	/	/	13.71	/	/	<=38.45	Pass
		Inner_Full	18.27	/	/	13.75	/	/	<=38.45	Pass
		Inner_1RB_Left	18.26	/	/	13.74	/	/	<=38.45	Pass
		Inner_1RB_Right	18.26	/	/	13.74	/	/	<=38.45	Pass
CP-OFDM 256 QAM	831.5	Edge_1RB_Left	15.41	/	/	10.89	/	/	<=38.45	Pass
		Edge_1RB_Right	15.28	/	/	10.76	/	/	<=38.45	Pass
		Outer_Full	15.21	/	/	10.69	/	/	<=38.45	Pass
		Inner_Full	15.25	/	/	10.73	/	/	<=38.45	Pass
		Inner_1RB_Left	15.40	/	/	10.88	/	/	<=38.45	Pass
		Inner_1RB_Right	15.27	/	/	10.75	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	15.49	/	/	10.97	/	/	<=38.45	Pass
		Edge_1RB_Right	15.30	/	/	10.78	/	/	<=38.45	Pass
		Outer_Full	15.22	/	/	10.70	/	/	<=38.45	Pass
		Inner_Full	15.22	/	/	10.70	/	/	<=38.45	Pass
		Inner_1RB_Left	15.45	/	/	10.93	/	/	<=38.45	Pass
		Inner_1RB_Right	15.31	/	/	10.79	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	15.26	/	/	10.74	/	/	<=38.45	Pass
		Edge_1RB_Right	15.22	/	/	10.70	/	/	<=38.45	Pass
		Outer_Full	15.20	/	/	10.68	/	/	<=38.45	Pass
		Inner_Full	15.18	/	/	10.66	/	/	<=38.45	Pass
		Inner_1RB_Left	15.25	/	/	10.73	/	/	<=38.45	Pass
		Inner_1RB_Right	15.22	/	/	10.70	/	/	<=38.45	Pass
Note1: Antenna Gain: Ant7: -2.37dBi; Note2: ERP=Conducted Power+Antenna Gain-2.15										

1.1.4 15k_SISO_20MHz_NTNV_ERP

5G NR n5 SCS=15kHz SISO 20MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			ERP(dBm)				Verdict
			Ant7	Ant2	Sum	Ant7	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	834	Edge 1RB Left	21.25	/	/	16.73	/	/	<=38.45	Pass
		Edge 1RB Right	21.13	/	/	16.61	/	/	<=38.45	Pass
		Outer_Full	21.20	/	/	16.68	/	/	<=38.45	Pass
		Inner_Full	21.68	/	/	17.16	/	/	<=38.45	Pass
		Inner 1RB Left	21.75	/	/	17.23	/	/	<=38.45	Pass
		Inner 1RB Right	21.51	/	/	16.99	/	/	<=38.45	Pass
	836.5	Edge 1RB Left	21.30	/	/	16.78	/	/	<=38.45	Pass
		Edge 1RB Right	21.22	/	/	16.70	/	/	<=38.45	Pass
		Outer_Full	21.25	/	/	16.73	/	/	<=38.45	Pass

		Inner_Full	21.78	/	/	17.26	/	/	<=38.45	Pass
		Inner_1RB_Left	21.74	/	/	17.22	/	/	<=38.45	Pass
		Inner_1RB_Right	21.68	/	/	17.16	/	/	<=38.45	Pass
	839	Edge_1RB_Left	21.25	/	/	16.73	/	/	<=38.45	Pass
		Edge_1RB_Right	21.12	/	/	16.60	/	/	<=38.45	Pass
		Outer_Full	21.17	/	/	16.65	/	/	<=38.45	Pass
		Inner_Full	21.67	/	/	17.15	/	/	<=38.45	Pass
		Inner_1RB_Left	21.66	/	/	17.14	/	/	<=38.45	Pass
		Inner_1RB_Right	21.58	/	/	17.06	/	/	<=38.45	Pass
DFT-s-OFDM QPSK	834	Edge_1RB_Left	20.79	/	/	16.27	/	/	<=38.45	Pass
		Edge_1RB_Right	20.64	/	/	16.12	/	/	<=38.45	Pass
		Outer_Full	20.74	/	/	16.22	/	/	<=38.45	Pass
		Inner_Full	21.65	/	/	17.13	/	/	<=38.45	Pass
		Inner_1RB_Left	21.81	/	/	17.29	/	/	<=38.45	Pass
		Inner_1RB_Right	21.59	/	/	17.07	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	20.86	/	/	16.34	/	/	<=38.45	Pass
		Edge_1RB_Right	20.75	/	/	16.23	/	/	<=38.45	Pass
		Outer_Full	20.75	/	/	16.23	/	/	<=38.45	Pass
		Inner_Full	21.75	/	/	17.23	/	/	<=38.45	Pass
		Inner_1RB_Left	21.73	/	/	17.21	/	/	<=38.45	Pass
		Inner_1RB_Right	21.63	/	/	17.11	/	/	<=38.45	Pass
	839	Edge_1RB_Left	20.81	/	/	16.29	/	/	<=38.45	Pass
		Edge_1RB_Right	20.63	/	/	16.11	/	/	<=38.45	Pass
		Outer_Full	20.72	/	/	16.20	/	/	<=38.45	Pass
		Inner_Full	21.63	/	/	17.11	/	/	<=38.45	Pass
		Inner_1RB_Left	21.65	/	/	17.13	/	/	<=38.45	Pass
		Inner_1RB_Right	21.53	/	/	17.01	/	/	<=38.45	Pass
DFT-s-OFDM 16 QAM	834	Edge_1RB_Left	19.80	/	/	15.28	/	/	<=38.45	Pass
		Edge_1RB_Right	19.69	/	/	15.17	/	/	<=38.45	Pass
		Outer_Full	19.68	/	/	15.16	/	/	<=38.45	Pass
		Inner_Full	20.67	/	/	16.15	/	/	<=38.45	Pass
		Inner_1RB_Left	20.73	/	/	16.21	/	/	<=38.45	Pass
		Inner_1RB_Right	20.65	/	/	16.13	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	19.85	/	/	15.33	/	/	<=38.45	Pass
		Edge_1RB_Right	19.75	/	/	15.23	/	/	<=38.45	Pass
		Outer_Full	19.75	/	/	15.23	/	/	<=38.45	Pass
		Inner_Full	20.74	/	/	16.22	/	/	<=38.45	Pass
		Inner_1RB_Left	20.81	/	/	16.29	/	/	<=38.45	Pass
		Inner_1RB_Right	20.57	/	/	16.05	/	/	<=38.45	Pass
	839	Edge_1RB_Left	19.81	/	/	15.29	/	/	<=38.45	Pass
		Edge_1RB_Right	19.66	/	/	15.14	/	/	<=38.45	Pass
		Outer_Full	19.67	/	/	15.15	/	/	<=38.45	Pass
		Inner_Full	20.71	/	/	16.19	/	/	<=38.45	Pass
		Inner_1RB_Left	20.77	/	/	16.25	/	/	<=38.45	Pass
		Inner_1RB_Right	20.75	/	/	16.23	/	/	<=38.45	Pass
DFT-s-OFDM 64 QAM	834	Edge_1RB_Left	19.33	/	/	14.81	/	/	<=38.45	Pass
		Edge_1RB_Right	19.08	/	/	14.56	/	/	<=38.45	Pass
		Outer_Full	19.20	/	/	14.68	/	/	<=38.45	Pass
		Inner_Full	19.18	/	/	14.66	/	/	<=38.45	Pass
		Inner_1RB_Left	19.29	/	/	14.77	/	/	<=38.45	Pass
		Inner_1RB_Right	19.21	/	/	14.69	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	19.21	/	/	14.69	/	/	<=38.45	Pass
		Edge_1RB_Right	19.26	/	/	14.74	/	/	<=38.45	Pass
		Outer_Full	19.20	/	/	14.68	/	/	<=38.45	Pass
		Inner_Full	19.26	/	/	14.74	/	/	<=38.45	Pass
		Inner_1RB_Left	19.33	/	/	14.81	/	/	<=38.45	Pass
		Inner_1RB_Right	19.20	/	/	14.68	/	/	<=38.45	Pass
	839	Edge_1RB_Left	19.36	/	/	14.84	/	/	<=38.45	Pass
		Edge_1RB_Right	19.20	/	/	14.68	/	/	<=38.45	Pass

		Outer_Full	19.23	/	/	14.71	/	/	<=38.45	Pass
		Inner_Full	19.25	/	/	14.73	/	/	<=38.45	Pass
		Inner_1RB_Left	19.38	/	/	14.86	/	/	<=38.45	Pass
		Inner_1RB_Right	19.20	/	/	14.68	/	/	<=38.45	Pass
DFT-s-OFDM 256 QAM	834	Edge_1RB_Left	17.28	/	/	12.76	/	/	<=38.45	Pass
		Edge_1RB_Right	17.03	/	/	12.51	/	/	<=38.45	Pass
		Outer_Full	17.22	/	/	12.70	/	/	<=38.45	Pass
		Inner_Full	17.25	/	/	12.73	/	/	<=38.45	Pass
		Inner_1RB_Left	17.24	/	/	12.72	/	/	<=38.45	Pass
		Inner_1RB_Right	17.09	/	/	12.57	/	/	<=38.45	Pass
		Edge_1RB_Left	17.31	/	/	12.79	/	/	<=38.45	Pass
		Edge_1RB_Right	17.11	/	/	12.59	/	/	<=38.45	Pass
	836.5	Outer_Full	17.23	/	/	12.71	/	/	<=38.45	Pass
		Inner_Full	17.25	/	/	12.73	/	/	<=38.45	Pass
		Inner_1RB_Left	17.18	/	/	12.66	/	/	<=38.45	Pass
		Inner_1RB_Right	17.13	/	/	12.61	/	/	<=38.45	Pass
		Edge_1RB_Left	17.25	/	/	12.73	/	/	<=38.45	Pass
		Edge_1RB_Right	17.10	/	/	12.58	/	/	<=38.45	Pass
	839	Outer_Full	17.24	/	/	12.72	/	/	<=38.45	Pass
		Inner_Full	17.19	/	/	12.67	/	/	<=38.45	Pass
		Inner_1RB_Left	17.27	/	/	12.75	/	/	<=38.45	Pass
		Inner_1RB_Right	17.11	/	/	12.59	/	/	<=38.45	Pass
CP-OFDM QPSK	834	Edge_1RB_Left	18.57	/	/	14.05	/	/	<=38.45	Pass
		Edge_1RB_Right	18.51	/	/	13.99	/	/	<=38.45	Pass
		Outer_Full	18.49	/	/	13.97	/	/	<=38.45	Pass
		Inner_Full	20.20	/	/	15.68	/	/	<=38.45	Pass
		Inner_1RB_Left	19.96	/	/	15.44	/	/	<=38.45	Pass
		Inner_1RB_Right	19.94	/	/	15.42	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	18.63	/	/	14.11	/	/	<=38.45	Pass
		Edge_1RB_Right	18.60	/	/	14.08	/	/	<=38.45	Pass
		Outer_Full	18.70	/	/	14.18	/	/	<=38.45	Pass
		Inner_Full	20.23	/	/	15.71	/	/	<=38.45	Pass
		Inner_1RB_Left	20.04	/	/	15.52	/	/	<=38.45	Pass
		Inner_1RB_Right	19.92	/	/	15.40	/	/	<=38.45	Pass
	839	Edge_1RB_Left	18.62	/	/	14.10	/	/	<=38.45	Pass
		Edge_1RB_Right	18.56	/	/	14.04	/	/	<=38.45	Pass
		Outer_Full	18.64	/	/	14.12	/	/	<=38.45	Pass
		Inner_Full	20.25	/	/	15.73	/	/	<=38.45	Pass
		Inner_1RB_Left	20.05	/	/	15.53	/	/	<=38.45	Pass
		Inner_1RB_Right	19.87	/	/	15.35	/	/	<=38.45	Pass
CP-OFDM 16 QAM	834	Edge_1RB_Left	18.83	/	/	14.31	/	/	<=38.45	Pass
		Edge_1RB_Right	18.76	/	/	14.24	/	/	<=38.45	Pass
		Outer_Full	18.62	/	/	14.10	/	/	<=38.45	Pass
		Inner_Full	19.60	/	/	15.08	/	/	<=38.45	Pass
		Inner_1RB_Left	19.61	/	/	15.09	/	/	<=38.45	Pass
		Inner_1RB_Right	19.61	/	/	15.09	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	18.89	/	/	14.37	/	/	<=38.45	Pass
		Edge_1RB_Right	18.83	/	/	14.31	/	/	<=38.45	Pass
		Outer_Full	18.68	/	/	14.16	/	/	<=38.45	Pass
		Inner_Full	19.64	/	/	15.12	/	/	<=38.45	Pass
		Inner_1RB_Left	19.76	/	/	15.24	/	/	<=38.45	Pass
		Inner_1RB_Right	19.68	/	/	15.16	/	/	<=38.45	Pass
	839	Edge_1RB_Left	18.82	/	/	14.30	/	/	<=38.45	Pass
		Edge_1RB_Right	18.81	/	/	14.29	/	/	<=38.45	Pass
		Outer_Full	18.67	/	/	14.15	/	/	<=38.45	Pass
		Inner_Full	19.48	/	/	14.96	/	/	<=38.45	Pass
		Inner_1RB_Left	19.84	/	/	15.32	/	/	<=38.45	Pass
		Inner_1RB_Right	19.65	/	/	15.13	/	/	<=38.45	Pass
CP-OFDM 64 QAM	834	Edge_1RB_Left	18.21	/	/	13.69	/	/	<=38.45	Pass

		Edge 1RB Right	18.21	/	/	13.69	/	/	<=38.45	Pass
		Outer_Full	18.03	/	/	13.51	/	/	<=38.45	Pass
		Inner_Full	18.23	/	/	13.71	/	/	<=38.45	Pass
		Inner_1RB_Left	18.31	/	/	13.79	/	/	<=38.45	Pass
		Inner_1RB_Right	18.12	/	/	13.60	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	18.39	/	/	13.87	/	/	<=38.45	Pass
		Edge_1RB_Right	18.27	/	/	13.75	/	/	<=38.45	Pass
		Outer_Full	18.20	/	/	13.68	/	/	<=38.45	Pass
		Inner_Full	18.25	/	/	13.73	/	/	<=38.45	Pass
		Inner_1RB_Left	18.34	/	/	13.82	/	/	<=38.45	Pass
	839	Inner_1RB_Right	18.18	/	/	13.66	/	/	<=38.45	Pass
		Edge_1RB_Left	18.40	/	/	13.88	/	/	<=38.45	Pass
		Edge_1RB_Right	18.30	/	/	13.78	/	/	<=38.45	Pass
		Outer_Full	17.97	/	/	13.45	/	/	<=38.45	Pass
		Inner_Full	17.97	/	/	13.45	/	/	<=38.45	Pass
CP-OFDM 256 QAM	834	Inner_1RB_Left	18.43	/	/	13.91	/	/	<=38.45	Pass
		Inner_1RB_Right	18.20	/	/	13.68	/	/	<=38.45	Pass
		Edge_1RB_Left	15.36	/	/	10.84	/	/	<=38.45	Pass
		Edge_1RB_Right	15.30	/	/	10.78	/	/	<=38.45	Pass
		Outer_Full	15.18	/	/	10.66	/	/	<=38.45	Pass
		Inner_Full	15.20	/	/	10.68	/	/	<=38.45	Pass
	836.5	Inner_1RB_Left	15.44	/	/	10.92	/	/	<=38.45	Pass
		Inner_1RB_Right	15.19	/	/	10.67	/	/	<=38.45	Pass
		Edge_1RB_Left	15.48	/	/	10.96	/	/	<=38.45	Pass
		Edge_1RB_Right	15.33	/	/	10.81	/	/	<=38.45	Pass
		Outer_Full	15.18	/	/	10.66	/	/	<=38.45	Pass
		Inner_Full	15.26	/	/	10.74	/	/	<=38.45	Pass
	839	Inner_1RB_Left	15.41	/	/	10.89	/	/	<=38.45	Pass
		Inner_1RB_Right	15.28	/	/	10.76	/	/	<=38.45	Pass
		Edge_1RB_Left	15.12	/	/	10.60	/	/	<=38.45	Pass
Edge_1RB_Right		15.28	/	/	10.76	/	/	<=38.45	Pass	
Outer_Full		14.93	/	/	10.41	/	/	<=38.45	Pass	
	Inner_Full	14.98	/	/	10.46	/	/	<=38.45	Pass	
	Inner_1RB_Left	15.10	/	/	10.58	/	/	<=38.45	Pass	
		Inner_1RB_Right	15.08	/	/	10.56	/	/	<=38.45	Pass
Note1: Antenna Gain: Ant7: -2.37dBi; Note2: ERP=Conducted Power+Antenna Gain-2.15										

2. Frequency Stability

2.1 Test Result

2.1.1 15k_SISO_20MHz

5G NR n5 SCS=15kHz SISO 20MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	836.5	Outer_Full	20	LV	-6.10	-0.0073	>=-2.5 & <=2.5	Pass
				HV	-6.00	-0.0072	>=-2.5 & <=2.5	Pass
			-30	NV	-7.70	-0.0092	>=-2.5 & <=2.5	Pass
			-20	NV	-9.10	-0.0109	>=-2.5 & <=2.5	Pass
			-10	NV	-8.00	-0.0096	>=-2.5 & <=2.5	Pass
			0	NV	-8.20	-0.0098	>=-2.5 & <=2.5	Pass
			10	NV	-6.00	-0.0072	>=-2.5 & <=2.5	Pass
			20	NV	-7.30	-0.0087	>=-2.5 & <=2.5	Pass
			30	NV	-8.90	-0.0106	>=-2.5 & <=2.5	Pass
			40	NV	-7.00	-0.0084	>=-2.5 & <=2.5	Pass

			50	NV	-9.60	-0.0115	>=-2.5 & <=2.5	Pass
--	--	--	----	----	-------	---------	----------------	------

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 15k_SISO_5MHz_NTNV

5G NR n5 SCS=15kHz SISO 5MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	836.5	Outer_Full	4.54	5.01	/	Pass
DFT-s-OFDM QPSK	836.5	Outer_Full	4.55	4.99	/	Pass
DFT-s-OFDM 16 QAM	836.5	Outer_Full	4.54	4.98	/	Pass
DFT-s-OFDM 64 QAM	836.5	Outer_Full	4.56	4.99	/	Pass
DFT-s-OFDM 256 QAM	836.5	Outer_Full	4.53	4.97	/	Pass
CP-OFDM QPSK	836.5	Outer_Full	4.51	4.98	/	Pass
CP-OFDM 16 QAM	836.5	Outer_Full	4.52	4.99	/	Pass
CP-OFDM 64 QAM	836.5	Outer_Full	4.53	5.02	/	Pass
CP-OFDM 256 QAM	836.5	Outer_Full	4.51	5.03	/	Pass

3.1.2 15k_SISO_10MHz_NTNV

5G NR n5 SCS=15kHz SISO 10MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	836.5	Outer_Full	9.10	9.77	/	Pass
DFT-s-OFDM QPSK	836.5	Outer_Full	9.03	9.68	/	Pass
DFT-s-OFDM 16 QAM	836.5	Outer_Full	9.01	9.71	/	Pass
DFT-s-OFDM 64 QAM	836.5	Outer_Full	9.05	9.73	/	Pass
DFT-s-OFDM 256 QAM	836.5	Outer_Full	9.01	9.68	/	Pass
CP-OFDM QPSK	836.5	Outer_Full	9.32	10.09	/	Pass
CP-OFDM 16 QAM	836.5	Outer_Full	9.35	10.09	/	Pass
CP-OFDM 64 QAM	836.5	Outer_Full	9.34	10.07	/	Pass
CP-OFDM 256 QAM	836.5	Outer_Full	9.37	10.05	/	Pass

3.1.3 15k_SISO_15MHz_NTNV

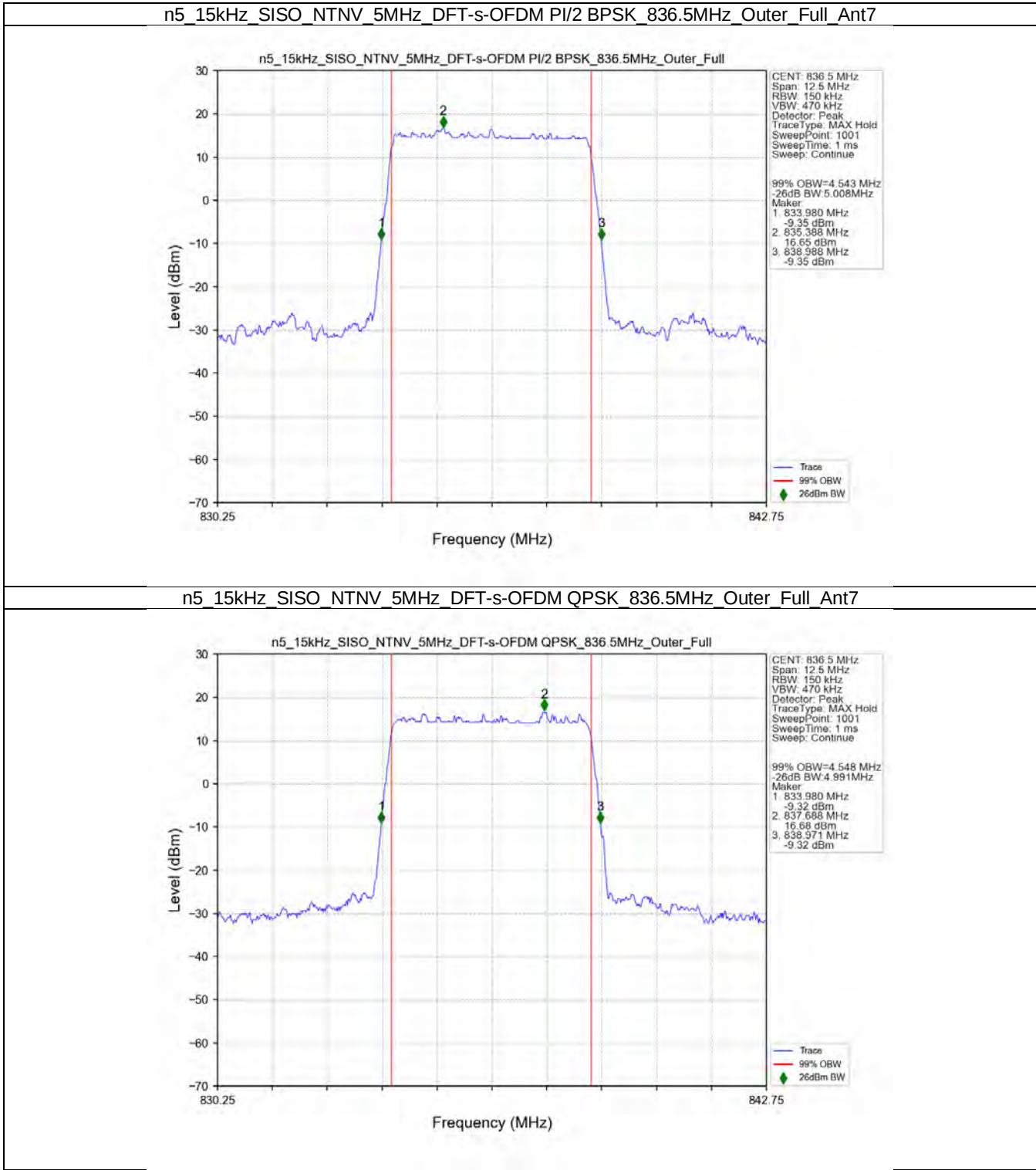
5G NR n5 SCS=15kHz SISO 15MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	836.5	Outer_Full	13.59	14.54	/	Pass
DFT-s-OFDM QPSK	836.5	Outer_Full	13.53	14.55	/	Pass
DFT-s-OFDM 16 QAM	836.5	Outer_Full	13.52	14.59	/	Pass
DFT-s-OFDM 64 QAM	836.5	Outer_Full	13.55	14.57	/	Pass
DFT-s-OFDM 256 QAM	836.5	Outer_Full	13.56	14.55	/	Pass
CP-OFDM QPSK	836.5	Outer_Full	14.19	15.26	/	Pass
CP-OFDM 16 QAM	836.5	Outer_Full	14.25	15.28	/	Pass
CP-OFDM 64 QAM	836.5	Outer_Full	14.24	15.31	/	Pass
CP-OFDM 256 QAM	836.5	Outer_Full	14.24	15.27	/	Pass

3.1.4 15k_SISO_20MHz_NTNV

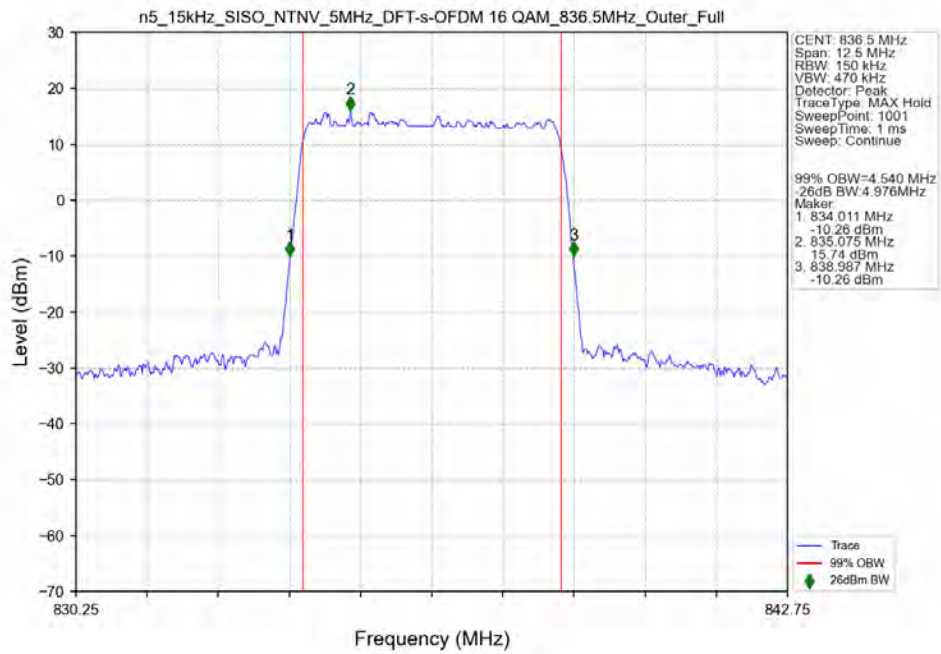
5G NR n5 SCS=15kHz SISO 20MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	836.5	Outer Full	18.07	19.40	/	Pass
DFT-s-OFDM QPSK	836.5	Outer Full	18.06	19.39	/	Pass
DFT-s-OFDM 16 QAM	836.5	Outer Full	18.03	19.41	/	Pass
DFT-s-OFDM 64 QAM	836.5	Outer Full	18.08	19.40	/	Pass
DFT-s-OFDM 256 QAM	836.5	Outer Full	18.02	19.34	/	Pass
CP-OFDM QPSK	836.5	Outer Full	19.06	20.47	/	Pass
CP-OFDM 16 QAM	836.5	Outer Full	19.08	20.46	/	Pass
CP-OFDM 64 QAM	836.5	Outer Full	19.13	20.44	/	Pass
CP-OFDM 256 QAM	836.5	Outer Full	19.03	20.47	/	Pass

3.2 Test Graph

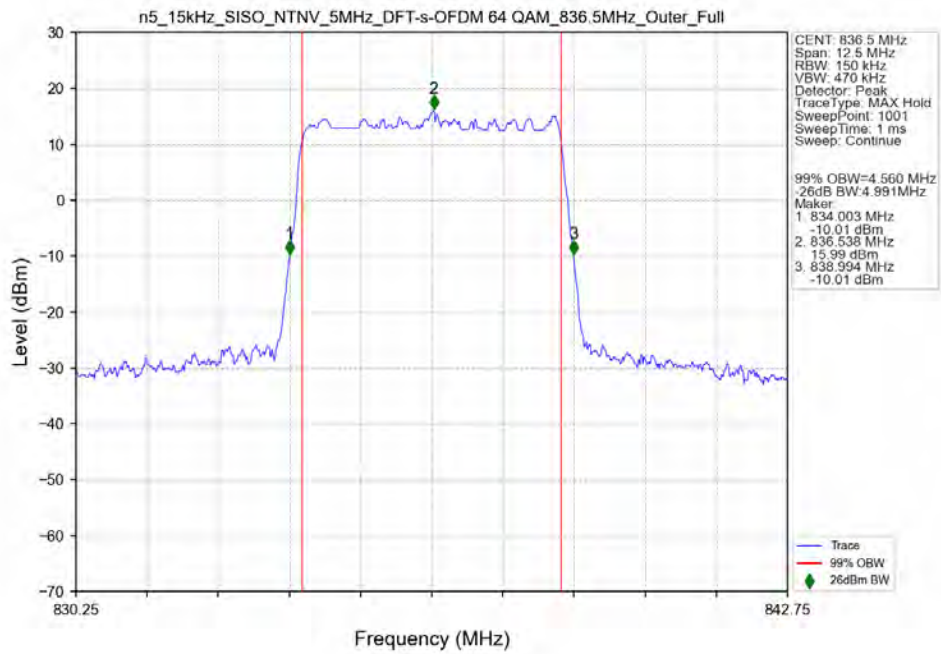
3.2.1 15k_SISO_5MHz_NTNV



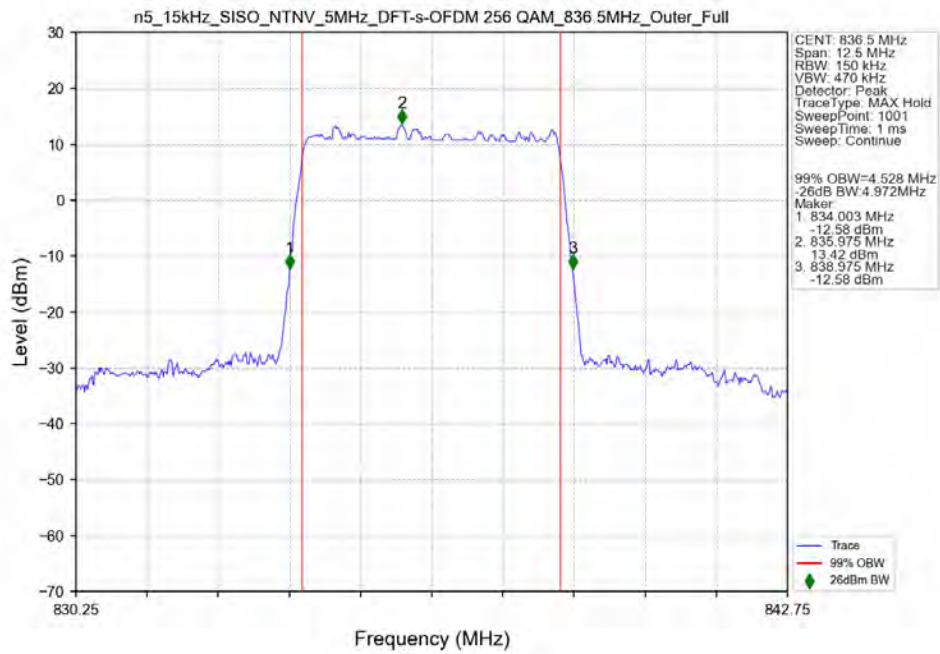
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_16_QAM_836.5MHz_Outer_Full_Ant7



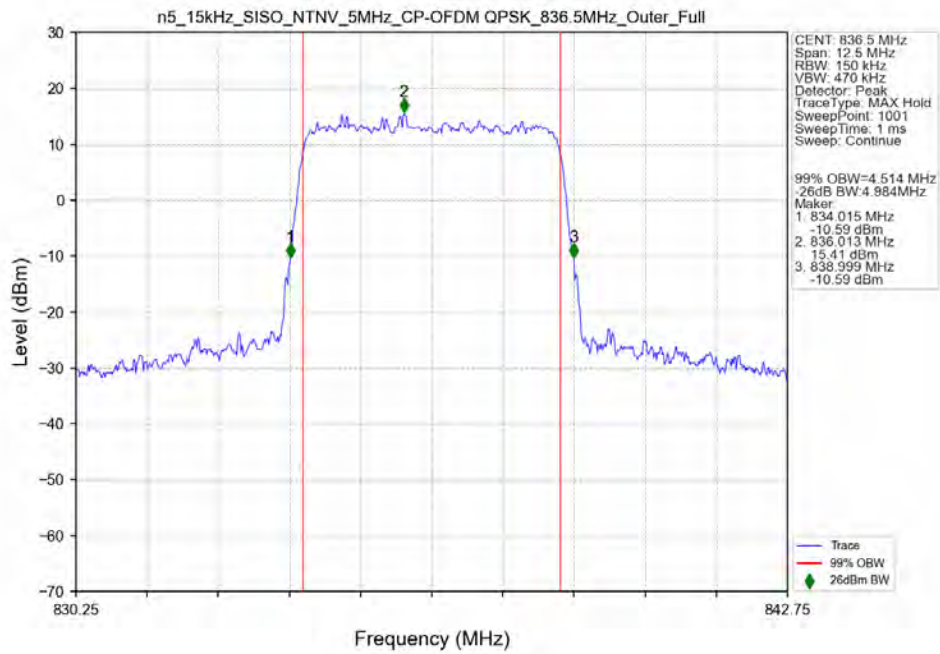
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_64_QAM_836.5MHz_Outer_Full_Ant7



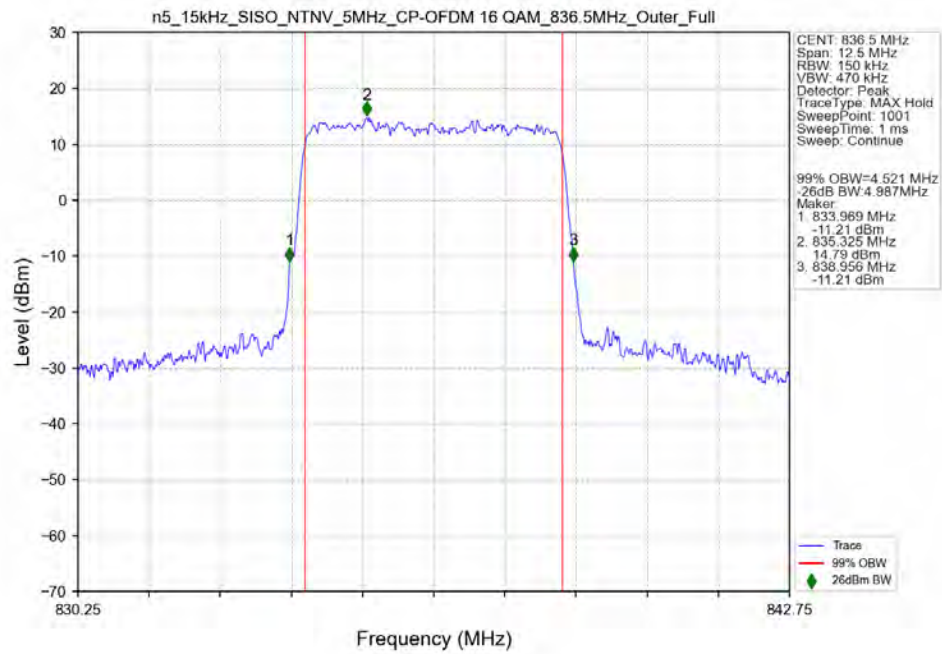
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_256QAM_836.5MHz_Outer_Full_Ant7



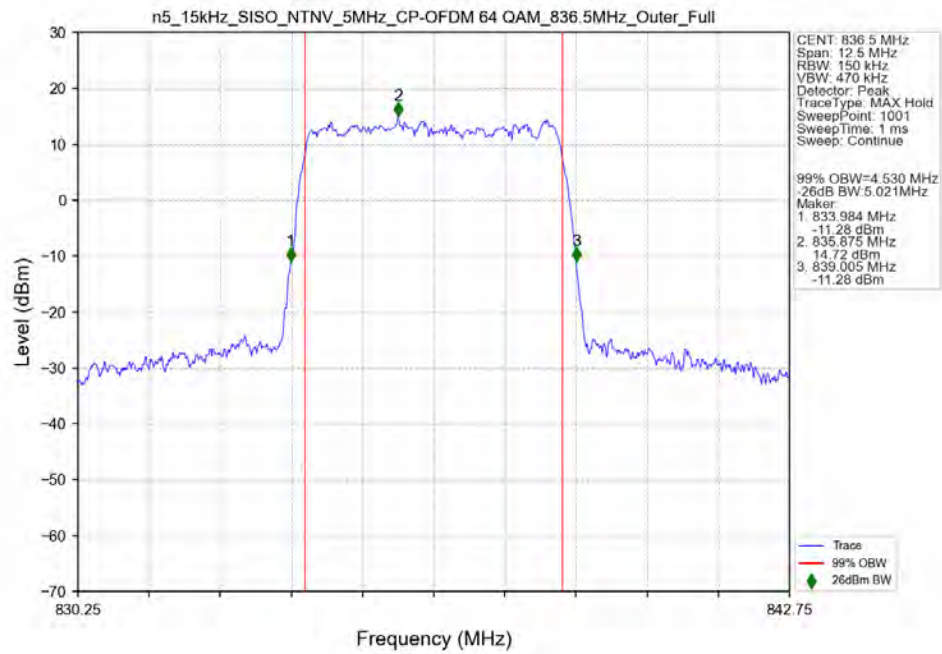
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_836.5MHz_Outer_Full_Ant7



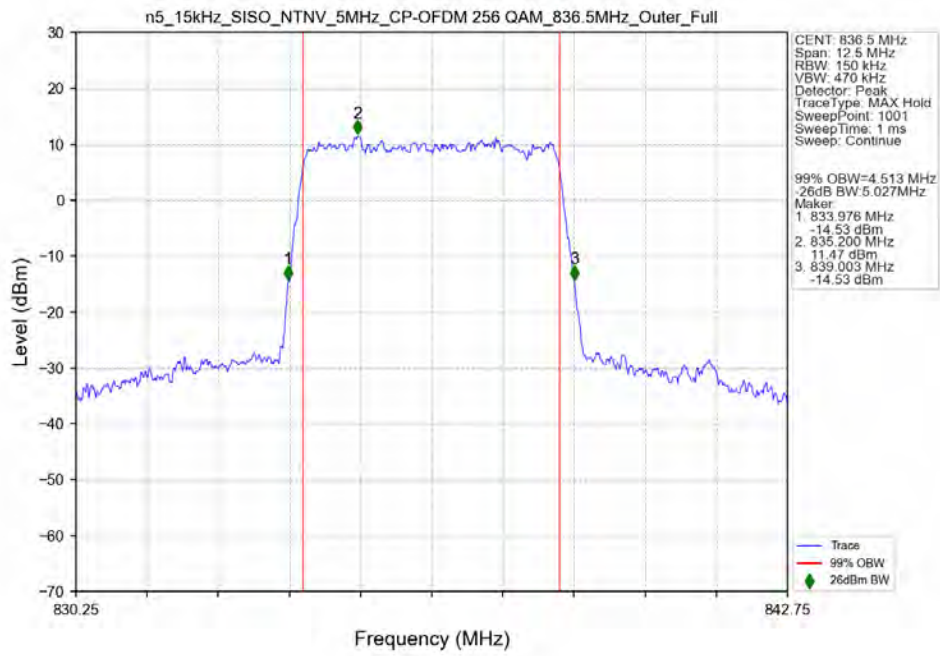
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM 16 QAM 836.5MHz_Outer_Full_Ant7



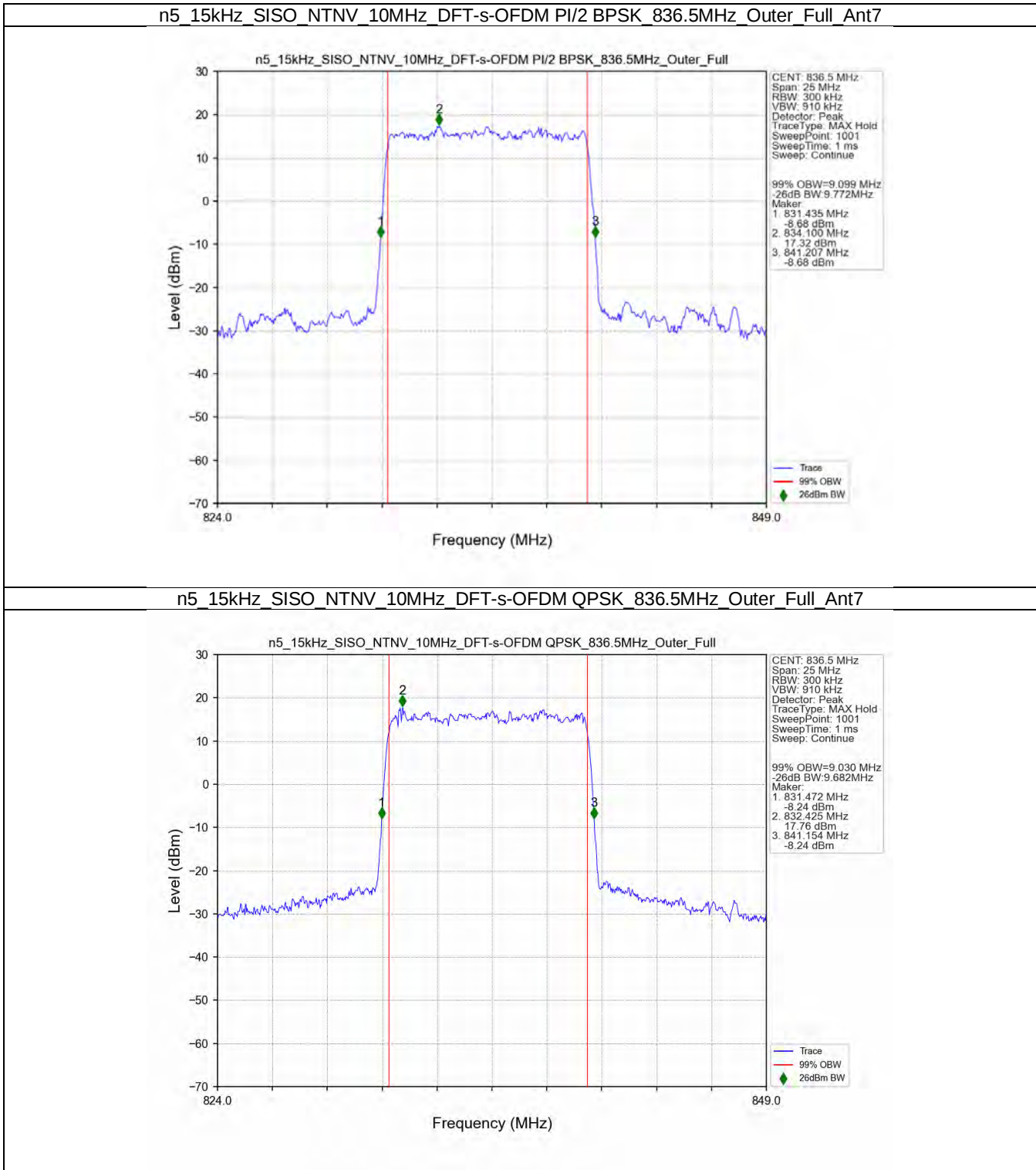
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM 64 QAM 836.5MHz_Outer_Full_Ant7



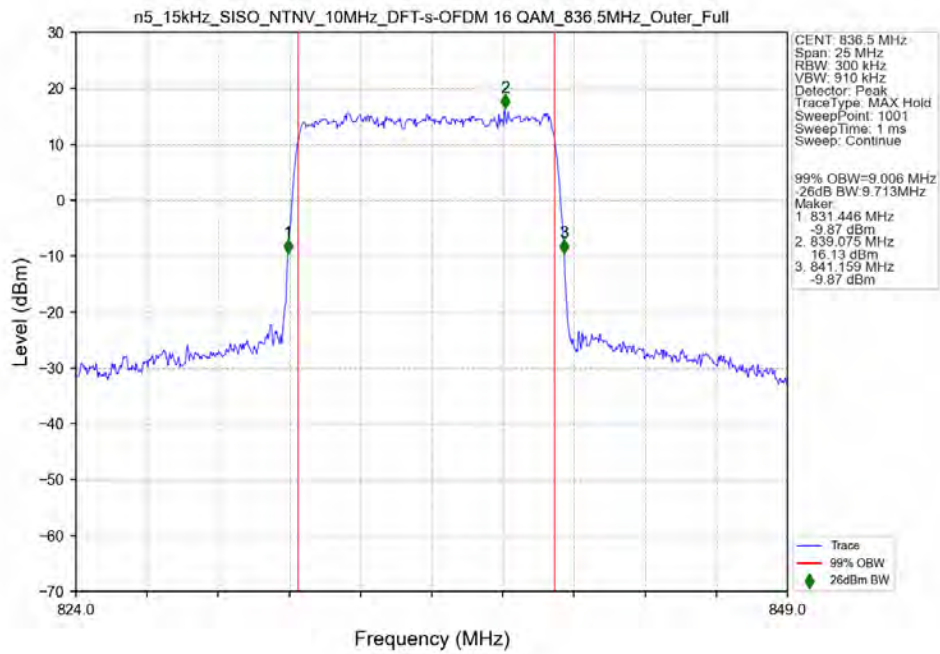
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_256_QAM_836.5MHz_Outer_Full_Ant7



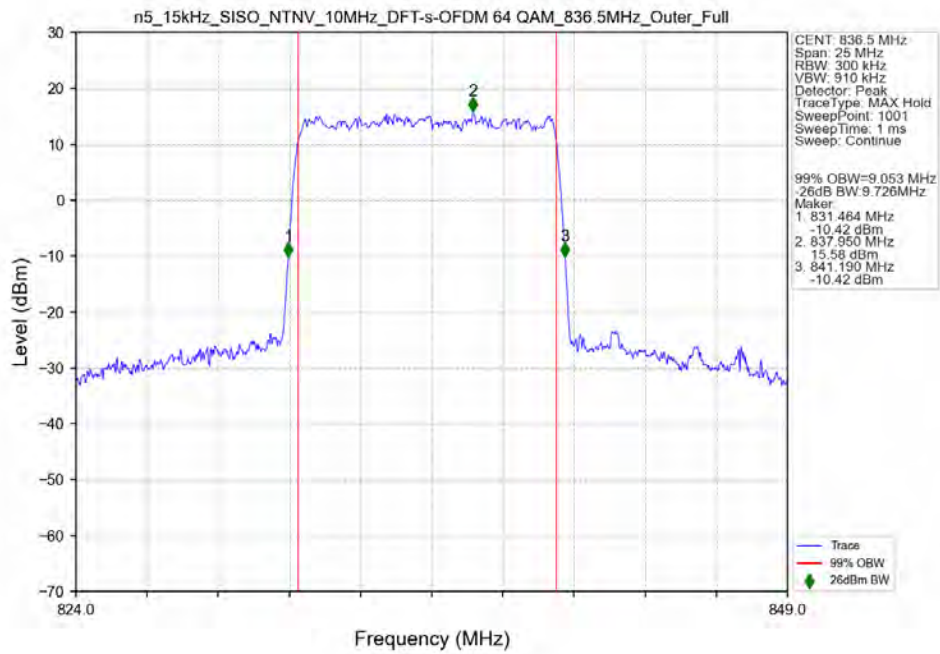
3.2.2 15k_SISO_10MHz_NTNV



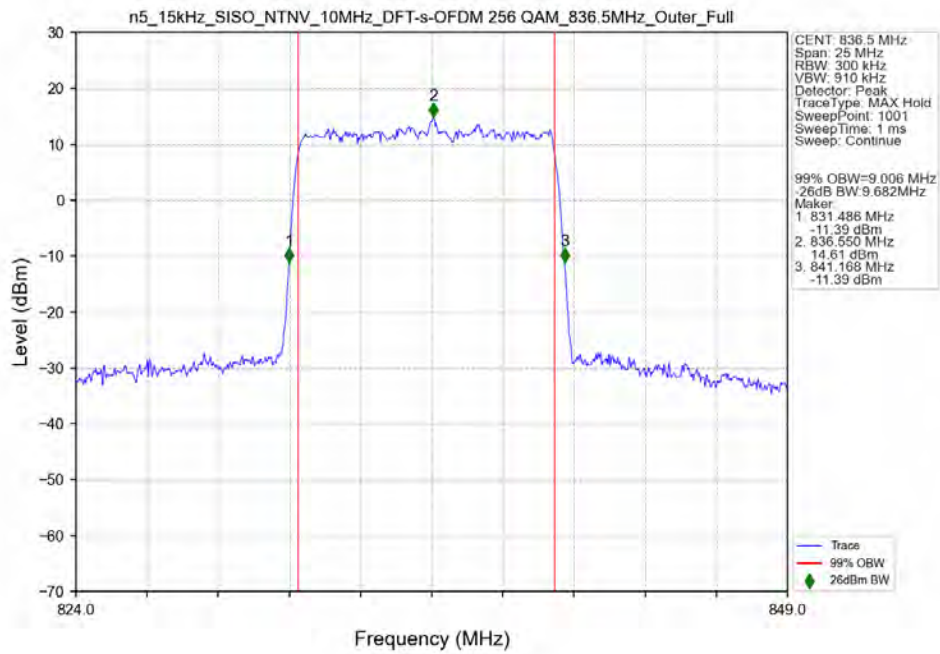
n5_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 16 QAM 836.5MHz_Outer_Full_Ant7



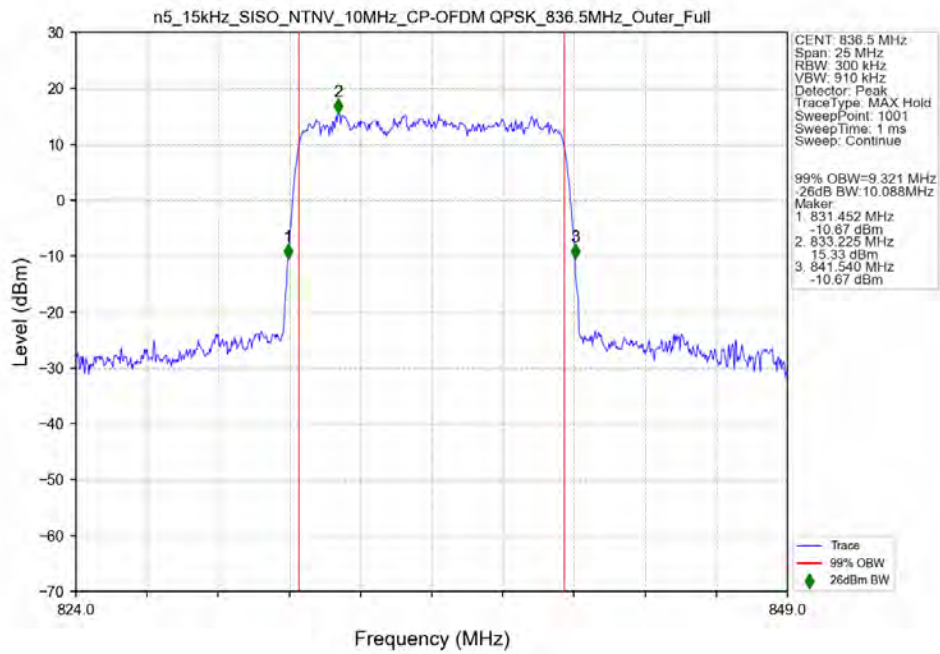
n5_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 64 QAM 836.5MHz_Outer_Full_Ant7



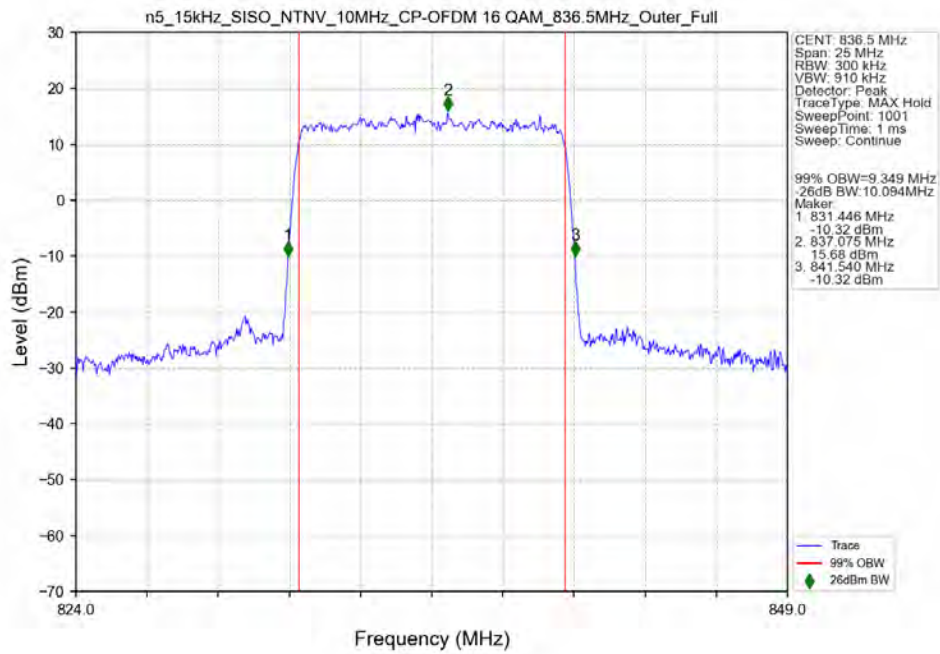
n5_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_256_QAM_836.5MHz_Outer_Full_Ant7



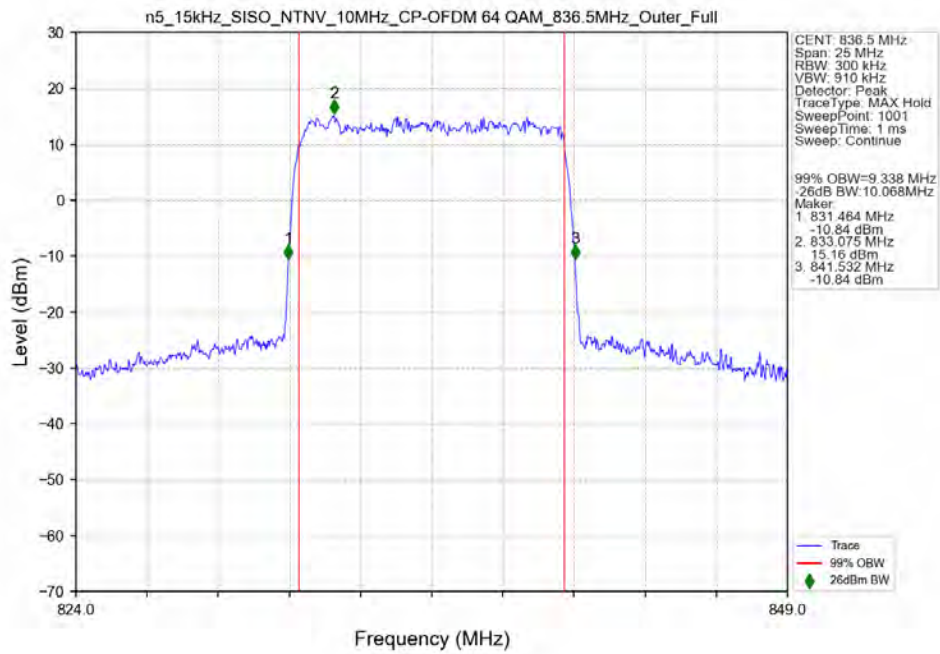
n5_15kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_836.5MHz_Outer_Full_Ant7



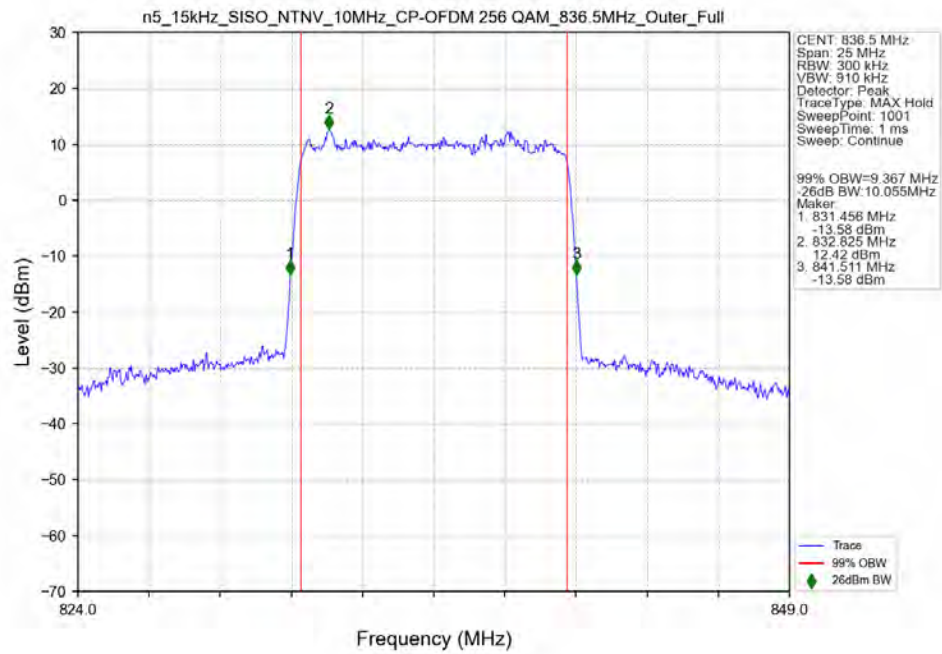
n5_15kHz_SISO_NTNV_10MHz_CP-OFDM 16 QAM 836.5MHz Outer Full Ant7



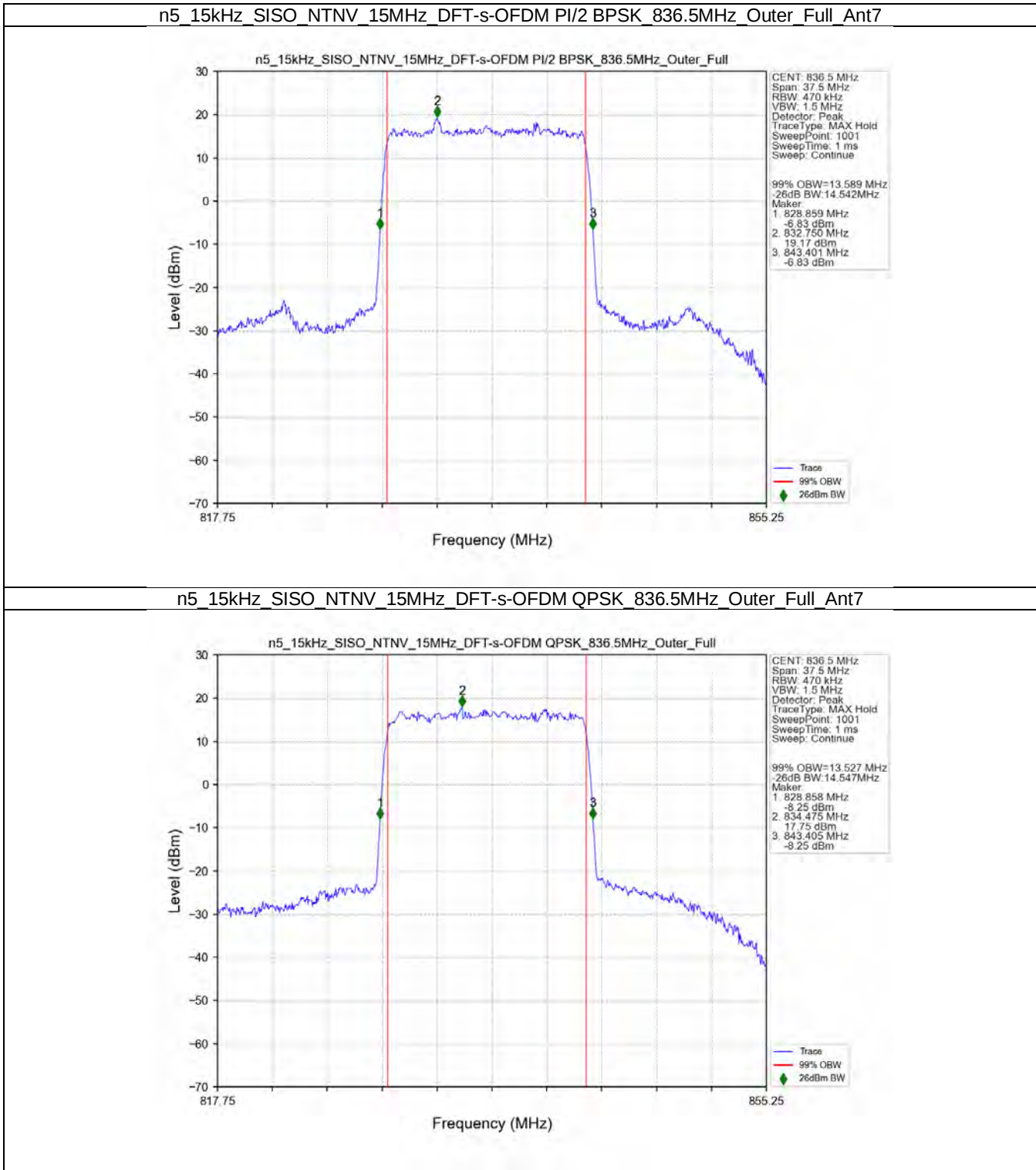
n5_15kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM 836.5MHz Outer Full Ant7



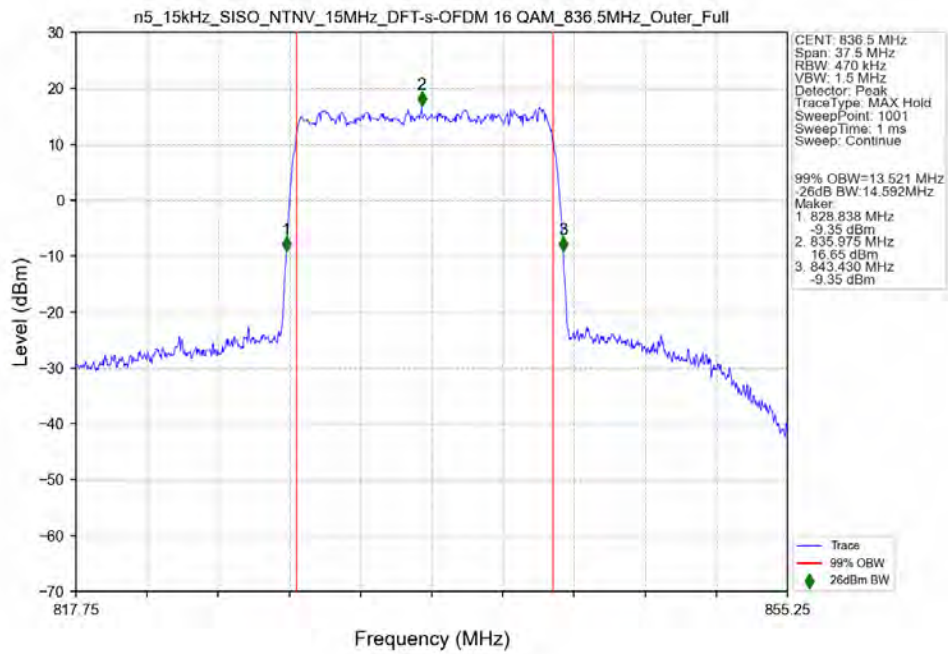
n5_15kHz_SISO_NTNV_10MHz_CP-OFDM_256_QAM_836.5MHz_Outer_Full_Ant7



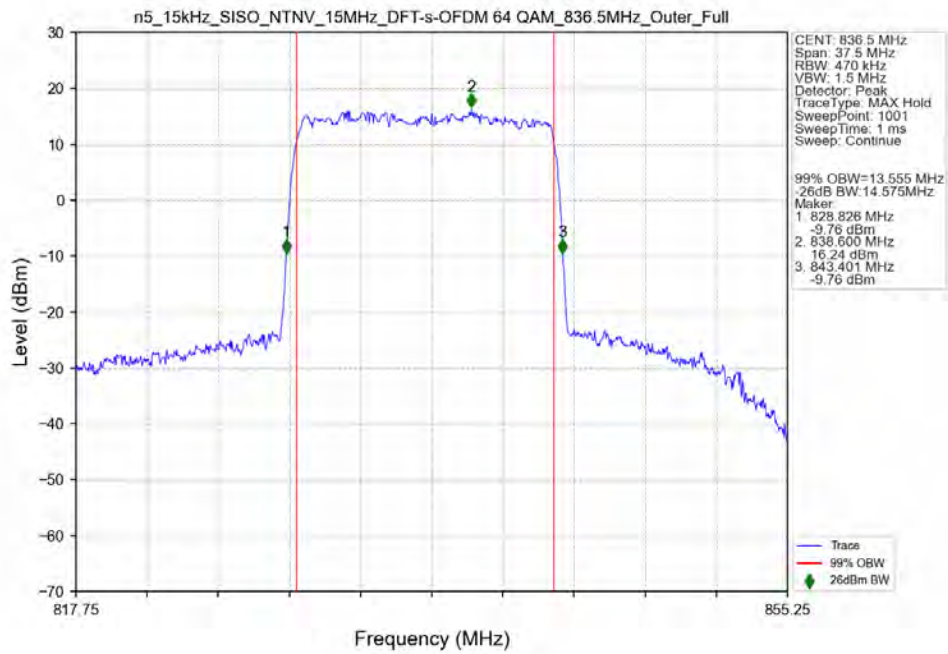
3.2.3 15k_SISO_15MHz_NTNV



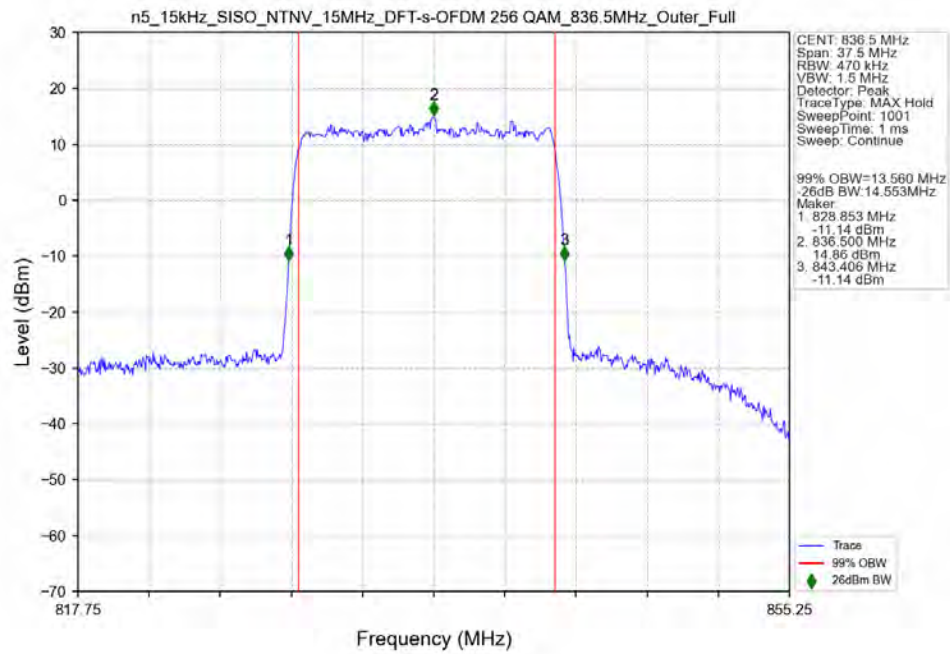
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_16_QAM_836.5MHz_Outer_Full_Ant7



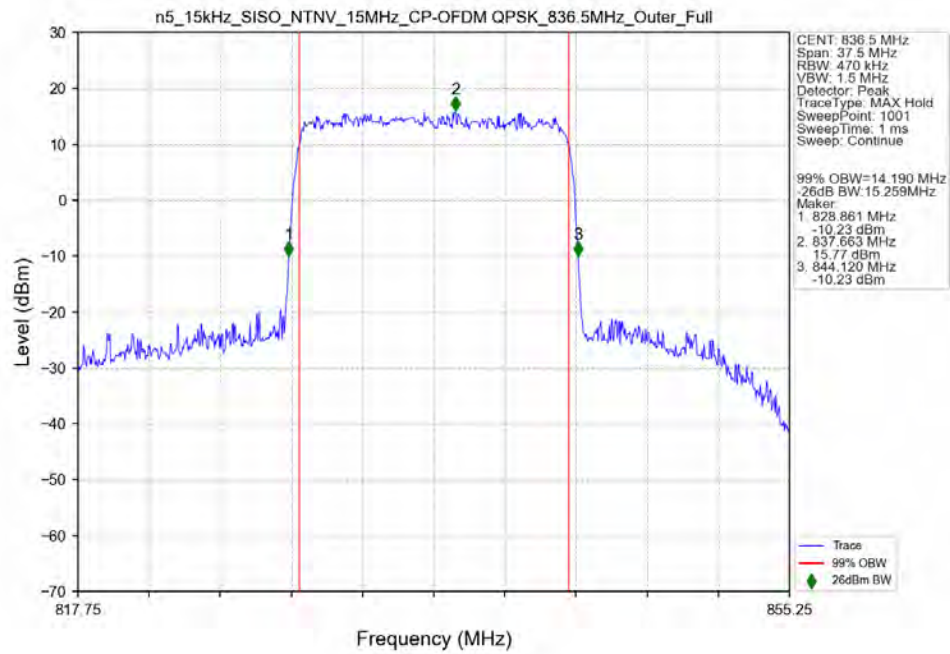
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_64_QAM_836.5MHz_Outer_Full_Ant7



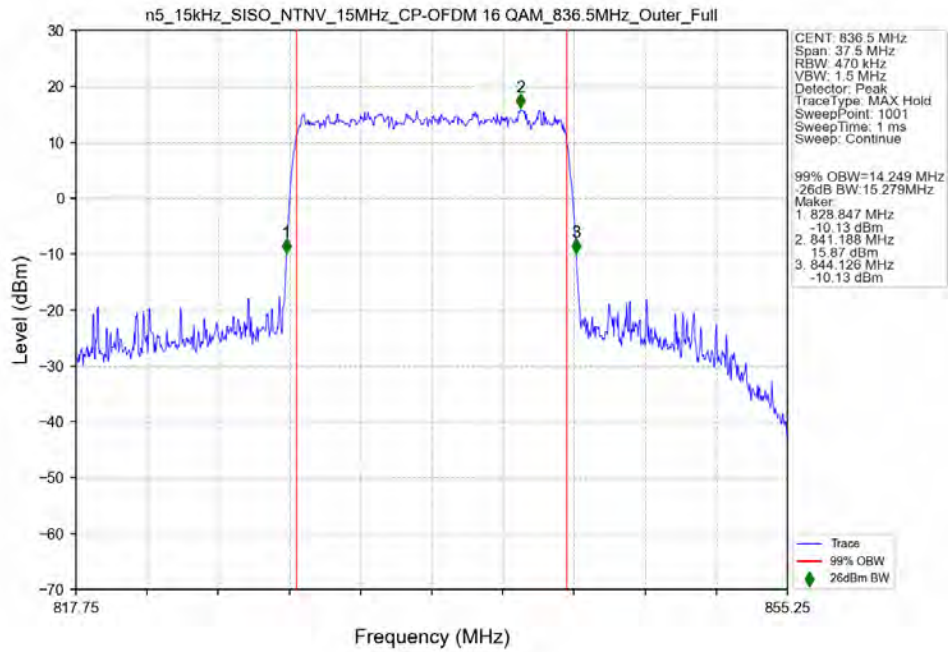
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_256_QAM_836.5MHz_Outer_Full_Ant7



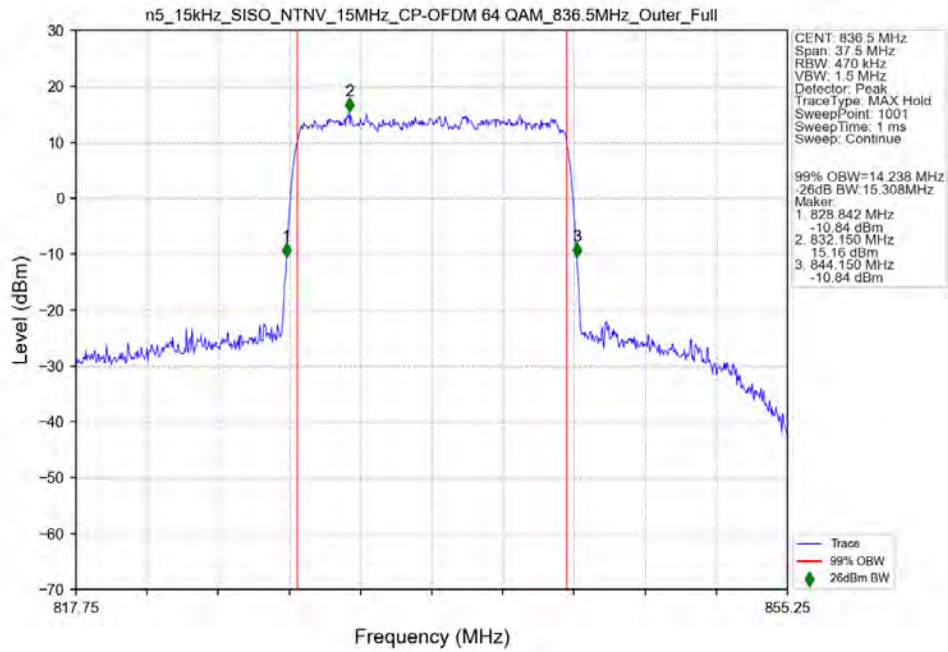
n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_836.5MHz_Outer_Full_Ant7



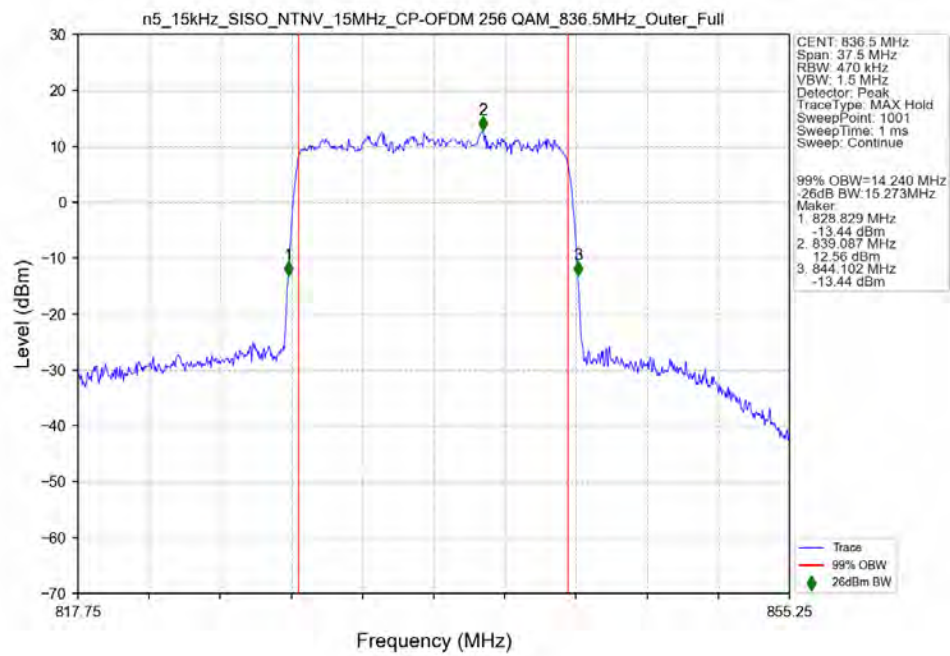
n5_15kHz_SISO_NTNV_15MHz_CP-OFDM 16 QAM 836.5MHz_Outer_Full_Ant7



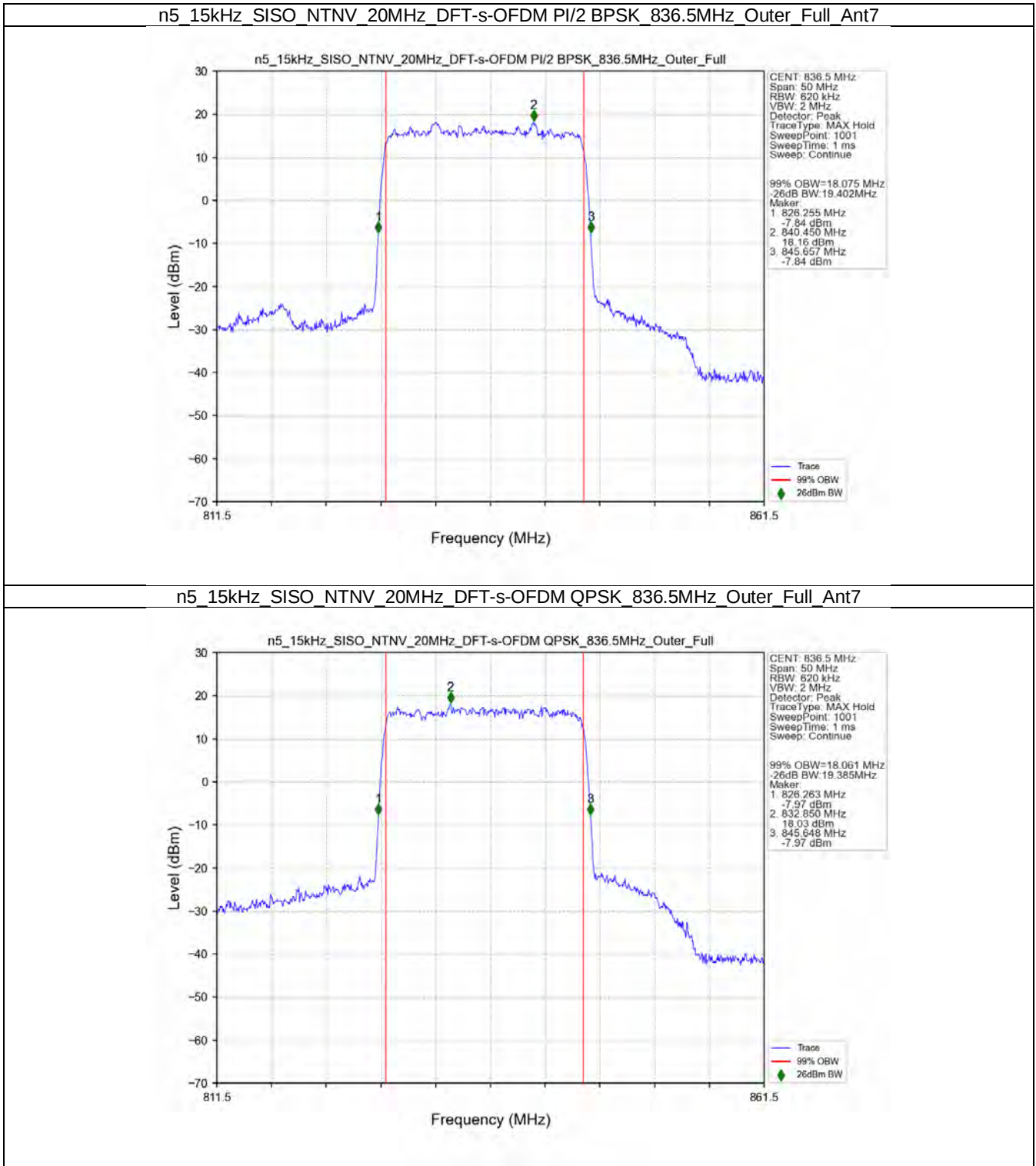
n5_15kHz_SISO_NTNV_15MHz_CP-OFDM 64 QAM 836.5MHz_Outer_Full_Ant7



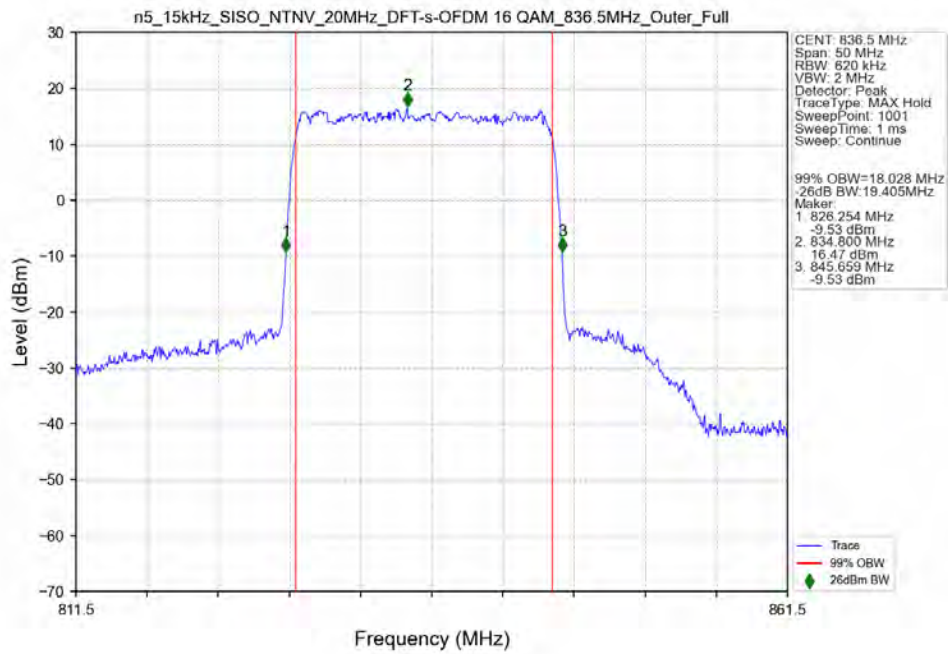
n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_256_QAM_836.5MHz_Outer_Full_Ant7



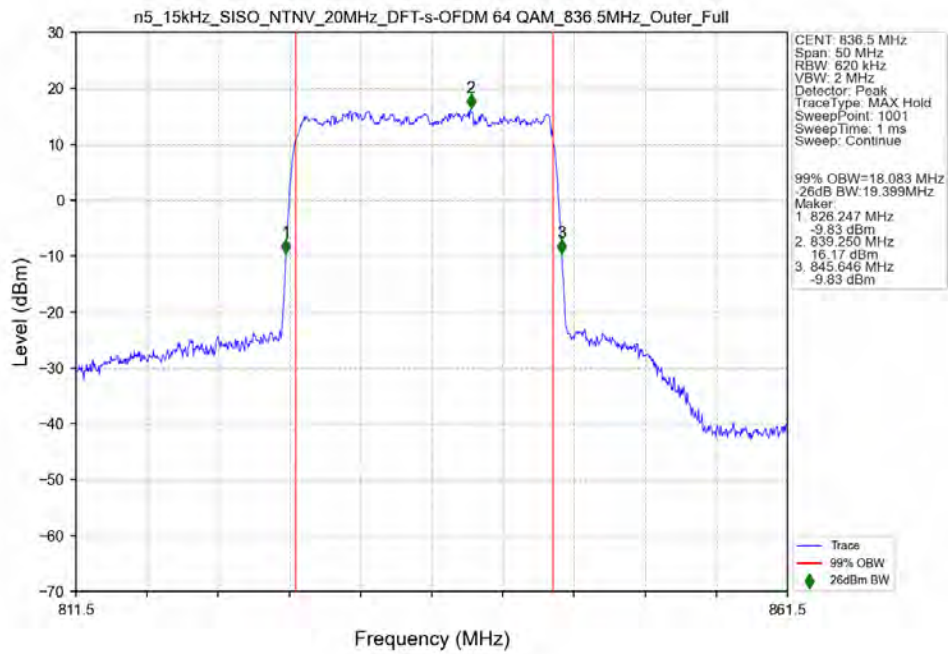
3.2.4 15k_SISO_20MHz_NTNV



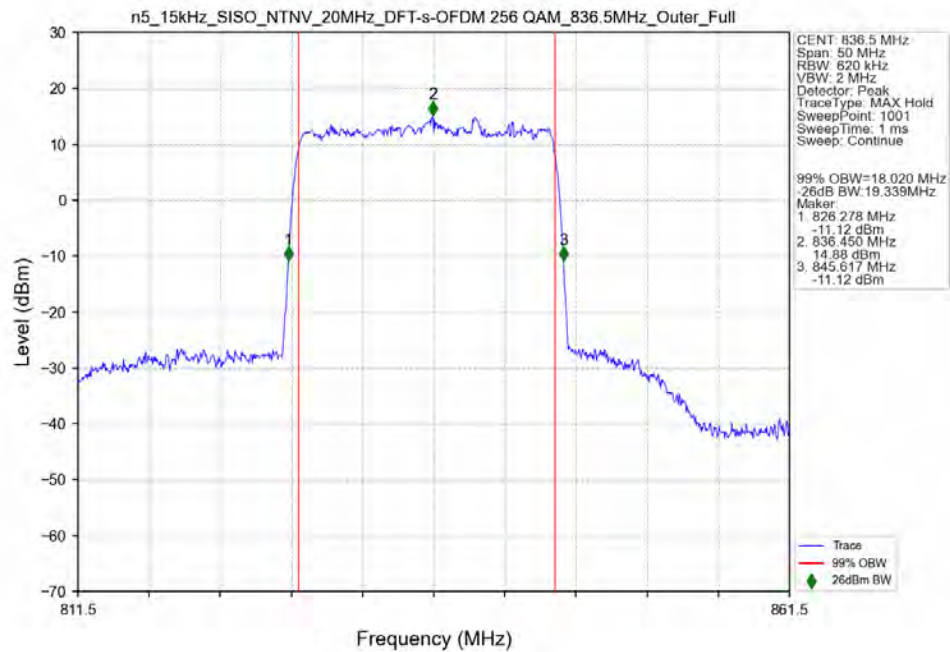
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 16 QAM 836.5MHz_Outer_Full Ant7



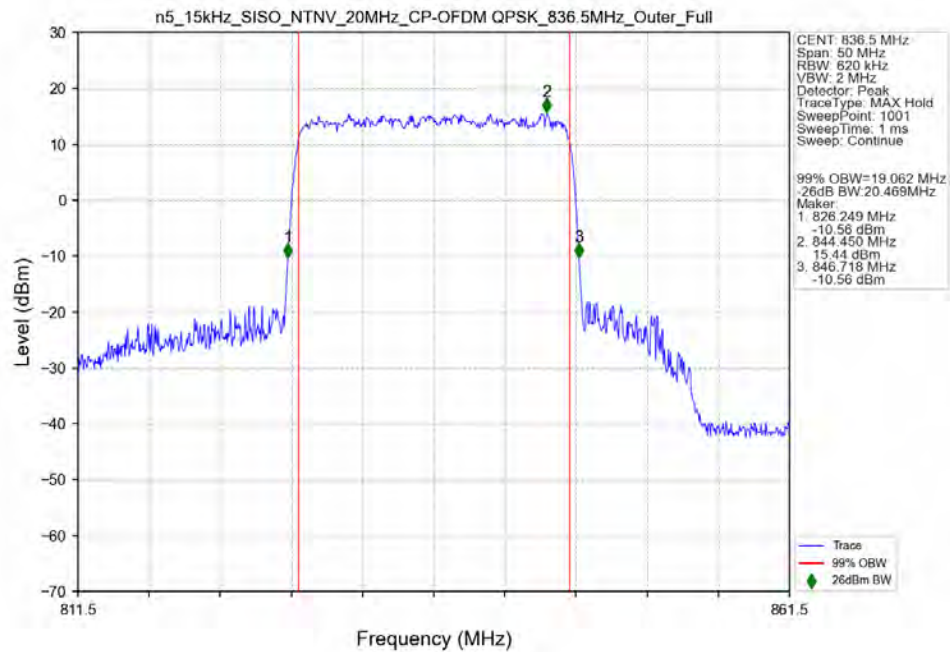
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 64 QAM 836.5MHz_Outer_Full Ant7



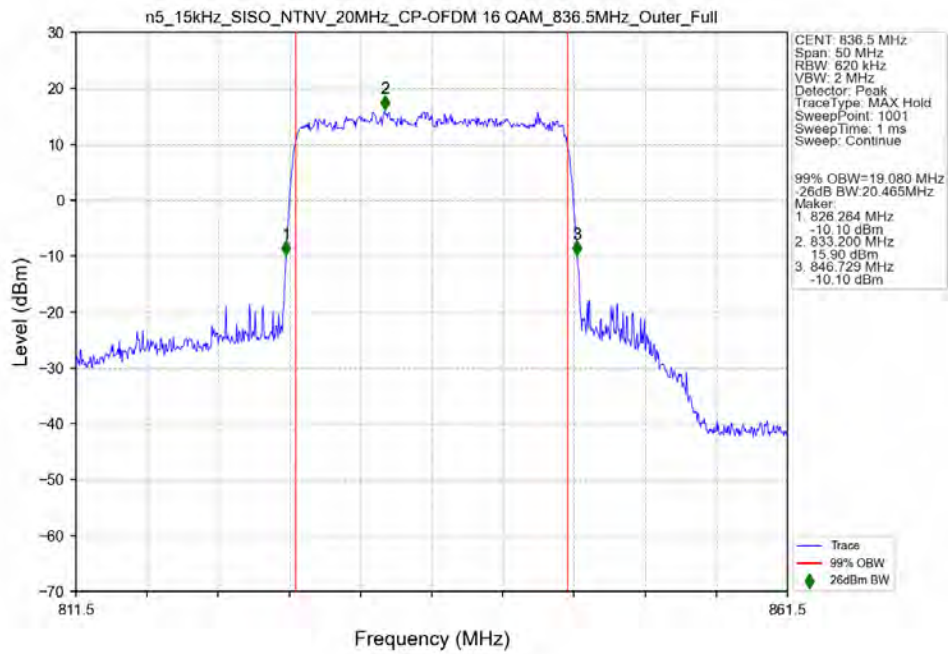
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_256_QAM_836.5MHz_Outer_Full_Ant7



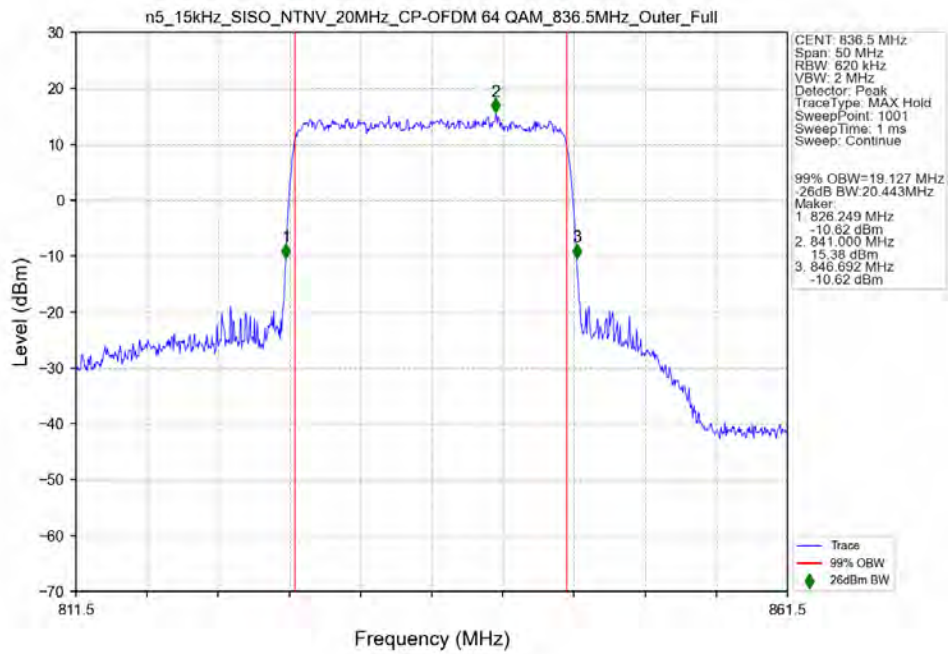
n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_836.5MHz_Outer_Full_Ant7



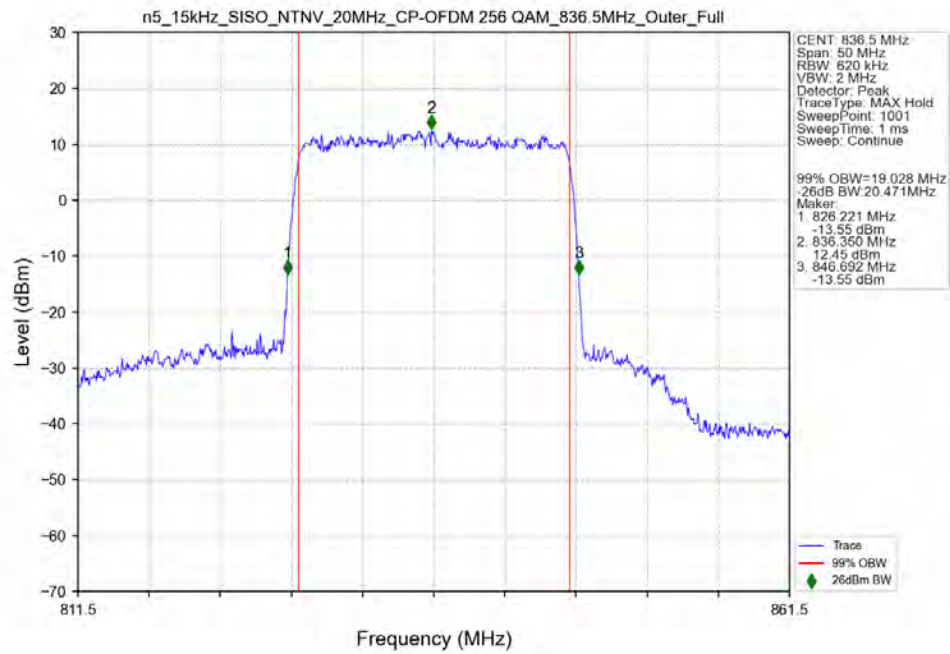
n5_15kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM 836.5MHz_Outer_Full_Ant7



n5_15kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM 836.5MHz_Outer_Full_Ant7



n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_256_QAM_836.5MHz_Outer_Full_Ant7



4. Peak-Average Ratio

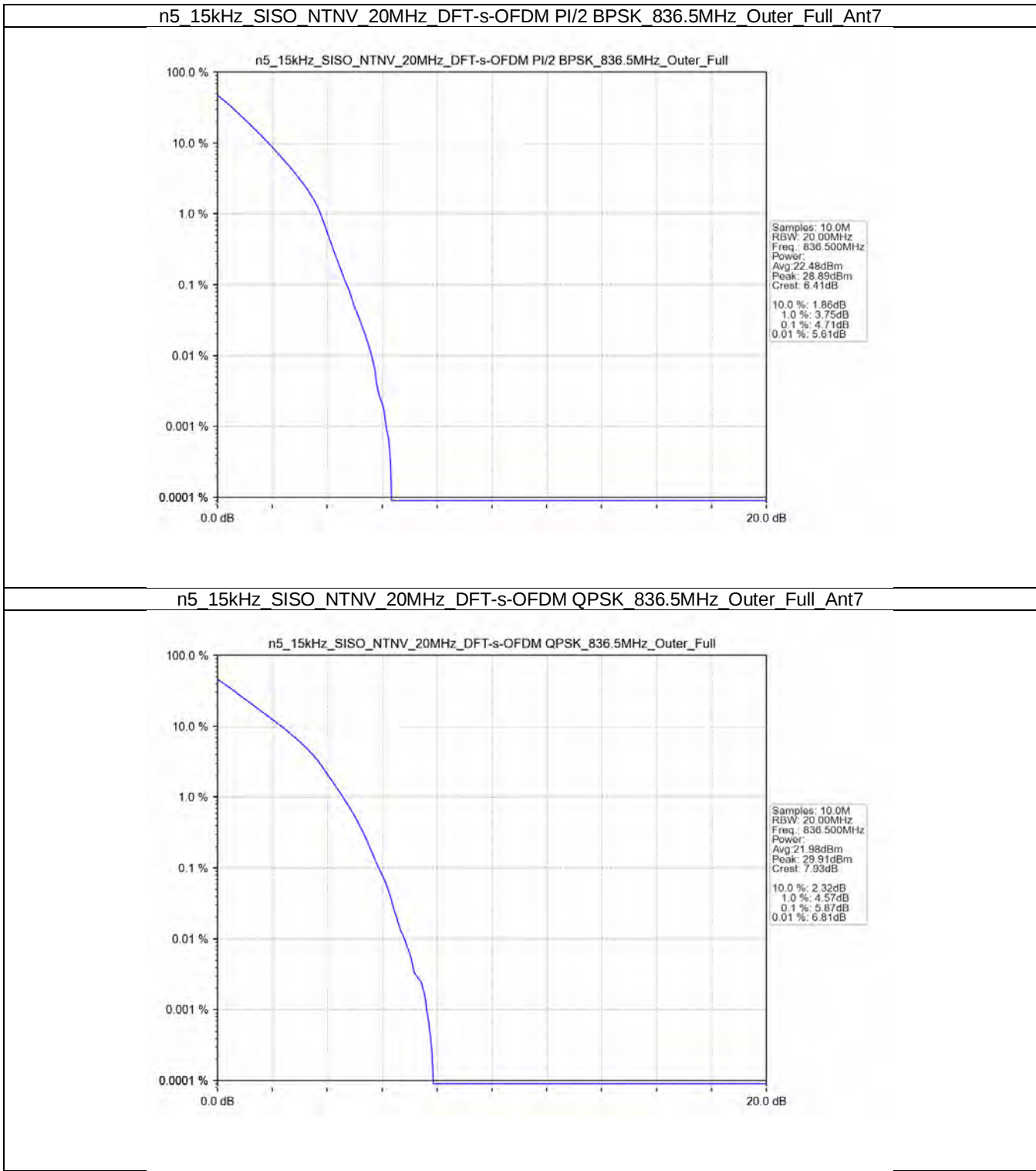
4.1 Test Result

4.1.1 15k_SISO_20MHz_NTNV

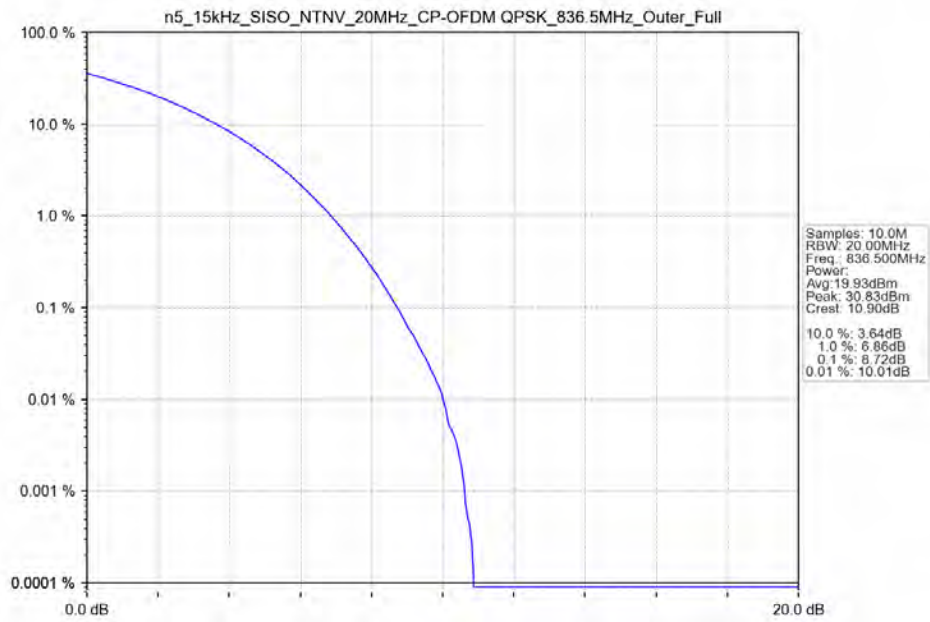
5G NR n5 SCS=15kHz SISO 20MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	836.5	Outer_Full	4.71	/	/	<=13	Pass
DFT-s-OFDM QPSK	836.5	Outer_Full	5.87	/	/	<=13	Pass
CP-OFDM QPSK	836.5	Outer_Full	8.72	/	/	<=13	Pass

4.2 Test Graph

4.2.1 15k_SISO_20MHz_NTNV



n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_836.5MHz_Outer_Full_Ant7



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
			Ant7	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	826.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	836.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM QPSK	826.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	836.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
CP-OFDM QPSK	826.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	836.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass

5.1.2 15k_SISO_15MHz_NTNV

5G NR n5 SCS=15kHz SISO 15MHz NTV							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant7	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	831.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	836.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM QPSK	831.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	836.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
CP-OFDM QPSK	831.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	836.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass

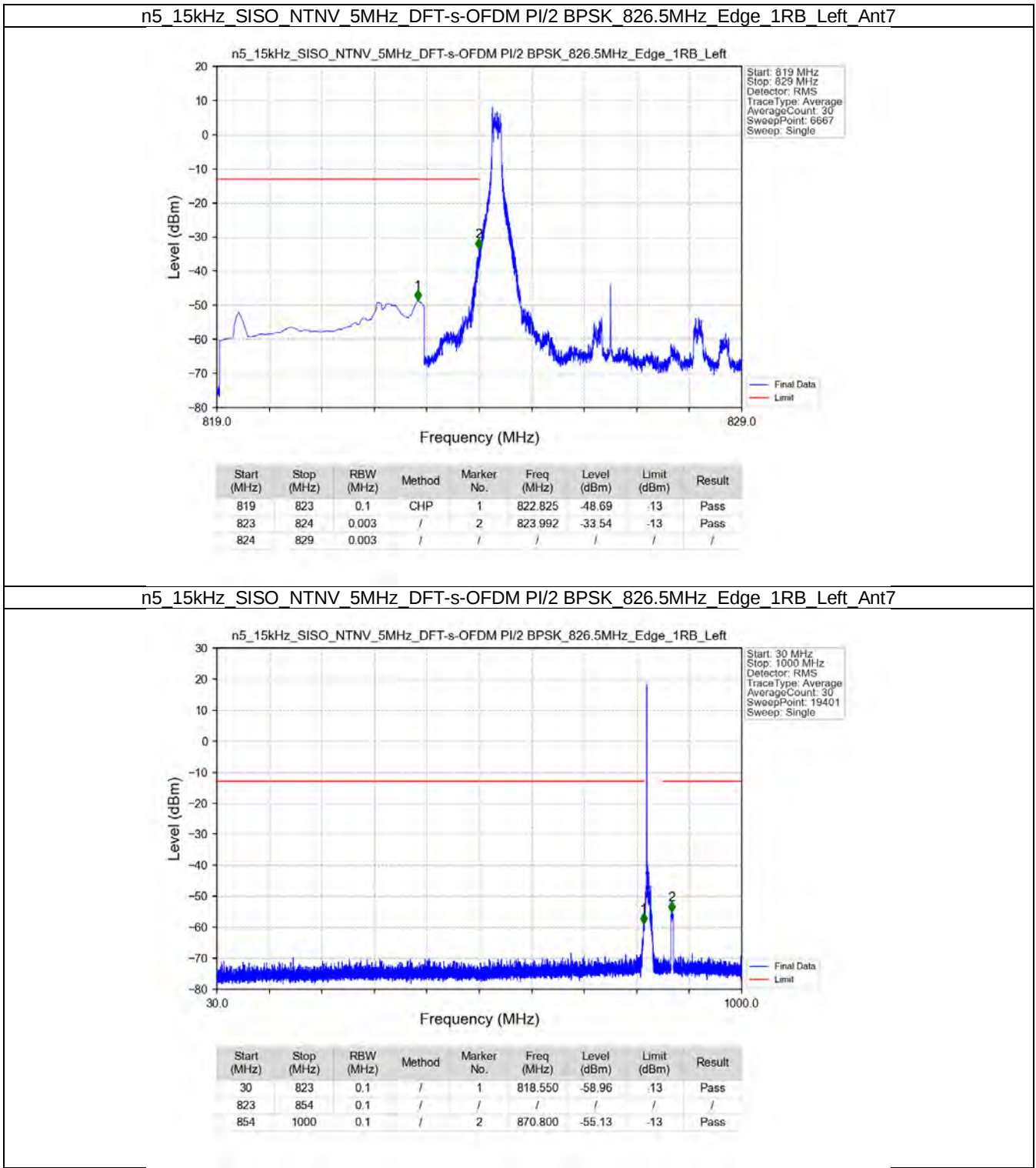
5.1.3 15k_SISO_20MHz_NTNV

5G NR n5 SCS=15kHz SISO 20MHz NTV							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant7	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	834	Edge 1RB Left	Refer To Test Graph				Pass

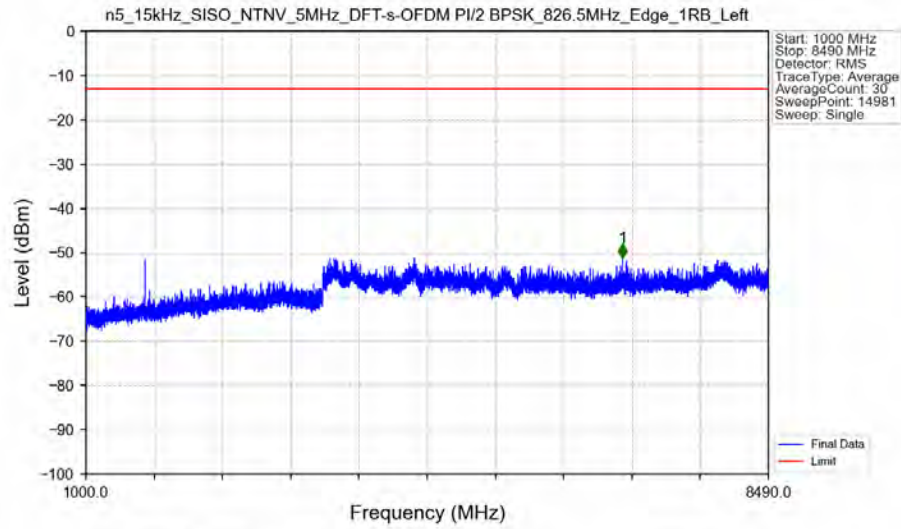
		Outer_Full	Refer To Test Graph	Pass
	836.5	Edge_1RB_Left	Refer To Test Graph	Pass
	839	Edge_1RB_Right	Refer To Test Graph	Pass
		Outer_Full	Refer To Test Graph	Pass
DFT-s-OFDM QPSK	834	Edge_1RB_Left	Refer To Test Graph	Pass
		Outer_Full	Refer To Test Graph	Pass
	836.5	Edge_1RB_Left	Refer To Test Graph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

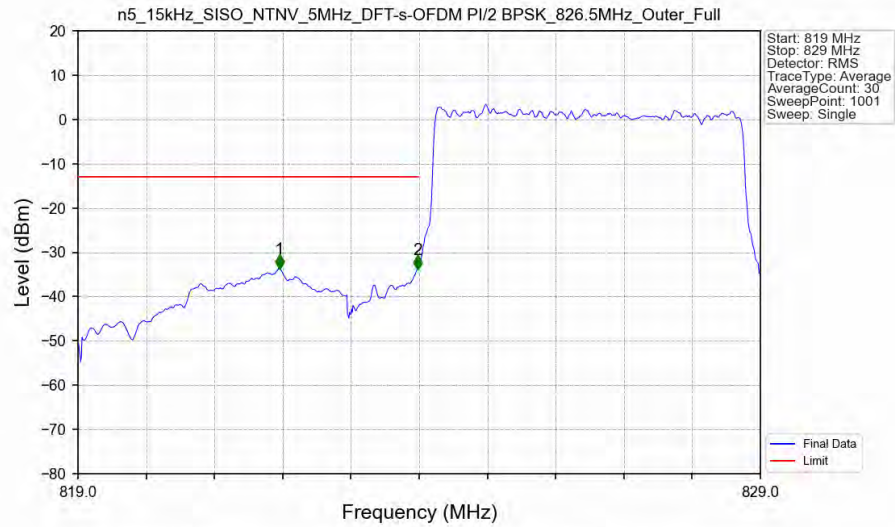


n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_826.5MHz_Edge_1RB_Left Ant7



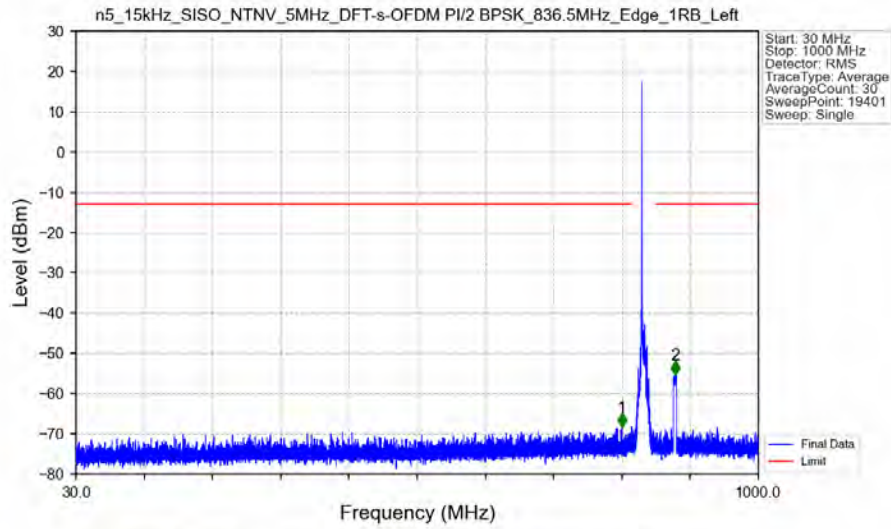
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	6890.500	-51.13	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_826.5MHz_Outer_Full Ant7

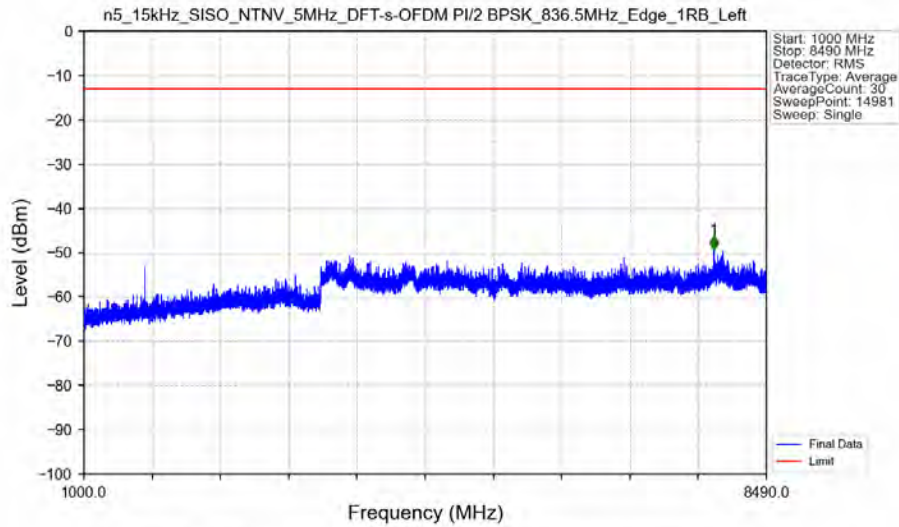


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	821.950	-33.67	-13	Pass
823	824	0.04987	CHP	2	823.980	-33.87	-13	Pass
824	829	0.04987	CHP	/	/	/	/	/

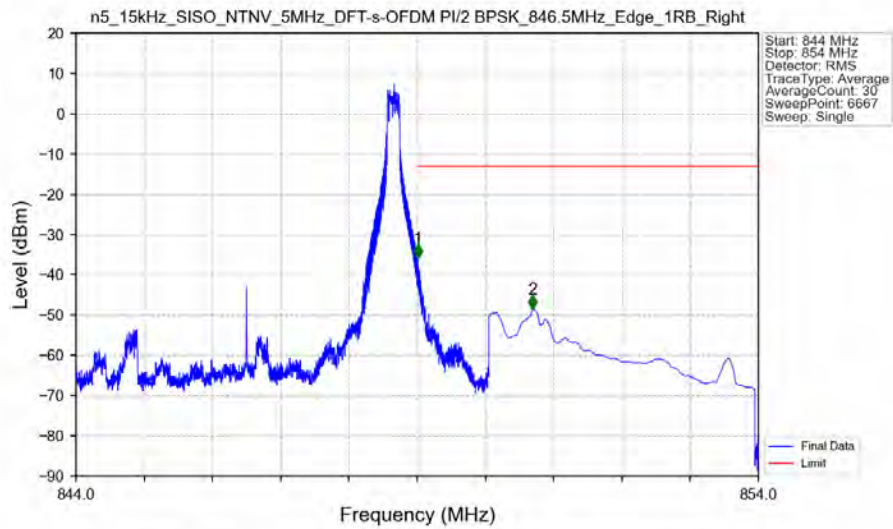
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_836.5MHz_Edge_1RB_Left_Ant7



n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_836.5MHz_Edge_1RB_Left_Ant7

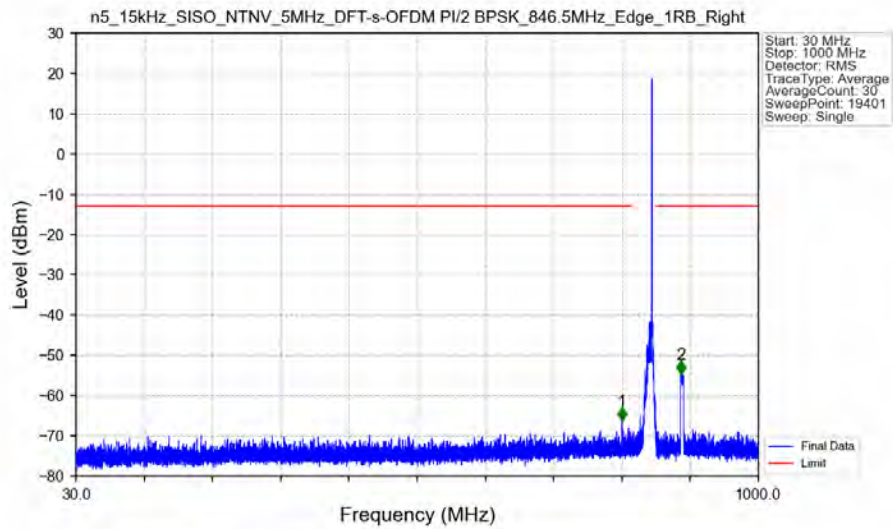


n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_846.5MHz_Edge_1RB_Right_Ant7



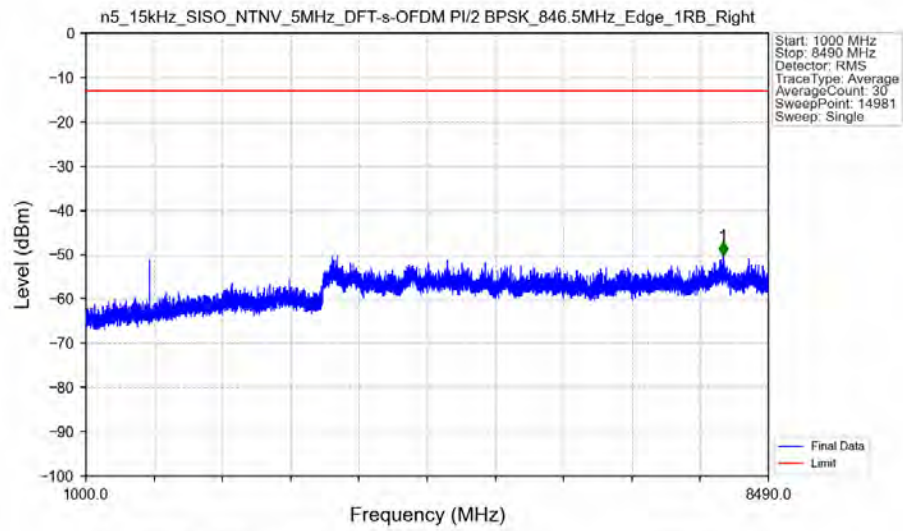
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.006	-35.86	-13	Pass
850	854	0.1	CHP	2	850.689	-48.45	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_846.5MHz_Edge_1RB_Right_Ant7

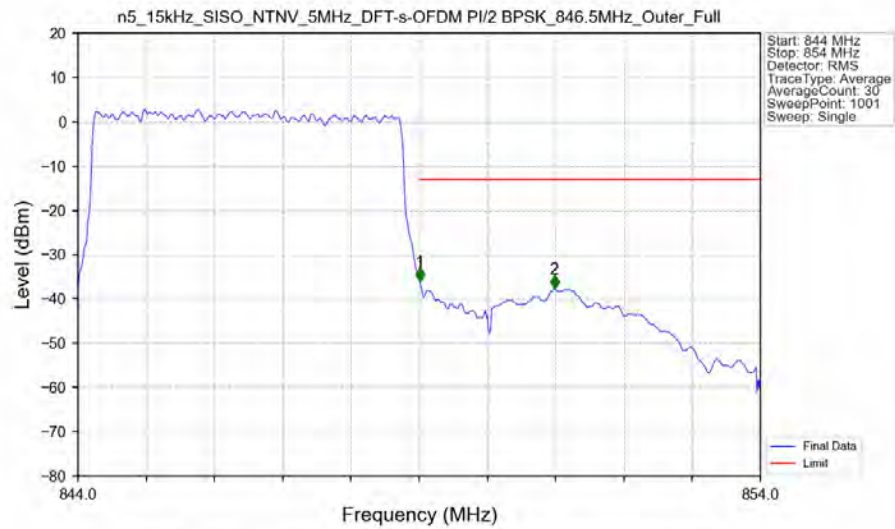


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	806.000	-66.35	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	889.850	-54.66	-13	Pass

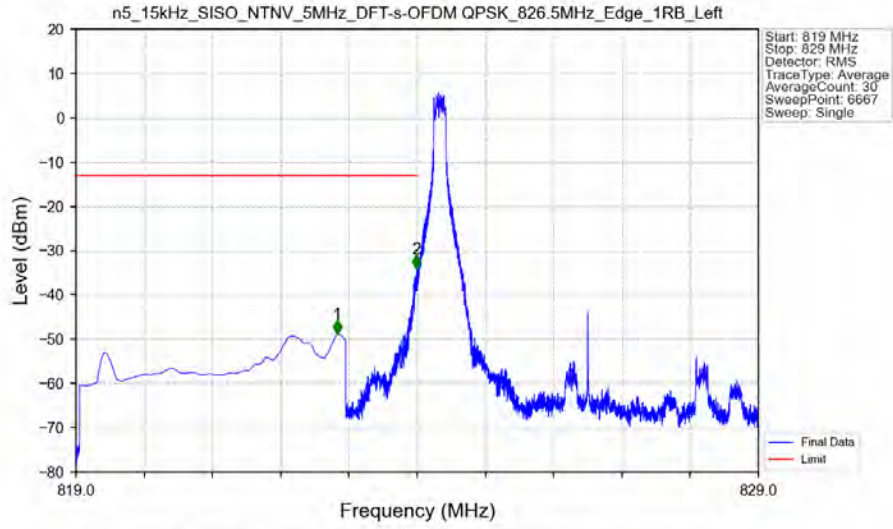
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_846.5MHz_Edge_1RB_Right_Ant7



n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_846.5MHz_Outer_Full_Ant7

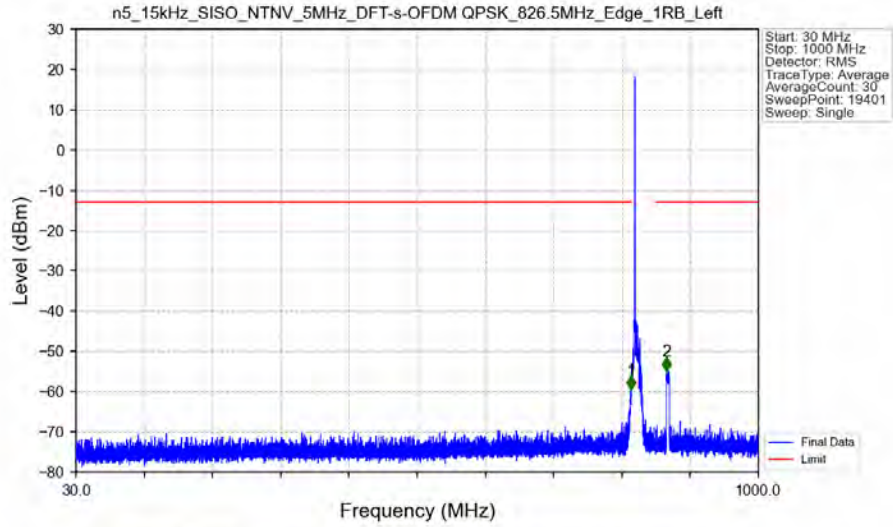


n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_826.5MHz_Edge_1RB_Left_Ant7



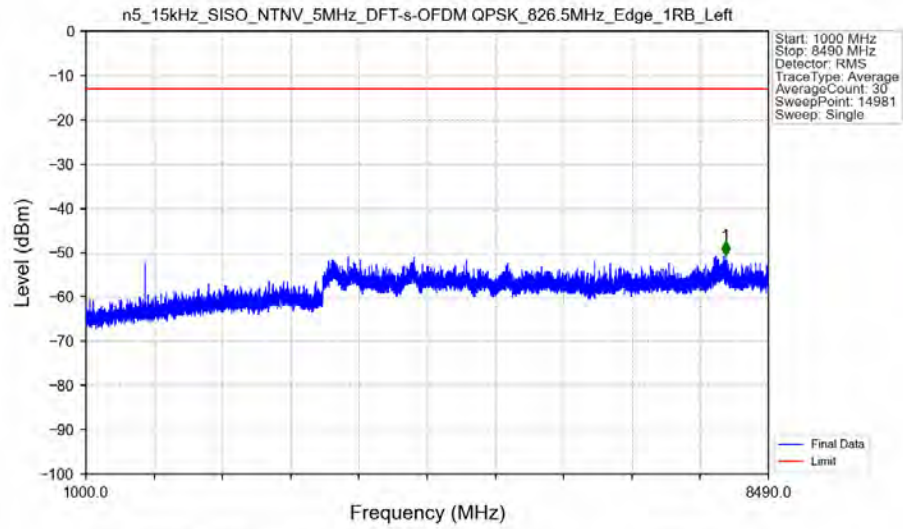
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.824	-48.78	-13	Pass
823	824	0.003	/	2	823.994	-34.04	-13	Pass
824	829	0.003	/	/	/	/	/	/

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_826.5MHz_Edge_1RB_Left_Ant7



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.950	-59.45	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	869.700	-54.97	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_826.5MHz_Edge_1RB_Left_Ant7



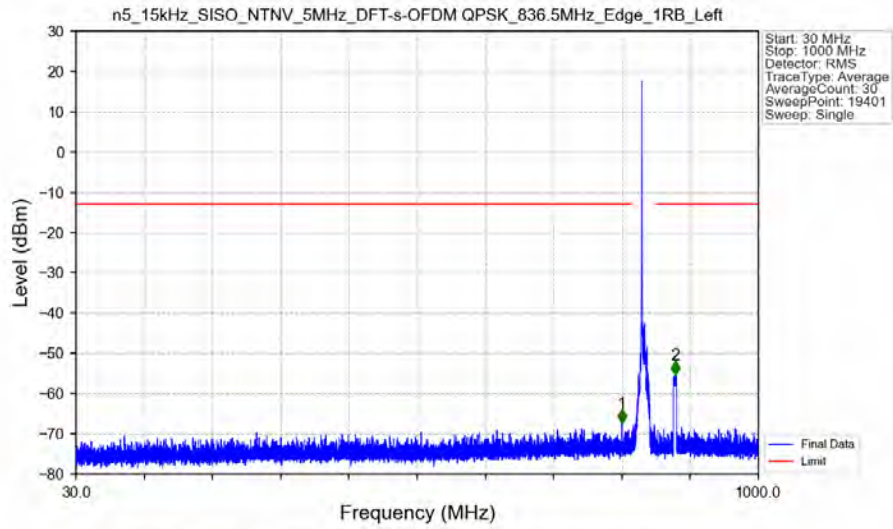
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	8018.000	-50.51	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_826.5MHz_Outer_Full_Ant7



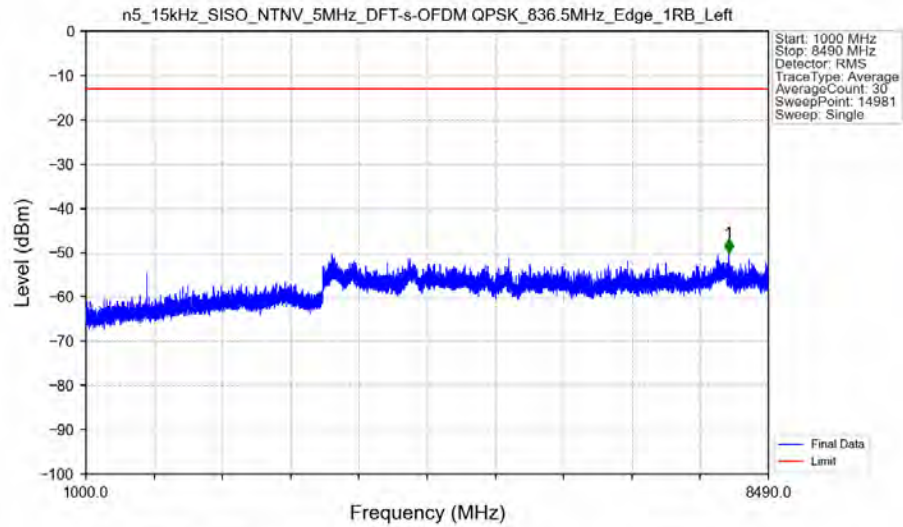
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.690	-34.65	-13	Pass
823	824	0.04976	CHP	2	823.990	-33.09	-13	Pass
824	829	0.04976	CHP	/	/	/	/	/

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant7



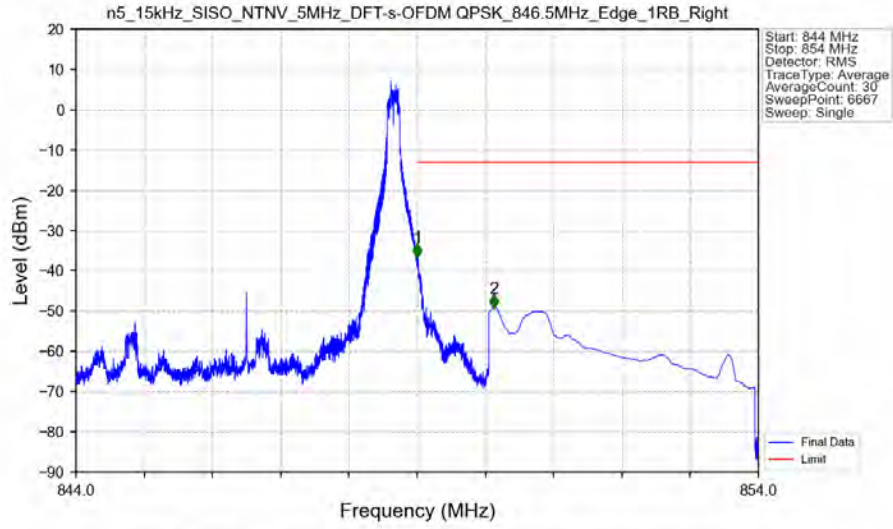
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	806.000	-67.33	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	882.250	-55.36	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant7

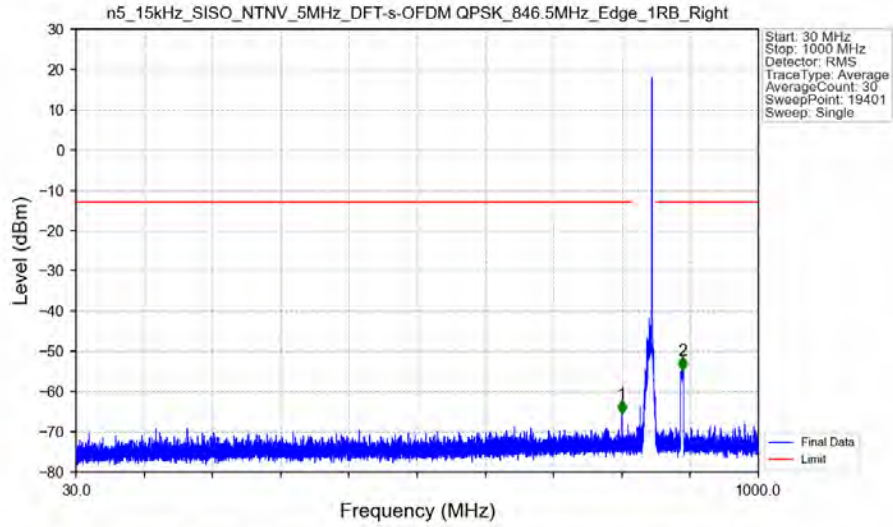


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	8054.000	-50.12	-13	Pass

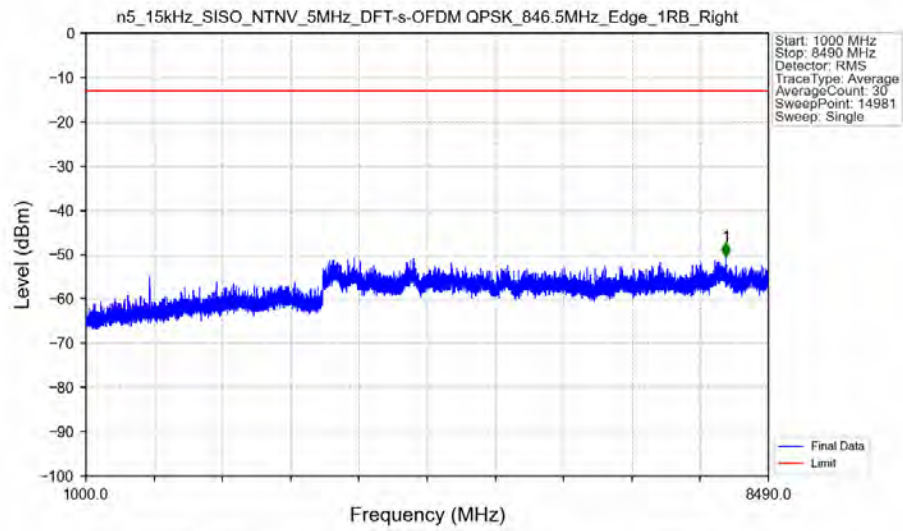
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_846.5MHz_Edge_1RB_Right Ant7



n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_846.5MHz_Edge_1RB_Right Ant7

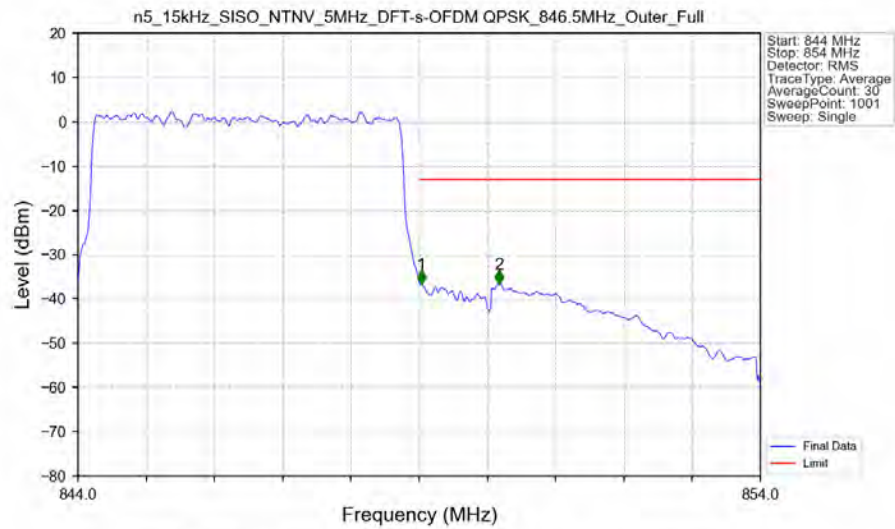


n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_846.5MHz_Edge_1RB_Right_Ant7



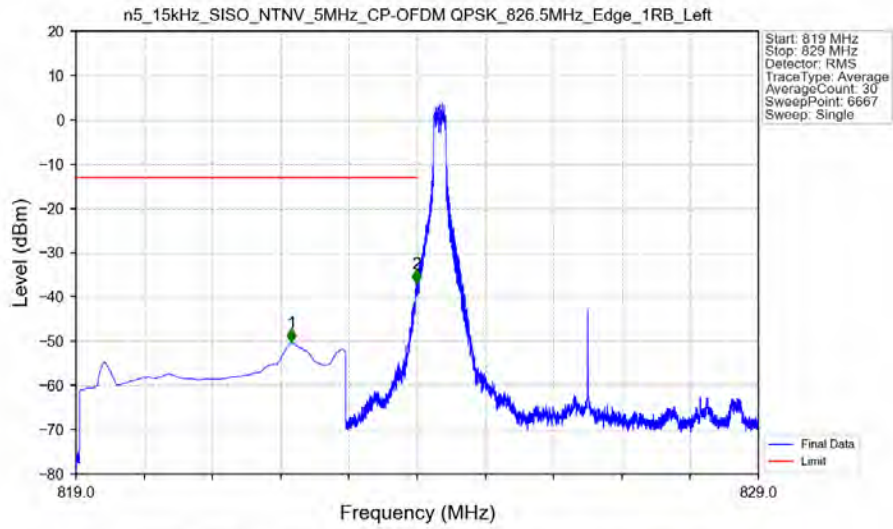
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	8024.500	-50.32	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_846.5MHz_Outer_Full_Ant7



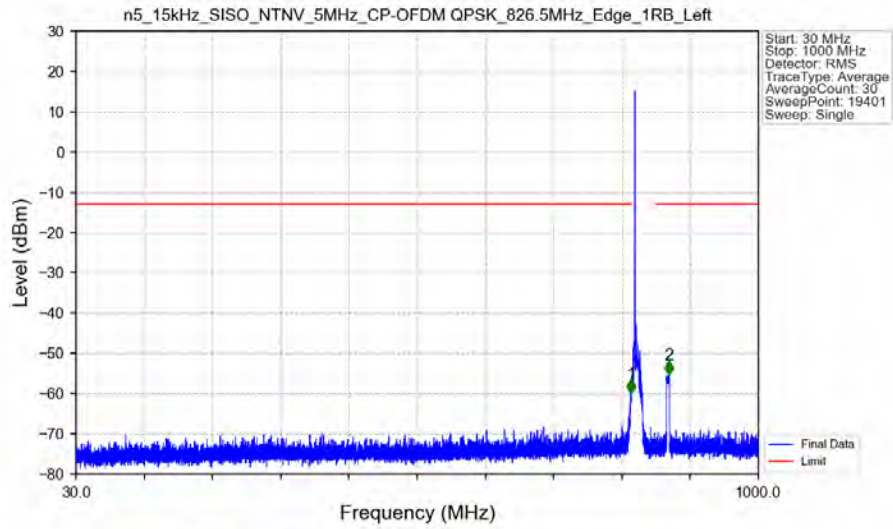
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.05008	CHP	/	/	/	/	/
849	850	0.05008	CHP	1	849.030	-36.68	-13	Pass
850	854	0.1	CHP	2	850.170	-36.62	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_826.5MHz_Edge_1RB_Left_Ant7



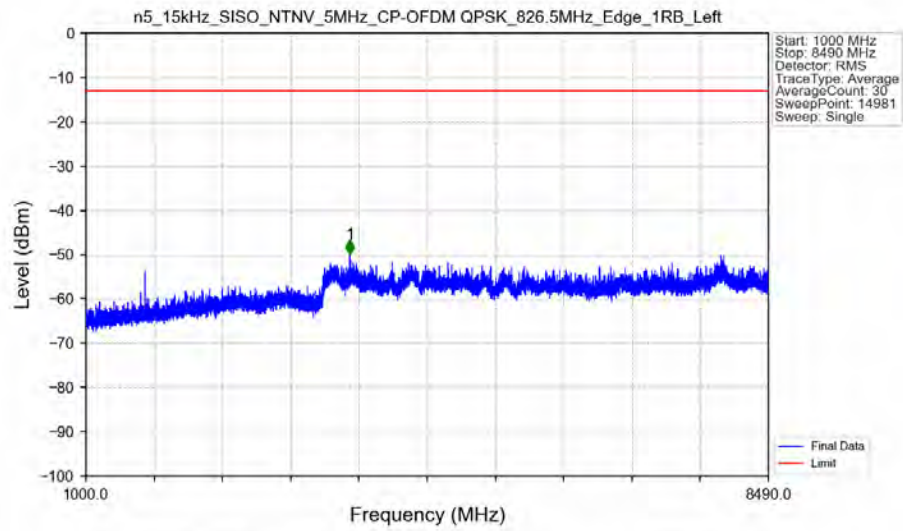
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.161	-50.34	-13	Pass
823	824	0.003	/	2	823.989	-36.99	-13	Pass
824	829	0.003	/	/	/	/	/	/

n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_826.5MHz_Edge_1RB_Left_Ant7

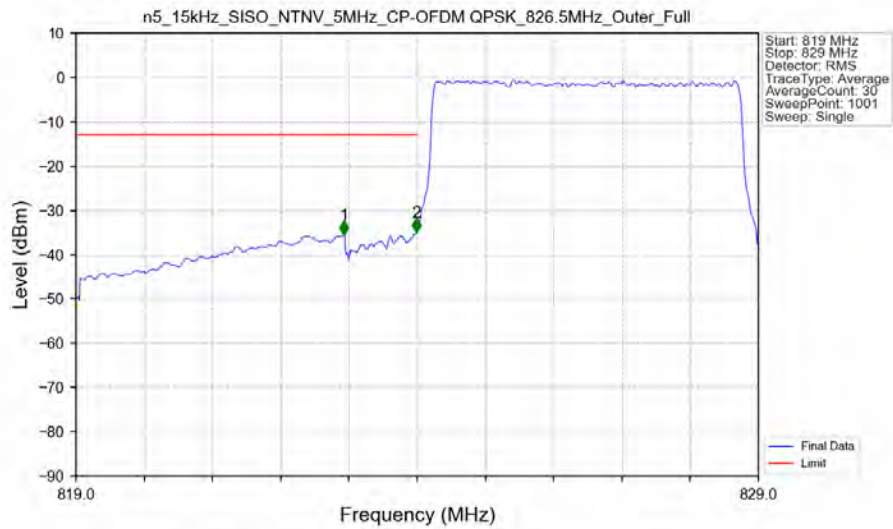


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.950	-59.97	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	873.100	-55.23	-13	Pass

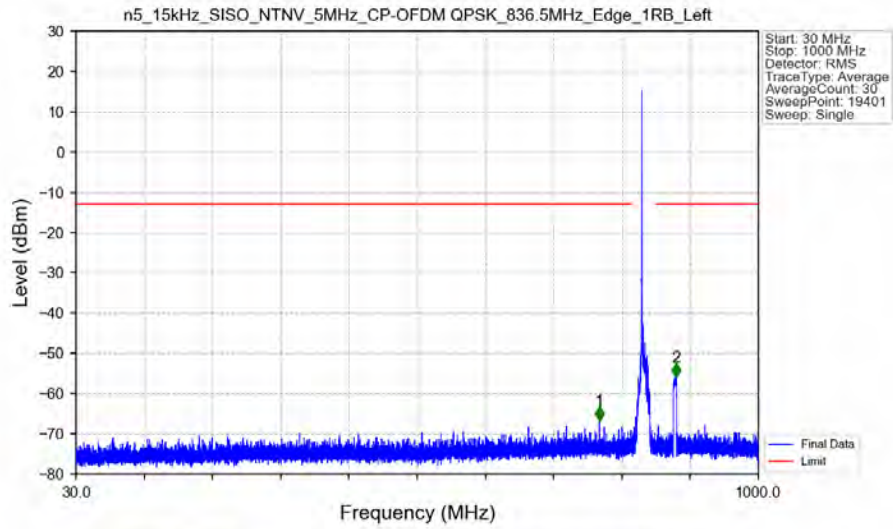
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_826.5MHz_Edge_1RB_Left Ant7



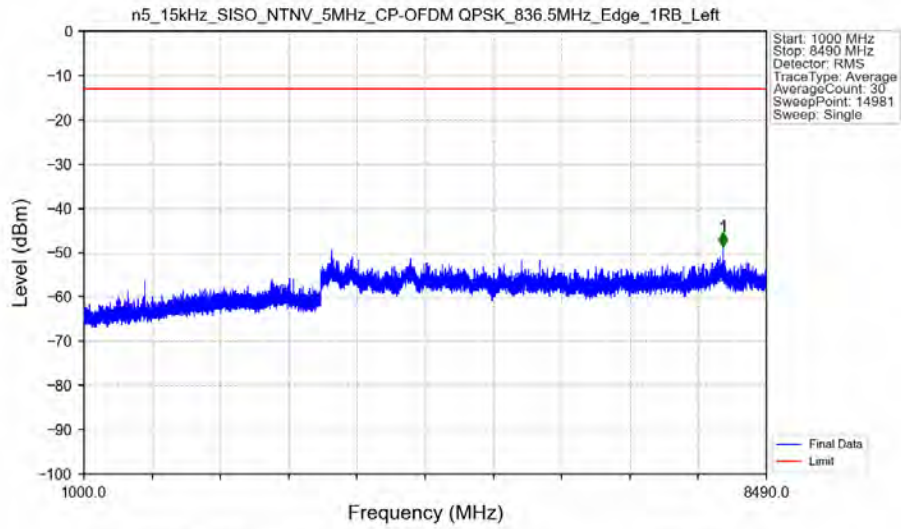
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_826.5MHz_Outer_Full_Ant7



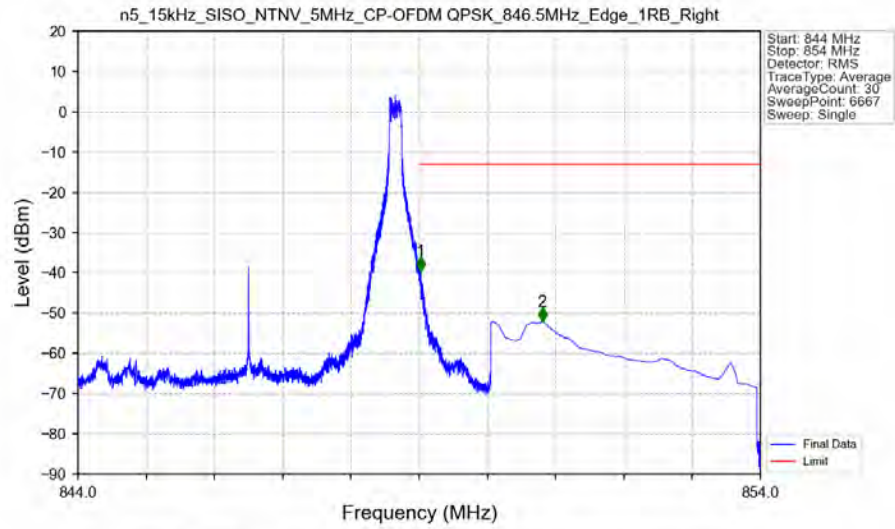
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant7



n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant7

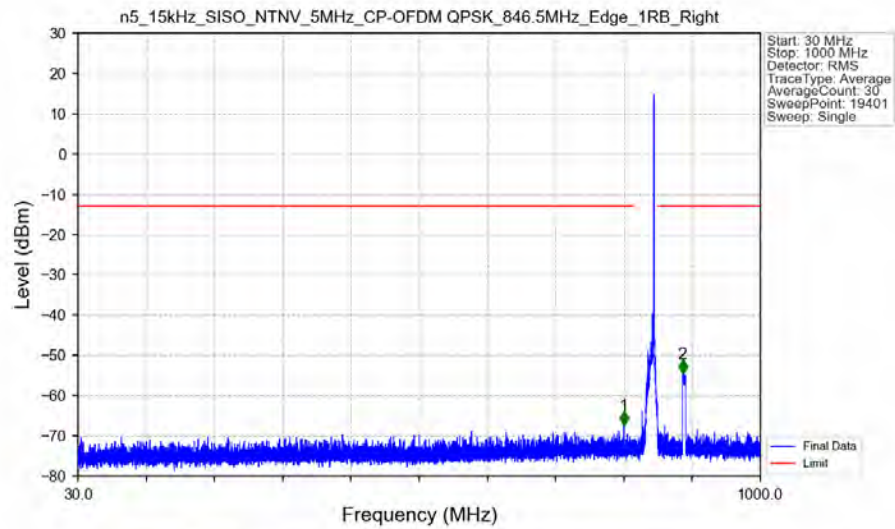


n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_846.5MHz_Edge_1RB_Right_Ant7



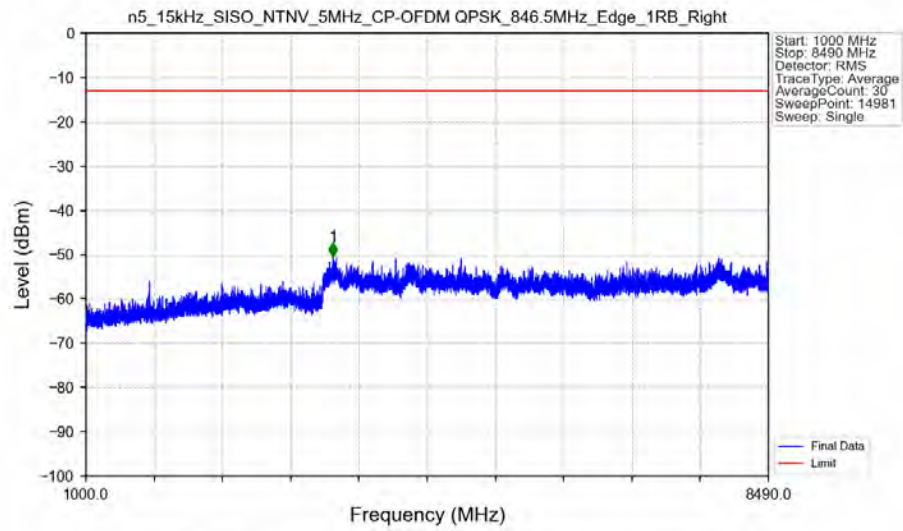
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.023	-39.46	-13	Pass
850	854	0.1	CHP	2	850.803	-52.03	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_846.5MHz_Edge_1RB_Right_Ant7



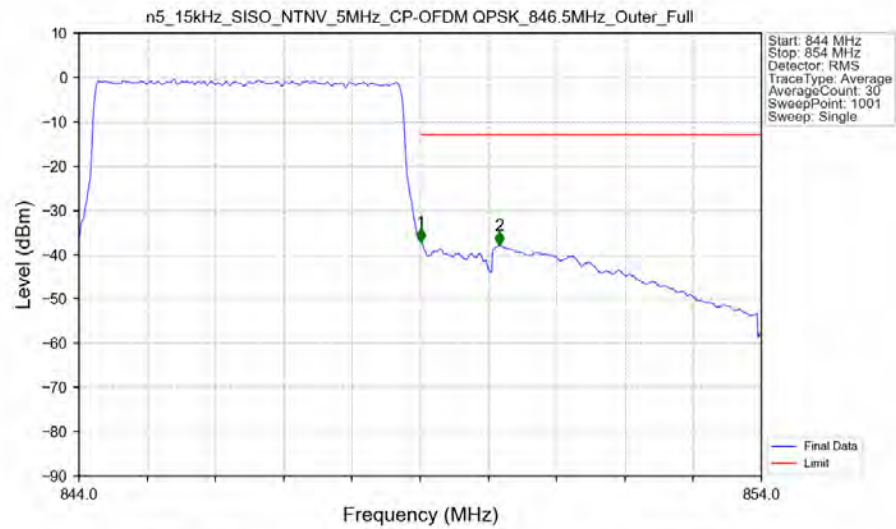
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	806.000	-67.35	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	889.550	-54.54	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_846.5MHz_Edge_1RB_Right_Ant7



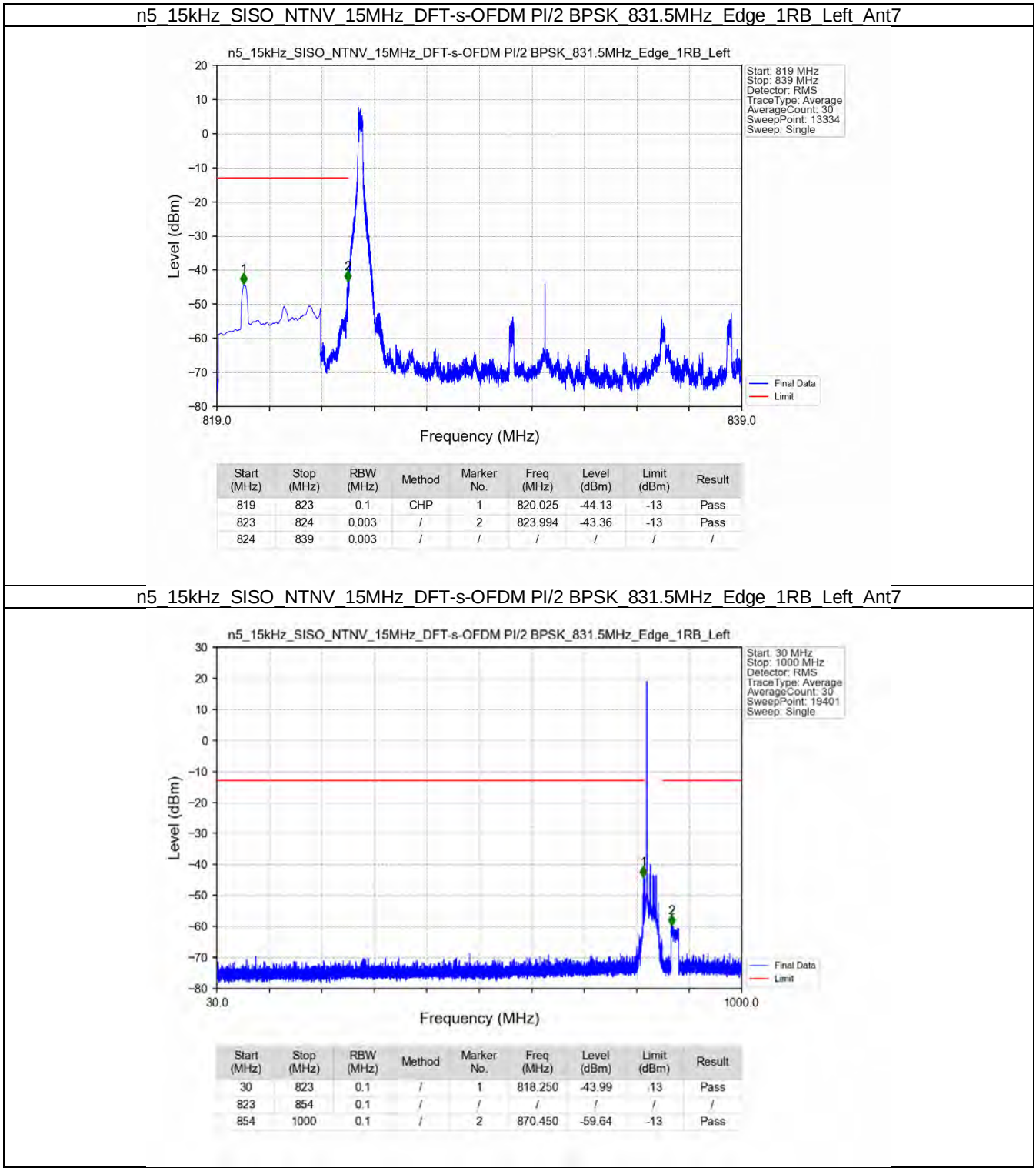
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	3711.500	-50.34	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_846.5MHz_Outer_Full_Ant7

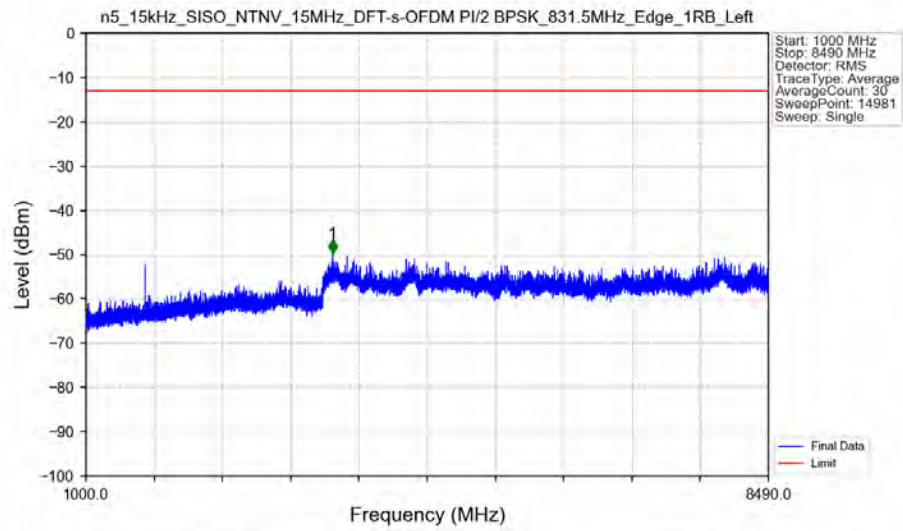


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.04972	CHP	/	/	/	/	/
849	850	0.04972	CHP	1	849.010	-37.16	-13	Pass
850	854	0.1	CHP	2	850.160	-37.92	-13	Pass

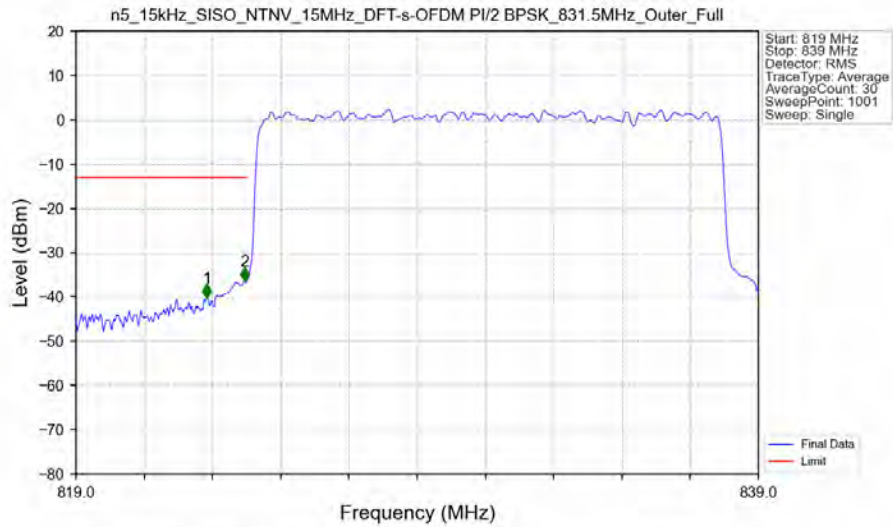
5.2.2 15k_SISO_15MHz_NTNV



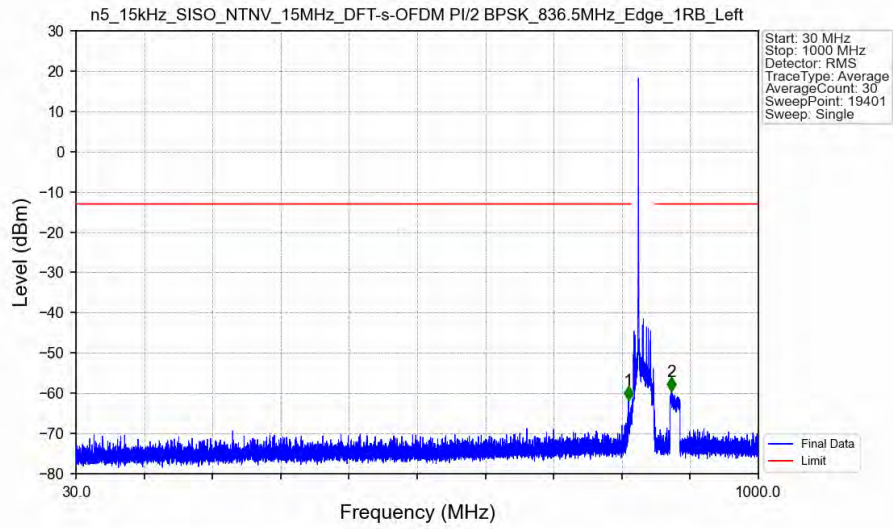
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_831.5MHz_Edge_1RB_Left_Ant7



n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_831.5MHz_Outer_Full_Ant7

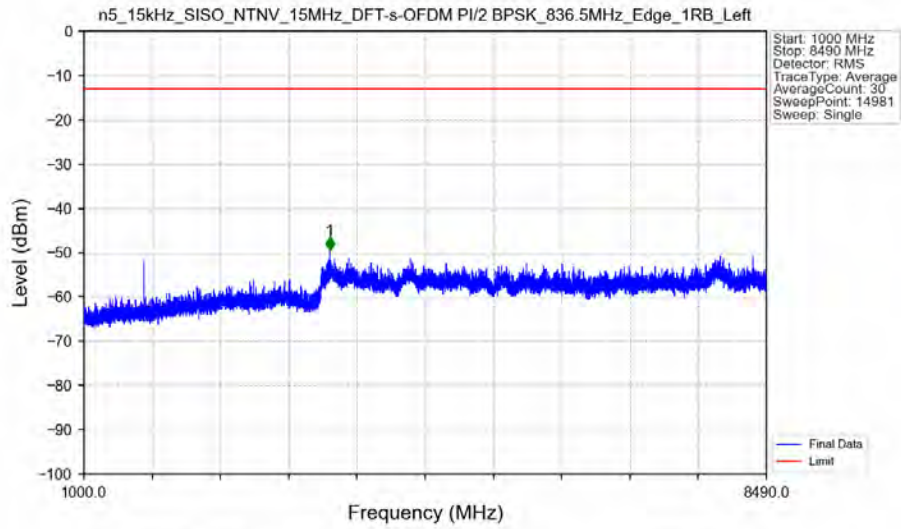


n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_836.5MHz_Edge_1RB_Left_Ant7



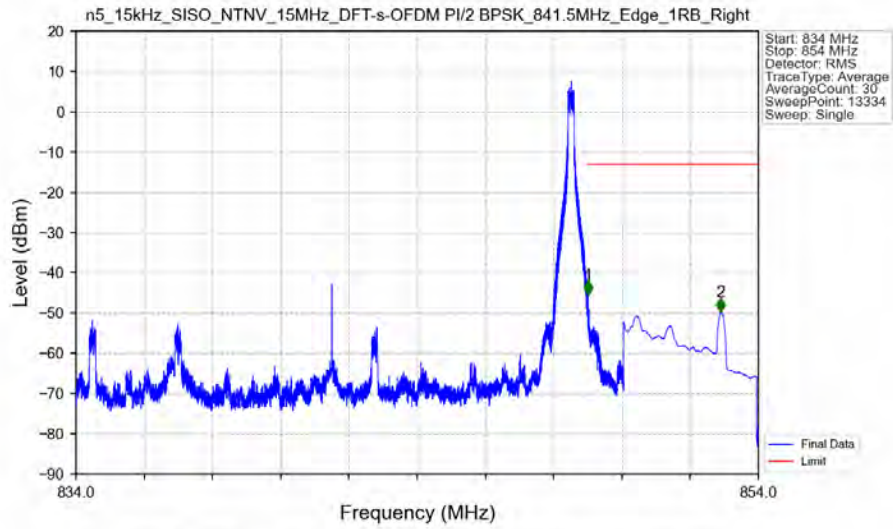
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	815.400	-61.78	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	876.350	-59.52	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_836.5MHz_Edge_1RB_Left_Ant7



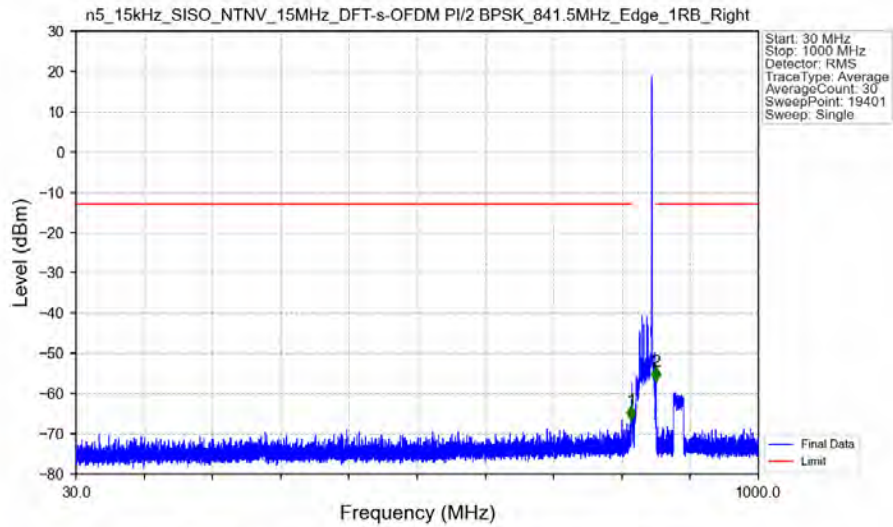
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	3697.000	-49.41	-13	Pass

n5 15kHz SISO NTN 15MHz DFT-s-OFDM PI/2 BPSK 841.5MHz Edge 1RB Right Ant7



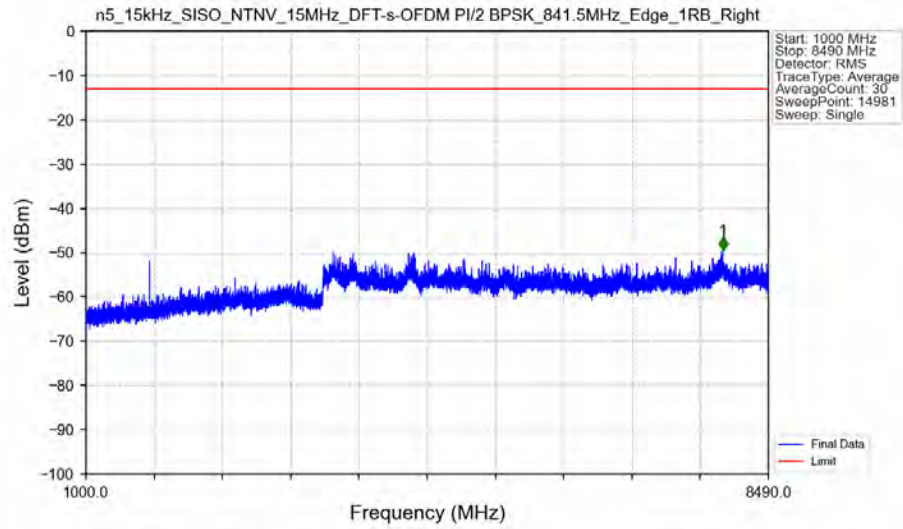
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.005	-45.51	-13	Pass
850	854	0.1	CHP	2	852.885	-49.73	-13	Pass

n5 15kHz SISO NTN 15MHz DFT-s-OFDM PI/2 BPSK 841.5MHz Edge 1RB Right Ant7



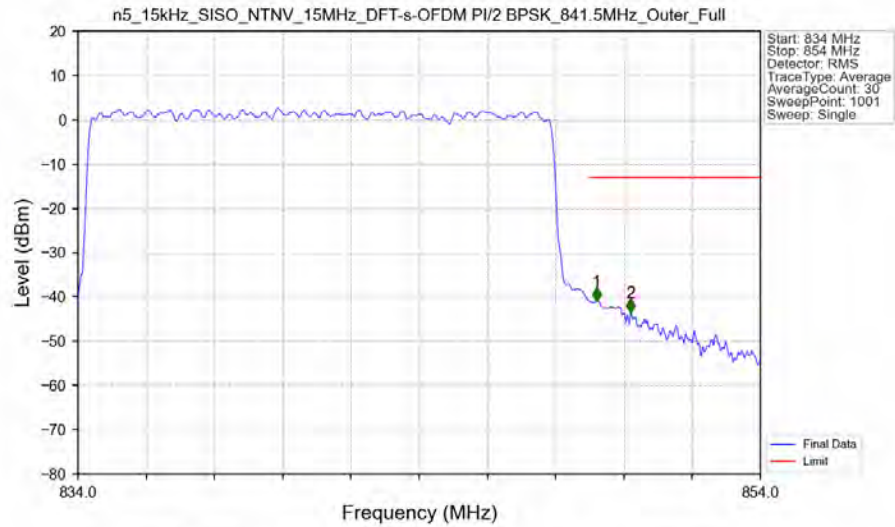
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.950	-66.57	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	854.750	-56.83	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_841.5MHz_Edge_1RB_Right Ant7



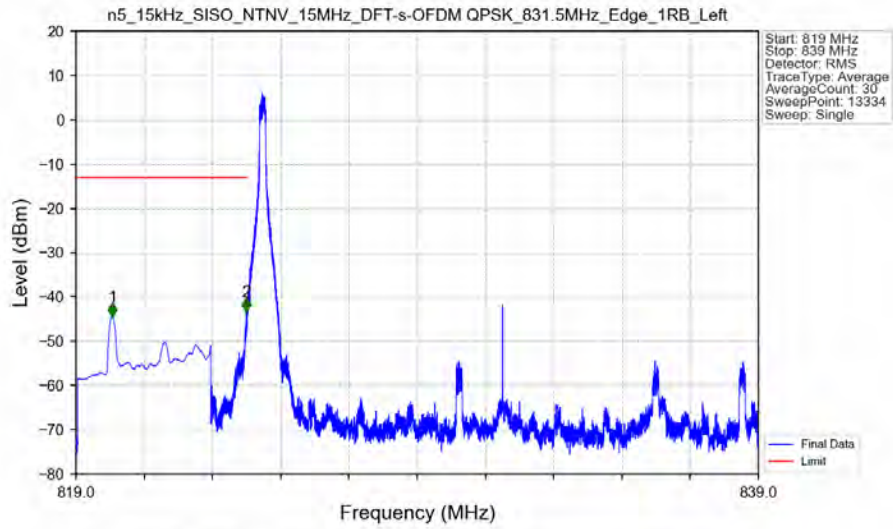
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	7990.000	-49.45	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_841.5MHz_Outer_Full_Ant7



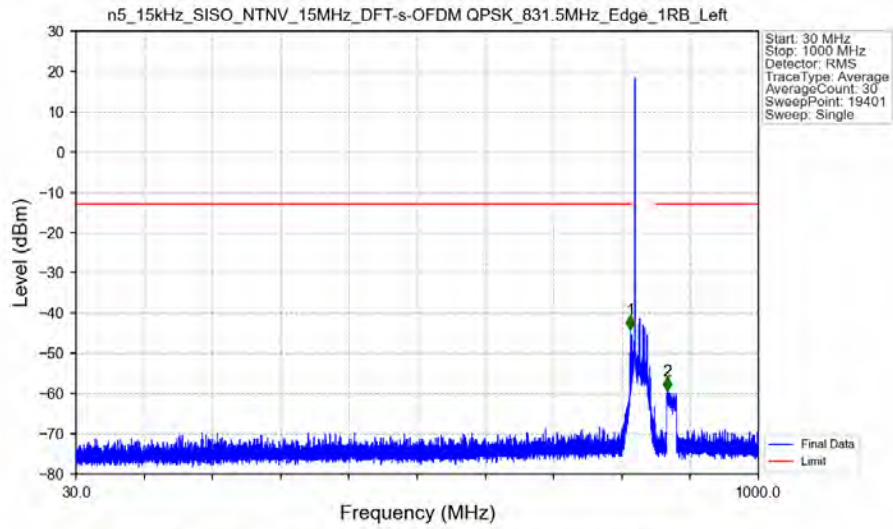
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.15308	CHP	/	/	/	/	/
849	850	0.15308	CHP	1	849.200	-40.99	-13	Pass
850	854	0.1	/	2	850.200	-43.50	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_831.5MHz_Edge_1RB_Left_Ant7



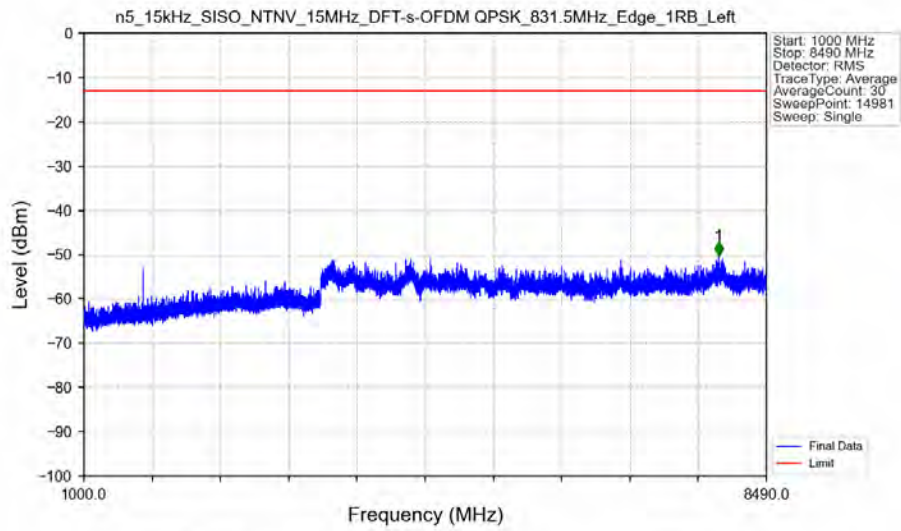
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	820.074	-44.47	-13	Pass
823	824	0.003	/	2	823.994	-43.41	-13	Pass
824	839	0.003	/	/	/	/	/	/

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_831.5MHz_Edge_1RB_Left_Ant7



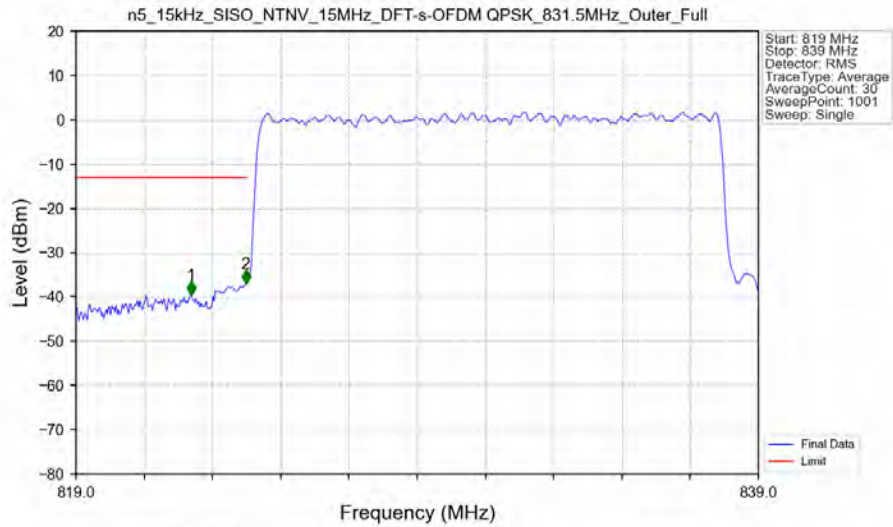
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.250	-44.01	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	871.000	-59.36	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_831.5MHz_Edge_1RB_Left Ant7



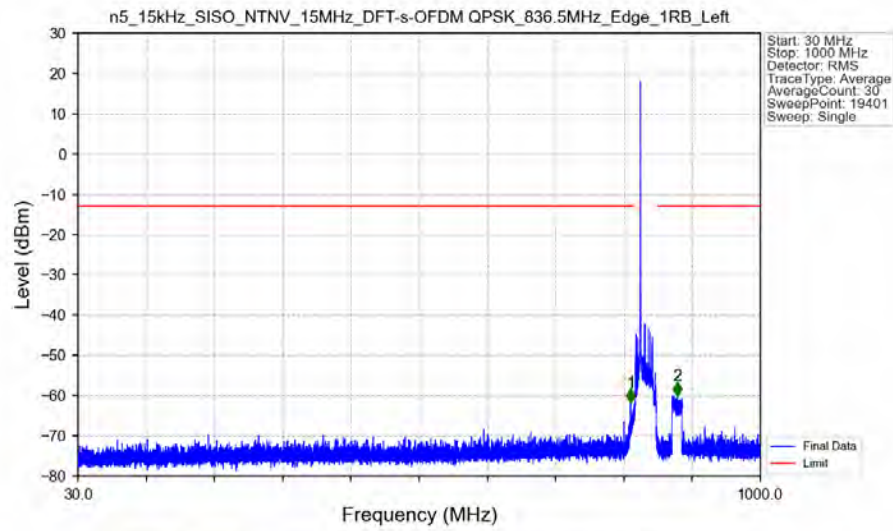
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	7966.000	-50.23	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_831.5MHz_Outer_Full Ant7

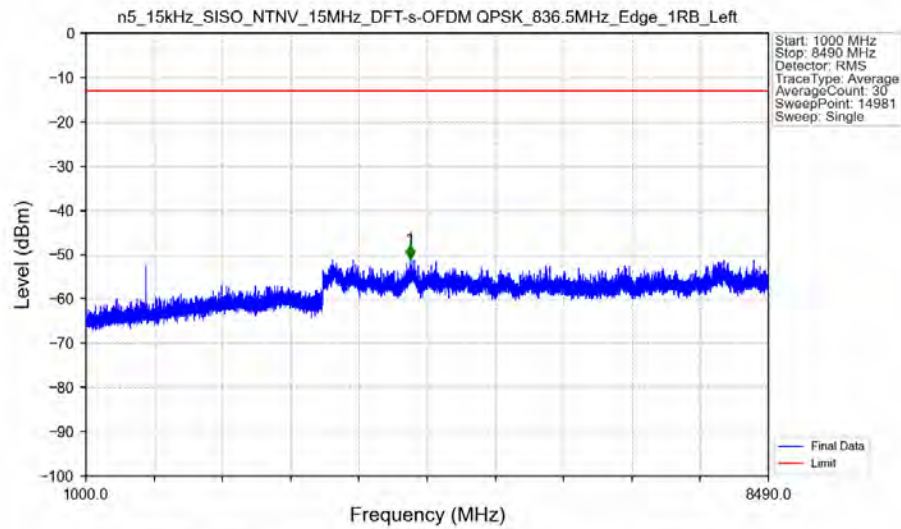


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	/	1	822.380	-39.53	-13	Pass
823	824	0.14592	CHP	2	823.980	-37.03	-13	Pass
824	839	0.14592	CHP	/	/	/	/	/

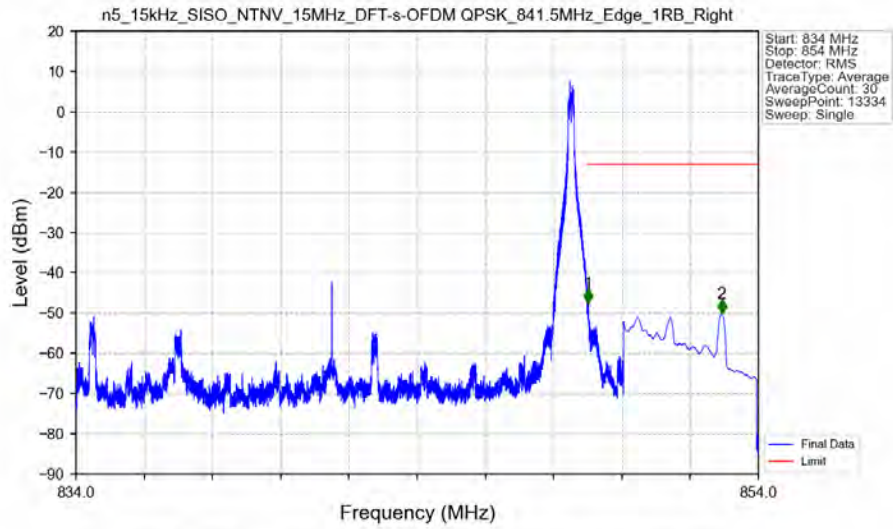
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant7



n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant7

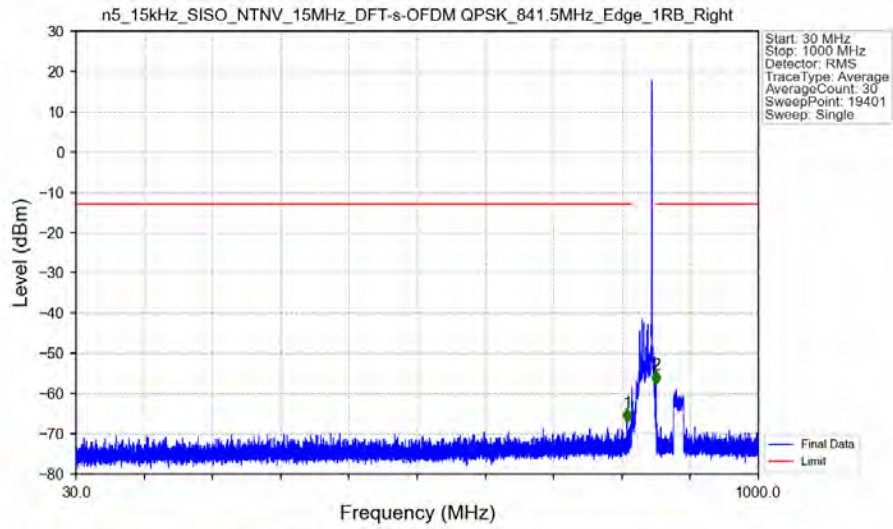


n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_841.5MHz_Edge_1RB_Right_Ant7



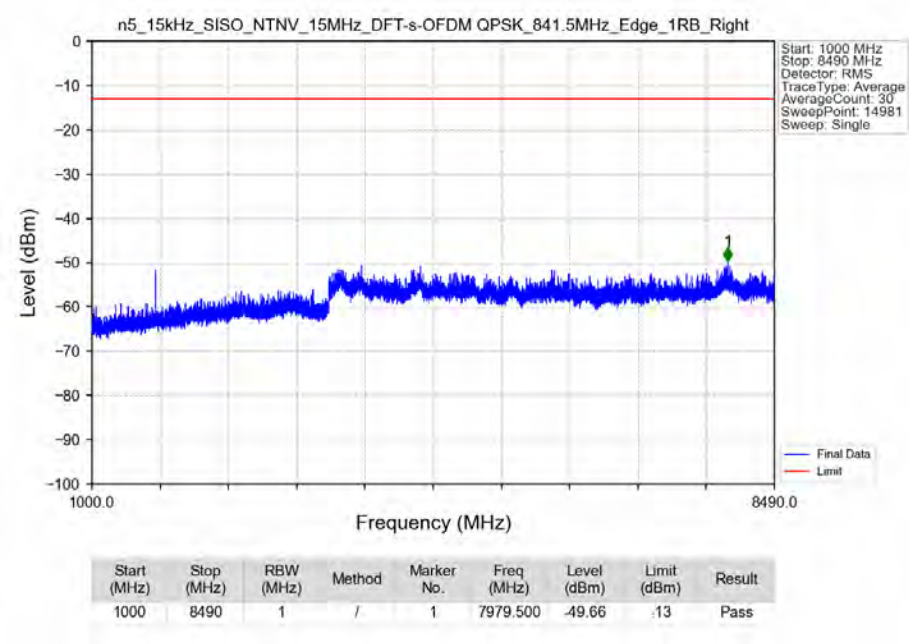
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.011	-47.42	-13	Pass
850	854	0.1	CHP	2	852.927	-50.07	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_841.5MHz_Edge_1RB_Right_Ant7

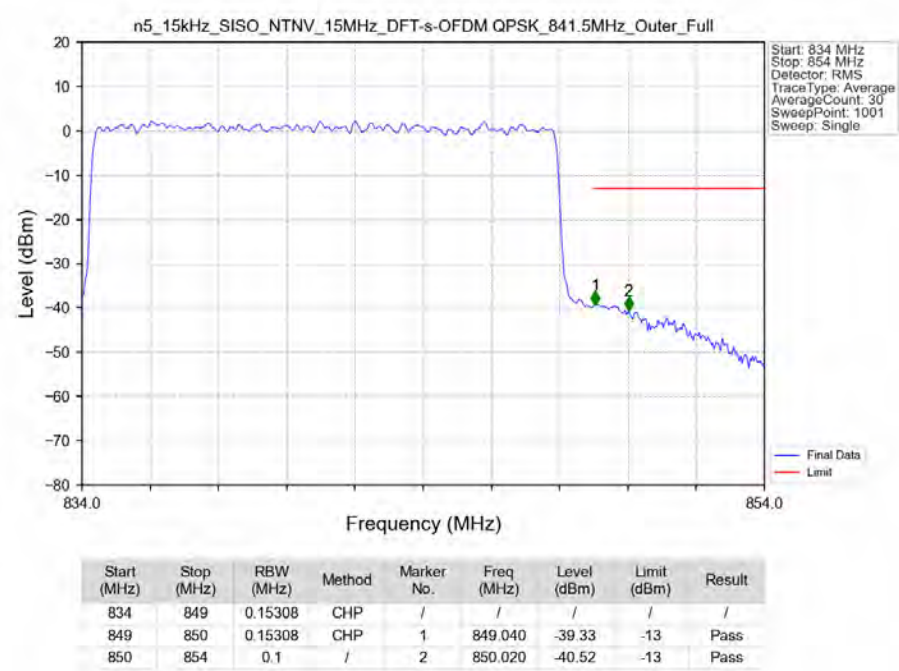


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	813.300	-67.16	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	854.700	-57.70	-13	Pass

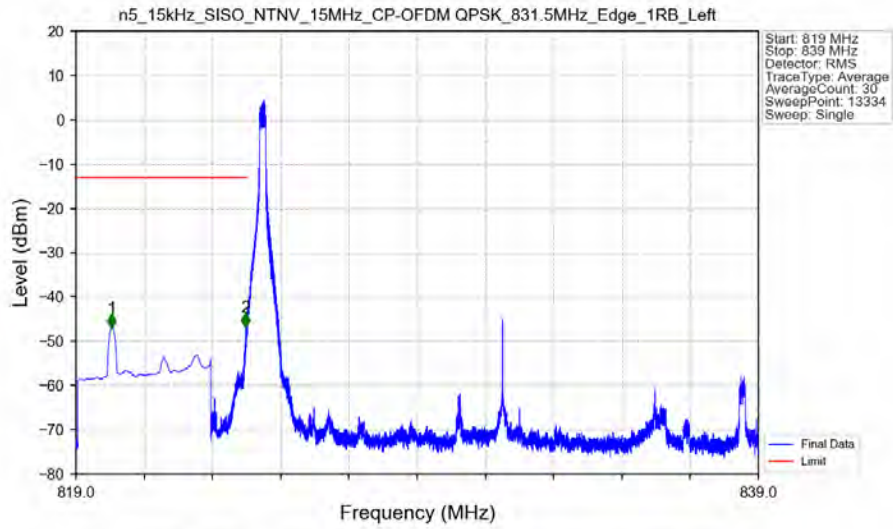
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_841.5MHz_Edge_1RB_Ant7



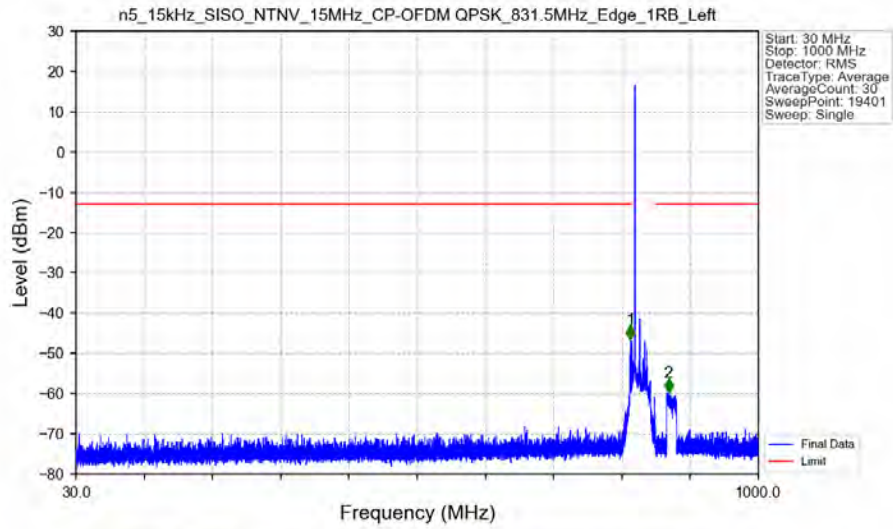
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_841.5MHz_Outer_Full_Ant7



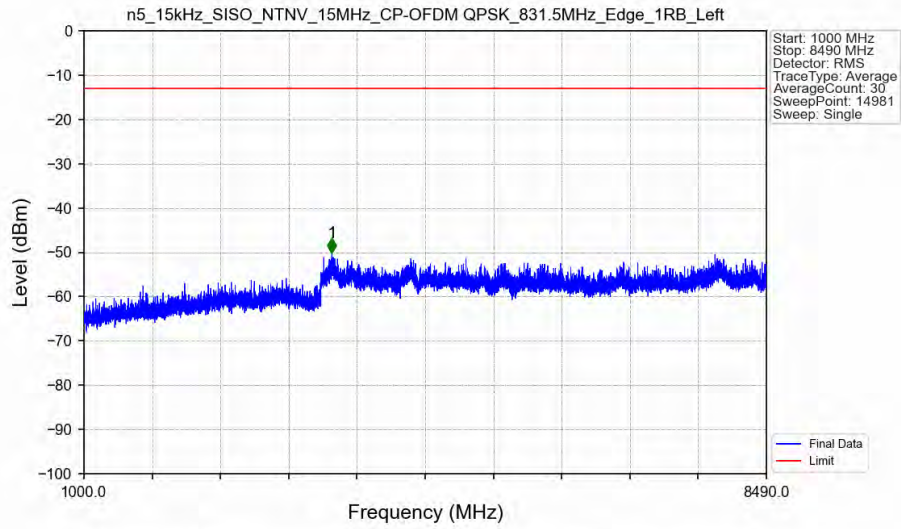
n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_831.5MHz_Edge_1RB_Left_Ant7



n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_831.5MHz_Edge_1RB_Left_Ant7

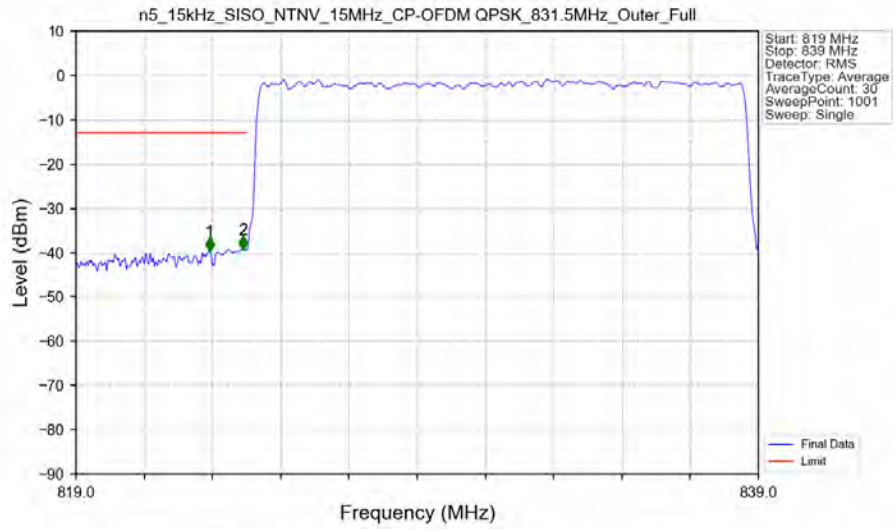


n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_831.5MHz_Edge_1RB_Left_Ant7



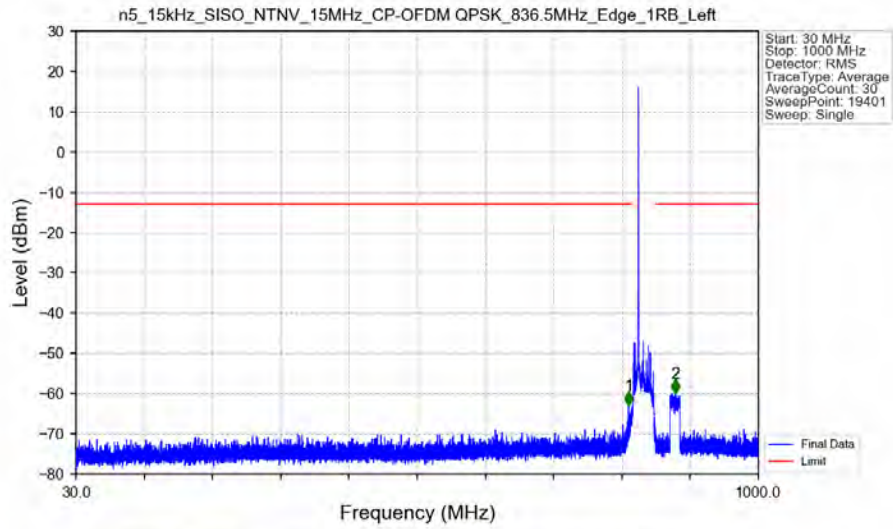
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	3721.500	-50.10	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_831.5MHz_Outer_Full_Ant7

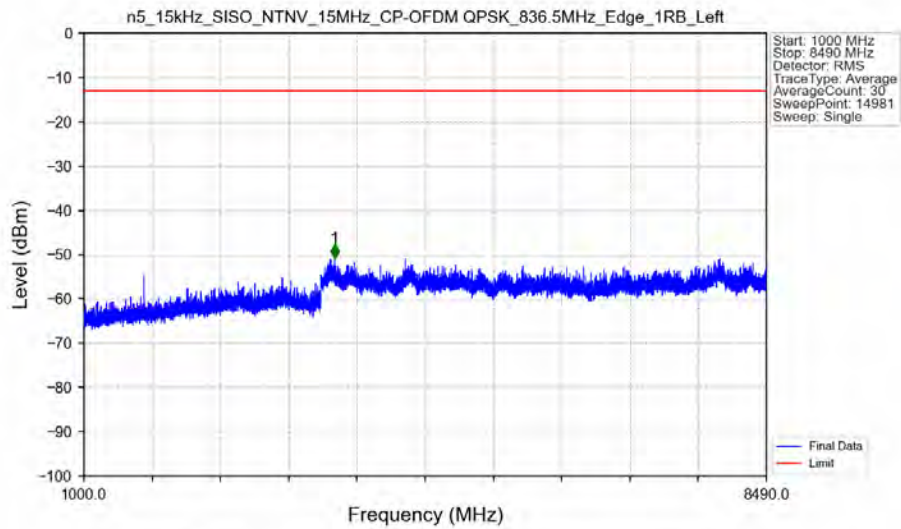


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	/	1	822.920	-39.66	-13	Pass
823	824	0.14547	CHP	2	823.900	-39.23	-13	Pass
824	839	0.14547	CHP	/	/	/	/	/

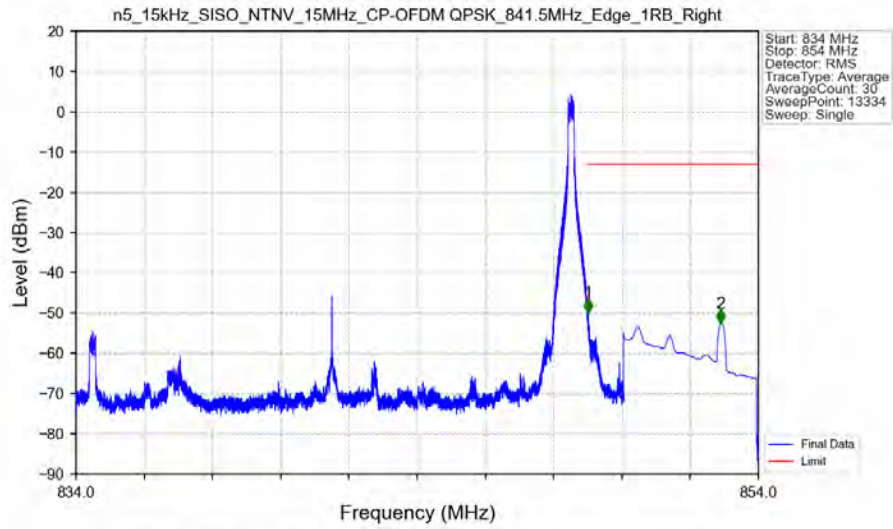
n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant7



n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant7

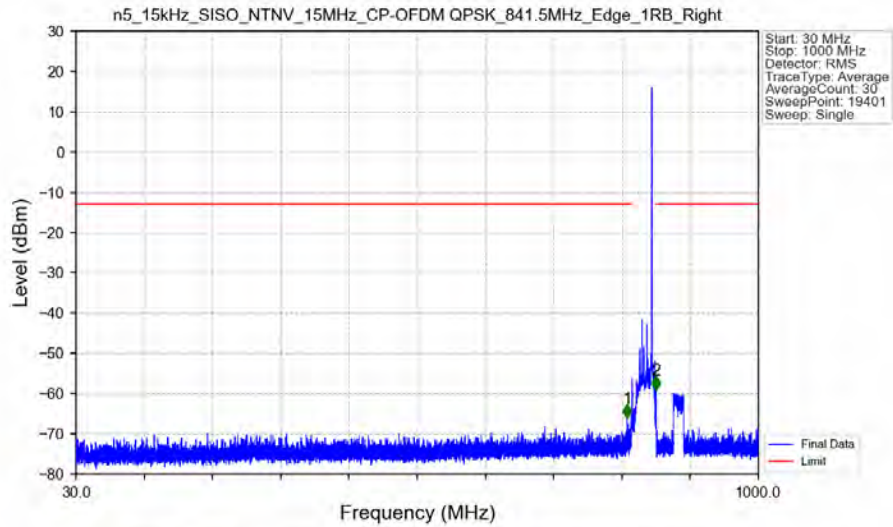


n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_841.5MHz_Edge_1RB_Right_Ant7



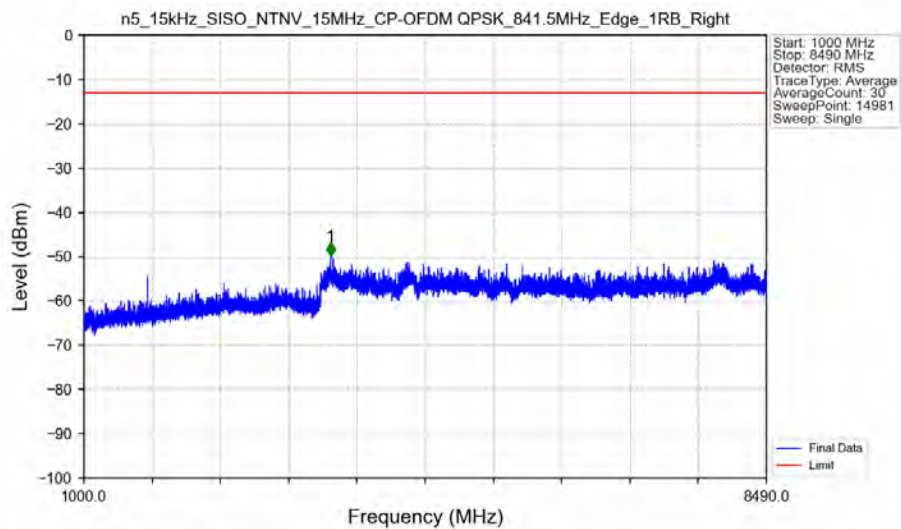
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.009	-49.89	-13	Pass
850	854	0.1	CHP	2	852.884	-52.45	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_841.5MHz_Edge_1RB_Right_Ant7

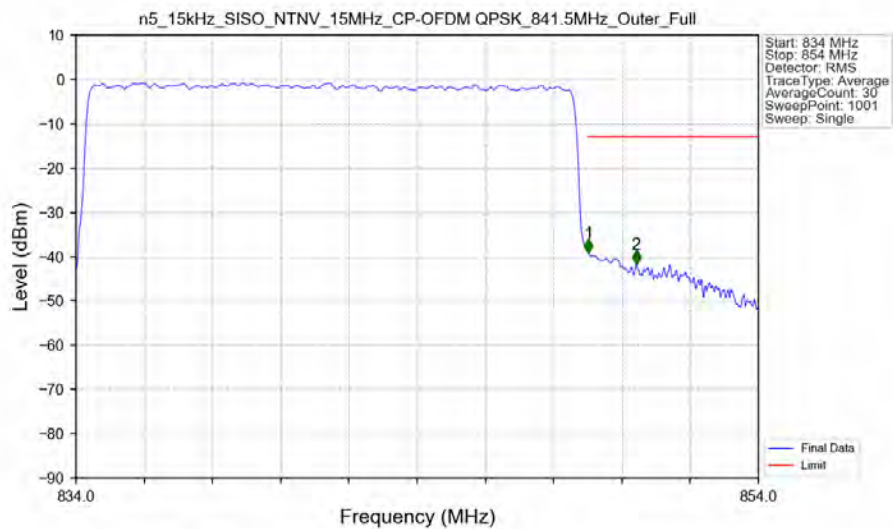


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	813.450	-66.15	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	854.750	-59.12	-13	Pass

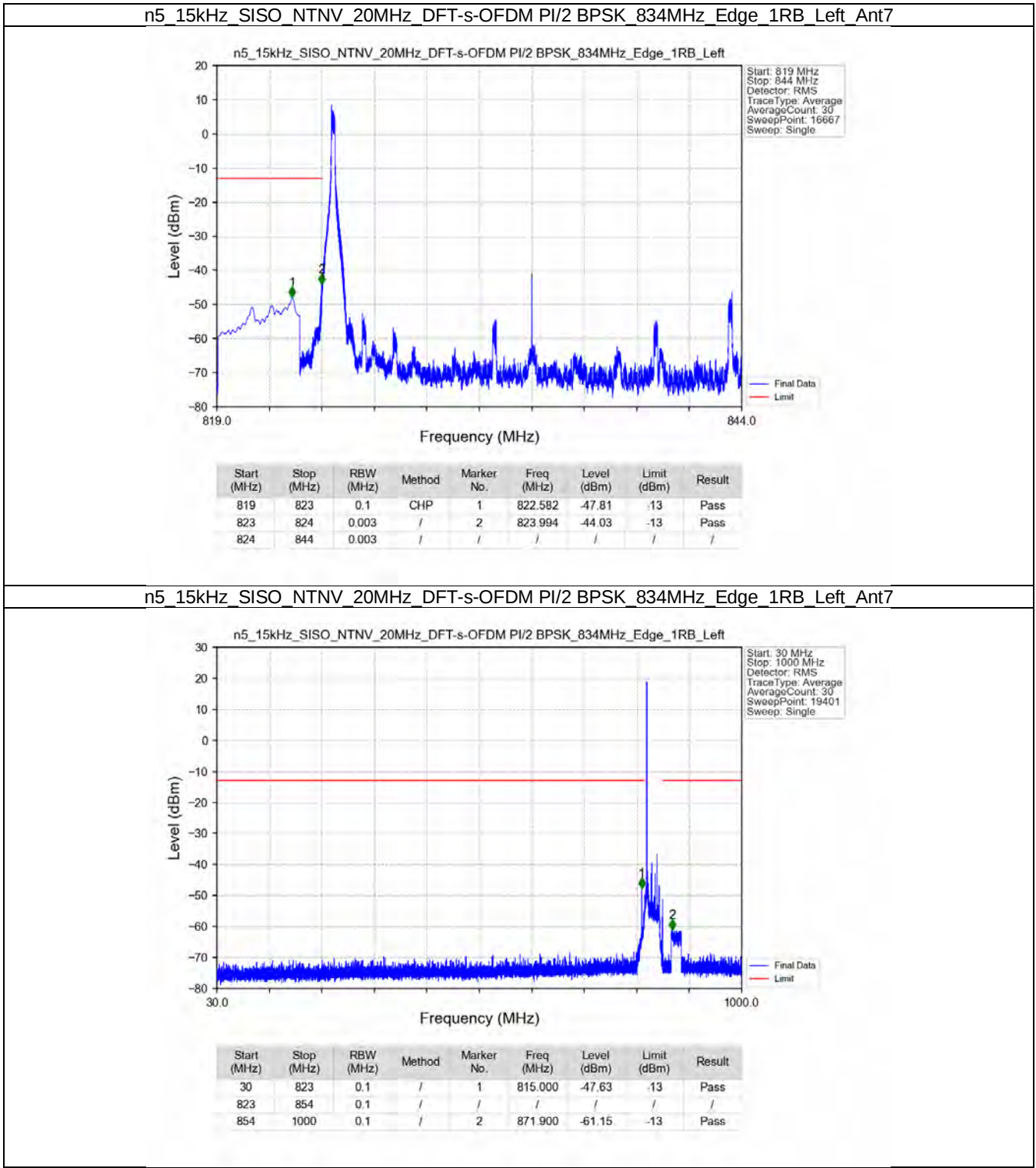
n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_841.5MHz_Edge_1RB_Right_Ant7



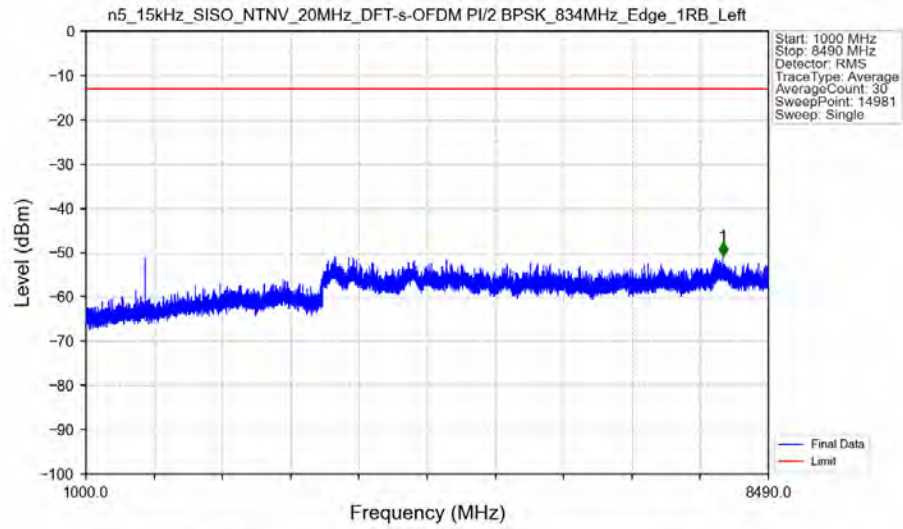
n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_841.5MHz_Outer_Full_Ant7



5.2.3 15k_SISO_20MHz_NTNV

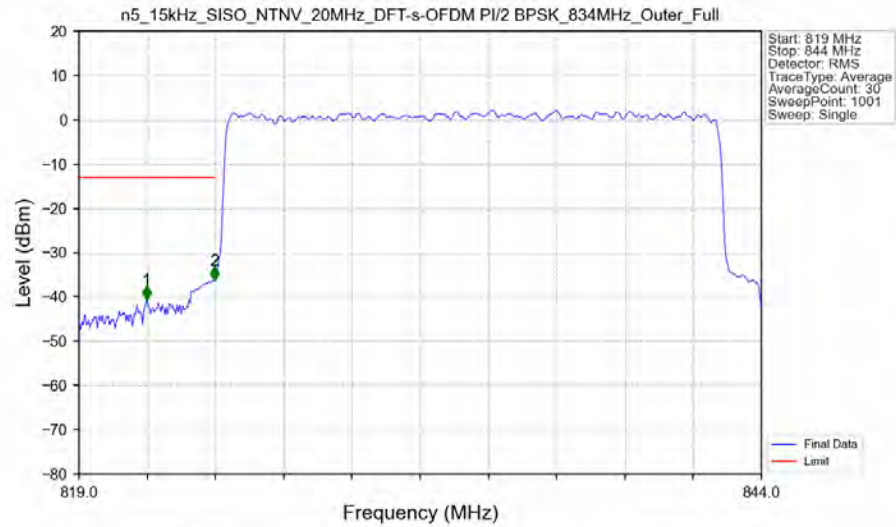


n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_834MHz_Edge_1RB_Left_Ant7



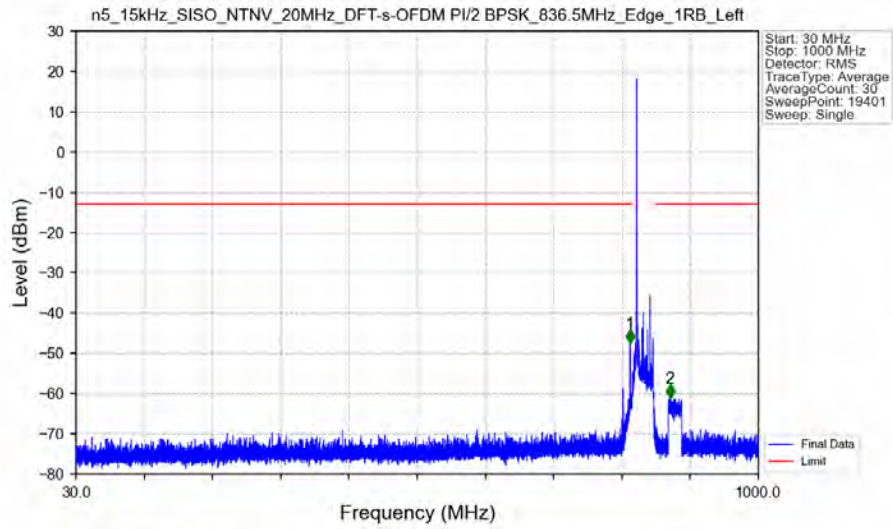
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	7990.000	-50.75	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_834MHz_Outer_Full_Ant7

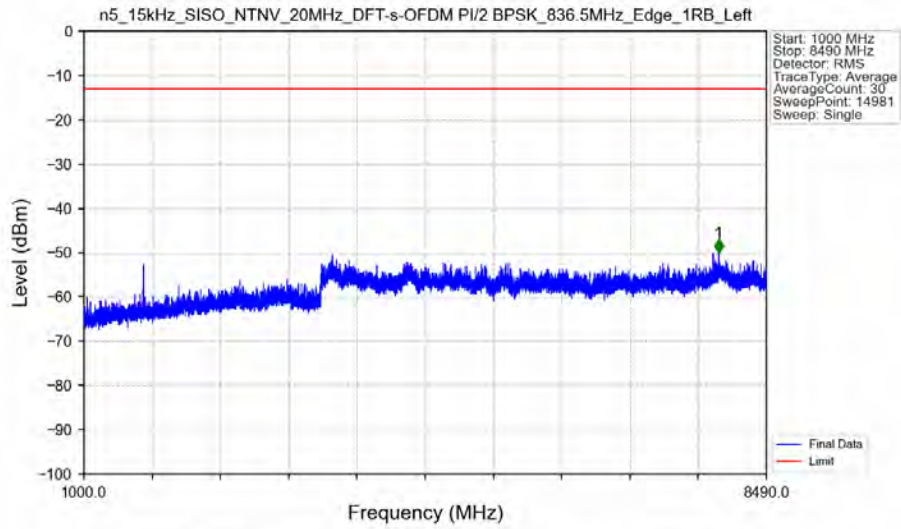


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	/	1	821.475	-40.54	-13	Pass
823	824	0.19402	CHP	2	823.975	-36.29	-13	Pass
824	844	0.19402	CHP	/	/	/	/	/

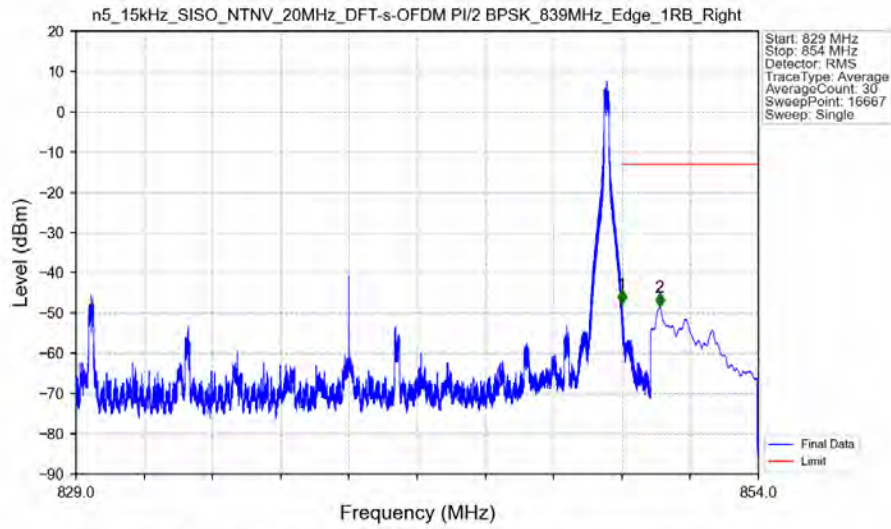
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_836.5MHz_Edge_1RB_Left_Ant7



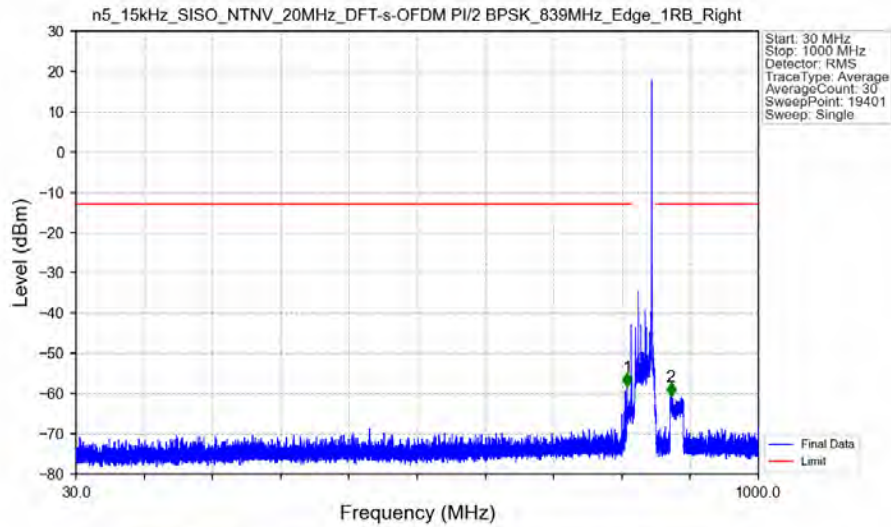
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_836.5MHz_Edge_1RB_Left_Ant7



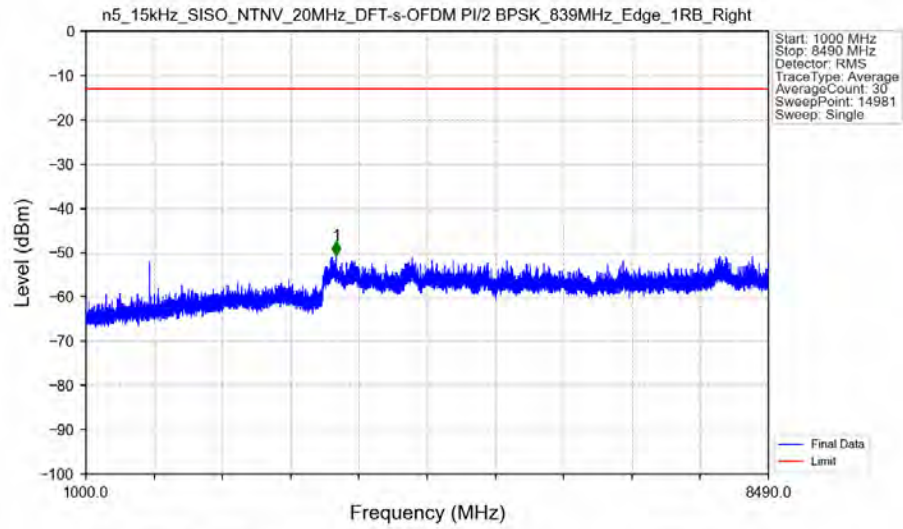
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_839MHz_Edge_1RB_Right_Ant7



n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_839MHz_Edge_1RB_Right_Ant7

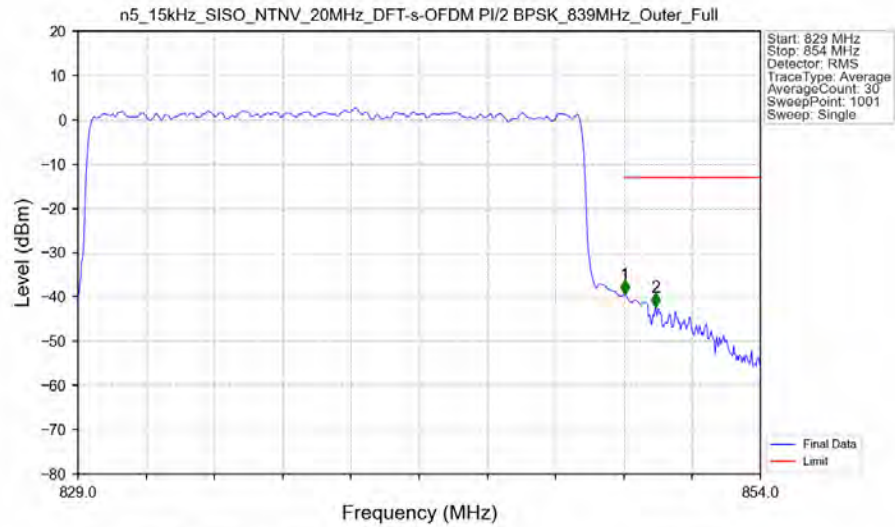


n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_839MHz_Edge_1RB_Right_Ant7



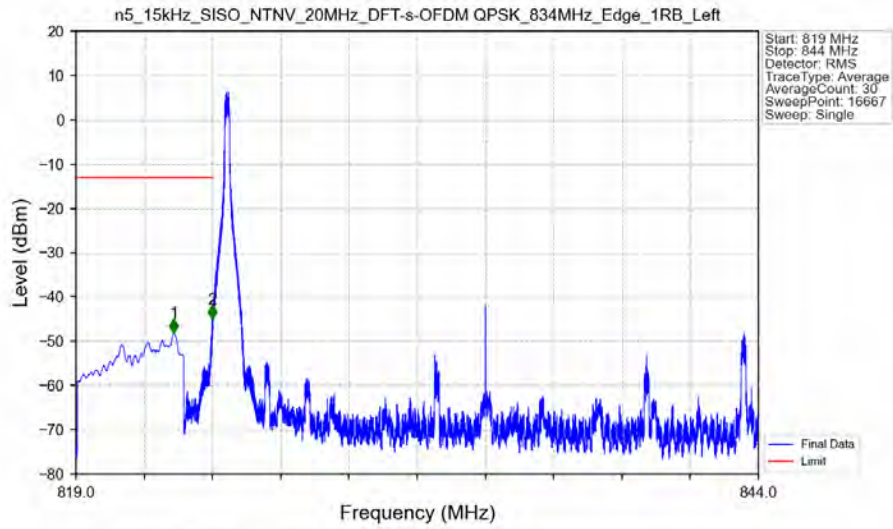
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	3746.500	-50.55	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_839MHz_Outer_Full_Ant7



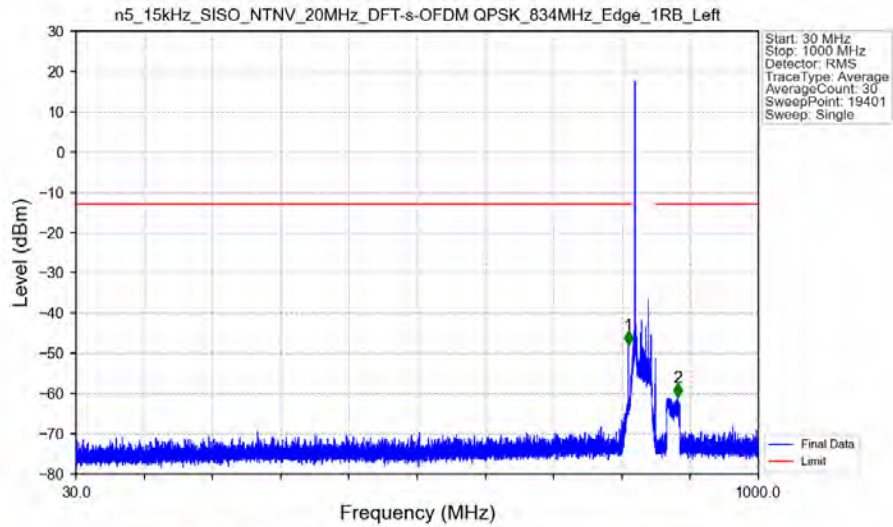
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
829	849	0.20469	CHP	/	/	/	/	/
849	850	0.20469	CHP	1	849.025	-39.41	-13	Pass
850	854	0.1	/	2	850.150	-42.29	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_834MHz_Edge_1RB_Left_Ant7



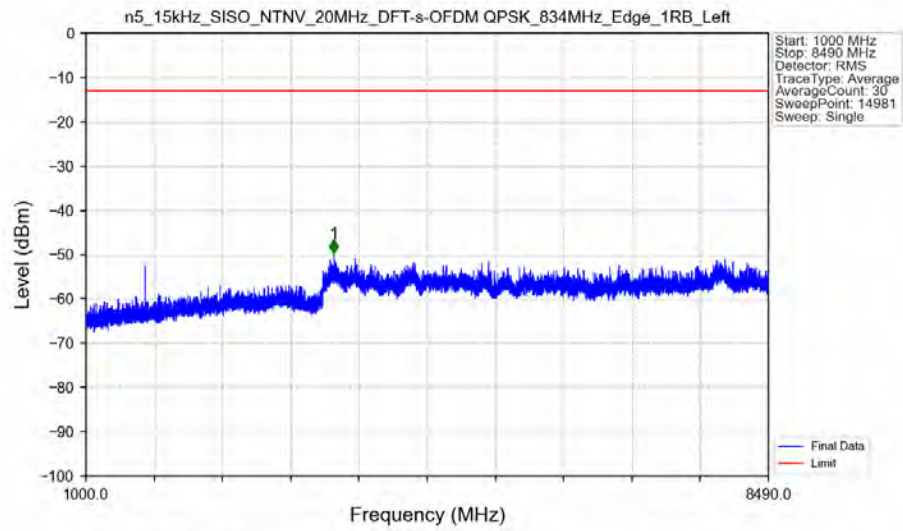
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.581	-48.15	-13	Pass
823	824	0.003	/	2	823.994	-44.95	-13	Pass
824	844	0.003	/	/	/	/	/	/

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_834MHz_Edge_1RB_Left_Ant7



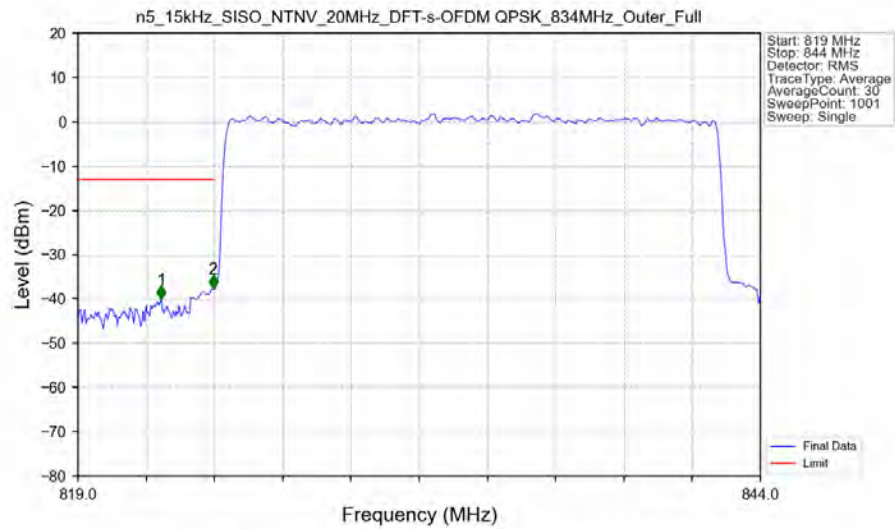
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	815.100	-47.93	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	885.050	-60.92	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_834MHz_Edge_1RB_Left_Ant7



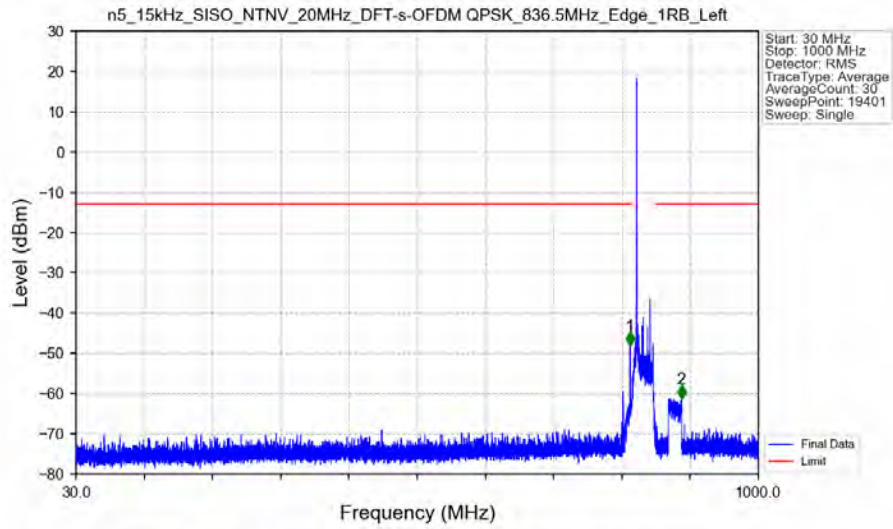
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	3722.000	-49.65	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_834MHz_Outer_Full_Ant7

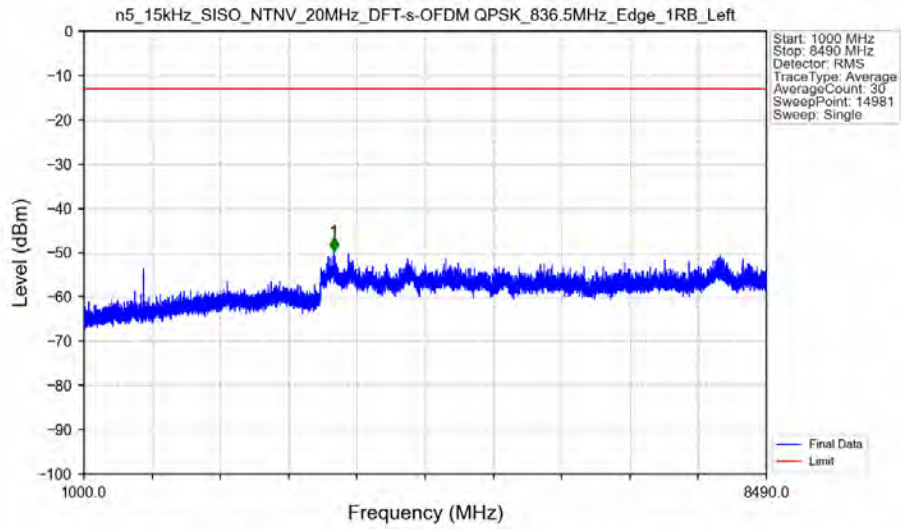


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	/	1	822.050	-39.99	-13	Pass
823	824	0.20443	CHP	2	823.950	-37.68	-13	Pass
824	844	0.20443	CHP	/	/	/	/	/

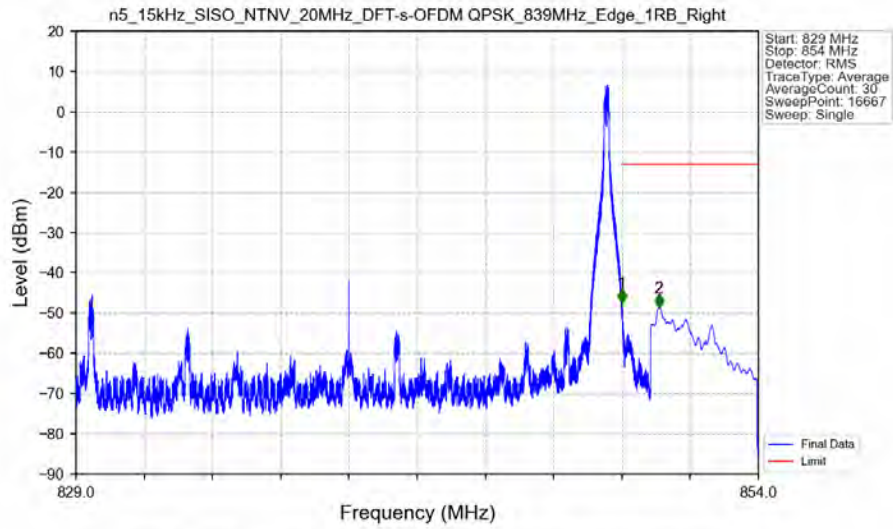
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_836.5MHz_Edge_1RB_Left Ant7



n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_836.5MHz_Edge_1RB_Left Ant7

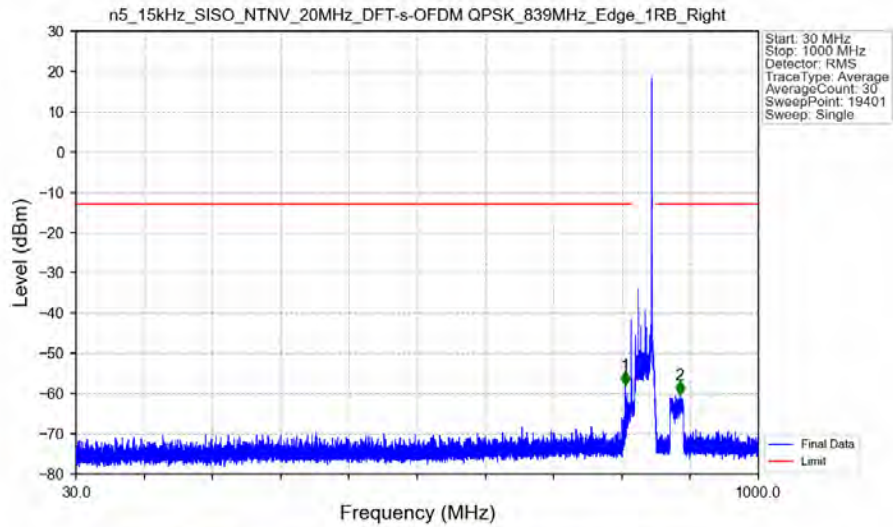


n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_839MHz_Edge_1RB_Right_Ant7



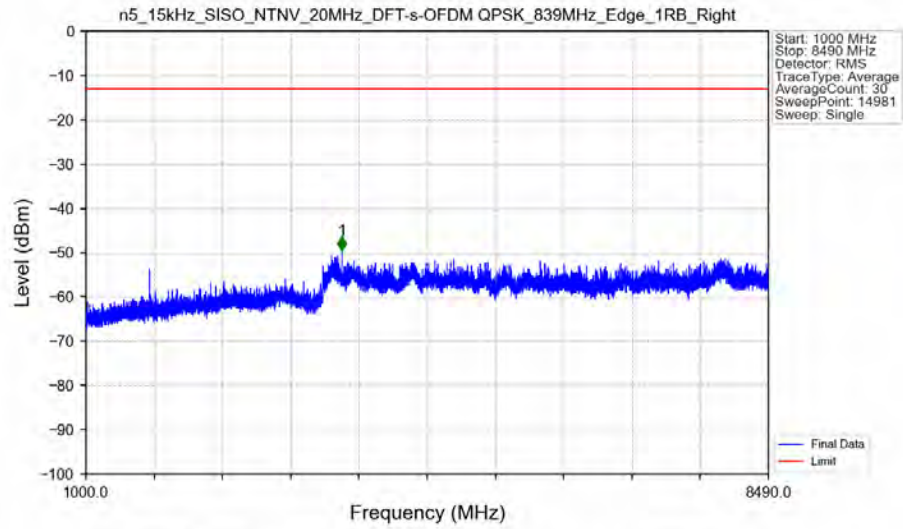
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
829	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.005	-47.55	-13	Pass
850	854	0.1	CHP	2	850.352	-48.63	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_839MHz_Edge_1RB_Right_Ant7



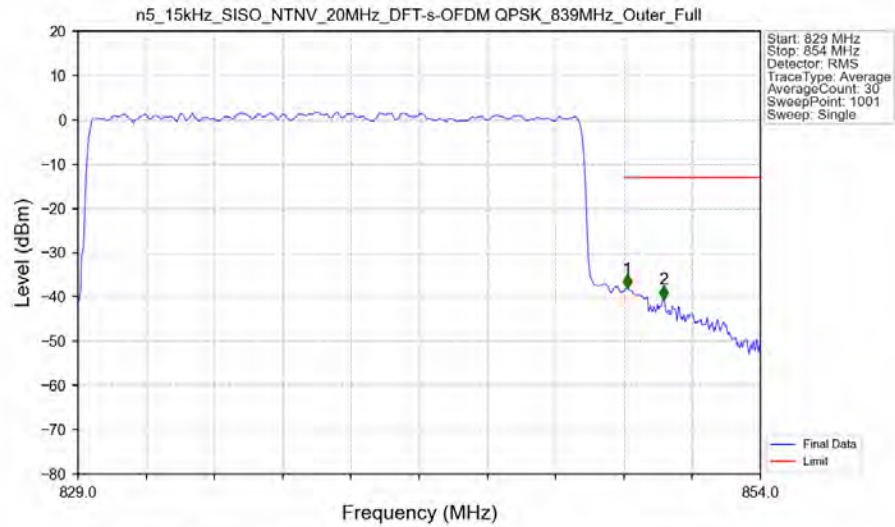
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	810.600	-57.94	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	888.300	-60.27	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_839MHz_Edge_1RB_Right_Ant7



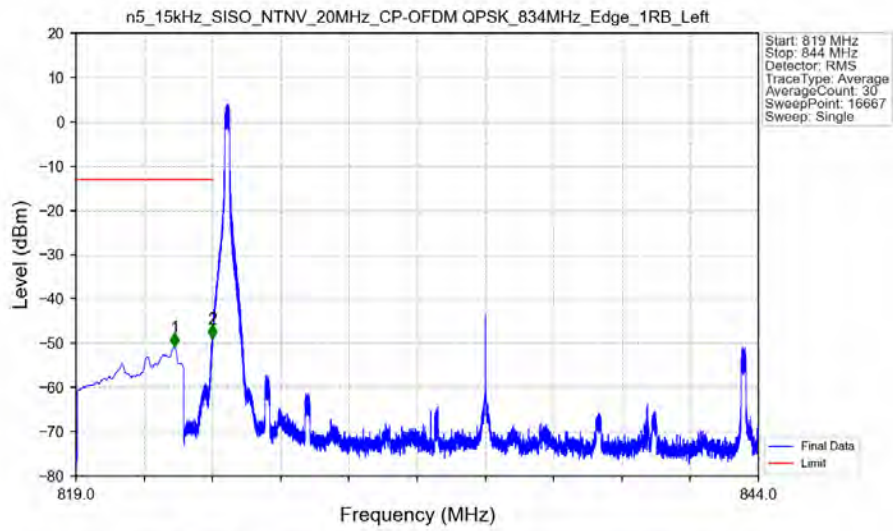
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	3810.500	-49.49	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_839MHz_Outer_Full_Ant7

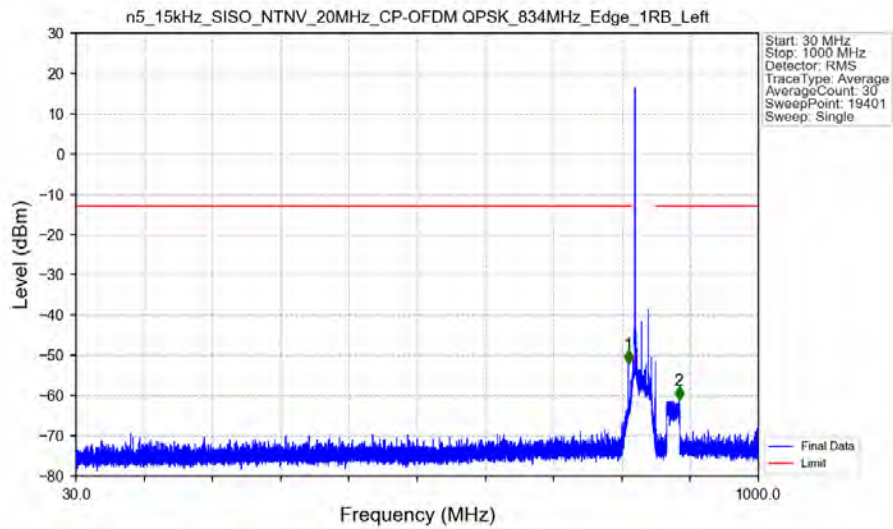


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
829	849	0.20469	CHP	/	/	/	/	/
849	850	0.20469	CHP	1	849.125	-38.00	-13	Pass
850	854	0.1	/	2	850.450	-40.51	-13	Pass

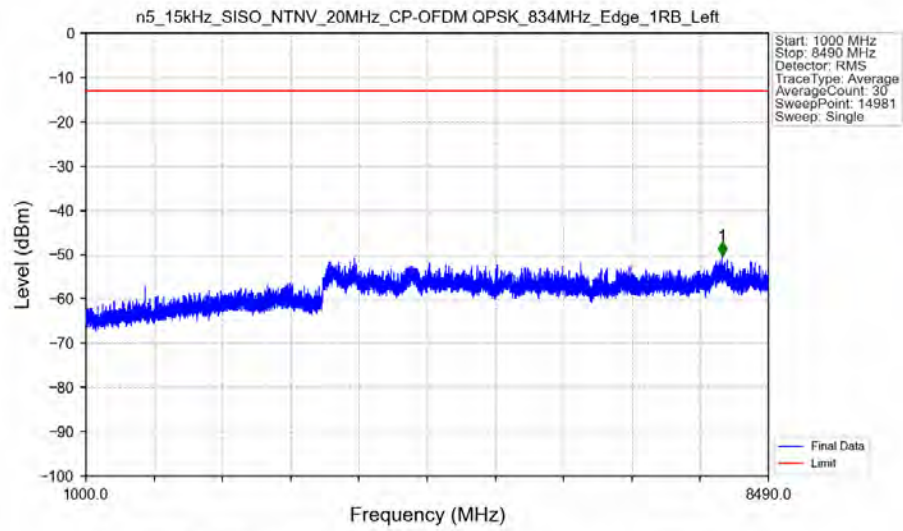
n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_834MHz_Edge_1RB_Left Ant7



n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_834MHz_Edge_1RB_Left Ant7

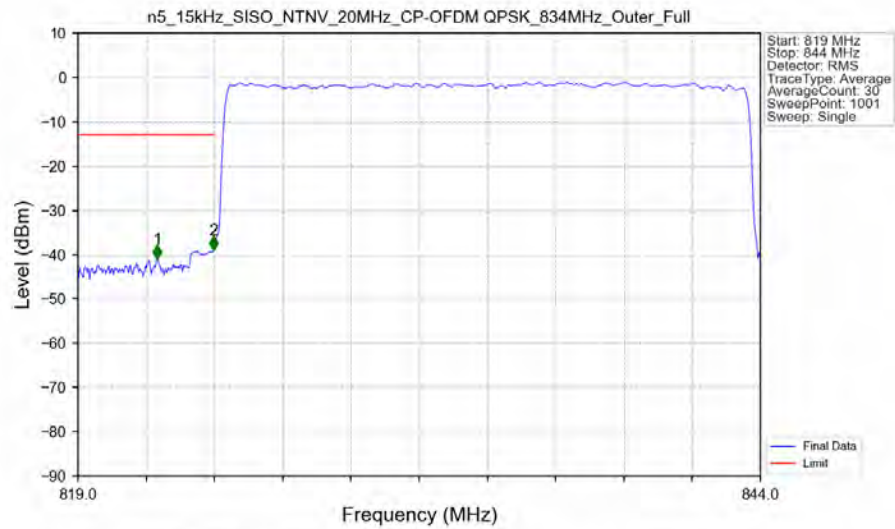


n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_834MHz_Edge_1RB_Left Ant7



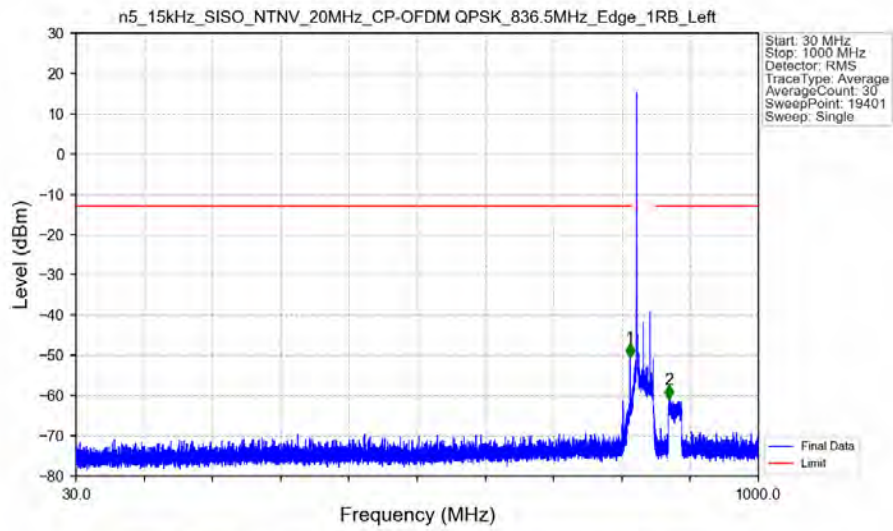
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	7982.500	-50.18	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_834MHz_Outer_Full Ant7

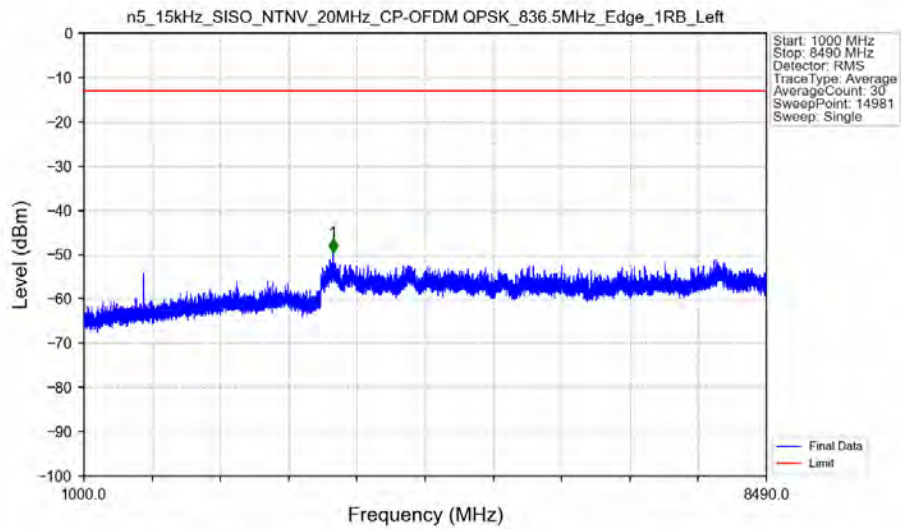


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	/	1	821.900	-40.90	-13	Pass
823	824	0.20465	CHP	2	823.975	-38.93	-13	Pass
824	844	0.20465	CHP	/	/	/	/	/

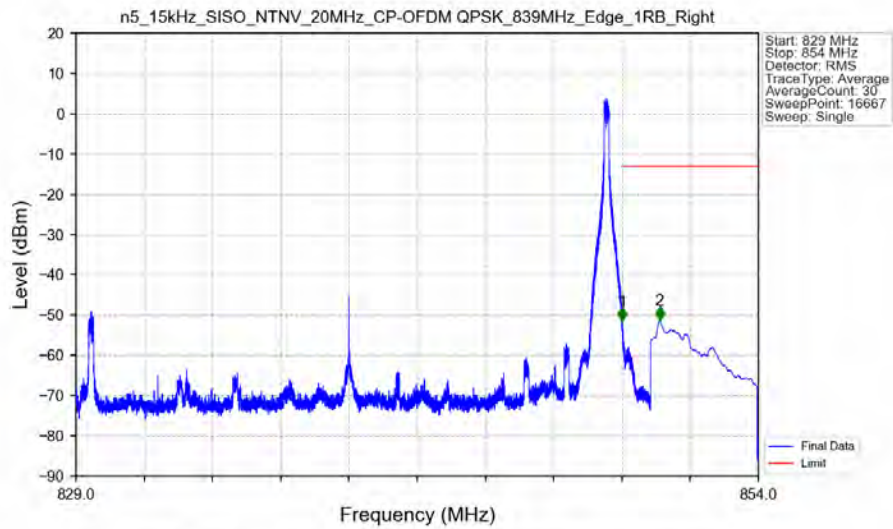
n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant7



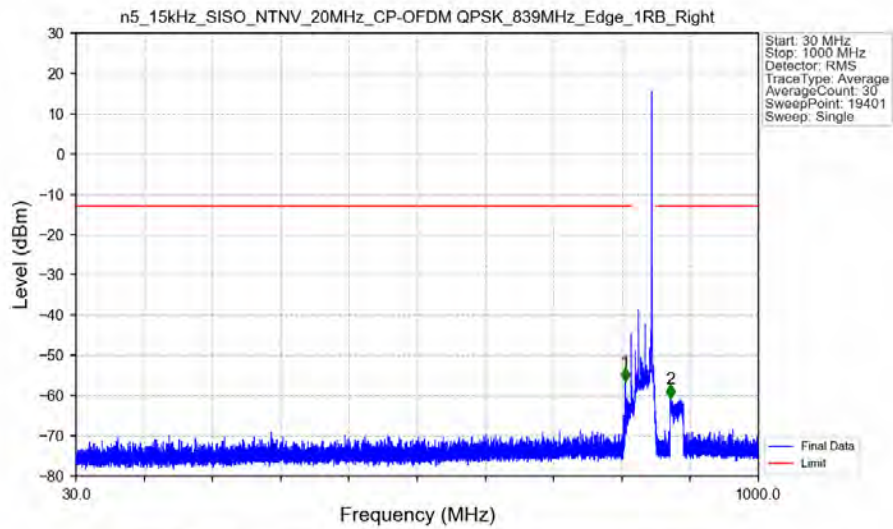
n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant7



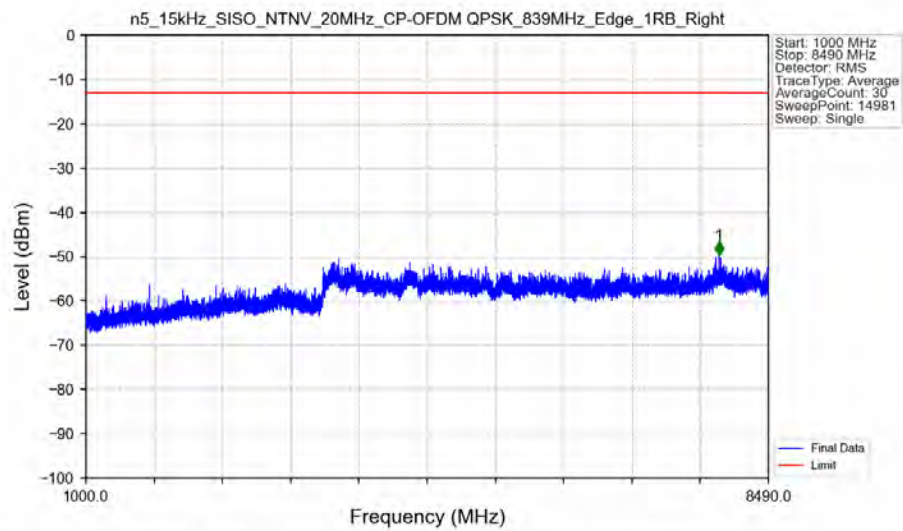
n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_839MHz_Edge_1RB_Right_Ant7



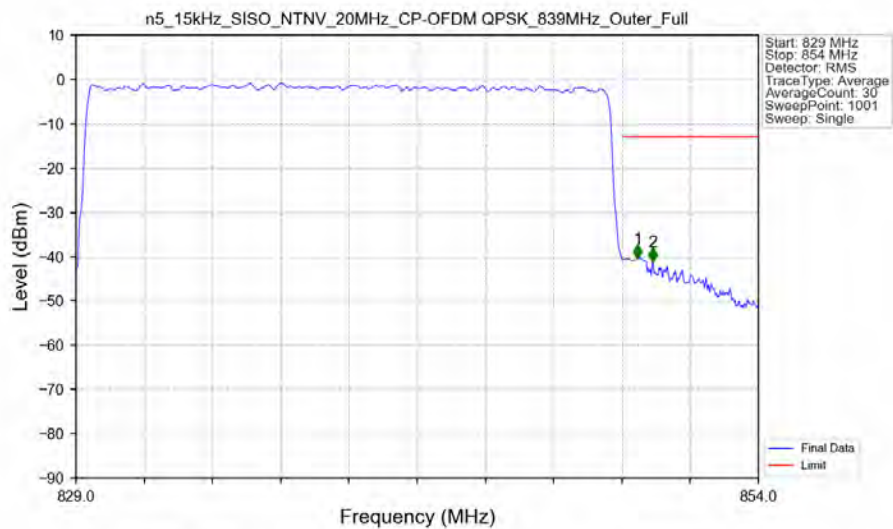
n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_839MHz_Edge_1RB_Right_Ant7



n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_839MHz_Edge_1RB_Right_Ant7



n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_839MHz_Outer_Full_Ant7



6. Field Strength of Spurious Radiation

NR N5-Low channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#1								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1650.0	-71.76	-13	-58.76	-74.64	2.62	5.5	Horizontal	Pass
2475.0	-66.48	-13	-53.48	-69.18	3.06	5.76	Horizontal	Pass
3300.0	-67.2	-13	-54.2	-71.57	3.3	7.67	Horizontal	Pass
1650.0	-71.98	-13	-58.98	-74.86	2.62	5.5	Vertical	Pass
2475.0	-61.85	-13	-48.85	-64.55	3.06	5.76	Vertical	Pass
3300.0	-67.63	-13	-54.63	-72.0	3.3	7.67	Vertical	Pass

NR N5-Middle channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#1								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1655.0	-72.1	-13	-59.1	-74.97	2.62	5.49	Horizontal	Pass
2482.5	-69.34	-13	-56.34	-72.05	3.07	5.78	Horizontal	Pass
3310.0	-67.6	-13	-54.6	-72.0	3.3	7.7	Horizontal	Pass
1655.0	-71.93	-13	-58.93	-74.8	2.62	5.49	Vertical	Pass
2482.5	-68.69	-13	-55.69	-71.4	3.07	5.78	Vertical	Pass
3310.0	-67.58	-13	-54.58	-71.98	3.3	7.7	Vertical	Pass

NR N5-High channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#1								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1660.0	-72.18	-13	-59.18	-75.04	2.62	5.48	Horizontal	Pass
2490.0	-68.94	-13	-55.94	-71.67	3.07	5.8	Horizontal	Pass
3320.0	-67.13	-13	-54.13	-71.54	3.31	7.72	Horizontal	Pass
1660.0	-72.05	-13	-59.05	-74.91	2.62	5.48	Vertical	Pass
2490.0	-68.77	-13	-55.77	-71.5	3.07	5.8	Vertical	Pass
3320.0	-67.56	-13	-54.56	-71.97	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	-66.97	-13	-53.97	-71.34	3.3	7.67	Horizontal	Pass
4125.0	-65.93	-13	-52.93	-70.94	3.97	8.98	Horizontal	Pass
4950.0	-63.36	-13	-50.36	-68.88	4.55	10.07	Horizontal	Pass
3300.0	-67.03	-13	-54.03	-71.4	3.3	7.67	Vertical	Pass
4125.0	-65.87	-13	-52.87	-70.88	3.97	8.98	Vertical	Pass
4950.0	-63.23	-13	-50.23	-68.75	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	-68.04	-13	-55.04	-72.44	3.3	7.7	Horizontal	Pass
4137.5	-66.22	-13	-53.22	-71.23	3.98	8.99	Horizontal	Pass
4965.0	-63.64	-13	-50.64	-69.18	4.55	10.09	Horizontal	Pass
3310.0	-67.69	-13	-54.69	-72.09	3.3	7.7	Vertical	Pass
4137.5	-65.99	-13	-52.99	-71.0	3.98	8.99	Vertical	Pass
4965.0	-63.91	-13	-50.91	-69.45	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	-66.85	-13	-53.85	-71.26	3.31	7.72	Horizontal	Pass
4150.0	-64.98	-13	-51.98	-70.0	3.99	9.01	Horizontal	Pass
4980.0	-63.38	-13	-50.38	-68.93	4.56	10.11	Horizontal	Pass
3320.0	-67.03	-13	-54.03	-71.44	3.31	7.72	Vertical	Pass
4150.0	-65.67	-13	-52.67	-70.69	3.99	9.01	Vertical	Pass
4980.0	-63.05	-13	-50.05	-68.6	4.56	10.11	Vertical	Pass