

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
			Ant31	Ant2	Sum	Ant31	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	836.5	Edge 1RB Left	23.94	/	/	17.43	/	/	<=38.45	Pass
		Edge 1RB Right	24.01	/	/	17.50	/	/	<=38.45	Pass
		Outer Full	24.13	/	/	17.62	/	/	<=38.45	Pass
		Inner Full	24.33	/	/	17.82	/	/	<=38.45	Pass
		Inner 1RB Left	24.41	/	/	17.90	/	/	<=38.45	Pass
		Inner 1RB Right	24.21	/	/	17.70	/	/	<=38.45	Pass
	826.5	Edge 1RB Left	23.76	/	/	17.25	/	/	<=38.45	Pass
		Edge 1RB Right	23.74	/	/	17.23	/	/	<=38.45	Pass
		Outer Full	23.87	/	/	17.36	/	/	<=38.45	Pass
		Inner Full	24.30	/	/	17.79	/	/	<=38.45	Pass
		Inner 1RB Left	24.23	/	/	17.72	/	/	<=38.45	Pass
		Inner 1RB Right	24.22	/	/	17.71	/	/	<=38.45	Pass
	846.5	Edge 1RB Left	23.80	/	/	17.29	/	/	<=38.45	Pass
		Edge 1RB Right	23.74	/	/	17.23	/	/	<=38.45	Pass
		Outer Full	23.97	/	/	17.46	/	/	<=38.45	Pass
		Inner Full	24.36	/	/	17.85	/	/	<=38.45	Pass
		Inner 1RB Left	24.27	/	/	17.76	/	/	<=38.45	Pass
		Inner 1RB Right	24.17	/	/	17.66	/	/	<=38.45	Pass
DFT-s-OFDM QPSK	836.5	Edge 1RB Left	24.29	/	/	17.78	/	/	<=38.45	Pass
		Edge 1RB Right	24.30	/	/	17.79	/	/	<=38.45	Pass
		Outer Full	24.29	/	/	17.78	/	/	<=38.45	Pass
		Inner Full	24.32	/	/	17.81	/	/	<=38.45	Pass
		Inner 1RB Left	24.35	/	/	17.84	/	/	<=38.45	Pass
		Inner 1RB Right	24.36	/	/	17.85	/	/	<=38.45	Pass
	826.5	Edge 1RB Left	24.21	/	/	17.70	/	/	<=38.45	Pass
		Edge 1RB Right	24.18	/	/	17.67	/	/	<=38.45	Pass
		Outer Full	24.06	/	/	17.55	/	/	<=38.45	Pass
		Inner Full	24.30	/	/	17.79	/	/	<=38.45	Pass
		Inner 1RB Left	24.40	/	/	17.89	/	/	<=38.45	Pass
		Inner 1RB Right	24.36	/	/	17.85	/	/	<=38.45	Pass
	846.5	Edge 1RB Left	24.35	/	/	17.84	/	/	<=38.45	Pass
		Edge 1RB Right	24.43	/	/	17.92	/	/	<=38.45	Pass
		Outer Full	24.11	/	/	17.60	/	/	<=38.45	Pass
		Inner Full	24.38	/	/	17.87	/	/	<=38.45	Pass
		Inner 1RB Left	24.44	/	/	17.93	/	/	<=38.45	Pass
		Inner 1RB Right	24.44	/	/	17.93	/	/	<=38.45	Pass
DFT-s-OFDM 16 QAM	836.5	Edge 1RB Left	23.30	/	/	16.79	/	/	<=38.45	Pass
		Edge 1RB Right	23.50	/	/	16.99	/	/	<=38.45	Pass
		Outer Full	23.40	/	/	16.89	/	/	<=38.45	Pass
		Inner Full	24.09	/	/	17.58	/	/	<=38.45	Pass
		Inner 1RB Left	24.20	/	/	17.69	/	/	<=38.45	Pass
		Inner 1RB Right	24.25	/	/	17.74	/	/	<=38.45	Pass
	826.5	Edge 1RB Left	23.42	/	/	16.91	/	/	<=38.45	Pass
		Edge 1RB Right	23.42	/	/	16.91	/	/	<=38.45	Pass
		Outer Full	23.34	/	/	16.83	/	/	<=38.45	Pass
		Inner Full	24.02	/	/	17.51	/	/	<=38.45	Pass
		Inner 1RB Left	24.15	/	/	17.64	/	/	<=38.45	Pass
		Inner 1RB Right	24.14	/	/	17.63	/	/	<=38.45	Pass
	846.5	Edge 1RB Left	23.52	/	/	17.01	/	/	<=38.45	Pass

		Edge_1RB_Right	23.51	/	/	17.00	/	/	<=38.45	Pass
		Outer_Full	23.42	/	/	16.91	/	/	<=38.45	Pass
		Inner_Full	24.15	/	/	17.64	/	/	<=38.45	Pass
		Inner_1RB_Left	24.27	/	/	17.76	/	/	<=38.45	Pass
		Inner_1RB_Right	24.16	/	/	17.65	/	/	<=38.45	Pass
DFT-s-OFDM 64 QAM	836.5	Edge_1RB_Left	22.04	/	/	15.53	/	/	<=38.45	Pass
		Edge_1RB_Right	22.07	/	/	15.56	/	/	<=38.45	Pass
		Outer_Full	22.44	/	/	15.93	/	/	<=38.45	Pass
		Inner_Full	22.48	/	/	15.97	/	/	<=38.45	Pass
		Inner_1RB_Left	22.07	/	/	15.56	/	/	<=38.45	Pass
		Inner_1RB_Right	22.08	/	/	15.57	/	/	<=38.45	Pass
	826.5	Edge_1RB_Left	22.05	/	/	15.54	/	/	<=38.45	Pass
		Edge_1RB_Right	22.01	/	/	15.50	/	/	<=38.45	Pass
		Outer_Full	22.41	/	/	15.90	/	/	<=38.45	Pass
		Inner_Full	22.37	/	/	15.86	/	/	<=38.45	Pass
		Inner_1RB_Left	22.02	/	/	15.51	/	/	<=38.45	Pass
		Inner_1RB_Right	22.16	/	/	15.65	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	22.26	/	/	15.75	/	/	<=38.45	Pass
		Edge_1RB_Right	22.17	/	/	15.66	/	/	<=38.45	Pass
		Outer_Full	22.52	/	/	16.01	/	/	<=38.45	Pass
		Inner_Full	22.51	/	/	16.00	/	/	<=38.45	Pass
		Inner_1RB_Left	22.06	/	/	15.55	/	/	<=38.45	Pass
		Inner_1RB_Right	22.18	/	/	15.67	/	/	<=38.45	Pass
DFT-s-OFDM 256 QAM	836.5	Edge_1RB_Left	21.00	/	/	14.49	/	/	<=38.45	Pass
		Edge_1RB_Right	21.03	/	/	14.52	/	/	<=38.45	Pass
		Outer_Full	21.03	/	/	14.52	/	/	<=38.45	Pass
		Inner_Full	21.14	/	/	14.63	/	/	<=38.45	Pass
		Inner_1RB_Left	21.01	/	/	14.50	/	/	<=38.45	Pass
		Inner_1RB_Right	21.06	/	/	14.55	/	/	<=38.45	Pass
	826.5	Edge_1RB_Left	20.98	/	/	14.47	/	/	<=38.45	Pass
		Edge_1RB_Right	20.99	/	/	14.48	/	/	<=38.45	Pass
		Outer_Full	20.99	/	/	14.48	/	/	<=38.45	Pass
		Inner_Full	21.04	/	/	14.53	/	/	<=38.45	Pass
		Inner_1RB_Left	21.01	/	/	14.50	/	/	<=38.45	Pass
		Inner_1RB_Right	21.01	/	/	14.50	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	21.07	/	/	14.56	/	/	<=38.45	Pass
		Edge_1RB_Right	21.11	/	/	14.60	/	/	<=38.45	Pass
		Outer_Full	21.14	/	/	14.63	/	/	<=38.45	Pass
		Inner_Full	21.21	/	/	14.70	/	/	<=38.45	Pass
		Inner_1RB_Left	21.09	/	/	14.58	/	/	<=38.45	Pass
		Inner_1RB_Right	21.18	/	/	14.67	/	/	<=38.45	Pass
CP-OFDM QPSK	836.5	Edge_1RB_Left	21.84	/	/	15.33	/	/	<=38.45	Pass
		Edge_1RB_Right	21.87	/	/	15.36	/	/	<=38.45	Pass
		Outer_Full	21.88	/	/	15.37	/	/	<=38.45	Pass
		Inner_Full	23.33	/	/	16.82	/	/	<=38.45	Pass
		Inner_1RB_Left	23.39	/	/	16.88	/	/	<=38.45	Pass
		Inner_1RB_Right	23.42	/	/	16.91	/	/	<=38.45	Pass
	826.5	Edge_1RB_Left	21.80	/	/	15.29	/	/	<=38.45	Pass
		Edge_1RB_Right	21.79	/	/	15.28	/	/	<=38.45	Pass
		Outer_Full	21.85	/	/	15.34	/	/	<=38.45	Pass
		Inner_Full	23.26	/	/	16.75	/	/	<=38.45	Pass
		Inner_1RB_Left	23.52	/	/	17.01	/	/	<=38.45	Pass
		Inner_1RB_Right	23.36	/	/	16.85	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	21.88	/	/	15.37	/	/	<=38.45	Pass
		Edge_1RB_Right	21.94	/	/	15.43	/	/	<=38.45	Pass
		Outer_Full	21.90	/	/	15.39	/	/	<=38.45	Pass
		Inner_Full	23.40	/	/	16.89	/	/	<=38.45	Pass
		Inner_1RB_Left	23.53	/	/	17.02	/	/	<=38.45	Pass
		Inner_1RB_Right	23.64	/	/	17.13	/	/	<=38.45	Pass

CP-OFDM 16 QAM	836.5	Edge_1RB_Left	22.13	/	/	15.62	/	/	<=38.45	Pass
		Edge_1RB_Right	22.08	/	/	15.57	/	/	<=38.45	Pass
		Outer_Full	21.89	/	/	15.38	/	/	<=38.45	Pass
		Inner_Full	22.81	/	/	16.30	/	/	<=38.45	Pass
		Inner_1RB_Left	22.96	/	/	16.45	/	/	<=38.45	Pass
		Inner_1RB_Right	23.04	/	/	16.53	/	/	<=38.45	Pass
	826.5	Edge_1RB_Left	21.95	/	/	15.44	/	/	<=38.45	Pass
		Edge_1RB_Right	21.95	/	/	15.44	/	/	<=38.45	Pass
		Outer_Full	21.86	/	/	15.35	/	/	<=38.45	Pass
		Inner_Full	22.75	/	/	16.24	/	/	<=38.45	Pass
		Inner_1RB_Left	22.94	/	/	16.43	/	/	<=38.45	Pass
		Inner_1RB_Right	22.73	/	/	16.22	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	22.02	/	/	15.51	/	/	<=38.45	Pass
		Edge_1RB_Right	21.98	/	/	15.47	/	/	<=38.45	Pass
		Outer_Full	21.94	/	/	15.43	/	/	<=38.45	Pass
		Inner_Full	22.93	/	/	16.42	/	/	<=38.45	Pass
		Inner_1RB_Left	22.83	/	/	16.32	/	/	<=38.45	Pass
		Inner_1RB_Right	22.95	/	/	16.44	/	/	<=38.45	Pass
CP-OFDM 64 QAM	836.5	Edge_1RB_Left	21.17	/	/	14.66	/	/	<=38.45	Pass
		Edge_1RB_Right	21.38	/	/	14.87	/	/	<=38.45	Pass
		Outer_Full	21.39	/	/	14.88	/	/	<=38.45	Pass
		Inner_Full	21.39	/	/	14.88	/	/	<=38.45	Pass
		Inner_1RB_Left	21.14	/	/	14.63	/	/	<=38.45	Pass
		Inner_1RB_Right	21.22	/	/	14.71	/	/	<=38.45	Pass
	826.5	Edge_1RB_Left	21.27	/	/	14.76	/	/	<=38.45	Pass
		Edge_1RB_Right	21.24	/	/	14.73	/	/	<=38.45	Pass
		Outer_Full	21.37	/	/	14.86	/	/	<=38.45	Pass
		Inner_Full	21.29	/	/	14.78	/	/	<=38.45	Pass
		Inner_1RB_Left	21.12	/	/	14.61	/	/	<=38.45	Pass
		Inner_1RB_Right	21.29	/	/	14.78	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	21.18	/	/	14.67	/	/	<=38.45	Pass
		Edge_1RB_Right	21.12	/	/	14.61	/	/	<=38.45	Pass
		Outer_Full	21.40	/	/	14.89	/	/	<=38.45	Pass
		Inner_Full	21.40	/	/	14.89	/	/	<=38.45	Pass
		Inner_1RB_Left	21.20	/	/	14.69	/	/	<=38.45	Pass
		Inner_1RB_Right	21.11	/	/	14.60	/	/	<=38.45	Pass
CP-OFDM 256 QAM	836.5	Edge_1RB_Left	18.34	/	/	11.83	/	/	<=38.45	Pass
		Edge_1RB_Right	18.43	/	/	11.92	/	/	<=38.45	Pass
		Outer_Full	18.39	/	/	11.88	/	/	<=38.45	Pass
		Inner_Full	18.42	/	/	11.91	/	/	<=38.45	Pass
		Inner_1RB_Left	18.29	/	/	11.78	/	/	<=38.45	Pass
		Inner_1RB_Right	18.32	/	/	11.81	/	/	<=38.45	Pass
	826.5	Edge_1RB_Left	18.33	/	/	11.82	/	/	<=38.45	Pass
		Edge_1RB_Right	18.28	/	/	11.77	/	/	<=38.45	Pass
		Outer_Full	18.35	/	/	11.84	/	/	<=38.45	Pass
		Inner_Full	18.32	/	/	11.81	/	/	<=38.45	Pass
		Inner_1RB_Left	18.32	/	/	11.81	/	/	<=38.45	Pass
		Inner_1RB_Right	18.26	/	/	11.75	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	18.39	/	/	11.88	/	/	<=38.45	Pass
		Edge_1RB_Right	18.37	/	/	11.86	/	/	<=38.45	Pass
		Outer_Full	18.45	/	/	11.94	/	/	<=38.45	Pass
		Inner_Full	18.50	/	/	11.99	/	/	<=38.45	Pass
		Inner_1RB_Left	18.38	/	/	11.87	/	/	<=38.45	Pass
		Inner_1RB_Right	18.33	/	/	11.82	/	/	<=38.45	Pass
Note1: Antenna Gain: Ant31: -4.36dBi;										
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
			Ant31	Ant2	Sum	Ant31	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	836.5	Edge_1RB_Left	23.79	/	/	17.28	/	/	<=38.45	Pass
		Edge_1RB_Right	23.89	/	/	17.38	/	/	<=38.45	Pass
		Outer_Full	23.90	/	/	17.39	/	/	<=38.45	Pass
		Inner_Full	24.27	/	/	17.76	/	/	<=38.45	Pass
		Inner_1RB_Left	24.29	/	/	17.78	/	/	<=38.45	Pass
		Inner_1RB_Right	24.27	/	/	17.76	/	/	<=38.45	Pass
	829	Edge_1RB_Left	23.76	/	/	17.25	/	/	<=38.45	Pass
		Edge_1RB_Right	23.81	/	/	17.30	/	/	<=38.45	Pass
		Outer_Full	23.81	/	/	17.30	/	/	<=38.45	Pass
		Inner_Full	24.24	/	/	17.73	/	/	<=38.45	Pass
		Inner_1RB_Left	24.28	/	/	17.77	/	/	<=38.45	Pass
		Inner_1RB_Right	24.29	/	/	17.78	/	/	<=38.45	Pass
	844	Edge_1RB_Left	23.79	/	/	17.28	/	/	<=38.45	Pass
		Edge_1RB_Right	23.75	/	/	17.24	/	/	<=38.45	Pass
		Outer_Full	23.88	/	/	17.37	/	/	<=38.45	Pass
		Inner_Full	24.32	/	/	17.81	/	/	<=38.45	Pass
		Inner_1RB_Left	24.28	/	/	17.77	/	/	<=38.45	Pass
		Inner_1RB_Right	24.23	/	/	17.72	/	/	<=38.45	Pass
DFT-s-OFDM QPSK	836.5	Edge_1RB_Left	24.25	/	/	17.74	/	/	<=38.45	Pass
		Edge_1RB_Right	24.28	/	/	17.77	/	/	<=38.45	Pass
		Outer_Full	24.08	/	/	17.57	/	/	<=38.45	Pass
		Inner_Full	24.28	/	/	17.77	/	/	<=38.45	Pass
		Inner_1RB_Left	24.42	/	/	17.91	/	/	<=38.45	Pass
		Inner_1RB_Right	24.41	/	/	17.90	/	/	<=38.45	Pass
	829	Edge_1RB_Left	24.24	/	/	17.73	/	/	<=38.45	Pass
		Edge_1RB_Right	24.27	/	/	17.76	/	/	<=38.45	Pass
		Outer_Full	23.99	/	/	17.48	/	/	<=38.45	Pass
		Inner_Full	24.25	/	/	17.74	/	/	<=38.45	Pass
		Inner_1RB_Left	24.41	/	/	17.90	/	/	<=38.45	Pass
		Inner_1RB_Right	24.40	/	/	17.89	/	/	<=38.45	Pass
	844	Edge_1RB_Left	24.23	/	/	17.72	/	/	<=38.45	Pass
		Edge_1RB_Right	24.46	/	/	17.95	/	/	<=38.45	Pass
		Outer_Full	24.08	/	/	17.57	/	/	<=38.45	Pass
		Inner_Full	24.32	/	/	17.81	/	/	<=38.45	Pass
		Inner_1RB_Left	24.31	/	/	17.80	/	/	<=38.45	Pass
		Inner_1RB_Right	24.48	/	/	17.97	/	/	<=38.45	Pass
DFT-s-OFDM 16 QAM	836.5	Edge_1RB_Left	23.42	/	/	16.91	/	/	<=38.45	Pass
		Edge_1RB_Right	23.53	/	/	17.02	/	/	<=38.45	Pass
		Outer_Full	23.40	/	/	16.89	/	/	<=38.45	Pass
		Inner_Full	24.06	/	/	17.55	/	/	<=38.45	Pass
		Inner_1RB_Left	24.12	/	/	17.61	/	/	<=38.45	Pass
		Inner_1RB_Right	24.17	/	/	17.66	/	/	<=38.45	Pass
	829	Edge_1RB_Left	23.42	/	/	16.91	/	/	<=38.45	Pass
		Edge_1RB_Right	23.46	/	/	16.95	/	/	<=38.45	Pass
		Outer_Full	23.37	/	/	16.86	/	/	<=38.45	Pass
		Inner_Full	23.99	/	/	17.48	/	/	<=38.45	Pass
		Inner_1RB_Left	24.08	/	/	17.57	/	/	<=38.45	Pass
		Inner_1RB_Right	24.15	/	/	17.64	/	/	<=38.45	Pass
	844	Edge_1RB_Left	23.46	/	/	16.95	/	/	<=38.45	Pass
		Edge_1RB_Right	23.48	/	/	16.97	/	/	<=38.45	Pass
		Outer_Full	23.42	/	/	16.91	/	/	<=38.45	Pass
		Inner_Full	24.06	/	/	17.55	/	/	<=38.45	Pass
		Inner_1RB_Left	24.18	/	/	17.67	/	/	<=38.45	Pass
		Inner_1RB_Right	24.19	/	/	17.68	/	/	<=38.45	Pass
DFT-s-OFDM 64 QAM	836.5	Edge_1RB_Left	22.20	/	/	15.69	/	/	<=38.45	Pass
		Edge_1RB_Right	22.14	/	/	15.63	/	/	<=38.45	Pass

		Outer_Full	22.41	/	/	15.90	/	/	<=38.45	Pass
		Inner_Full	22.45	/	/	15.94	/	/	<=38.45	Pass
		Inner_1RB_Left	22.03	/	/	15.52	/	/	<=38.45	Pass
		Inner_1RB_Right	22.26	/	/	15.75	/	/	<=38.45	Pass
	829	Edge_1RB_Left	22.02	/	/	15.51	/	/	<=38.45	Pass
		Edge_1RB_Right	22.07	/	/	15.56	/	/	<=38.45	Pass
		Outer_Full	22.34	/	/	15.83	/	/	<=38.45	Pass
		Inner_Full	22.38	/	/	15.87	/	/	<=38.45	Pass
		Inner_1RB_Left	22.02	/	/	15.51	/	/	<=38.45	Pass
		Inner_1RB_Right	22.07	/	/	15.56	/	/	<=38.45	Pass
	844	Edge_1RB_Left	22.10	/	/	15.59	/	/	<=38.45	Pass
		Edge_1RB_Right	22.13	/	/	15.62	/	/	<=38.45	Pass
		Outer_Full	22.40	/	/	15.89	/	/	<=38.45	Pass
		Inner_Full	22.46	/	/	15.95	/	/	<=38.45	Pass
		Inner_1RB_Left	22.08	/	/	15.57	/	/	<=38.45	Pass
		Inner_1RB_Right	22.12	/	/	15.61	/	/	<=38.45	Pass
DFT-s-OFDM 256 QAM	836.5	Edge_1RB_Left	21.06	/	/	14.55	/	/	<=38.45	Pass
		Edge_1RB_Right	21.07	/	/	14.56	/	/	<=38.45	Pass
		Outer_Full	21.05	/	/	14.54	/	/	<=38.45	Pass
		Inner_Full	21.03	/	/	14.52	/	/	<=38.45	Pass
		Inner_1RB_Left	21.05	/	/	14.54	/	/	<=38.45	Pass
		Inner_1RB_Right	21.02	/	/	14.51	/	/	<=38.45	Pass
	829	Edge_1RB_Left	20.99	/	/	14.48	/	/	<=38.45	Pass
		Edge_1RB_Right	21.03	/	/	14.52	/	/	<=38.45	Pass
		Outer_Full	20.97	/	/	14.46	/	/	<=38.45	Pass
		Inner_Full	20.95	/	/	14.44	/	/	<=38.45	Pass
		Inner_1RB_Left	21.03	/	/	14.52	/	/	<=38.45	Pass
		Inner_1RB_Right	21.02	/	/	14.51	/	/	<=38.45	Pass
	844	Edge_1RB_Left	21.02	/	/	14.51	/	/	<=38.45	Pass
		Edge_1RB_Right	21.18	/	/	14.67	/	/	<=38.45	Pass
		Outer_Full	21.04	/	/	14.53	/	/	<=38.45	Pass
		Inner_Full	21.05	/	/	14.54	/	/	<=38.45	Pass
		Inner_1RB_Left	20.98	/	/	14.47	/	/	<=38.45	Pass
		Inner_1RB_Right	21.17	/	/	14.66	/	/	<=38.45	Pass
CP-OFDM QPSK	836.5	Edge_1RB_Left	21.86	/	/	15.35	/	/	<=38.45	Pass
		Edge_1RB_Right	21.91	/	/	15.40	/	/	<=38.45	Pass
		Outer_Full	21.90	/	/	15.39	/	/	<=38.45	Pass
		Inner_Full	23.47	/	/	16.96	/	/	<=38.45	Pass
		Inner_1RB_Left	23.44	/	/	16.93	/	/	<=38.45	Pass
		Inner_1RB_Right	23.40	/	/	16.89	/	/	<=38.45	Pass
	829	Edge_1RB_Left	21.80	/	/	15.29	/	/	<=38.45	Pass
		Edge_1RB_Right	21.85	/	/	15.34	/	/	<=38.45	Pass
		Outer_Full	21.82	/	/	15.31	/	/	<=38.45	Pass
		Inner_Full	23.38	/	/	16.87	/	/	<=38.45	Pass
		Inner_1RB_Left	23.35	/	/	16.84	/	/	<=38.45	Pass
		Inner_1RB_Right	23.60	/	/	17.09	/	/	<=38.45	Pass
	844	Edge_1RB_Left	21.85	/	/	15.34	/	/	<=38.45	Pass
		Edge_1RB_Right	21.97	/	/	15.46	/	/	<=38.45	Pass
		Outer_Full	21.87	/	/	15.36	/	/	<=38.45	Pass
		Inner_Full	23.49	/	/	16.98	/	/	<=38.45	Pass
		Inner_1RB_Left	23.42	/	/	16.91	/	/	<=38.45	Pass
		Inner_1RB_Right	23.65	/	/	17.14	/	/	<=38.45	Pass
CP-OFDM 16 QAM	836.5	Edge_1RB_Left	21.97	/	/	15.46	/	/	<=38.45	Pass
		Edge_1RB_Right	22.09	/	/	15.58	/	/	<=38.45	Pass
		Outer_Full	21.87	/	/	15.36	/	/	<=38.45	Pass
		Inner_Full	22.85	/	/	16.34	/	/	<=38.45	Pass
		Inner_1RB_Left	23.01	/	/	16.50	/	/	<=38.45	Pass
		Inner_1RB_Right	22.81	/	/	16.30	/	/	<=38.45	Pass
	829	Edge_1RB_Left	21.99	/	/	15.48	/	/	<=38.45	Pass

		Edge_1RB_Right	22.05	/	/	15.54	/	/	<=38.45	Pass
		Outer_Full	21.83	/	/	15.32	/	/	<=38.45	Pass
		Inner_Full	22.71	/	/	16.20	/	/	<=38.45	Pass
		Inner_1RB_Left	22.95	/	/	16.44	/	/	<=38.45	Pass
		Inner_1RB_Right	22.77	/	/	16.26	/	/	<=38.45	Pass
	844	Edge_1RB_Left	22.02	/	/	15.51	/	/	<=38.45	Pass
		Edge_1RB_Right	22.01	/	/	15.50	/	/	<=38.45	Pass
		Outer_Full	21.91	/	/	15.40	/	/	<=38.45	Pass
		Inner_Full	22.87	/	/	16.36	/	/	<=38.45	Pass
		Inner_1RB_Left	22.76	/	/	16.25	/	/	<=38.45	Pass
		Inner_1RB_Right	22.91	/	/	16.40	/	/	<=38.45	Pass
CP-OFDM 64 QAM	836.5	Edge_1RB_Left	21.27	/	/	14.76	/	/	<=38.45	Pass
		Edge_1RB_Right	21.38	/	/	14.87	/	/	<=38.45	Pass
		Outer_Full	21.35	/	/	14.84	/	/	<=38.45	Pass
		Inner_Full	21.37	/	/	14.86	/	/	<=38.45	Pass
		Inner_1RB_Left	21.17	/	/	14.66	/	/	<=38.45	Pass
		Inner_1RB_Right	21.20	/	/	14.69	/	/	<=38.45	Pass
	829	Edge_1RB_Left	21.13	/	/	14.62	/	/	<=38.45	Pass
		Edge_1RB_Right	21.17	/	/	14.66	/	/	<=38.45	Pass
		Outer_Full	21.32	/	/	14.81	/	/	<=38.45	Pass
		Inner_Full	21.34	/	/	14.83	/	/	<=38.45	Pass
		Inner_1RB_Left	21.13	/	/	14.62	/	/	<=38.45	Pass
		Inner_1RB_Right	21.16	/	/	14.65	/	/	<=38.45	Pass
	844	Edge_1RB_Left	21.20	/	/	14.69	/	/	<=38.45	Pass
		Edge_1RB_Right	21.27	/	/	14.76	/	/	<=38.45	Pass
		Outer_Full	21.39	/	/	14.88	/	/	<=38.45	Pass
		Inner_Full	21.42	/	/	14.91	/	/	<=38.45	Pass
		Inner_1RB_Left	21.18	/	/	14.67	/	/	<=38.45	Pass
		Inner_1RB_Right	21.11	/	/	14.60	/	/	<=38.45	Pass
CP-OFDM 256 QAM	836.5	Edge_1RB_Left	18.34	/	/	11.83	/	/	<=38.45	Pass
		Edge_1RB_Right	18.44	/	/	11.93	/	/	<=38.45	Pass
		Outer_Full	18.35	/	/	11.84	/	/	<=38.45	Pass
		Inner_Full	18.40	/	/	11.89	/	/	<=38.45	Pass
		Inner_1RB_Left	18.44	/	/	11.93	/	/	<=38.45	Pass
		Inner_1RB_Right	18.38	/	/	11.87	/	/	<=38.45	Pass
	829	Edge_1RB_Left	18.34	/	/	11.83	/	/	<=38.45	Pass
		Edge_1RB_Right	18.41	/	/	11.90	/	/	<=38.45	Pass
		Outer_Full	18.29	/	/	11.78	/	/	<=38.45	Pass
		Inner_Full	18.32	/	/	11.81	/	/	<=38.45	Pass
		Inner_1RB_Left	18.36	/	/	11.85	/	/	<=38.45	Pass
		Inner_1RB_Right	18.36	/	/	11.85	/	/	<=38.45	Pass
	844	Edge_1RB_Left	18.37	/	/	11.86	/	/	<=38.45	Pass
		Edge_1RB_Right	18.38	/	/	11.87	/	/	<=38.45	Pass
		Outer_Full	18.33	/	/	11.82	/	/	<=38.45	Pass
Inner_Full		18.37	/	/	11.86	/	/	<=38.45	Pass	
Inner_1RB_Left		18.41	/	/	11.90	/	/	<=38.45	Pass	
		Inner_1RB_Right	18.27	/	/	11.76	/	/	<=38.45	Pass
Note1: Antenna Gain: Ant31: -4.36dBi; 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
			Ant31	Ant2	Sum	Ant31	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	836.5	Edge_1RB_Left	23.76	/	/	17.25	/	/	<=38.45	Pass
		Edge_1RB_Right	23.81	/	/	17.30	/	/	<=38.45	Pass
		Outer_Full	23.90	/	/	17.39	/	/	<=38.45	Pass

		Inner_Full	24.29	/	/	17.78	/	/	<=38.45	Pass
		Inner_1RB_Left	24.26	/	/	17.75	/	/	<=38.45	Pass
		Inner_1RB_Right	24.28	/	/	17.77	/	/	<=38.45	Pass
	831.5	Edge_1RB_Left	23.72	/	/	17.21	/	/	<=38.45	Pass
		Edge_1RB_Right	23.80	/	/	17.29	/	/	<=38.45	Pass
		Outer_Full	23.85	/	/	17.34	/	/	<=38.45	Pass
		Inner_Full	24.26	/	/	17.75	/	/	<=38.45	Pass
		Inner_1RB_Left	24.23	/	/	17.72	/	/	<=38.45	Pass
		Inner_1RB_Right	24.24	/	/	17.73	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	23.72	/	/	17.21	/	/	<=38.45	Pass
		Edge_1RB_Right	23.76	/	/	17.25	/	/	<=38.45	Pass
		Outer_Full	23.89	/	/	17.38	/	/	<=38.45	Pass
		Inner_Full	24.34	/	/	17.83	/	/	<=38.45	Pass
		Inner_1RB_Left	24.21	/	/	17.70	/	/	<=38.45	Pass
		Inner_1RB_Right	24.26	/	/	17.75	/	/	<=38.45	Pass
DFT-s-OFDM QPSK	836.5	Edge_1RB_Left	24.28	/	/	17.77	/	/	<=38.45	Pass
		Edge_1RB_Right	24.31	/	/	17.80	/	/	<=38.45	Pass
		Outer_Full	24.08	/	/	17.57	/	/	<=38.45	Pass
		Inner_Full	24.32	/	/	17.81	/	/	<=38.45	Pass
		Inner_1RB_Left	24.37	/	/	17.86	/	/	<=38.45	Pass
		Inner_1RB_Right	24.46	/	/	17.95	/	/	<=38.45	Pass
	831.5	Edge_1RB_Left	24.19	/	/	17.68	/	/	<=38.45	Pass
		Edge_1RB_Right	24.27	/	/	17.76	/	/	<=38.45	Pass
		Outer_Full	24.05	/	/	17.54	/	/	<=38.45	Pass
		Inner_Full	24.29	/	/	17.78	/	/	<=38.45	Pass
		Inner_1RB_Left	24.39	/	/	17.88	/	/	<=38.45	Pass
		Inner_1RB_Right	24.38	/	/	17.87	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	24.20	/	/	17.69	/	/	<=38.45	Pass
		Edge_1RB_Right	24.41	/	/	17.90	/	/	<=38.45	Pass
		Outer_Full	24.09	/	/	17.58	/	/	<=38.45	Pass
		Inner_Full	24.40	/	/	17.89	/	/	<=38.45	Pass
		Inner_1RB_Left	24.36	/	/	17.85	/	/	<=38.45	Pass
		Inner_1RB_Right	24.49	/	/	17.98	/	/	<=38.45	Pass
DFT-s-OFDM 16 QAM	836.5	Edge_1RB_Left	23.50	/	/	16.99	/	/	<=38.45	Pass
		Edge_1RB_Right	23.51	/	/	17.00	/	/	<=38.45	Pass
		Outer_Full	23.40	/	/	16.89	/	/	<=38.45	Pass
		Inner_Full	24.11	/	/	17.60	/	/	<=38.45	Pass
		Inner_1RB_Left	24.08	/	/	17.57	/	/	<=38.45	Pass
		Inner_1RB_Right	24.16	/	/	17.65	/	/	<=38.45	Pass
	831.5	Edge_1RB_Left	23.40	/	/	16.89	/	/	<=38.45	Pass
		Edge_1RB_Right	23.55	/	/	17.04	/	/	<=38.45	Pass
		Outer_Full	23.34	/	/	16.83	/	/	<=38.45	Pass
		Inner_Full	24.07	/	/	17.56	/	/	<=38.45	Pass
		Inner_1RB_Left	24.08	/	/	17.57	/	/	<=38.45	Pass
		Inner_1RB_Right	24.15	/	/	17.64	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	23.41	/	/	16.90	/	/	<=38.45	Pass
		Edge_1RB_Right	23.67	/	/	17.16	/	/	<=38.45	Pass
		Outer_Full	23.38	/	/	16.87	/	/	<=38.45	Pass
		Inner_Full	24.06	/	/	17.55	/	/	<=38.45	Pass
		Inner_1RB_Left	24.17	/	/	17.66	/	/	<=38.45	Pass
		Inner_1RB_Right	24.14	/	/	17.63	/	/	<=38.45	Pass
DFT-s-OFDM 64 QAM	836.5	Edge_1RB_Left	22.04	/	/	15.53	/	/	<=38.45	Pass
		Edge_1RB_Right	22.10	/	/	15.59	/	/	<=38.45	Pass
		Outer_Full	22.40	/	/	15.89	/	/	<=38.45	Pass
		Inner_Full	22.42	/	/	15.91	/	/	<=38.45	Pass
		Inner_1RB_Left	22.03	/	/	15.52	/	/	<=38.45	Pass
		Inner_1RB_Right	22.09	/	/	15.58	/	/	<=38.45	Pass
	831.5	Edge_1RB_Left	21.98	/	/	15.47	/	/	<=38.45	Pass
		Edge_1RB_Right	22.25	/	/	15.74	/	/	<=38.45	Pass

		Outer_Full	22.38	/	/	15.87	/	/	<=38.45	Pass
		Inner_Full	22.36	/	/	15.85	/	/	<=38.45	Pass
		Inner_1RB_Left	22.12	/	/	15.61	/	/	<=38.45	Pass
		Inner_1RB_Right	22.04	/	/	15.53	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	22.02	/	/	15.51	/	/	<=38.45	Pass
		Edge_1RB_Right	22.13	/	/	15.62	/	/	<=38.45	Pass
		Outer_Full	22.43	/	/	15.92	/	/	<=38.45	Pass
		Inner_Full	22.40	/	/	15.89	/	/	<=38.45	Pass
		Inner_1RB_Left	22.05	/	/	15.54	/	/	<=38.45	Pass
		Inner_1RB_Right	22.09	/	/	15.58	/	/	<=38.45	Pass
		Edge_1RB_Left	21.02	/	/	14.51	/	/	<=38.45	Pass
		Edge_1RB_Right	21.05	/	/	14.54	/	/	<=38.45	Pass
DFT-s-OFDM 256 QAM	836.5	Outer_Full	21.06	/	/	14.55	/	/	<=38.45	Pass
		Inner_Full	21.06	/	/	14.55	/	/	<=38.45	Pass
		Inner_1RB_Left	21.02	/	/	14.51	/	/	<=38.45	Pass
		Inner_1RB_Right	21.07	/	/	14.56	/	/	<=38.45	Pass
		Edge_1RB_Left	20.90	/	/	14.39	/	/	<=38.45	Pass
		Edge_1RB_Right	21.02	/	/	14.51	/	/	<=38.45	Pass
	831.5	Outer_Full	21.00	/	/	14.49	/	/	<=38.45	Pass
		Inner_Full	21.01	/	/	14.50	/	/	<=38.45	Pass
		Inner_1RB_Left	20.89	/	/	14.38	/	/	<=38.45	Pass
		Inner_1RB_Right	21.01	/	/	14.50	/	/	<=38.45	Pass
		Edge_1RB_Left	20.95	/	/	14.44	/	/	<=38.45	Pass
		Edge_1RB_Right	21.06	/	/	14.55	/	/	<=38.45	Pass
	841.5	Outer_Full	21.04	/	/	14.53	/	/	<=38.45	Pass
		Inner_Full	21.02	/	/	14.51	/	/	<=38.45	Pass
		Inner_1RB_Left	20.97	/	/	14.46	/	/	<=38.45	Pass
		Inner_1RB_Right	21.14	/	/	14.63	/	/	<=38.45	Pass
		Edge_1RB_Left	21.82	/	/	15.31	/	/	<=38.45	Pass
		Edge_1RB_Right	21.89	/	/	15.38	/	/	<=38.45	Pass
CP-OFDM QPSK	836.5	Outer_Full	21.90	/	/	15.39	/	/	<=38.45	Pass
		Inner_Full	23.37	/	/	16.86	/	/	<=38.45	Pass
		Inner_1RB_Left	23.41	/	/	16.90	/	/	<=38.45	Pass
		Inner_1RB_Right	23.54	/	/	17.03	/	/	<=38.45	Pass
		Edge_1RB_Left	21.77	/	/	15.26	/	/	<=38.45	Pass
		Edge_1RB_Right	21.85	/	/	15.34	/	/	<=38.45	Pass
	831.5	Outer_Full	21.85	/	/	15.34	/	/	<=38.45	Pass
		Inner_Full	23.32	/	/	16.81	/	/	<=38.45	Pass
		Inner_1RB_Left	23.30	/	/	16.79	/	/	<=38.45	Pass
		Inner_1RB_Right	23.37	/	/	16.86	/	/	<=38.45	Pass
		Edge_1RB_Left	21.76	/	/	15.25	/	/	<=38.45	Pass
		Edge_1RB_Right	21.69	/	/	15.18	/	/	<=38.45	Pass
	841.5	Outer_Full	21.90	/	/	15.39	/	/	<=38.45	Pass
		Inner_Full	23.48	/	/	16.97	/	/	<=38.45	Pass
		Inner_1RB_Left	23.08	/	/	16.57	/	/	<=38.45	Pass
		Inner_1RB_Right	22.94	/	/	16.43	/	/	<=38.45	Pass
		Edge_1RB_Left	22.02	/	/	15.51	/	/	<=38.45	Pass
		Edge_1RB_Right	22.05	/	/	15.54	/	/	<=38.45	Pass
CP-OFDM 16 QAM	836.5	Outer_Full	21.90	/	/	15.39	/	/	<=38.45	Pass
		Inner_Full	22.95	/	/	16.44	/	/	<=38.45	Pass
		Inner_1RB_Left	22.98	/	/	16.47	/	/	<=38.45	Pass
		Inner_1RB_Right	23.03	/	/	16.52	/	/	<=38.45	Pass
		Edge_1RB_Left	21.92	/	/	15.41	/	/	<=38.45	Pass
		Edge_1RB_Right	22.04	/	/	15.53	/	/	<=38.45	Pass
	831.5	Outer_Full	21.83	/	/	15.32	/	/	<=38.45	Pass
		Inner_Full	22.90	/	/	16.39	/	/	<=38.45	Pass
		Inner_1RB_Left	22.88	/	/	16.37	/	/	<=38.45	Pass
		Inner_1RB_Right	23.09	/	/	16.58	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	21.73	/	/	15.22	/	/	<=38.45	Pass

		Edge_1RB_Right	21.79	/	/	15.28	/	/	<=38.45	Pass
		Outer_Full	21.89	/	/	15.38	/	/	<=38.45	Pass
		Inner_Full	22.98	/	/	16.47	/	/	<=38.45	Pass
		Inner_1RB_Left	22.60	/	/	16.09	/	/	<=38.45	Pass
		Inner_1RB_Right	22.52	/	/	16.01	/	/	<=38.45	Pass
CP-OFDM 64 QAM	836.5	Edge_1RB_Left	21.36	/	/	14.85	/	/	<=38.45	Pass
		Edge_1RB_Right	21.23	/	/	14.72	/	/	<=38.45	Pass
		Outer_Full	21.42	/	/	14.91	/	/	<=38.45	Pass
		Inner_Full	21.42	/	/	14.91	/	/	<=38.45	Pass
		Inner_1RB_Left	21.12	/	/	14.61	/	/	<=38.45	Pass
		Inner_1RB_Right	21.23	/	/	14.72	/	/	<=38.45	Pass
	831.5	Edge_1RB_Left	21.07	/	/	14.56	/	/	<=38.45	Pass
		Edge_1RB_Right	21.21	/	/	14.70	/	/	<=38.45	Pass
		Outer_Full	21.35	/	/	14.84	/	/	<=38.45	Pass
		Inner_Full	21.35	/	/	14.84	/	/	<=38.45	Pass
		Inner_1RB_Left	21.11	/	/	14.60	/	/	<=38.45	Pass
		Inner_1RB_Right	21.18	/	/	14.67	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	21.31	/	/	14.80	/	/	<=38.45	Pass
		Edge_1RB_Right	21.21	/	/	14.70	/	/	<=38.45	Pass
		Outer_Full	21.43	/	/	14.92	/	/	<=38.45	Pass
		Inner_Full	21.45	/	/	14.94	/	/	<=38.45	Pass
		Inner_1RB_Left	21.24	/	/	14.73	/	/	<=38.45	Pass
		Inner_1RB_Right	21.23	/	/	14.72	/	/	<=38.45	Pass
CP-OFDM 256 QAM	836.5	Edge_1RB_Left	18.37	/	/	11.86	/	/	<=38.45	Pass
		Edge_1RB_Right	18.40	/	/	11.89	/	/	<=38.45	Pass
		Outer_Full	18.43	/	/	11.92	/	/	<=38.45	Pass
		Inner_Full	18.43	/	/	11.92	/	/	<=38.45	Pass
		Inner_1RB_Left	18.31	/	/	11.80	/	/	<=38.45	Pass
		Inner_1RB_Right	18.40	/	/	11.89	/	/	<=38.45	Pass
	831.5	Edge_1RB_Left	18.31	/	/	11.80	/	/	<=38.45	Pass
		Edge_1RB_Right	18.38	/	/	11.87	/	/	<=38.45	Pass
		Outer_Full	18.31	/	/	11.80	/	/	<=38.45	Pass
		Inner_Full	18.35	/	/	11.84	/	/	<=38.45	Pass
		Inner_1RB_Left	18.26	/	/	11.75	/	/	<=38.45	Pass
		Inner_1RB_Right	18.36	/	/	11.85	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	18.31	/	/	11.80	/	/	<=38.45	Pass
		Edge_1RB_Right	18.38	/	/	11.87	/	/	<=38.45	Pass
		Outer_Full	18.41	/	/	11.90	/	/	<=38.45	Pass
		Inner_Full	18.41	/	/	11.90	/	/	<=38.45	Pass
		Inner_1RB_Left	18.33	/	/	11.82	/	/	<=38.45	Pass
		Inner_1RB_Right	18.37	/	/	11.86	/	/	<=38.45	Pass
Note1: Antenna Gain: Ant31: -4.36dBi;										
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
			Ant31	Ant2	Sum	Ant31	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	836.5	Edge_1RB_Left	23.67	/	/	17.16	/	/	<=38.45	Pass
		Edge_1RB_Right	23.79	/	/	17.28	/	/	<=38.45	Pass
		Outer_Full	23.90	/	/	17.39	/	/	<=38.45	Pass
		Inner_Full	24.32	/	/	17.81	/	/	<=38.45	Pass
		Inner_1RB_Left	24.25	/	/	17.74	/	/	<=38.45	Pass
		Inner_1RB_Right	24.28	/	/	17.77	/	/	<=38.45	Pass
	834	Edge_1RB_Left	23.68	/	/	17.17	/	/	<=38.45	Pass
		Edge_1RB_Right	23.75	/	/	17.24	/	/	<=38.45	Pass
		Outer_Full	23.84	/	/	17.33	/	/	<=38.45	Pass

		Inner_Full	24.30	/	/	17.79	/	/	<=38.45	Pass
		Inner_1RB_Left	24.19	/	/	17.68	/	/	<=38.45	Pass
		Inner_1RB_Right	24.23	/	/	17.72	/	/	<=38.45	Pass
	839	Edge_1RB_Left	23.80	/	/	17.29	/	/	<=38.45	Pass
		Edge_1RB_Right	23.85	/	/	17.34	/	/	<=38.45	Pass
		Outer_Full	23.96	/	/	17.45	/	/	<=38.45	Pass
		Inner_Full	24.43	/	/	17.92	/	/	<=38.45	Pass
		Inner_1RB_Left	24.29	/	/	17.78	/	/	<=38.45	Pass
		Inner_1RB_Right	24.31	/	/	17.80	/	/	<=38.45	Pass
DFT-s-OFDM QPSK	836.5	Edge_1RB_Left	24.23	/	/	17.72	/	/	<=38.45	Pass
		Edge_1RB_Right	24.39	/	/	17.88	/	/	<=38.45	Pass
		Outer_Full	24.10	/	/	17.59	/	/	<=38.45	Pass
		Inner_Full	24.35	/	/	17.84	/	/	<=38.45	Pass
		Inner_1RB_Left	24.36	/	/	17.85	/	/	<=38.45	Pass
		Inner_1RB_Right	24.45	/	/	17.94	/	/	<=38.45	Pass
	834	Edge_1RB_Left	24.16	/	/	17.65	/	/	<=38.45	Pass
		Edge_1RB_Right	24.29	/	/	17.78	/	/	<=38.45	Pass
		Outer_Full	24.03	/	/	17.52	/	/	<=38.45	Pass
		Inner_Full	24.29	/	/	17.78	/	/	<=38.45	Pass
		Inner_1RB_Left	24.35	/	/	17.84	/	/	<=38.45	Pass
		Inner_1RB_Right	24.44	/	/	17.93	/	/	<=38.45	Pass
	839	Edge_1RB_Left	24.06	/	/	17.55	/	/	<=38.45	Pass
		Edge_1RB_Right	24.04	/	/	17.53	/	/	<=38.45	Pass
		Outer_Full	24.20	/	/	17.69	/	/	<=38.45	Pass
		Inner_Full	24.42	/	/	17.91	/	/	<=38.45	Pass
		Inner_1RB_Left	24.34	/	/	17.83	/	/	<=38.45	Pass
		Inner_1RB_Right	24.44	/	/	17.93	/	/	<=38.45	Pass
DFT-s-OFDM 16 QAM	836.5	Edge_1RB_Left	23.42	/	/	16.91	/	/	<=38.45	Pass
		Edge_1RB_Right	23.48	/	/	16.97	/	/	<=38.45	Pass
		Outer_Full	23.38	/	/	16.87	/	/	<=38.45	Pass
		Inner_Full	24.15	/	/	17.64	/	/	<=38.45	Pass
		Inner_1RB_Left	24.13	/	/	17.62	/	/	<=38.45	Pass
		Inner_1RB_Right	24.14	/	/	17.63	/	/	<=38.45	Pass
	834	Edge_1RB_Left	23.30	/	/	16.79	/	/	<=38.45	Pass
		Edge_1RB_Right	23.41	/	/	16.90	/	/	<=38.45	Pass
		Outer_Full	23.31	/	/	16.80	/	/	<=38.45	Pass
		Inner_Full	24.11	/	/	17.60	/	/	<=38.45	Pass
		Inner_1RB_Left	23.98	/	/	17.47	/	/	<=38.45	Pass
		Inner_1RB_Right	24.12	/	/	17.61	/	/	<=38.45	Pass
	839	Edge_1RB_Left	23.46	/	/	16.95	/	/	<=38.45	Pass
		Edge_1RB_Right	23.53	/	/	17.02	/	/	<=38.45	Pass
		Outer_Full	23.44	/	/	16.93	/	/	<=38.45	Pass
		Inner_Full	24.18	/	/	17.67	/	/	<=38.45	Pass
		Inner_1RB_Left	24.18	/	/	17.67	/	/	<=38.45	Pass
		Inner_1RB_Right	24.21	/	/	17.70	/	/	<=38.45	Pass
DFT-s-OFDM 64 QAM	836.5	Edge_1RB_Left	22.15	/	/	15.64	/	/	<=38.45	Pass
		Edge_1RB_Right	22.09	/	/	15.58	/	/	<=38.45	Pass
		Outer_Full	22.38	/	/	15.87	/	/	<=38.45	Pass
		Inner_Full	22.42	/	/	15.91	/	/	<=38.45	Pass
		Inner_1RB_Left	22.01	/	/	15.50	/	/	<=38.45	Pass
		Inner_1RB_Right	22.23	/	/	15.72	/	/	<=38.45	Pass
	834	Edge_1RB_Left	21.92	/	/	15.41	/	/	<=38.45	Pass
		Edge_1RB_Right	22.18	/	/	15.67	/	/	<=38.45	Pass
		Outer_Full	22.35	/	/	15.84	/	/	<=38.45	Pass
		Inner_Full	22.36	/	/	15.85	/	/	<=38.45	Pass
		Inner_1RB_Left	21.93	/	/	15.42	/	/	<=38.45	Pass
		Inner_1RB_Right	22.07	/	/	15.56	/	/	<=38.45	Pass
	839	Edge_1RB_Left	22.05	/	/	15.54	/	/	<=38.45	Pass
		Edge_1RB_Right	22.17	/	/	15.66	/	/	<=38.45	Pass

		Outer_Full	22.46	/	/	15.95	/	/	<=38.45	Pass
		Inner_Full	22.48	/	/	15.97	/	/	<=38.45	Pass
		Inner_1RB_Left	22.08	/	/	15.57	/	/	<=38.45	Pass
		Inner_1RB_Right	22.15	/	/	15.64	/	/	<=38.45	Pass
DFT-s-OFDM 256 QAM	836.5	Edge_1RB_Left	20.99	/	/	14.48	/	/	<=38.45	Pass
		Edge_1RB_Right	21.11	/	/	14.60	/	/	<=38.45	Pass
		Outer_Full	21.08	/	/	14.57	/	/	<=38.45	Pass
		Inner_Full	21.13	/	/	14.62	/	/	<=38.45	Pass
		Inner_1RB_Left	20.97	/	/	14.46	/	/	<=38.45	Pass
		Inner_1RB_Right	21.11	/	/	14.60	/	/	<=38.45	Pass
	834	Edge_1RB_Left	20.92	/	/	14.41	/	/	<=38.45	Pass
		Edge_1RB_Right	21.04	/	/	14.53	/	/	<=38.45	Pass
		Outer_Full	21.02	/	/	14.51	/	/	<=38.45	Pass
		Inner_Full	21.05	/	/	14.54	/	/	<=38.45	Pass
		Inner_1RB_Left	20.88	/	/	14.37	/	/	<=38.45	Pass
		Inner_1RB_Right	21.02	/	/	14.51	/	/	<=38.45	Pass
	839	Edge_1RB_Left	21.09	/	/	14.58	/	/	<=38.45	Pass
		Edge_1RB_Right	21.23	/	/	14.72	/	/	<=38.45	Pass
		Outer_Full	21.15	/	/	14.64	/	/	<=38.45	Pass
		Inner_Full	21.14	/	/	14.63	/	/	<=38.45	Pass
		Inner_1RB_Left	21.07	/	/	14.56	/	/	<=38.45	Pass
		Inner_1RB_Right	21.16	/	/	14.65	/	/	<=38.45	Pass
CP-OFDM QPSK	836.5	Edge_1RB_Left	21.82	/	/	15.31	/	/	<=38.45	Pass
		Edge_1RB_Right	21.90	/	/	15.39	/	/	<=38.45	Pass
		Outer_Full	21.89	/	/	15.38	/	/	<=38.45	Pass
		Inner_Full	23.40	/	/	16.89	/	/	<=38.45	Pass
		Inner_1RB_Left	23.57	/	/	17.06	/	/	<=38.45	Pass
		Inner_1RB_Right	23.50	/	/	16.99	/	/	<=38.45	Pass
	834	Edge_1RB_Left	21.75	/	/	15.24	/	/	<=38.45	Pass
		Edge_1RB_Right	21.91	/	/	15.40	/	/	<=38.45	Pass
		Outer_Full	21.82	/	/	15.31	/	/	<=38.45	Pass
		Inner_Full	23.40	/	/	16.89	/	/	<=38.45	Pass
		Inner_1RB_Left	23.52	/	/	17.01	/	/	<=38.45	Pass
		Inner_1RB_Right	23.49	/	/	16.98	/	/	<=38.45	Pass
	839	Edge_1RB_Left	21.88	/	/	15.37	/	/	<=38.45	Pass
		Edge_1RB_Right	21.94	/	/	15.43	/	/	<=38.45	Pass
		Outer_Full	21.95	/	/	15.44	/	/	<=38.45	Pass
		Inner_Full	23.45	/	/	16.94	/	/	<=38.45	Pass
		Inner_1RB_Left	23.46	/	/	16.95	/	/	<=38.45	Pass
		Inner_1RB_Right	23.69	/	/	17.18	/	/	<=38.45	Pass
CP-OFDM 16 QAM	836.5	Edge_1RB_Left	21.98	/	/	15.47	/	/	<=38.45	Pass
		Edge_1RB_Right	21.96	/	/	15.45	/	/	<=38.45	Pass
		Outer_Full	21.90	/	/	15.39	/	/	<=38.45	Pass
		Inner_Full	22.93	/	/	16.42	/	/	<=38.45	Pass
		Inner_1RB_Left	22.93	/	/	16.42	/	/	<=38.45	Pass
		Inner_1RB_Right	22.74	/	/	16.23	/	/	<=38.45	Pass
	834	Edge_1RB_Left	21.98	/	/	15.47	/	/	<=38.45	Pass
		Edge_1RB_Right	22.00	/	/	15.49	/	/	<=38.45	Pass
		Outer_Full	21.94	/	/	15.43	/	/	<=38.45	Pass
		Inner_Full	22.93	/	/	16.42	/	/	<=38.45	Pass
		Inner_1RB_Left	22.93	/	/	16.42	/	/	<=38.45	Pass
		Inner_1RB_Right	23.01	/	/	16.50	/	/	<=38.45	Pass
	839	Edge_1RB_Left	22.06	/	/	15.55	/	/	<=38.45	Pass
		Edge_1RB_Right	22.06	/	/	15.55	/	/	<=38.45	Pass
		Outer_Full	21.98	/	/	15.47	/	/	<=38.45	Pass
		Inner_Full	22.97	/	/	16.46	/	/	<=38.45	Pass
		Inner_1RB_Left	23.01	/	/	16.50	/	/	<=38.45	Pass
		Inner_1RB_Right	22.98	/	/	16.47	/	/	<=38.45	Pass
CP-OFDM 64 QAM	836.5	Edge_1RB_Left	21.09	/	/	14.58	/	/	<=38.45	Pass

Note1: Antenna Gain: Ant31: -4.36dBi;
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	-3.20	-0.0038	>=-2.5 & <=2.5	Pass
				HV	-4.80	-0.0057	>=-2.5 & <=2.5	Pass
			-30	NV	-4.30	-0.0051	>=-2.5 & <=2.5	Pass
			-20	NV	-4.50	-0.0054	>=-2.5 & <=2.5	Pass
			-10	NV	-7.00	-0.0084	>=-2.5 & <=2.5	Pass
			0	NV	-3.80	-0.0045	>=-2.5 & <=2.5	Pass
			10	NV	-5.70	-0.0068	>=-2.5 & <=2.5	Pass
			20	NV	-5.00	-0.0060	>=-2.5 & <=2.5	Pass
			30	NV	-5.80	-0.0069	>=-2.5 & <=2.5	Pass
			40	NV	-7.50	-0.0090	>=-2.5 & <=2.5	Pass
			50	NV	-7.90	-0.0094	>=-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	4.57	5.03	/	Pass
DFT-s-OFDM QPSK	836.5	Outer_Full	4.53	4.96	/	Pass
DFT-s-OFDM 16 QAM	836.5	Outer_Full	4.53	4.98	/	Pass
DFT-s-OFDM 64 QAM	836.5	Outer_Full	4.56	5.00	/	Pass
DFT-s-OFDM 256 QAM	836.5	Outer_Full	4.54	4.99	/	Pass
CP-OFDM QPSK	836.5	Outer_Full	4.54	5.07	/	Pass
CP-OFDM 16 QAM	836.5	Outer_Full	4.54	5.04	/	Pass
CP-OFDM 64 QAM	836.5	Outer_Full	4.53	5.02	/	Pass
CP-OFDM 256 QAM	836.5	Outer_Full	4.53	5.01	/	Pass

3.1.2 15k_SISO_10MHz_NTNV

5G NR n5 SCS=15kHz SISO 10MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	836.5	Outer_Full	9.06	9.72	/	Pass
DFT-s-OFDM QPSK	836.5	Outer_Full	9.06	9.73	/	Pass
DFT-s-OFDM 16 QAM	836.5	Outer_Full	9.08	9.80	/	Pass
DFT-s-OFDM 64 QAM	836.5	Outer_Full	9.08	9.73	/	Pass
DFT-s-OFDM 256 QAM	836.5	Outer_Full	9.00	9.69	/	Pass
CP-OFDM QPSK	836.5	Outer_Full	9.42	10.56	/	Pass
CP-OFDM 16 QAM	836.5	Outer_Full	9.39	10.66	/	Pass

CP-OFDM 64 QAM	836.5	Outer Full	9.42	10.63	/	Pass
CP-OFDM 256 QAM	836.5	Outer Full	9.38	10.06	/	Pass

3.1.3 15k_SISO_15MHz_NTNV

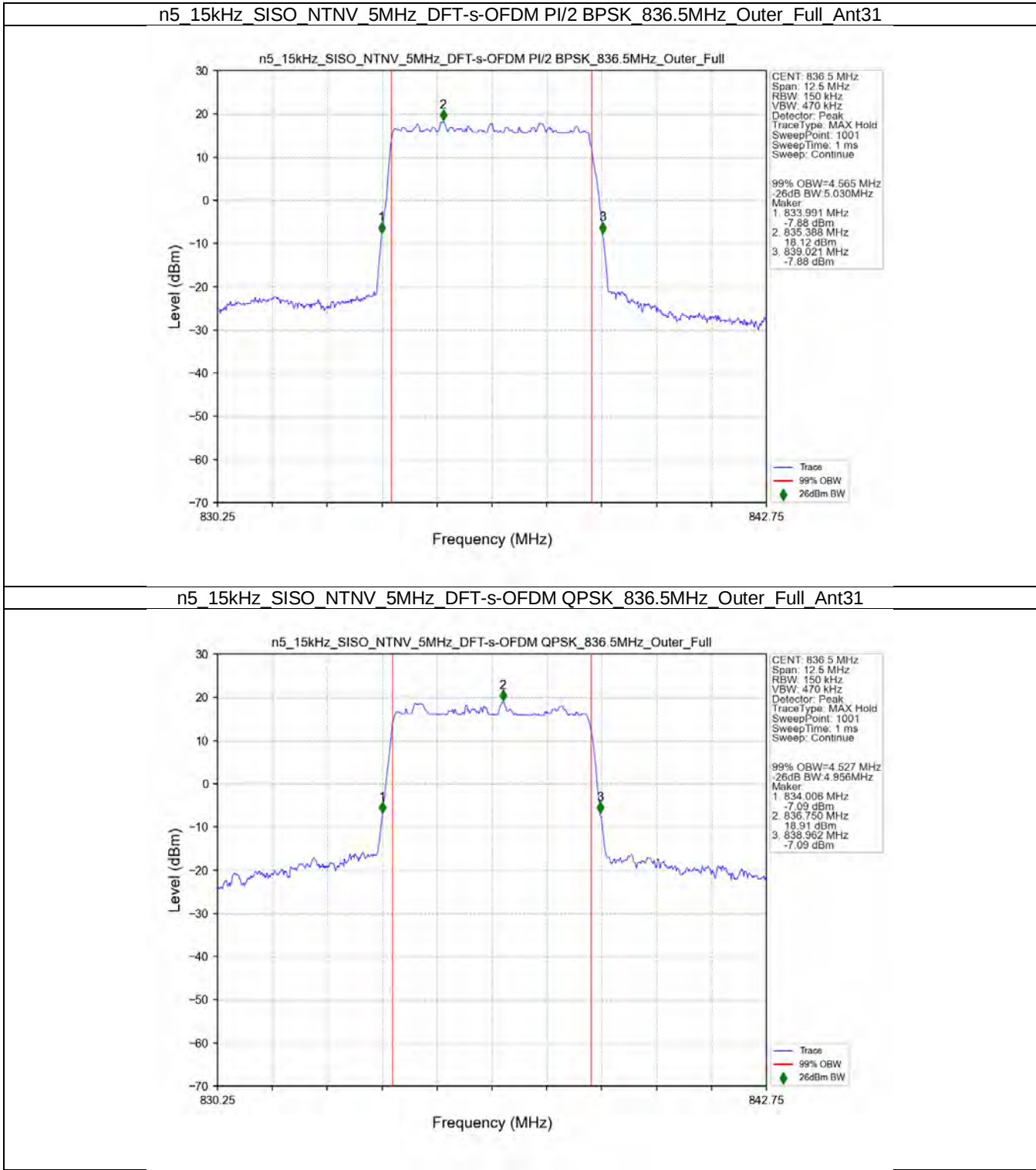
5G NR n5 SCS=15kHz SISO 15MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	836.5	Outer Full	13.62	14.57	/	Pass
DFT-s-OFDM QPSK	836.5	Outer Full	13.59	14.61	/	Pass
DFT-s-OFDM 16 QAM	836.5	Outer Full	13.60	14.64	/	Pass
DFT-s-OFDM 64 QAM	836.5	Outer Full	13.58	14.62	/	Pass
DFT-s-OFDM 256 QAM	836.5	Outer Full	13.54	14.58	/	Pass
CP-OFDM QPSK	836.5	Outer Full	14.28	20.38	/	Pass
CP-OFDM 16 QAM	836.5	Outer Full	14.28	16.42	/	Pass
CP-OFDM 64 QAM	836.5	Outer Full	14.31	15.98	/	Pass
CP-OFDM 256 QAM	836.5	Outer Full	14.28	15.27	/	Pass

3.1.4 15k_SISO_20MHz_NTNV

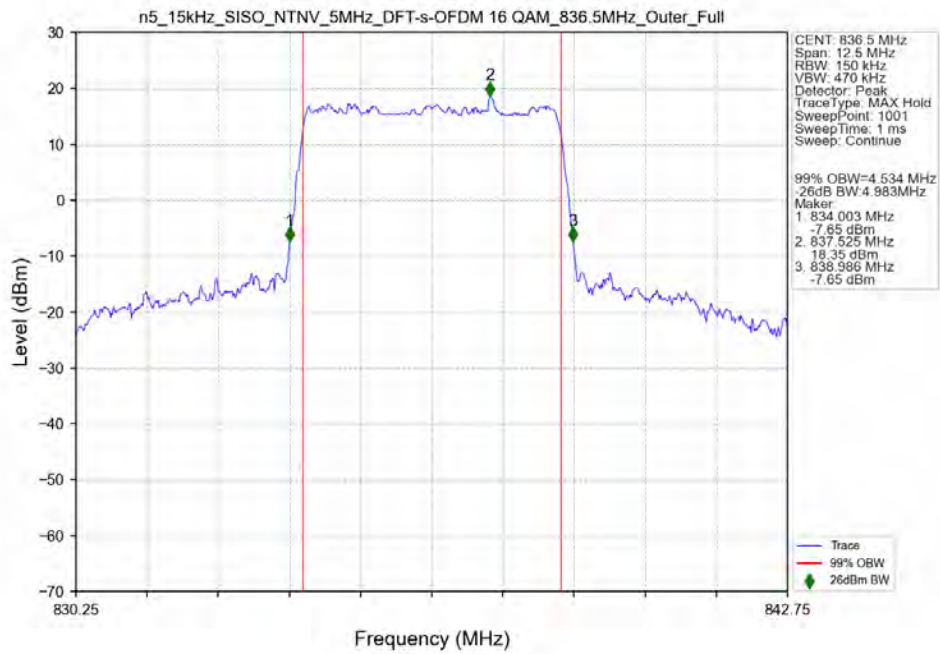
5G NR n5 SCS=15kHz SISO 20MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	836.5	Outer Full	18.12	19.38	/	Pass
DFT-s-OFDM QPSK	836.5	Outer Full	18.11	19.45	/	Pass
DFT-s-OFDM 16 QAM	836.5	Outer Full	18.06	19.39	/	Pass
DFT-s-OFDM 64 QAM	836.5	Outer Full	18.11	19.41	/	Pass
DFT-s-OFDM 256 QAM	836.5	Outer Full	18.01	19.36	/	Pass
CP-OFDM QPSK	836.5	Outer Full	19.18	27.83	/	Pass
CP-OFDM 16 QAM	836.5	Outer Full	19.12	24.96	/	Pass
CP-OFDM 64 QAM	836.5	Outer Full	19.15	23.51	/	Pass
CP-OFDM 256 QAM	836.5	Outer Full	19.06	20.49	/	Pass

3.2 Test Graph

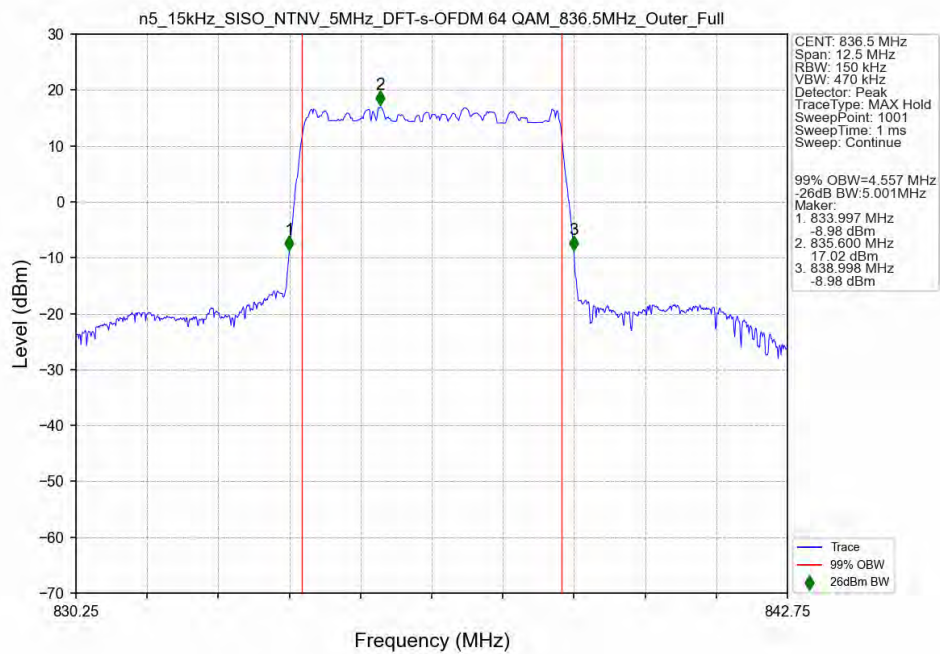
3.2.1 15k_SISO_5MHz_NTNV



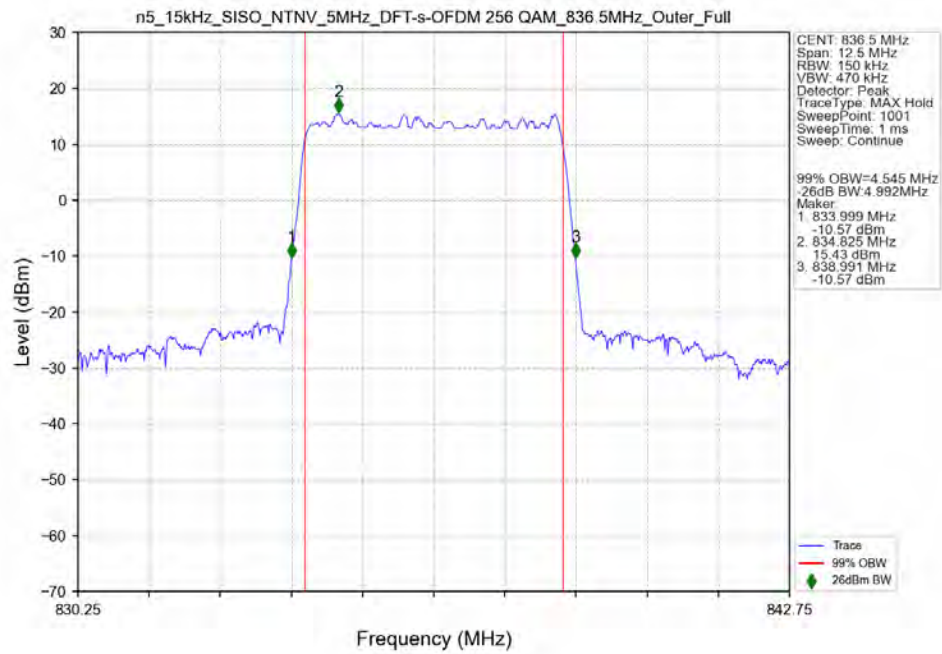
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_16_QAM_836.5MHz_Outer_Full_Ant31



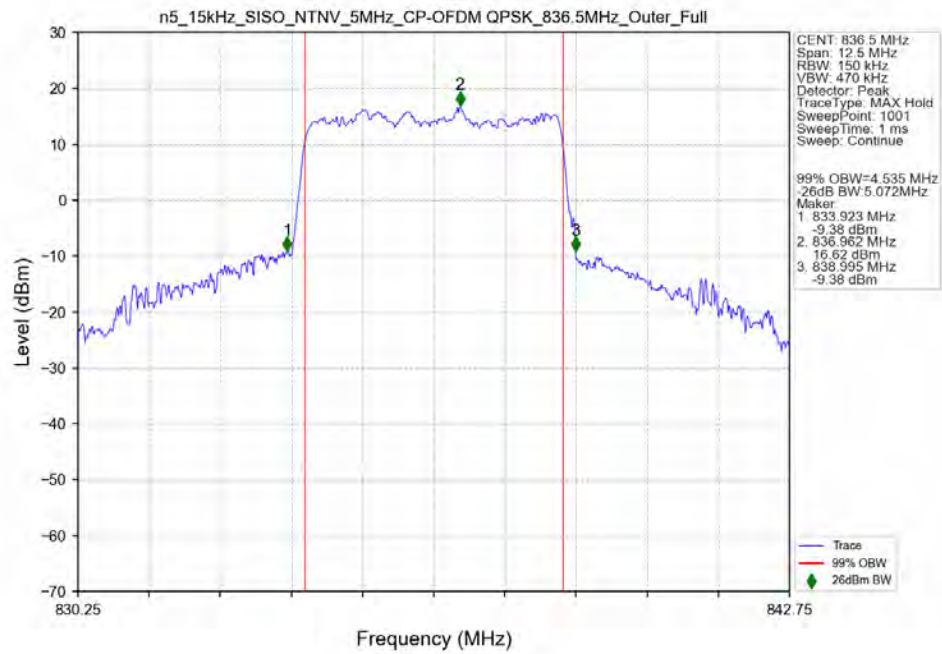
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_64_QAM_836.5MHz_Outer_Full_Ant31



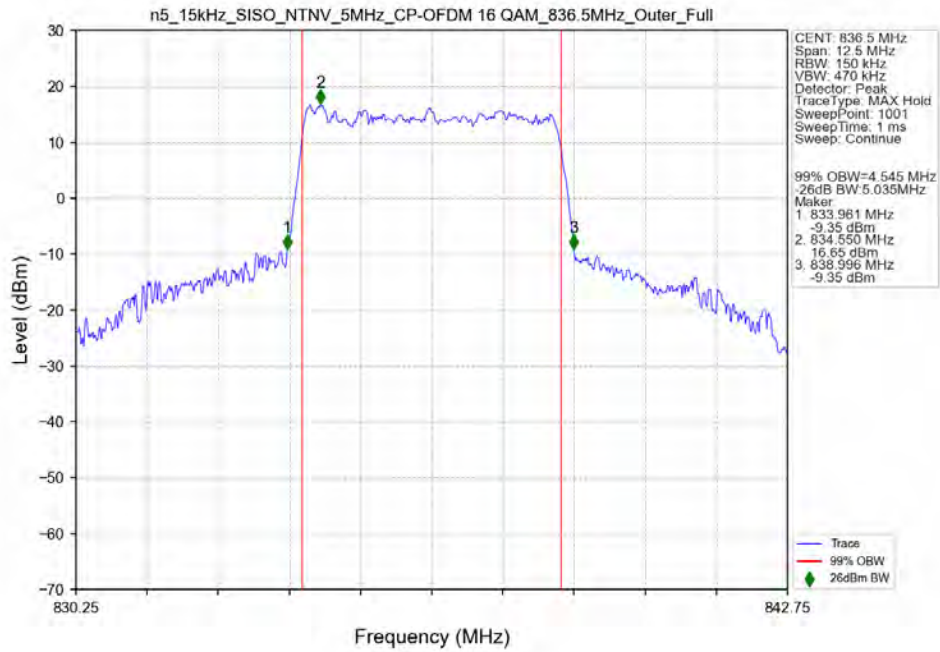
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_256_QAM_836.5MHz_Outer_Full_Ant31



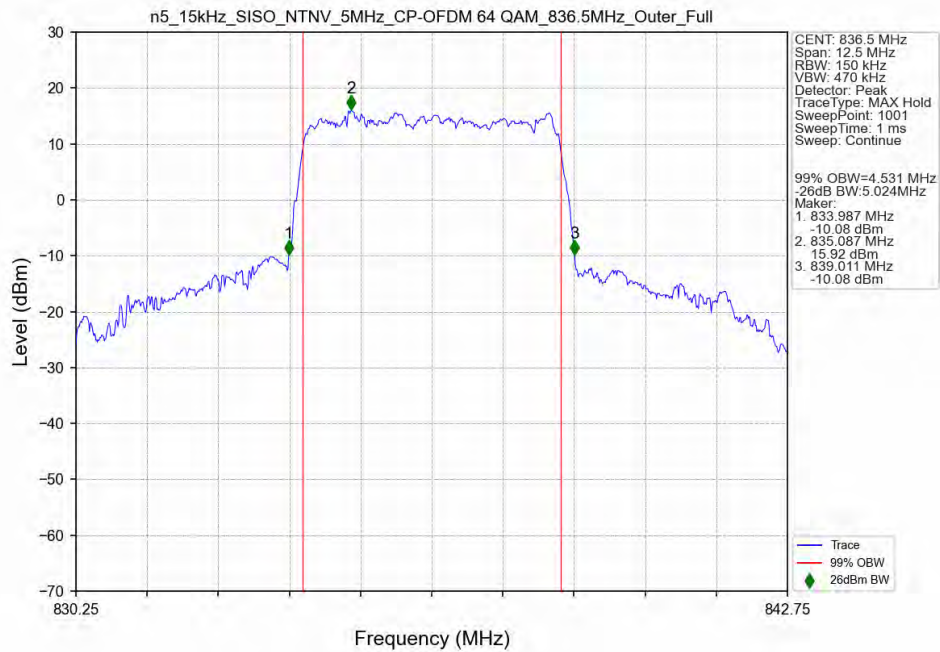
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_836.5MHz_Outer_Full_Ant31



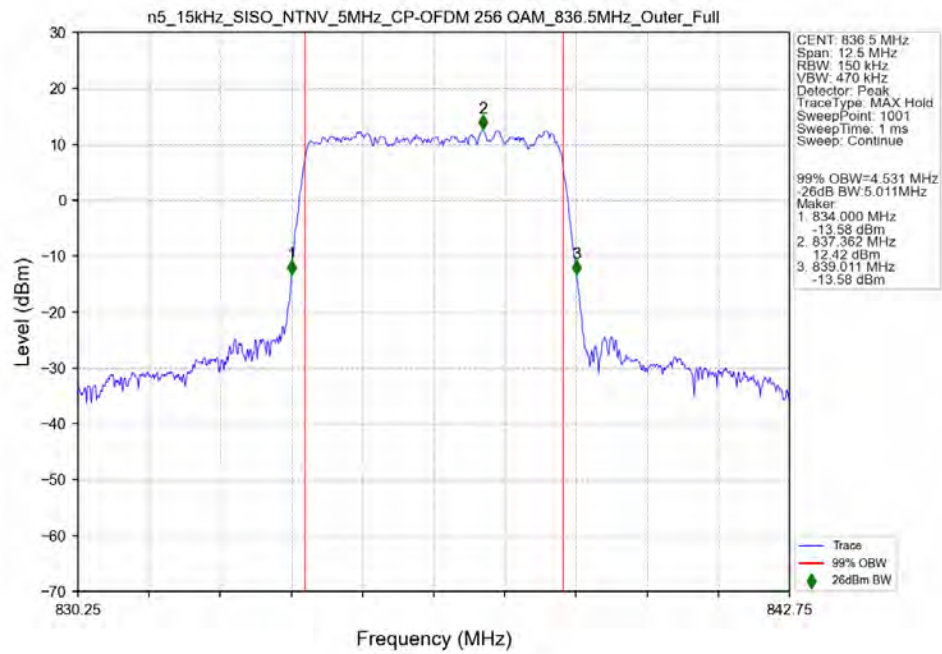
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM 16 QAM 836.5MHz_Outer_Full_Ant31



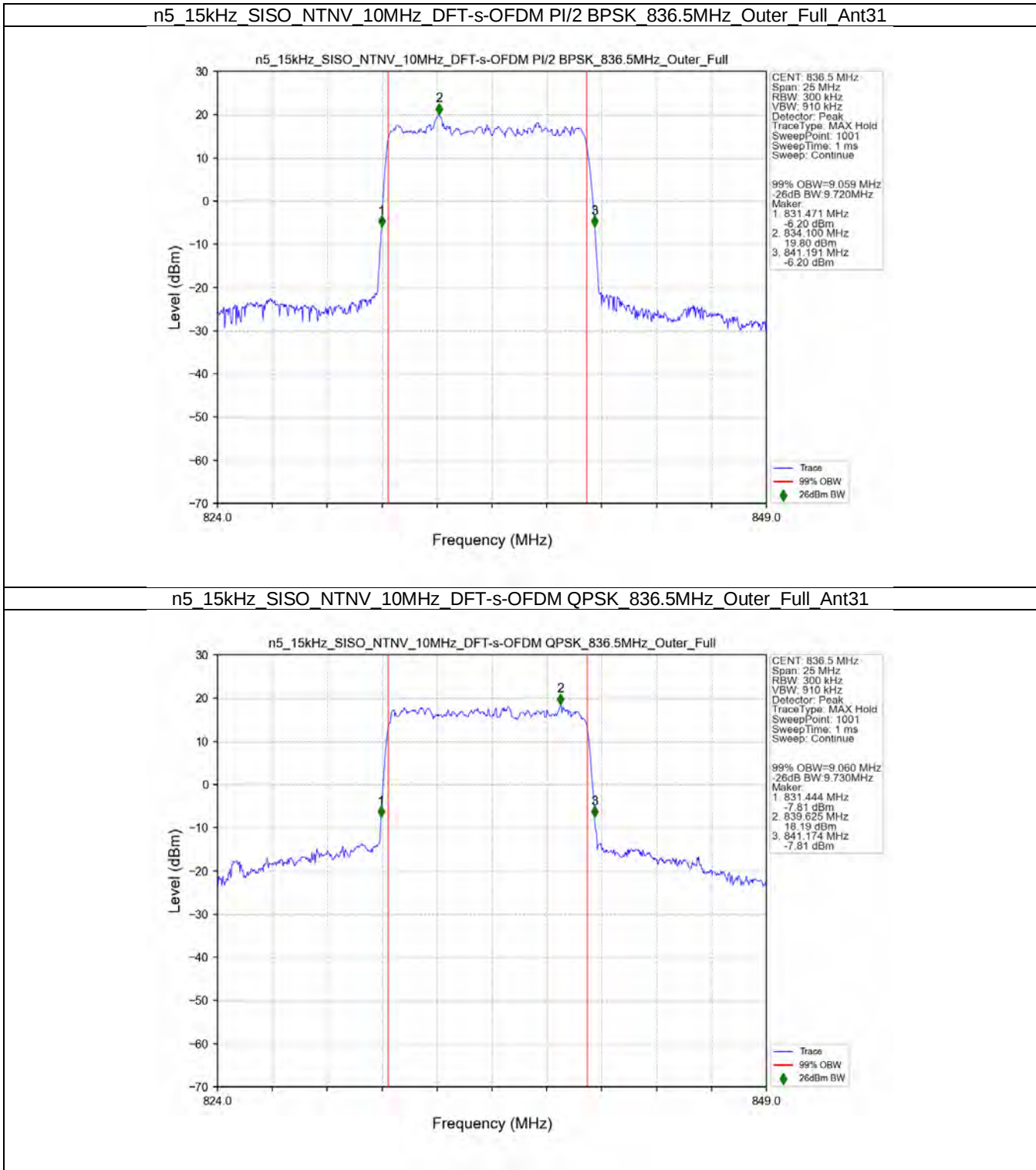
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM 64 QAM 836.5MHz_Outer_Full_Ant31



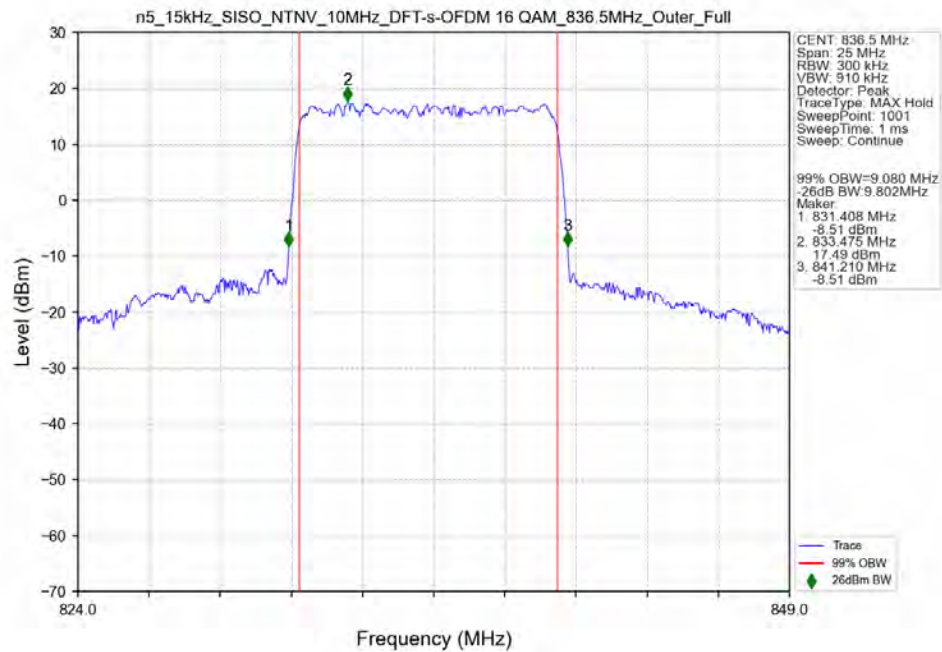
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_256_QAM_836.5MHz_Outer_Full_Ant31



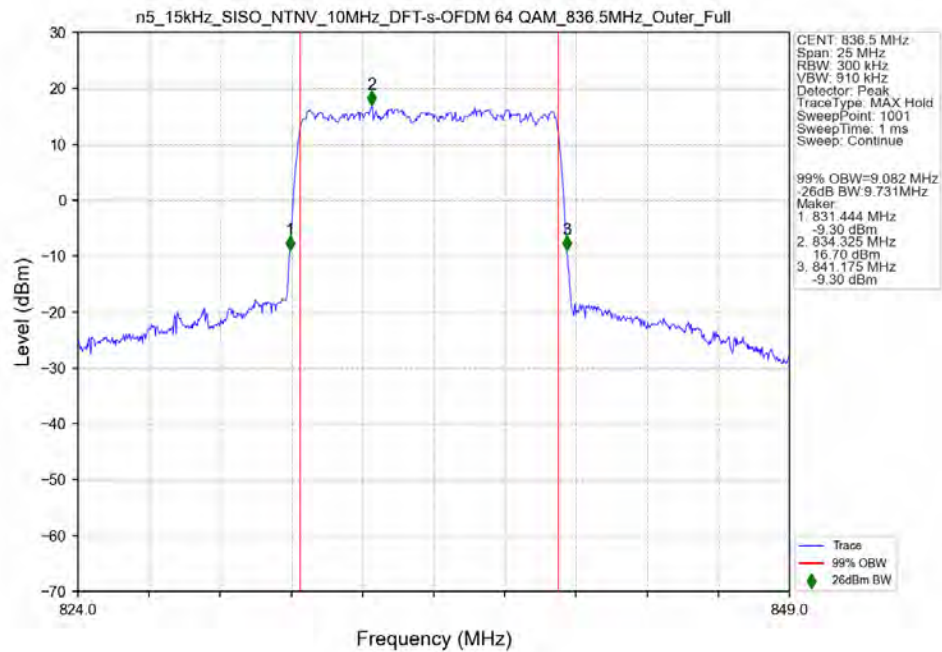
3.2.2 15k_SISO_10MHz_NTNV



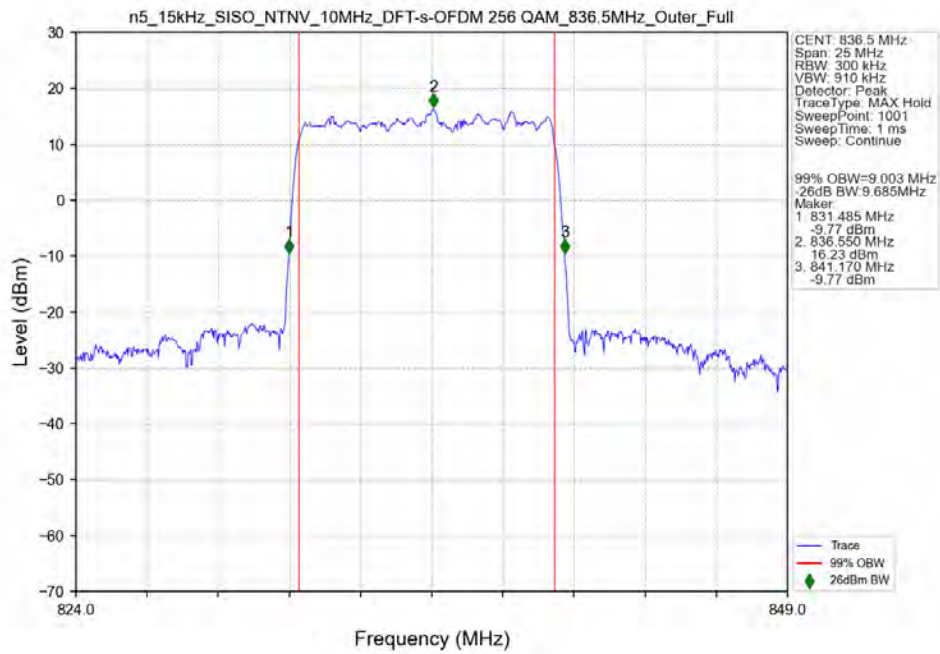
n5_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_16_QAM_836.5MHz_Outer_Full_Ant31



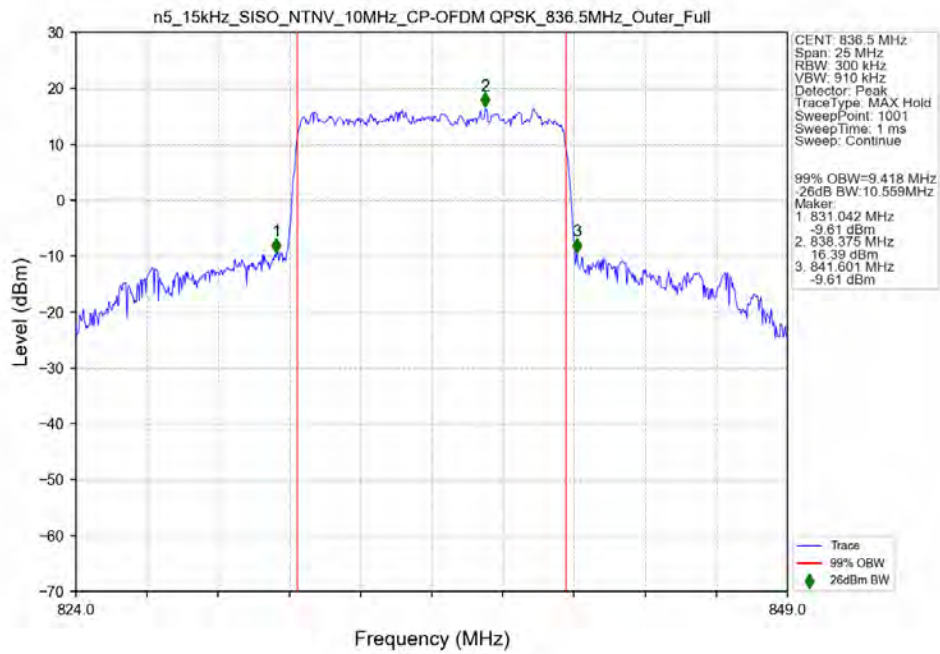
n5_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_64_QAM_836.5MHz_Outer_Full_Ant31



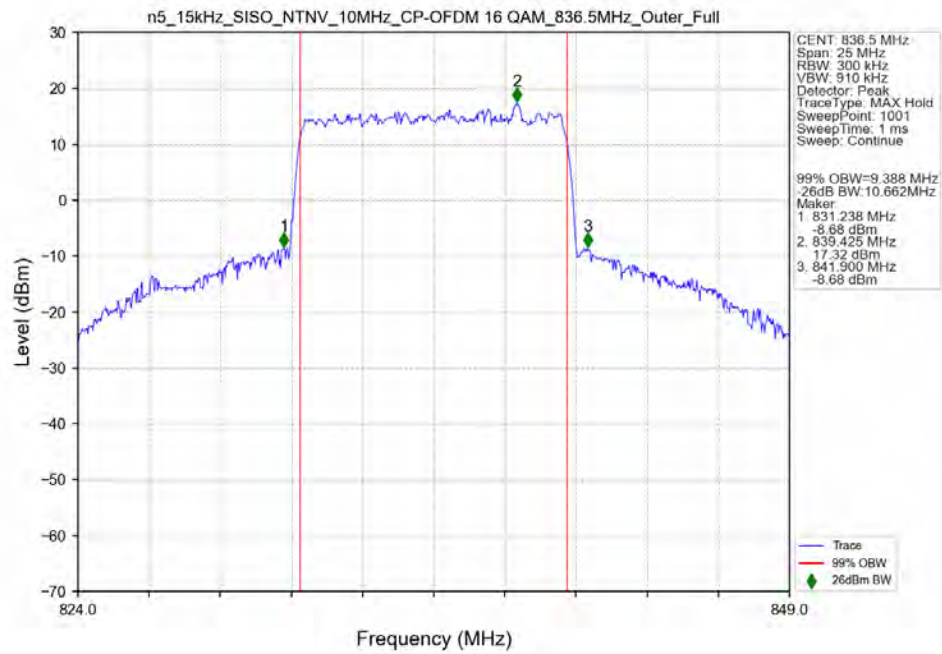
n5_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_256_QAM_836.5MHz_Outer_Full_Ant31



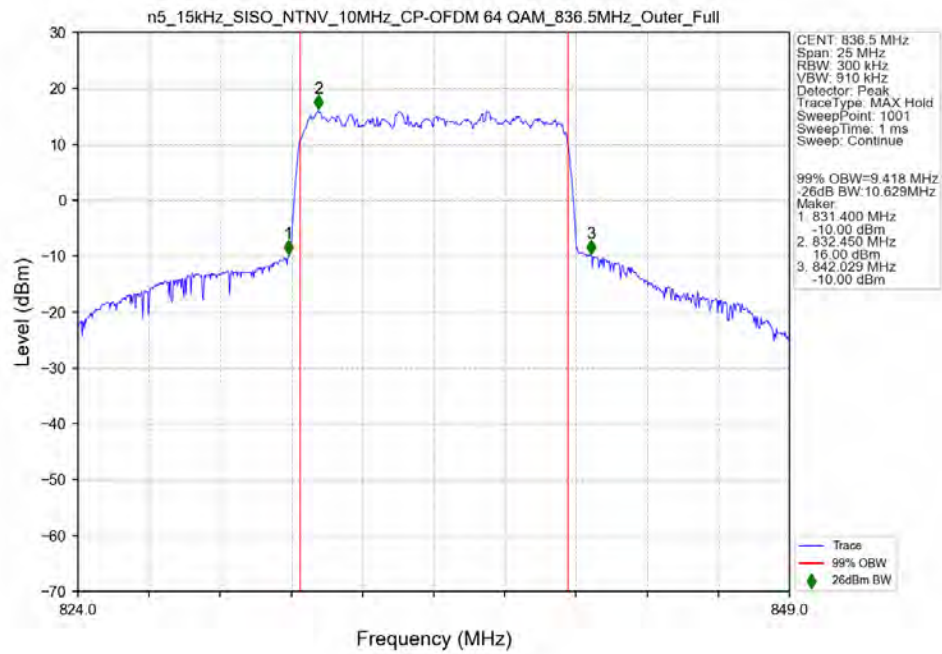
n5_15kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_836.5MHz_Outer_Full_Ant31



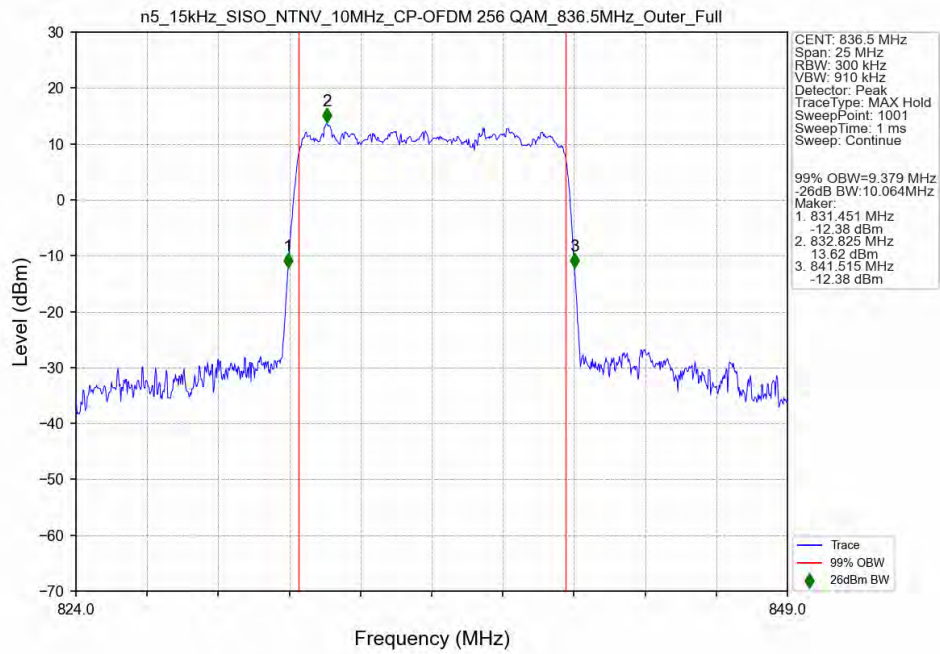
n5_15kHz_SISO_NTNV_10MHz_CP-OFDM 16 QAM 836.5MHz Outer Full Ant31



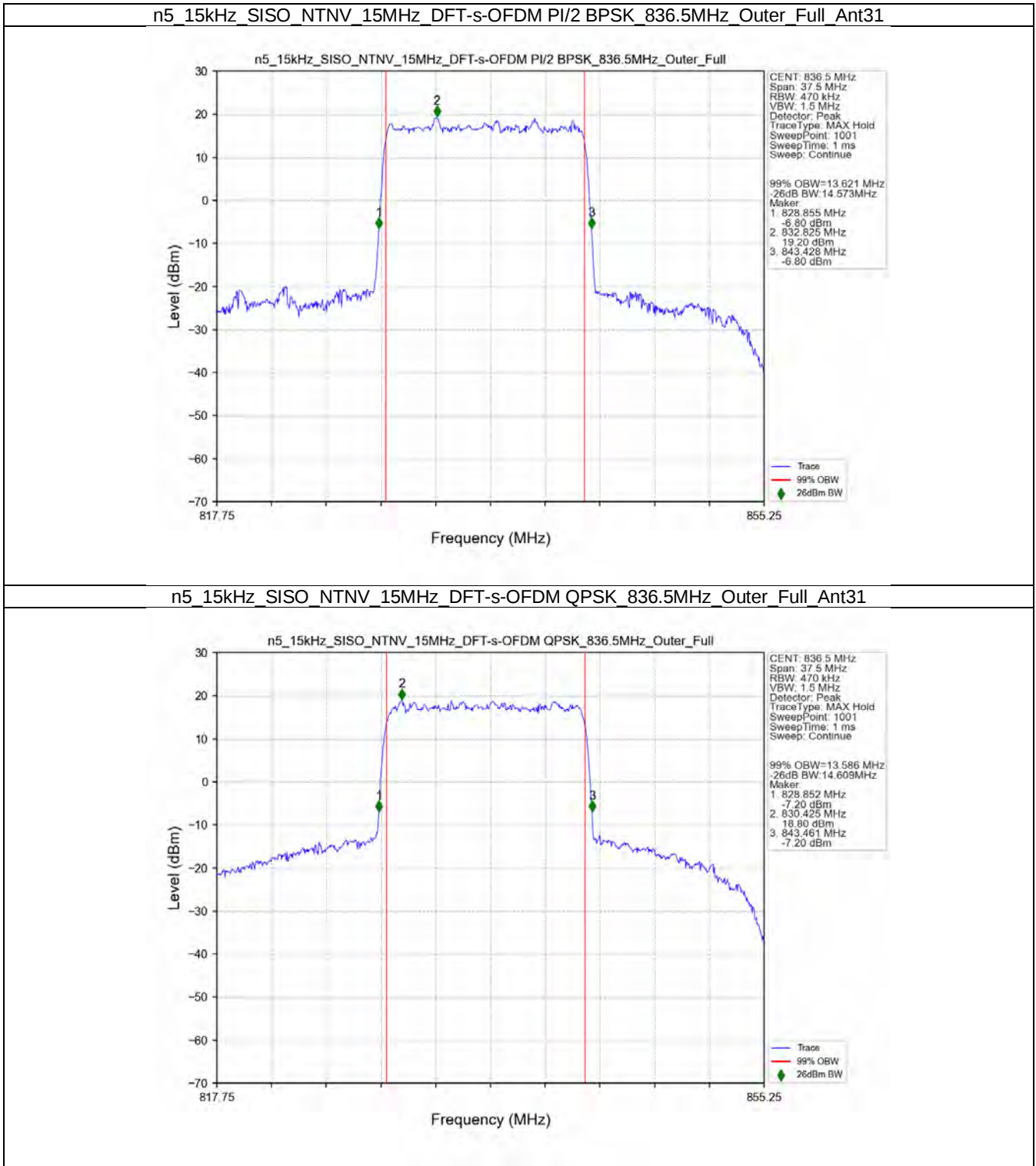
n5_15kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM 836.5MHz Outer Full Ant31



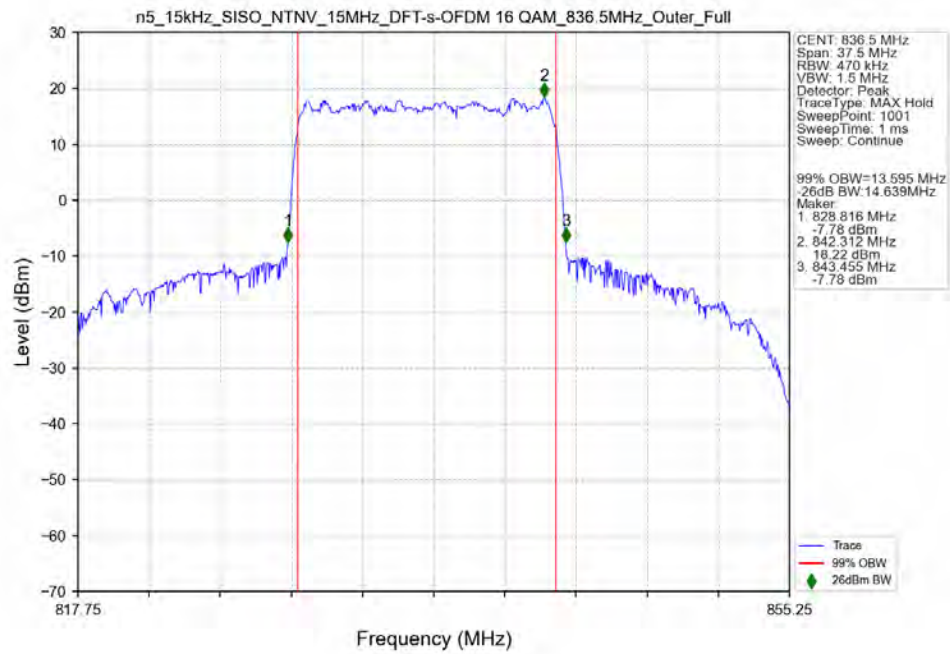
n5_15kHz_SISO_NTNV_10MHz_CP-OFDM_256_QAM_836.5MHz_Outer_Full_Ant31



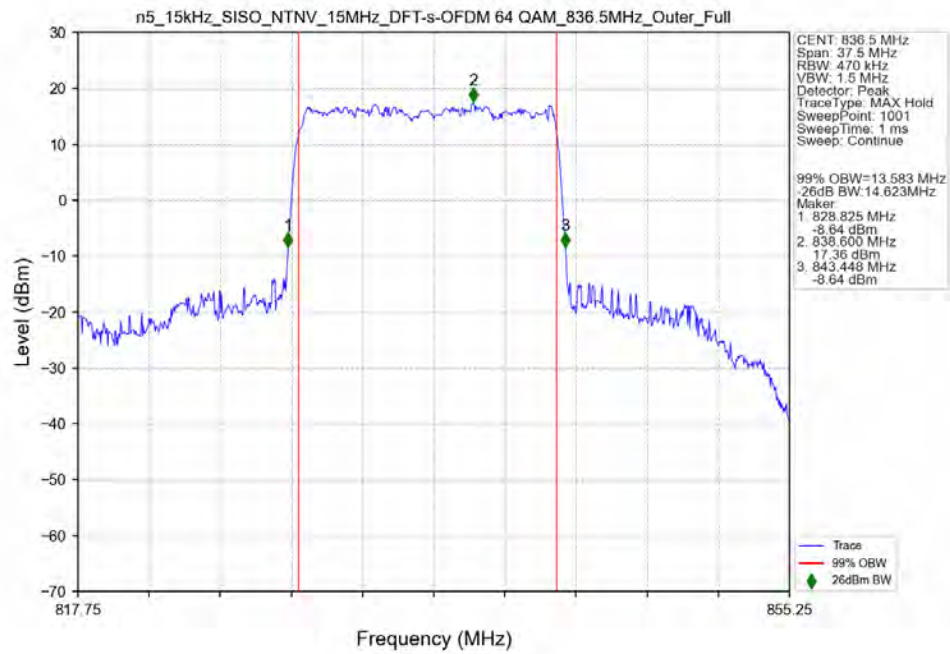
3.2.3 15k_SISO_15MHz_NTNV



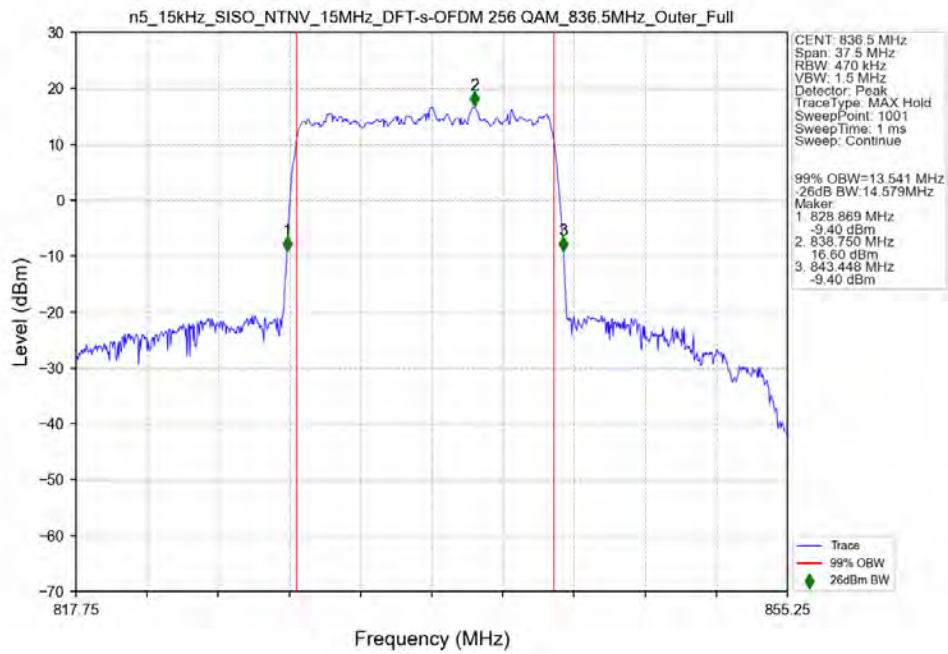
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_16_QAM_836.5MHz_Outer_Full_Ant31



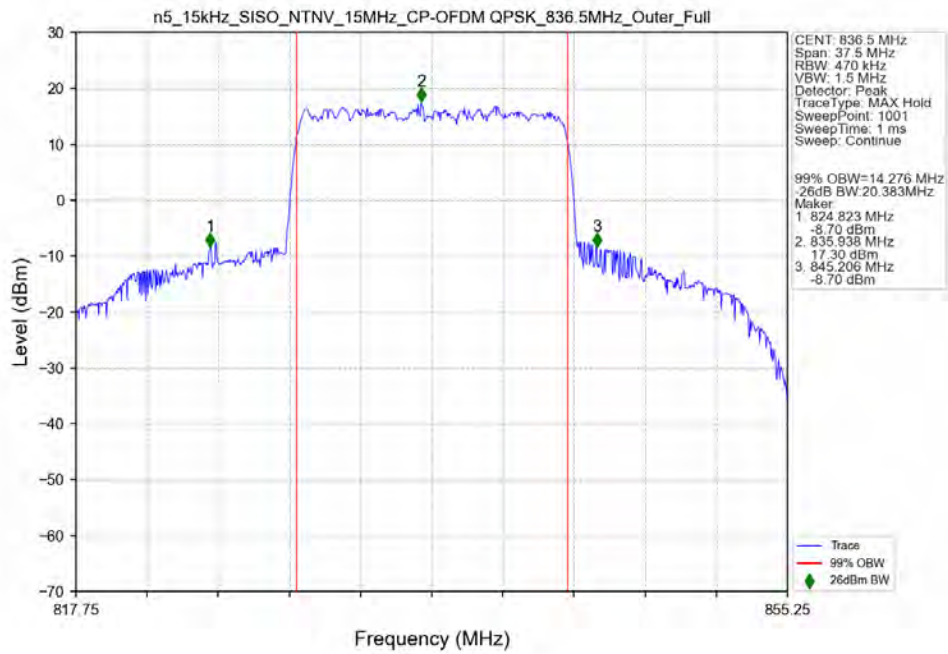
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_64_QAM_836.5MHz_Outer_Full_Ant31



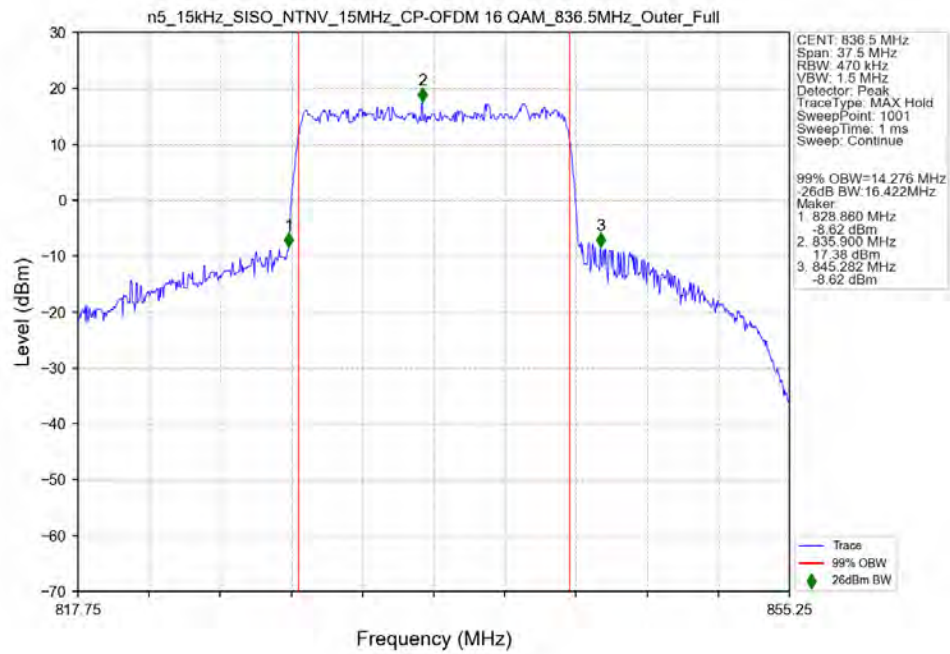
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_256_QAM_836.5MHz_Outer_Full_Ant31



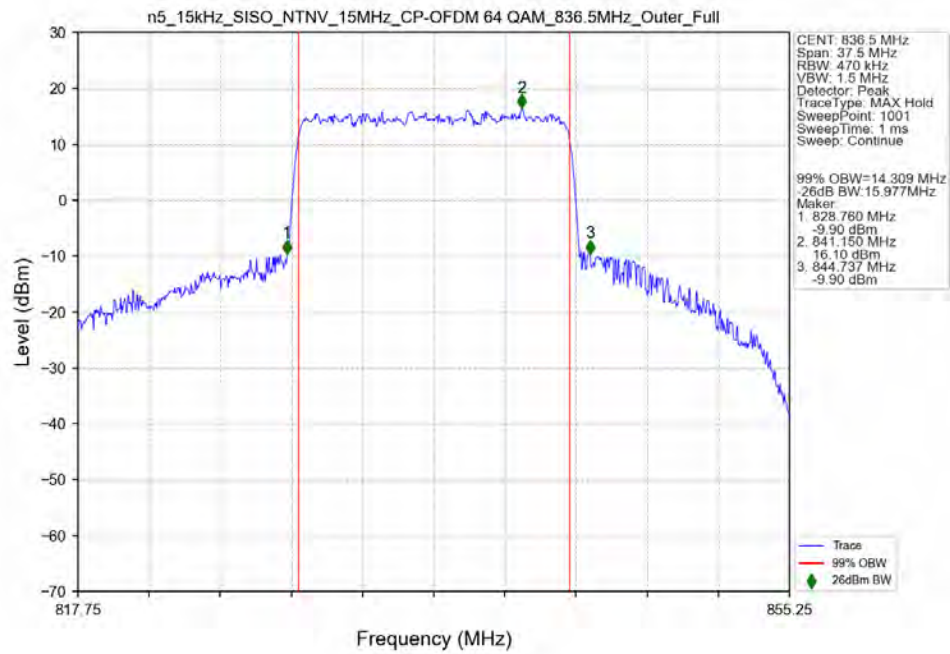
n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_836.5MHz_Outer_Full_Ant31



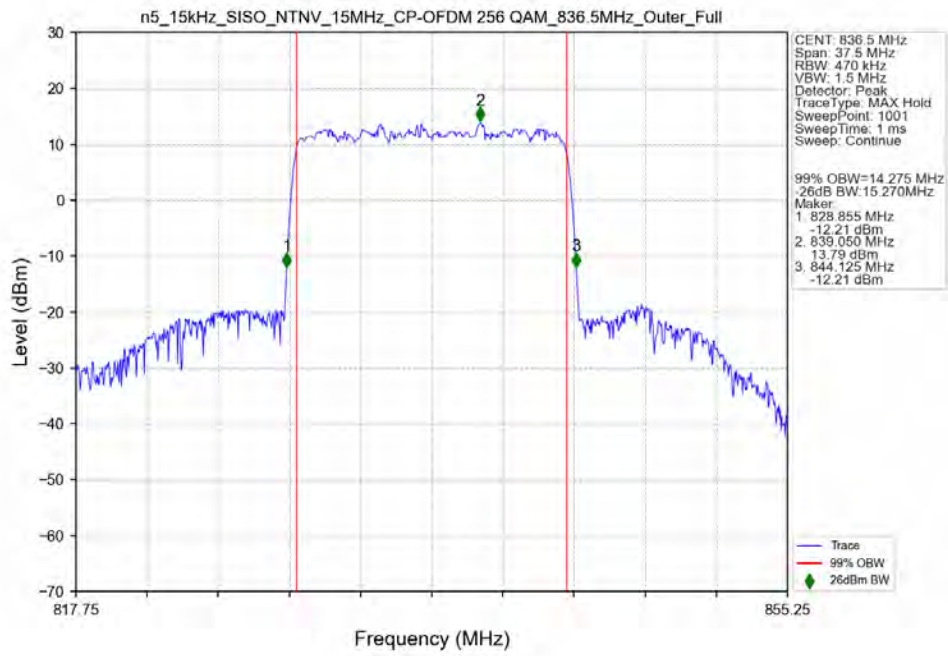
n5_15kHz_SISO_NTNV_15MHz_CP-OFDM 16 QAM 836.5MHz_Outer_Full_Ant31



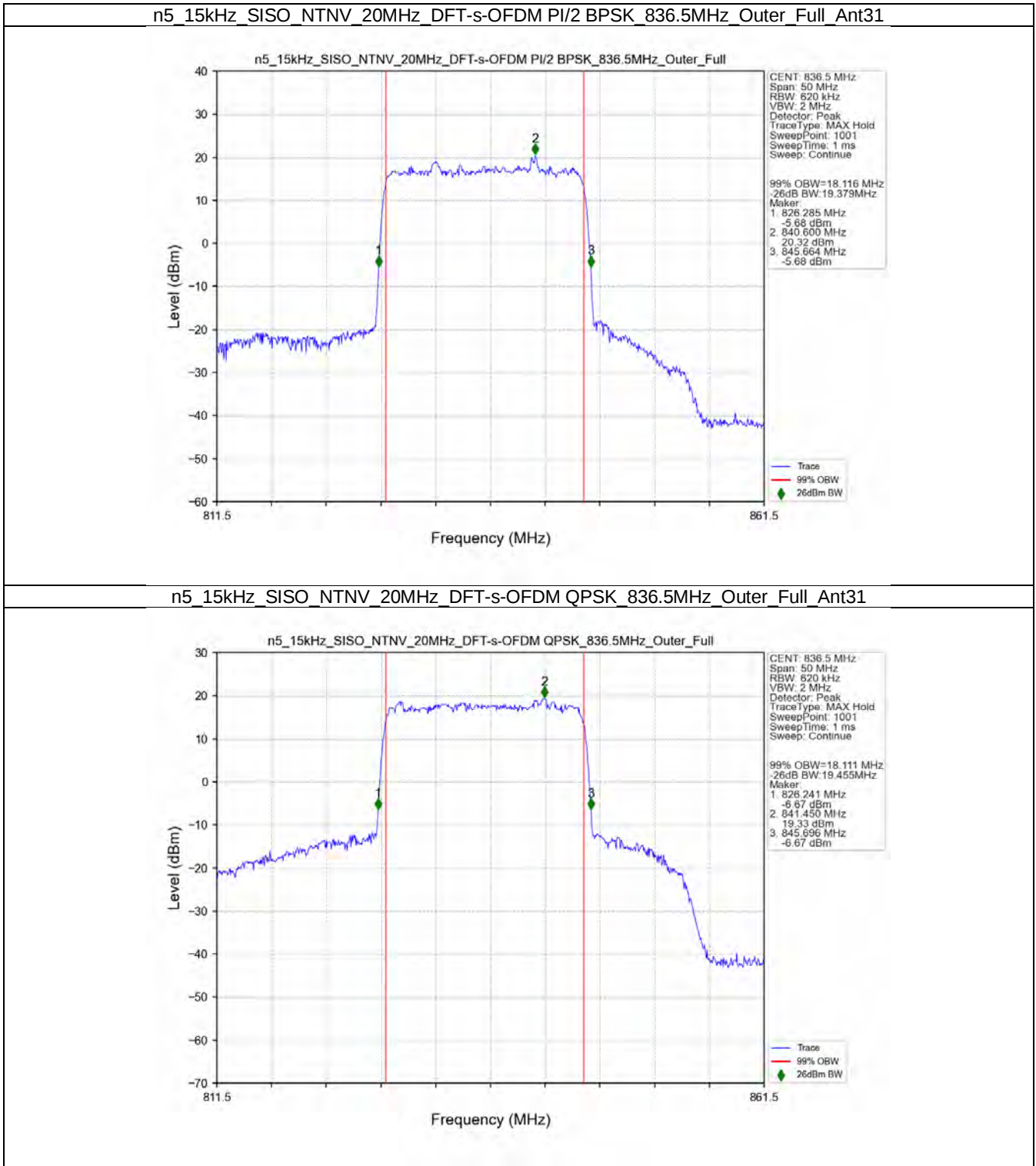
n5_15kHz_SISO_NTNV_15MHz_CP-OFDM 64 QAM 836.5MHz_Outer_Full_Ant31



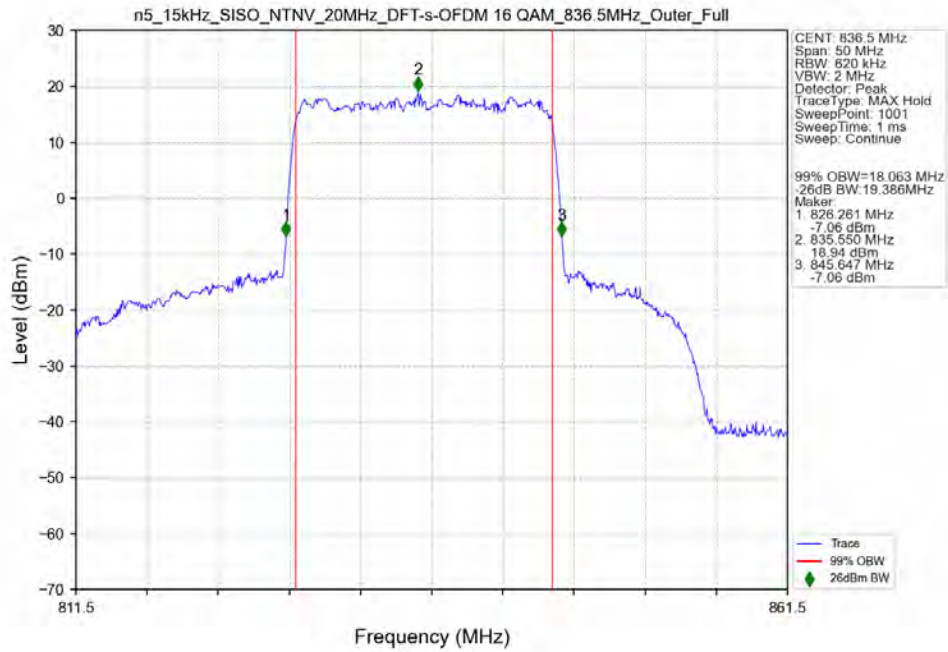
n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_256_QAM_836.5MHz_Outer_Full_Ant31



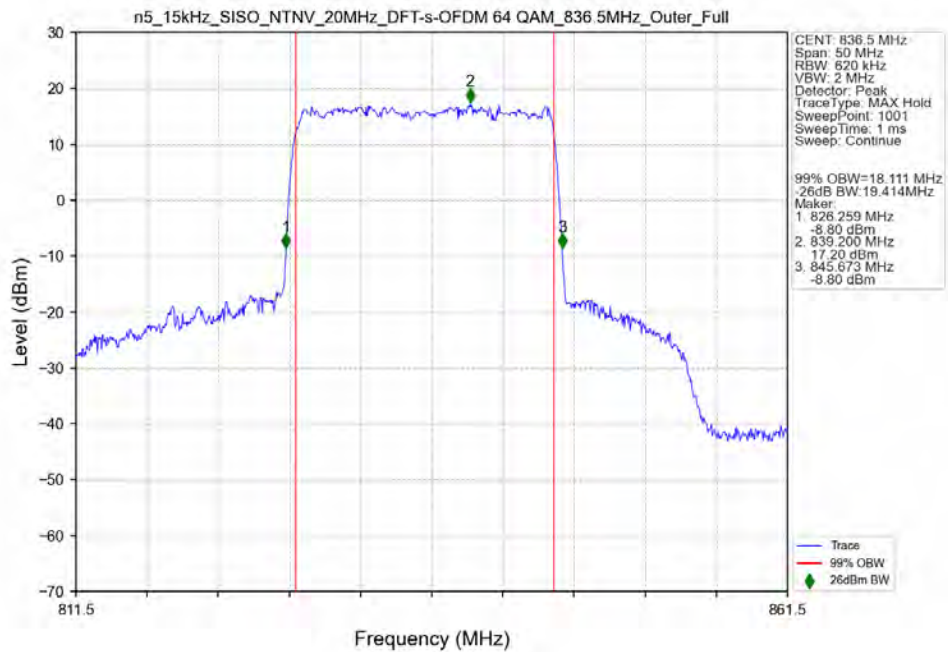
3.2.4 15k_SISO_20MHz_NTNV



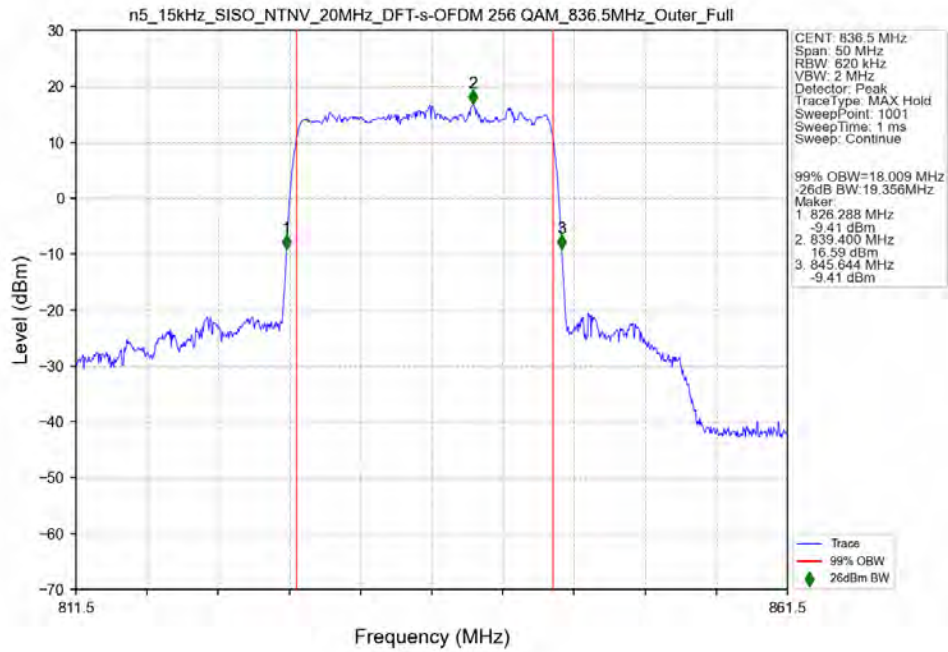
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_16_QAM_836.5MHz_Outer_Full_Ant31



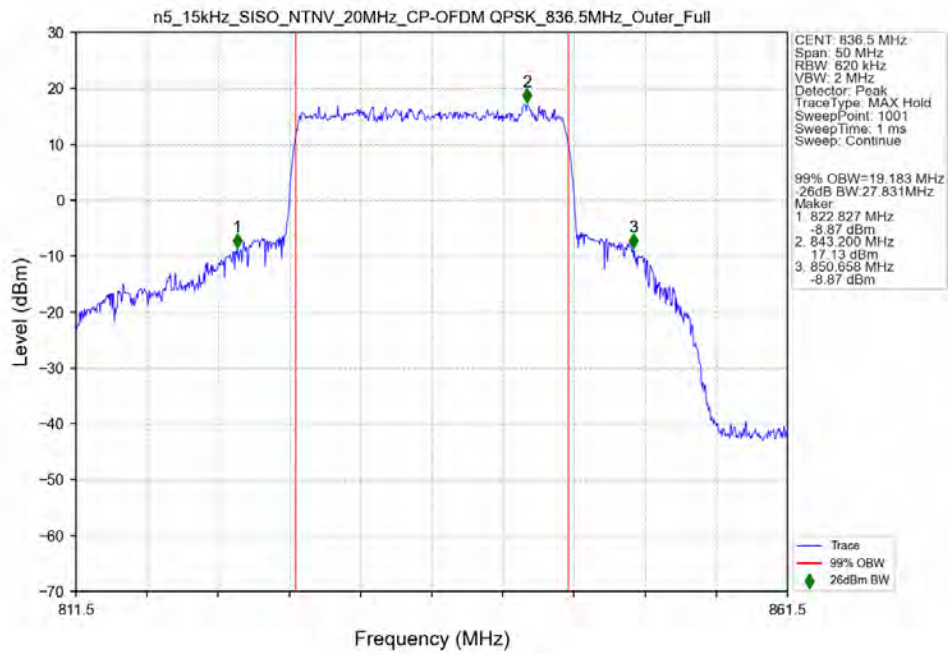
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_64_QAM_836.5MHz_Outer_Full_Ant31



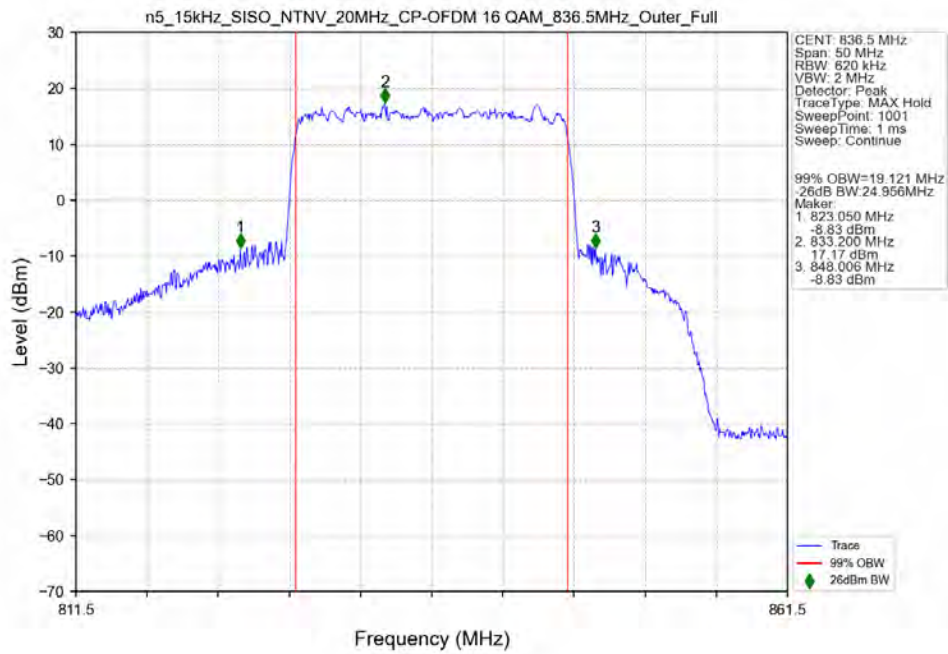
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_256_QAM_836.5MHz_Outer_Full_Ant31



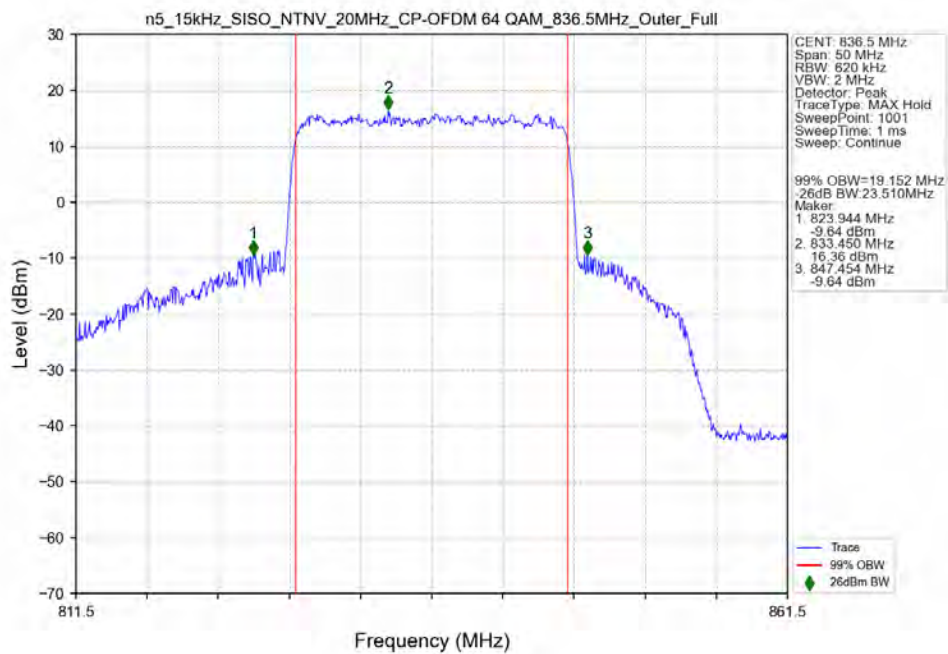
n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_836.5MHz_Outer_Full_Ant31



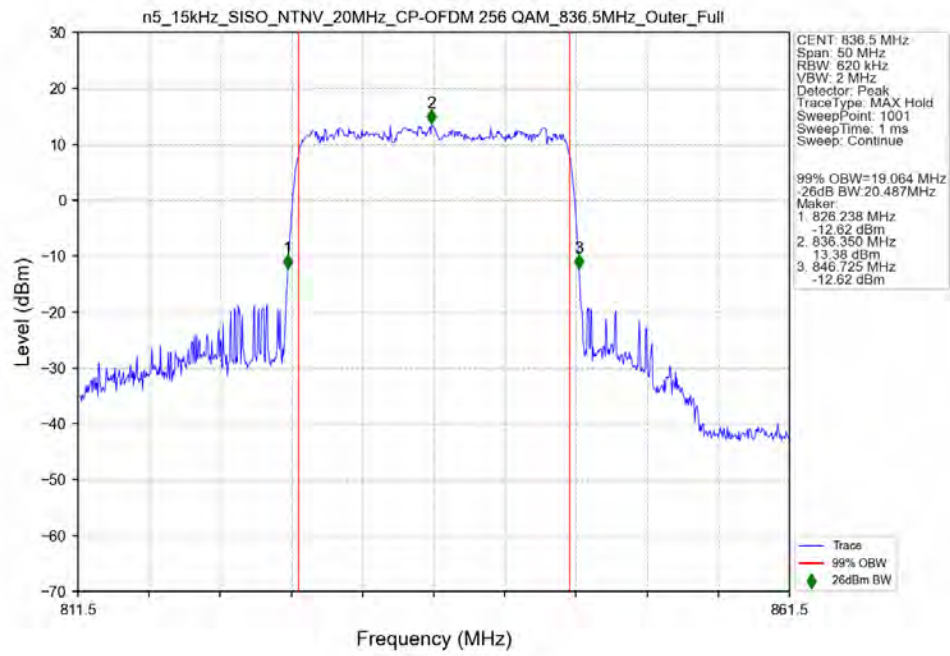
n5_15kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM 836.5MHz Outer Full Ant31



n5_15kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM 836.5MHz Outer Full Ant31



n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_256_QAM_836.5MHz_Outer_Full_Ant31



4. Peak-Average Ratio

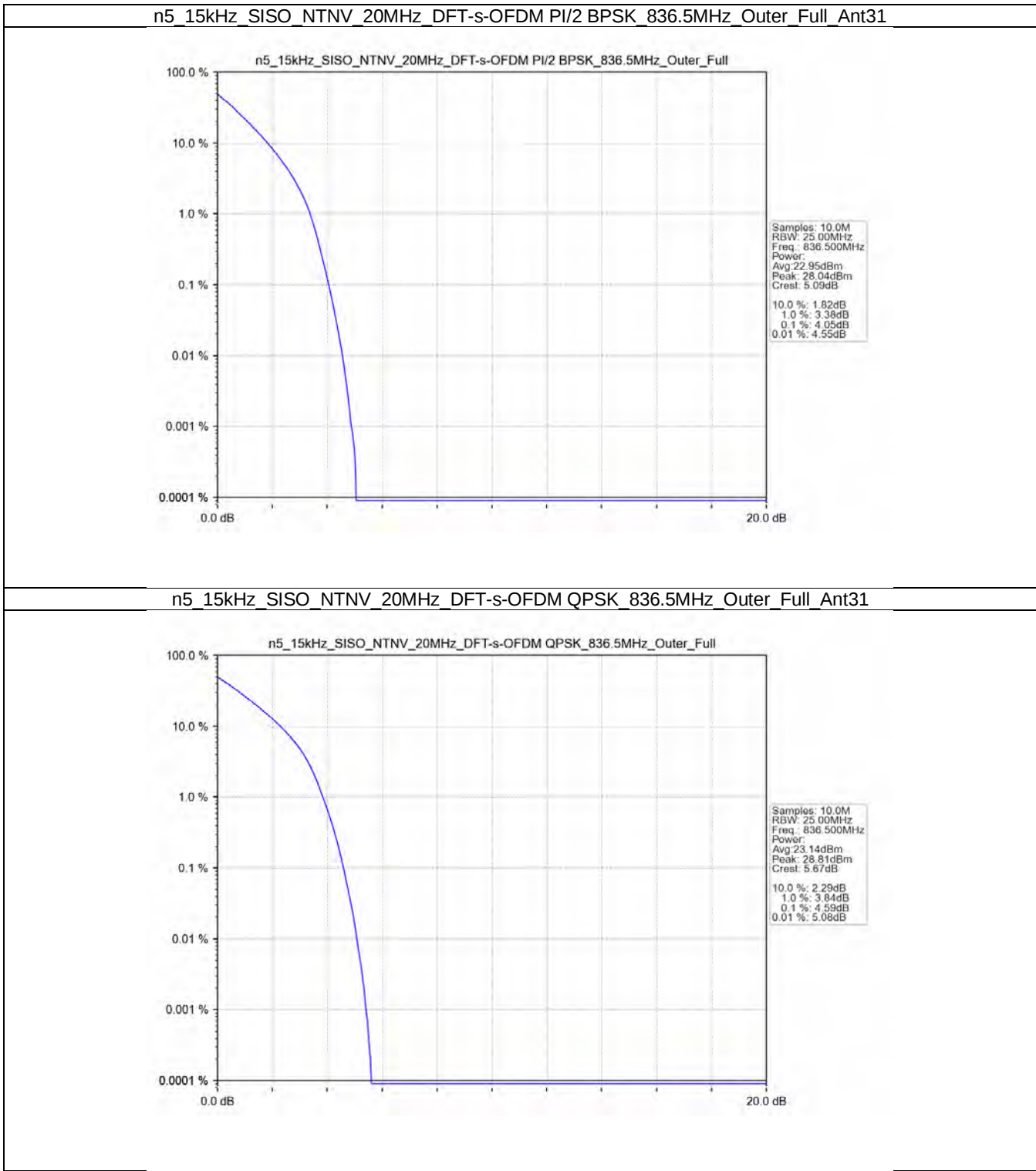
4.1 Test Result

4.1.1 15k_SISO_20MHz_NTNV

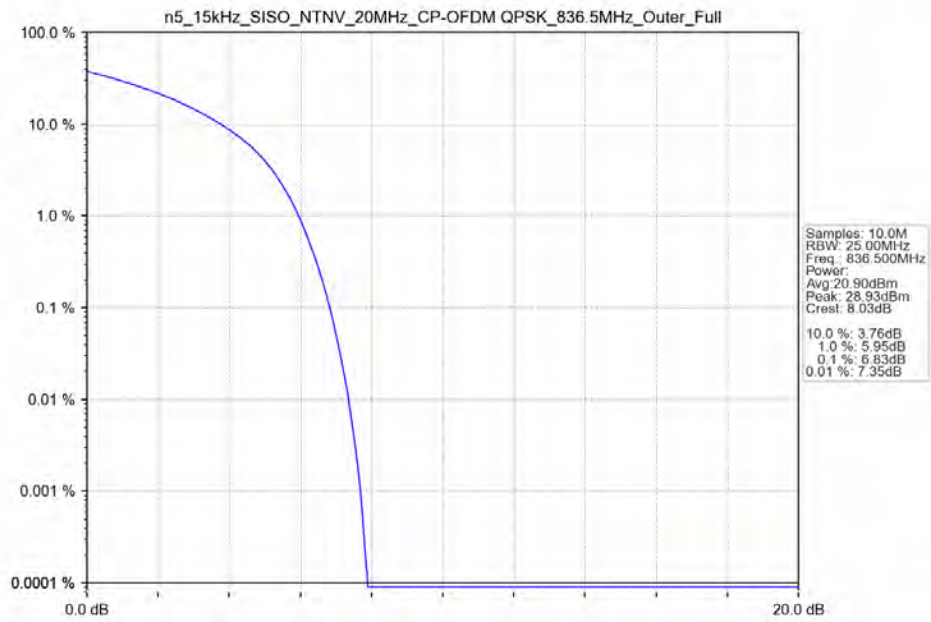
5G NR n5 SCS=15kHz SISO 20MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant31	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	836.5	Outer_Full	4.05	/	/	<=13	Pass
DFT-s-OFDM QPSK	836.5	Outer_Full	4.59	/	/	<=13	Pass
CP-OFDM QPSK	836.5	Outer_Full	6.83	/	/	<=13	Pass

4.2 Test Graph

4.2.1 15k_SISO_20MHz_NTNV



n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_836.5MHz_Outer_Full_Ant31



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
			Ant31	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	836.5	Edge_1RB_Left	Refer To Test Graph				Pass
	826.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	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	836.5	Edge_1RB_Left	Refer To Test Graph				Pass
	826.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	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	836.5	Edge_1RB_Left	Refer To Test Graph				Pass
	826.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	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 NTV							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant31	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	836.5	Edge_1RB_Left	Refer To Test Graph				Pass
	831.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	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	836.5	Edge_1RB_Left	Refer To Test Graph				Pass
	831.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	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	836.5	Edge_1RB_Left	Refer To Test Graph				Pass
	831.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	841.5	Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass

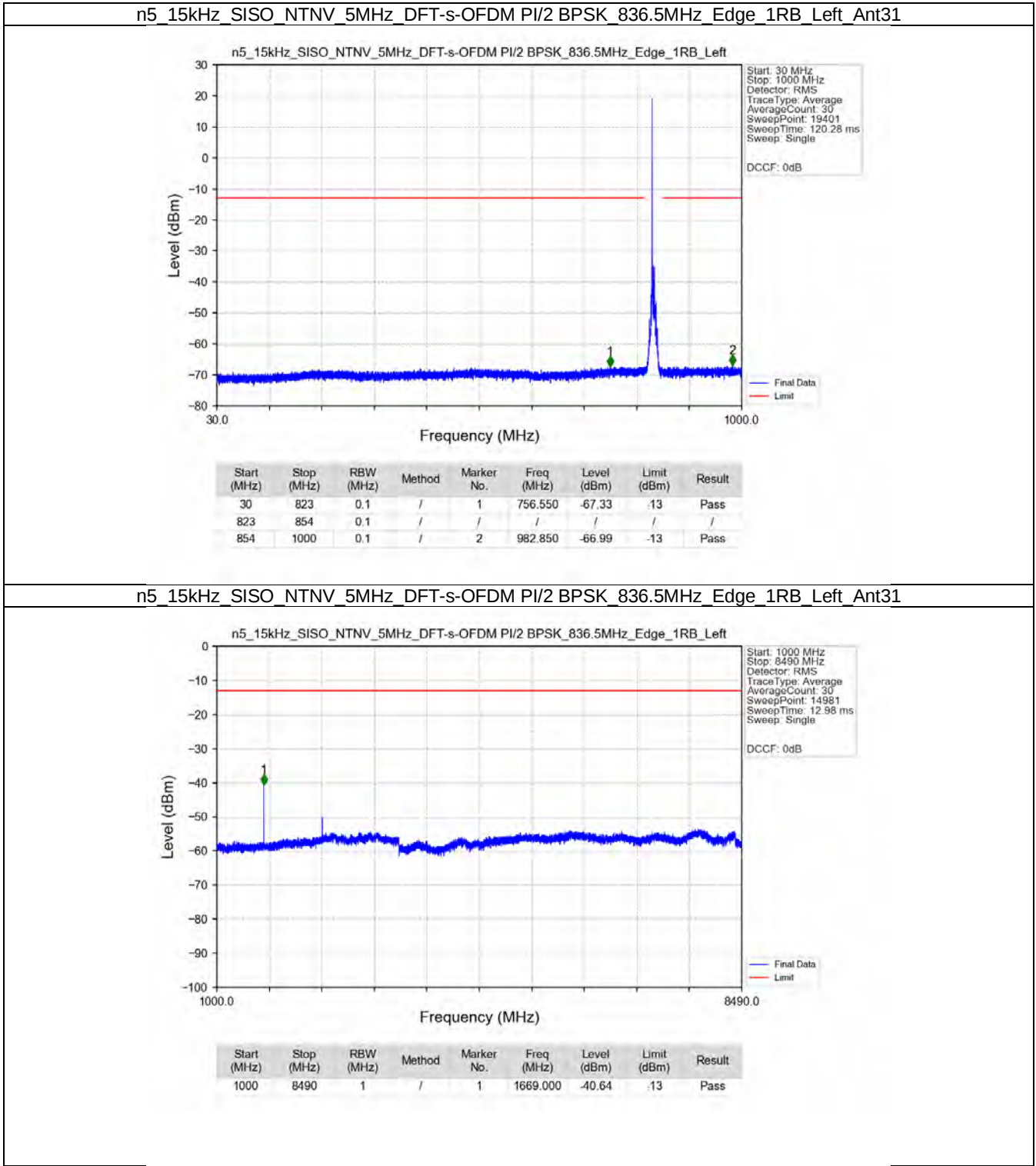
5.1.3 15k_SISO_20MHz_NTNV

5G NR n5 SCS=15kHz SISO 20MHz NTV							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant31	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	836.5	Edge 1RB Left	Refer To Test Graph				Pass

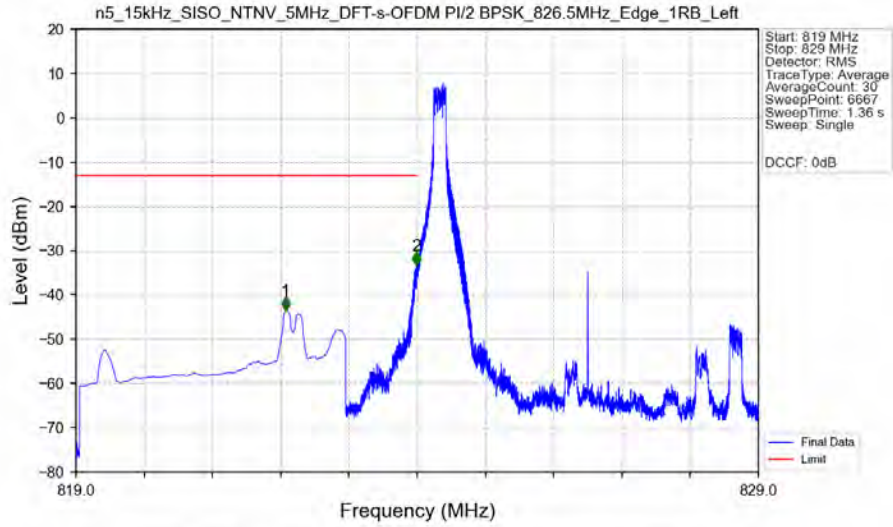
	834	Edge_1RB_Left	Refer To Test Graph	Pass
		Outer_Full	Refer To Test Graph	Pass
	839	Edge_1RB_Right	Refer To Test Graph	Pass
		Outer_Full	Refer To Test Graph	Pass
DFT-s-OFDM QPSK	836.5	Edge_1RB_Left	Refer To Test Graph	Pass
	834	Edge_1RB_Left	Refer To Test Graph	Pass
		Outer_Full	Refer To Test Graph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

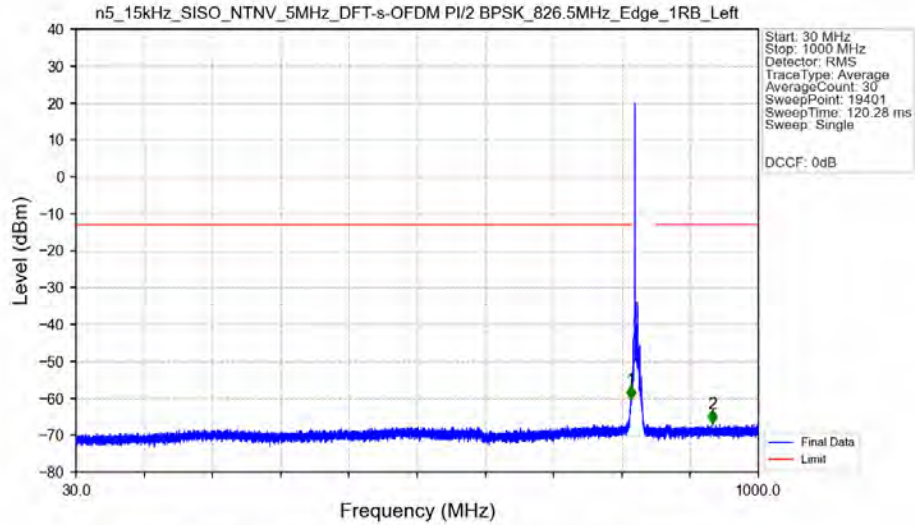


n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_826.5MHz_Edge_1RB_Left_Ant31



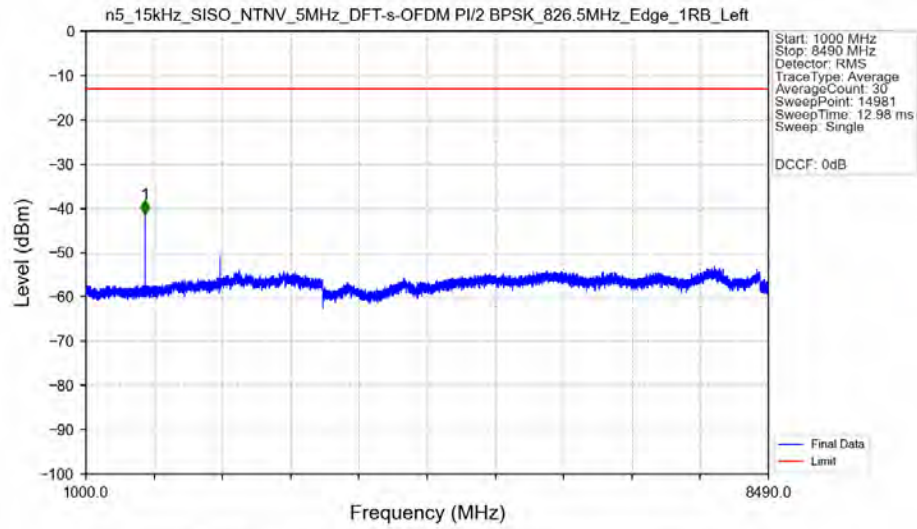
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.074	-43.53	-13	Pass
823	824	0.003	/	2	823.992	-33.28	-13	Pass
824	829	0.003	/	/	/	/	/	/

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_826.5MHz_Edge_1RB_Left_Ant31

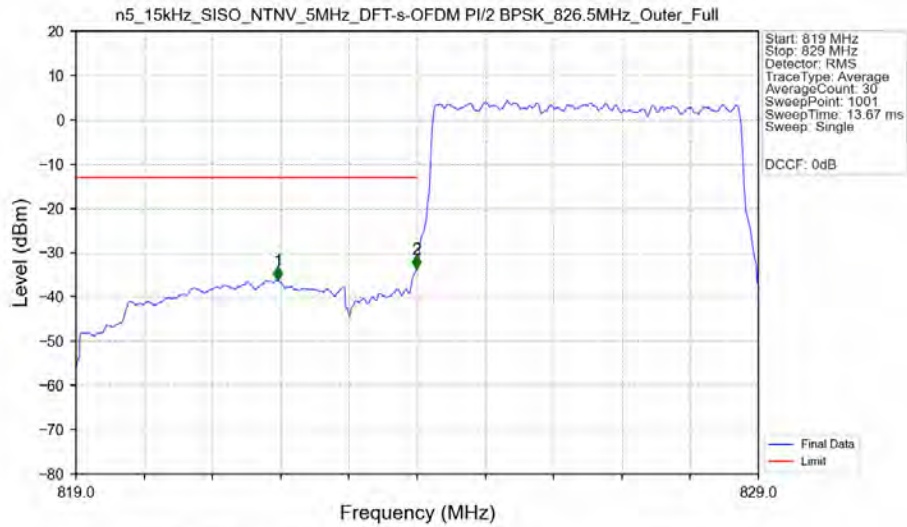


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.800	-60.25	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	935.150	-66.81	-13	Pass

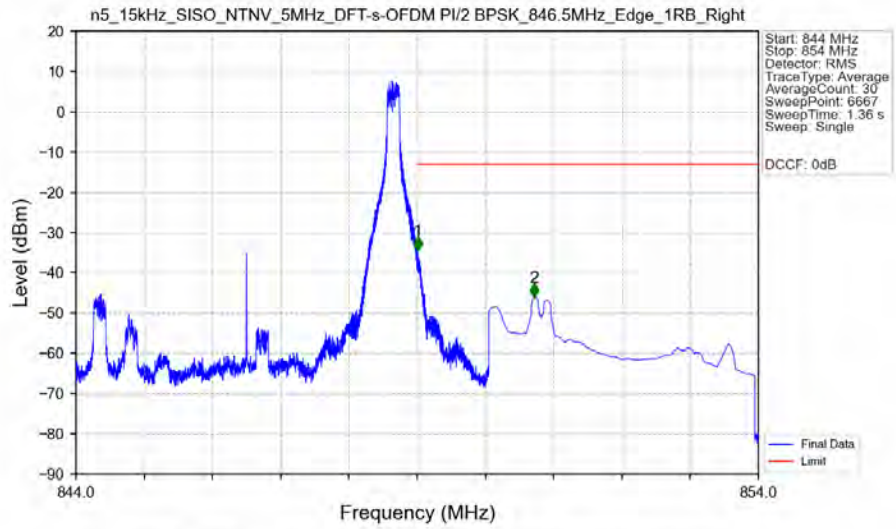
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_826.5MHz_Edge_1RB_Left_Ant31



n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_826.5MHz_Outer_Full_Ant31

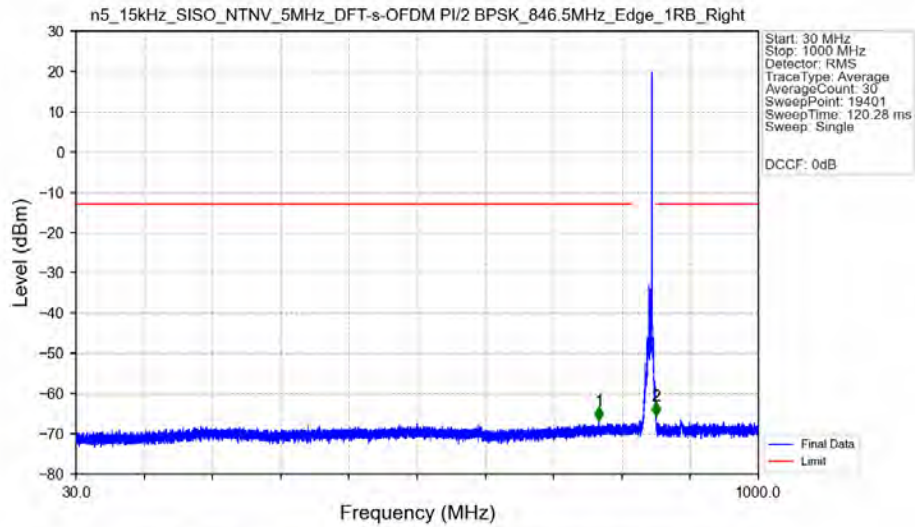


n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_846.5MHz_Edge_1RB_Right_Ant31



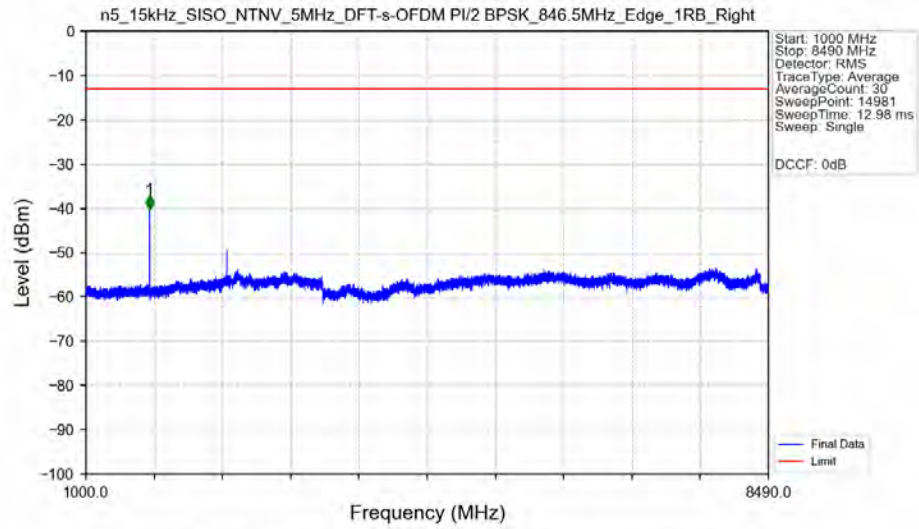
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.008	-34.35	-13	Pass
850	854	0.1	CHP	2	850.718	-46.13	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_846.5MHz_Edge_1RB_Right_Ant31

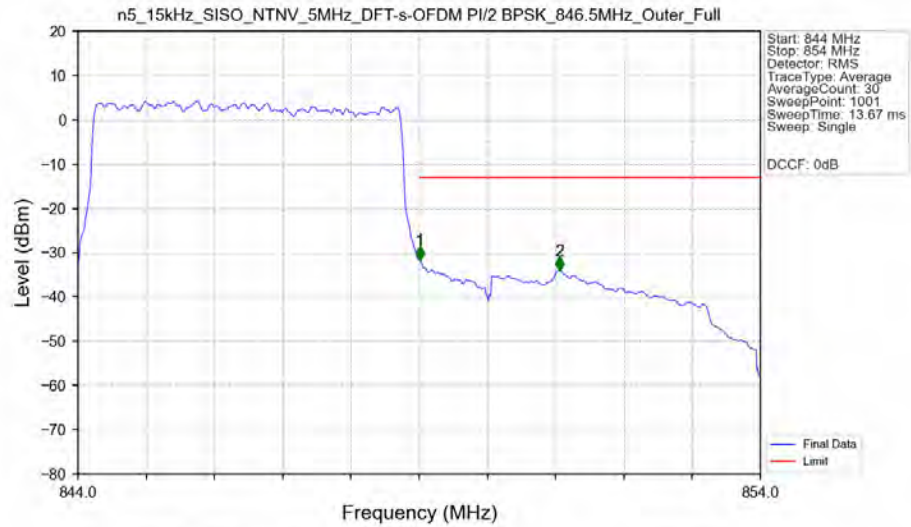


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	773.200	-66.78	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	854.250	-65.58	-13	Pass

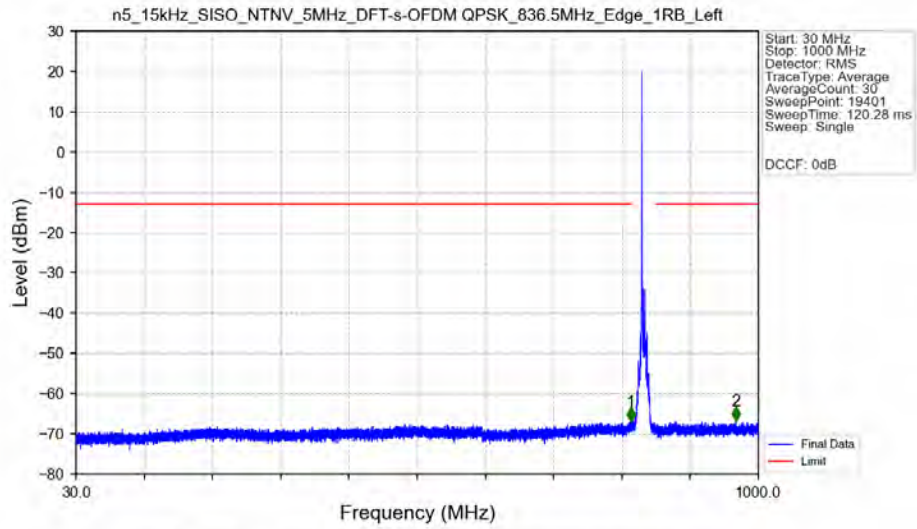
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_846.5MHz_Edge_1RB_Right_Ant31



n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_846.5MHz_Outer_Full_Ant31

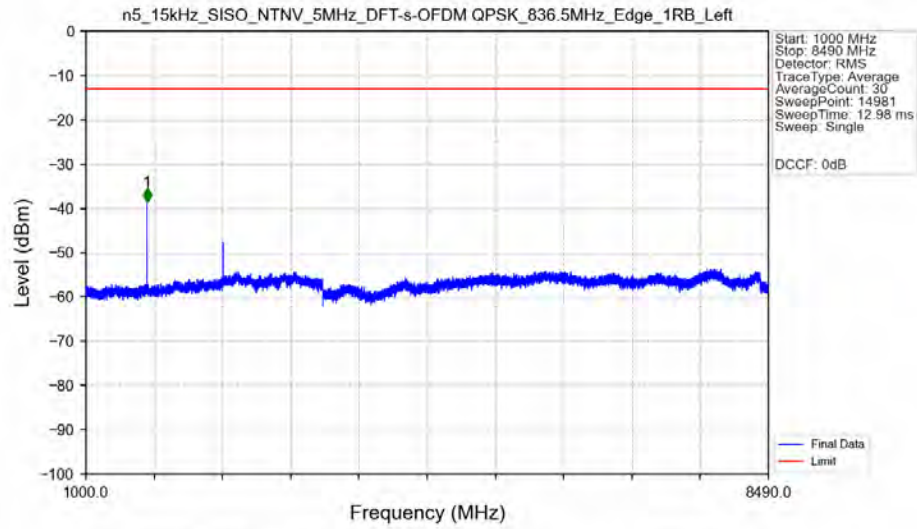


n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant31



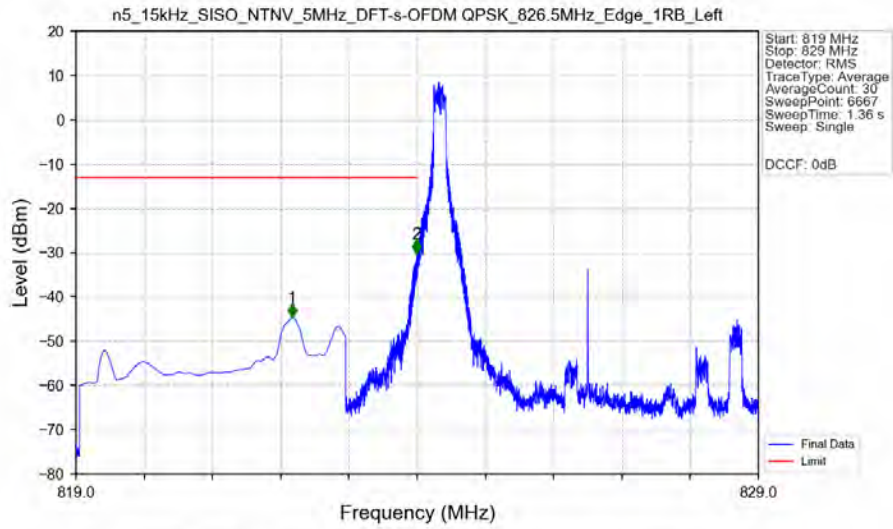
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.900	-66.89	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	968.100	-66.81	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant31



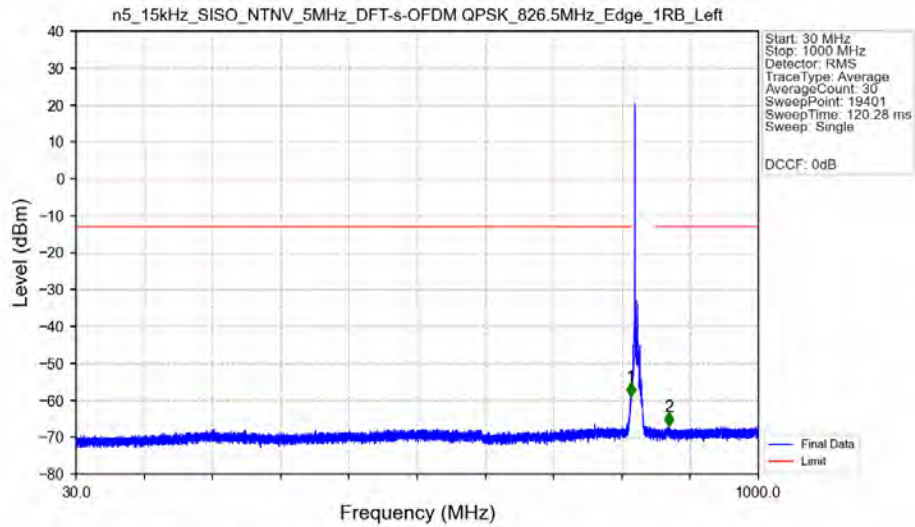
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1669.000	-38.52	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_826.5MHz_Edge_1RB_Left_Ant31



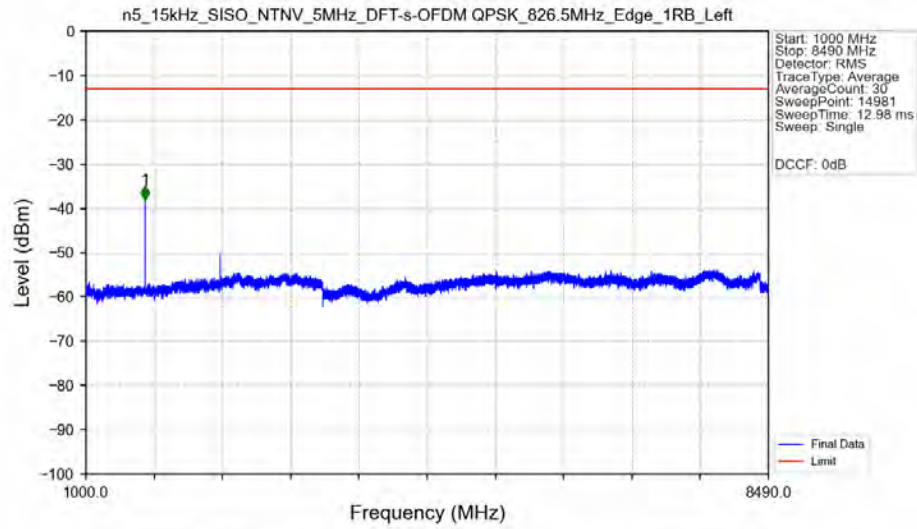
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.167	-44.64	-13	Pass
823	824	0.003	/	2	823.994	-30.26	-13	Pass
824	829	0.003	/	/	/	/	/	/

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_826.5MHz_Edge_1RB_Left_Ant31

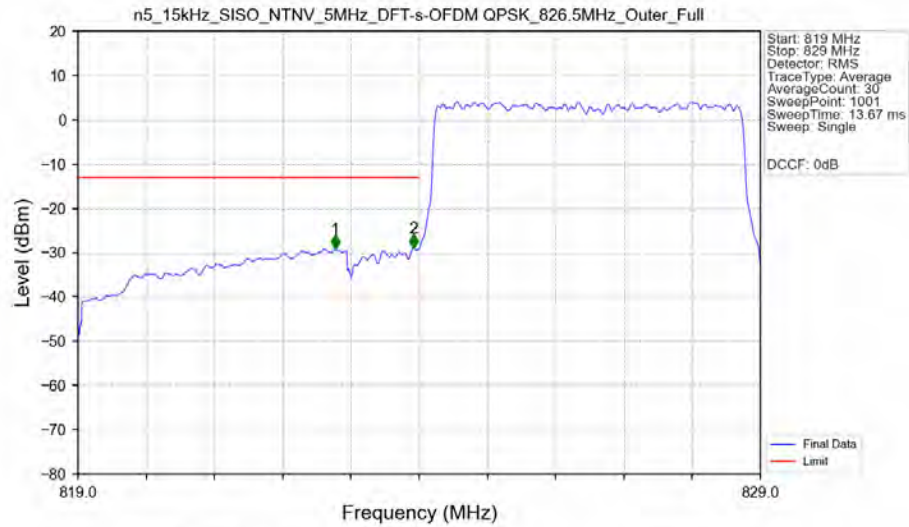


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.700	-59.01	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	872.600	-66.96	-13	Pass

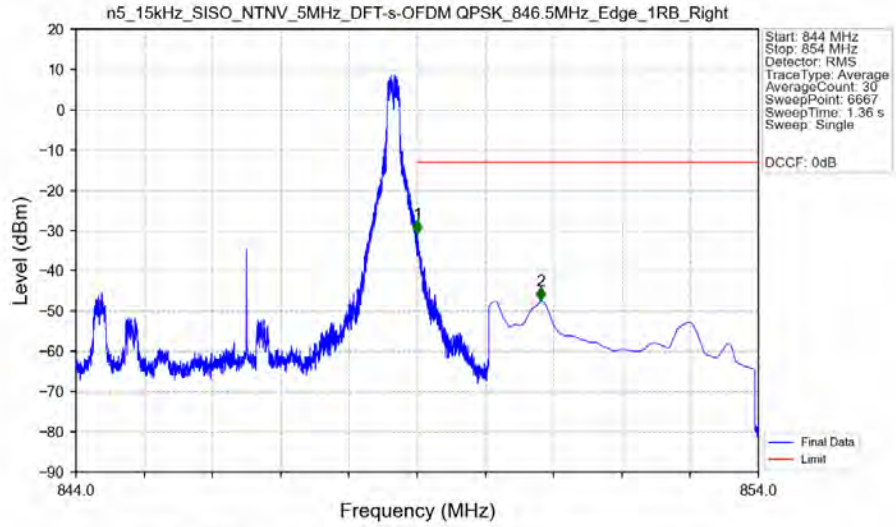
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_826.5MHz_Edge_1RB_Left_Ant31



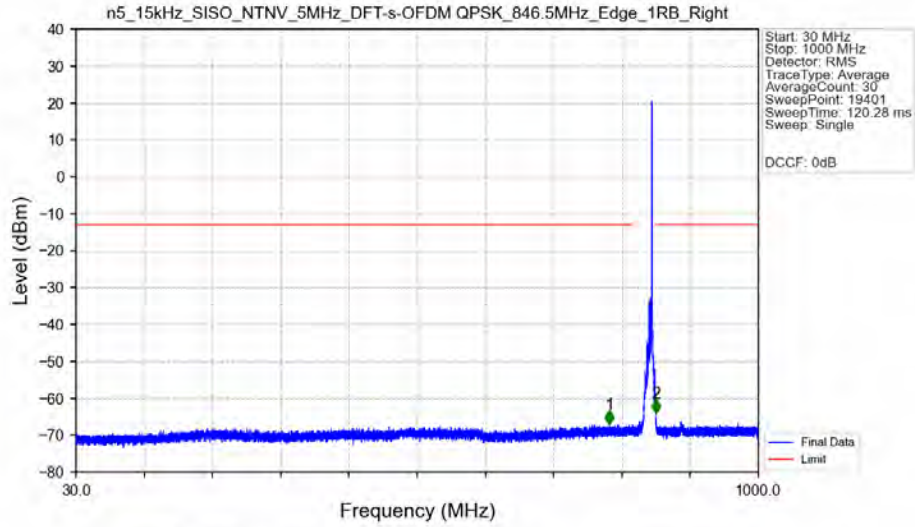
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_826.5MHz_Outer_Full_Ant31



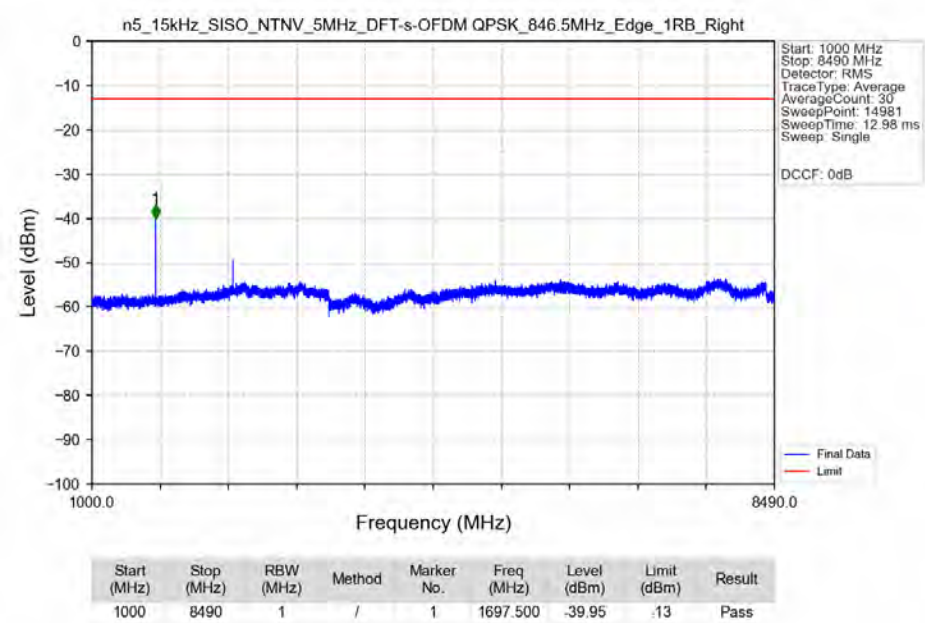
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_846.5MHz_Edge_1RB_Right_Ant31



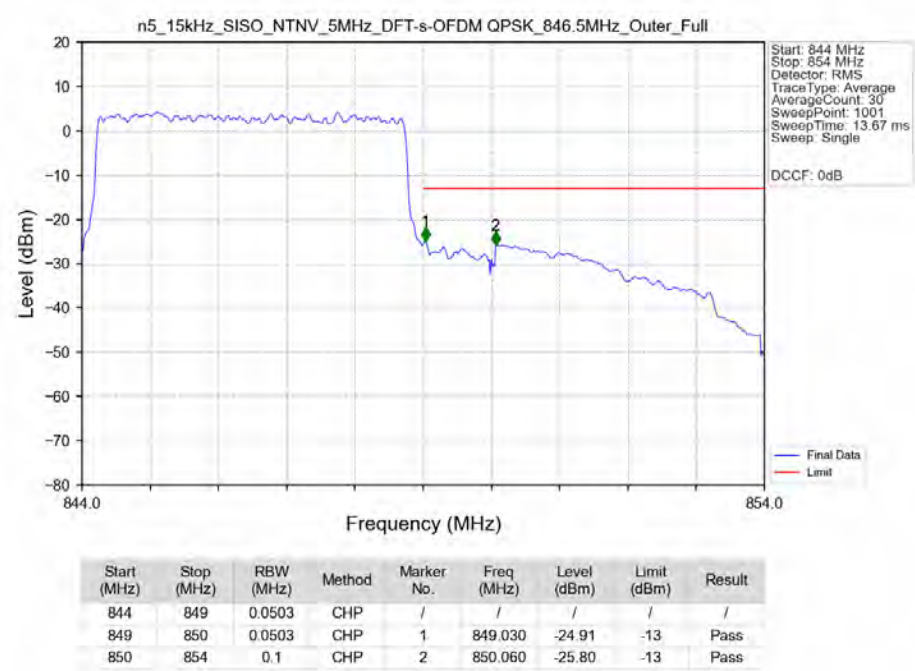
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_846.5MHz_Edge_1RB_Right_Ant31



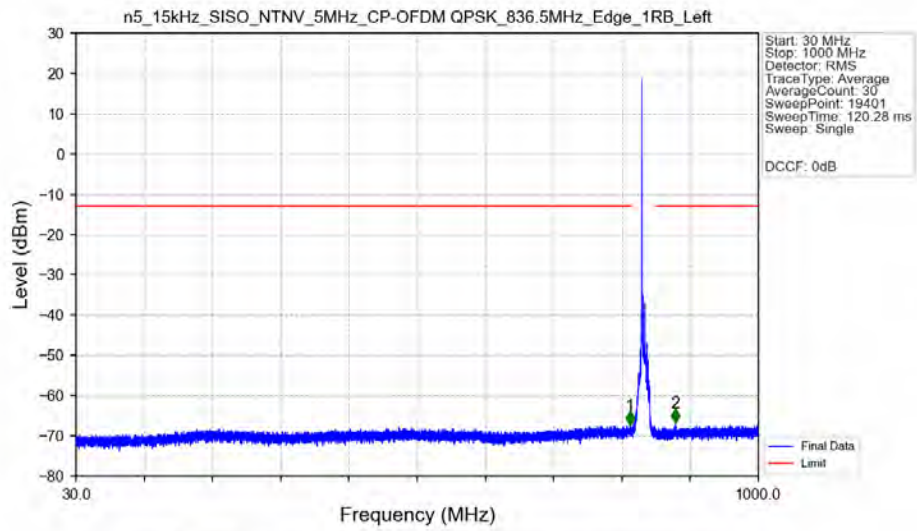
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_846.5MHz_Edge_1RB_Right_Ant31



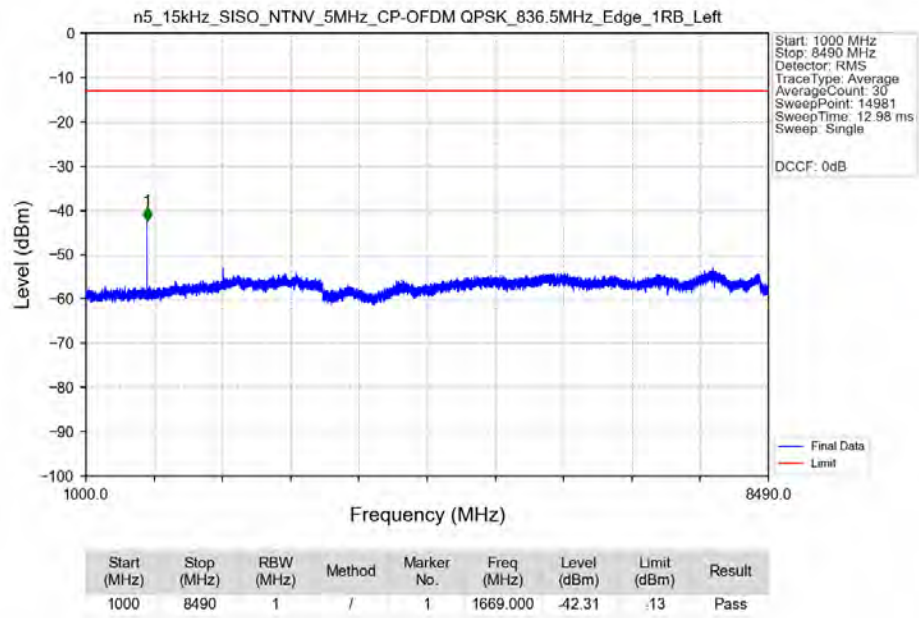
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_846.5MHz_Outer_Full_Ant31



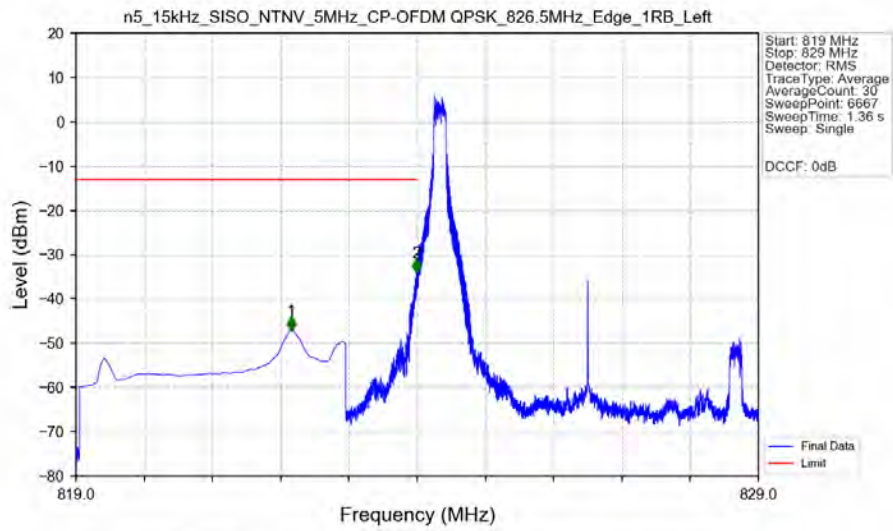
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant31



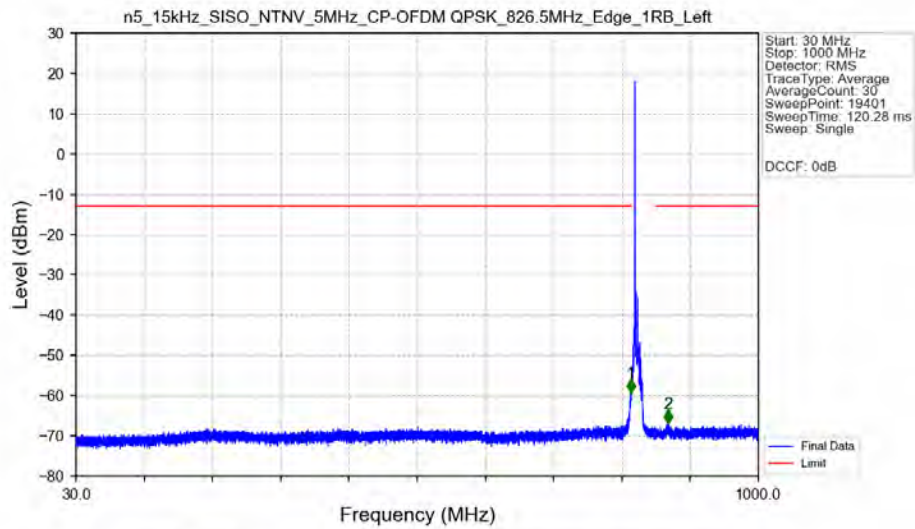
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant31



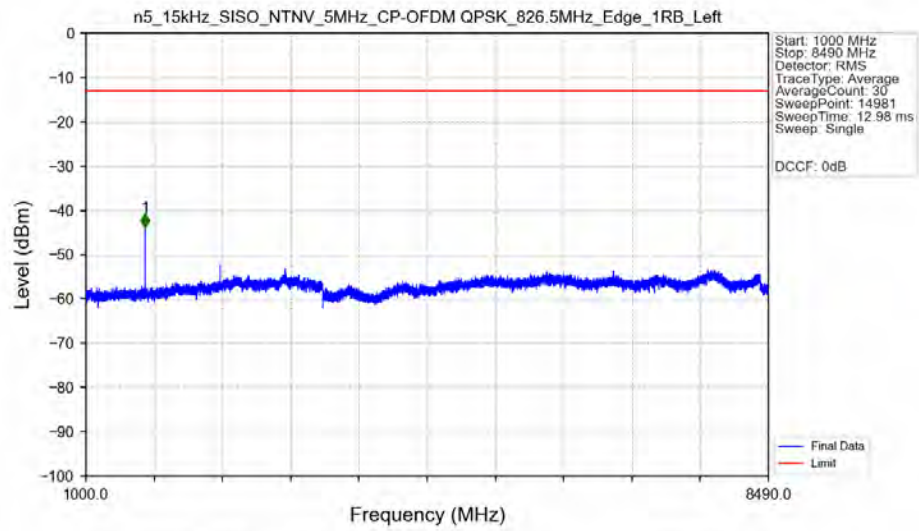
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_826.5MHz_Edge_1RB_Left_Ant31



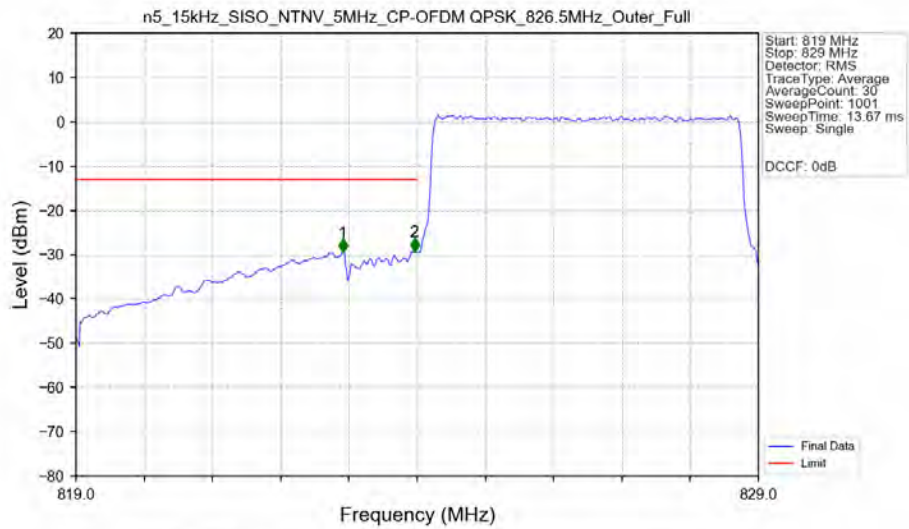
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_826.5MHz_Edge_1RB_Left_Ant31



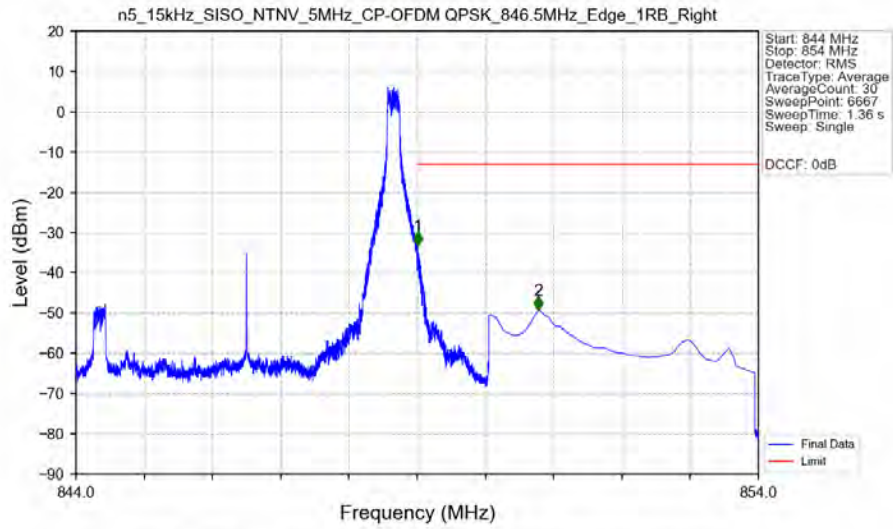
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_826.5MHz_Edge_1RB_Left_Ant31



n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_826.5MHz_Outer_Full_Ant31

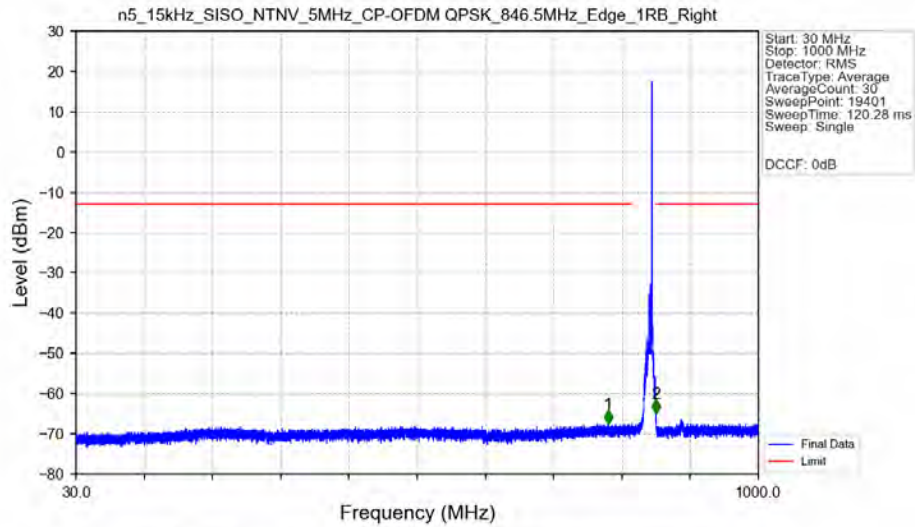


n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_846.5MHz_Edge_1RB_Right_Ant31



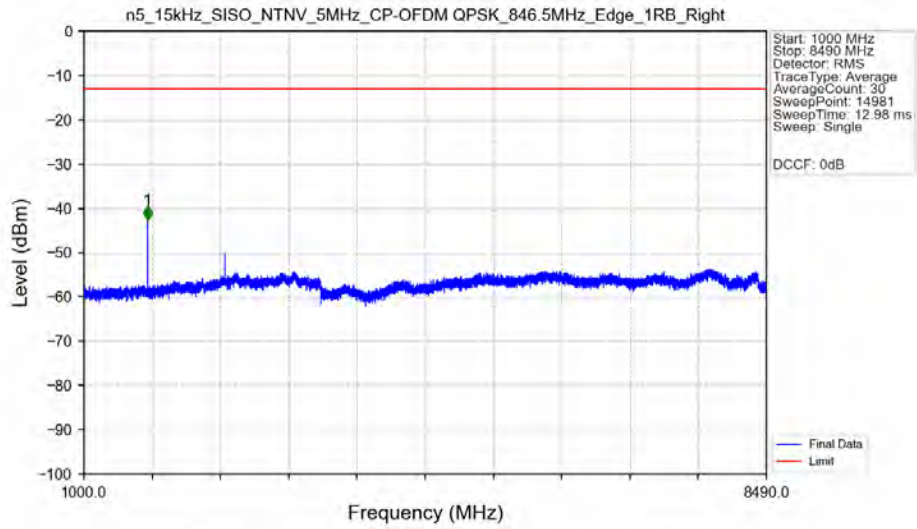
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.008	-33.16	-13	Pass
850	854	0.1	CHP	2	850.776	-49.34	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_846.5MHz_Edge_1RB_Right_Ant31

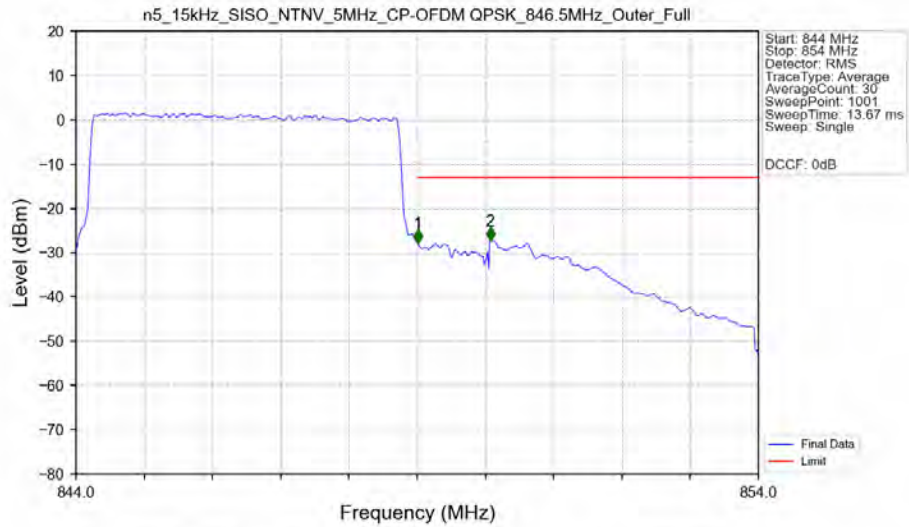


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	786.700	-67.47	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	854.100	-64.98	-13	Pass

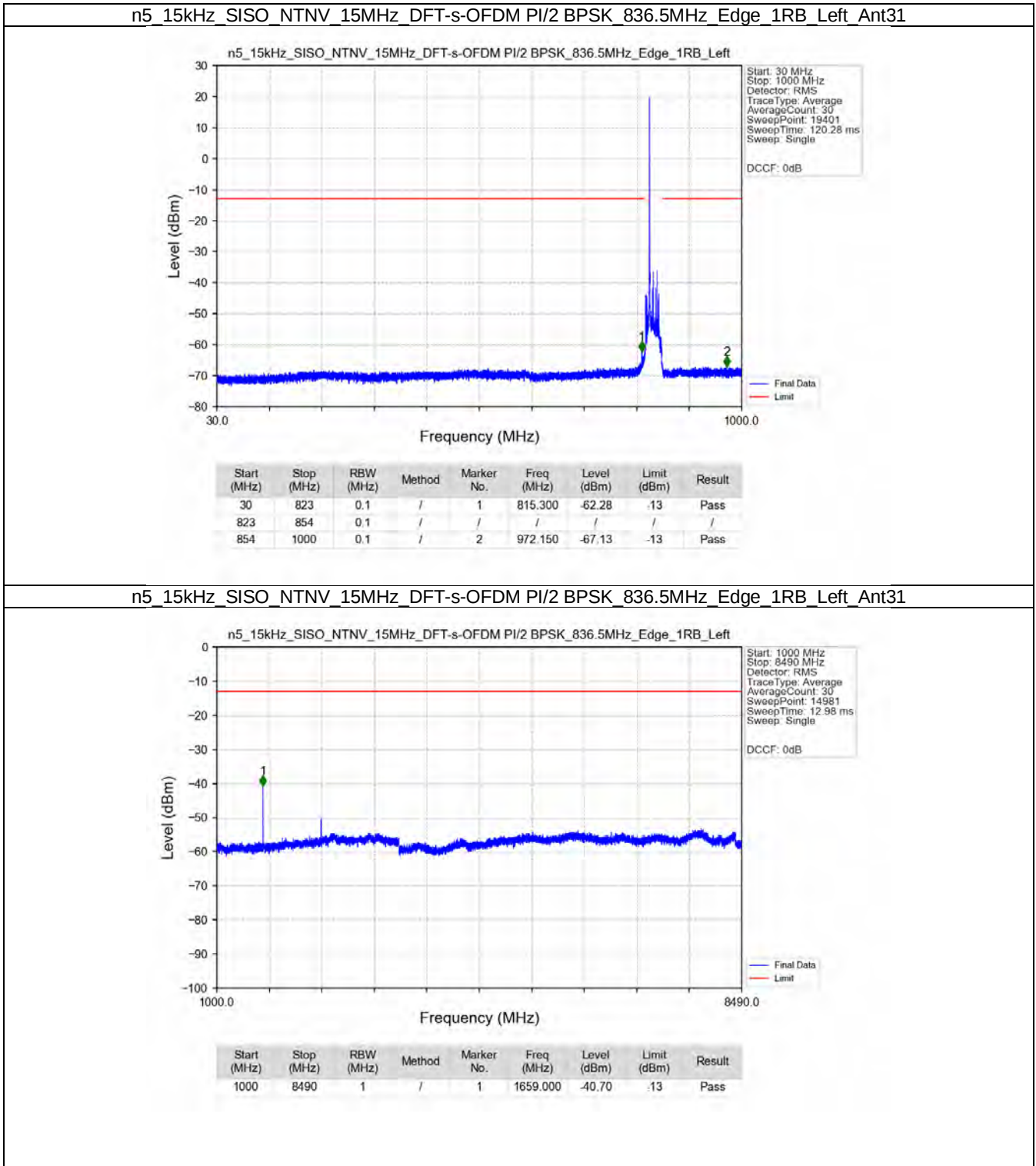
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_846.5MHz_Edge_1RB_Right_Ant31



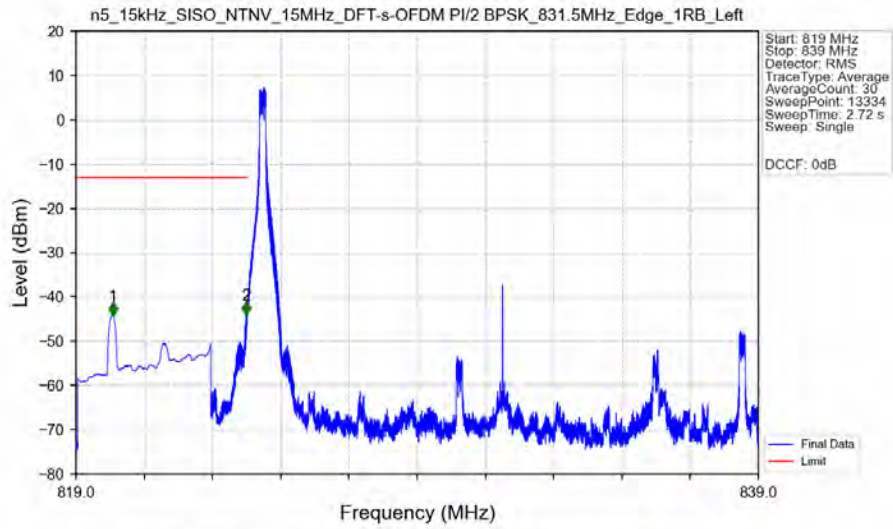
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_846.5MHz_Outer_Full_Ant31



5.2.2 15k_SISO_15MHz_NTNV

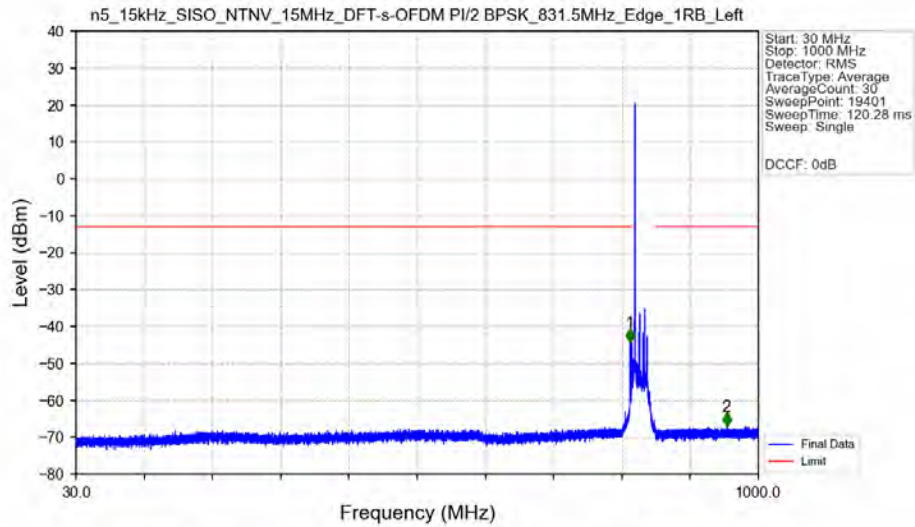


n5 15kHz SISO NTN 15MHz DFT-s-OFDM PI/2 BPSK 831.5MHz Edge 1RB Left Ant31



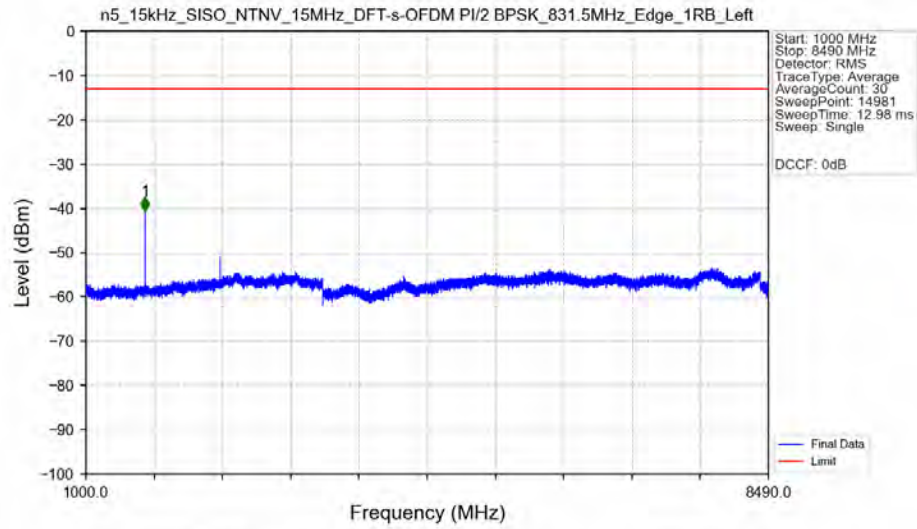
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	820.080	-44.16	-13	Pass
823	824	0.003	/	2	823.992	-44.03	-13	Pass
824	839	0.003	/	/	/	/	/	/

n5 15kHz SISO NTN 15MHz DFT-s-OFDM PI/2 BPSK 831.5MHz Edge 1RB Left Ant31

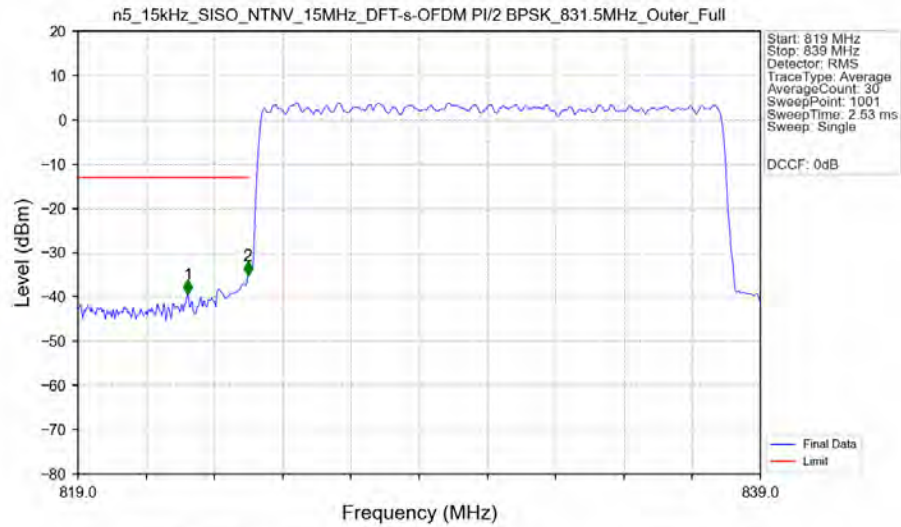


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	817.400	-44.28	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	954.800	-67.00	-13	Pass

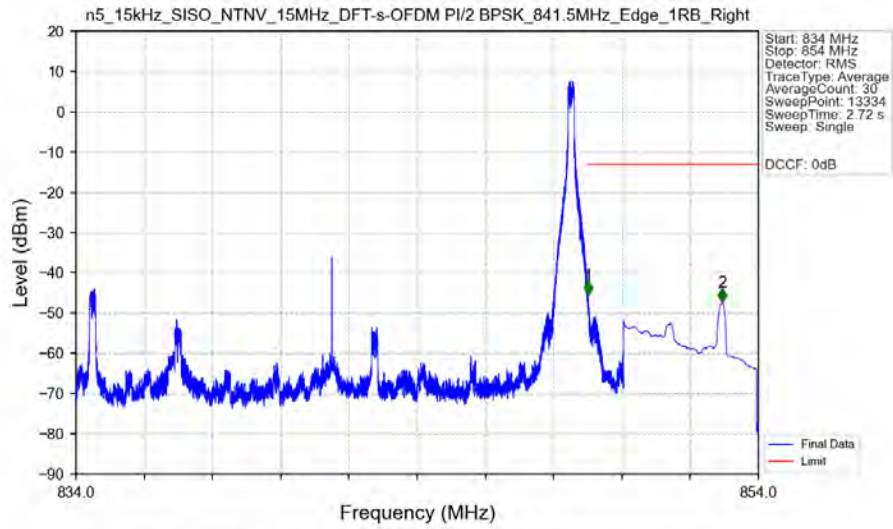
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_831.5MHz_Edge_1RB_Left_Ant31



n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_831.5MHz_Outer_Full_Ant31

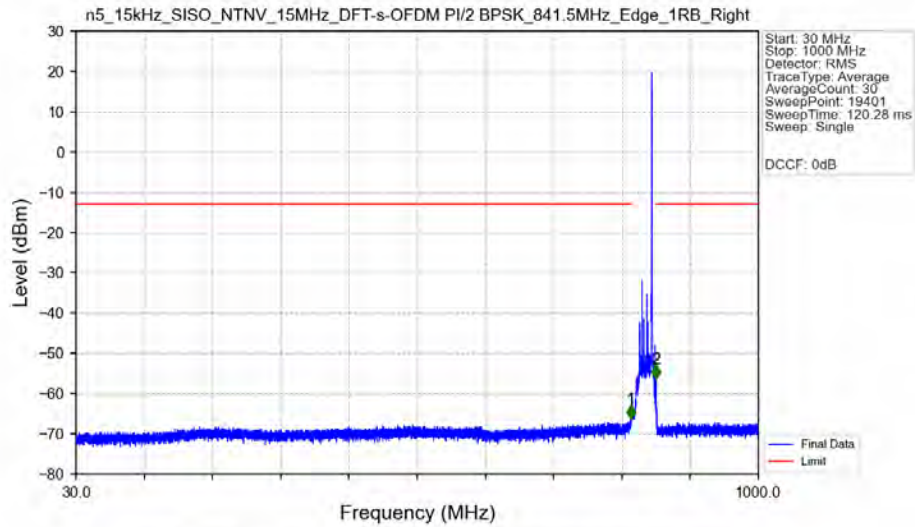


n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_841.5MHz_Edge_1RB_Right_Ant31



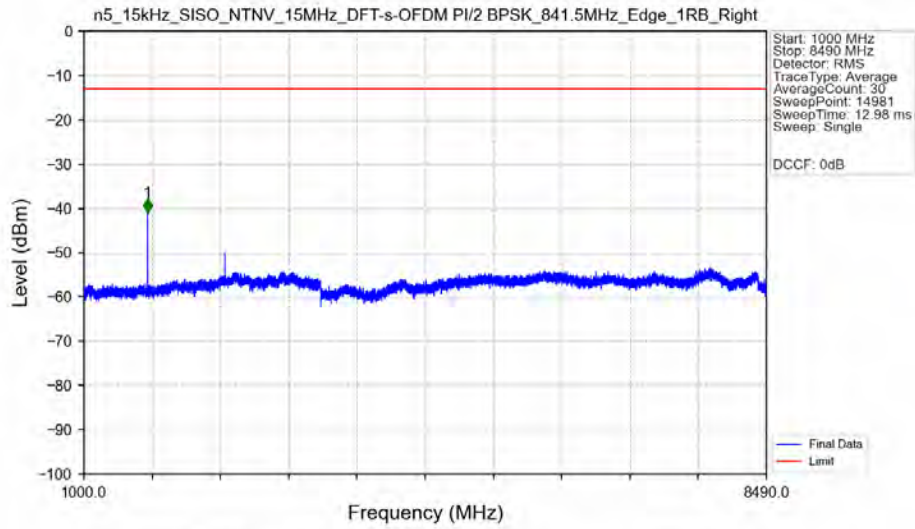
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.008	-45.43	-13	Pass
850	854	0.1	CHP	2	852.947	-47.17	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_841.5MHz_Edge_1RB_Right_Ant31

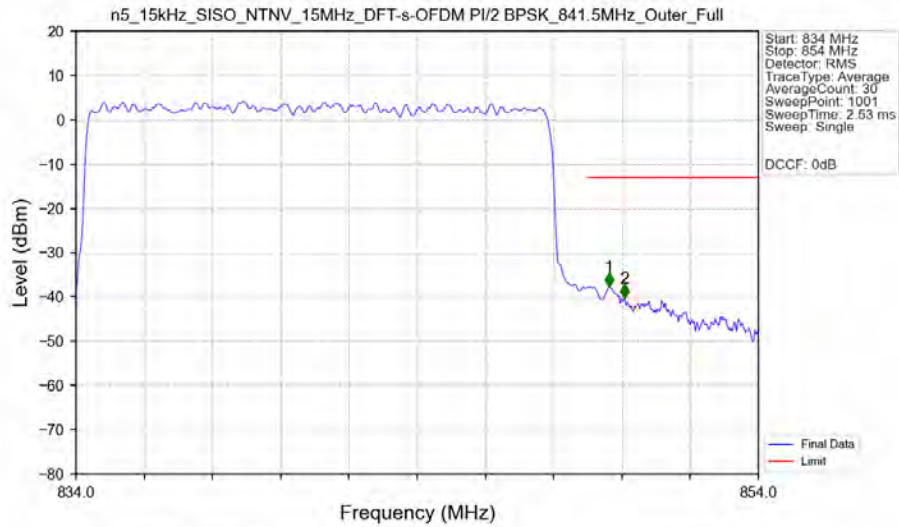


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.800	-66.36	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	854.750	-56.29	-13	Pass

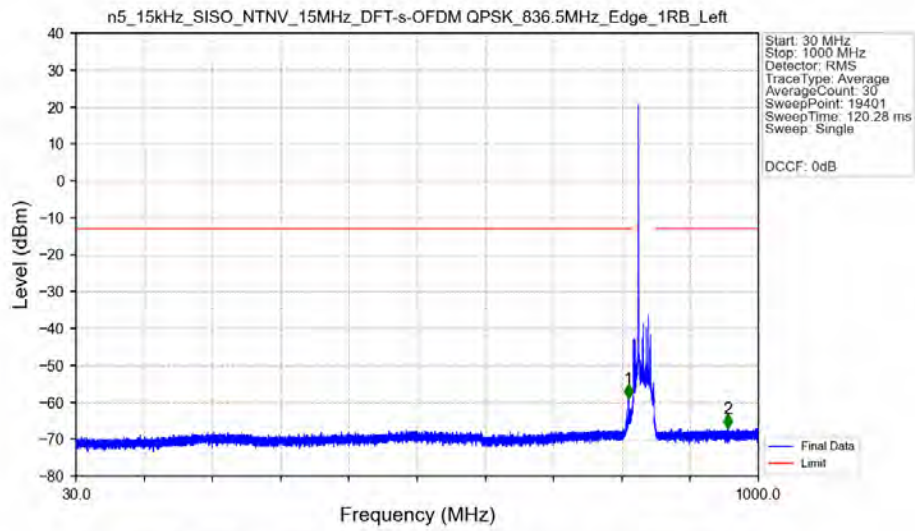
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_841.5MHz_Edge_1RB_Right_Ant31



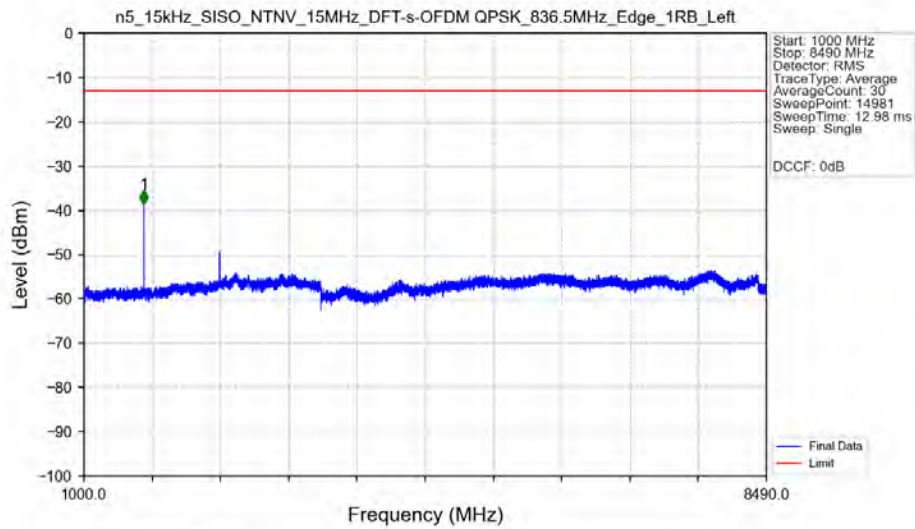
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_841.5MHz_Outer_Full_Ant31



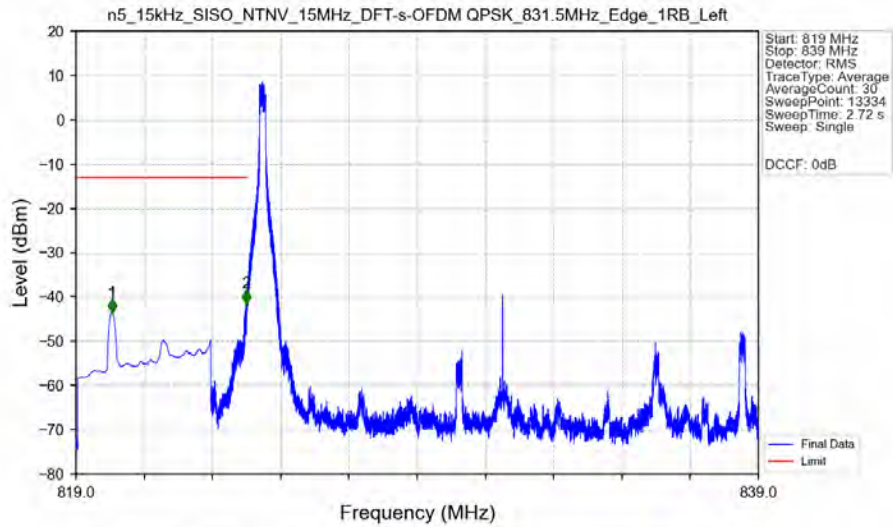
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant31



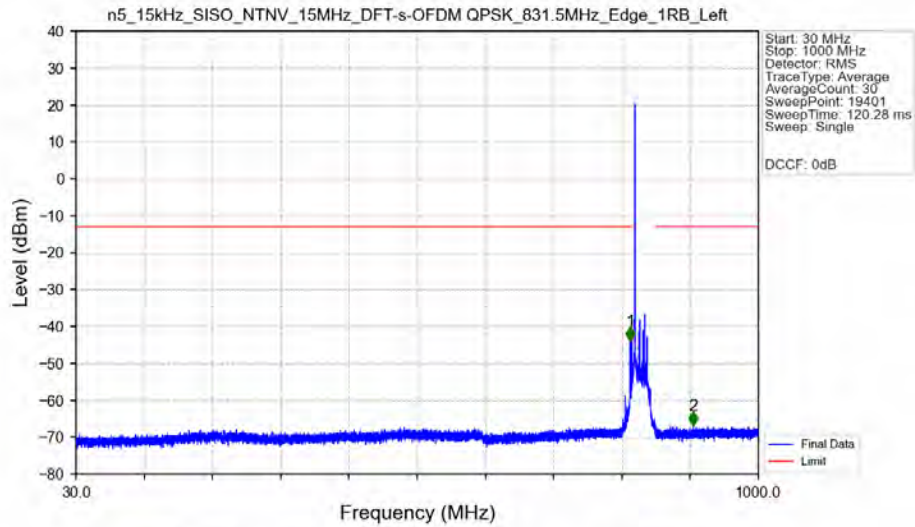
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant31



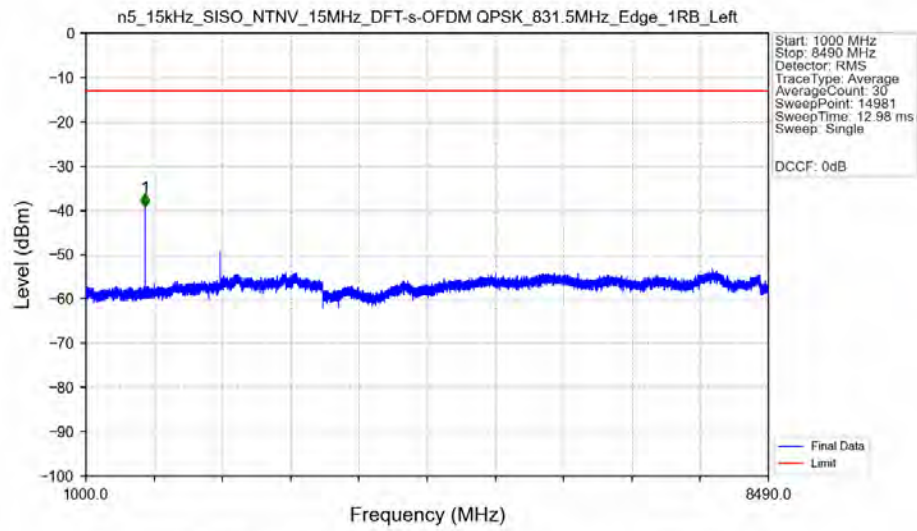
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_831.5MHz_Edge_1RB_Left_Ant31



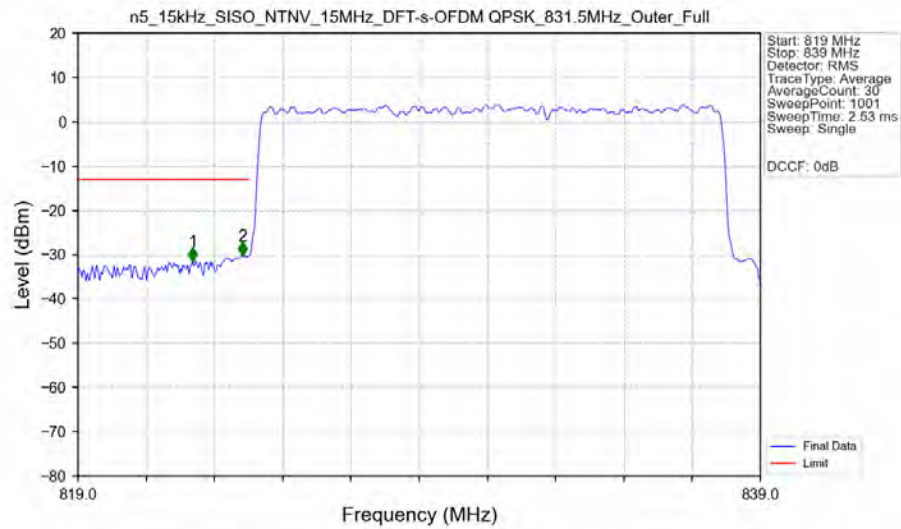
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_831.5MHz_Edge_1RB_Left_Ant31



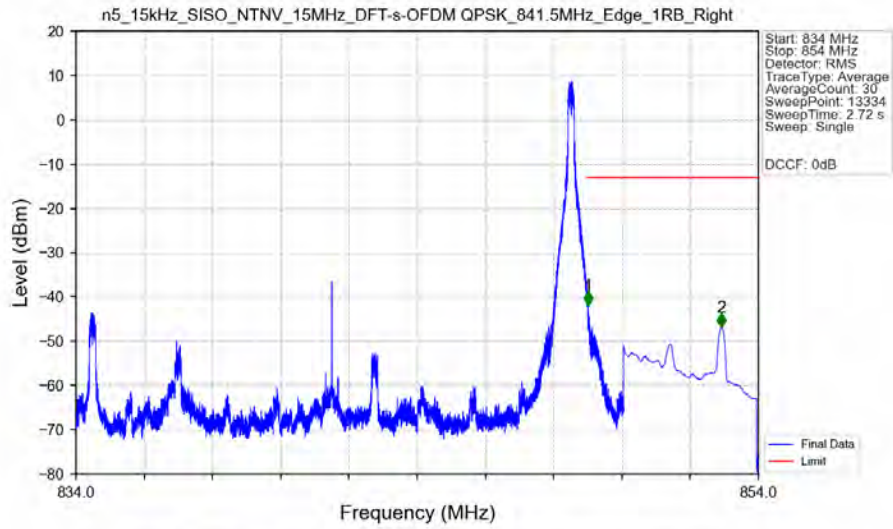
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_831.5MHz_Edge_1RB_Left_Ant31



n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_831.5MHz_Outer_Full_Ant31

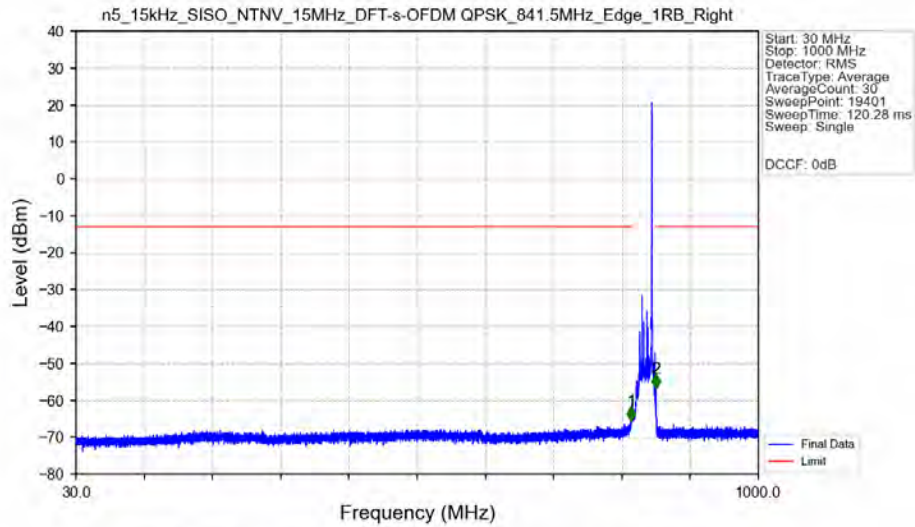


n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_841.5MHz_Edge_1RB_Right_Ant31



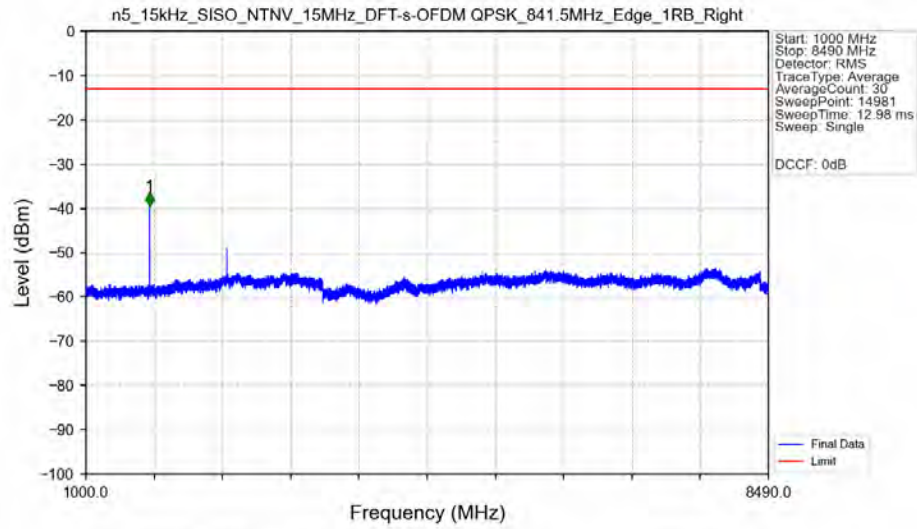
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.008	-41.90	-13	Pass
850	854	0.1	CHP	2	852.915	-46.81	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_841.5MHz_Edge_1RB_Right_Ant31



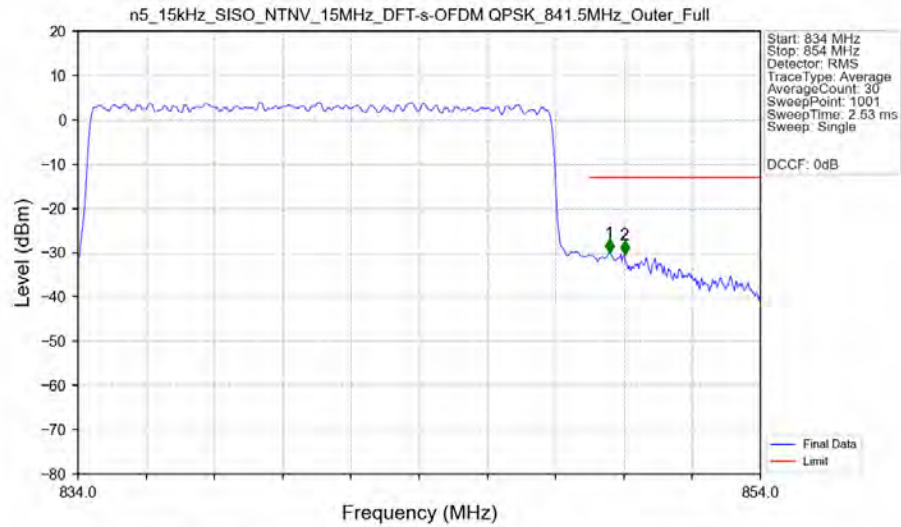
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.950	-65.60	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	854.750	-56.70	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_841.5MHz_Edge_1RB_Right_Ant31



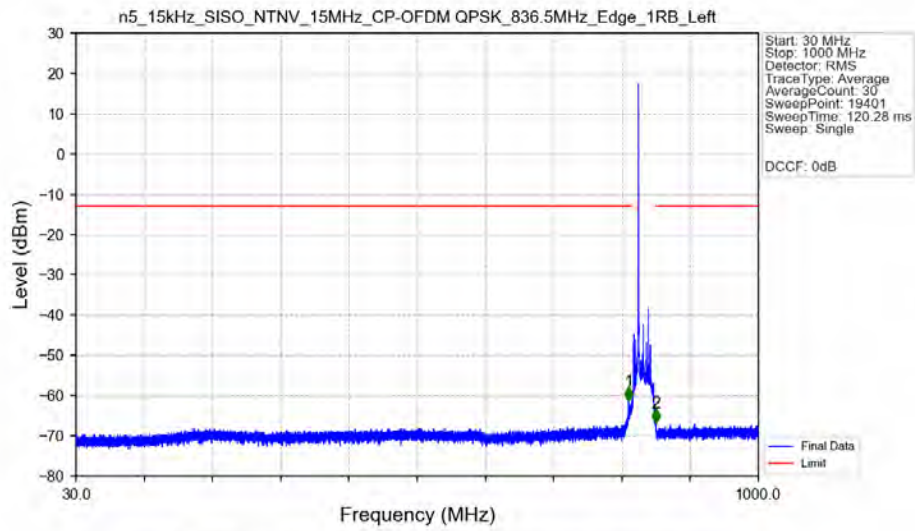
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1697.000	-39.47	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_841.5MHz_Outer_Full_Ant31



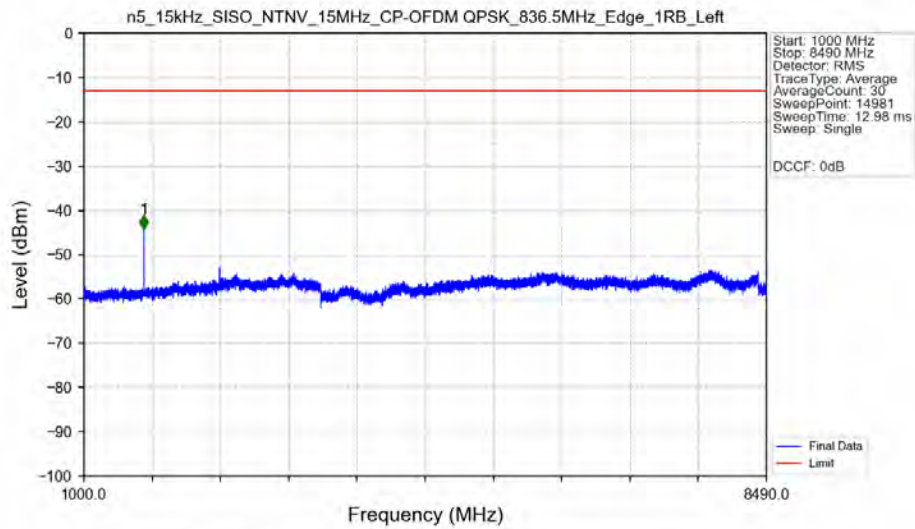
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.14623	CHP	/	/	/	/	/
849	850	0.14623	CHP	1	849.580	-30.05	-13	Pass
850	854	0.1	/	2	850.020	-30.36	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant31



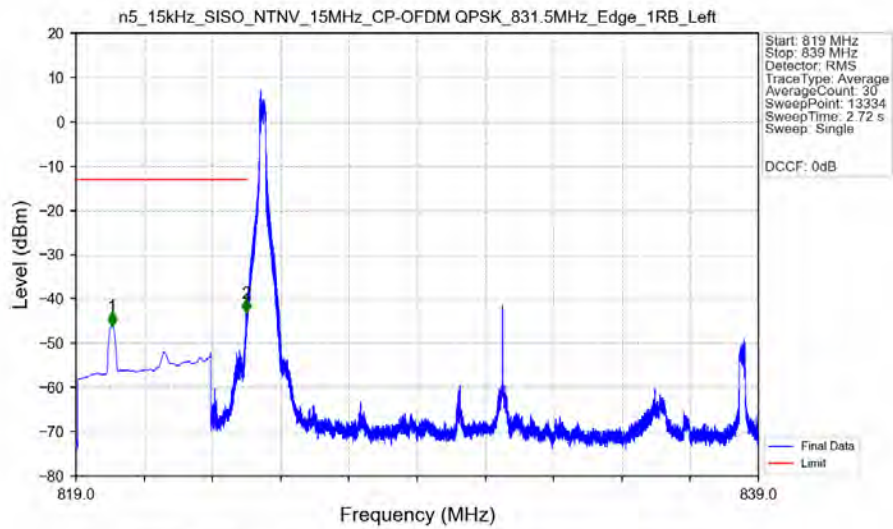
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	815.500	-61.39	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	854.150	-66.70	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant31

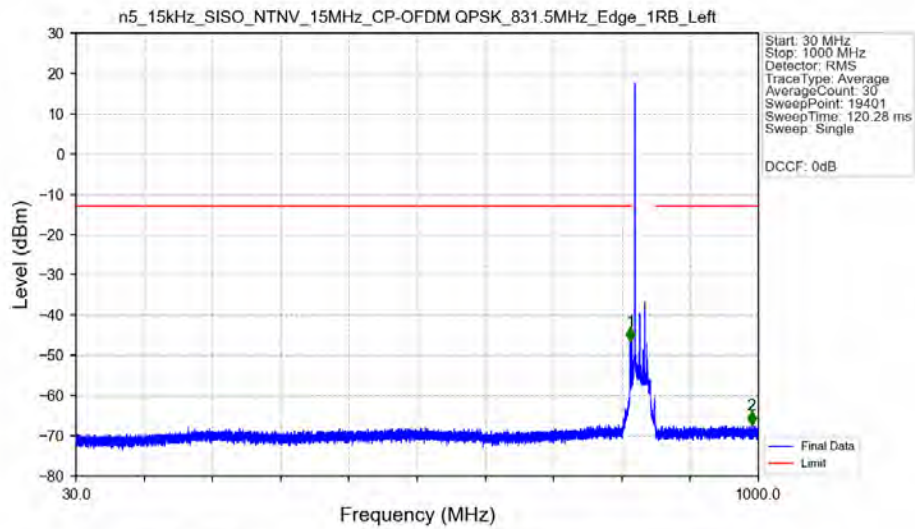


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1659.000	-44.22	-13	Pass

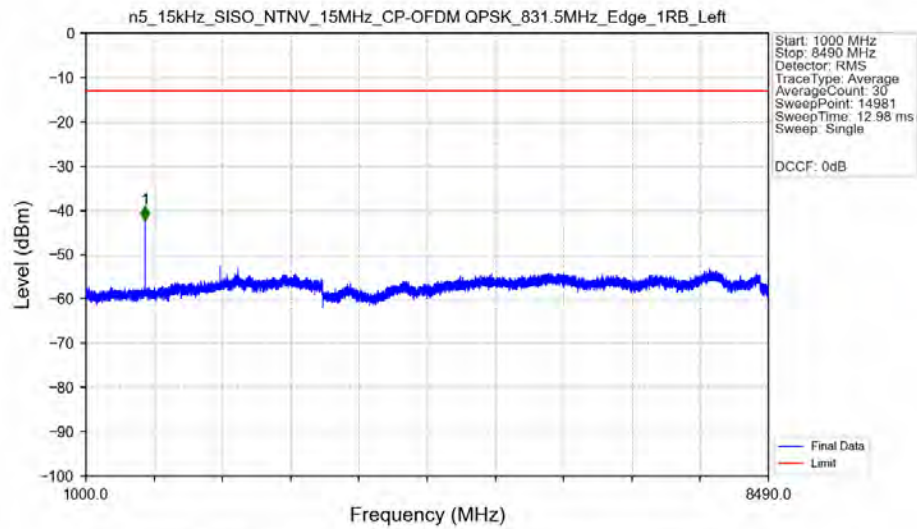
n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_831.5MHz_Edge_1RB_Left_Ant31



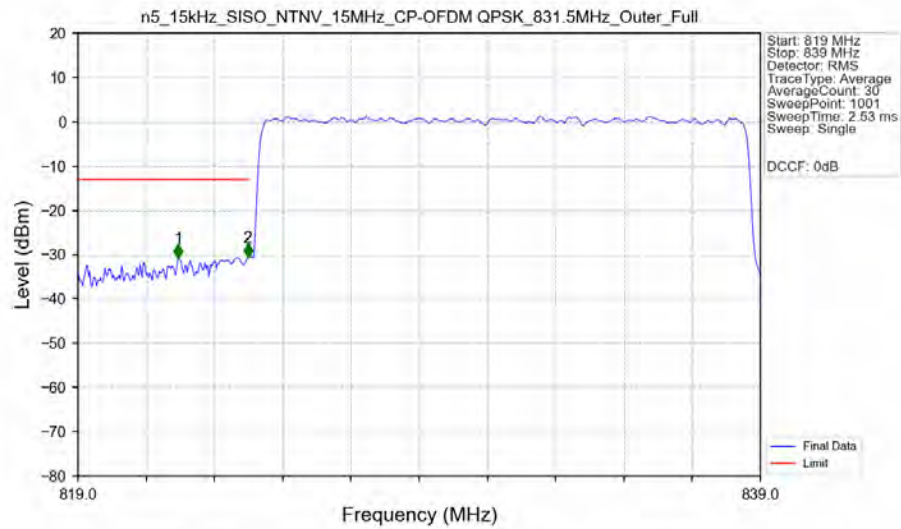
n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_831.5MHz_Edge_1RB_Left_Ant31



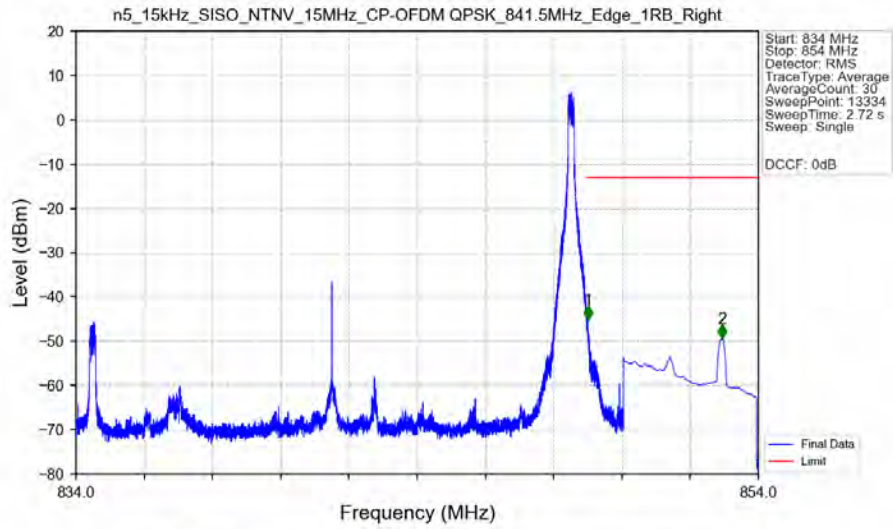
n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_831.5MHz_Edge_1RB_Left_Ant31



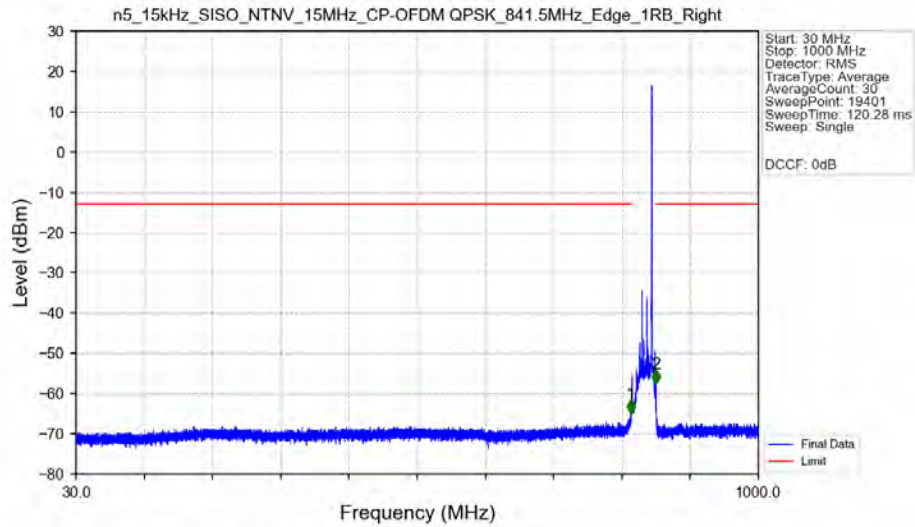
n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_831.5MHz_Outer_Full_Ant31



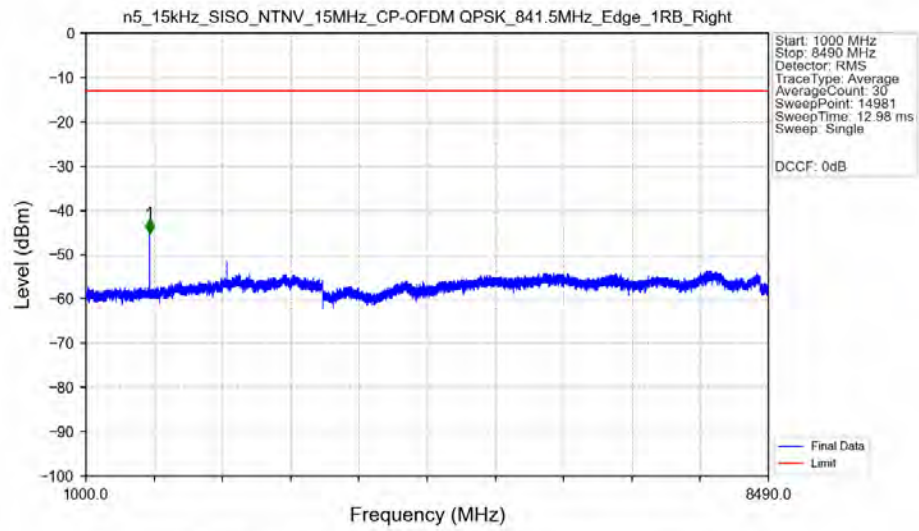
n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_841.5MHz_Edge_1RB_Right_Ant31



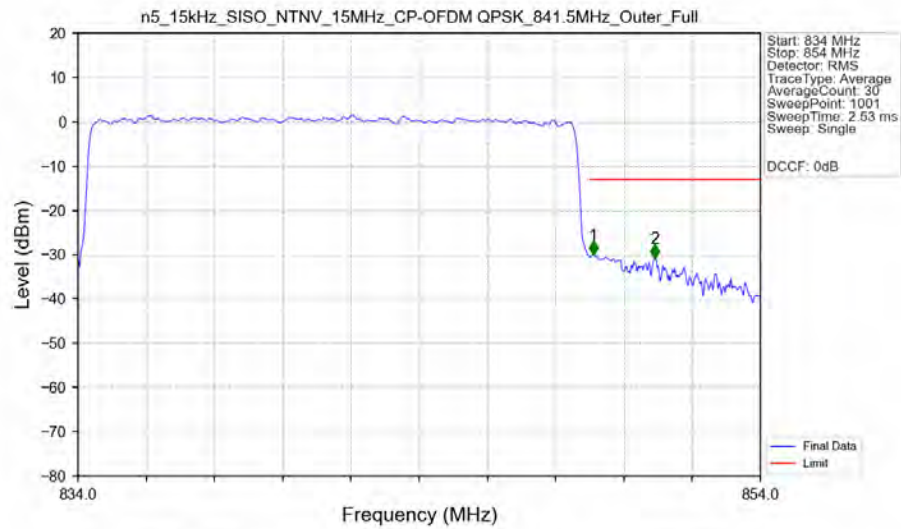
n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_841.5MHz_Edge_1RB_Right_Ant31



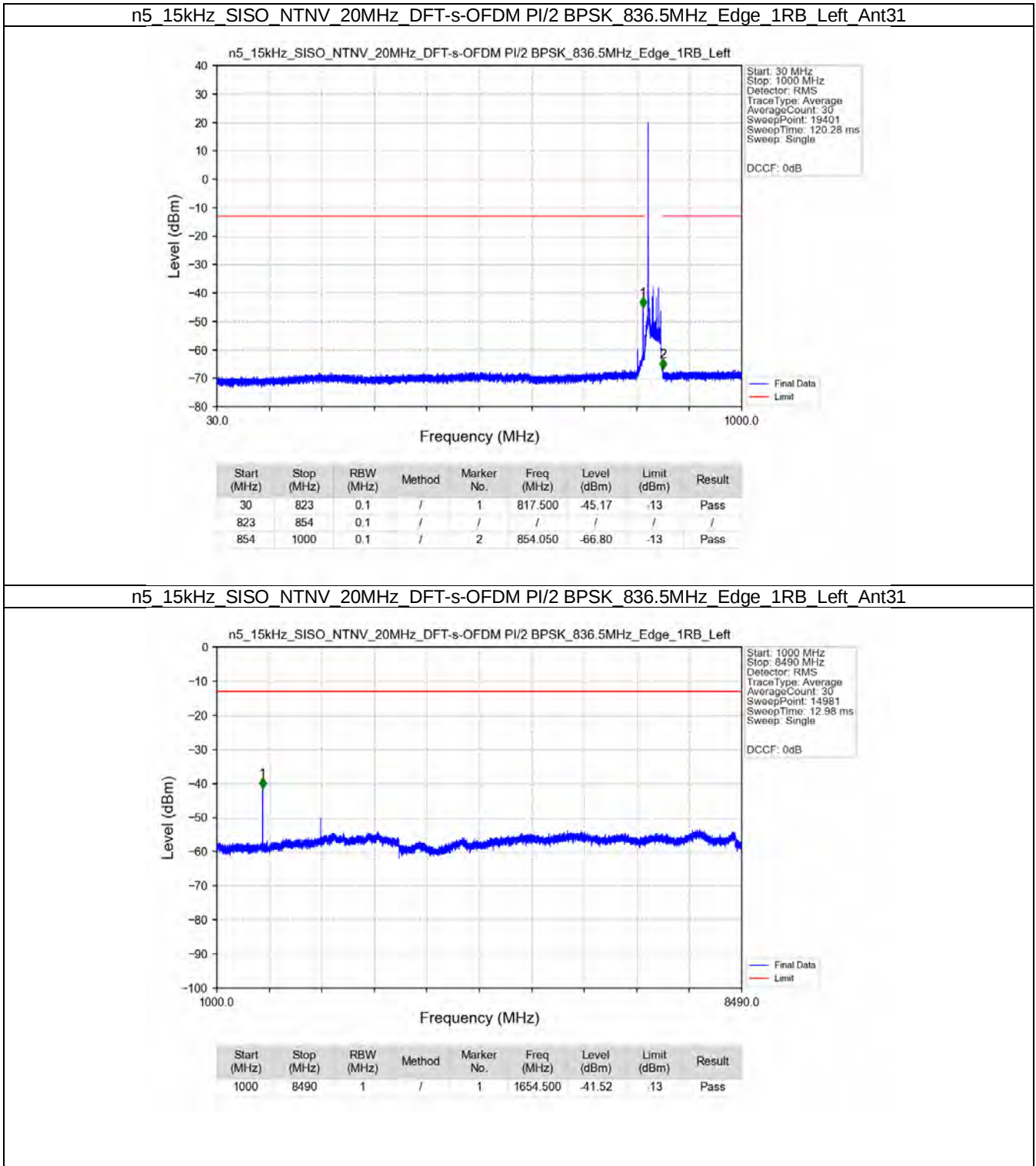
n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_841.5MHz_Edge_1RB_Right_Ant31



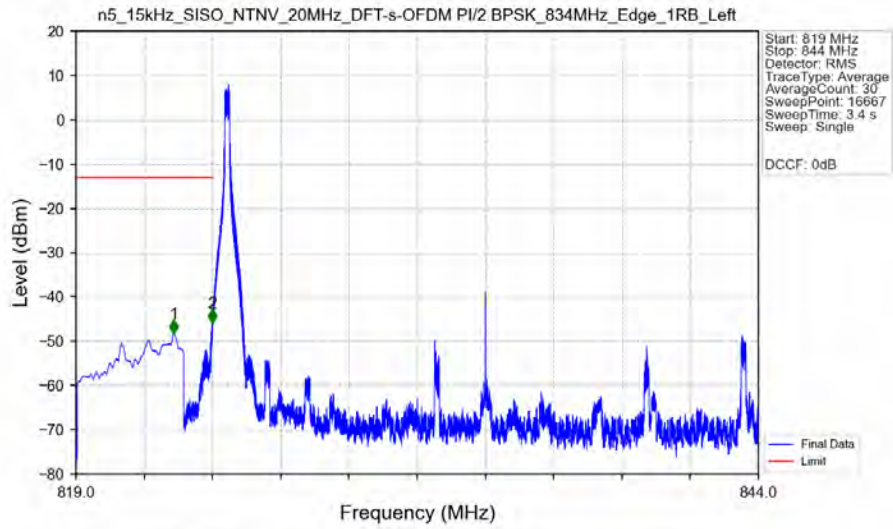
n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_841.5MHz_Outer_Full_Ant31



5.2.3 15k_SISO_20MHz_NTNV

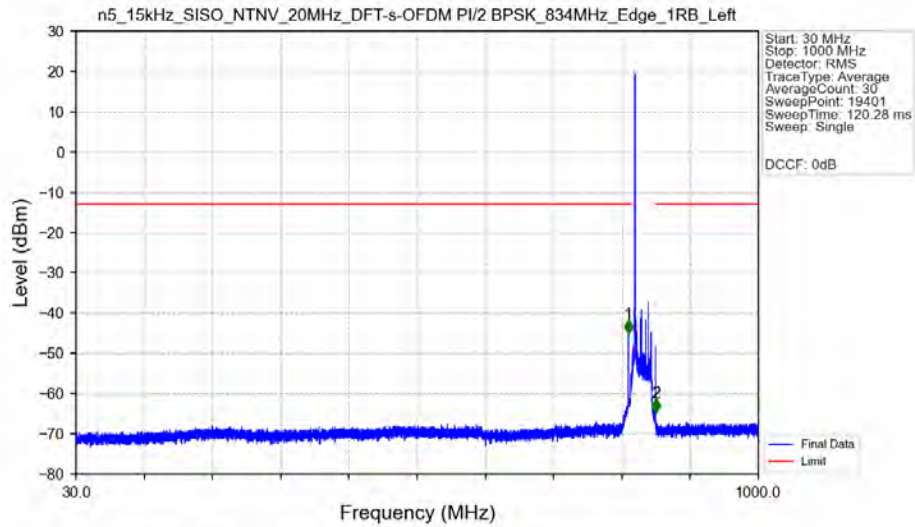


n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_834MHz_Edge_1RB_Left_Ant31



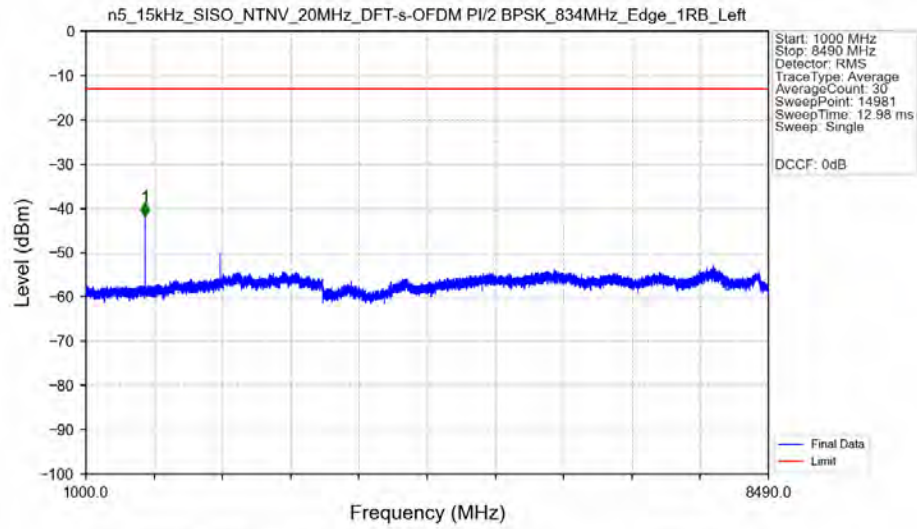
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.584	-48.18	-13	Pass
823	824	0.003	/	2	823.998	-45.82	-13	Pass
824	844	0.003	/	/	/	/	/	/

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_834MHz_Edge_1RB_Left_Ant31

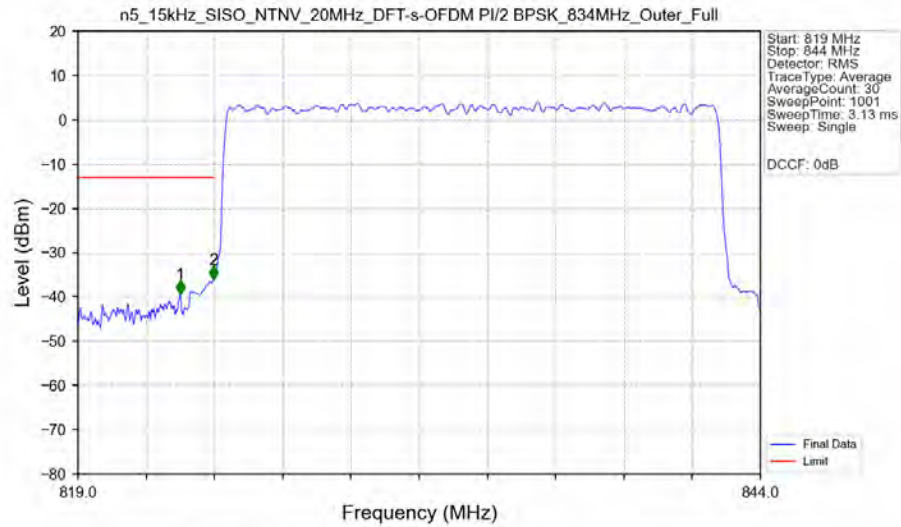


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	815.200	-45.01	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	854.050	-64.80	-13	Pass

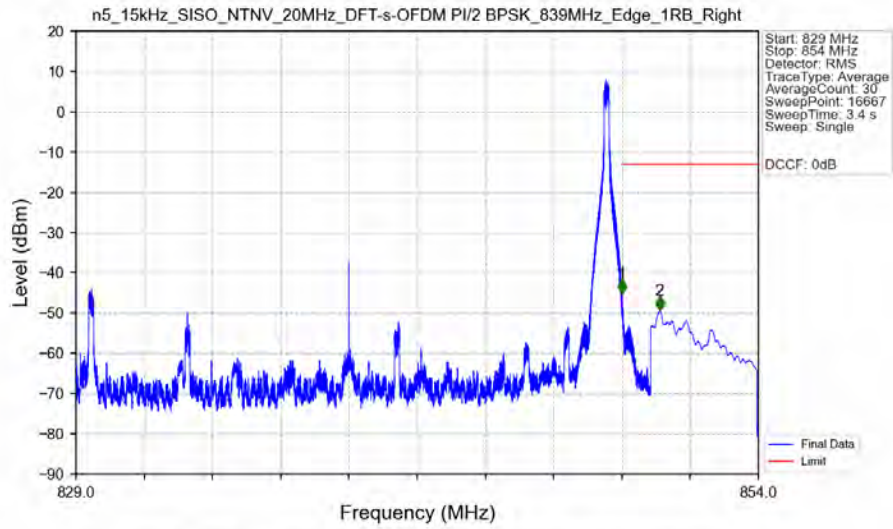
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_834MHz_Edge_1RB_Left_Ant31



n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_834MHz_Outer_Full_Ant31

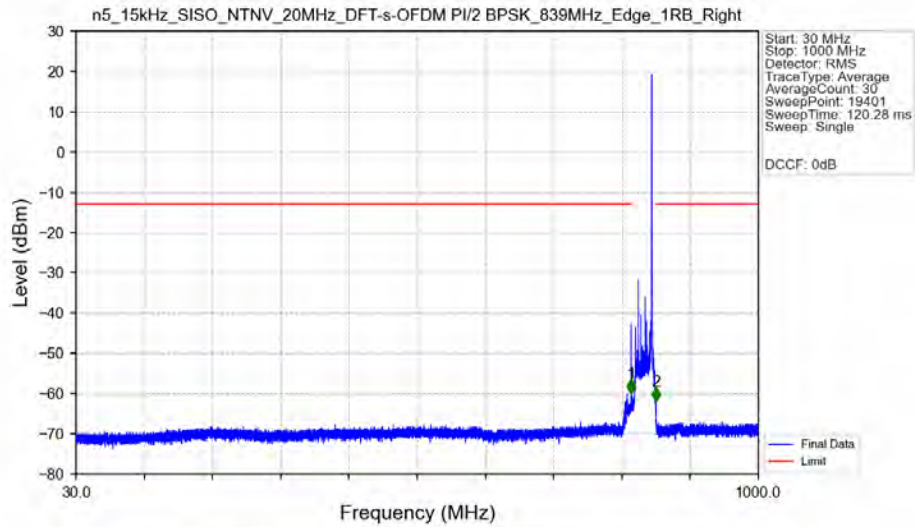


n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_839MHz_Edge_1RB_Right_Ant31



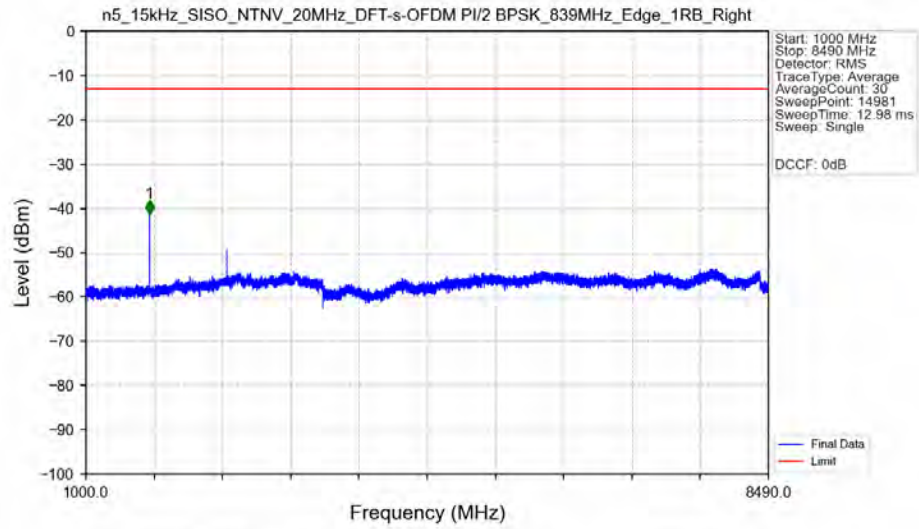
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
829	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.006	-45.09	-13	Pass
850	854	0.1	CHP	2	850.382	-49.24	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_839MHz_Edge_1RB_Right_Ant31



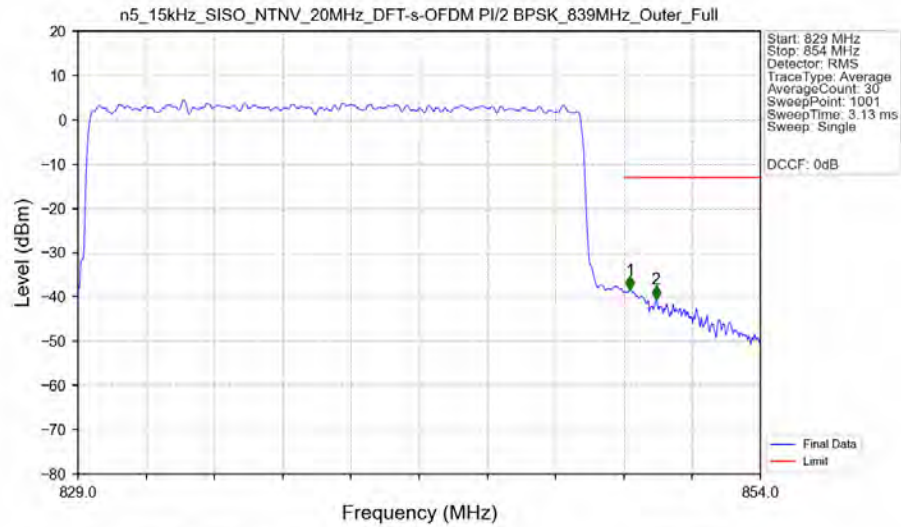
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.950	-59.88	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	854.300	-61.95	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_839MHz_Edge_1RB_Right_Ant31



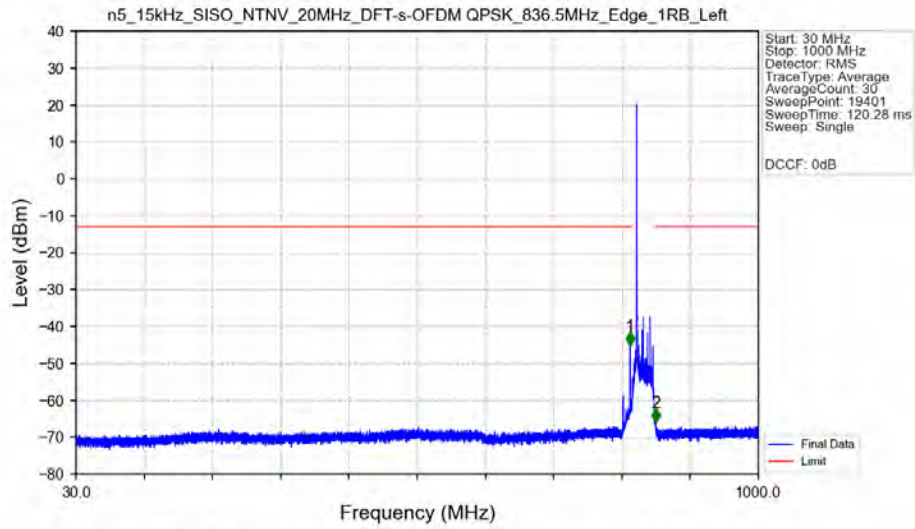
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1697.000	-41.21	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_839MHz_Outer_Full_Ant31

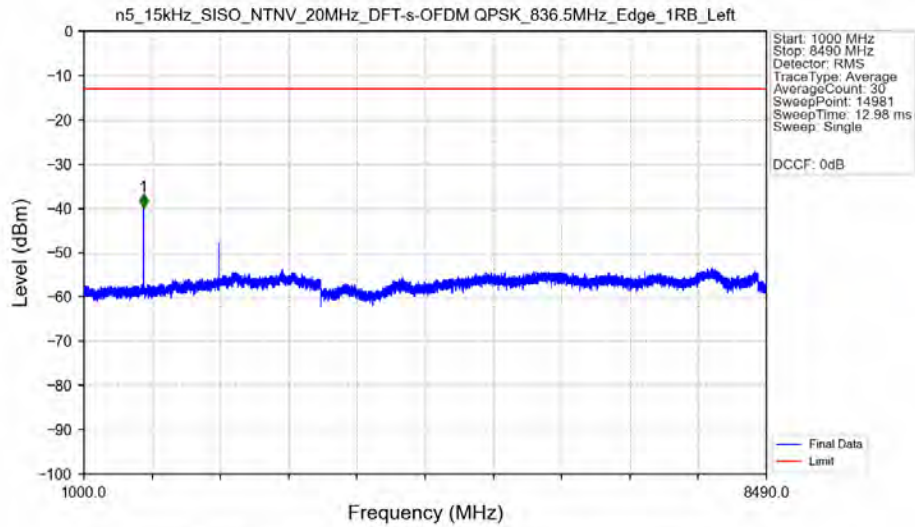


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
829	849	0.19356	CHP	/	/	/	/	/
849	850	0.19356	CHP	1	849.225	-38.39	-13	Pass
850	854	0.1	/	2	850.175	-40.51	-13	Pass

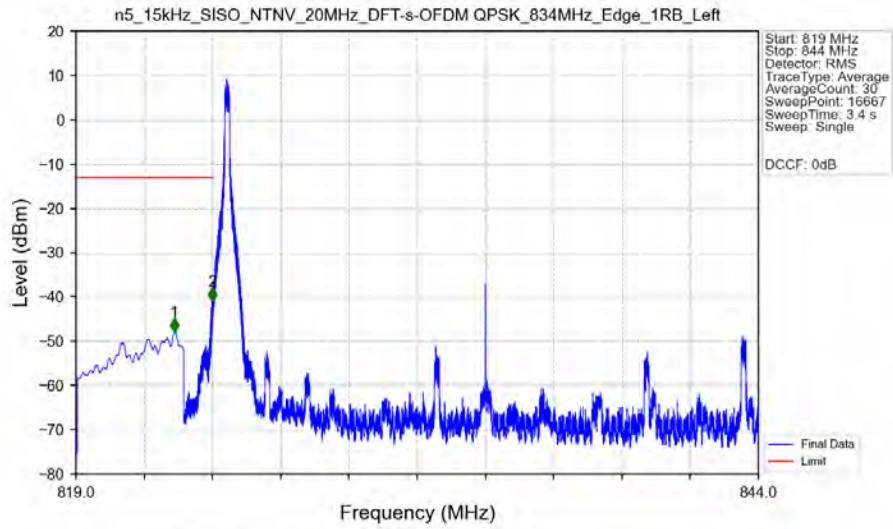
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant31



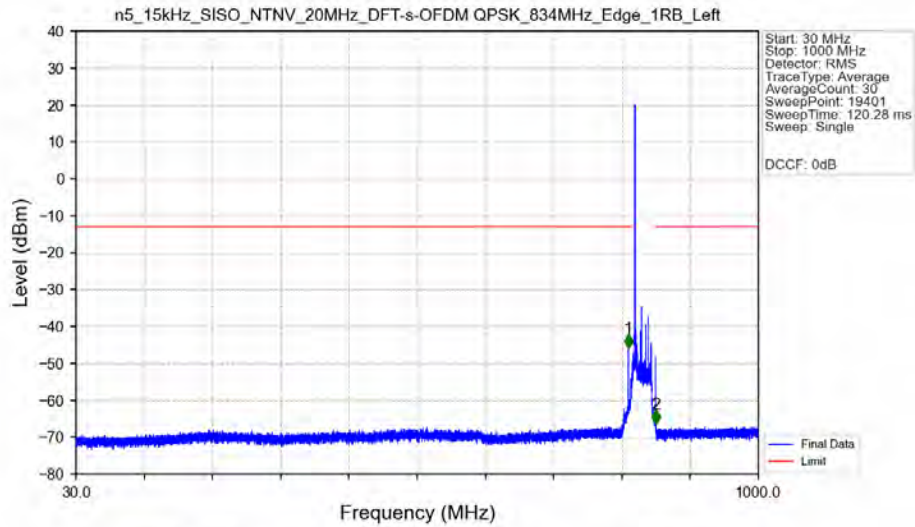
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant31



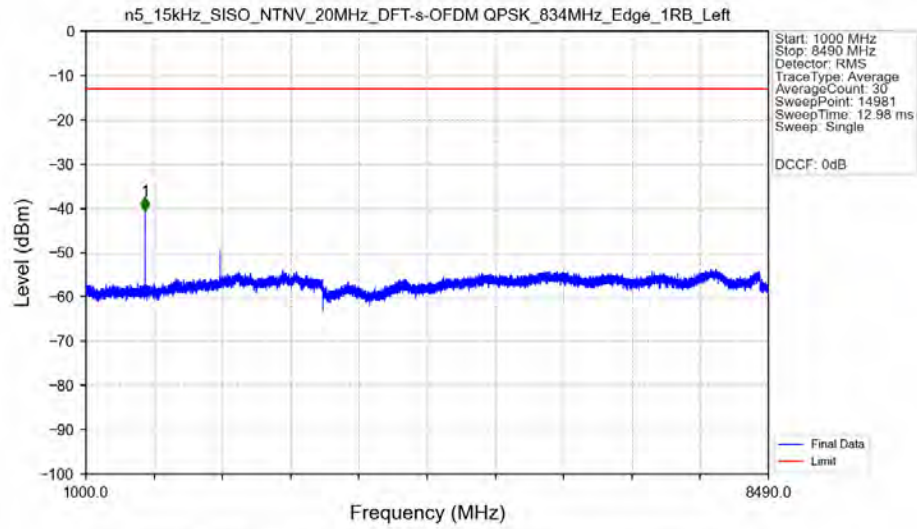
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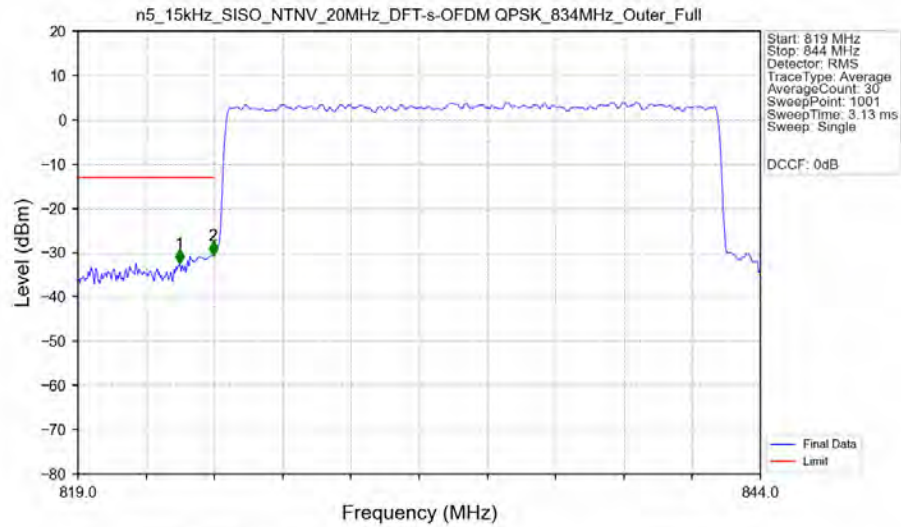
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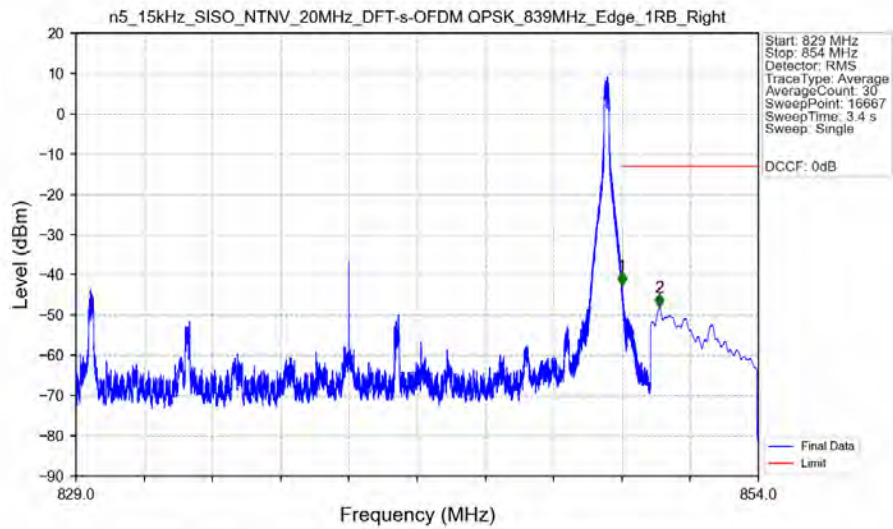
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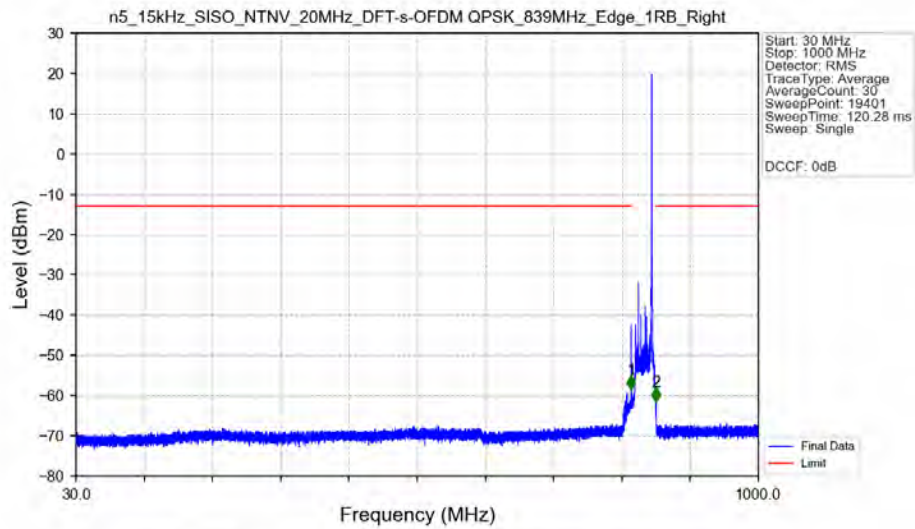
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_834MHz_Outer_Full_Ant31



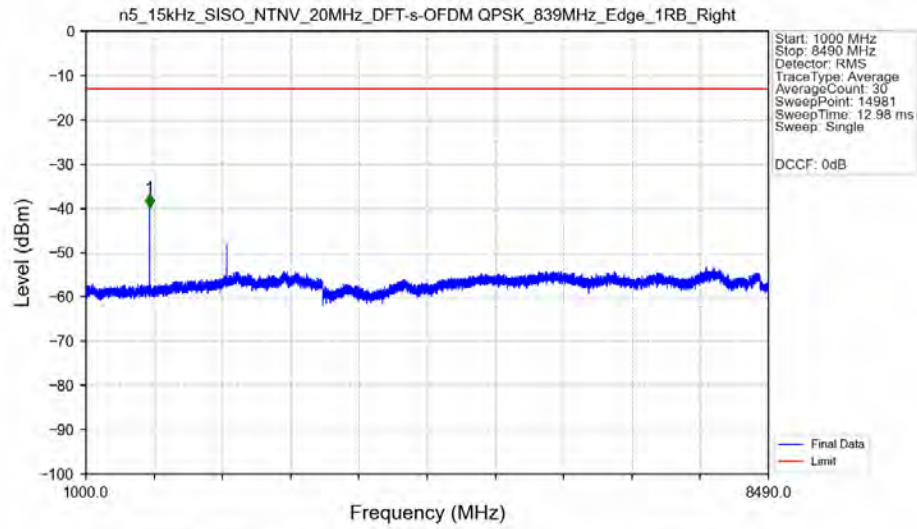
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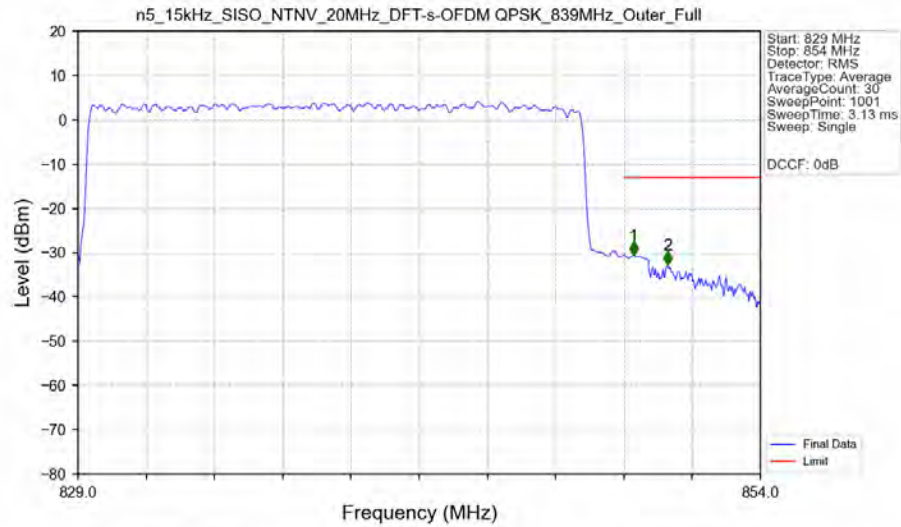
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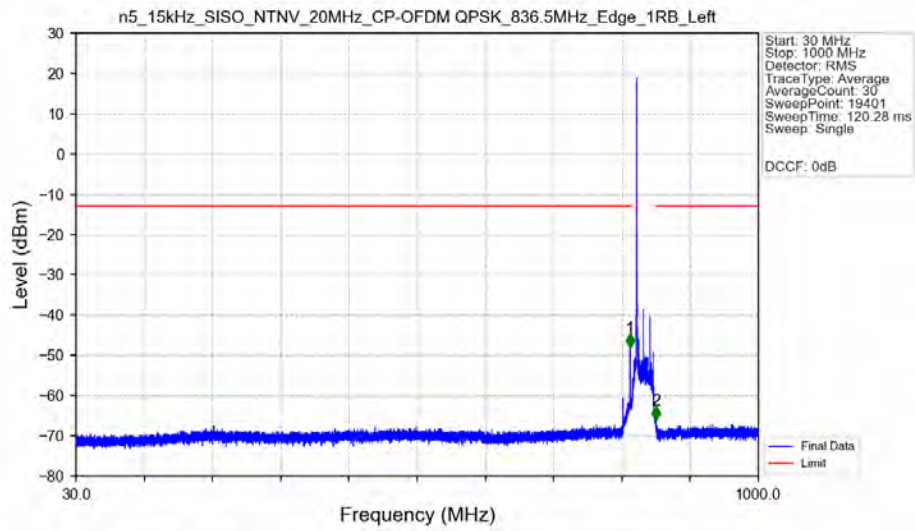
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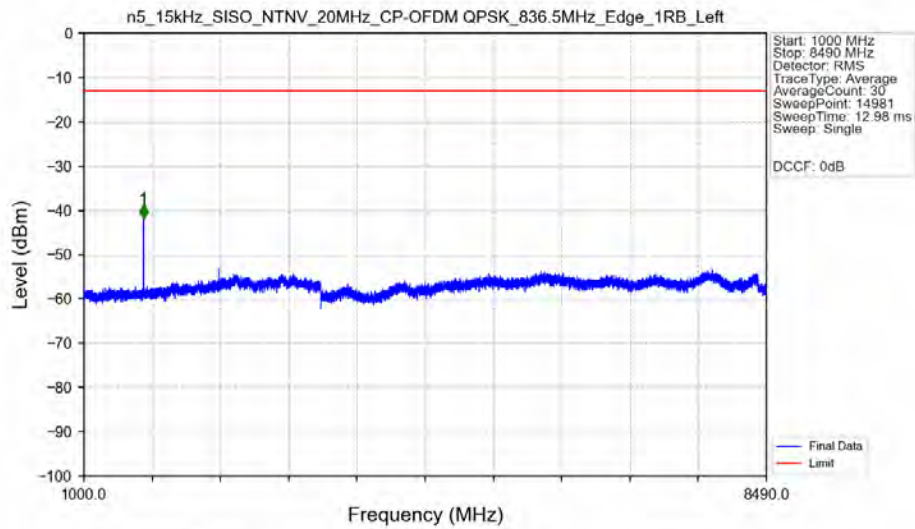
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_839MHz_Outer_Full_Ant31



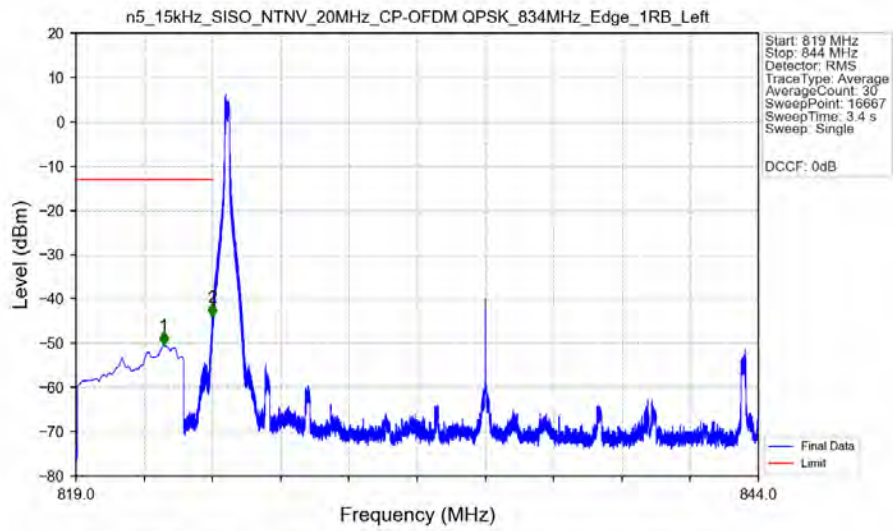
n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant31



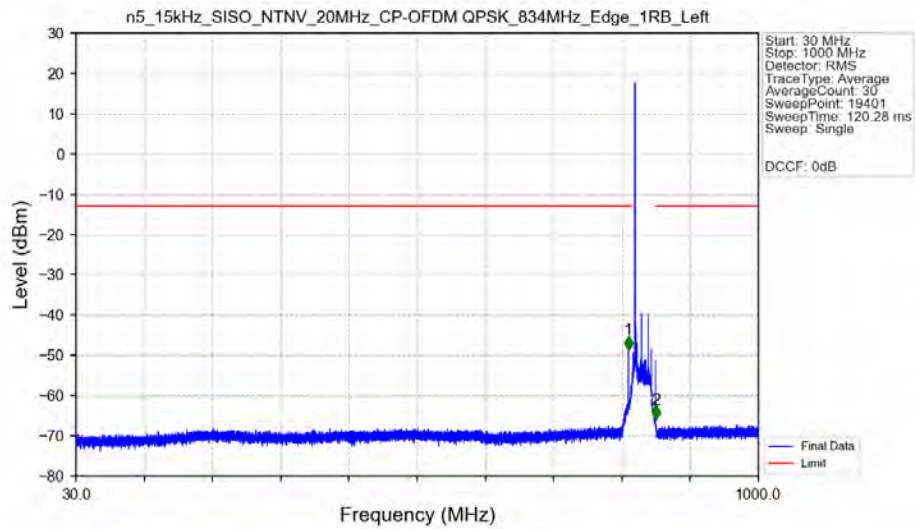
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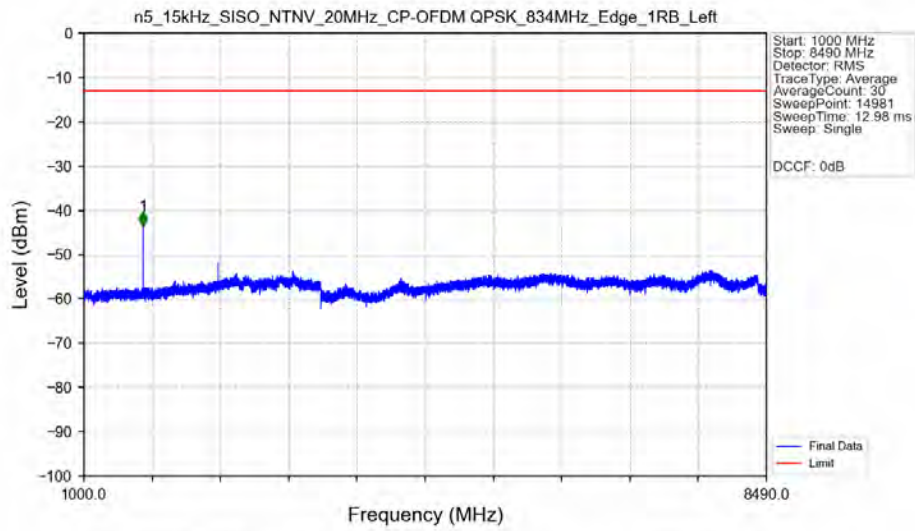
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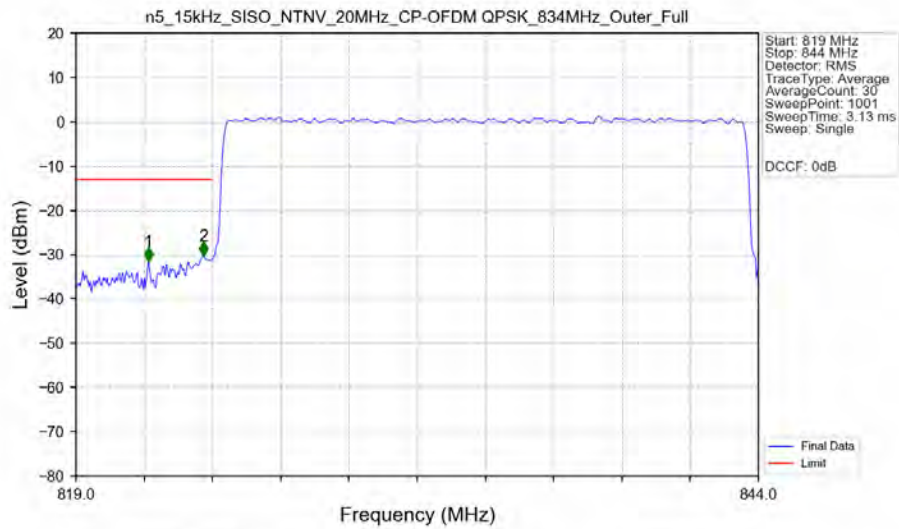
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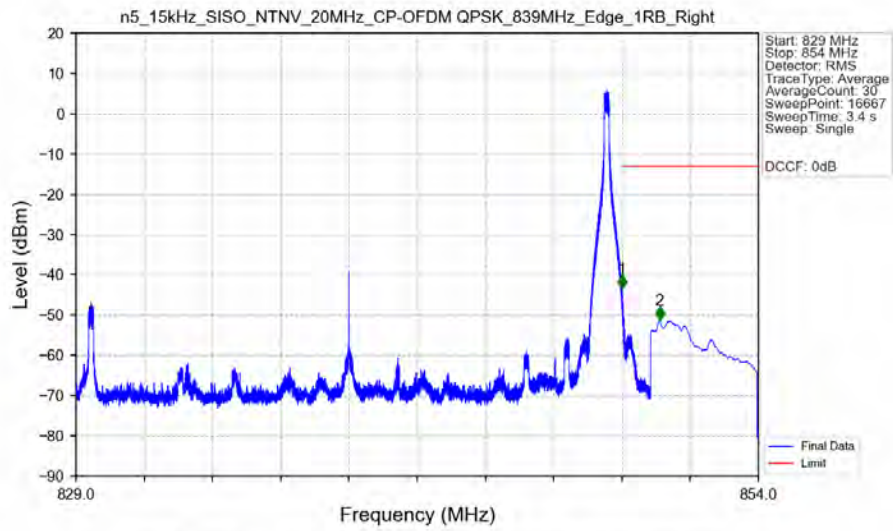
n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_834MHz_Edge_1RB_Left_Ant31



n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_834MHz_Outer_Full_Ant31

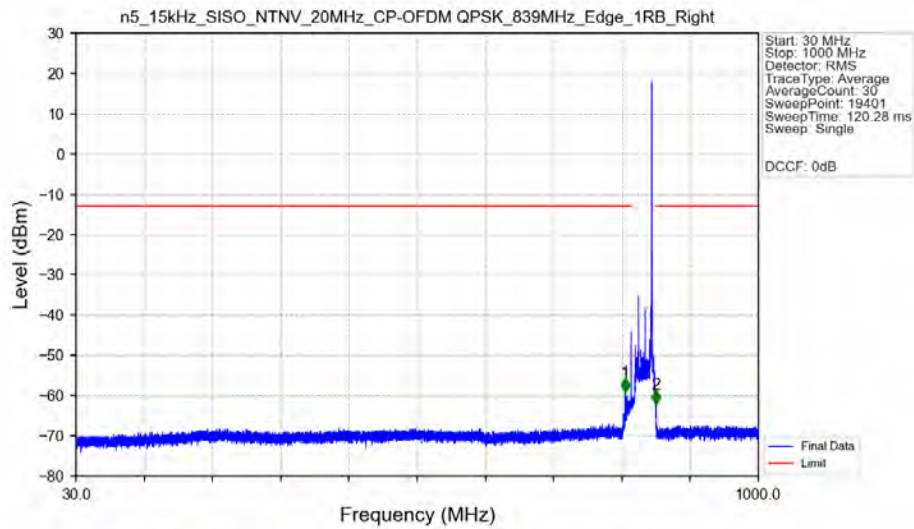


n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_839MHz_Edge_1RB_Right_Ant31



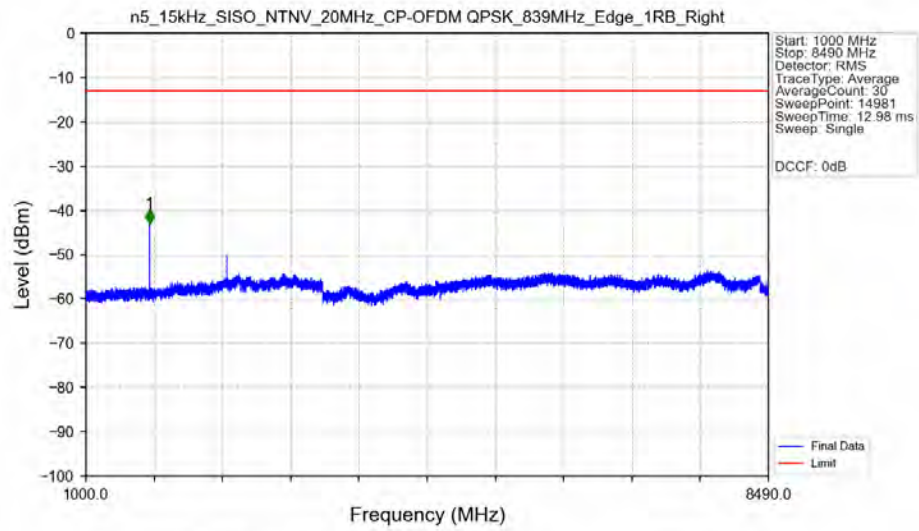
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
829	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.006	-43.48	-13	Pass
850	854	0.1	CHP	2	850.382	-51.32	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_839MHz_Edge_1RB_Right_Ant31

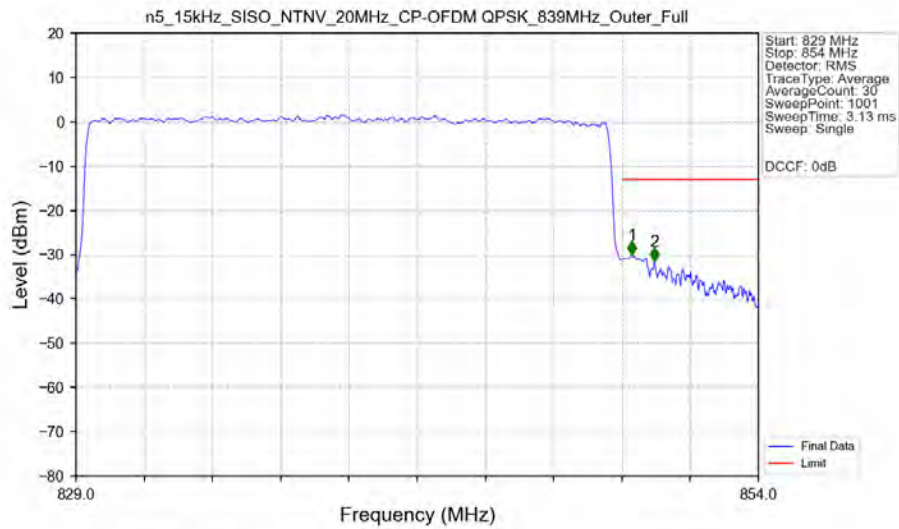


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	810.650	-59.09	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	854.300	-62.13	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_839MHz_Edge_1RB_Right_Ant31



n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_839MHz_Outer_Full_Ant31



6. Field Strength of Spurious Radiation

NR N5 ANT31-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	-66.81	-13	-53.81	-69.69	2.62	5.5	Horizontal	Pass
2475.0	-66.24	-13	-53.24	-68.94	3.06	5.76	Horizontal	Pass
3300.0	-67.11	-13	-54.11	-71.48	3.3	7.67	Horizontal	Pass
1650.0	-70.57	-13	-57.57	-73.45	2.62	5.5	Vertical	Pass
2475.0	-62.09	-13	-49.09	-64.79	3.06	5.76	Vertical	Pass
3300.0	-67.51	-13	-54.51	-71.88	3.3	7.67	Vertical	Pass

NR N5 ANT31-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	-68.32	-13	-55.32	-71.19	2.62	5.49	Horizontal	Pass
2482.5	-69.5	-13	-56.5	-72.21	3.07	5.78	Horizontal	Pass
3310.0	-68.07	-13	-55.07	-72.47	3.3	7.7	Horizontal	Pass
1655.0	-71.62	-13	-58.62	-74.49	2.62	5.49	Vertical	Pass
2482.5	-69.68	-13	-56.68	-72.39	3.07	5.78	Vertical	Pass
3310.0	-67.63	-13	-54.63	-72.03	3.3	7.7	Vertical	Pass

NR N5 ANT31-High channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#1								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1660.0	-71.64	-13	-58.64	-74.5	2.62	5.48	Horizontal	Pass
2490.0	-69.24	-13	-56.24	-71.97	3.07	5.8	Horizontal	Pass
3320.0	-67.64	-13	-54.64	-72.05	3.31	7.72	Horizontal	Pass
1660.0	-71.51	-13	-58.51	-74.37	2.62	5.48	Vertical	Pass
2490.0	-69.55	-13	-56.55	-72.28	3.07	5.8	Vertical	Pass
3320.0	-67.61	-13	-54.61	-72.02	3.31	7.72	Vertical	Pass

NSA_7A_n5A-Low channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
5002.0	-56.26	-25	-31.26	-61.83	4.57	10.14	Horizontal	Pass
7503.0	-49.77	-25	-24.77	-56.57	4.94	11.74	Horizontal	Pass
10004.0	-47.13	-25	-22.13	-54.7	5.46	13.03	Horizontal	Pass
5002.0	-50.61	-25	-25.61	-56.18	4.57	10.14	Vertical	Pass
7503.0	-39.99	-25	-14.99	-46.79	4.94	11.74	Vertical	Pass
10004.0	-52.03	-25	-27.03	-59.6	5.46	13.03	Vertical	Pass

NSA_7A_n5A-Middle channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
5052.0	-60.24	-25	-35.24	-65.82	4.59	10.17	Horizontal	Pass
7578.0	-50.32	-25	-25.32	-57.2	4.95	11.83	Horizontal	Pass
10104.0	-52.12	-25	-27.12	-59.69	5.48	13.05	Horizontal	Pass
5052.0	-49.68	-25	-24.68	-55.26	4.59	10.17	Vertical	Pass
7578.0	-50.37	-25	-25.37	-57.25	4.95	11.83	Vertical	Pass
10104.0	-43.97	-25	-18.97	-51.54	5.48	13.05	Vertical	Pass

NSA_7A_n5A-High channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
5102.0	-62.9	-25	-37.9	-68.5	4.6	10.2	Horizontal	Pass
7653.0	-57.26	-25	-32.26	-64.23	4.95	11.92	Horizontal	Pass
10204.0	-54.4	-25	-29.4	-61.98	5.49	13.07	Horizontal	Pass
5102.0	-61.84	-25	-36.84	-67.44	4.6	10.2	Vertical	Pass
7653.0	-45.41	-25	-20.41	-52.38	4.95	11.92	Vertical	Pass
10204.0	-52.89	-25	-27.89	-60.47	5.49	13.07	Vertical	Pass