

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 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	23.79	/	/	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
		Edge_1RB_Left	20.92	/	/	14.41	/	/	<=38.45	Pass
		Edge_1RB_Right	21.04	/	/	14.53	/	/	<=38.45	Pass
	834	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

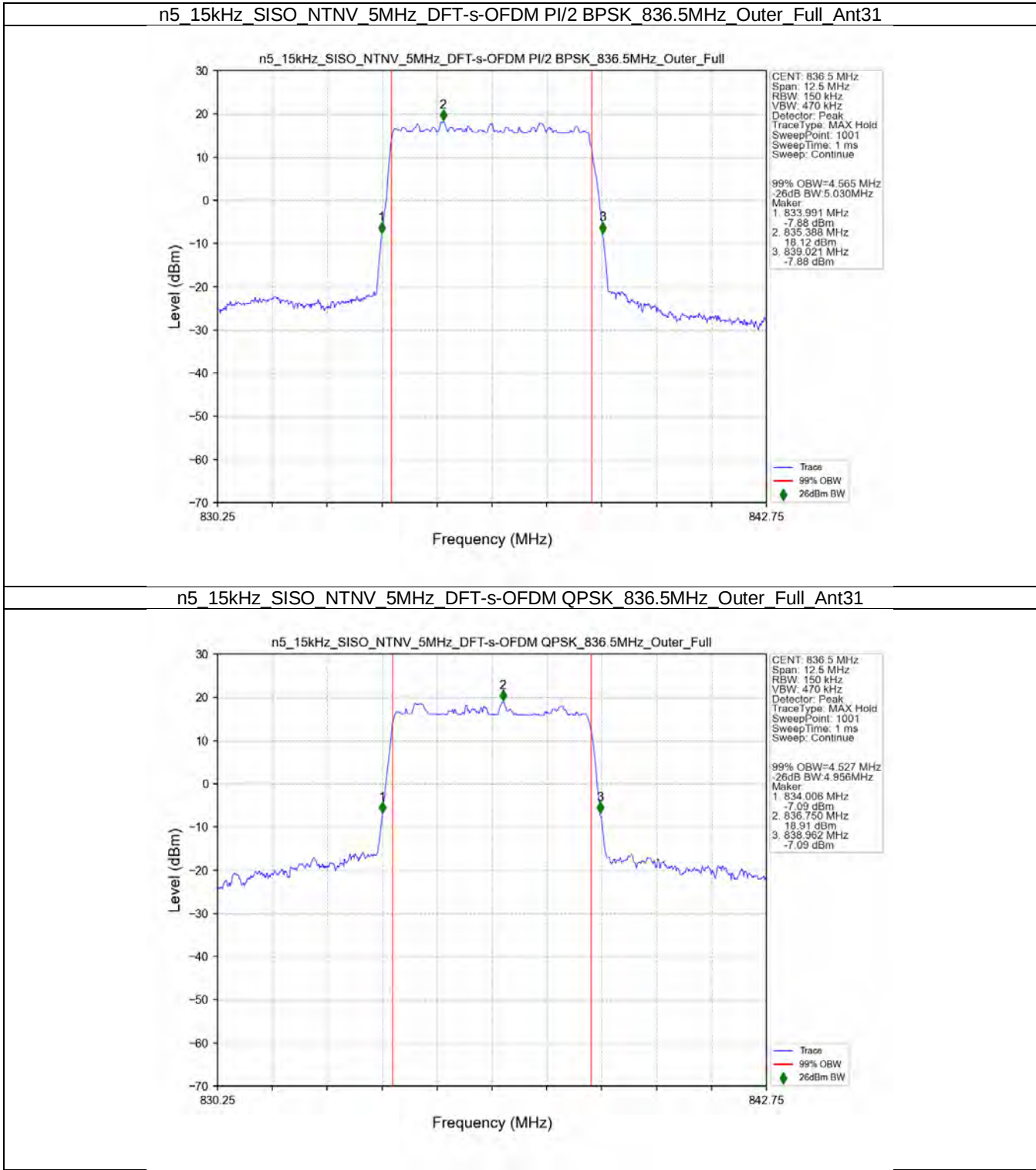
5G NR n5 SCS=15kHz SISO 15MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	836.5	Outer Full	13.62	14.57	/	Pass
DFT-s-OFDM QPSK	836.5	Outer Full	13.59	14.61	/	Pass
DFT-s-OFDM 16 QAM	836.5	Outer Full	13.60	14.64	/	Pass
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

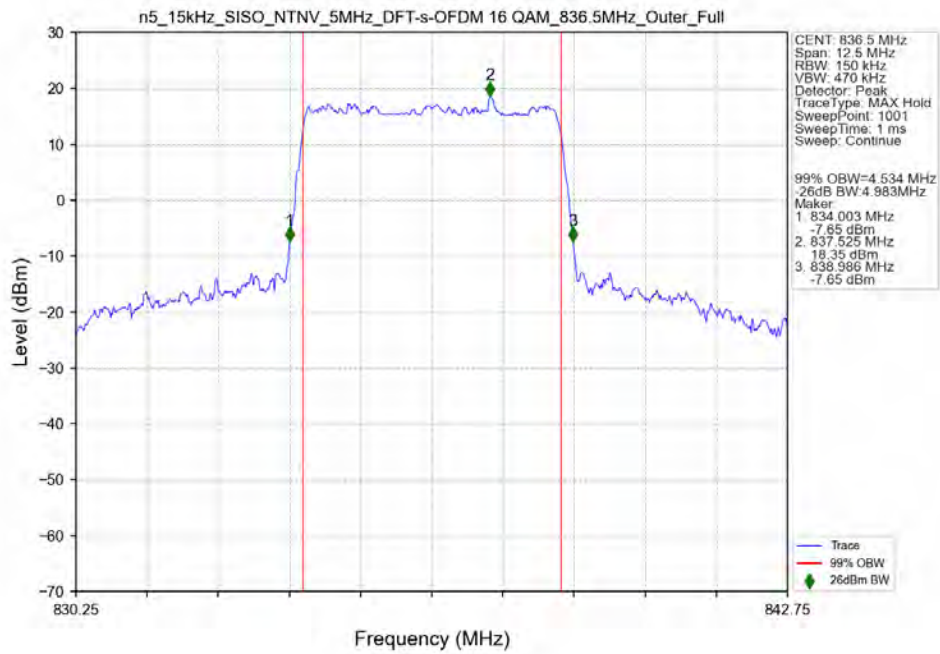
5G NR n5 SCS=15kHz SISO 20MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	836.5	Outer Full	18.12	19.38	/	Pass
DFT-s-OFDM QPSK	836.5	Outer Full	18.11	19.45	/	Pass
DFT-s-OFDM 16 QAM	836.5	Outer Full	18.06	19.39	/	Pass
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

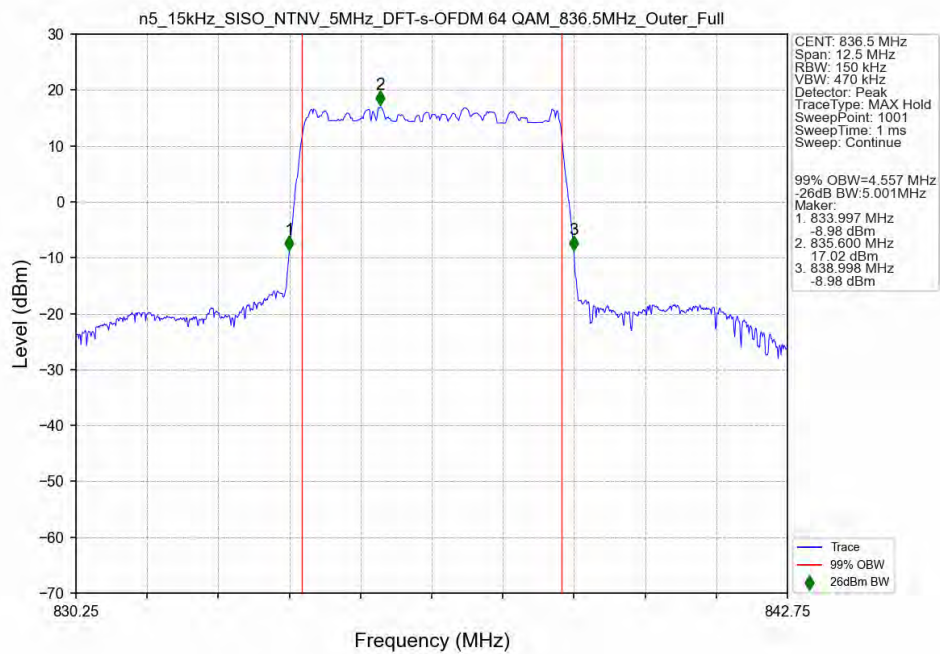
3.2.1 15k_SISO_5MHz_NTNV



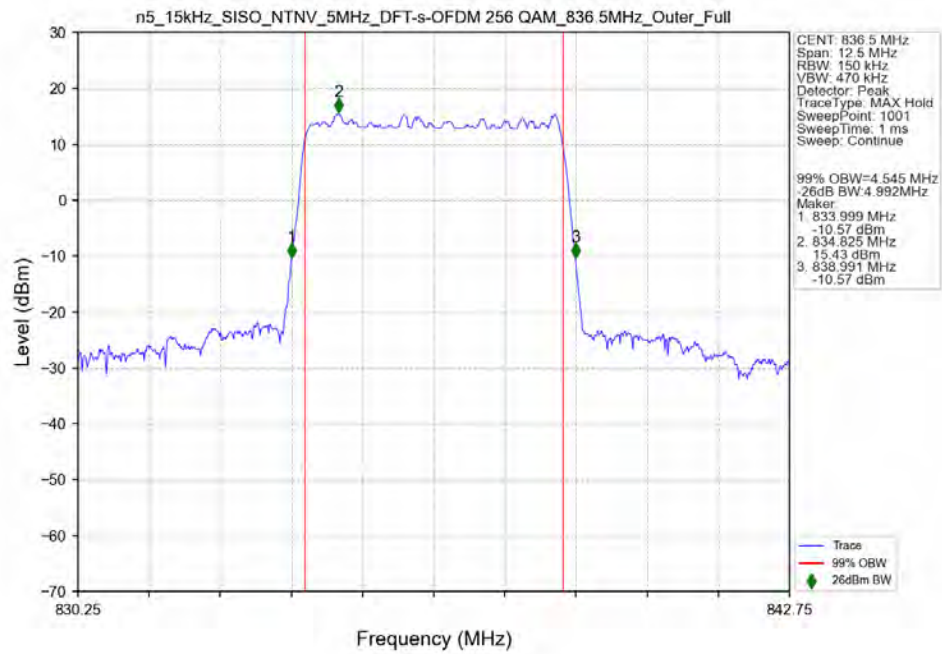
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_16_QAM_836.5MHz_Outer_Full_Ant31



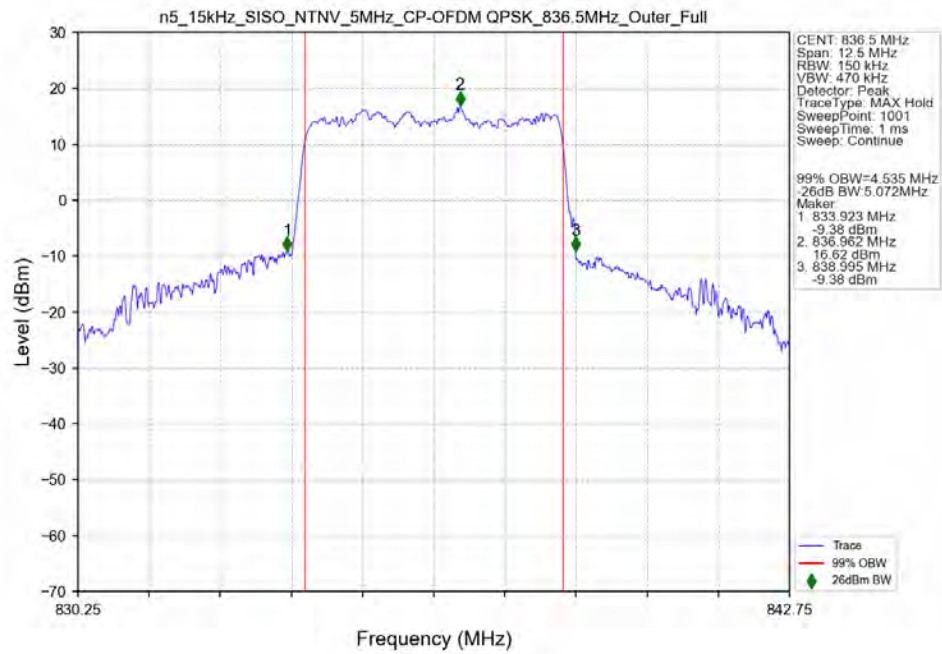
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_64_QAM_836.5MHz_Outer_Full_Ant31



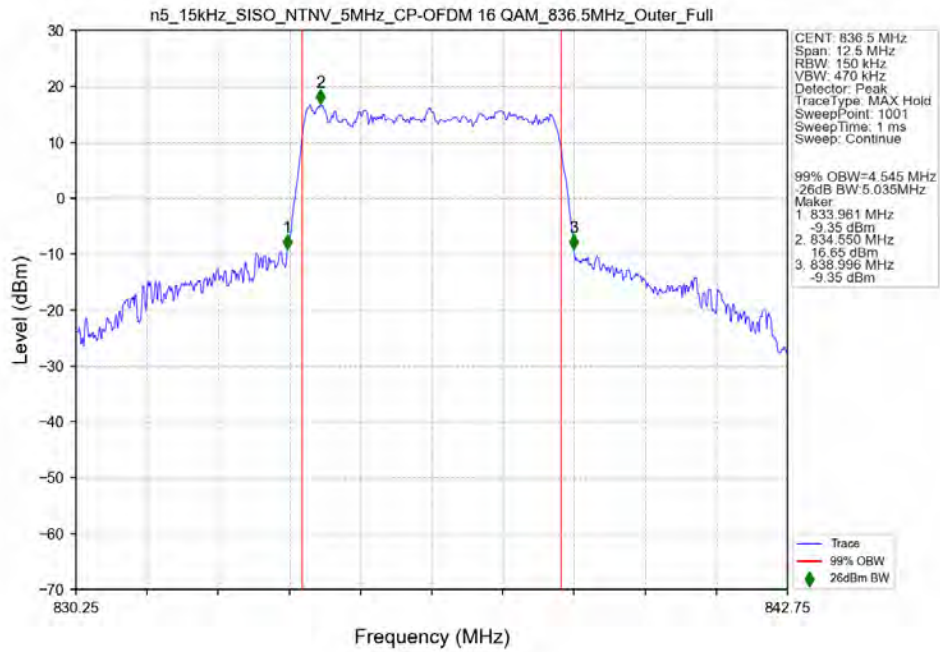
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_256_QAM_836.5MHz_Outer_Full_Ant31



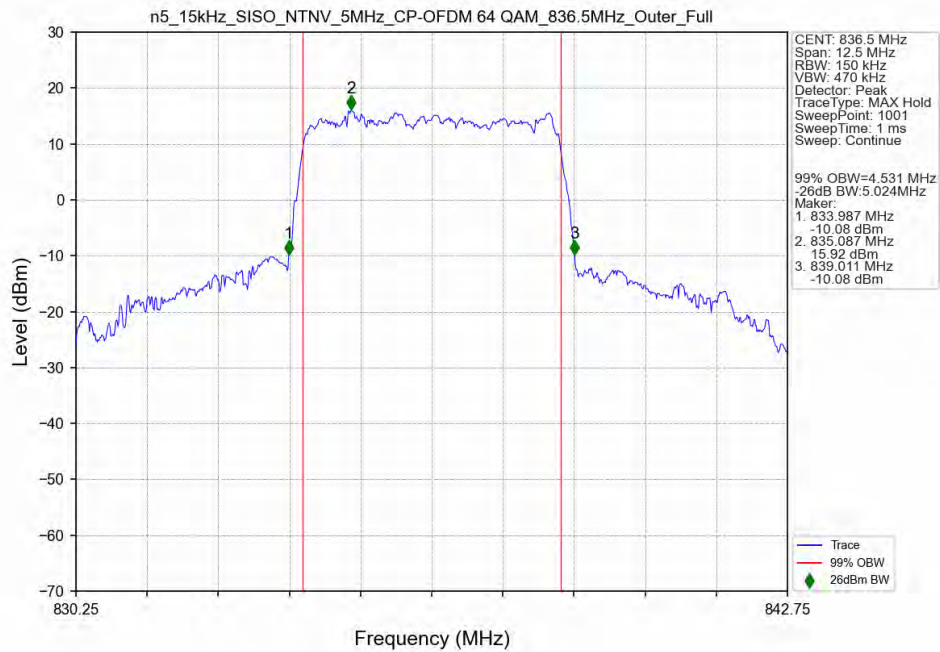
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_836.5MHz_Outer_Full_Ant31



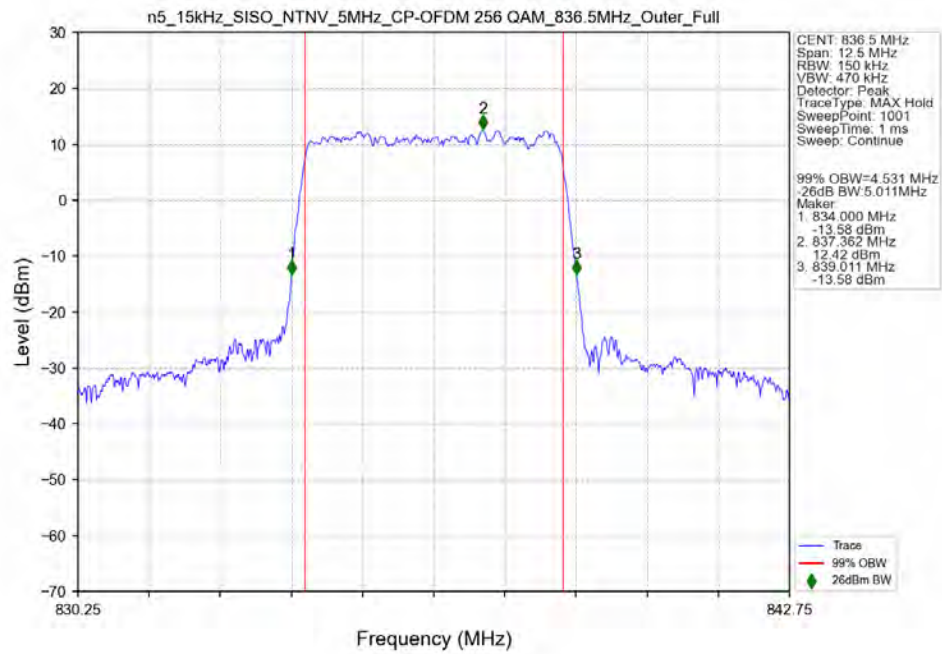
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM 16 QAM 836.5MHz_Outer_Full_Ant31



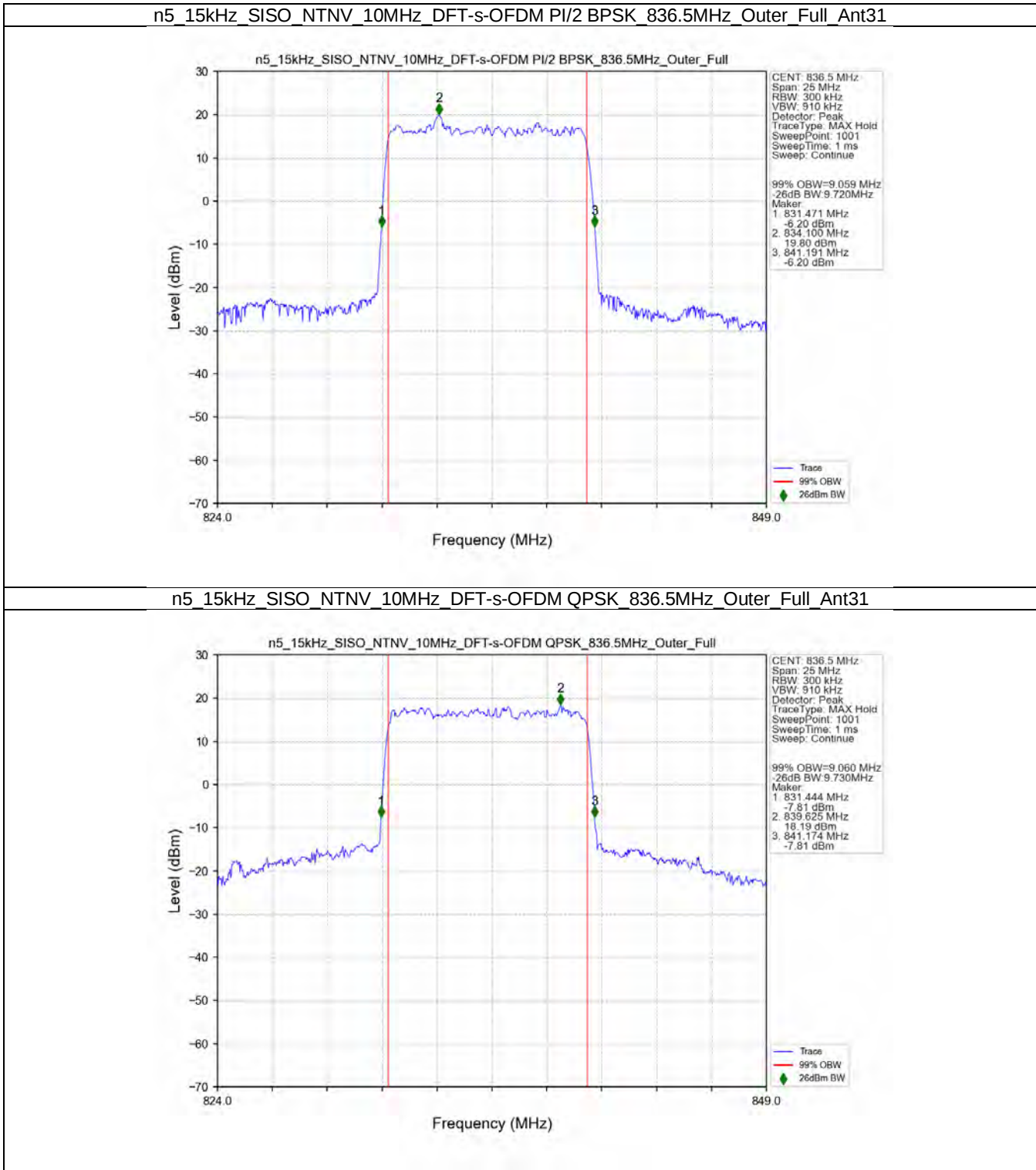
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM 64 QAM 836.5MHz_Outer_Full_Ant31



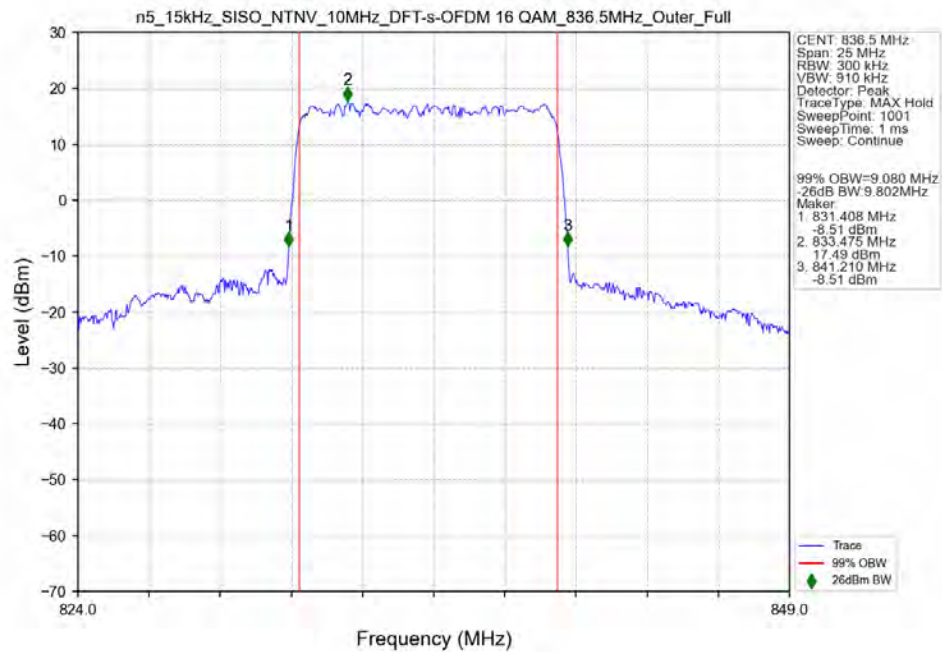
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_256_QAM_836.5MHz_Outer_Full_Ant31



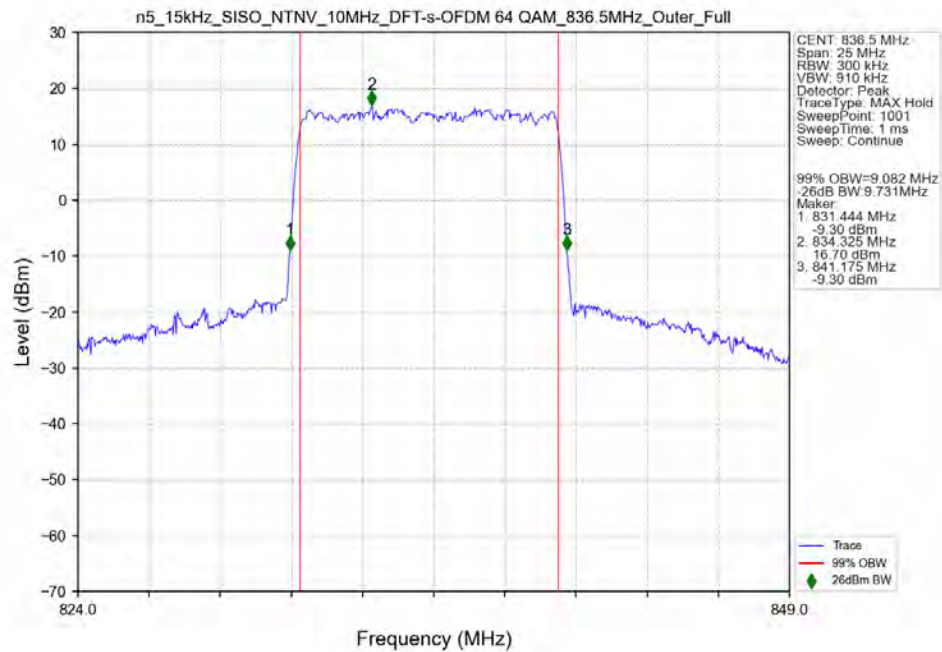
3.2.2 15k_SISO_10MHz_NTNV



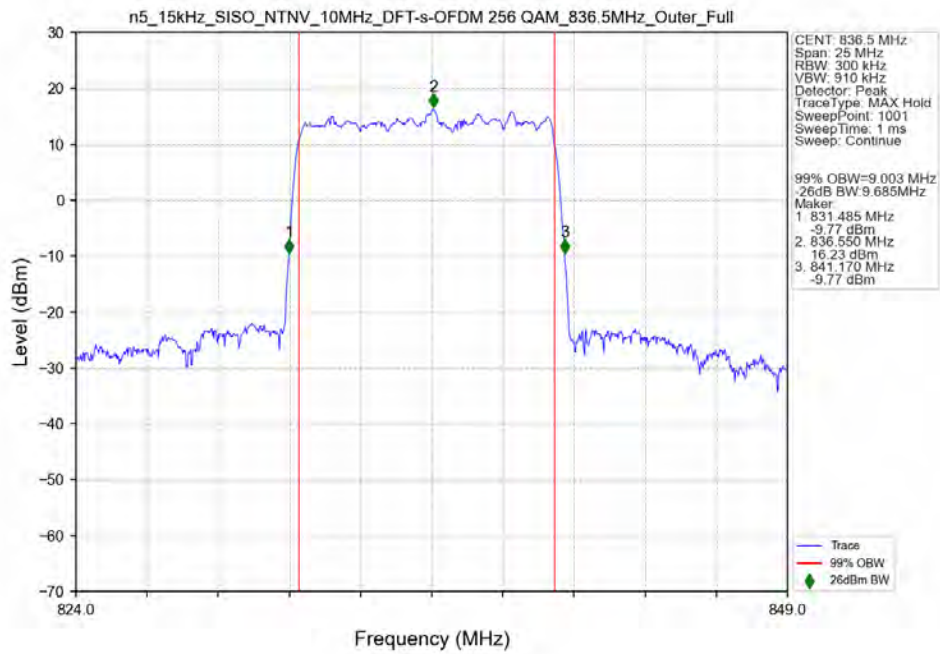
n5_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_16_QAM_836.5MHz_Outer_Full_Ant31



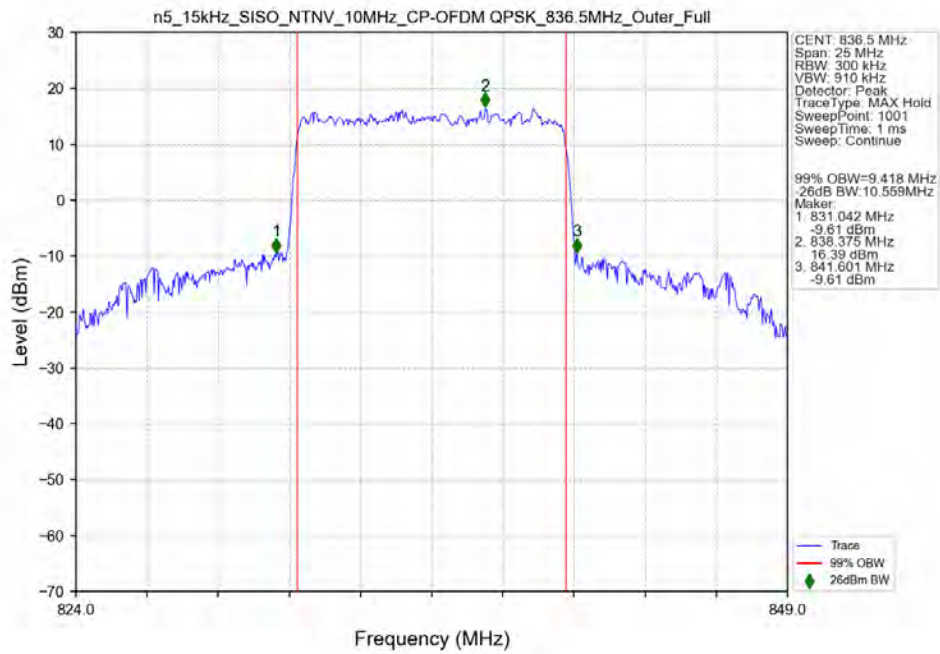
n5_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_64_QAM_836.5MHz_Outer_Full_Ant31



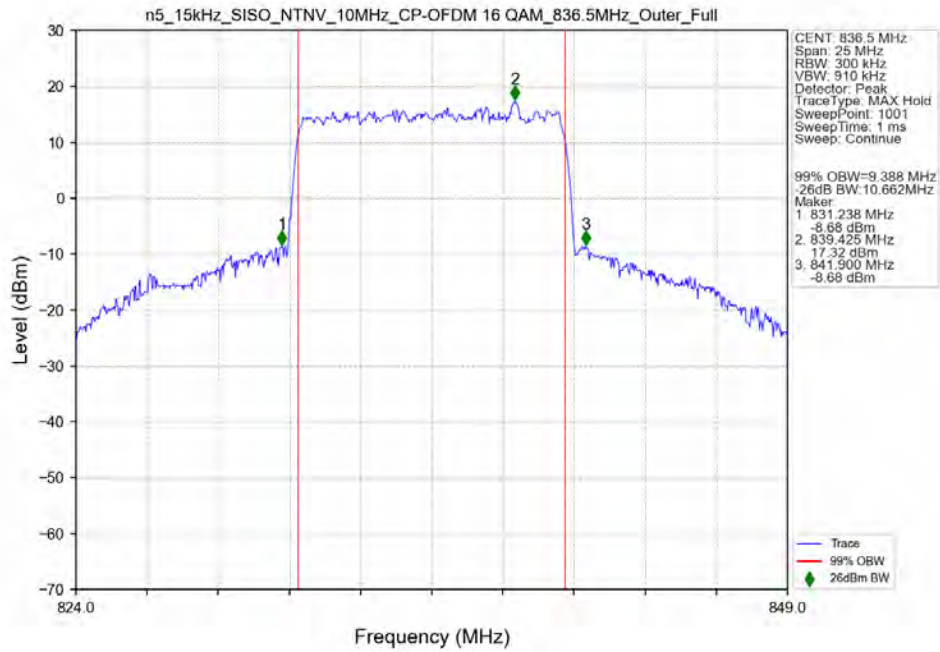
n5_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_256_QAM_836.5MHz_Outer_Full_Ant31



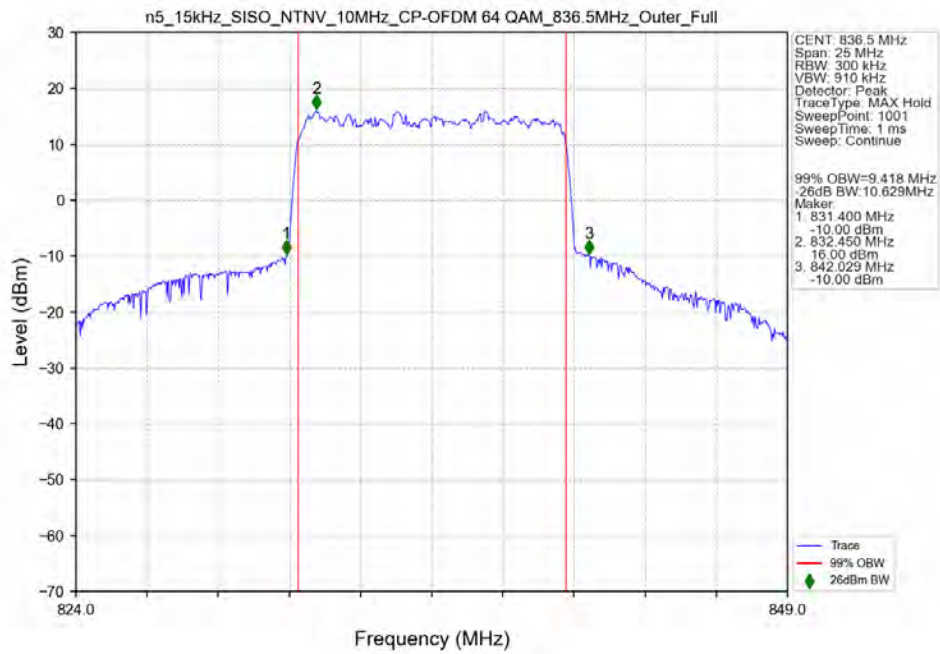
n5_15kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_836.5MHz_Outer_Full_Ant31



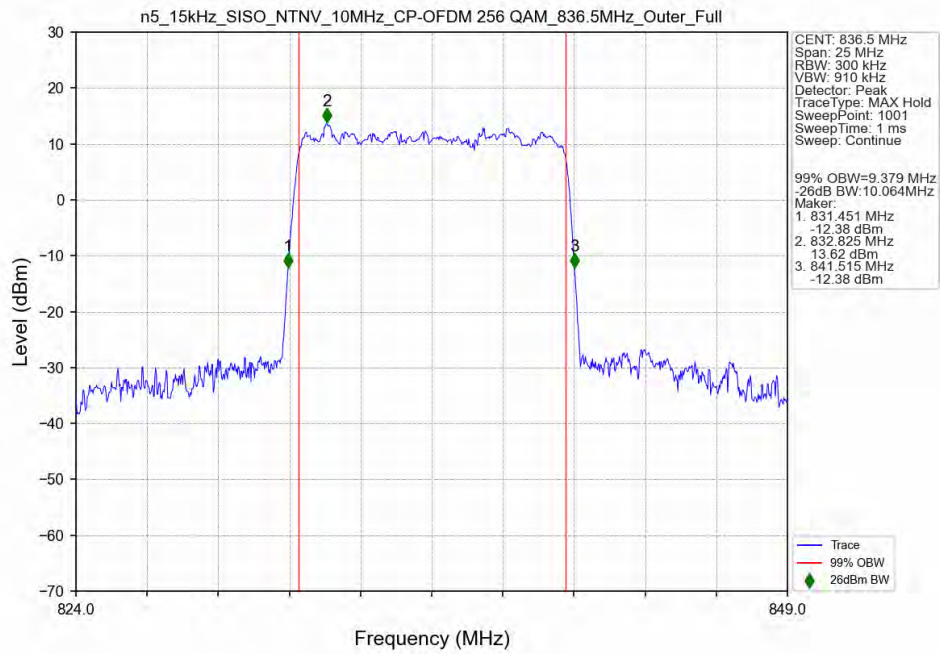
n5_15kHz_SISO_NTNV_10MHz_CP-OFDM 16 QAM 836.5MHz Outer Full Ant31



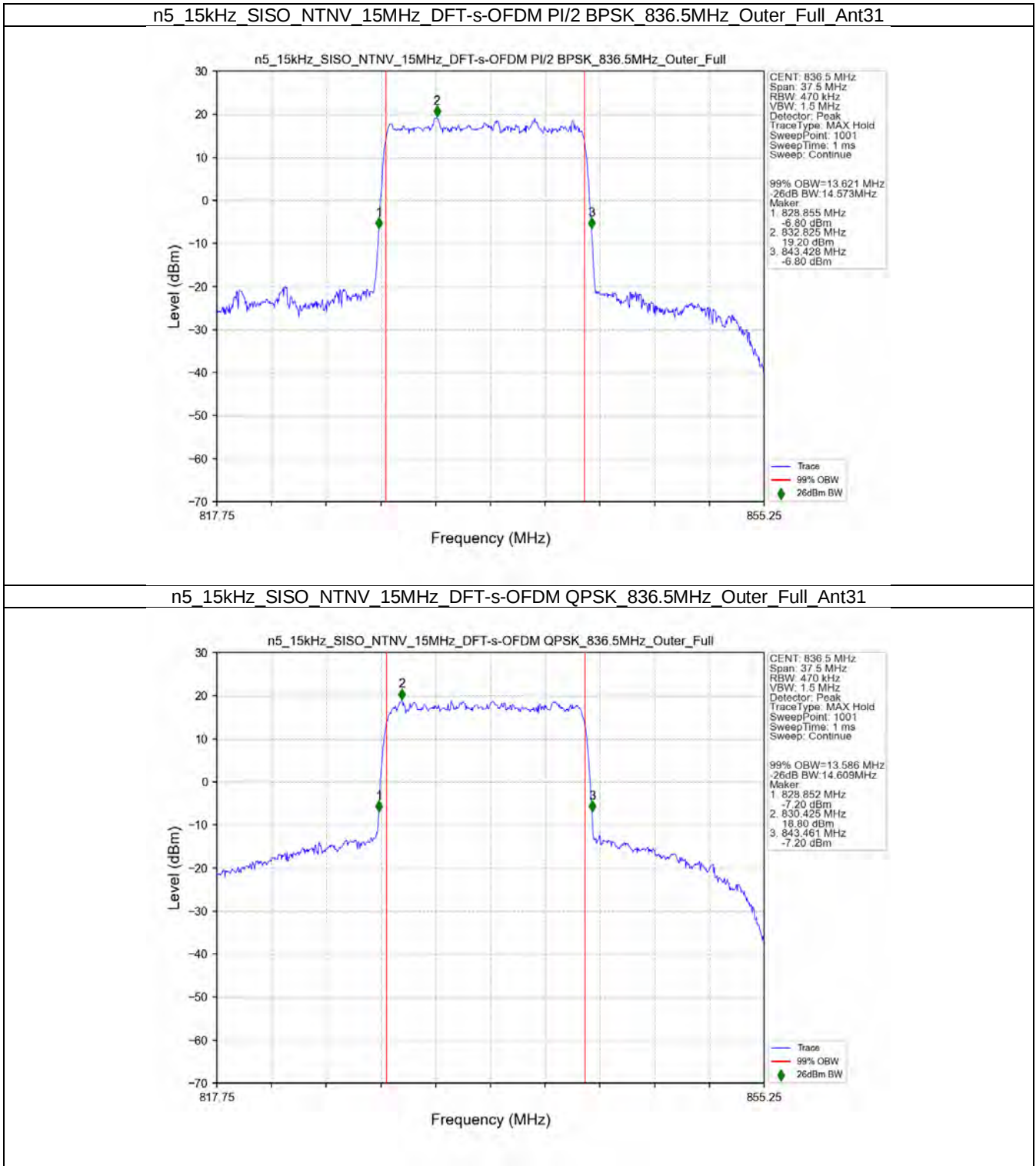
n5_15kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM 836.5MHz Outer Full Ant31



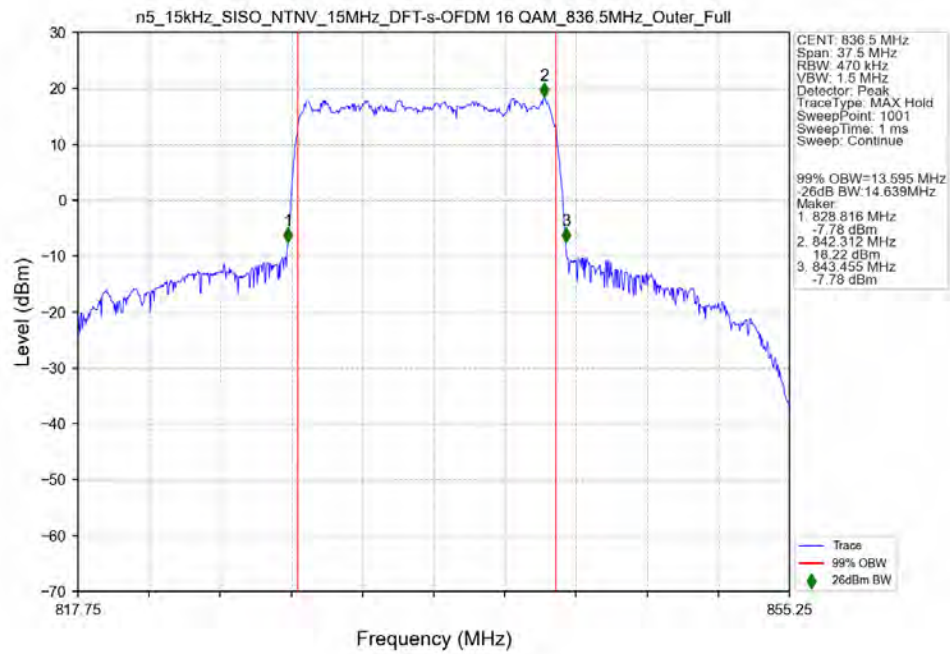
n5_15kHz_SISO_NTNV_10MHz_CP-OFDM_256_QAM_836.5MHz_Outer_Full_Ant31



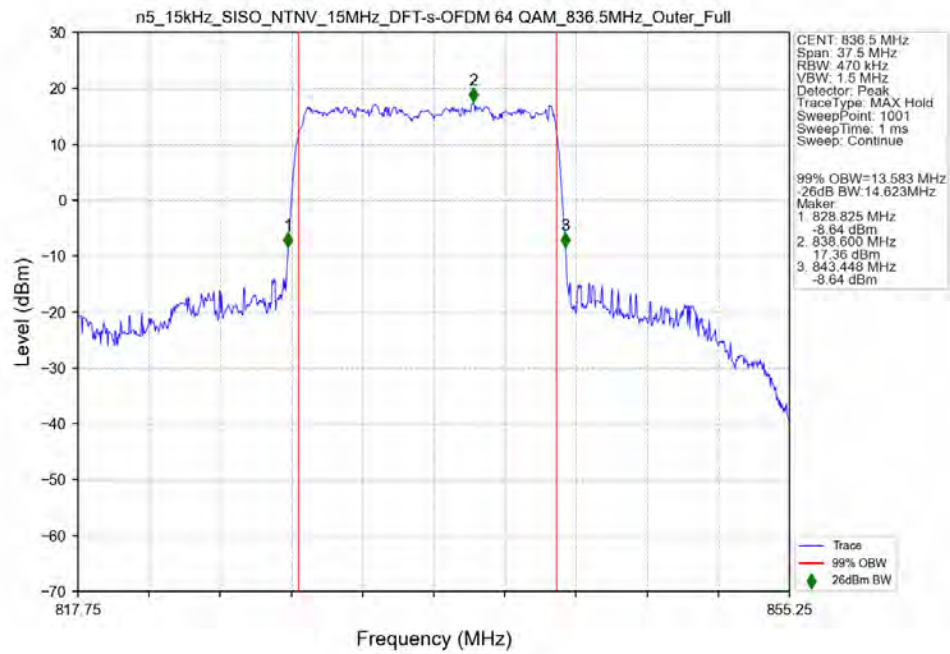
3.2.3 15k_SISO_15MHz_NTNV



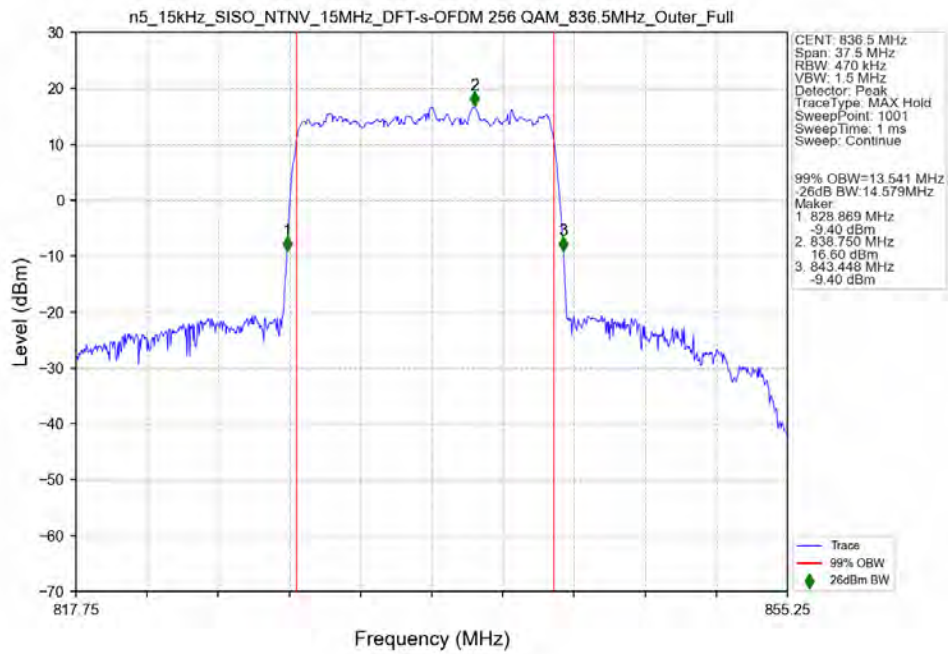
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_16_QAM_836.5MHz_Outer_Full_Ant31



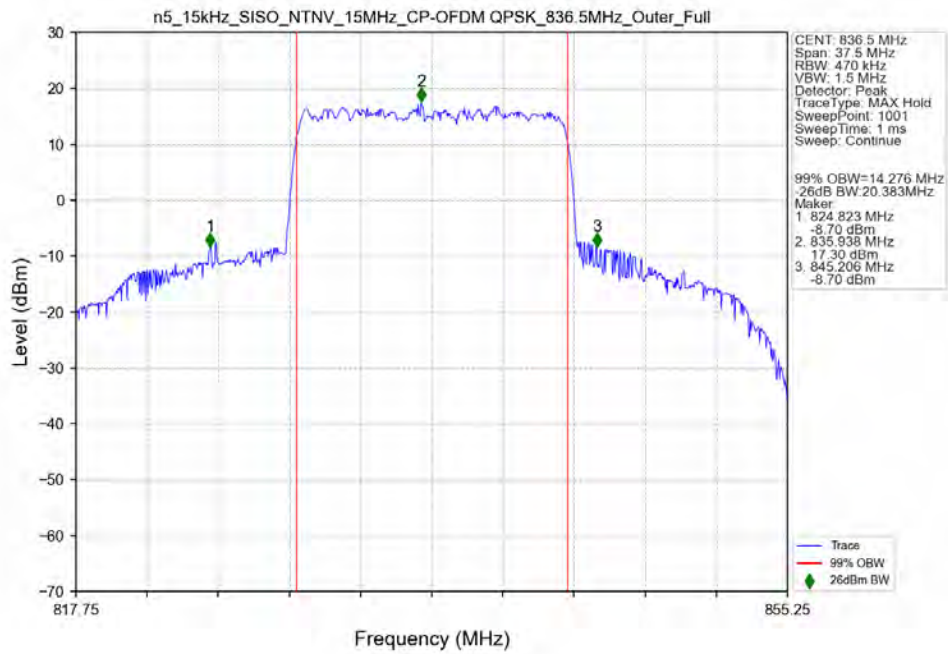
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_64_QAM_836.5MHz_Outer_Full_Ant31



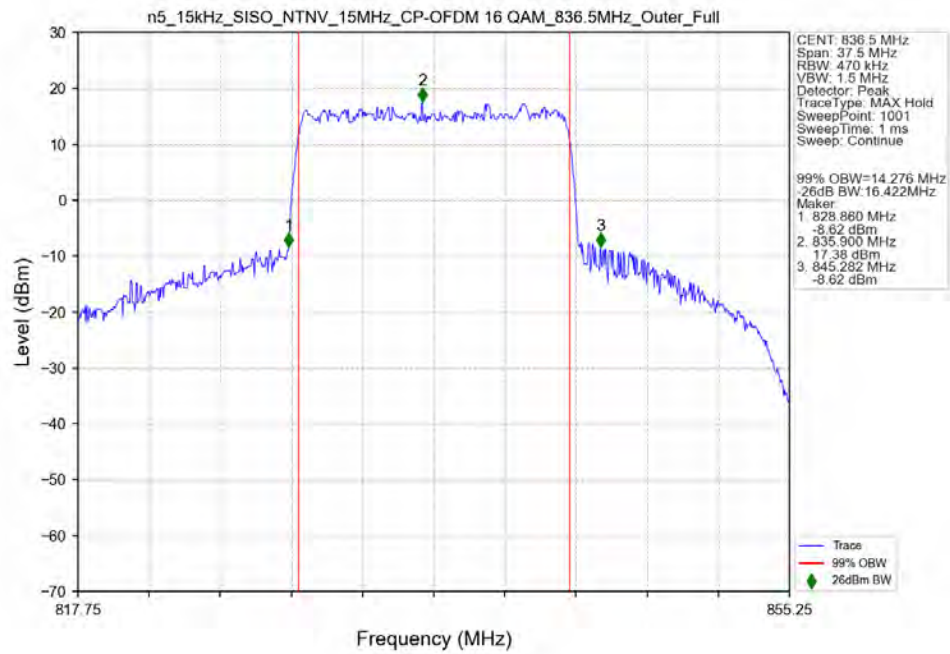
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_256_QAM_836.5MHz_Outer_Full_Ant31



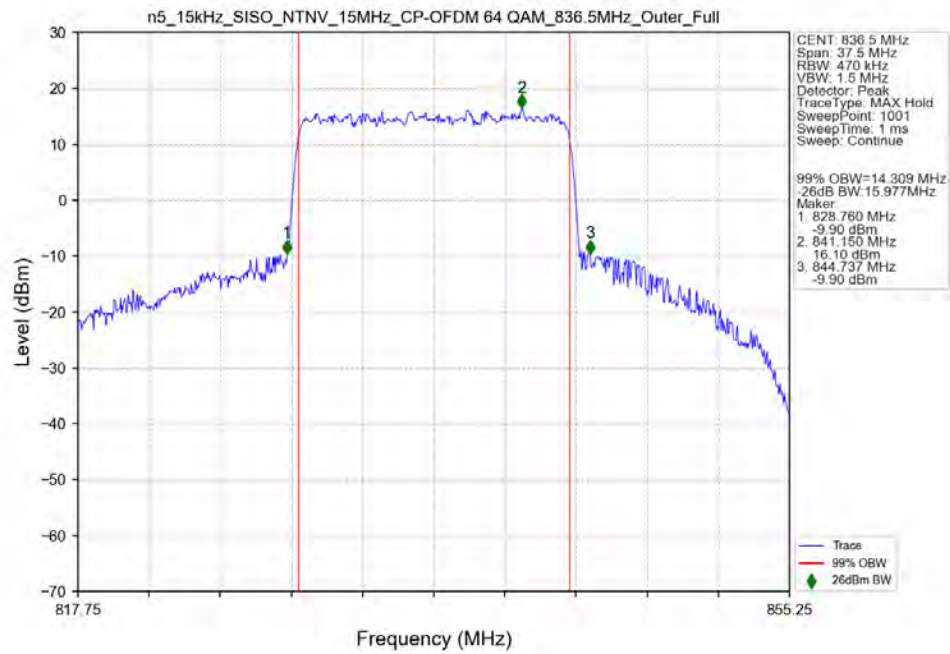
n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_836.5MHz_Outer_Full_Ant31



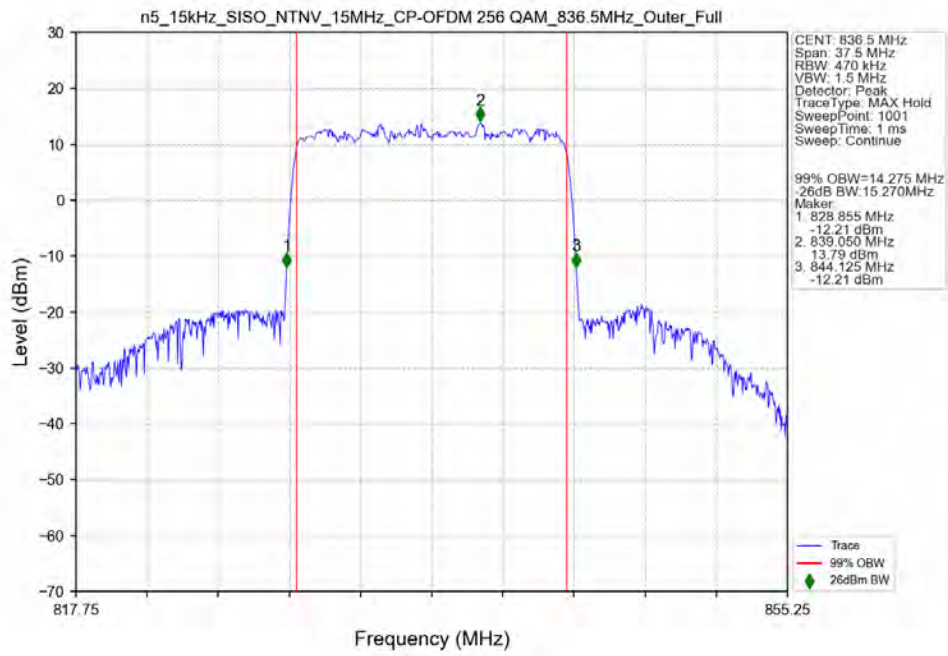
n5_15kHz_SISO_NTNV_15MHz_CP-OFDM 16 QAM 836.5MHz_Outer_Full_Ant31



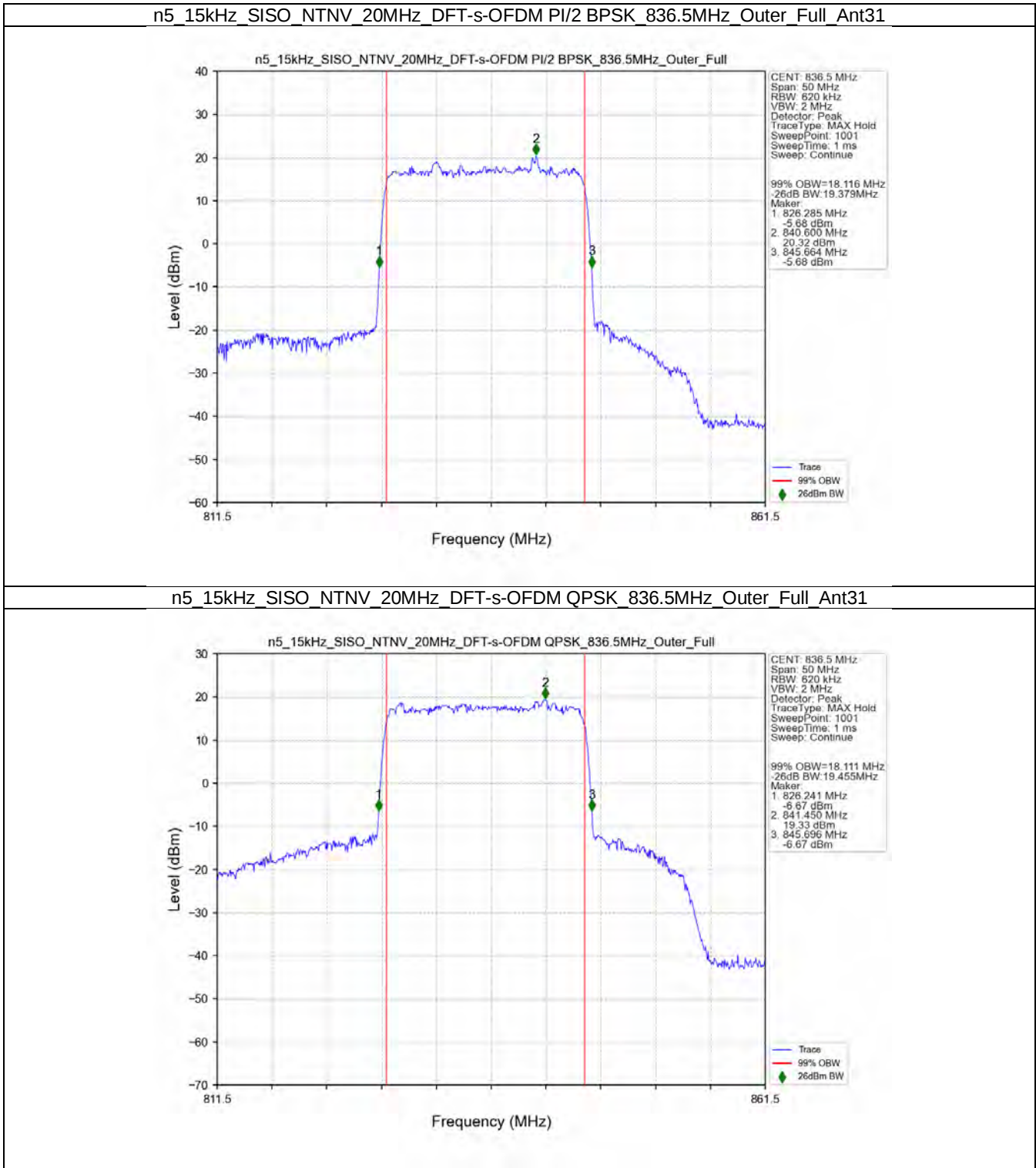
n5_15kHz_SISO_NTNV_15MHz_CP-OFDM 64 QAM 836.5MHz_Outer_Full_Ant31



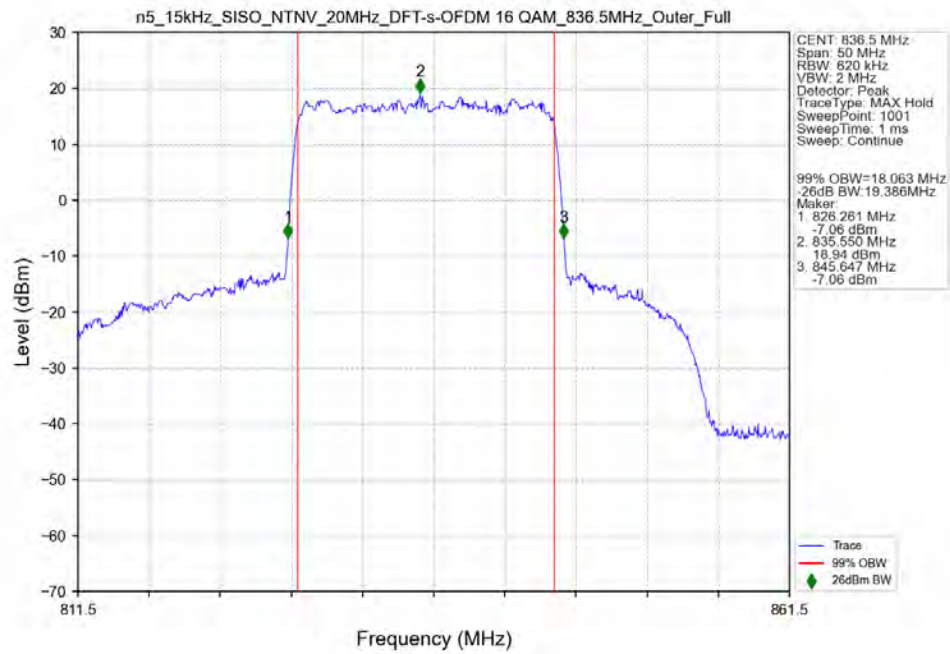
n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_256_QAM_836.5MHz_Outer_Full_Ant31



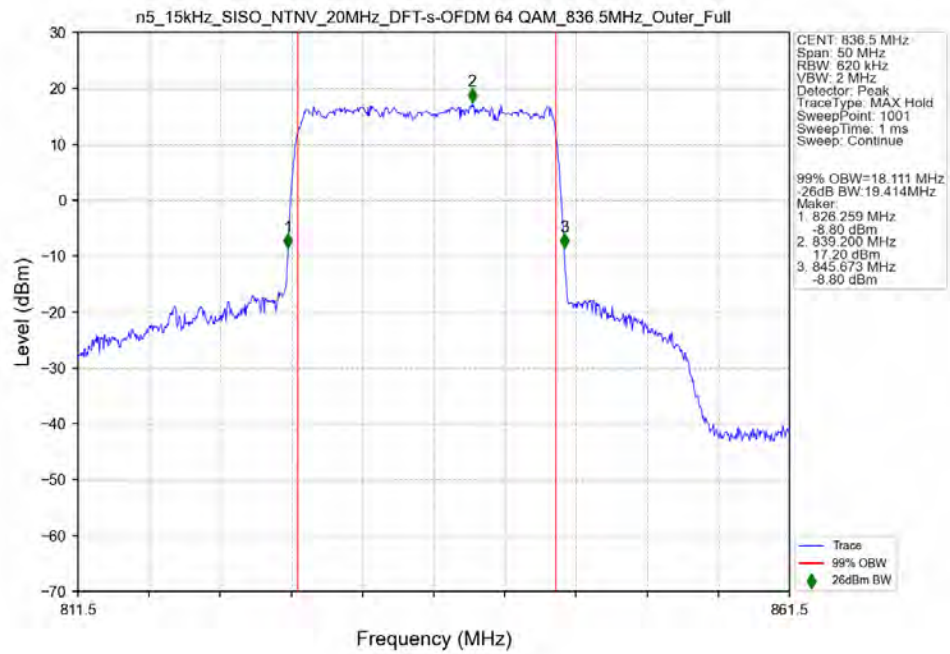
3.2.4 15k_SISO_20MHz_NTNV



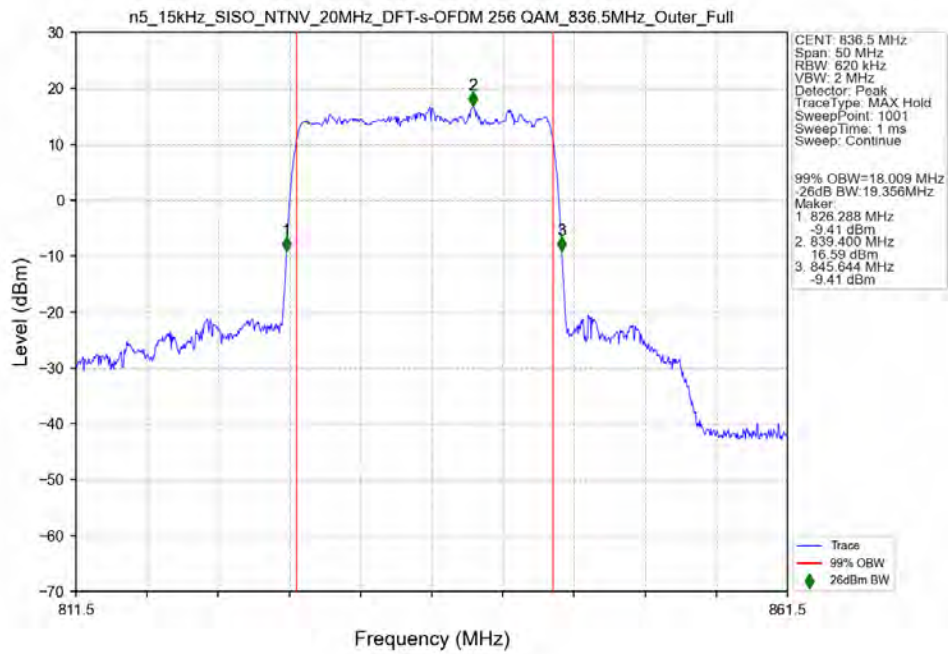
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_16_QAM_836.5MHz_Outer_Full_Ant31



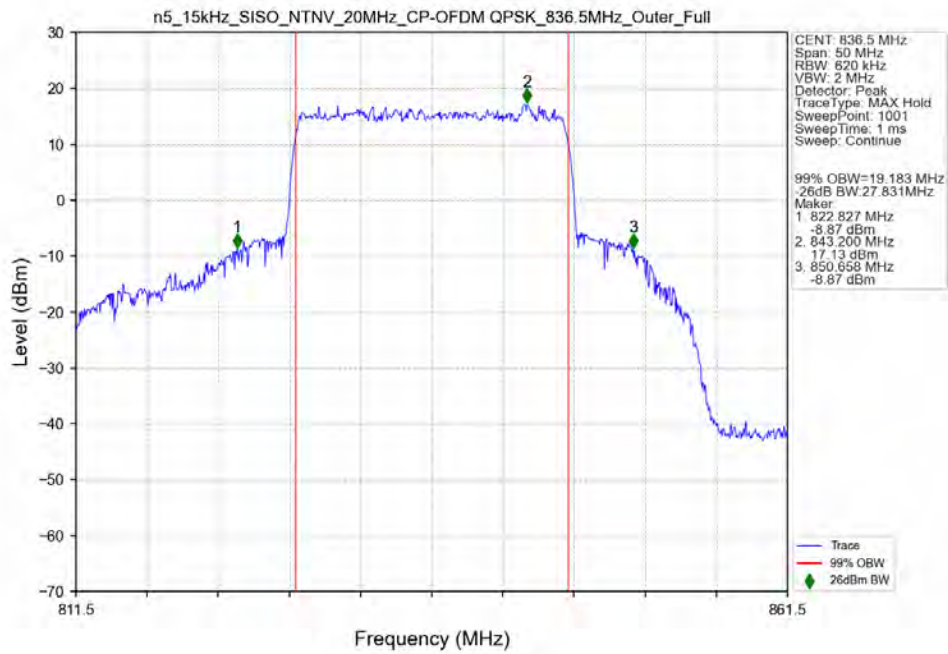
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_64_QAM_836.5MHz_Outer_Full_Ant31



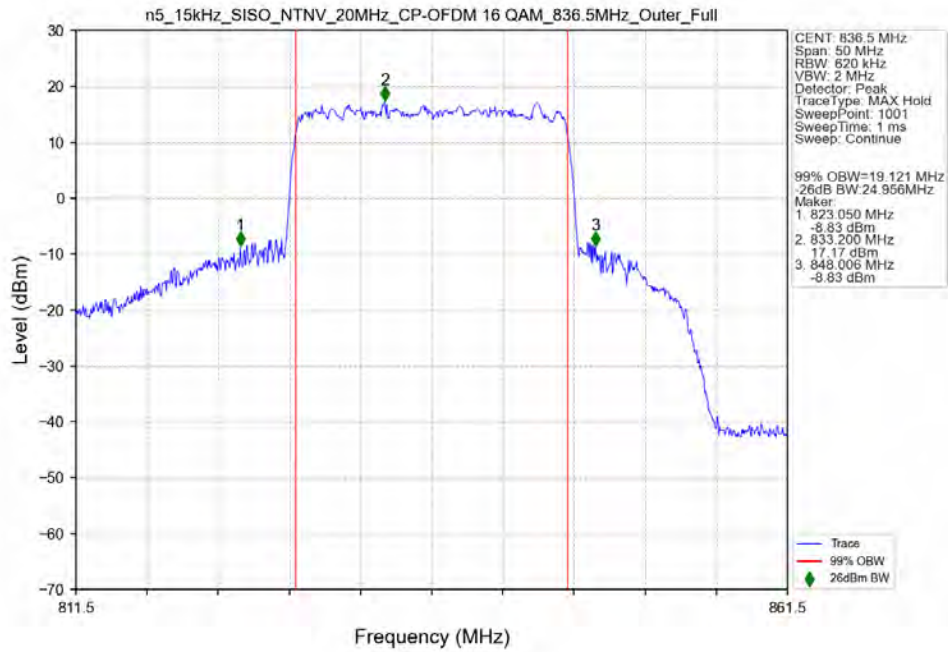
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_256_QAM_836.5MHz_Outer_Full_Ant31



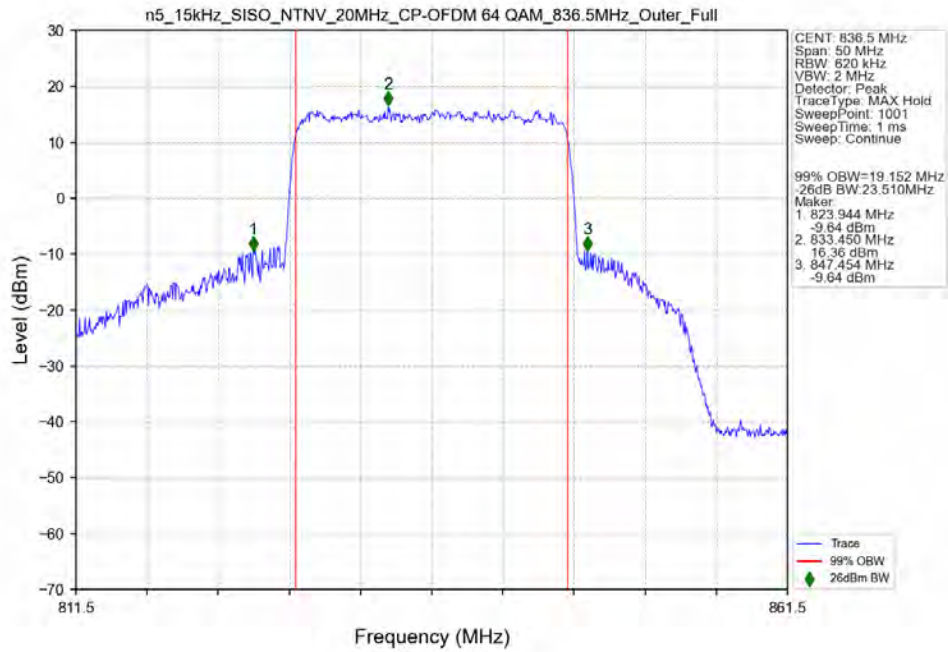
n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_836.5MHz_Outer_Full_Ant31



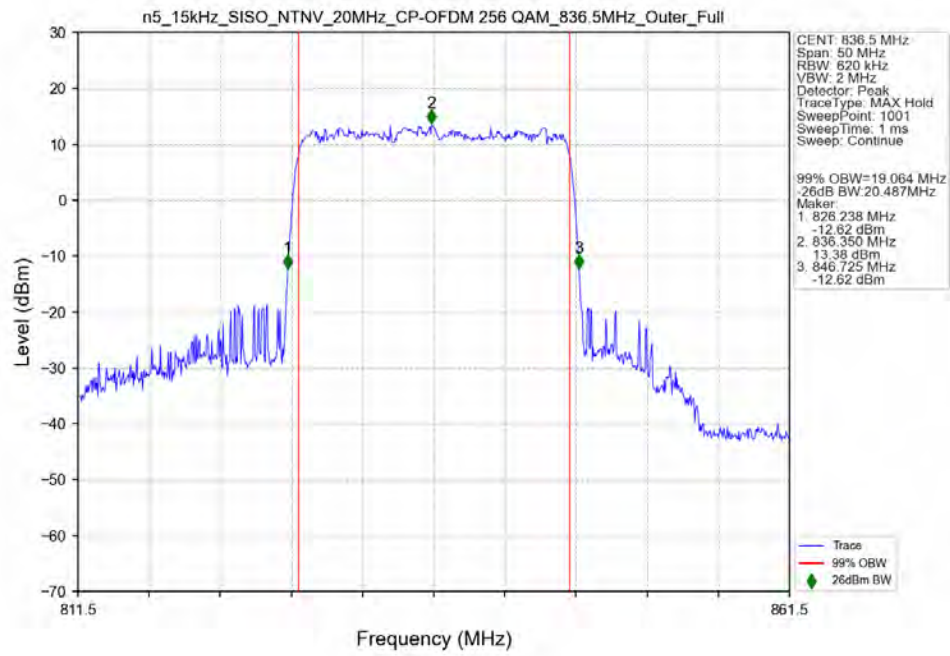
n5_15kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM 836.5MHz_Outer_Full_Ant31



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

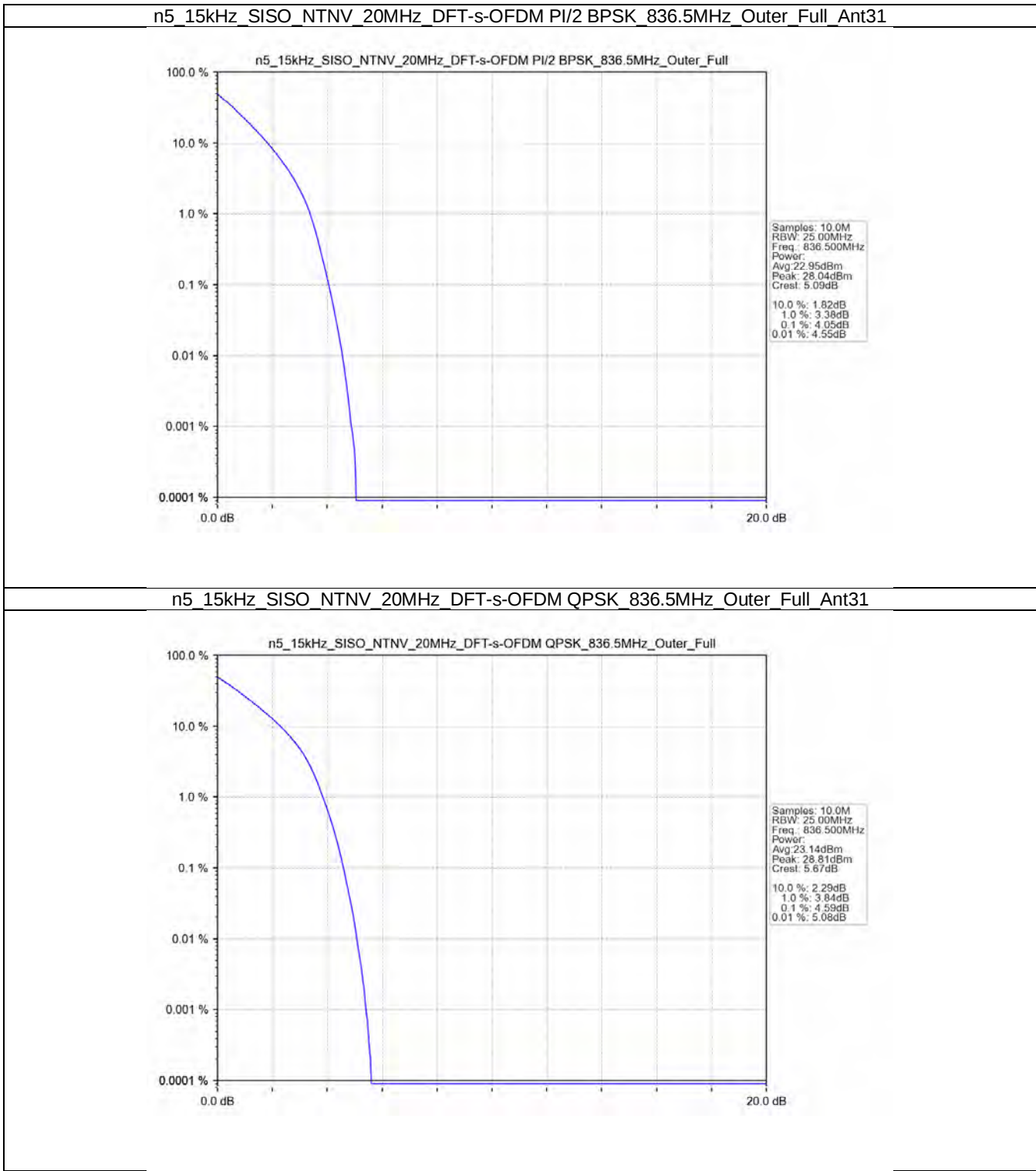
4.1 Test Result

4.1.1 15k_SISO_20MHz_NTNV

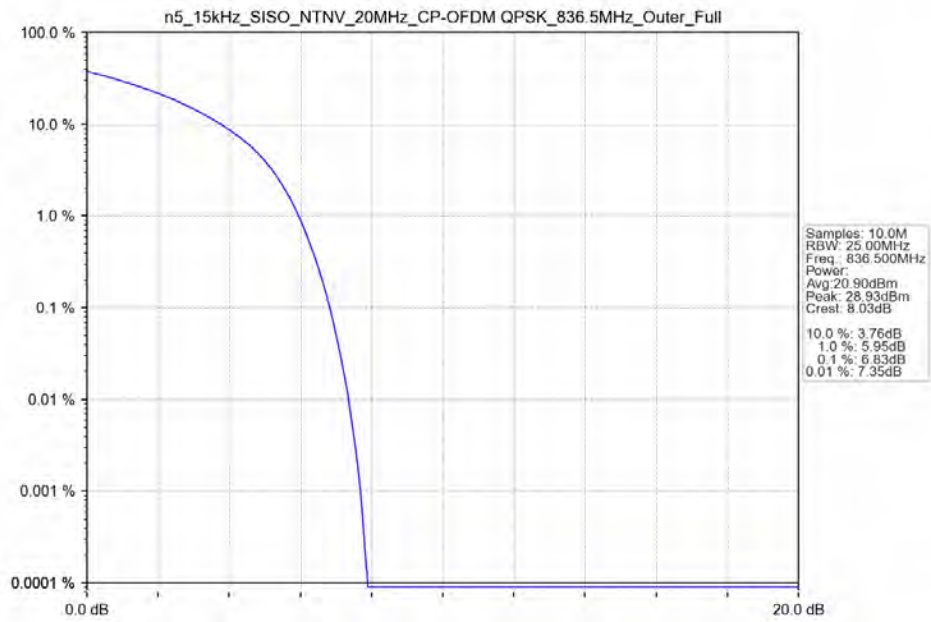
5G NR n5 SCS=15kHz SISO 20MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant31	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	836.5	Outer_Full	4.05	/	/	<=13	Pass
DFT-s-OFDM QPSK	836.5	Outer_Full	4.59	/	/	<=13	Pass
CP-OFDM QPSK	836.5	Outer_Full	6.83	/	/	<=13	Pass

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

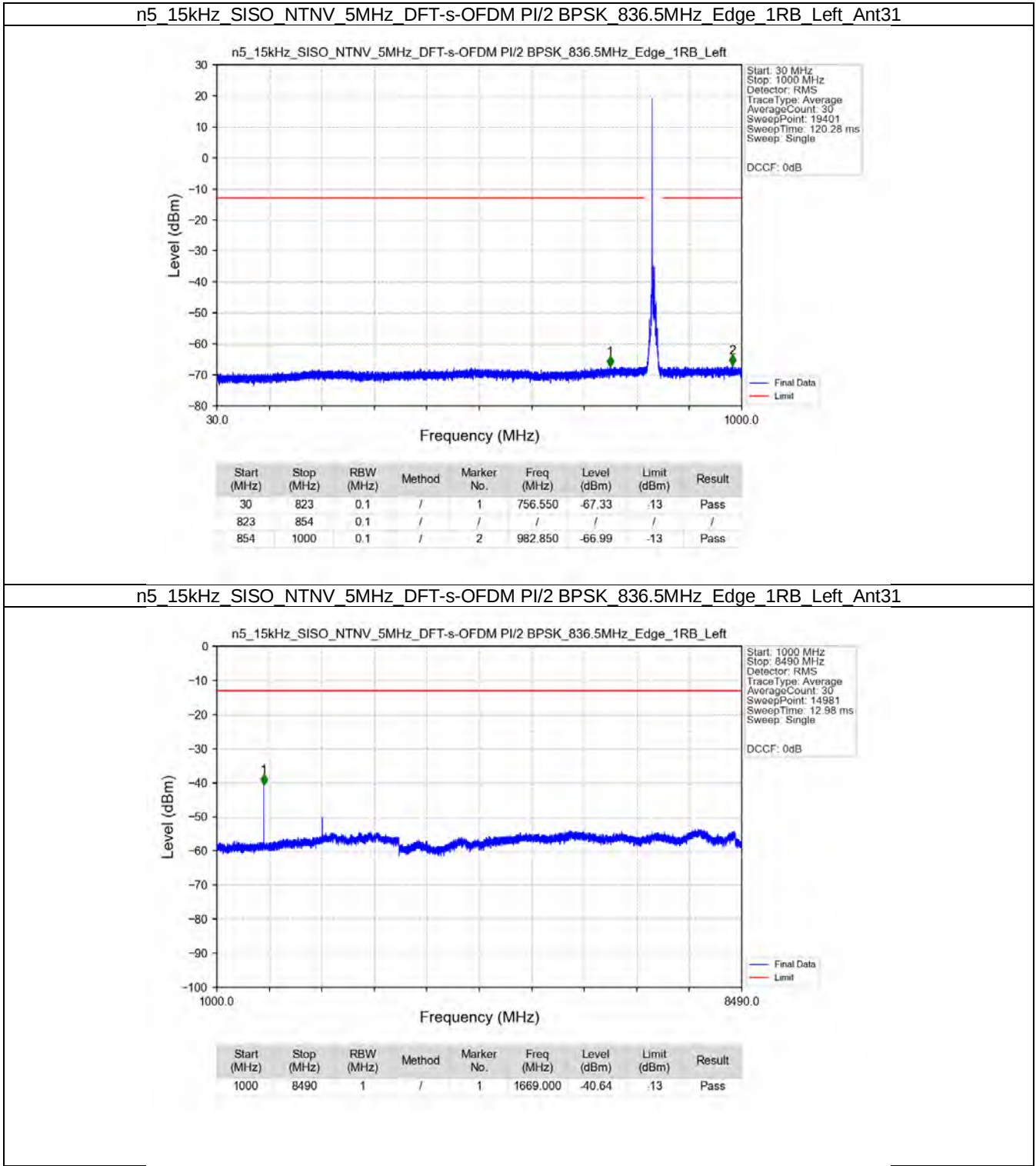
5.1.3 15k_SISO_20MHz_NTNV

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

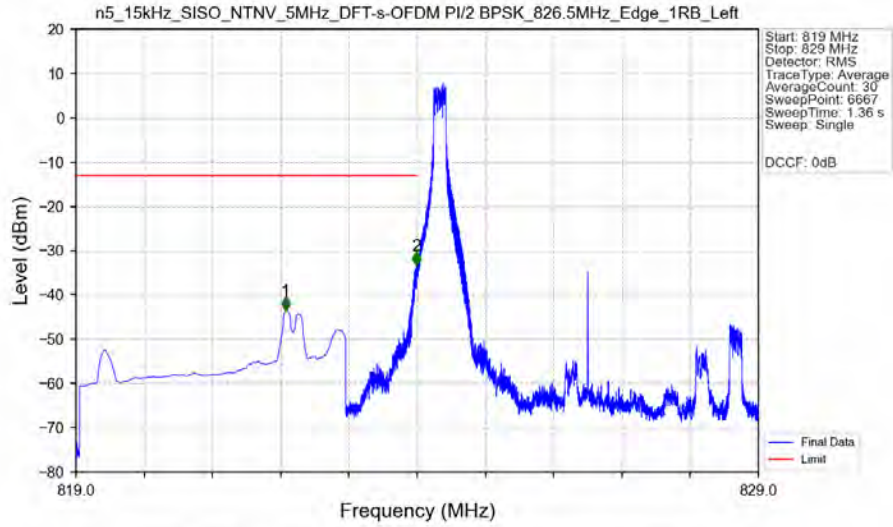
	834	Edge_1RB_Left	Refer To Test Graph	Pass
		Outer_Full	Refer To Test Graph	Pass
	839	Edge_1RB_Right	Refer To Test Graph	Pass
		Outer_Full	Refer To Test Graph	Pass
DFT-s-OFDM QPSK	836.5	Edge_1RB_Left	Refer To Test Graph	Pass
	834	Edge_1RB_Left	Refer To Test Graph	Pass
		Outer_Full	Refer To Test Graph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

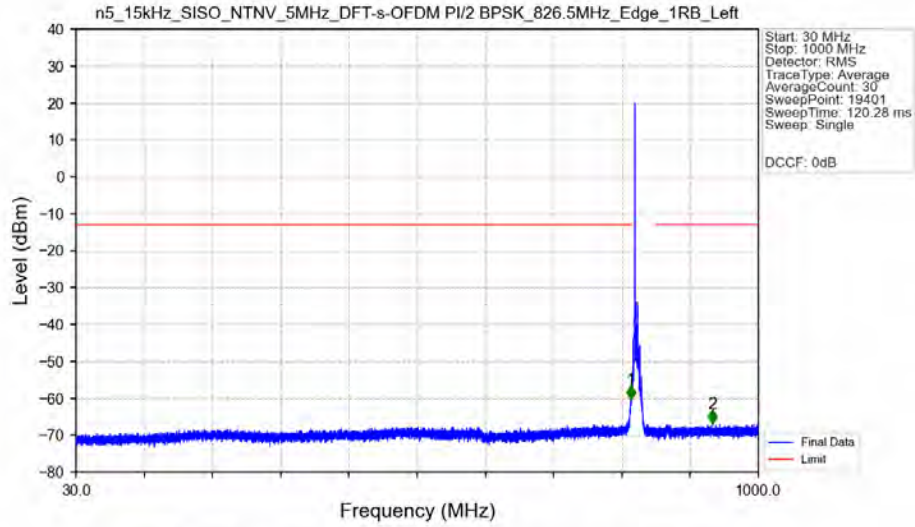


n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_826.5MHz_Edge_1RB_Left_Ant31



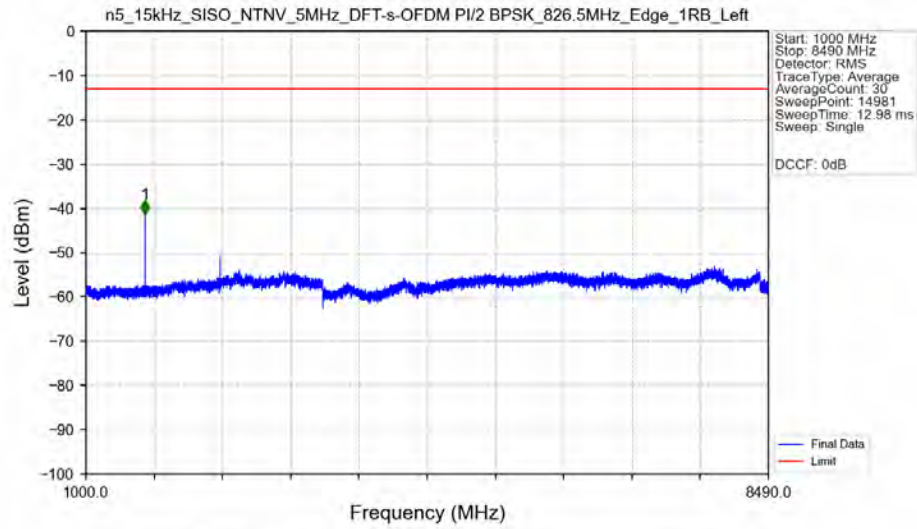
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.074	-43.53	-13	Pass
823	824	0.003	/	2	823.992	-33.28	-13	Pass
824	829	0.003	/	/	/	/	/	/

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_826.5MHz_Edge_1RB_Left_Ant31

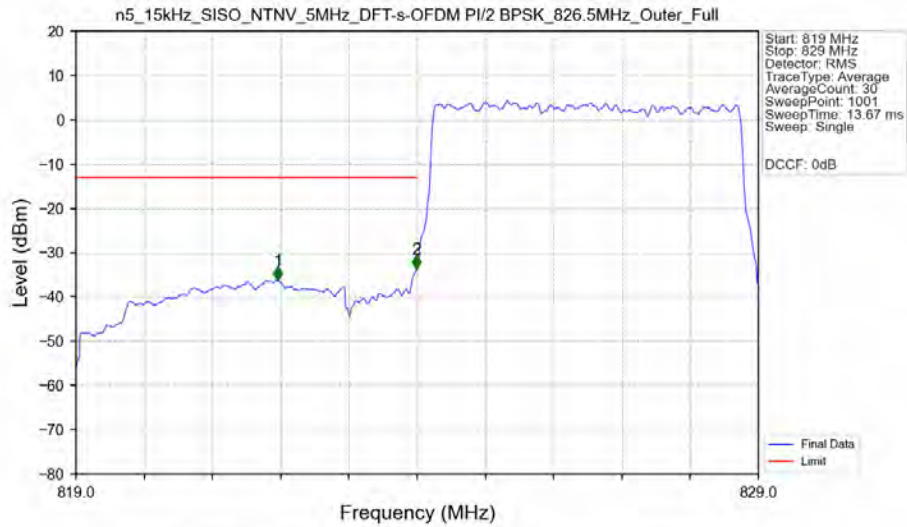


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.800	-60.25	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	935.150	-66.81	-13	Pass

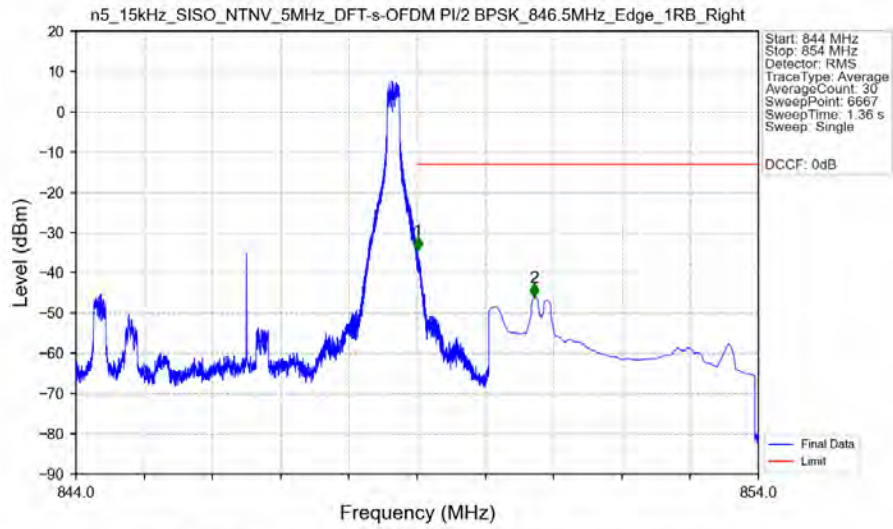
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_826.5MHz_Edge_1RB_Left_Ant31



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

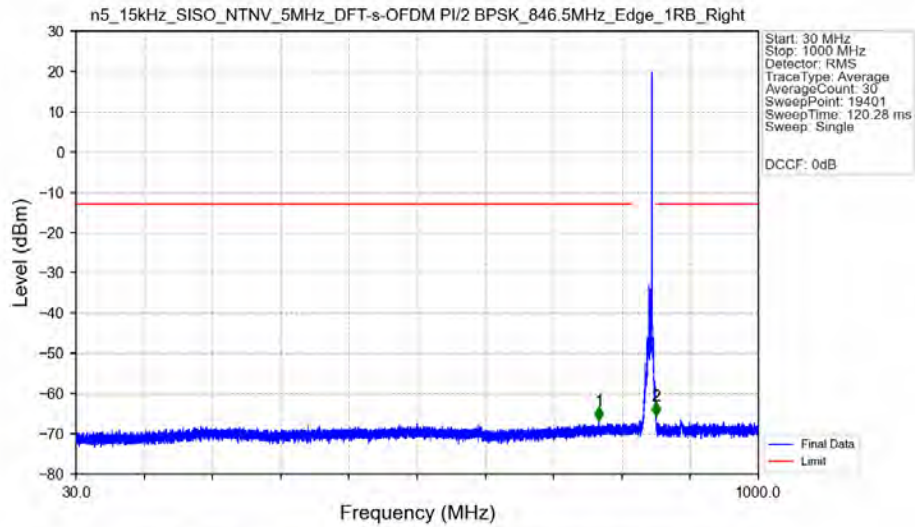


n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_846.5MHz_Edge_1RB_Right_Ant31



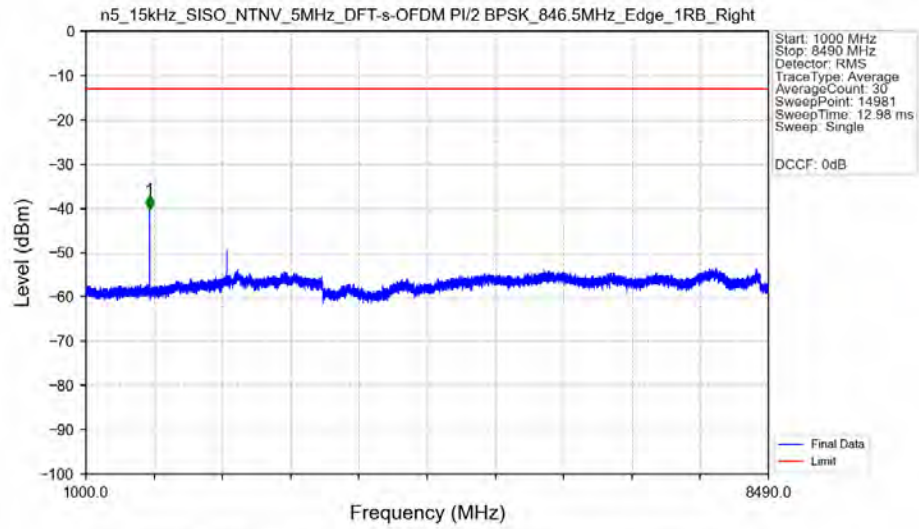
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.008	-34.35	-13	Pass
850	854	0.1	CHP	2	850.718	-46.13	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_846.5MHz_Edge_1RB_Right_Ant31



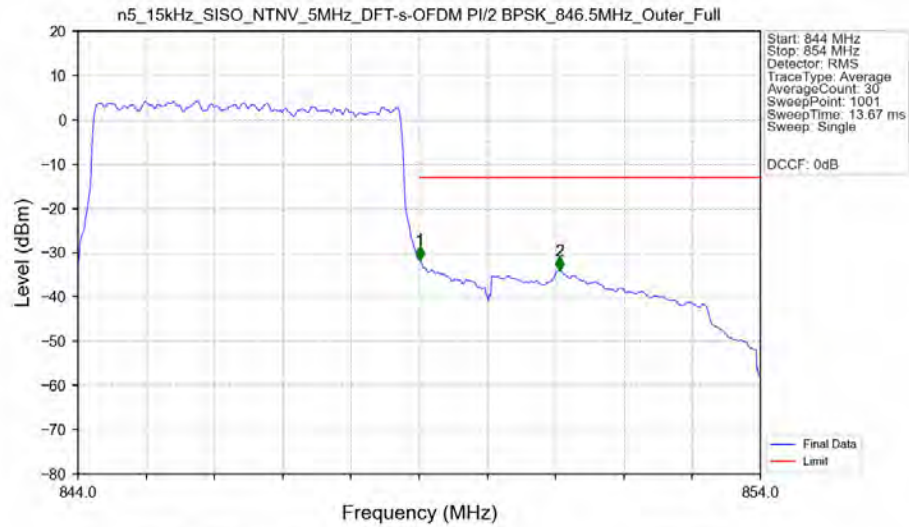
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	773.200	-66.78	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	854.250	-65.58	-13	Pass

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



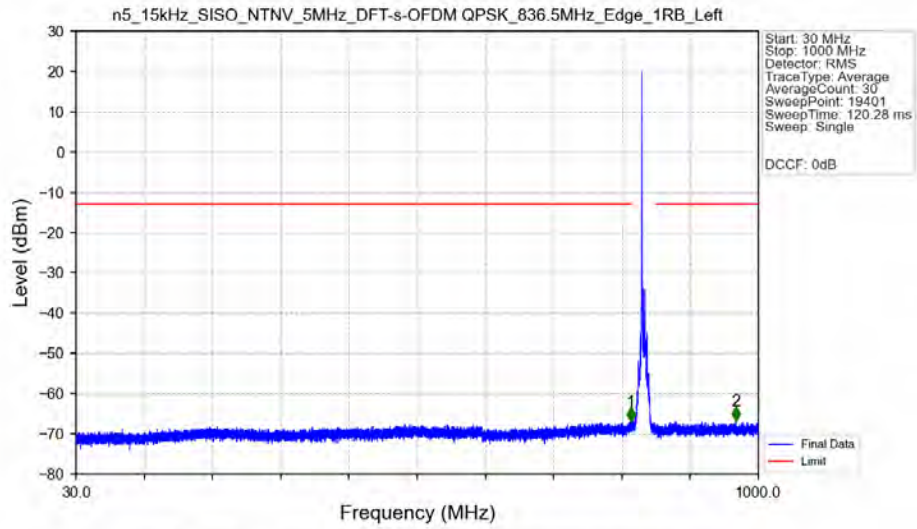
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1697.500	-40.26	-13	Pass

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



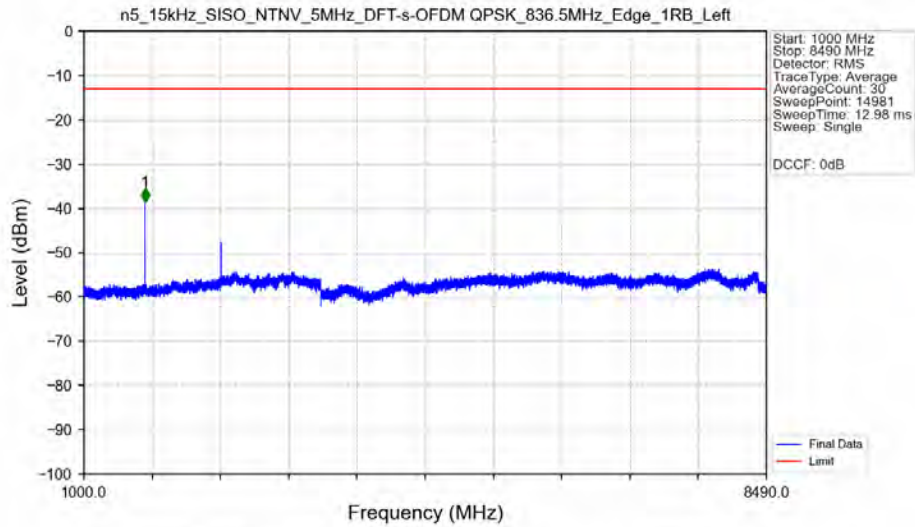
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.0503	CHP	/	/	/	/	/
849	850	0.0503	CHP	1	849.010	-31.69	-13	Pass
850	854	0.1	CHP	2	851.060	-34.05	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant31



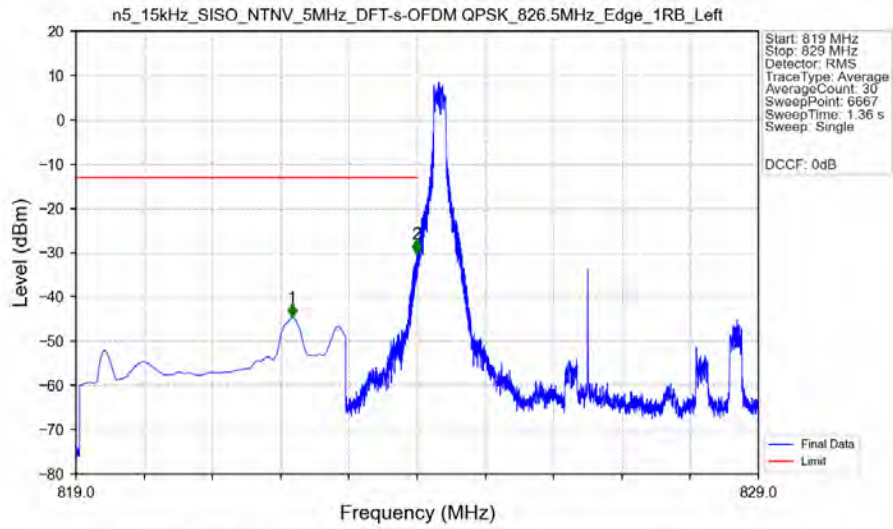
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.900	-66.89	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	968.100	-66.81	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant31



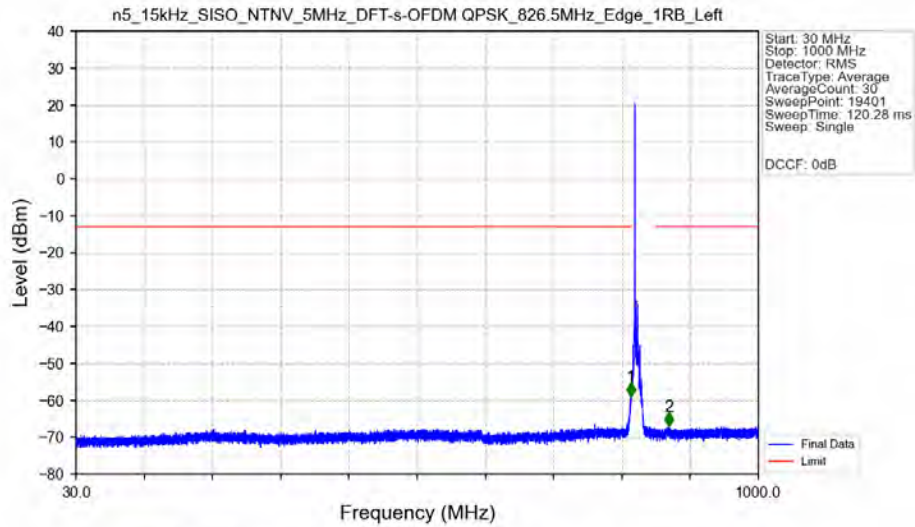
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1669.000	-38.52	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_826.5MHz_Edge_1RB_Left_Ant31



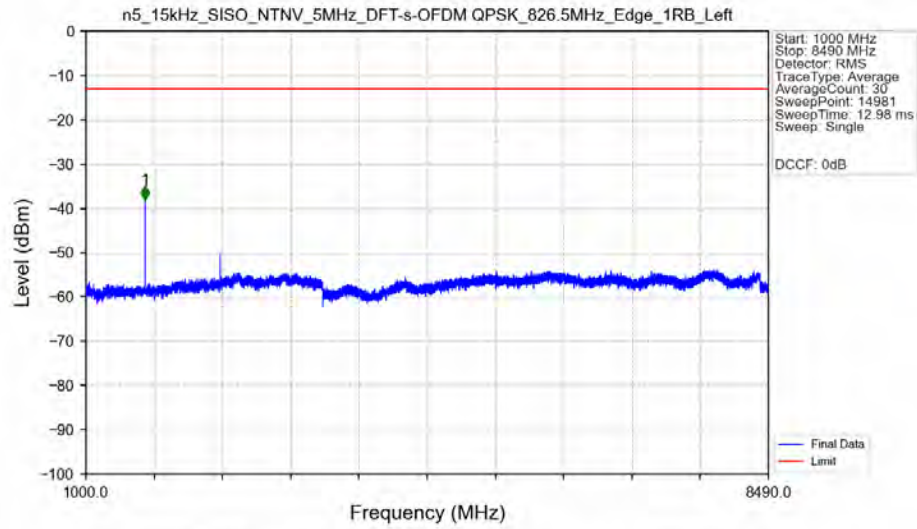
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.167	-44.64	-13	Pass
823	824	0.003	/	2	823.994	-30.26	-13	Pass
824	829	0.003	/	/	/	/	/	/

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_826.5MHz_Edge_1RB_Left_Ant31

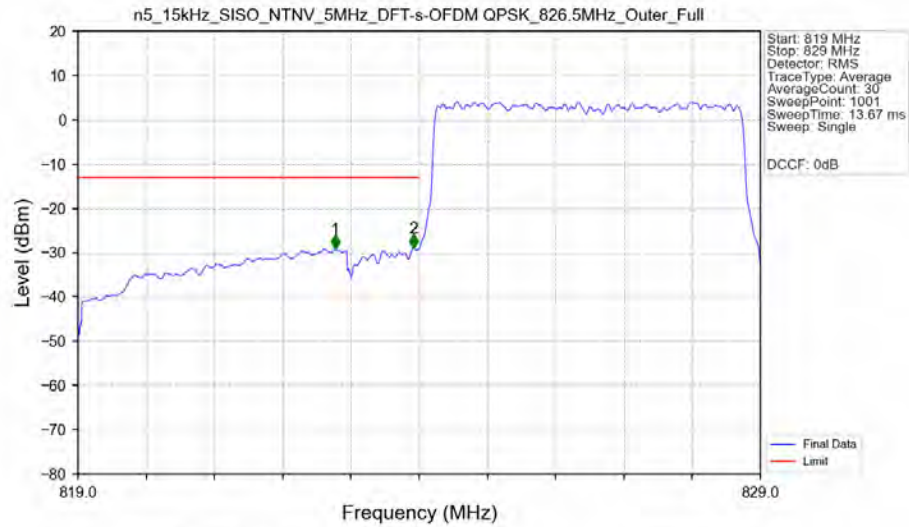


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.700	-59.01	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	872.600	-66.96	-13	Pass

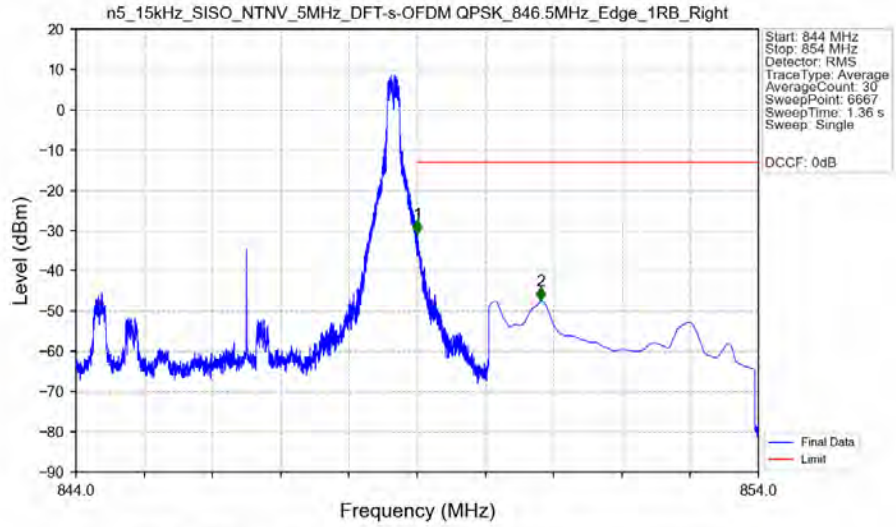
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_826.5MHz_Edge_1RB_Left_Ant31



n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_826.5MHz_Outer_Full_Ant31

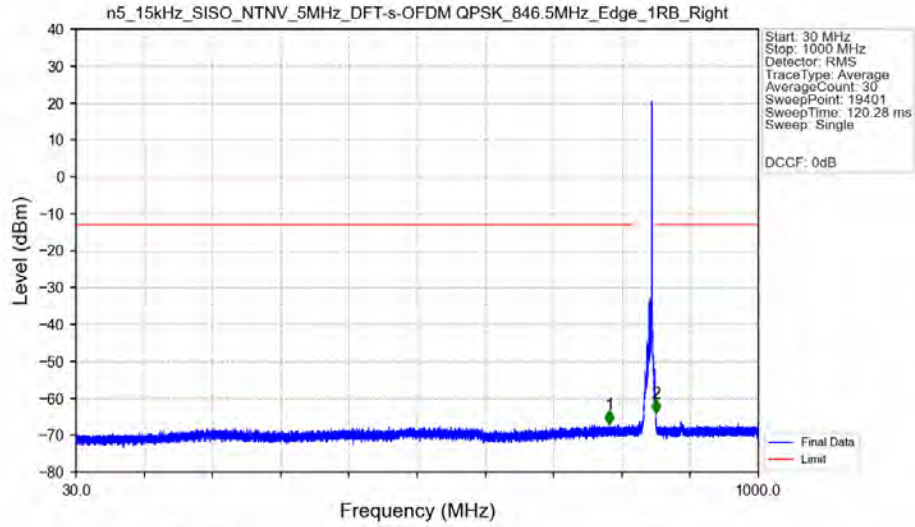


n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_846.5MHz_Edge_1RB_Right_Ant31



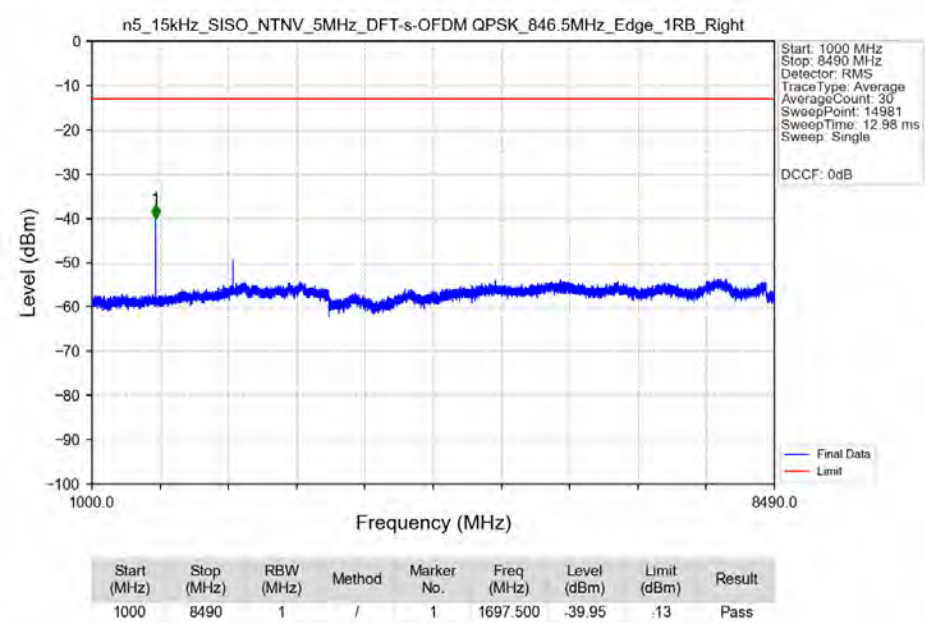
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.003	-30.89	-13	Pass
850	854	0.1	CHP	2	850.811	-47.48	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_846.5MHz_Edge_1RB_Right_Ant31

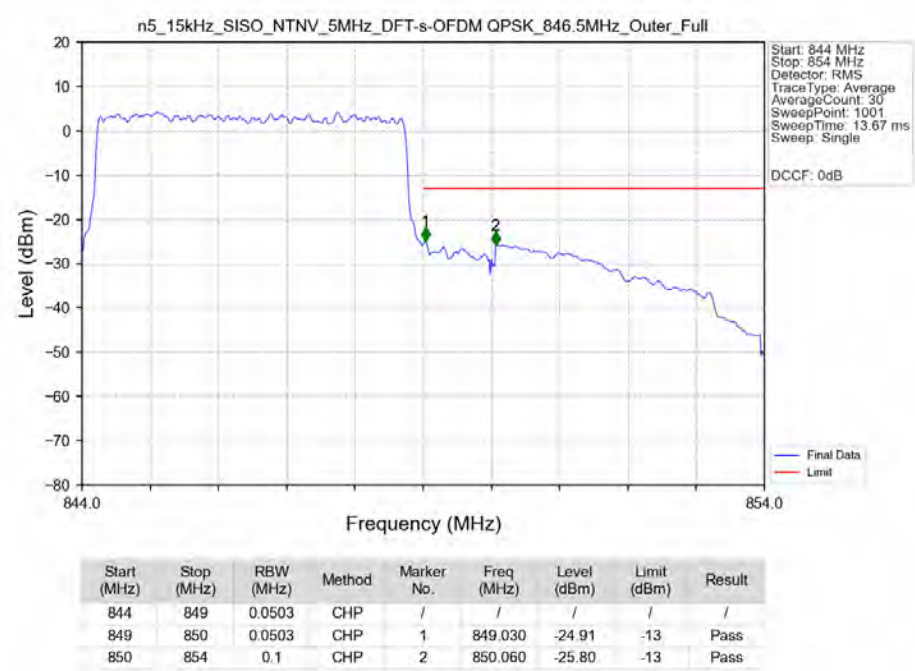


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	788.300	-67.11	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	854.100	-63.96	-13	Pass

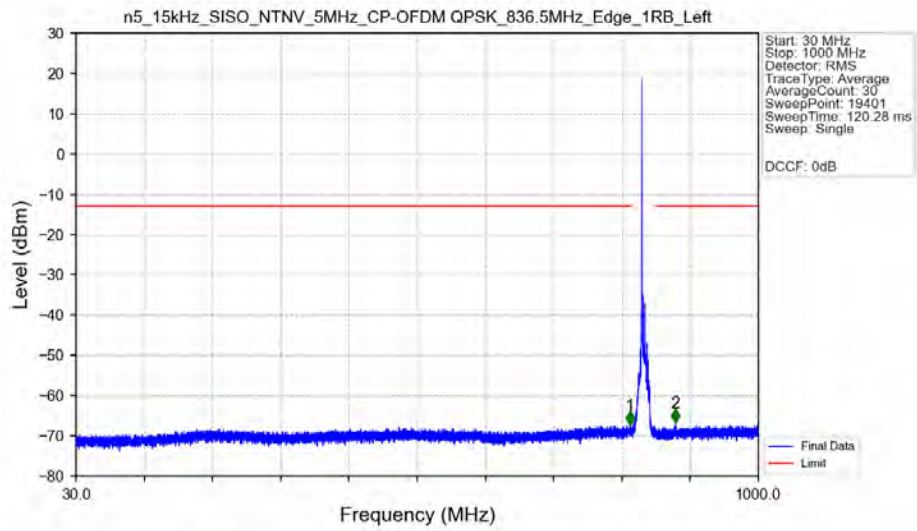
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_846.5MHz_Edge_1RB_Right_Ant31



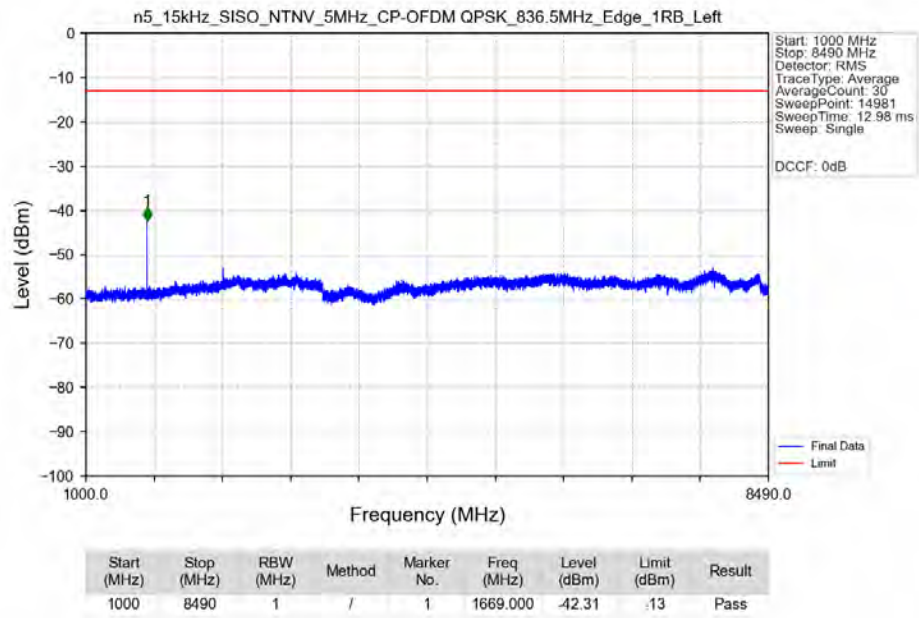
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_846.5MHz_Outer_Full_Ant31



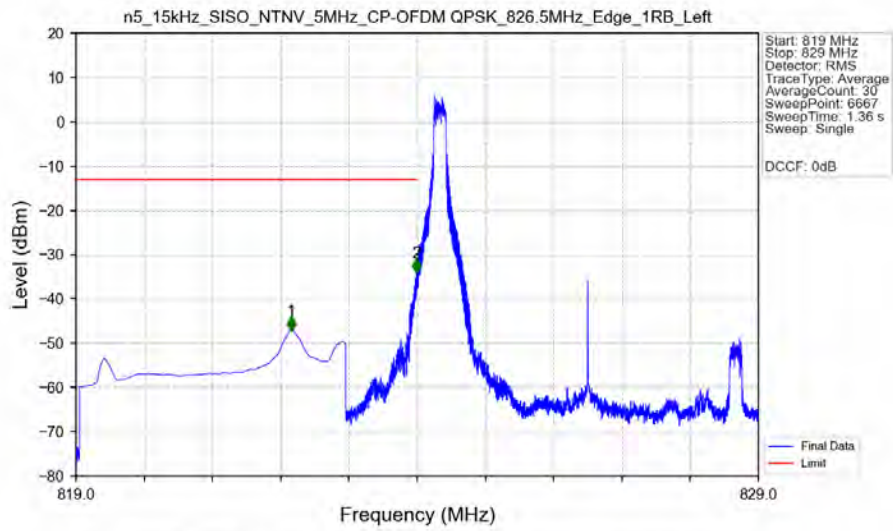
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant31



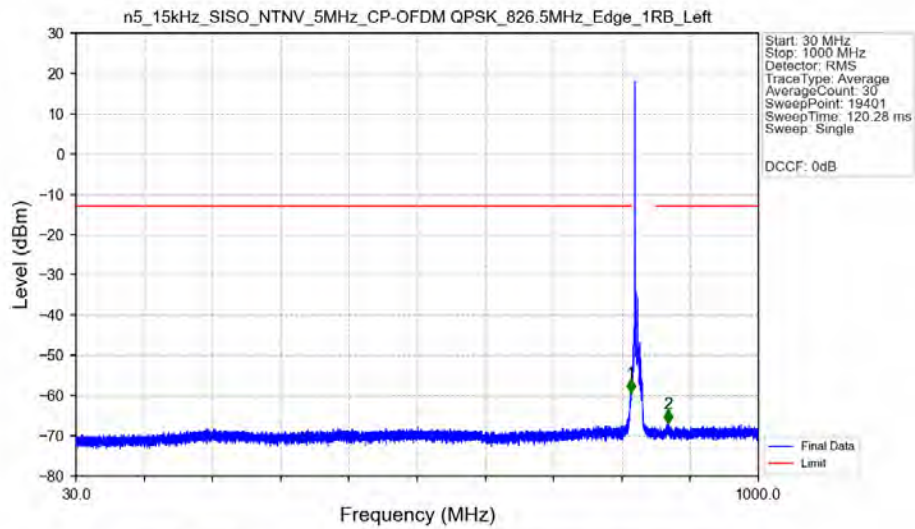
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant31



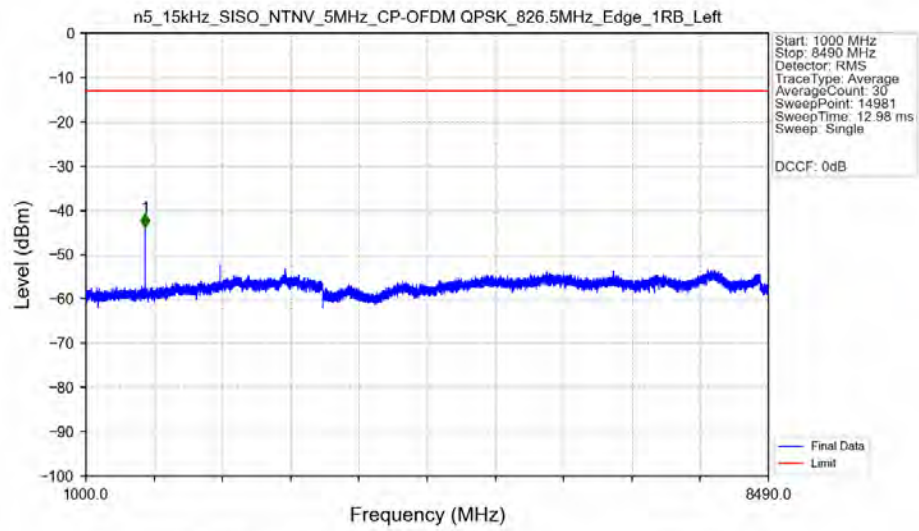
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_826.5MHz_Edge_1RB_Left_Ant31



n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_826.5MHz_Edge_1RB_Left_Ant31

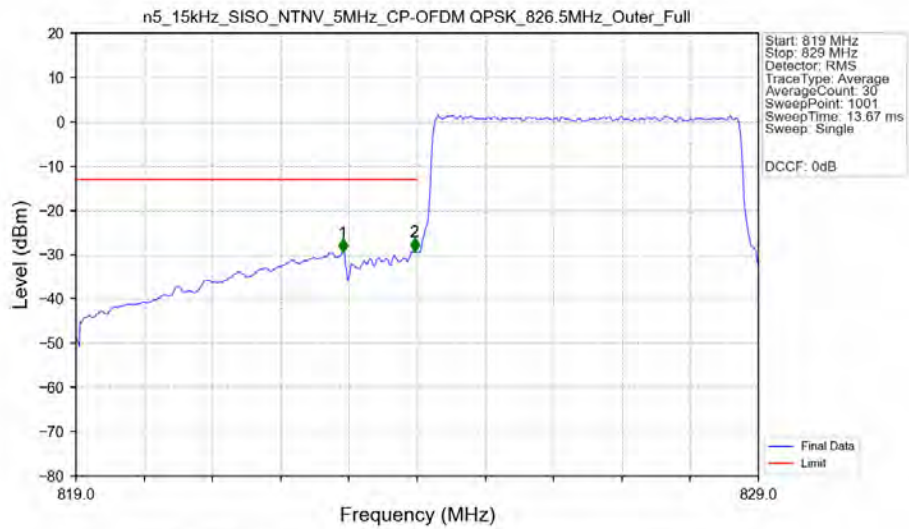


n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_826.5MHz_Edge_1RB_Left_Ant31



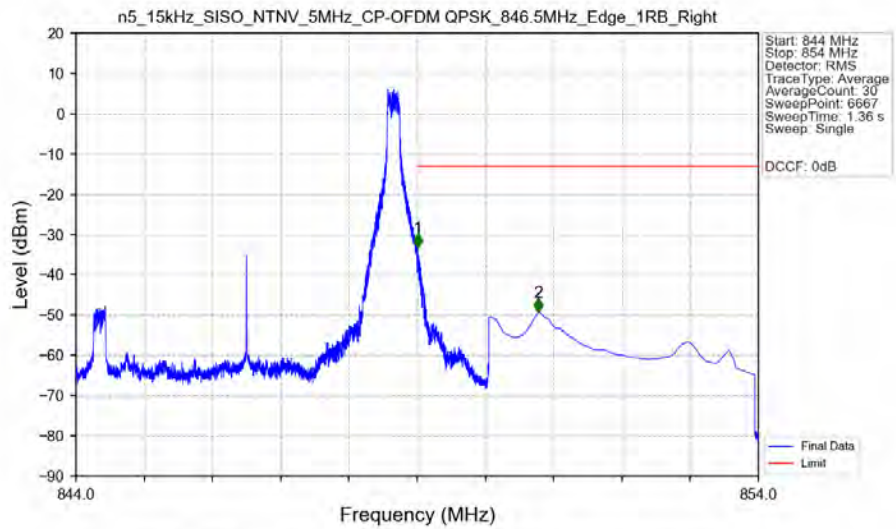
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1649.000	-43.87	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_826.5MHz_Outer_Full_Ant31



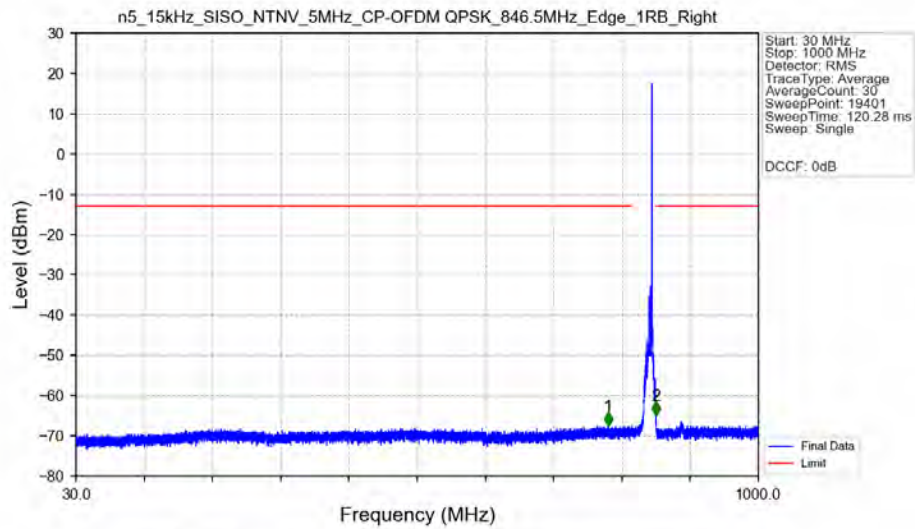
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.910	-29.50	-13	Pass
823	824	0.05024	CHP	2	823.960	-29.24	-13	Pass
824	829	0.05024	CHP	/	/	/	/	/

n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_846.5MHz_Edge_1RB_Right_Ant31



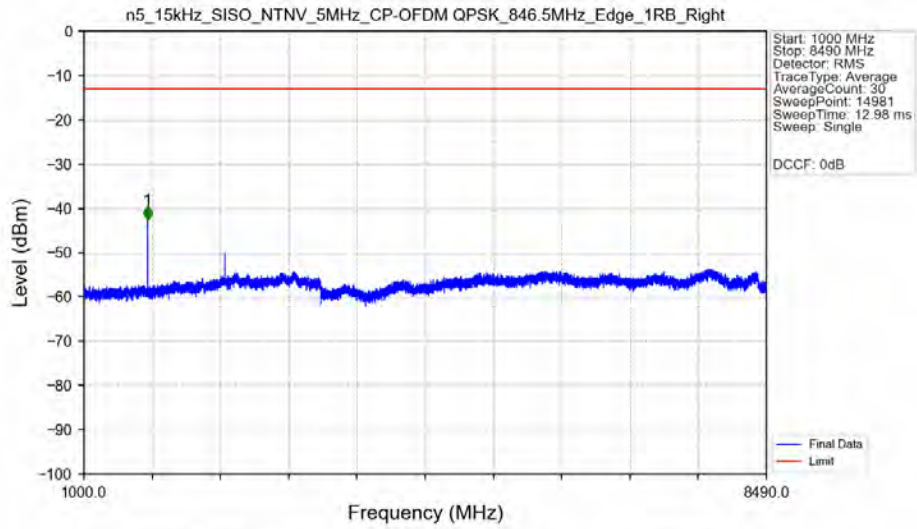
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.008	-33.16	-13	Pass
850	854	0.1	CHP	2	850.776	-49.34	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_846.5MHz_Edge_1RB_Right_Ant31

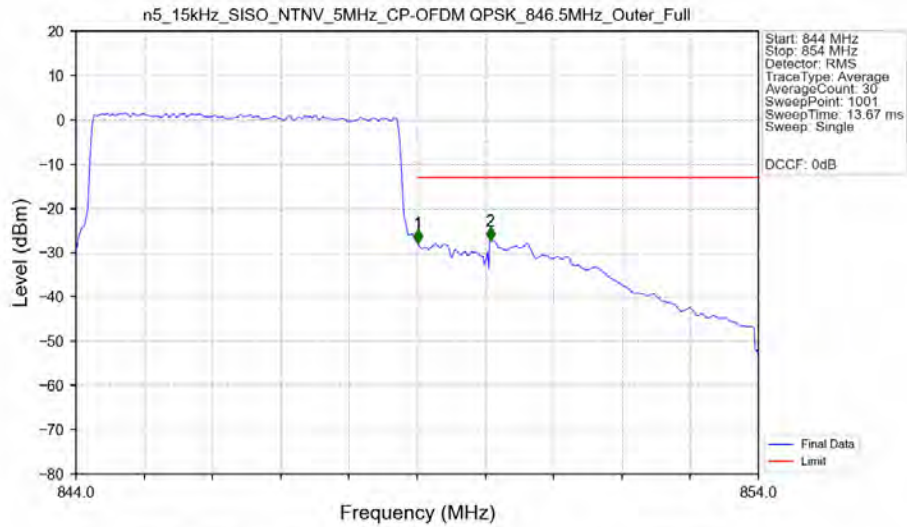


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	786.700	-67.47	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	854.100	-64.98	-13	Pass

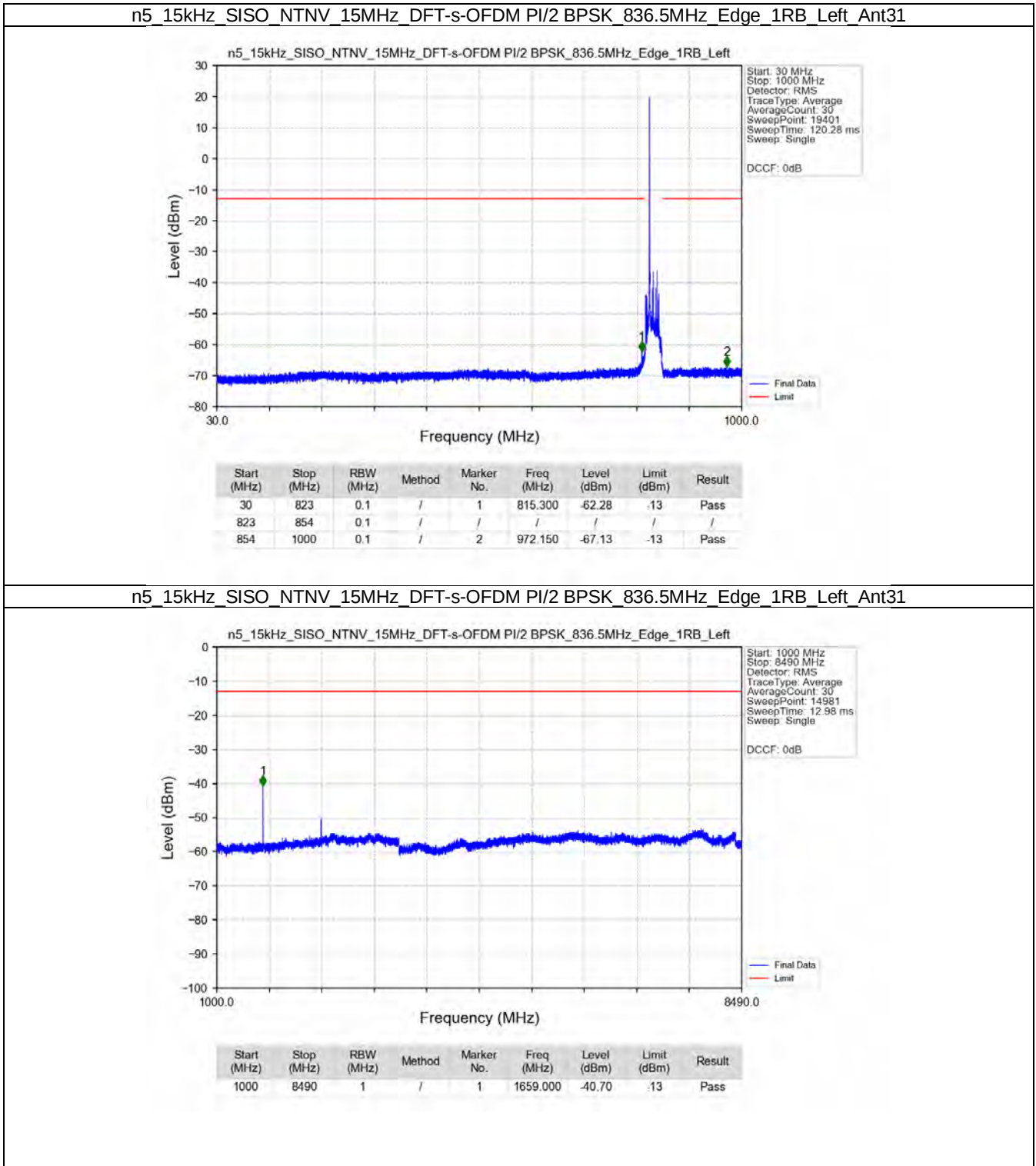
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_846.5MHz_Edge_1RB_Right_Ant31



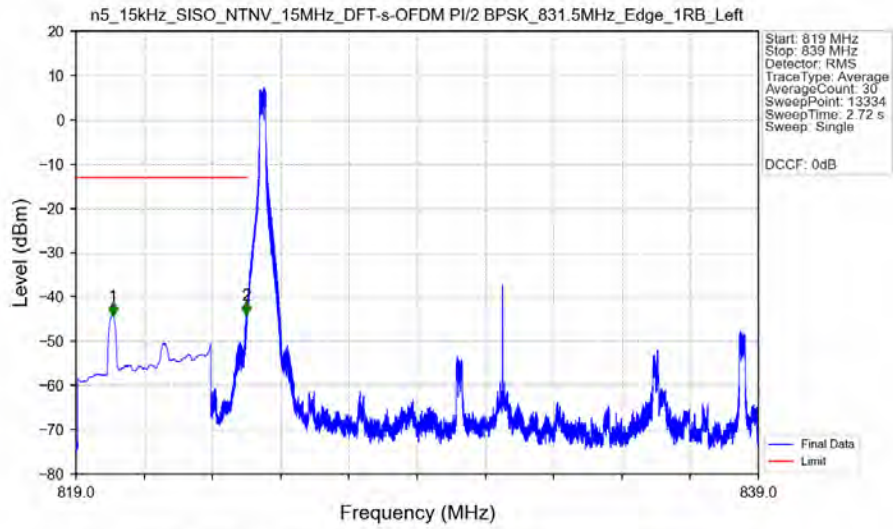
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_846.5MHz_Outer_Full_Ant31



5.2.2 15k_SISO_15MHz_NTNV

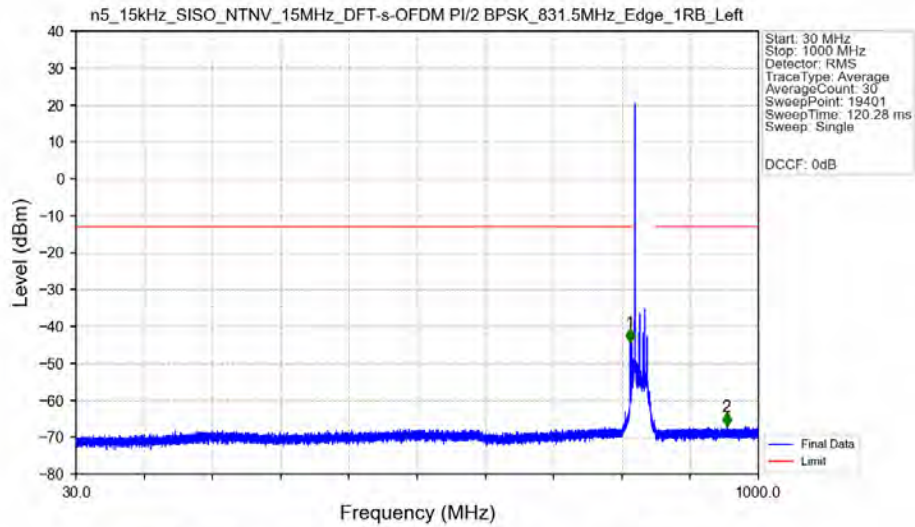


n5 15kHz SISO NTN 15MHz DFT-s-OFDM PI/2 BPSK 831.5MHz Edge 1RB Left Ant31



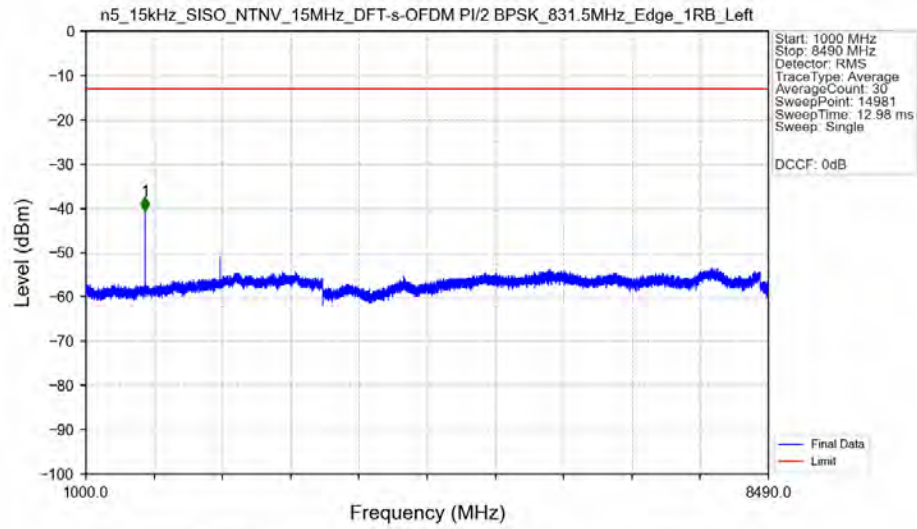
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	820.080	-44.16	-13	Pass
823	824	0.003	/	2	823.992	-44.03	-13	Pass
824	839	0.003	/	/	/	/	/	/

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

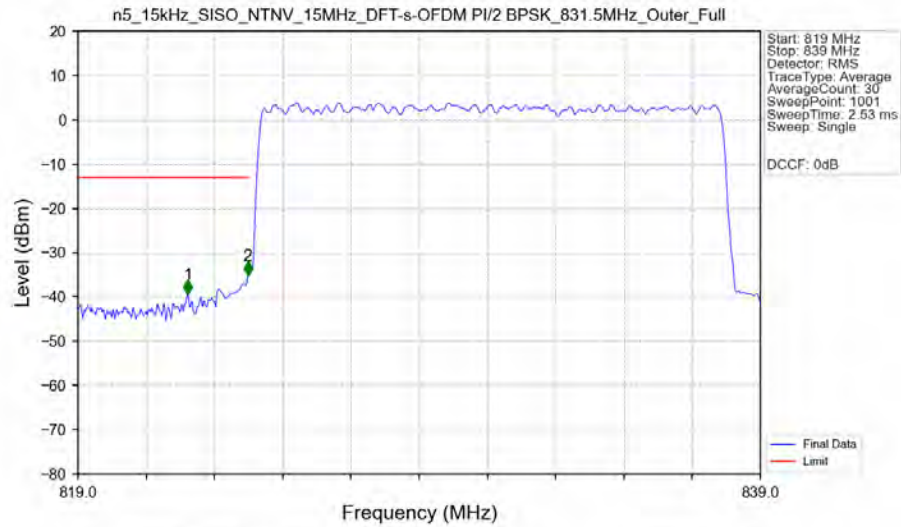


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	817.400	-44.28	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	954.800	-67.00	-13	Pass

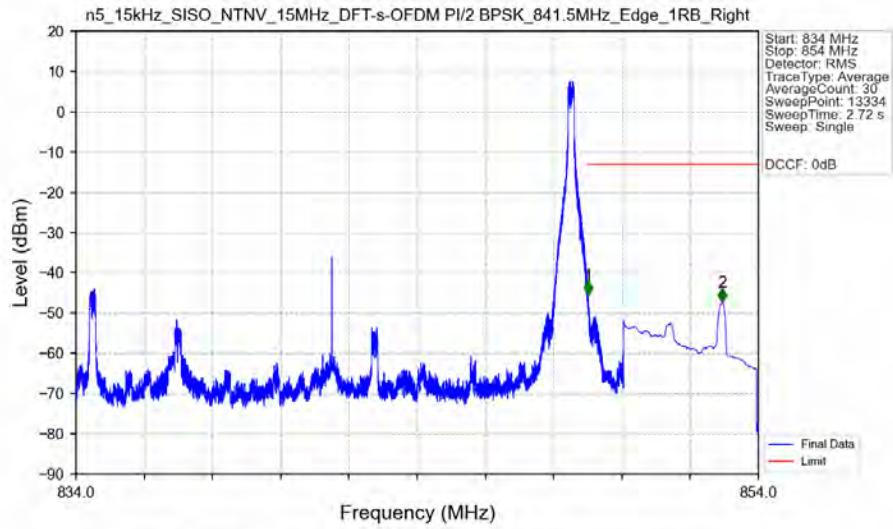
n5 15kHz SISO NTN 15MHz DFT-s-OFDM PI/2 BPSK 831.5MHz Edge 1RB Left Ant31



n5 15kHz SISO NTN 15MHz DFT-s-OFDM PI/2 BPSK 831.5MHz Outer_Full Ant31

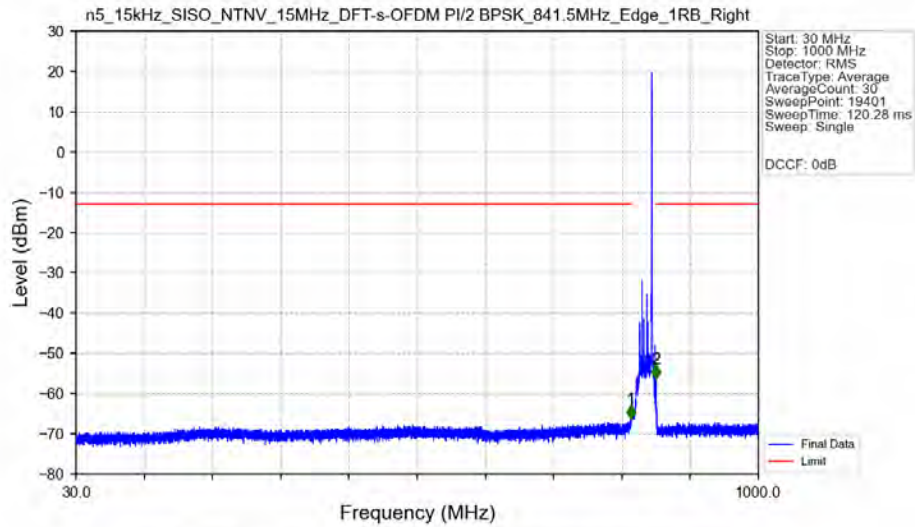


n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_841.5MHz_Edge_1RB_Right_Ant31



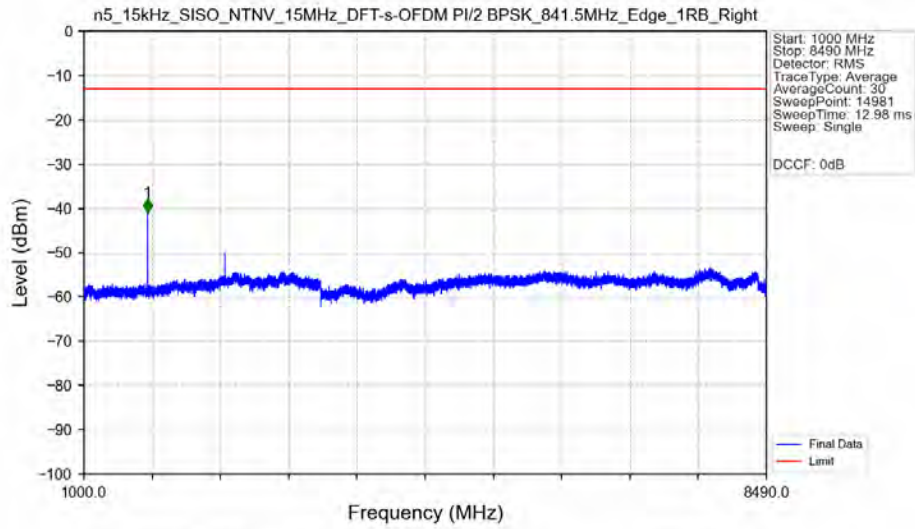
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.008	-45.43	-13	Pass
850	854	0.1	CHP	2	852.947	-47.17	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_841.5MHz_Edge_1RB_Right_Ant31

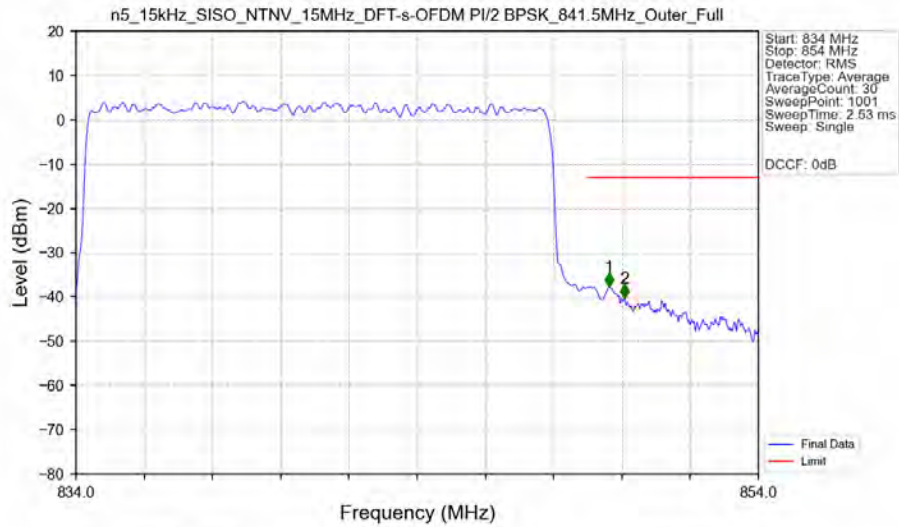


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.800	-66.36	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	854.750	-56.29	-13	Pass

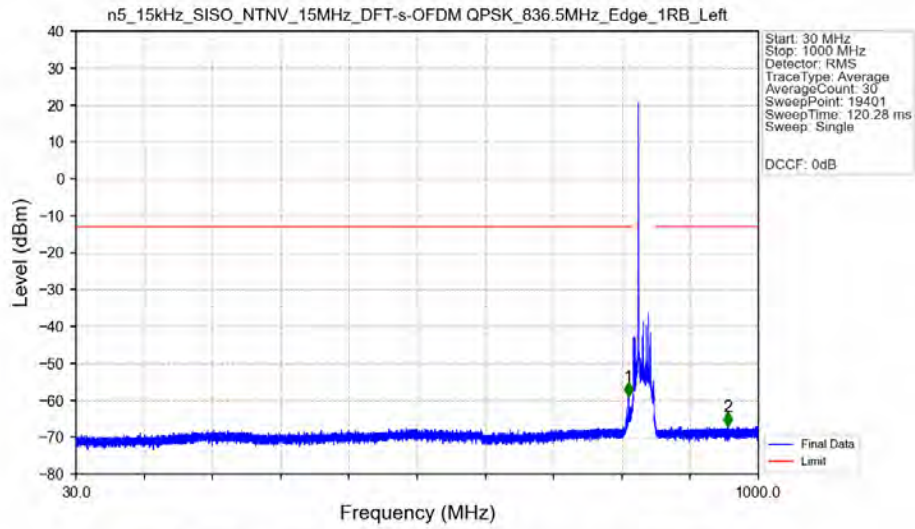
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_841.5MHz_Edge_1RB_Right_Ant31



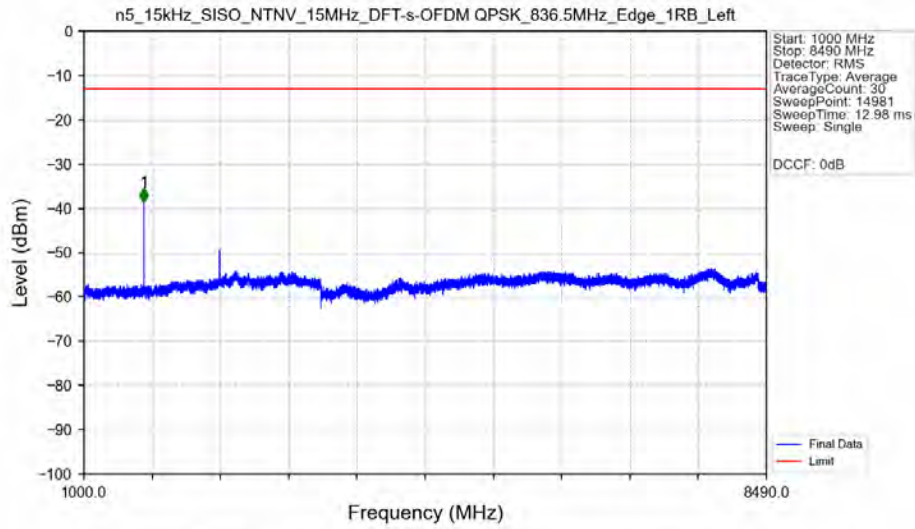
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_841.5MHz_Outer_Full_Ant31



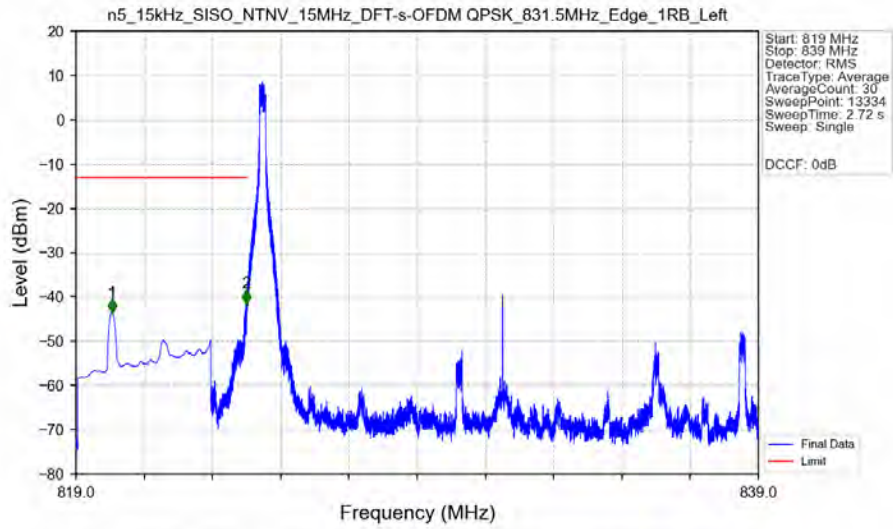
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant31



n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant31

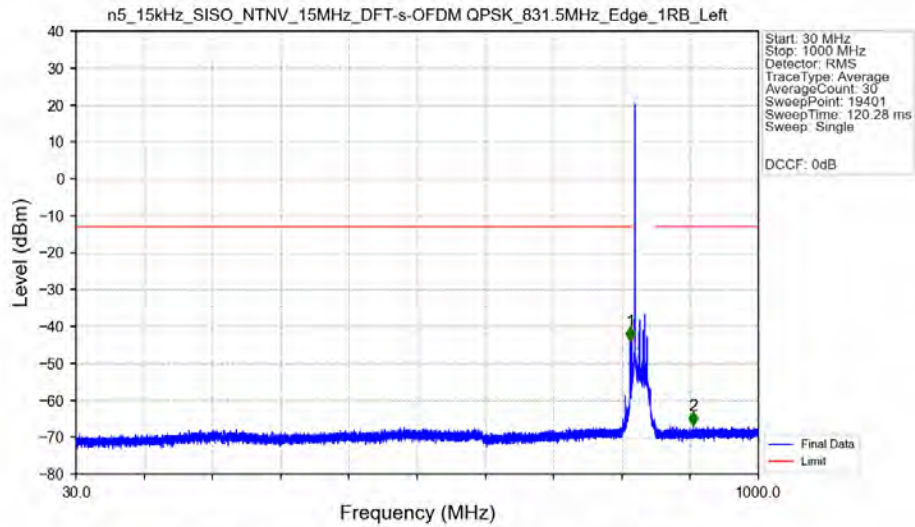


n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_831.5MHz_Edge_1RB_Left_Ant31



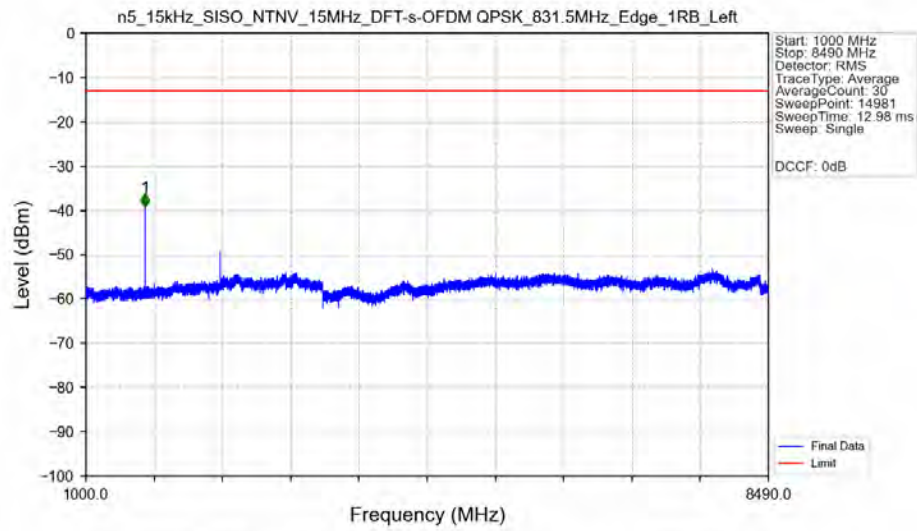
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	820.053	-43.46	-13	Pass
823	824	0.003	/	2	823.994	-41.42	-13	Pass
824	839	0.003	/	/	/	/	/	/

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_831.5MHz_Edge_1RB_Left_Ant31

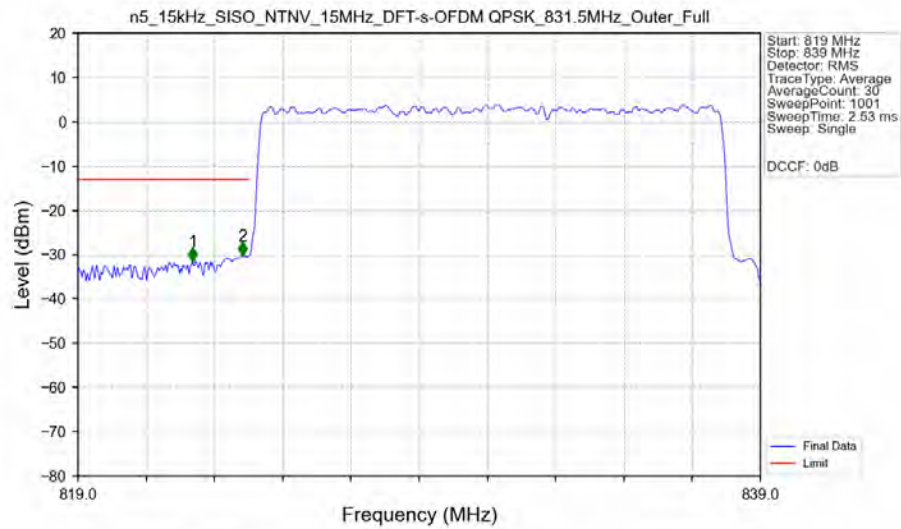


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.250	-43.92	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	907.550	-66.92	-13	Pass

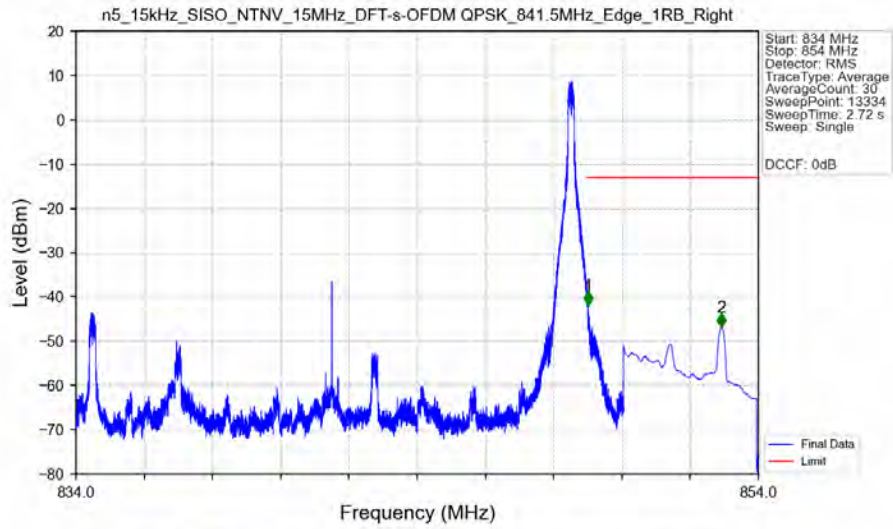
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_831.5MHz_Edge_1RB_Left_Ant31



n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_831.5MHz_Outer_Full_Ant31

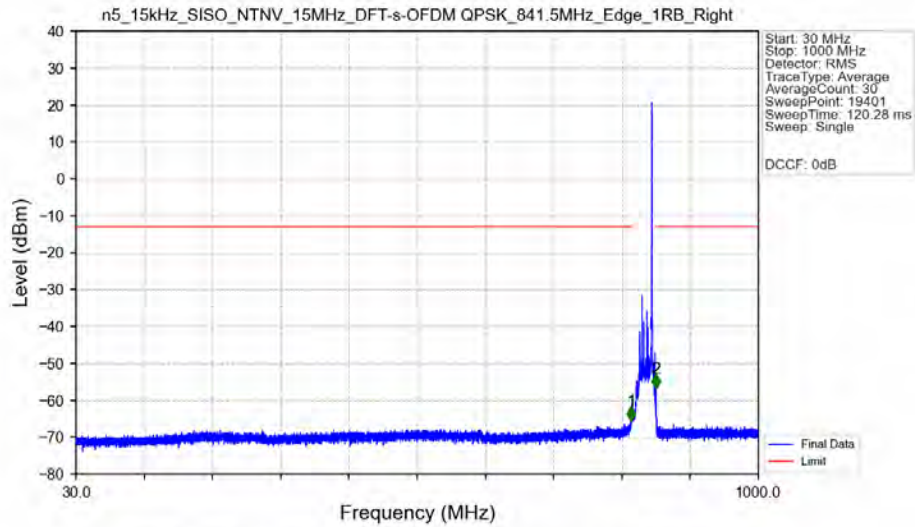


n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_841.5MHz_Edge_1RB_Right_Ant31



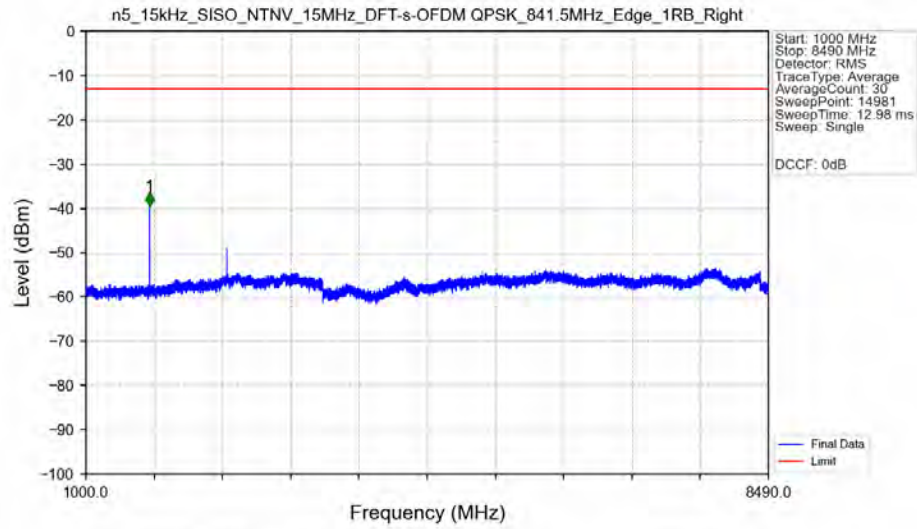
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.008	-41.90	-13	Pass
850	854	0.1	CHP	2	852.915	-46.81	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_841.5MHz_Edge_1RB_Right_Ant31

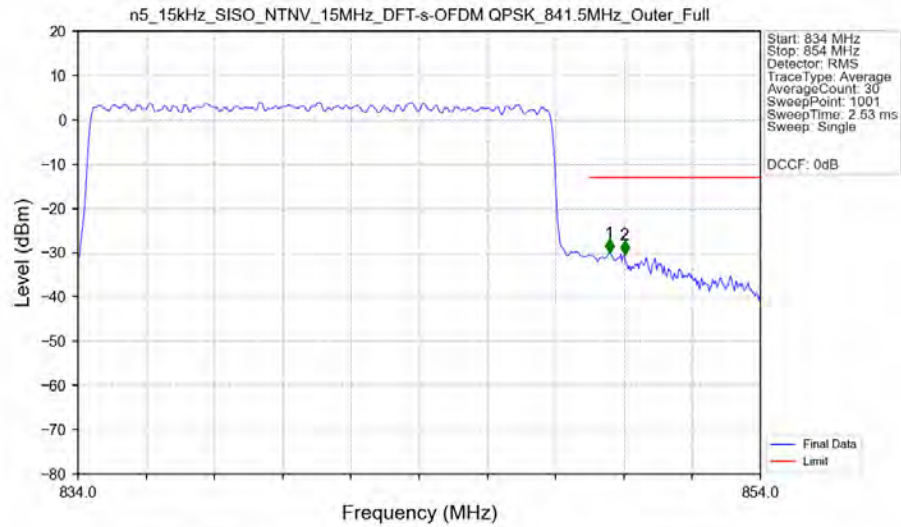


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.950	-65.60	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	854.750	-56.70	-13	Pass

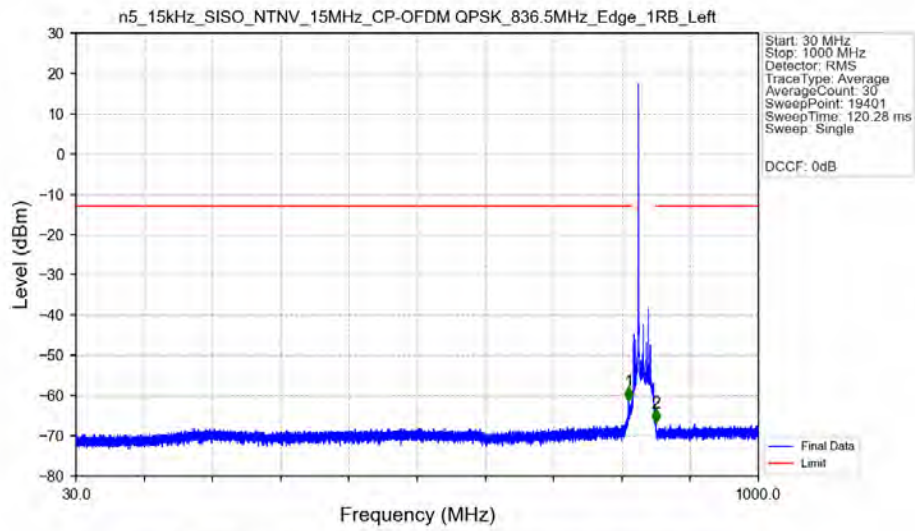
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_841.5MHz_Edge_1RB_Right_Ant31



n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_841.5MHz_Outer_Full_Ant31

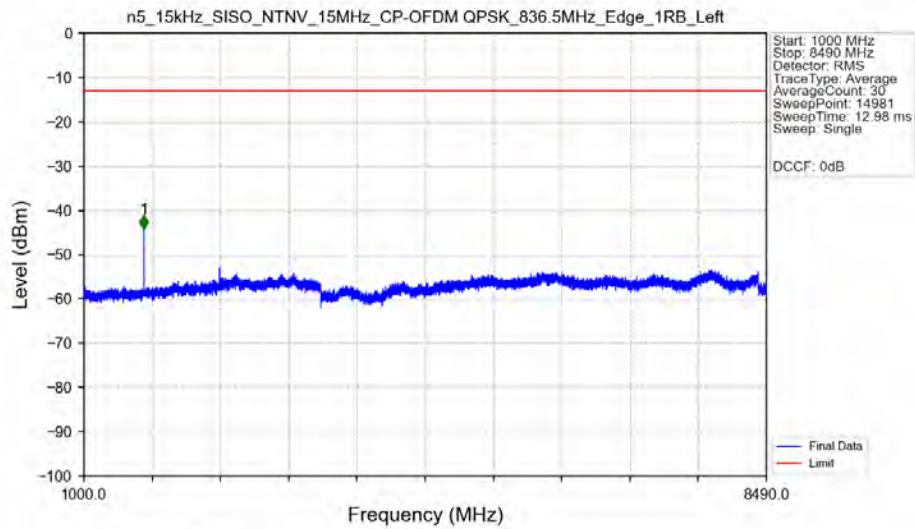


n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant31



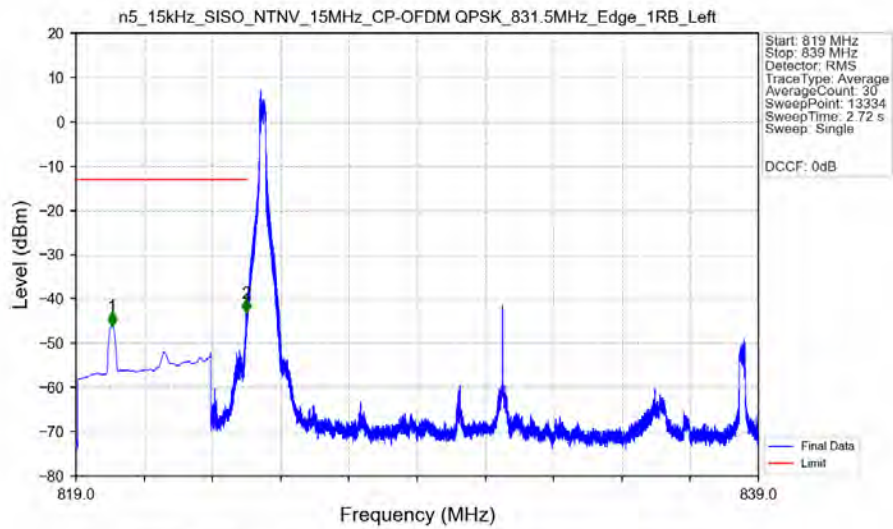
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	815.500	-61.39	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	854.150	-66.70	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant31

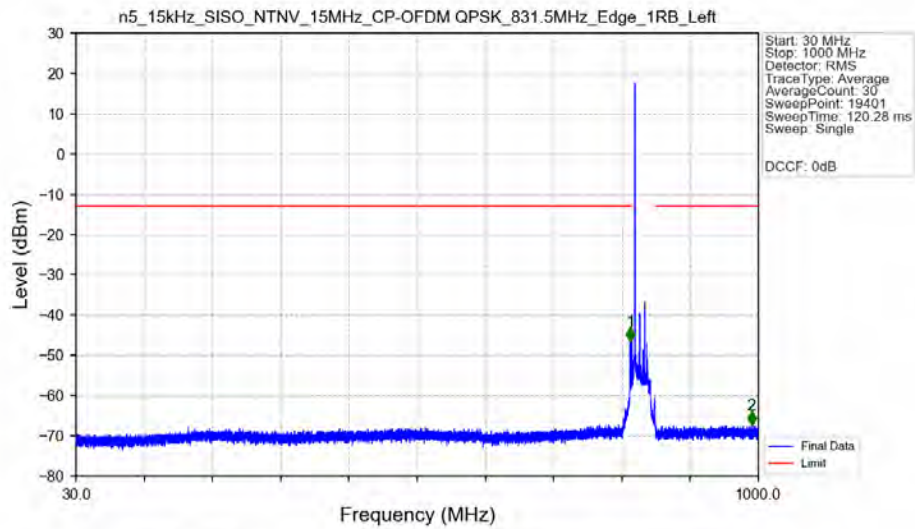


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1659.000	-44.22	-13	Pass

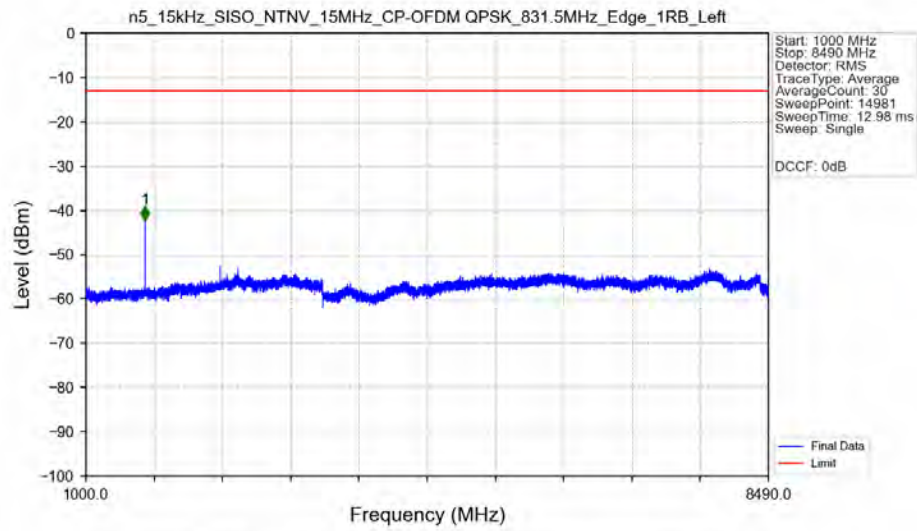
n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_831.5MHz_Edge_1RB_Left_Ant31



n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_831.5MHz_Edge_1RB_Left_Ant31

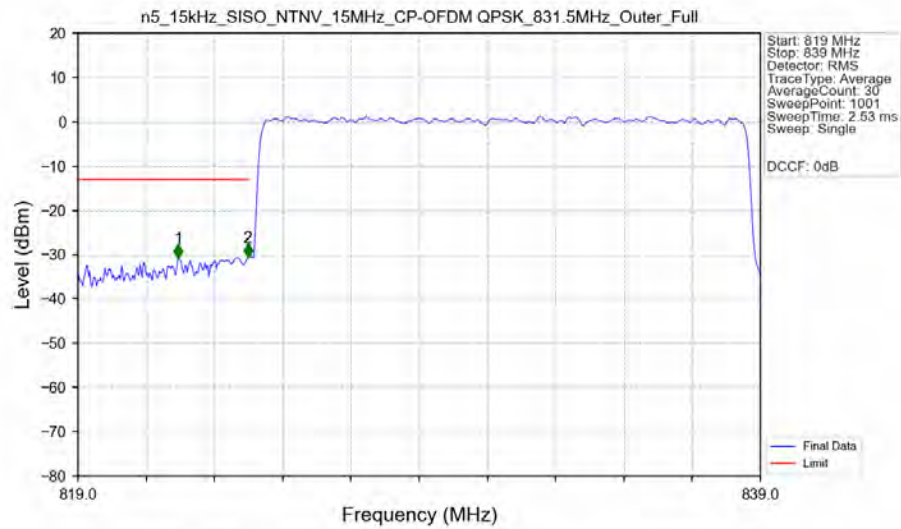


n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_831.5MHz_Edge_1RB_Left_Ant31



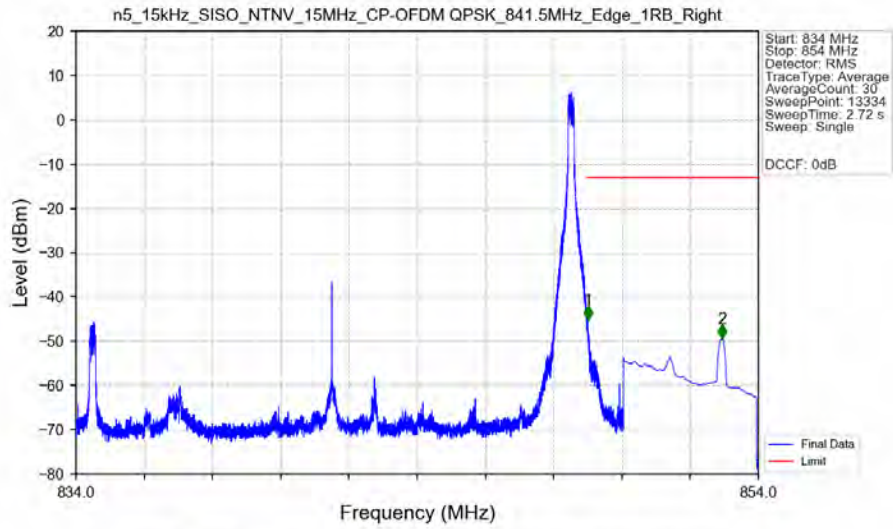
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1649.000	-42.11	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_831.5MHz_Outer_Full_Ant31

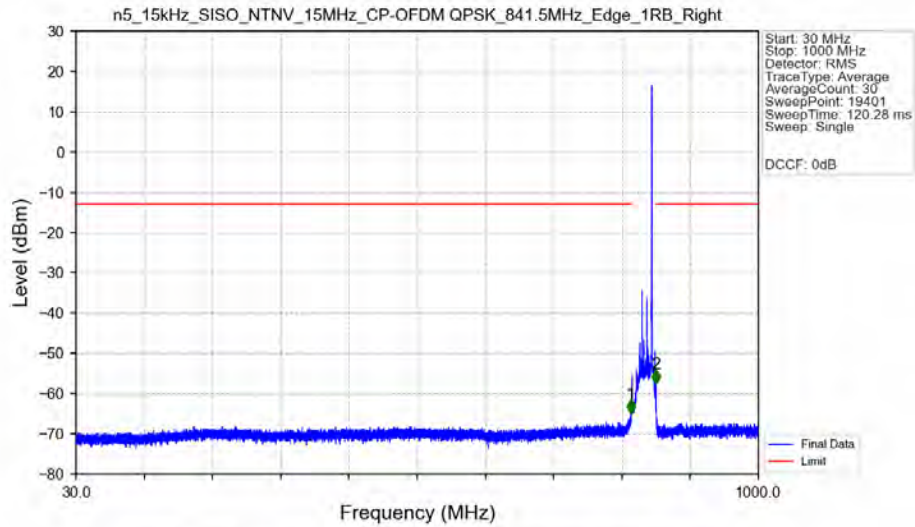


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	/	1	821.940	-30.72	-13	Pass
823	824	0.14623	CHP	2	823.980	-30.63	-13	Pass
824	839	0.14623	CHP	/	/	/	/	/

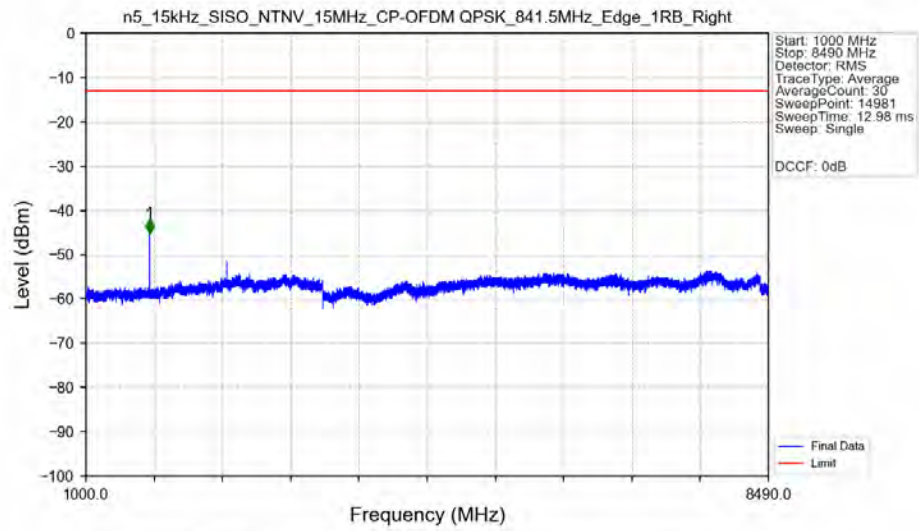
n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_841.5MHz_Edge_1RB_Right_Ant31



n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_841.5MHz_Edge_1RB_Right_Ant31

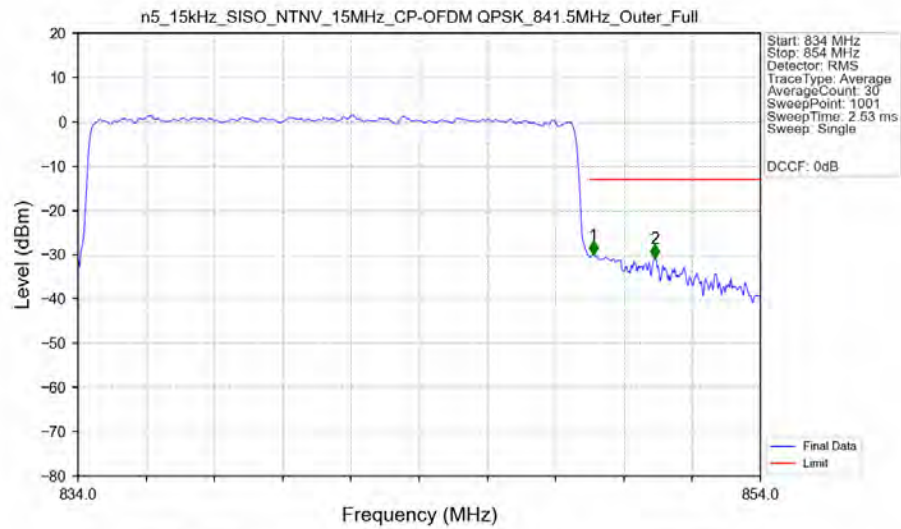


n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_841.5MHz_Edge_1RB_Right_Ant31



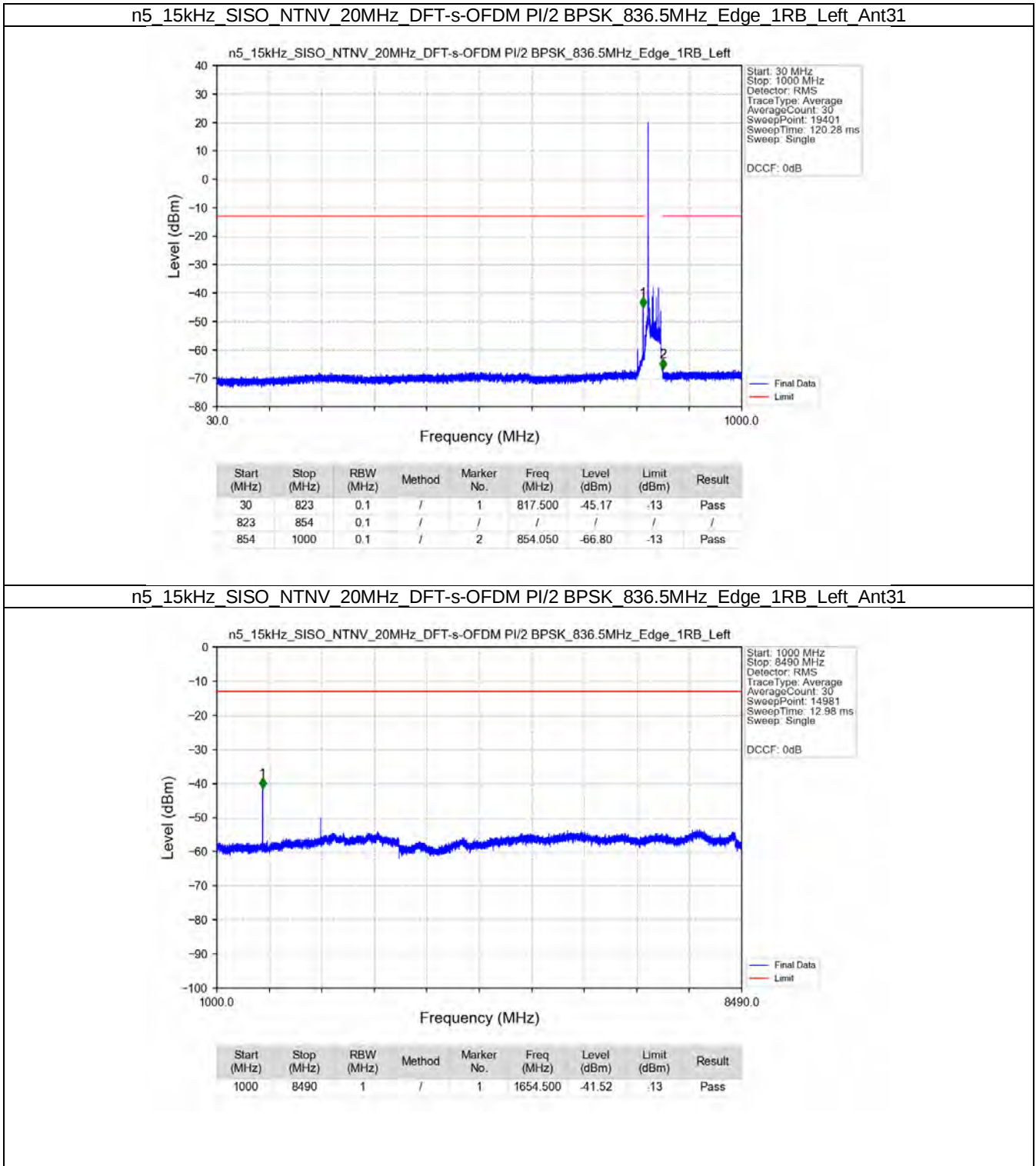
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1697.000	-45.18	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_841.5MHz_Outer_Full_Ant31

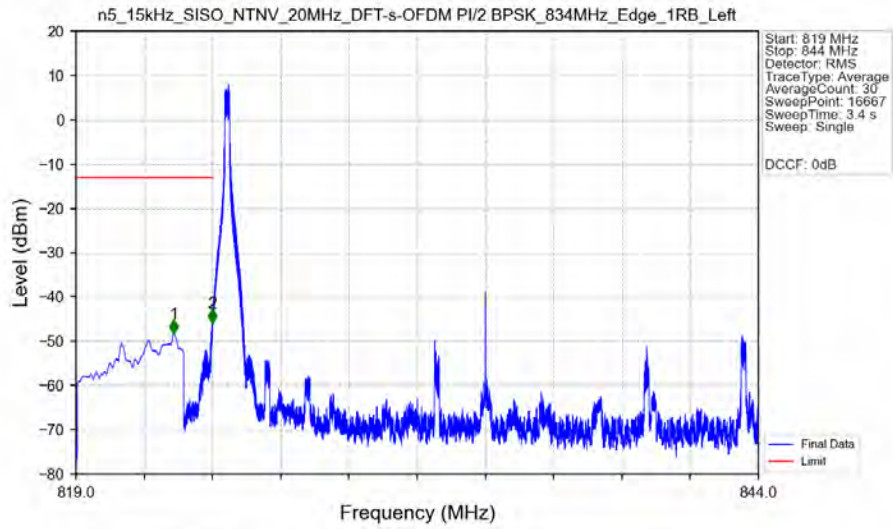


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.14623	CHP	/	/	/	/	/
849	850	0.14623	CHP	1	849.100	-30.05	-13	Pass
850	854	0.1	/	2	850.900	-30.81	-13	Pass

5.2.3 15k_SISO_20MHz_NTNV

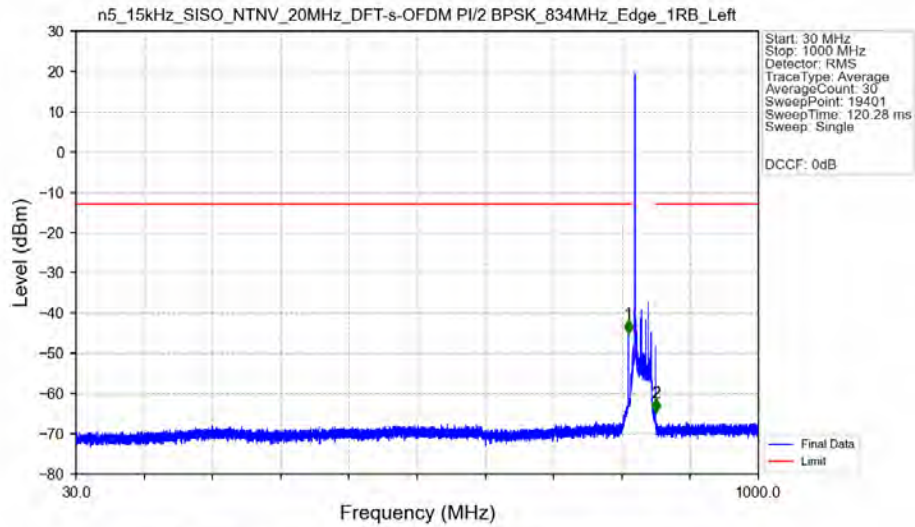


n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_834MHz_Edge_1RB_Left_Ant31



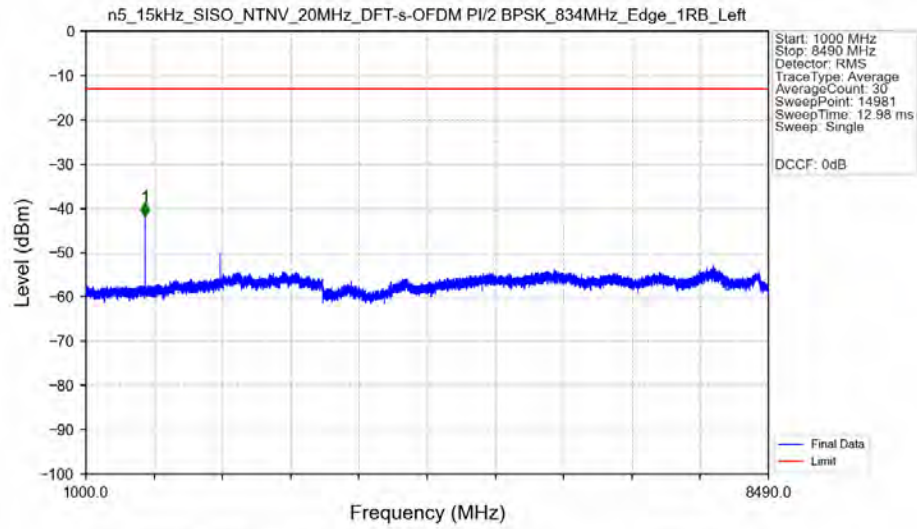
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.584	-48.18	-13	Pass
823	824	0.003	/	2	823.998	-45.82	-13	Pass
824	844	0.003	/	/	/	/	/	/

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_834MHz_Edge_1RB_Left_Ant31

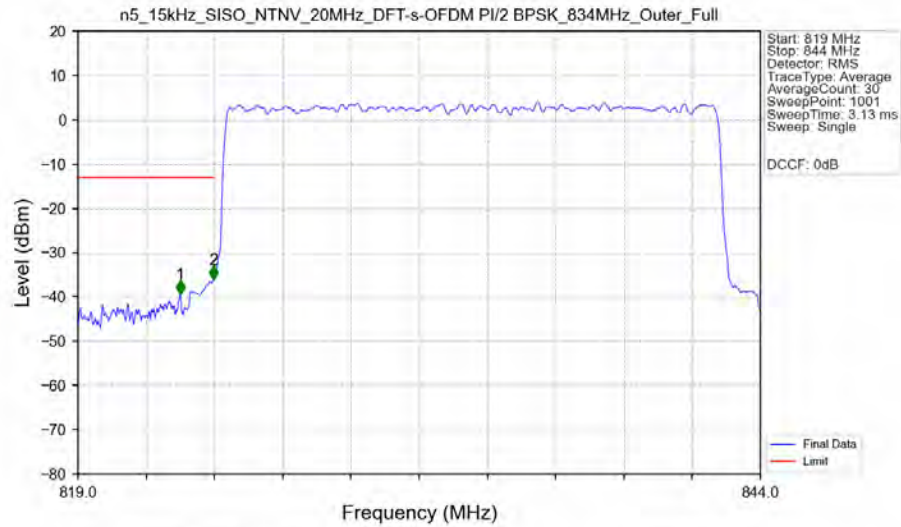


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	815.200	-45.01	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	854.050	-64.80	-13	Pass

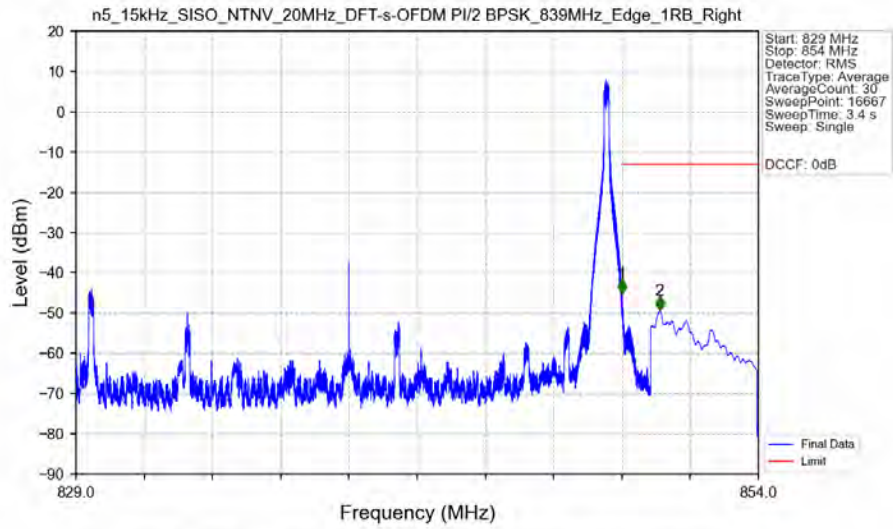
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_834MHz_Edge_1RB_Left_Ant31



n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_834MHz_Outer_Full_Ant31

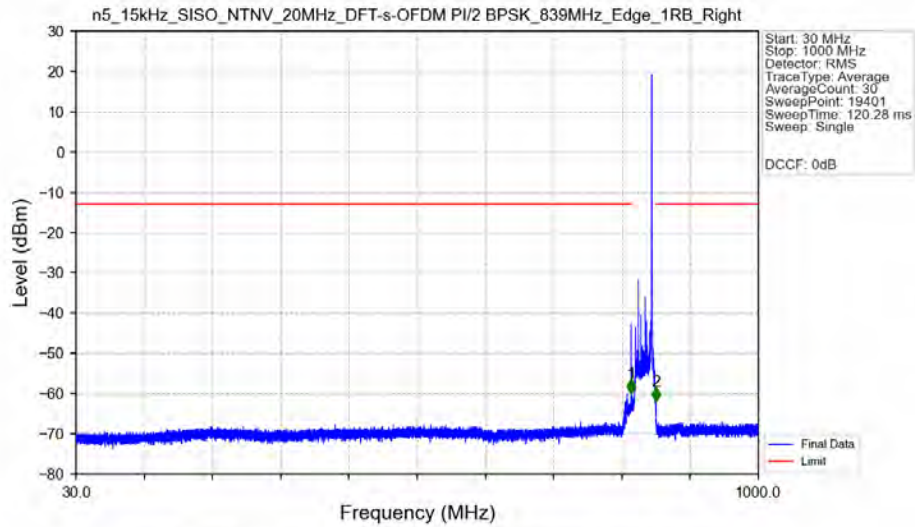


n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_839MHz_Edge_1RB_Right_Ant31



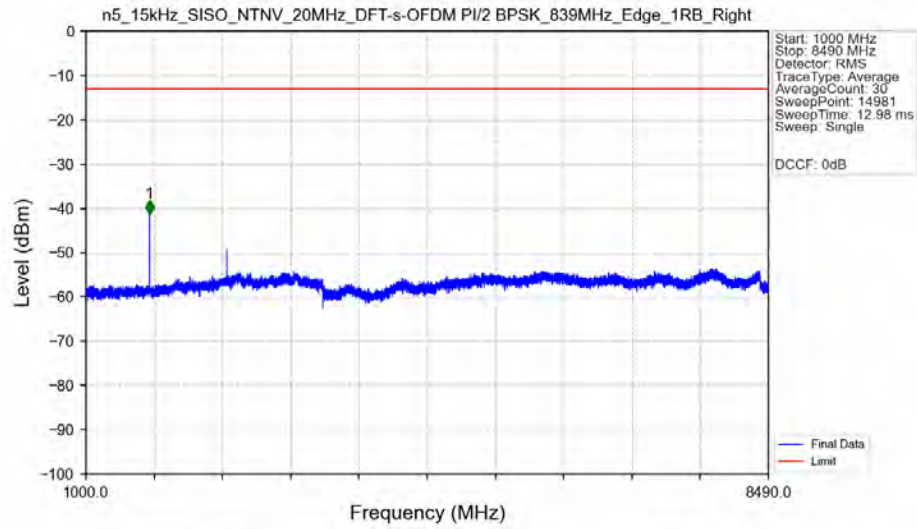
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
829	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.006	-45.09	-13	Pass
850	854	0.1	CHP	2	850.382	-49.24	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_839MHz_Edge_1RB_Right_Ant31

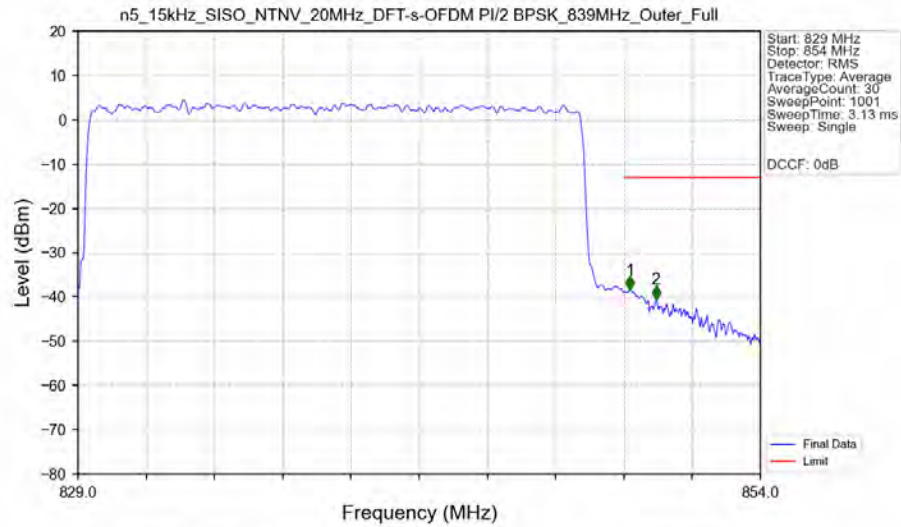


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.950	-59.88	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	854.300	-61.95	-13	Pass

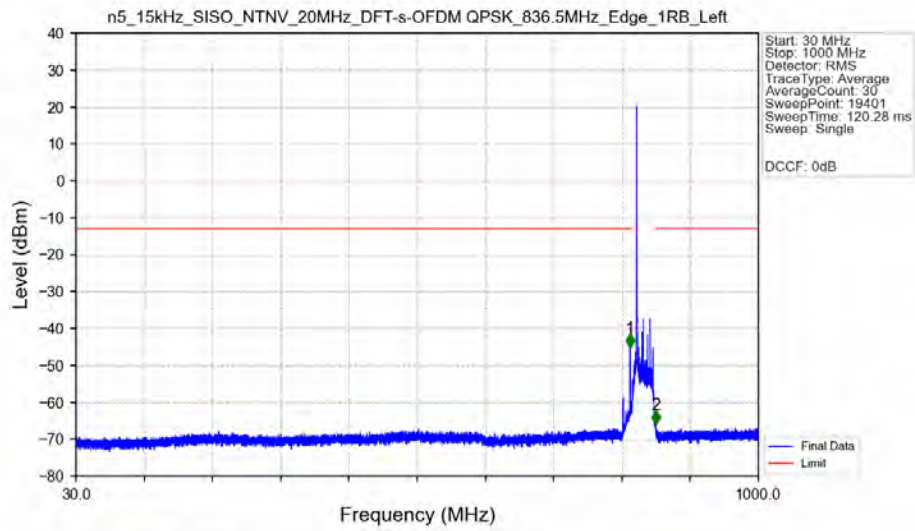
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_839MHz_Edge_1RB_Right_Ant31



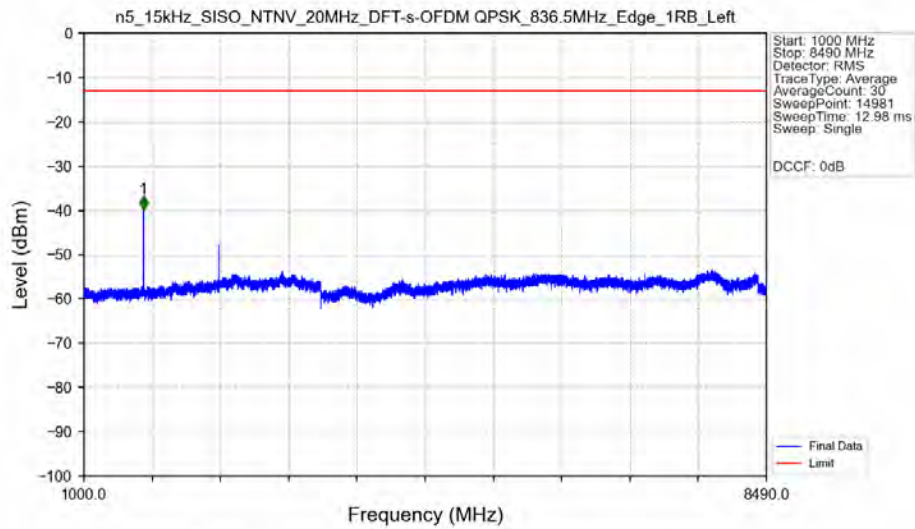
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_839MHz_Outer_Full_Ant31



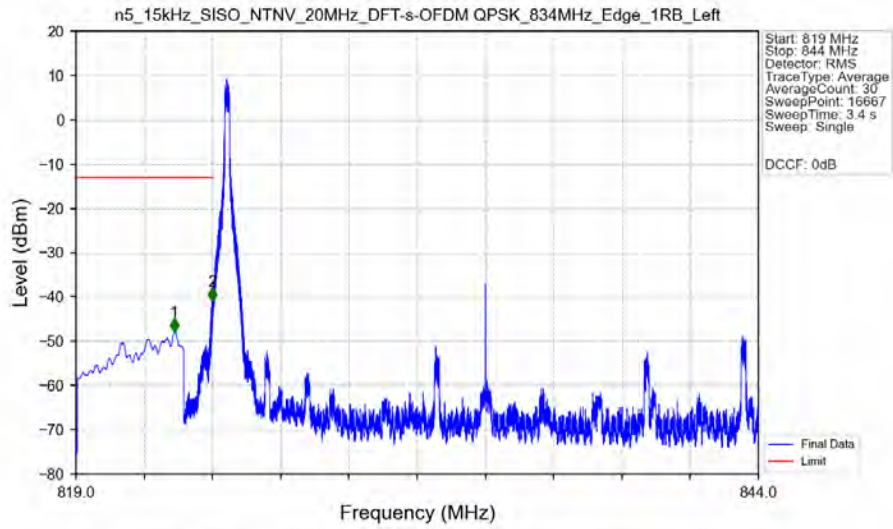
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant31



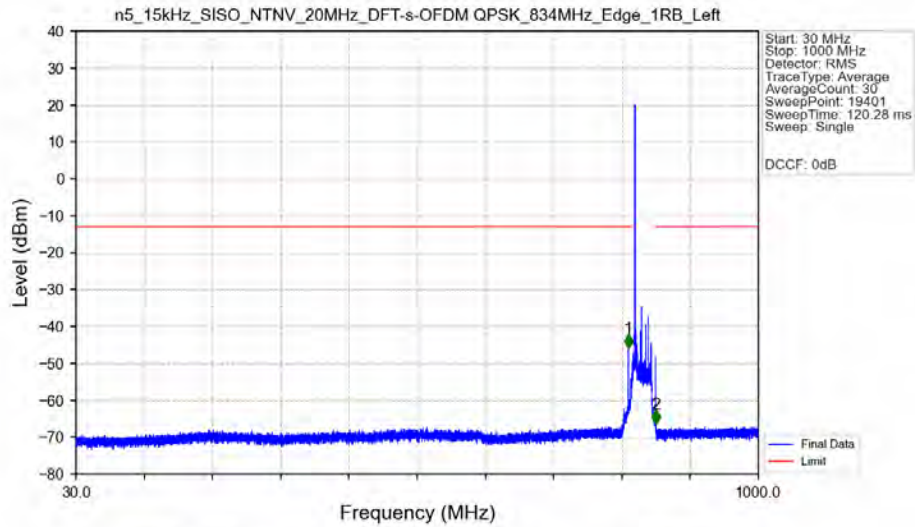
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant31



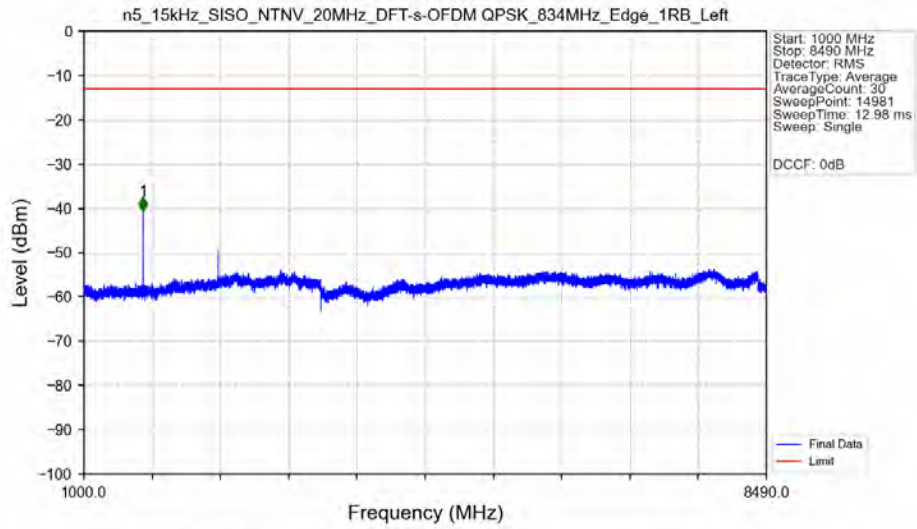
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_834MHz_Edge_1RB_Left_Ant31



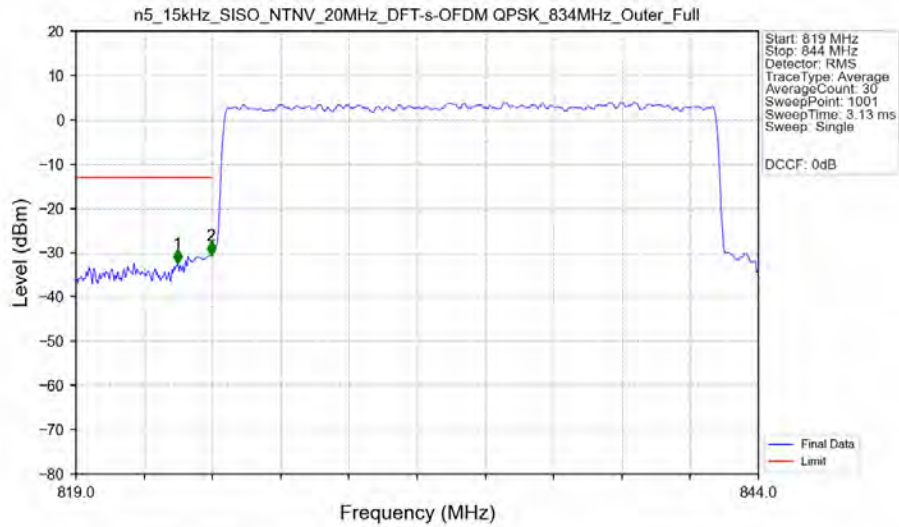
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_834MHz_Edge_1RB_Left_Ant31



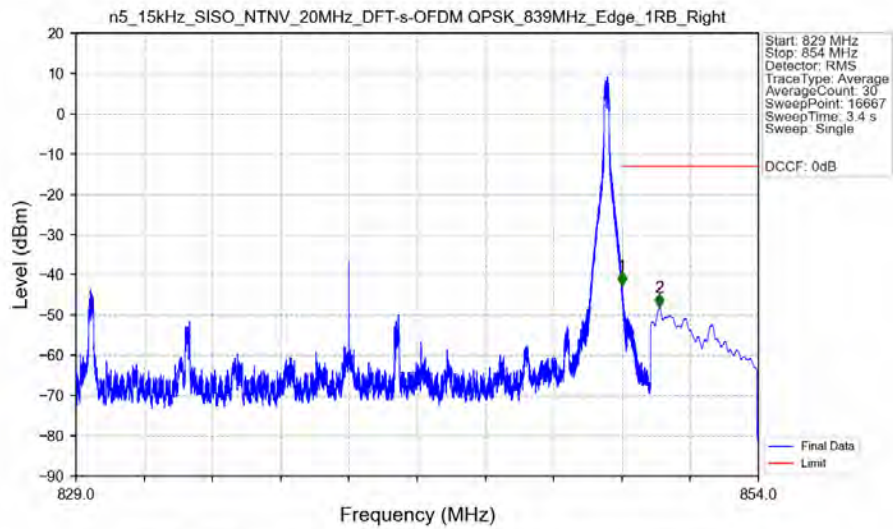
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_834MHz_Edge_1RB_Left_Ant31



n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_834MHz_Outer_Full_Ant31

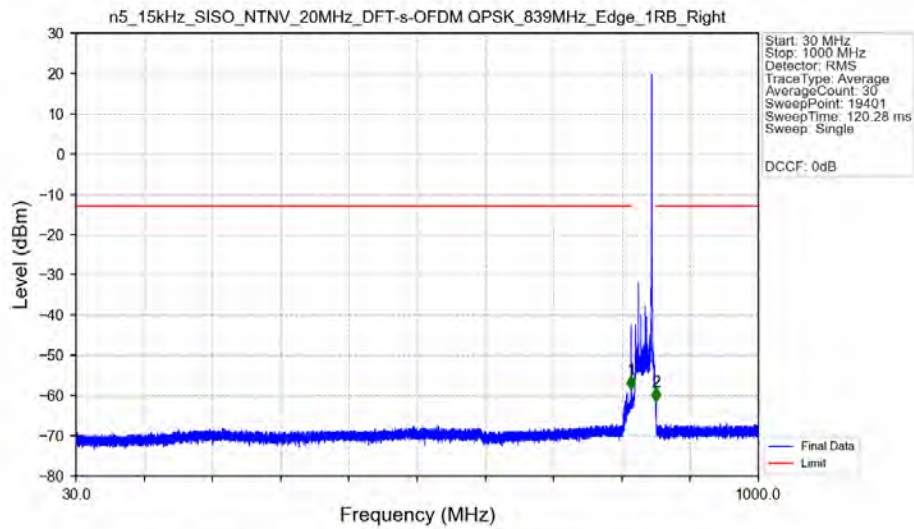


n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_839MHz_Edge_1RB_Right_Ant31



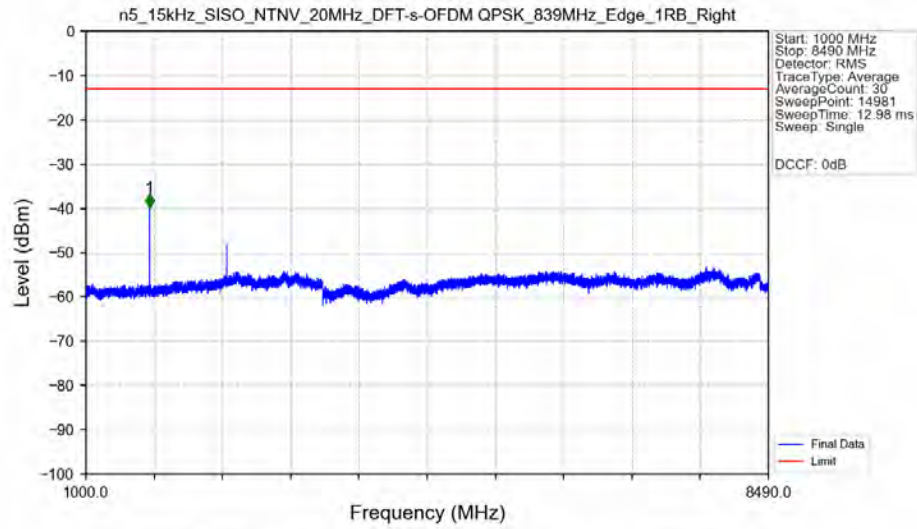
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
829	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.006	-42.61	-13	Pass
850	854	0.1	CHP	2	850.370	-48.08	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_839MHz_Edge_1RB_Right_Ant31

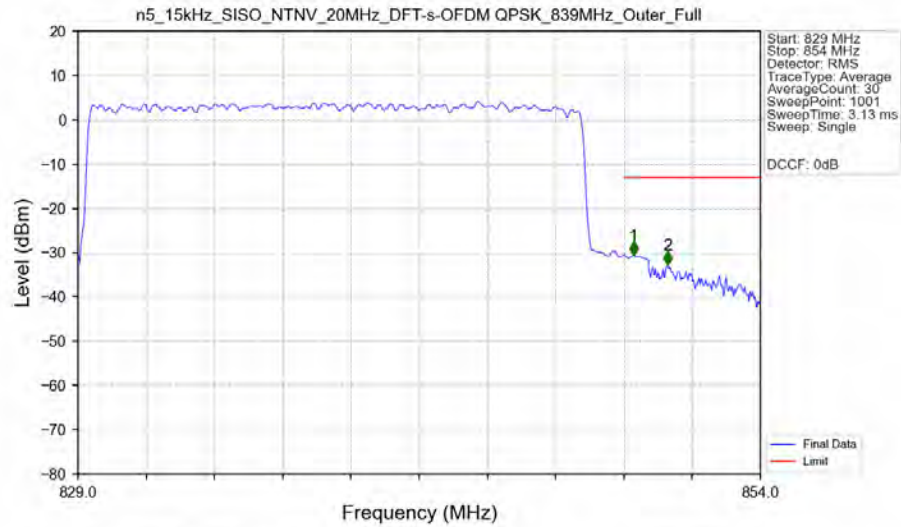


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.950	-58.48	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	854.300	-61.47	-13	Pass

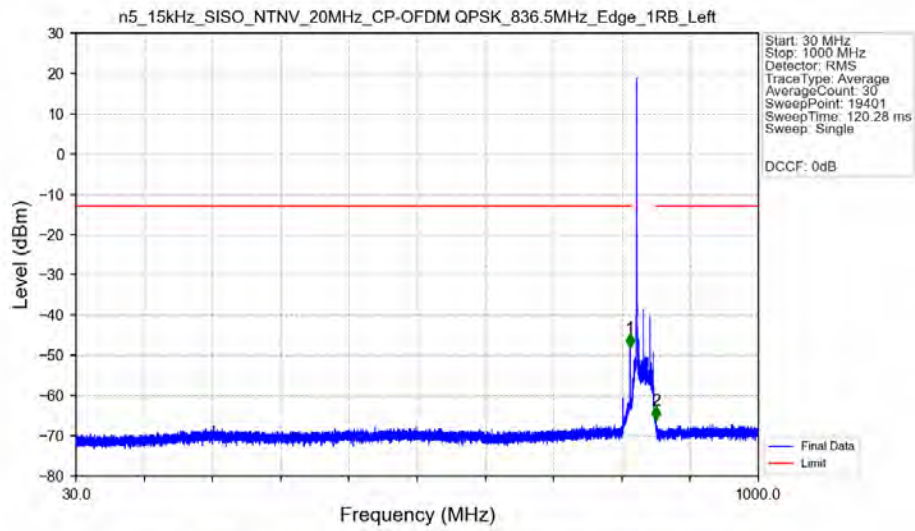
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_839MHz_Edge_1RB_Right_Ant31



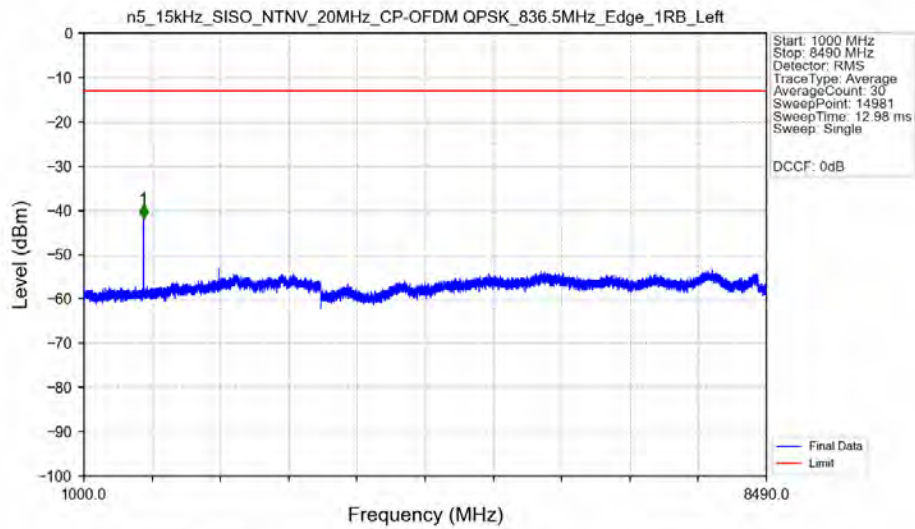
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_839MHz_Outer_Full_Ant31



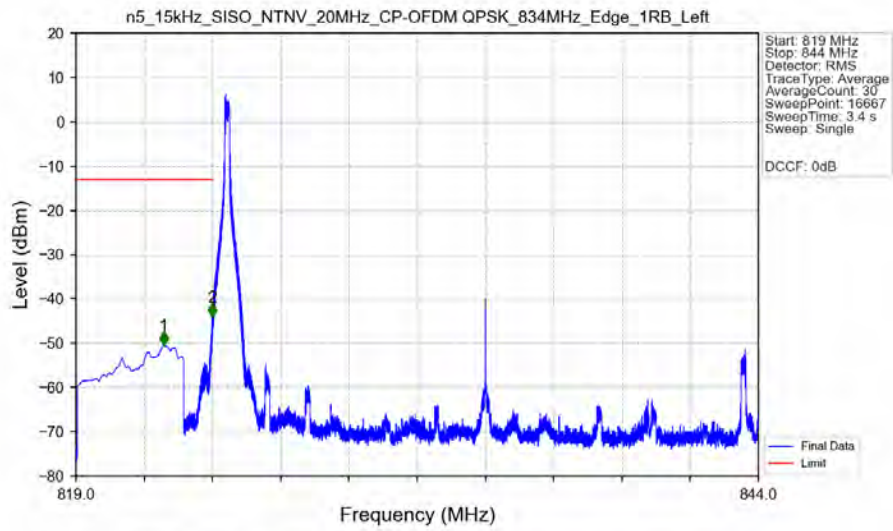
n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant31



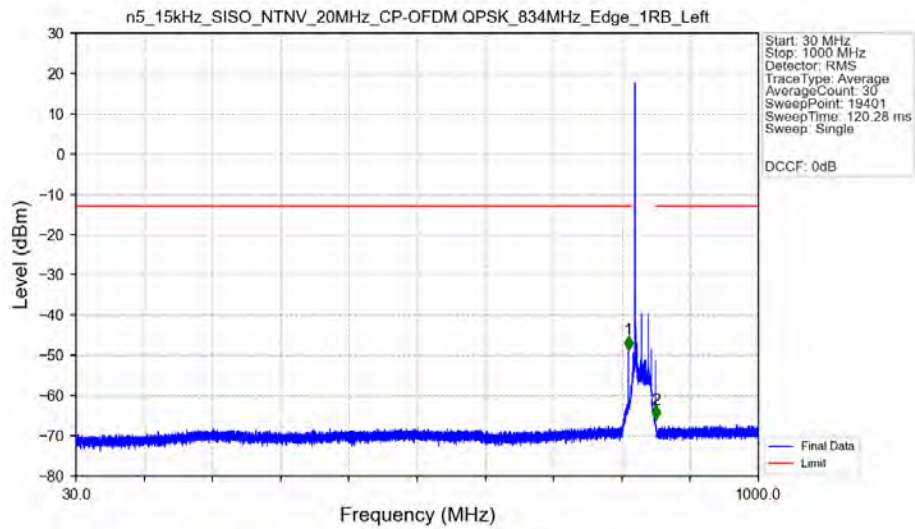
n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant31



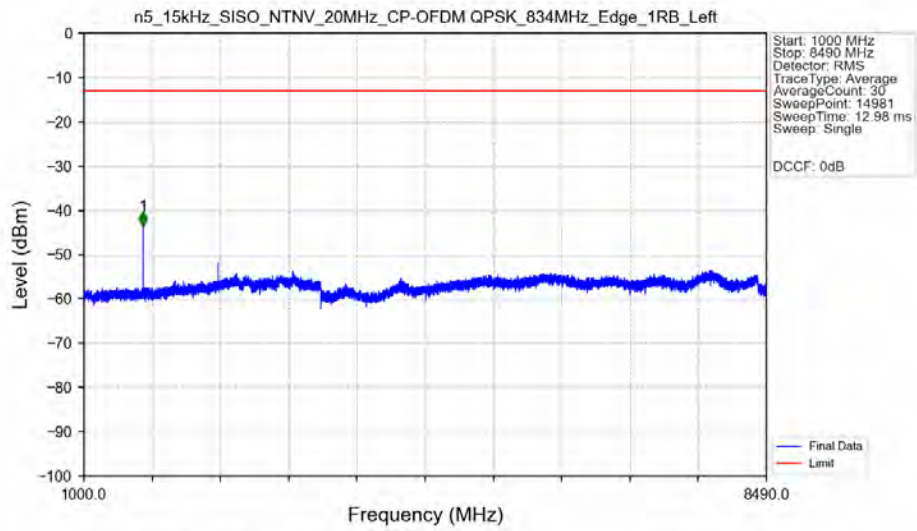
n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_834MHz_Edge_1RB_Left_Ant31



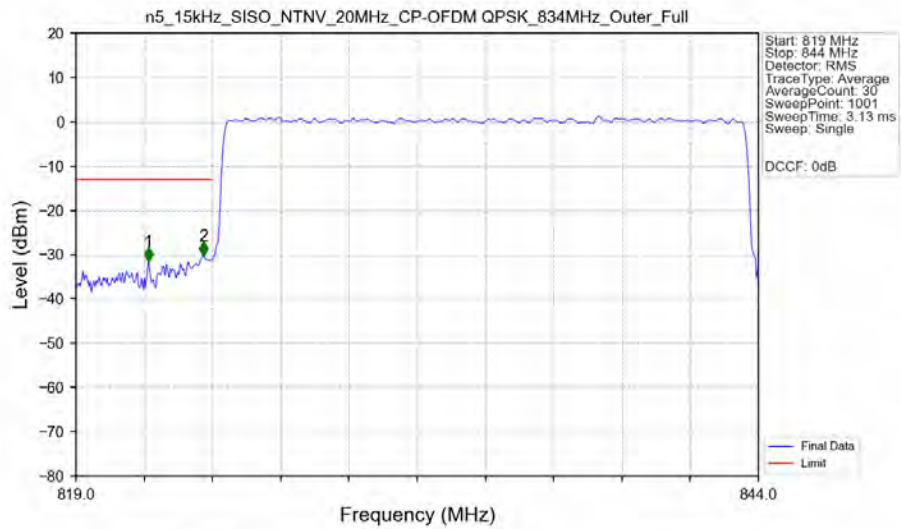
n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_834MHz_Edge_1RB_Left_Ant31



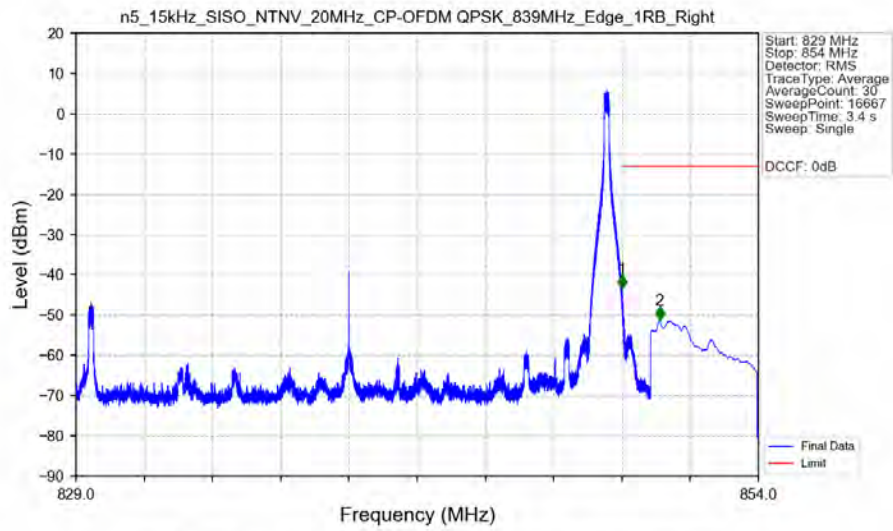
n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_834MHz_Edge_1RB_Left_Ant31



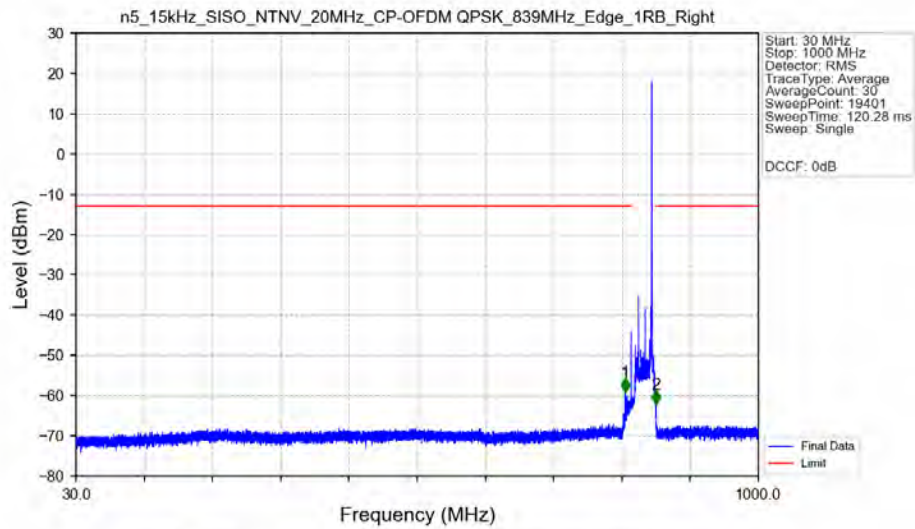
n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_834MHz_Outer_Full_Ant31



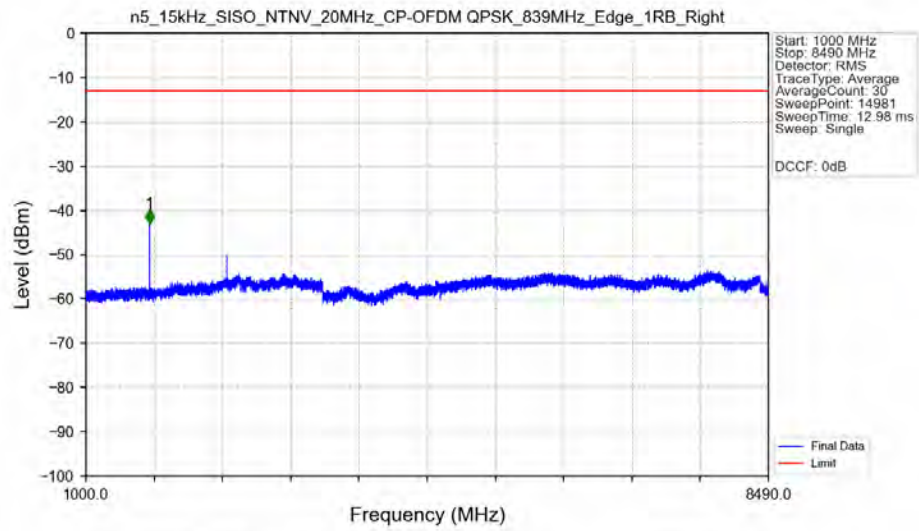
n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_839MHz_Edge_1RB_Right_Ant31



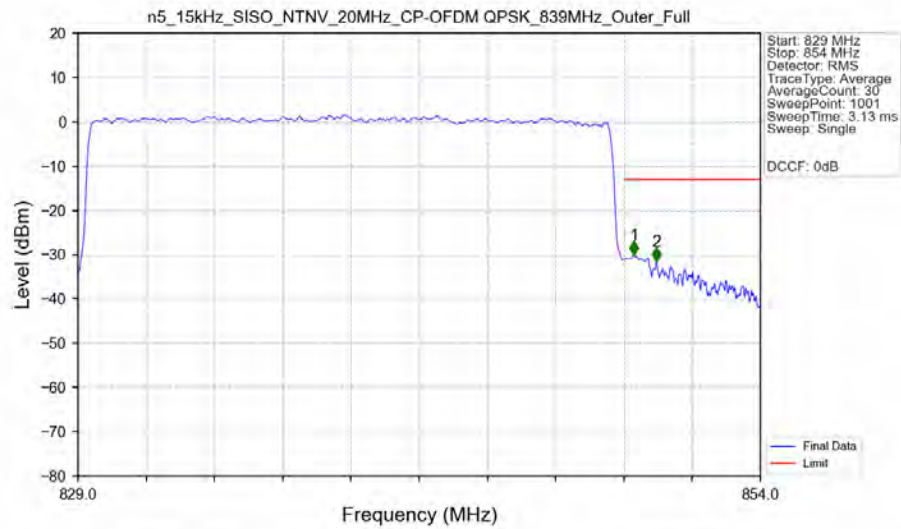
n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_839MHz_Edge_1RB_Right_Ant31



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