

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
			Ant13	Ant2	Sum	Ant13	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	836.5	Edge 1RB Left	23.55	/	/	16.87	/	/	<=38.45	Pass
		Edge 1RB Right	23.48	/	/	16.80	/	/	<=38.45	Pass
		Outer Full	23.63	/	/	16.95	/	/	<=38.45	Pass
		Inner Full	24.13	/	/	17.45	/	/	<=38.45	Pass
		Inner 1RB Left	24.03	/	/	17.35	/	/	<=38.45	Pass
		Inner 1RB Right	24.05	/	/	17.37	/	/	<=38.45	Pass
	826.5	Edge 1RB Left	23.65	/	/	16.97	/	/	<=38.45	Pass
		Edge 1RB Right	23.62	/	/	16.94	/	/	<=38.45	Pass
		Outer Full	23.70	/	/	17.02	/	/	<=38.45	Pass
		Inner Full	24.20	/	/	17.52	/	/	<=38.45	Pass
		Inner 1RB Left	24.14	/	/	17.46	/	/	<=38.45	Pass
		Inner 1RB Right	24.12	/	/	17.44	/	/	<=38.45	Pass
	846.5	Edge 1RB Left	23.48	/	/	16.80	/	/	<=38.45	Pass
		Edge 1RB Right	23.46	/	/	16.78	/	/	<=38.45	Pass
		Outer Full	23.60	/	/	16.92	/	/	<=38.45	Pass
		Inner Full	24.08	/	/	17.40	/	/	<=38.45	Pass
		Inner 1RB Left	23.97	/	/	17.29	/	/	<=38.45	Pass
		Inner 1RB Right	23.92	/	/	17.24	/	/	<=38.45	Pass
DFT-s-OFDM QPSK	836.5	Edge 1RB Left	23.06	/	/	16.38	/	/	<=38.45	Pass
		Edge 1RB Right	23.05	/	/	16.37	/	/	<=38.45	Pass
		Outer Full	23.19	/	/	16.51	/	/	<=38.45	Pass
		Inner Full	24.17	/	/	17.49	/	/	<=38.45	Pass
		Inner 1RB Left	23.96	/	/	17.28	/	/	<=38.45	Pass
		Inner 1RB Right	23.96	/	/	17.28	/	/	<=38.45	Pass
	826.5	Edge 1RB Left	23.22	/	/	16.54	/	/	<=38.45	Pass
		Edge 1RB Right	23.16	/	/	16.48	/	/	<=38.45	Pass
		Outer Full	23.36	/	/	16.68	/	/	<=38.45	Pass
		Inner Full	24.24	/	/	17.56	/	/	<=38.45	Pass
		Inner 1RB Left	24.07	/	/	17.39	/	/	<=38.45	Pass
		Inner 1RB Right	24.06	/	/	17.38	/	/	<=38.45	Pass
	846.5	Edge 1RB Left	22.96	/	/	16.28	/	/	<=38.45	Pass
		Edge 1RB Right	23.02	/	/	16.34	/	/	<=38.45	Pass
		Outer Full	23.10	/	/	16.42	/	/	<=38.45	Pass
		Inner Full	24.12	/	/	17.44	/	/	<=38.45	Pass
		Inner 1RB Left	23.98	/	/	17.30	/	/	<=38.45	Pass
		Inner 1RB Right	23.83	/	/	17.15	/	/	<=38.45	Pass
DFT-s-OFDM 16 QAM	836.5	Edge 1RB Left	22.26	/	/	15.58	/	/	<=38.45	Pass
		Edge 1RB Right	22.22	/	/	15.54	/	/	<=38.45	Pass
		Outer Full	22.16	/	/	15.48	/	/	<=38.45	Pass
		Inner Full	23.19	/	/	16.51	/	/	<=38.45	Pass
		Inner 1RB Left	23.36	/	/	16.68	/	/	<=38.45	Pass
		Inner 1RB Right	23.29	/	/	16.61	/	/	<=38.45	Pass
	826.5	Edge 1RB Left	22.43	/	/	15.75	/	/	<=38.45	Pass
		Edge 1RB Right	22.43	/	/	15.75	/	/	<=38.45	Pass
		Outer Full	22.34	/	/	15.66	/	/	<=38.45	Pass
		Inner Full	23.32	/	/	16.64	/	/	<=38.45	Pass
		Inner 1RB Left	23.56	/	/	16.88	/	/	<=38.45	Pass
		Inner 1RB Right	23.59	/	/	16.91	/	/	<=38.45	Pass
	846.5	Edge 1RB Left	22.12	/	/	15.44	/	/	<=38.45	Pass

		Edge_1RB_Right	22.18	/	/	15.50	/	/	<=38.45	Pass
		Outer_Full	22.08	/	/	15.40	/	/	<=38.45	Pass
		Inner_Full	23.07	/	/	16.39	/	/	<=38.45	Pass
		Inner_1RB_Left	23.23	/	/	16.55	/	/	<=38.45	Pass
		Inner_1RB_Right	23.28	/	/	16.60	/	/	<=38.45	Pass
DFT-s-OFDM 64 QAM	836.5	Edge_1RB_Left	21.88	/	/	15.20	/	/	<=38.45	Pass
		Edge_1RB_Right	21.82	/	/	15.14	/	/	<=38.45	Pass
		Outer_Full	21.77	/	/	15.09	/	/	<=38.45	Pass
		Inner_Full	21.73	/	/	15.05	/	/	<=38.45	Pass
		Inner_1RB_Left	21.87	/	/	15.19	/	/	<=38.45	Pass
		Inner_1RB_Right	21.79	/	/	15.11	/	/	<=38.45	Pass
	826.5	Edge_1RB_Left	22.00	/	/	15.32	/	/	<=38.45	Pass
		Edge_1RB_Right	21.98	/	/	15.30	/	/	<=38.45	Pass
		Outer_Full	21.94	/	/	15.26	/	/	<=38.45	Pass
		Inner_Full	21.89	/	/	15.21	/	/	<=38.45	Pass
		Inner_1RB_Left	21.97	/	/	15.29	/	/	<=38.45	Pass
		Inner_1RB_Right	21.99	/	/	15.31	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	21.78	/	/	15.10	/	/	<=38.45	Pass
		Edge_1RB_Right	21.63	/	/	14.95	/	/	<=38.45	Pass
		Outer_Full	21.62	/	/	14.94	/	/	<=38.45	Pass
		Inner_Full	21.65	/	/	14.97	/	/	<=38.45	Pass
		Inner_1RB_Left	21.64	/	/	14.96	/	/	<=38.45	Pass
		Inner_1RB_Right	21.78	/	/	15.10	/	/	<=38.45	Pass
DFT-s-OFDM 256 QAM	836.5	Edge_1RB_Left	19.69	/	/	13.01	/	/	<=38.45	Pass
		Edge_1RB_Right	19.57	/	/	12.89	/	/	<=38.45	Pass
		Outer_Full	19.68	/	/	13.00	/	/	<=38.45	Pass
		Inner_Full	19.73	/	/	13.05	/	/	<=38.45	Pass
		Inner_1RB_Left	19.68	/	/	13.00	/	/	<=38.45	Pass
		Inner_1RB_Right	19.59	/	/	12.91	/	/	<=38.45	Pass
	826.5	Edge_1RB_Left	19.79	/	/	13.11	/	/	<=38.45	Pass
		Edge_1RB_Right	19.82	/	/	13.14	/	/	<=38.45	Pass
		Outer_Full	19.83	/	/	13.15	/	/	<=38.45	Pass
		Inner_Full	19.91	/	/	13.23	/	/	<=38.45	Pass
		Inner_1RB_Left	19.80	/	/	13.12	/	/	<=38.45	Pass
		Inner_1RB_Right	19.82	/	/	13.14	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	19.52	/	/	12.84	/	/	<=38.45	Pass
		Edge_1RB_Right	19.52	/	/	12.84	/	/	<=38.45	Pass
		Outer_Full	19.56	/	/	12.88	/	/	<=38.45	Pass
		Inner_Full	19.64	/	/	12.96	/	/	<=38.45	Pass
		Inner_1RB_Left	19.54	/	/	12.86	/	/	<=38.45	Pass
		Inner_1RB_Right	19.54	/	/	12.86	/	/	<=38.45	Pass
CP-OFDM QPSK	836.5	Edge_1RB_Left	21.03	/	/	14.35	/	/	<=38.45	Pass
		Edge_1RB_Right	20.98	/	/	14.30	/	/	<=38.45	Pass
		Outer_Full	21.22	/	/	14.54	/	/	<=38.45	Pass
		Inner_Full	22.72	/	/	16.04	/	/	<=38.45	Pass
		Inner_1RB_Left	22.51	/	/	15.83	/	/	<=38.45	Pass
		Inner_1RB_Right	22.54	/	/	15.86	/	/	<=38.45	Pass
	826.5	Edge_1RB_Left	21.18	/	/	14.50	/	/	<=38.45	Pass
		Edge_1RB_Right	21.18	/	/	14.50	/	/	<=38.45	Pass
		Outer_Full	21.34	/	/	14.66	/	/	<=38.45	Pass
		Inner_Full	22.79	/	/	16.11	/	/	<=38.45	Pass
		Inner_1RB_Left	22.70	/	/	16.02	/	/	<=38.45	Pass
		Inner_1RB_Right	22.62	/	/	15.94	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	20.97	/	/	14.29	/	/	<=38.45	Pass
		Edge_1RB_Right	20.92	/	/	14.24	/	/	<=38.45	Pass
		Outer_Full	21.07	/	/	14.39	/	/	<=38.45	Pass
		Inner_Full	22.52	/	/	15.84	/	/	<=38.45	Pass
		Inner_1RB_Left	22.46	/	/	15.78	/	/	<=38.45	Pass
		Inner_1RB_Right	22.38	/	/	15.70	/	/	<=38.45	Pass

CP-OFDM 16 QAM	836.5	Edge_1RB_Left	21.26	/	/	14.58	/	/	<=38.45	Pass
		Edge_1RB_Right	21.22	/	/	14.54	/	/	<=38.45	Pass
		Outer_Full	21.18	/	/	14.50	/	/	<=38.45	Pass
		Inner_Full	22.19	/	/	15.51	/	/	<=38.45	Pass
		Inner_1RB_Left	22.17	/	/	15.49	/	/	<=38.45	Pass
		Inner_1RB_Right	22.17	/	/	15.49	/	/	<=38.45	Pass
	826.5	Edge_1RB_Left	21.38	/	/	14.70	/	/	<=38.45	Pass
		Edge_1RB_Right	21.32	/	/	14.64	/	/	<=38.45	Pass
		Outer_Full	21.34	/	/	14.66	/	/	<=38.45	Pass
		Inner_Full	22.36	/	/	15.68	/	/	<=38.45	Pass
		Inner_1RB_Left	22.33	/	/	15.65	/	/	<=38.45	Pass
		Inner_1RB_Right	22.29	/	/	15.61	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	21.13	/	/	14.45	/	/	<=38.45	Pass
		Edge_1RB_Right	21.08	/	/	14.40	/	/	<=38.45	Pass
		Outer_Full	21.05	/	/	14.37	/	/	<=38.45	Pass
		Inner_Full	22.07	/	/	15.39	/	/	<=38.45	Pass
		Inner_1RB_Left	22.24	/	/	15.56	/	/	<=38.45	Pass
		Inner_1RB_Right	22.07	/	/	15.39	/	/	<=38.45	Pass
CP-OFDM 64 QAM	836.5	Edge_1RB_Left	20.69	/	/	14.01	/	/	<=38.45	Pass
		Edge_1RB_Right	20.64	/	/	13.96	/	/	<=38.45	Pass
		Outer_Full	20.72	/	/	14.04	/	/	<=38.45	Pass
		Inner_Full	20.68	/	/	14.00	/	/	<=38.45	Pass
		Inner_1RB_Left	20.67	/	/	13.99	/	/	<=38.45	Pass
		Inner_1RB_Right	20.67	/	/	13.99	/	/	<=38.45	Pass
	826.5	Edge_1RB_Left	20.83	/	/	14.15	/	/	<=38.45	Pass
		Edge_1RB_Right	20.77	/	/	14.09	/	/	<=38.45	Pass
		Outer_Full	20.89	/	/	14.21	/	/	<=38.45	Pass
		Inner_Full	20.82	/	/	14.14	/	/	<=38.45	Pass
		Inner_1RB_Left	20.82	/	/	14.14	/	/	<=38.45	Pass
		Inner_1RB_Right	20.80	/	/	14.12	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	20.55	/	/	13.87	/	/	<=38.45	Pass
		Edge_1RB_Right	20.59	/	/	13.91	/	/	<=38.45	Pass
		Outer_Full	20.57	/	/	13.89	/	/	<=38.45	Pass
		Inner_Full	20.59	/	/	13.91	/	/	<=38.45	Pass
		Inner_1RB_Left	20.56	/	/	13.88	/	/	<=38.45	Pass
		Inner_1RB_Right	20.59	/	/	13.91	/	/	<=38.45	Pass
CP-OFDM 256 QAM	836.5	Edge_1RB_Left	17.76	/	/	11.08	/	/	<=38.45	Pass
		Edge_1RB_Right	17.73	/	/	11.05	/	/	<=38.45	Pass
		Outer_Full	17.72	/	/	11.04	/	/	<=38.45	Pass
		Inner_Full	17.67	/	/	10.99	/	/	<=38.45	Pass
		Inner_1RB_Left	17.71	/	/	11.03	/	/	<=38.45	Pass
		Inner_1RB_Right	17.73	/	/	11.05	/	/	<=38.45	Pass
	826.5	Edge_1RB_Left	17.86	/	/	11.18	/	/	<=38.45	Pass
		Edge_1RB_Right	17.79	/	/	11.11	/	/	<=38.45	Pass
		Outer_Full	17.84	/	/	11.16	/	/	<=38.45	Pass
		Inner_Full	17.86	/	/	11.18	/	/	<=38.45	Pass
		Inner_1RB_Left	17.89	/	/	11.21	/	/	<=38.45	Pass
		Inner_1RB_Right	17.83	/	/	11.15	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	17.60	/	/	10.92	/	/	<=38.45	Pass
		Edge_1RB_Right	17.62	/	/	10.94	/	/	<=38.45	Pass
		Outer_Full	17.56	/	/	10.88	/	/	<=38.45	Pass
		Inner_Full	17.55	/	/	10.87	/	/	<=38.45	Pass
		Inner_1RB_Left	17.64	/	/	10.96	/	/	<=38.45	Pass
		Inner_1RB_Right	17.55	/	/	10.87	/	/	<=38.45	Pass
Note1: Antenna Gain: Ant13: -4.53dBi;										
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
			Ant13	Ant2	Sum	Ant13	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	836.5	Edge_1RB_Left	23.63	/	/	16.95	/	/	<=38.45	Pass
		Edge_1RB_Right	23.49	/	/	16.81	/	/	<=38.45	Pass
		Outer_Full	23.58	/	/	16.90	/	/	<=38.45	Pass
		Inner_Full	24.06	/	/	17.38	/	/	<=38.45	Pass
		Inner_1RB_Left	24.09	/	/	17.41	/	/	<=38.45	Pass
		Inner_1RB_Right	23.98	/	/	17.30	/	/	<=38.45	Pass
	829	Edge_1RB_Left	23.65	/	/	16.97	/	/	<=38.45	Pass
		Edge_1RB_Right	23.57	/	/	16.89	/	/	<=38.45	Pass
		Outer_Full	23.60	/	/	16.92	/	/	<=38.45	Pass
		Inner_Full	24.13	/	/	17.45	/	/	<=38.45	Pass
		Inner_1RB_Left	24.13	/	/	17.45	/	/	<=38.45	Pass
		Inner_1RB_Right	24.01	/	/	17.33	/	/	<=38.45	Pass
	844	Edge_1RB_Left	23.43	/	/	16.75	/	/	<=38.45	Pass
		Edge_1RB_Right	23.41	/	/	16.73	/	/	<=38.45	Pass
		Outer_Full	23.42	/	/	16.74	/	/	<=38.45	Pass
		Inner_Full	23.96	/	/	17.28	/	/	<=38.45	Pass
		Inner_1RB_Left	23.95	/	/	17.27	/	/	<=38.45	Pass
		Inner_1RB_Right	23.91	/	/	17.23	/	/	<=38.45	Pass
DFT-s-OFDM QPSK	836.5	Edge_1RB_Left	23.07	/	/	16.39	/	/	<=38.45	Pass
		Edge_1RB_Right	22.98	/	/	16.30	/	/	<=38.45	Pass
		Outer_Full	23.13	/	/	16.45	/	/	<=38.45	Pass
		Inner_Full	24.10	/	/	17.42	/	/	<=38.45	Pass
		Inner_1RB_Left	23.99	/	/	17.31	/	/	<=38.45	Pass
		Inner_1RB_Right	23.93	/	/	17.25	/	/	<=38.45	Pass
	829	Edge_1RB_Left	23.20	/	/	16.52	/	/	<=38.45	Pass
		Edge_1RB_Right	23.05	/	/	16.37	/	/	<=38.45	Pass
		Outer_Full	23.26	/	/	16.58	/	/	<=38.45	Pass
		Inner_Full	24.16	/	/	17.48	/	/	<=38.45	Pass
		Inner_1RB_Left	24.06	/	/	17.38	/	/	<=38.45	Pass
		Inner_1RB_Right	23.93	/	/	17.25	/	/	<=38.45	Pass
	844	Edge_1RB_Left	22.95	/	/	16.27	/	/	<=38.45	Pass
		Edge_1RB_Right	22.88	/	/	16.20	/	/	<=38.45	Pass
		Outer_Full	22.94	/	/	16.26	/	/	<=38.45	Pass
		Inner_Full	23.98	/	/	17.30	/	/	<=38.45	Pass
		Inner_1RB_Left	23.86	/	/	17.18	/	/	<=38.45	Pass
		Inner_1RB_Right	23.74	/	/	17.06	/	/	<=38.45	Pass
DFT-s-OFDM 16 QAM	836.5	Edge_1RB_Left	22.34	/	/	15.66	/	/	<=38.45	Pass
		Edge_1RB_Right	22.20	/	/	15.52	/	/	<=38.45	Pass
		Outer_Full	22.18	/	/	15.50	/	/	<=38.45	Pass
		Inner_Full	23.19	/	/	16.51	/	/	<=38.45	Pass
		Inner_1RB_Left	23.43	/	/	16.75	/	/	<=38.45	Pass
		Inner_1RB_Right	23.20	/	/	16.52	/	/	<=38.45	Pass
	829	Edge_1RB_Left	22.39	/	/	15.71	/	/	<=38.45	Pass
		Edge_1RB_Right	22.32	/	/	15.64	/	/	<=38.45	Pass
		Outer_Full	22.25	/	/	15.57	/	/	<=38.45	Pass
		Inner_Full	23.30	/	/	16.62	/	/	<=38.45	Pass
		Inner_1RB_Left	23.35	/	/	16.67	/	/	<=38.45	Pass
		Inner_1RB_Right	23.40	/	/	16.72	/	/	<=38.45	Pass
	844	Edge_1RB_Left	22.11	/	/	15.43	/	/	<=38.45	Pass
		Edge_1RB_Right	22.07	/	/	15.39	/	/	<=38.45	Pass
		Outer_Full	22.03	/	/	15.35	/	/	<=38.45	Pass
		Inner_Full	23.01	/	/	16.33	/	/	<=38.45	Pass
		Inner_1RB_Left	23.17	/	/	16.49	/	/	<=38.45	Pass
		Inner_1RB_Right	23.19	/	/	16.51	/	/	<=38.45	Pass
DFT-s-OFDM 64 QAM	836.5	Edge_1RB_Left	21.89	/	/	15.21	/	/	<=38.45	Pass
		Edge_1RB_Right	21.68	/	/	15.00	/	/	<=38.45	Pass

		Outer_Full	21.68	/	/	15.00	/	/	<=38.45	Pass
		Inner_Full	21.73	/	/	15.05	/	/	<=38.45	Pass
		Inner_1RB_Left	21.86	/	/	15.18	/	/	<=38.45	Pass
		Inner_1RB_Right	21.77	/	/	15.09	/	/	<=38.45	Pass
	829	Edge_1RB_Left	21.99	/	/	15.31	/	/	<=38.45	Pass
		Edge_1RB_Right	21.73	/	/	15.05	/	/	<=38.45	Pass
		Outer_Full	21.76	/	/	15.08	/	/	<=38.45	Pass
		Inner_Full	21.88	/	/	15.20	/	/	<=38.45	Pass
		Inner_1RB_Left	22.00	/	/	15.32	/	/	<=38.45	Pass
		Inner_1RB_Right	21.87	/	/	15.19	/	/	<=38.45	Pass
	844	Edge_1RB_Left	21.63	/	/	14.95	/	/	<=38.45	Pass
		Edge_1RB_Right	21.72	/	/	15.04	/	/	<=38.45	Pass
		Outer_Full	21.52	/	/	14.84	/	/	<=38.45	Pass
		Inner_Full	21.57	/	/	14.89	/	/	<=38.45	Pass
		Inner_1RB_Left	21.74	/	/	15.06	/	/	<=38.45	Pass
		Inner_1RB_Right	21.56	/	/	14.88	/	/	<=38.45	Pass
DFT-s-OFDM 256 QAM	836.5	Edge_1RB_Left	19.76	/	/	13.08	/	/	<=38.45	Pass
		Edge_1RB_Right	19.59	/	/	12.91	/	/	<=38.45	Pass
		Outer_Full	19.63	/	/	12.95	/	/	<=38.45	Pass
		Inner_Full	19.65	/	/	12.97	/	/	<=38.45	Pass
		Inner_1RB_Left	19.70	/	/	13.02	/	/	<=38.45	Pass
		Inner_1RB_Right	19.60	/	/	12.92	/	/	<=38.45	Pass
	829	Edge_1RB_Left	19.82	/	/	13.14	/	/	<=38.45	Pass
		Edge_1RB_Right	19.66	/	/	12.98	/	/	<=38.45	Pass
		Outer_Full	19.73	/	/	13.05	/	/	<=38.45	Pass
		Inner_Full	19.74	/	/	13.06	/	/	<=38.45	Pass
		Inner_1RB_Left	19.75	/	/	13.07	/	/	<=38.45	Pass
		Inner_1RB_Right	19.68	/	/	13.00	/	/	<=38.45	Pass
	844	Edge_1RB_Left	19.51	/	/	12.83	/	/	<=38.45	Pass
		Edge_1RB_Right	19.46	/	/	12.78	/	/	<=38.45	Pass
		Outer_Full	19.47	/	/	12.79	/	/	<=38.45	Pass
		Inner_Full	19.49	/	/	12.81	/	/	<=38.45	Pass
		Inner_1RB_Left	19.45	/	/	12.77	/	/	<=38.45	Pass
		Inner_1RB_Right	19.44	/	/	12.76	/	/	<=38.45	Pass
CP-OFDM QPSK	836.5	Edge_1RB_Left	21.08	/	/	14.40	/	/	<=38.45	Pass
		Edge_1RB_Right	20.97	/	/	14.29	/	/	<=38.45	Pass
		Outer_Full	21.12	/	/	14.44	/	/	<=38.45	Pass
		Inner_Full	22.64	/	/	15.96	/	/	<=38.45	Pass
		Inner_1RB_Left	22.61	/	/	15.93	/	/	<=38.45	Pass
		Inner_1RB_Right	22.40	/	/	15.72	/	/	<=38.45	Pass
	829	Edge_1RB_Left	21.23	/	/	14.55	/	/	<=38.45	Pass
		Edge_1RB_Right	21.10	/	/	14.42	/	/	<=38.45	Pass
		Outer_Full	21.25	/	/	14.57	/	/	<=38.45	Pass
		Inner_Full	22.69	/	/	16.01	/	/	<=38.45	Pass
		Inner_1RB_Left	22.61	/	/	15.93	/	/	<=38.45	Pass
		Inner_1RB_Right	22.51	/	/	15.83	/	/	<=38.45	Pass
	844	Edge_1RB_Left	20.93	/	/	14.25	/	/	<=38.45	Pass
		Edge_1RB_Right	20.86	/	/	14.18	/	/	<=38.45	Pass
		Outer_Full	20.97	/	/	14.29	/	/	<=38.45	Pass
		Inner_Full	22.43	/	/	15.75	/	/	<=38.45	Pass
		Inner_1RB_Left	22.36	/	/	15.68	/	/	<=38.45	Pass
		Inner_1RB_Right	22.27	/	/	15.59	/	/	<=38.45	Pass
CP-OFDM 16 QAM	836.5	Edge_1RB_Left	21.28	/	/	14.60	/	/	<=38.45	Pass
		Edge_1RB_Right	21.20	/	/	14.52	/	/	<=38.45	Pass
		Outer_Full	21.19	/	/	14.51	/	/	<=38.45	Pass
		Inner_Full	22.14	/	/	15.46	/	/	<=38.45	Pass
		Inner_1RB_Left	22.20	/	/	15.52	/	/	<=38.45	Pass
		Inner_1RB_Right	22.14	/	/	15.46	/	/	<=38.45	Pass
	829	Edge_1RB_Left	21.37	/	/	14.69	/	/	<=38.45	Pass

		Edge_1RB_Right	21.24	/	/	14.56	/	/	<=38.45	Pass
		Outer_Full	21.31	/	/	14.63	/	/	<=38.45	Pass
		Inner_Full	22.23	/	/	15.55	/	/	<=38.45	Pass
		Inner_1RB_Left	22.32	/	/	15.64	/	/	<=38.45	Pass
		Inner_1RB_Right	22.18	/	/	15.50	/	/	<=38.45	Pass
	844	Edge_1RB_Left	21.14	/	/	14.46	/	/	<=38.45	Pass
		Edge_1RB_Right	21.07	/	/	14.39	/	/	<=38.45	Pass
		Outer_Full	21.06	/	/	14.38	/	/	<=38.45	Pass
		Inner_Full	21.97	/	/	15.29	/	/	<=38.45	Pass
		Inner_1RB_Left	22.09	/	/	15.41	/	/	<=38.45	Pass
		Inner_1RB_Right	21.98	/	/	15.30	/	/	<=38.45	Pass
CP-OFDM 64 QAM	836.5	Edge_1RB_Left	20.75	/	/	14.07	/	/	<=38.45	Pass
		Edge_1RB_Right	20.65	/	/	13.97	/	/	<=38.45	Pass
		Outer_Full	20.71	/	/	14.03	/	/	<=38.45	Pass
		Inner_Full	20.62	/	/	13.94	/	/	<=38.45	Pass
		Inner_1RB_Left	20.69	/	/	14.01	/	/	<=38.45	Pass
		Inner_1RB_Right	20.63	/	/	13.95	/	/	<=38.45	Pass
	829	Edge_1RB_Left	20.84	/	/	14.16	/	/	<=38.45	Pass
		Edge_1RB_Right	20.69	/	/	14.01	/	/	<=38.45	Pass
		Outer_Full	20.78	/	/	14.10	/	/	<=38.45	Pass
		Inner_Full	20.79	/	/	14.11	/	/	<=38.45	Pass
		Inner_1RB_Left	20.82	/	/	14.14	/	/	<=38.45	Pass
		Inner_1RB_Right	20.67	/	/	13.99	/	/	<=38.45	Pass
	844	Edge_1RB_Left	20.56	/	/	13.88	/	/	<=38.45	Pass
		Edge_1RB_Right	20.52	/	/	13.84	/	/	<=38.45	Pass
		Outer_Full	20.53	/	/	13.85	/	/	<=38.45	Pass
		Inner_Full	20.50	/	/	13.82	/	/	<=38.45	Pass
		Inner_1RB_Left	20.57	/	/	13.89	/	/	<=38.45	Pass
		Inner_1RB_Right	20.45	/	/	13.77	/	/	<=38.45	Pass
CP-OFDM 256 QAM	836.5	Edge_1RB_Left	17.76	/	/	11.08	/	/	<=38.45	Pass
		Edge_1RB_Right	17.73	/	/	11.05	/	/	<=38.45	Pass
		Outer_Full	17.66	/	/	10.98	/	/	<=38.45	Pass
		Inner_Full	17.70	/	/	11.02	/	/	<=38.45	Pass
		Inner_1RB_Left	17.75	/	/	11.07	/	/	<=38.45	Pass
		Inner_1RB_Right	17.70	/	/	11.02	/	/	<=38.45	Pass
	829	Edge_1RB_Left	17.93	/	/	11.25	/	/	<=38.45	Pass
		Edge_1RB_Right	17.78	/	/	11.10	/	/	<=38.45	Pass
		Outer_Full	17.76	/	/	11.08	/	/	<=38.45	Pass
		Inner_Full	17.79	/	/	11.11	/	/	<=38.45	Pass
		Inner_1RB_Left	17.92	/	/	11.24	/	/	<=38.45	Pass
		Inner_1RB_Right	17.74	/	/	11.06	/	/	<=38.45	Pass
	844	Edge_1RB_Left	17.64	/	/	10.96	/	/	<=38.45	Pass
		Edge_1RB_Right	17.58	/	/	10.90	/	/	<=38.45	Pass
		Outer_Full	17.50	/	/	10.82	/	/	<=38.45	Pass
Inner_Full		17.50	/	/	10.82	/	/	<=38.45	Pass	
Inner_1RB_Left		17.62	/	/	10.94	/	/	<=38.45	Pass	
		Inner_1RB_Right	17.51	/	/	10.83	/	/	<=38.45	Pass
Note1: Antenna Gain: Ant13: -4.53dBi;										
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
			Ant13	Ant2	Sum	Ant13	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	836.5	Edge_1RB_Left	23.66	/	/	16.98	/	/	<=38.45	Pass
		Edge_1RB_Right	23.50	/	/	16.82	/	/	<=38.45	Pass
		Outer_Full	23.60	/	/	16.92	/	/	<=38.45	Pass

		Inner_Full	24.06	/	/	17.38	/	/	<=38.45	Pass
		Inner_1RB_Left	24.16	/	/	17.48	/	/	<=38.45	Pass
		Inner_1RB_Right	23.95	/	/	17.27	/	/	<=38.45	Pass
	831.5	Edge_1RB_Left	23.68	/	/	17.00	/	/	<=38.45	Pass
		Edge_1RB_Right	23.58	/	/	16.90	/	/	<=38.45	Pass
		Outer_Full	23.65	/	/	16.97	/	/	<=38.45	Pass
		Inner_Full	24.08	/	/	17.40	/	/	<=38.45	Pass
		Inner_1RB_Left	24.14	/	/	17.46	/	/	<=38.45	Pass
		Inner_1RB_Right	24.05	/	/	17.37	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	23.62	/	/	16.94	/	/	<=38.45	Pass
		Edge_1RB_Right	23.43	/	/	16.75	/	/	<=38.45	Pass
		Outer_Full	23.51	/	/	16.83	/	/	<=38.45	Pass
		Inner_Full	23.99	/	/	17.31	/	/	<=38.45	Pass
		Inner_1RB_Left	24.06	/	/	17.38	/	/	<=38.45	Pass
		Inner_1RB_Right	23.93	/	/	17.25	/	/	<=38.45	Pass
DFT-s-OFDM QPSK	836.5	Edge_1RB_Left	23.17	/	/	16.49	/	/	<=38.45	Pass
		Edge_1RB_Right	23.04	/	/	16.36	/	/	<=38.45	Pass
		Outer_Full	23.19	/	/	16.51	/	/	<=38.45	Pass
		Inner_Full	24.09	/	/	17.41	/	/	<=38.45	Pass
		Inner_1RB_Left	24.06	/	/	17.38	/	/	<=38.45	Pass
		Inner_1RB_Right	23.93	/	/	17.25	/	/	<=38.45	Pass
	831.5	Edge_1RB_Left	23.21	/	/	16.53	/	/	<=38.45	Pass
		Edge_1RB_Right	23.05	/	/	16.37	/	/	<=38.45	Pass
		Outer_Full	23.25	/	/	16.57	/	/	<=38.45	Pass
		Inner_Full	24.14	/	/	17.46	/	/	<=38.45	Pass
		Inner_1RB_Left	24.07	/	/	17.39	/	/	<=38.45	Pass
		Inner_1RB_Right	23.98	/	/	17.30	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	23.09	/	/	16.41	/	/	<=38.45	Pass
		Edge_1RB_Right	22.93	/	/	16.25	/	/	<=38.45	Pass
		Outer_Full	23.08	/	/	16.40	/	/	<=38.45	Pass
		Inner_Full	23.97	/	/	17.29	/	/	<=38.45	Pass
		Inner_1RB_Left	23.97	/	/	17.29	/	/	<=38.45	Pass
		Inner_1RB_Right	23.89	/	/	17.21	/	/	<=38.45	Pass
DFT-s-OFDM 16 QAM	836.5	Edge_1RB_Left	22.48	/	/	15.80	/	/	<=38.45	Pass
		Edge_1RB_Right	22.18	/	/	15.50	/	/	<=38.45	Pass
		Outer_Full	22.19	/	/	15.51	/	/	<=38.45	Pass
		Inner_Full	23.25	/	/	16.57	/	/	<=38.45	Pass
		Inner_1RB_Left	23.49	/	/	16.81	/	/	<=38.45	Pass
		Inner_1RB_Right	23.21	/	/	16.53	/	/	<=38.45	Pass
	831.5	Edge_1RB_Left	22.45	/	/	15.77	/	/	<=38.45	Pass
		Edge_1RB_Right	22.23	/	/	15.55	/	/	<=38.45	Pass
		Outer_Full	22.27	/	/	15.59	/	/	<=38.45	Pass
		Inner_Full	23.26	/	/	16.58	/	/	<=38.45	Pass
		Inner_1RB_Left	23.35	/	/	16.67	/	/	<=38.45	Pass
		Inner_1RB_Right	23.26	/	/	16.58	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	22.29	/	/	15.61	/	/	<=38.45	Pass
		Edge_1RB_Right	22.16	/	/	15.48	/	/	<=38.45	Pass
		Outer_Full	22.07	/	/	15.39	/	/	<=38.45	Pass
		Inner_Full	23.11	/	/	16.43	/	/	<=38.45	Pass
		Inner_1RB_Left	23.33	/	/	16.65	/	/	<=38.45	Pass
		Inner_1RB_Right	23.24	/	/	16.56	/	/	<=38.45	Pass
DFT-s-OFDM 64 QAM	836.5	Edge_1RB_Left	21.98	/	/	15.30	/	/	<=38.45	Pass
		Edge_1RB_Right	21.80	/	/	15.12	/	/	<=38.45	Pass
		Outer_Full	21.71	/	/	15.03	/	/	<=38.45	Pass
		Inner_Full	21.73	/	/	15.05	/	/	<=38.45	Pass
		Inner_1RB_Left	22.06	/	/	15.38	/	/	<=38.45	Pass
		Inner_1RB_Right	21.76	/	/	15.08	/	/	<=38.45	Pass
	831.5	Edge_1RB_Left	22.03	/	/	15.35	/	/	<=38.45	Pass
		Edge_1RB_Right	21.82	/	/	15.14	/	/	<=38.45	Pass

		Outer_Full	21.74	/	/	15.06	/	/	<=38.45	Pass
		Inner_Full	21.77	/	/	15.09	/	/	<=38.45	Pass
		Inner_1RB_Left	22.02	/	/	15.34	/	/	<=38.45	Pass
		Inner_1RB_Right	21.83	/	/	15.15	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	21.89	/	/	15.21	/	/	<=38.45	Pass
		Edge_1RB_Right	21.77	/	/	15.09	/	/	<=38.45	Pass
		Outer_Full	21.63	/	/	14.95	/	/	<=38.45	Pass
		Inner_Full	21.62	/	/	14.94	/	/	<=38.45	Pass
		Inner_1RB_Left	21.76	/	/	15.08	/	/	<=38.45	Pass
		Inner_1RB_Right	21.74	/	/	15.06	/	/	<=38.45	Pass
DFT-s-OFDM 256 QAM	836.5	Edge_1RB_Left	19.78	/	/	13.10	/	/	<=38.45	Pass
		Edge_1RB_Right	19.55	/	/	12.87	/	/	<=38.45	Pass
		Outer_Full	19.65	/	/	12.97	/	/	<=38.45	Pass
		Inner_Full	19.67	/	/	12.99	/	/	<=38.45	Pass
		Inner_1RB_Left	19.81	/	/	13.13	/	/	<=38.45	Pass
		Inner_1RB_Right	19.58	/	/	12.90	/	/	<=38.45	Pass
	831.5	Edge_1RB_Left	19.77	/	/	13.09	/	/	<=38.45	Pass
		Edge_1RB_Right	19.58	/	/	12.90	/	/	<=38.45	Pass
		Outer_Full	19.71	/	/	13.03	/	/	<=38.45	Pass
		Inner_Full	19.75	/	/	13.07	/	/	<=38.45	Pass
		Inner_1RB_Left	19.81	/	/	13.13	/	/	<=38.45	Pass
		Inner_1RB_Right	19.56	/	/	12.88	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	19.60	/	/	12.92	/	/	<=38.45	Pass
		Edge_1RB_Right	19.50	/	/	12.82	/	/	<=38.45	Pass
		Outer_Full	19.58	/	/	12.90	/	/	<=38.45	Pass
		Inner_Full	19.55	/	/	12.87	/	/	<=38.45	Pass
		Inner_1RB_Left	19.66	/	/	12.98	/	/	<=38.45	Pass
		Inner_1RB_Right	19.48	/	/	12.80	/	/	<=38.45	Pass
CP-OFDM QPSK	836.5	Edge_1RB_Left	21.23	/	/	14.55	/	/	<=38.45	Pass
		Edge_1RB_Right	20.96	/	/	14.28	/	/	<=38.45	Pass
		Outer_Full	21.22	/	/	14.54	/	/	<=38.45	Pass
		Inner_Full	22.67	/	/	15.99	/	/	<=38.45	Pass
		Inner_1RB_Left	22.69	/	/	16.01	/	/	<=38.45	Pass
		Inner_1RB_Right	22.43	/	/	15.75	/	/	<=38.45	Pass
	831.5	Edge_1RB_Left	21.24	/	/	14.56	/	/	<=38.45	Pass
		Edge_1RB_Right	21.02	/	/	14.34	/	/	<=38.45	Pass
		Outer_Full	21.28	/	/	14.60	/	/	<=38.45	Pass
		Inner_Full	22.71	/	/	16.03	/	/	<=38.45	Pass
		Inner_1RB_Left	22.64	/	/	15.96	/	/	<=38.45	Pass
		Inner_1RB_Right	22.48	/	/	15.80	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	21.08	/	/	14.40	/	/	<=38.45	Pass
		Edge_1RB_Right	20.88	/	/	14.20	/	/	<=38.45	Pass
		Outer_Full	21.13	/	/	14.45	/	/	<=38.45	Pass
		Inner_Full	22.55	/	/	15.87	/	/	<=38.45	Pass
		Inner_1RB_Left	22.49	/	/	15.81	/	/	<=38.45	Pass
		Inner_1RB_Right	22.37	/	/	15.69	/	/	<=38.45	Pass
CP-OFDM 16 QAM	836.5	Edge_1RB_Left	21.39	/	/	14.71	/	/	<=38.45	Pass
		Edge_1RB_Right	21.18	/	/	14.50	/	/	<=38.45	Pass
		Outer_Full	21.20	/	/	14.52	/	/	<=38.45	Pass
		Inner_Full	22.19	/	/	15.51	/	/	<=38.45	Pass
		Inner_1RB_Left	22.30	/	/	15.62	/	/	<=38.45	Pass
		Inner_1RB_Right	22.15	/	/	15.47	/	/	<=38.45	Pass
	831.5	Edge_1RB_Left	21.40	/	/	14.72	/	/	<=38.45	Pass
		Edge_1RB_Right	21.23	/	/	14.55	/	/	<=38.45	Pass
		Outer_Full	21.25	/	/	14.57	/	/	<=38.45	Pass
		Inner_Full	22.22	/	/	15.54	/	/	<=38.45	Pass
		Inner_1RB_Left	22.36	/	/	15.68	/	/	<=38.45	Pass
		Inner_1RB_Right	22.18	/	/	15.50	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	21.23	/	/	14.55	/	/	<=38.45	Pass

		Edge_1RB_Right	21.06	/	/	14.38	/	/	<=38.45	Pass
		Outer_Full	21.08	/	/	14.40	/	/	<=38.45	Pass
		Inner_Full	22.13	/	/	15.45	/	/	<=38.45	Pass
		Inner_1RB_Left	22.16	/	/	15.48	/	/	<=38.45	Pass
		Inner_1RB_Right	22.08	/	/	15.40	/	/	<=38.45	Pass
CP-OFDM 64 QAM	836.5	Edge_1RB_Left	20.86	/	/	14.18	/	/	<=38.45	Pass
		Edge_1RB_Right	20.68	/	/	14.00	/	/	<=38.45	Pass
		Outer_Full	20.72	/	/	14.04	/	/	<=38.45	Pass
		Inner_Full	20.72	/	/	14.04	/	/	<=38.45	Pass
		Inner_1RB_Left	20.82	/	/	14.14	/	/	<=38.45	Pass
		Inner_1RB_Right	20.68	/	/	14.00	/	/	<=38.45	Pass
	831.5	Edge_1RB_Left	20.84	/	/	14.16	/	/	<=38.45	Pass
		Edge_1RB_Right	20.68	/	/	14.00	/	/	<=38.45	Pass
		Outer_Full	20.79	/	/	14.11	/	/	<=38.45	Pass
		Inner_Full	20.76	/	/	14.08	/	/	<=38.45	Pass
		Inner_1RB_Left	20.87	/	/	14.19	/	/	<=38.45	Pass
		Inner_1RB_Right	20.68	/	/	14.00	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	20.72	/	/	14.04	/	/	<=38.45	Pass
		Edge_1RB_Right	20.55	/	/	13.87	/	/	<=38.45	Pass
		Outer_Full	20.61	/	/	13.93	/	/	<=38.45	Pass
		Inner_Full	20.62	/	/	13.94	/	/	<=38.45	Pass
		Inner_1RB_Left	20.65	/	/	13.97	/	/	<=38.45	Pass
		Inner_1RB_Right	20.56	/	/	13.88	/	/	<=38.45	Pass
CP-OFDM 256 QAM	836.5	Edge_1RB_Left	17.88	/	/	11.20	/	/	<=38.45	Pass
		Edge_1RB_Right	17.69	/	/	11.01	/	/	<=38.45	Pass
		Outer_Full	17.64	/	/	10.96	/	/	<=38.45	Pass
		Inner_Full	17.70	/	/	11.02	/	/	<=38.45	Pass
		Inner_1RB_Left	17.83	/	/	11.15	/	/	<=38.45	Pass
		Inner_1RB_Right	17.70	/	/	11.02	/	/	<=38.45	Pass
	831.5	Edge_1RB_Left	17.92	/	/	11.24	/	/	<=38.45	Pass
		Edge_1RB_Right	17.73	/	/	11.05	/	/	<=38.45	Pass
		Outer_Full	17.73	/	/	11.05	/	/	<=38.45	Pass
		Inner_Full	17.74	/	/	11.06	/	/	<=38.45	Pass
		Inner_1RB_Left	17.91	/	/	11.23	/	/	<=38.45	Pass
		Inner_1RB_Right	17.73	/	/	11.05	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	17.74	/	/	11.06	/	/	<=38.45	Pass
		Edge_1RB_Right	17.65	/	/	10.97	/	/	<=38.45	Pass
		Outer_Full	17.54	/	/	10.86	/	/	<=38.45	Pass
		Inner_Full	17.58	/	/	10.90	/	/	<=38.45	Pass
		Inner_1RB_Left	17.71	/	/	11.03	/	/	<=38.45	Pass
		Inner_1RB_Right	17.64	/	/	10.96	/	/	<=38.45	Pass
Note1: Antenna Gain: Ant13: -4.53dBi;										
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
			Ant13	Ant2	Sum	Ant13	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	836.5	Edge_1RB_Left	23.71	/	/	17.03	/	/	<=38.45	Pass
		Edge_1RB_Right	23.51	/	/	16.83	/	/	<=38.45	Pass
		Outer_Full	23.60	/	/	16.92	/	/	<=38.45	Pass
		Inner_Full	24.12	/	/	17.44	/	/	<=38.45	Pass
		Inner_1RB_Left	24.21	/	/	17.53	/	/	<=38.45	Pass
		Inner_1RB_Right	23.97	/	/	17.29	/	/	<=38.45	Pass
	834	Edge_1RB_Left	23.64	/	/	16.96	/	/	<=38.45	Pass
		Edge_1RB_Right	23.48	/	/	16.80	/	/	<=38.45	Pass
		Outer_Full	23.56	/	/	16.88	/	/	<=38.45	Pass

		Inner_Full	24.09	/	/	17.41	/	/	<=38.45	Pass
		Inner_1RB_Left	24.12	/	/	17.44	/	/	<=38.45	Pass
		Inner_1RB_Right	23.92	/	/	17.24	/	/	<=38.45	Pass
	839	Edge_1RB_Left	23.67	/	/	16.99	/	/	<=38.45	Pass
		Edge_1RB_Right	23.49	/	/	16.81	/	/	<=38.45	Pass
		Outer_Full	23.56	/	/	16.88	/	/	<=38.45	Pass
		Inner_Full	24.07	/	/	17.39	/	/	<=38.45	Pass
		Inner_1RB_Left	24.14	/	/	17.46	/	/	<=38.45	Pass
		Inner_1RB_Right	24.00	/	/	17.32	/	/	<=38.45	Pass
DFT-s-OFDM QPSK	836.5	Edge_1RB_Left	23.22	/	/	16.54	/	/	<=38.45	Pass
		Edge_1RB_Right	23.01	/	/	16.33	/	/	<=38.45	Pass
		Outer_Full	23.20	/	/	16.52	/	/	<=38.45	Pass
		Inner_Full	24.11	/	/	17.43	/	/	<=38.45	Pass
		Inner_1RB_Left	24.06	/	/	17.38	/	/	<=38.45	Pass
		Inner_1RB_Right	23.88	/	/	17.20	/	/	<=38.45	Pass
	834	Edge_1RB_Left	23.18	/	/	16.50	/	/	<=38.45	Pass
		Edge_1RB_Right	22.98	/	/	16.30	/	/	<=38.45	Pass
		Outer_Full	23.15	/	/	16.47	/	/	<=38.45	Pass
		Inner_Full	24.11	/	/	17.43	/	/	<=38.45	Pass
		Inner_1RB_Left	24.07	/	/	17.39	/	/	<=38.45	Pass
		Inner_1RB_Right	23.88	/	/	17.20	/	/	<=38.45	Pass
	839	Edge_1RB_Left	23.21	/	/	16.53	/	/	<=38.45	Pass
		Edge_1RB_Right	23.00	/	/	16.32	/	/	<=38.45	Pass
		Outer_Full	23.17	/	/	16.49	/	/	<=38.45	Pass
		Inner_Full	24.10	/	/	17.42	/	/	<=38.45	Pass
		Inner_1RB_Left	24.05	/	/	17.37	/	/	<=38.45	Pass
		Inner_1RB_Right	23.88	/	/	17.20	/	/	<=38.45	Pass
DFT-s-OFDM 16 QAM	836.5	Edge_1RB_Left	22.47	/	/	15.79	/	/	<=38.45	Pass
		Edge_1RB_Right	22.19	/	/	15.51	/	/	<=38.45	Pass
		Outer_Full	22.20	/	/	15.52	/	/	<=38.45	Pass
		Inner_Full	23.21	/	/	16.53	/	/	<=38.45	Pass
		Inner_1RB_Left	23.54	/	/	16.86	/	/	<=38.45	Pass
		Inner_1RB_Right	23.26	/	/	16.58	/	/	<=38.45	Pass
	834	Edge_1RB_Left	22.43	/	/	15.75	/	/	<=38.45	Pass
		Edge_1RB_Right	22.14	/	/	15.46	/	/	<=38.45	Pass
		Outer_Full	22.18	/	/	15.50	/	/	<=38.45	Pass
		Inner_Full	23.21	/	/	16.53	/	/	<=38.45	Pass
		Inner_1RB_Left	23.43	/	/	16.75	/	/	<=38.45	Pass
		Inner_1RB_Right	23.19	/	/	16.51	/	/	<=38.45	Pass
	839	Edge_1RB_Left	22.45	/	/	15.77	/	/	<=38.45	Pass
		Edge_1RB_Right	22.08	/	/	15.40	/	/	<=38.45	Pass
		Outer_Full	22.18	/	/	15.50	/	/	<=38.45	Pass
		Inner_Full	23.22	/	/	16.54	/	/	<=38.45	Pass
		Inner_1RB_Left	23.52	/	/	16.84	/	/	<=38.45	Pass
		Inner_1RB_Right	23.34	/	/	16.66	/	/	<=38.45	Pass
DFT-s-OFDM 64 QAM	836.5	Edge_1RB_Left	22.10	/	/	15.42	/	/	<=38.45	Pass
		Edge_1RB_Right	21.82	/	/	15.14	/	/	<=38.45	Pass
		Outer_Full	21.70	/	/	15.02	/	/	<=38.45	Pass
		Inner_Full	21.69	/	/	15.01	/	/	<=38.45	Pass
		Inner_1RB_Left	22.07	/	/	15.39	/	/	<=38.45	Pass
		Inner_1RB_Right	21.82	/	/	15.14	/	/	<=38.45	Pass
	834	Edge_1RB_Left	21.98	/	/	15.30	/	/	<=38.45	Pass
		Edge_1RB_Right	21.76	/	/	15.08	/	/	<=38.45	Pass
		Outer_Full	21.67	/	/	14.99	/	/	<=38.45	Pass
		Inner_Full	21.69	/	/	15.01	/	/	<=38.45	Pass
		Inner_1RB_Left	21.99	/	/	15.31	/	/	<=38.45	Pass
		Inner_1RB_Right	21.73	/	/	15.05	/	/	<=38.45	Pass
	839	Edge_1RB_Left	21.93	/	/	15.25	/	/	<=38.45	Pass
		Edge_1RB_Right	21.83	/	/	15.15	/	/	<=38.45	Pass

		Outer_Full	21.69	/	/	15.01	/	/	<=38.45	Pass
		Inner_Full	21.67	/	/	14.99	/	/	<=38.45	Pass
		Inner_1RB_Left	22.03	/	/	15.35	/	/	<=38.45	Pass
		Inner_1RB_Right	21.70	/	/	15.02	/	/	<=38.45	Pass
DFT-s-OFDM 256 QAM	836.5	Edge_1RB_Left	19.85	/	/	13.17	/	/	<=38.45	Pass
		Edge_1RB_Right	19.58	/	/	12.90	/	/	<=38.45	Pass
		Outer_Full	19.66	/	/	12.98	/	/	<=38.45	Pass
		Inner_Full	19.69	/	/	13.01	/	/	<=38.45	Pass
		Inner_1RB_Left	19.84	/	/	13.16	/	/	<=38.45	Pass
		Inner_1RB_Right	19.50	/	/	12.82	/	/	<=38.45	Pass
	834	Edge_1RB_Left	19.76	/	/	13.08	/	/	<=38.45	Pass
		Edge_1RB_Right	19.43	/	/	12.75	/	/	<=38.45	Pass
		Outer_Full	19.64	/	/	12.96	/	/	<=38.45	Pass
		Inner_Full	19.68	/	/	13.00	/	/	<=38.45	Pass
		Inner_1RB_Left	19.68	/	/	13.00	/	/	<=38.45	Pass
		Inner_1RB_Right	19.49	/	/	12.81	/	/	<=38.45	Pass
	839	Edge_1RB_Left	19.79	/	/	13.11	/	/	<=38.45	Pass
		Edge_1RB_Right	19.60	/	/	12.92	/	/	<=38.45	Pass
		Outer_Full	19.67	/	/	12.99	/	/	<=38.45	Pass
		Inner_Full	19.66	/	/	12.98	/	/	<=38.45	Pass
		Inner_1RB_Left	19.73	/	/	13.05	/	/	<=38.45	Pass
		Inner_1RB_Right	19.56	/	/	12.88	/	/	<=38.45	Pass
CP-OFDM QPSK	836.5	Edge_1RB_Left	21.22	/	/	14.54	/	/	<=38.45	Pass
		Edge_1RB_Right	20.98	/	/	14.30	/	/	<=38.45	Pass
		Outer_Full	21.19	/	/	14.51	/	/	<=38.45	Pass
		Inner_Full	22.67	/	/	15.99	/	/	<=38.45	Pass
		Inner_1RB_Left	22.67	/	/	15.99	/	/	<=38.45	Pass
		Inner_1RB_Right	22.40	/	/	15.72	/	/	<=38.45	Pass
	834	Edge_1RB_Left	21.20	/	/	14.52	/	/	<=38.45	Pass
		Edge_1RB_Right	20.96	/	/	14.28	/	/	<=38.45	Pass
		Outer_Full	21.17	/	/	14.49	/	/	<=38.45	Pass
		Inner_Full	22.67	/	/	15.99	/	/	<=38.45	Pass
		Inner_1RB_Left	22.64	/	/	15.96	/	/	<=38.45	Pass
		Inner_1RB_Right	22.32	/	/	15.64	/	/	<=38.45	Pass
	839	Edge_1RB_Left	21.19	/	/	14.51	/	/	<=38.45	Pass
		Edge_1RB_Right	20.94	/	/	14.26	/	/	<=38.45	Pass
		Outer_Full	21.16	/	/	14.48	/	/	<=38.45	Pass
		Inner_Full	22.67	/	/	15.99	/	/	<=38.45	Pass
		Inner_1RB_Left	22.67	/	/	15.99	/	/	<=38.45	Pass
		Inner_1RB_Right	22.40	/	/	15.72	/	/	<=38.45	Pass
CP-OFDM 16 QAM	836.5	Edge_1RB_Left	21.43	/	/	14.75	/	/	<=38.45	Pass
		Edge_1RB_Right	21.19	/	/	14.51	/	/	<=38.45	Pass
		Outer_Full	21.15	/	/	14.47	/	/	<=38.45	Pass
		Inner_Full	22.18	/	/	15.50	/	/	<=38.45	Pass
		Inner_1RB_Left	22.45	/	/	15.77	/	/	<=38.45	Pass
		Inner_1RB_Right	22.11	/	/	15.43	/	/	<=38.45	Pass
	834	Edge_1RB_Left	21.39	/	/	14.71	/	/	<=38.45	Pass
		Edge_1RB_Right	21.18	/	/	14.50	/	/	<=38.45	Pass
		Outer_Full	21.16	/	/	14.48	/	/	<=38.45	Pass
		Inner_Full	22.22	/	/	15.54	/	/	<=38.45	Pass
		Inner_1RB_Left	22.35	/	/	15.67	/	/	<=38.45	Pass
		Inner_1RB_Right	22.05	/	/	15.37	/	/	<=38.45	Pass
	839	Edge_1RB_Left	21.37	/	/	14.69	/	/	<=38.45	Pass
		Edge_1RB_Right	21.15	/	/	14.47	/	/	<=38.45	Pass
		Outer_Full	21.13	/	/	14.45	/	/	<=38.45	Pass
		Inner_Full	22.15	/	/	15.47	/	/	<=38.45	Pass
		Inner_1RB_Left	22.32	/	/	15.64	/	/	<=38.45	Pass
		Inner_1RB_Right	22.02	/	/	15.34	/	/	<=38.45	Pass
CP-OFDM 64 QAM	836.5	Edge_1RB_Left	20.89	/	/	14.21	/	/	<=38.45	Pass

Note1: Antenna Gain: Ant13: -4.53dBi;
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	-4.90	-0.0059	>=-2.5 & <=2.5	Pass
				HV	-5.80	-0.0069	>=-2.5 & <=2.5	Pass
			-30	NV	-6.40	-0.0077	>=-2.5 & <=2.5	Pass
			-20	NV	-5.90	-0.0071	>=-2.5 & <=2.5	Pass
			-10	NV	-6.80	-0.0081	>=-2.5 & <=2.5	Pass
			0	NV	-6.10	-0.0073	>=-2.5 & <=2.5	Pass
			10	NV	-6.50	-0.0078	>=-2.5 & <=2.5	Pass
			20	NV	-4.80	-0.0057	>=-2.5 & <=2.5	Pass
			30	NV	-6.80	-0.0081	>=-2.5 & <=2.5	Pass
			40	NV	-4.80	-0.0057	>=-2.5 & <=2.5	Pass
			50	NV	-6.70	-0.0080	>=-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	4.56	5.02	/	Pass
DFT-s-OFDM QPSK	836.5	Outer_Full	4.55	4.99	/	Pass
DFT-s-OFDM 16 QAM	836.5	Outer_Full	4.54	4.99	/	Pass
DFT-s-OFDM 64 QAM	836.5	Outer_Full	4.56	4.99	/	Pass
DFT-s-OFDM 256 QAM	836.5	Outer_Full	4.53	4.99	/	Pass
CP-OFDM QPSK	836.5	Outer_Full	4.53	4.97	/	Pass
CP-OFDM 16 QAM	836.5	Outer_Full	4.53	4.98	/	Pass
CP-OFDM 64 QAM	836.5	Outer_Full	4.55	5.05	/	Pass
CP-OFDM 256 QAM	836.5	Outer_Full	4.51	4.97	/	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	9.09	9.79	/	Pass
DFT-s-OFDM QPSK	836.5	Outer_Full	9.02	9.68	/	Pass
DFT-s-OFDM 16 QAM	836.5	Outer_Full	9.02	9.69	/	Pass
DFT-s-OFDM 64 QAM	836.5	Outer_Full	9.06	9.76	/	Pass
DFT-s-OFDM 256 QAM	836.5	Outer_Full	9.01	9.70	/	Pass
CP-OFDM QPSK	836.5	Outer_Full	9.35	10.08	/	Pass
CP-OFDM 16 QAM	836.5	Outer_Full	9.38	10.10	/	Pass
CP-OFDM 64 QAM	836.5	Outer_Full	9.38	10.06	/	Pass
CP-OFDM 256 QAM	836.5	Outer_Full	9.37	10.03	/	Pass

3.1.3 15k_SISO_15MHz_NTNV

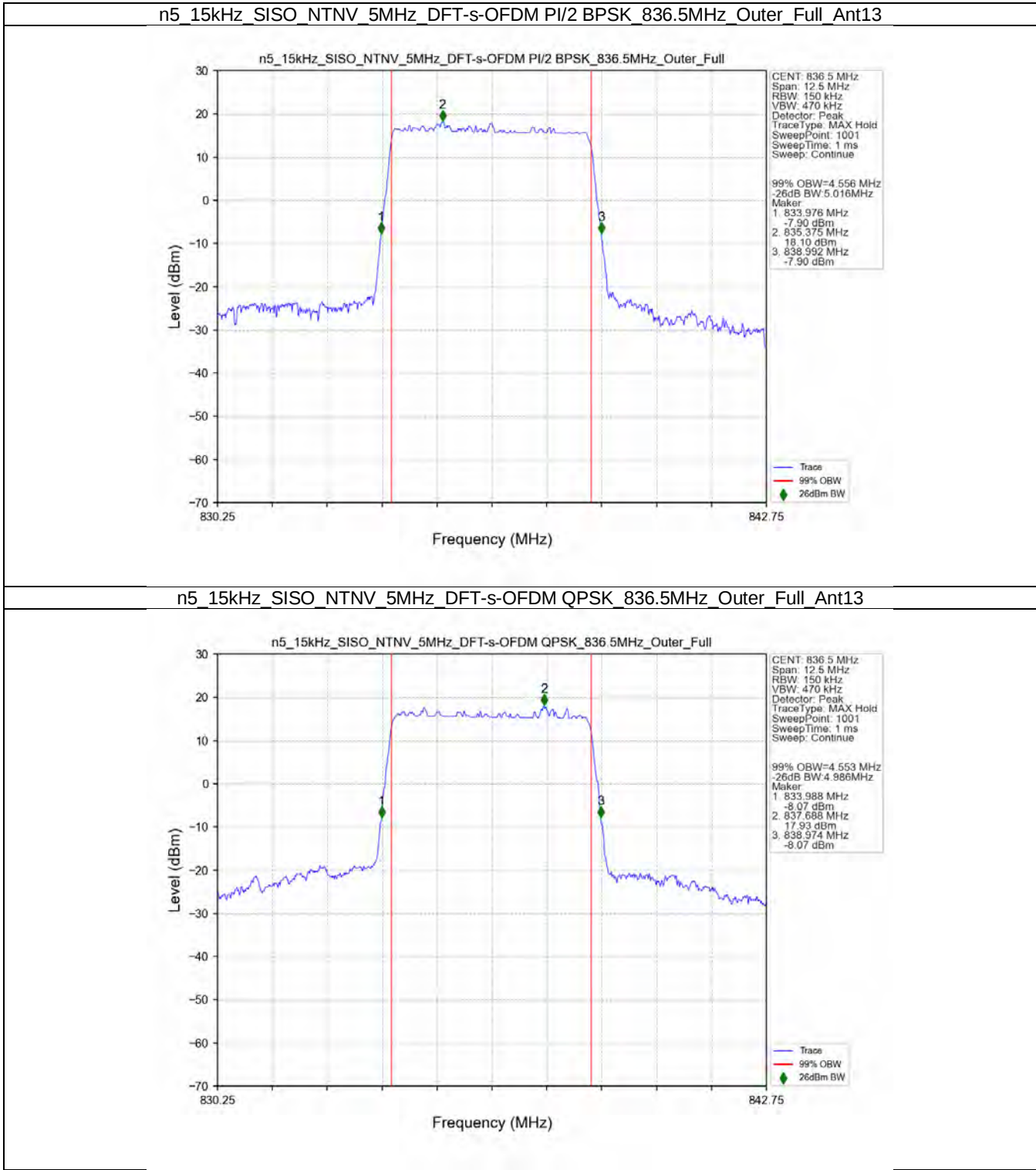
5G NR n5 SCS=15kHz SISO 15MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	836.5	Outer_Full	13.60	14.56	/	Pass
DFT-s-OFDM QPSK	836.5	Outer_Full	13.57	14.57	/	Pass
DFT-s-OFDM 16 QAM	836.5	Outer_Full	13.55	14.61	/	Pass
DFT-s-OFDM 64 QAM	836.5	Outer_Full	13.58	14.61	/	Pass
DFT-s-OFDM 256 QAM	836.5	Outer_Full	13.54	14.54	/	Pass
CP-OFDM QPSK	836.5	Outer_Full	14.23	15.55	/	Pass
CP-OFDM 16 QAM	836.5	Outer_Full	14.31	15.79	/	Pass
CP-OFDM 64 QAM	836.5	Outer_Full	14.28	15.30	/	Pass
CP-OFDM 256 QAM	836.5	Outer_Full	14.25	15.28	/	Pass

3.1.4 15k_SISO_20MHz_NTNV

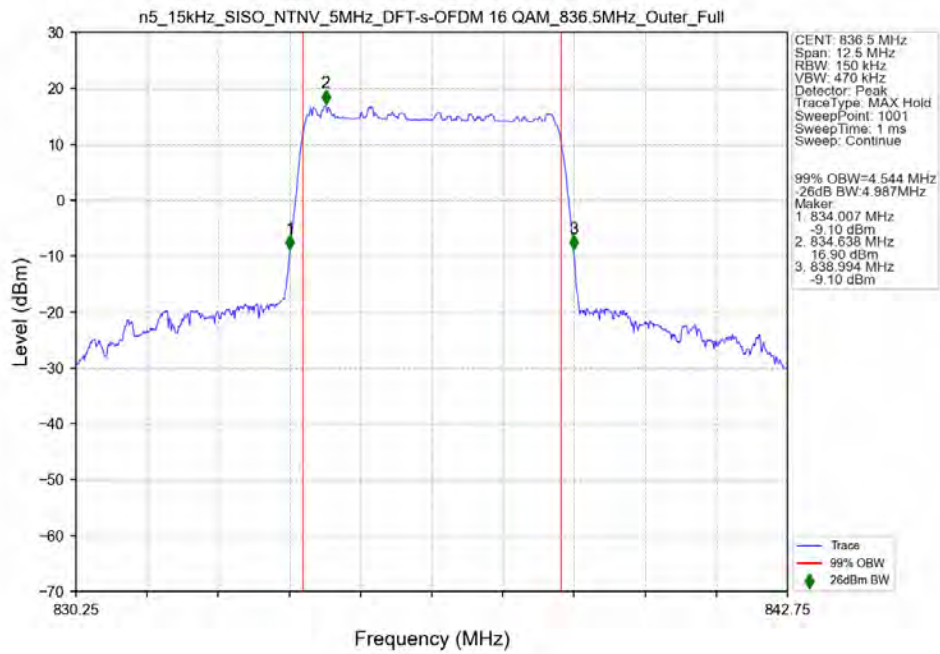
5G NR n5 SCS=15kHz SISO 20MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	836.5	Outer Full	18.11	19.39	/	Pass
DFT-s-OFDM QPSK	836.5	Outer Full	18.10	19.38	/	Pass
DFT-s-OFDM 16 QAM	836.5	Outer Full	18.05	19.40	/	Pass
DFT-s-OFDM 64 QAM	836.5	Outer Full	18.11	19.43	/	Pass
DFT-s-OFDM 256 QAM	836.5	Outer Full	18.03	19.35	/	Pass
CP-OFDM QPSK	836.5	Outer Full	19.12	20.76	/	Pass
CP-OFDM 16 QAM	836.5	Outer Full	19.12	21.94	/	Pass
CP-OFDM 64 QAM	836.5	Outer Full	19.15	20.51	/	Pass
CP-OFDM 256 QAM	836.5	Outer Full	19.05	20.46	/	Pass

3.2 Test Graph

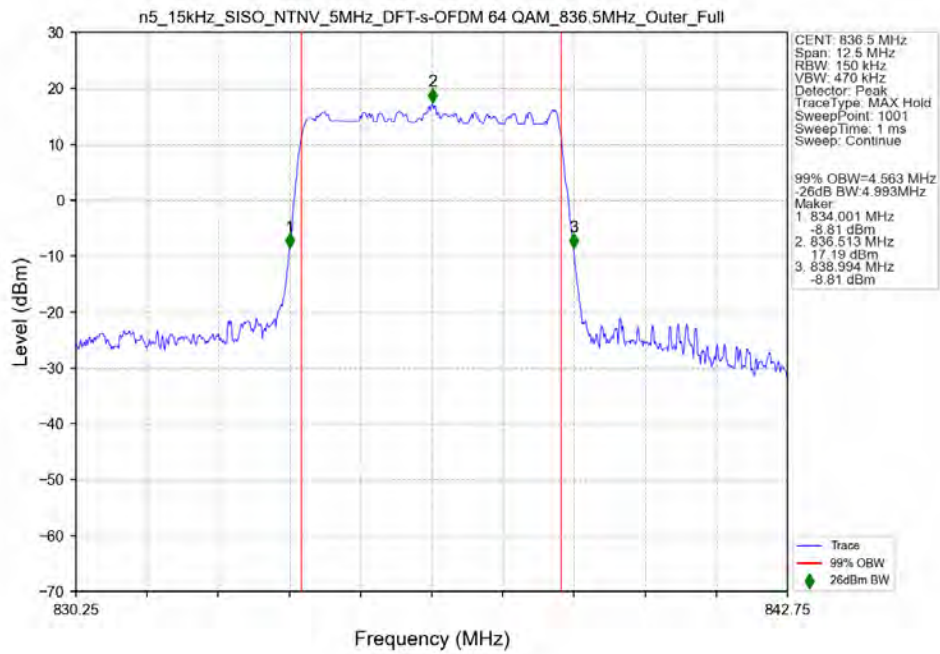
3.2.1 15k_SISO_5MHz_NTNV



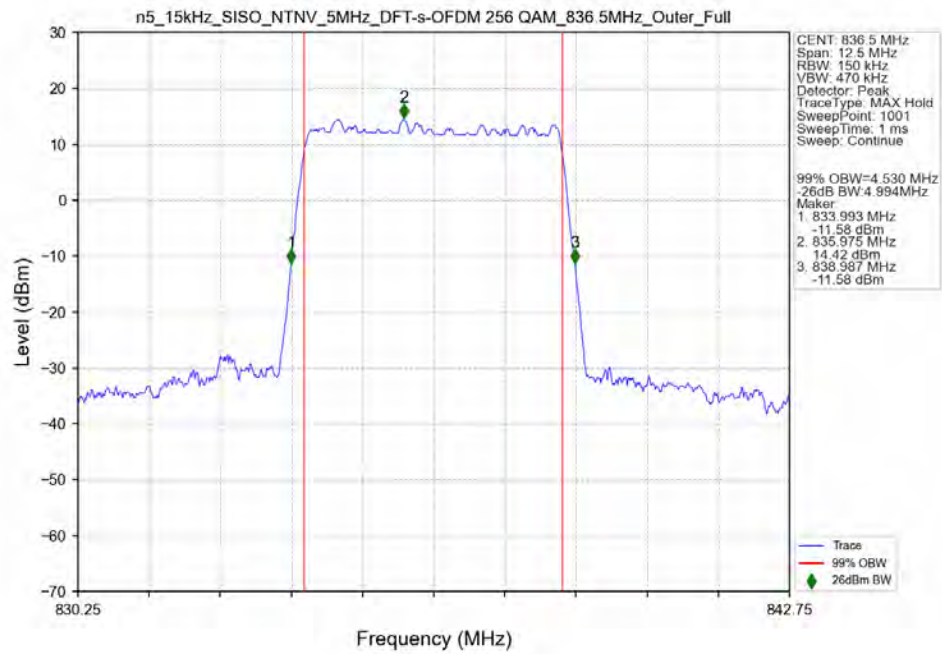
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_16_QAM_836.5MHz_Outer_Full_Ant13



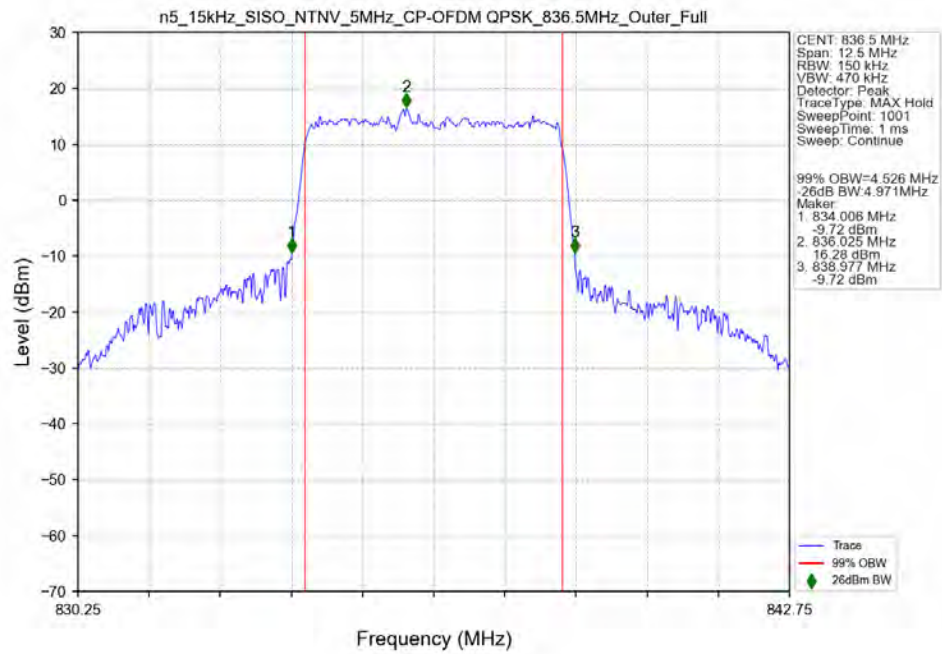
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_64_QAM_836.5MHz_Outer_Full_Ant13



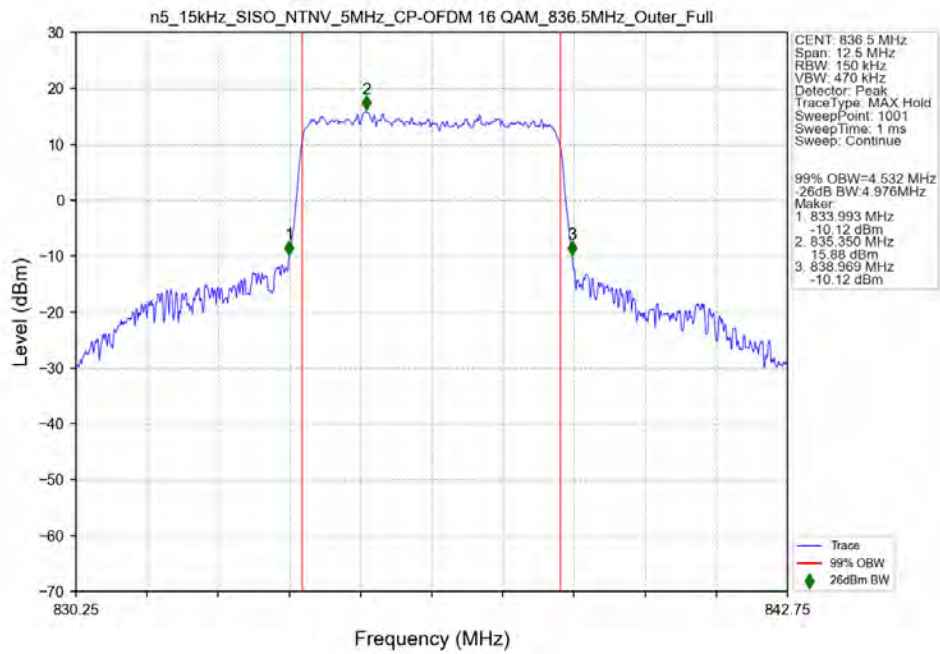
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_256QAM_836.5MHz_Outer_Full_Ant13



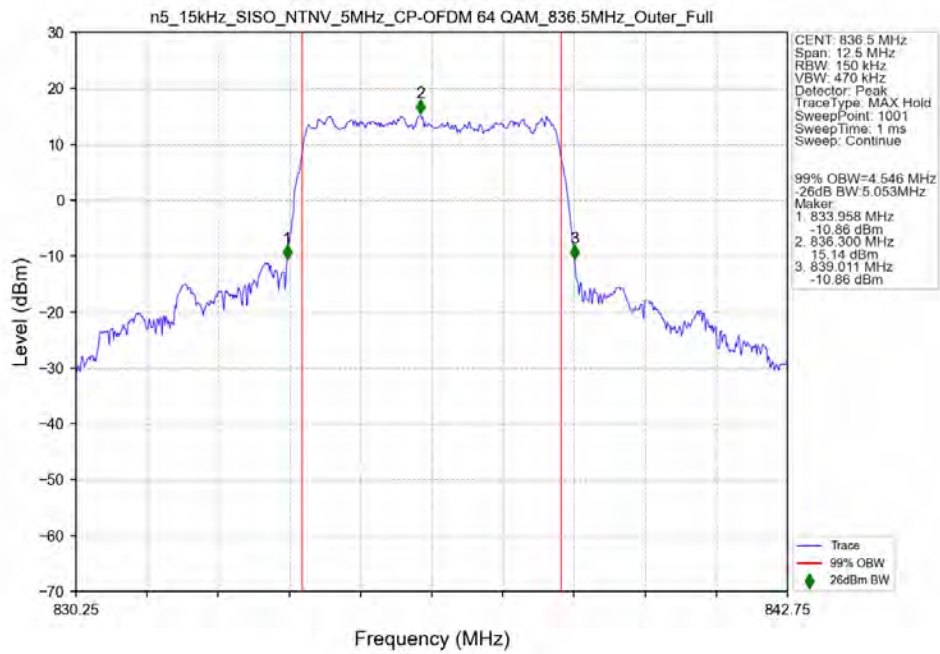
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_836.5MHz_Outer_Full_Ant13



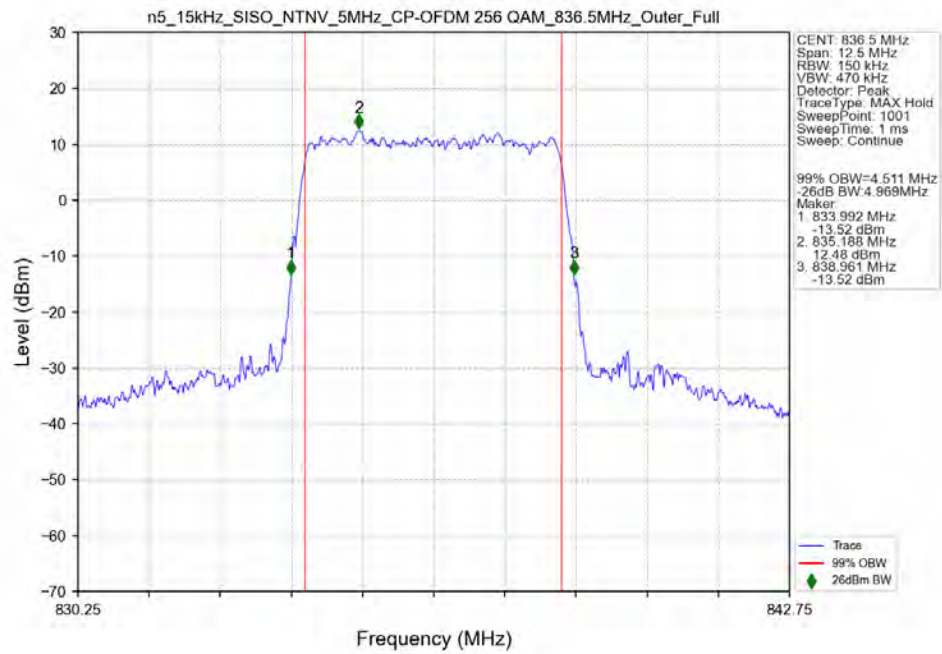
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM 16 QAM 836.5MHz_Outer_Full_Ant13



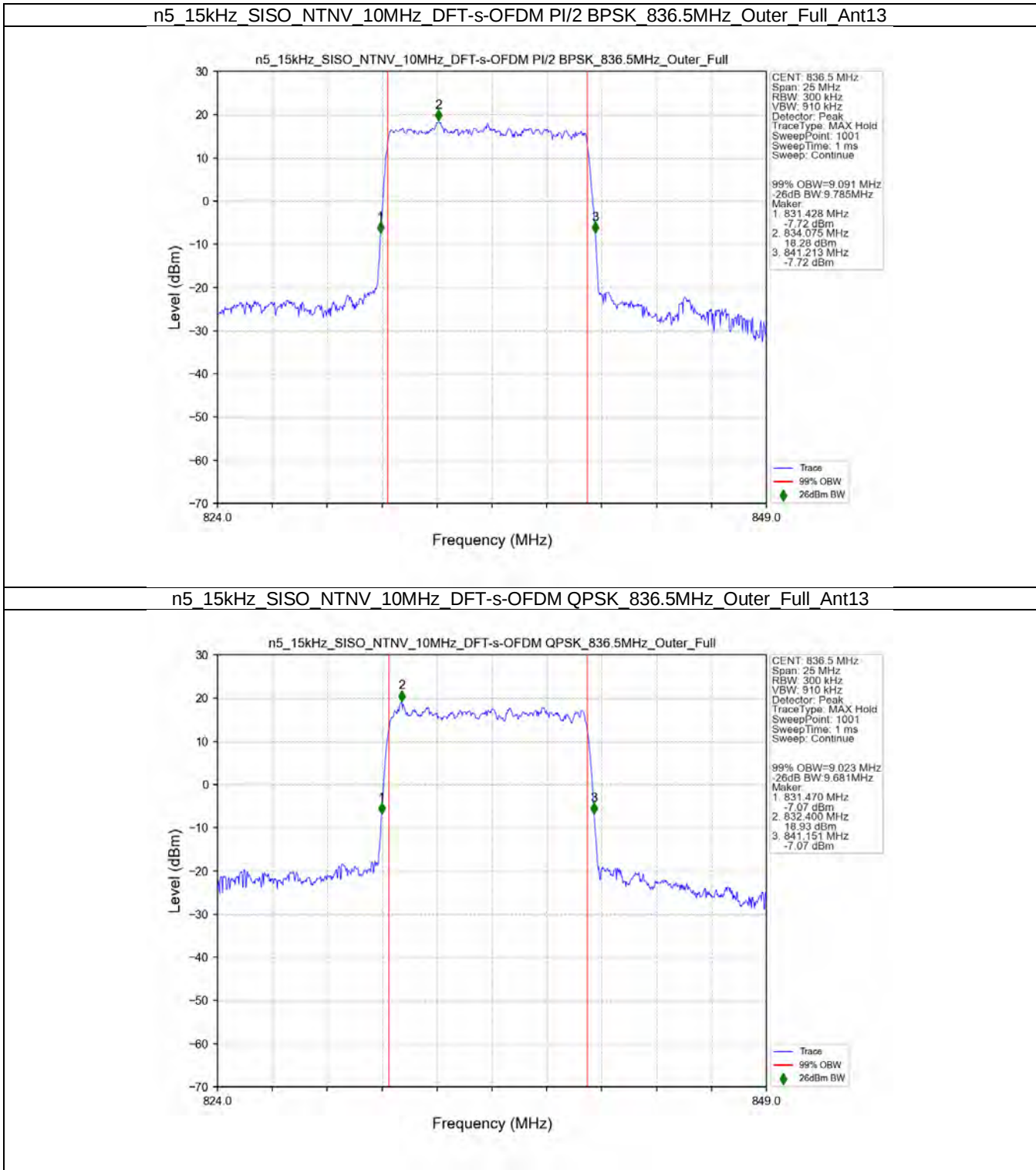
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM 64 QAM 836.5MHz_Outer_Full_Ant13



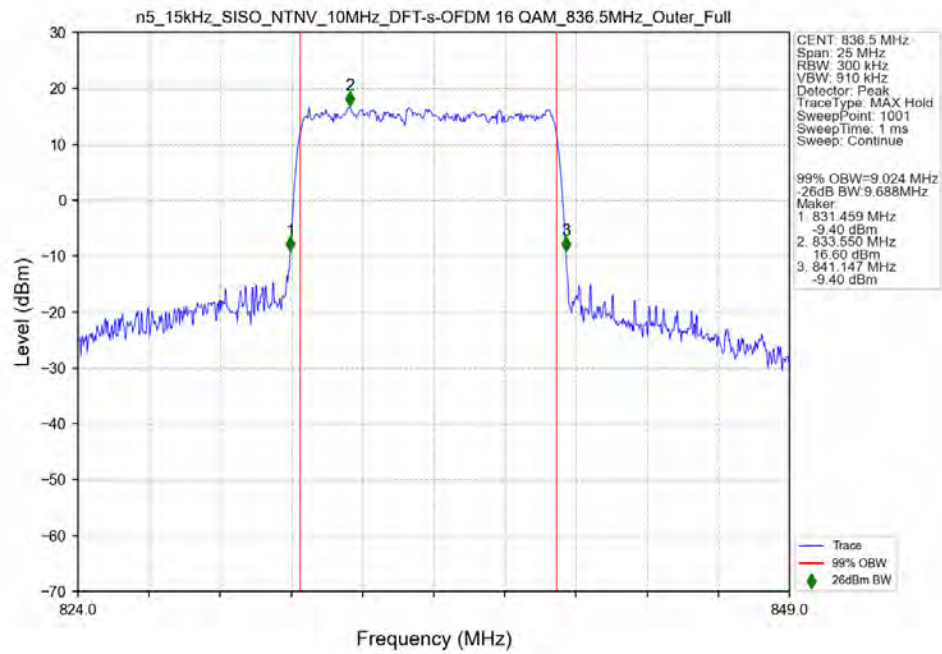
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_256_QAM_836.5MHz_Outer_Full_Ant13



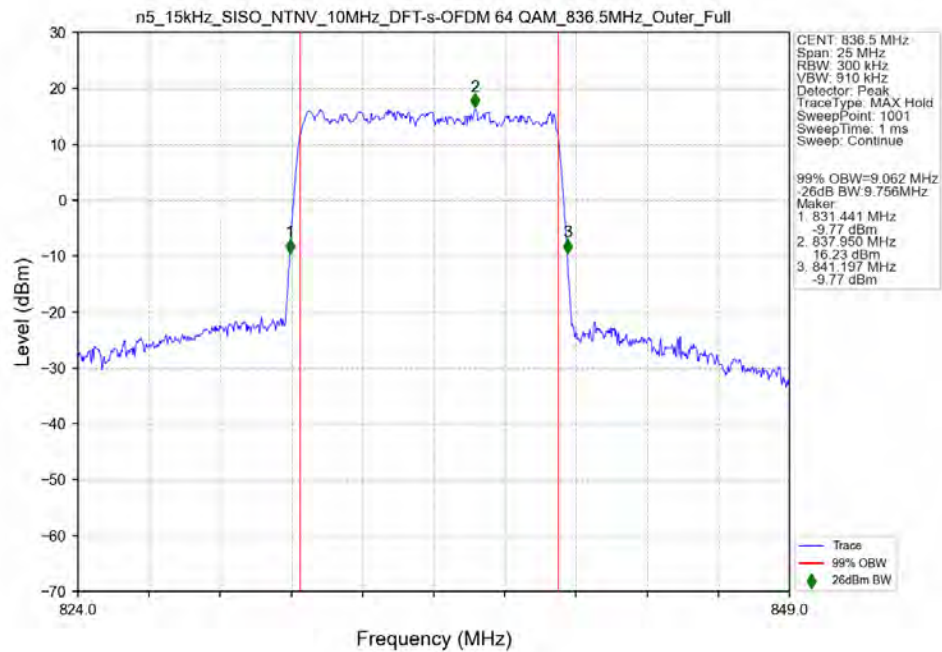
3.2.2 15k_SISO_10MHz_NTNV



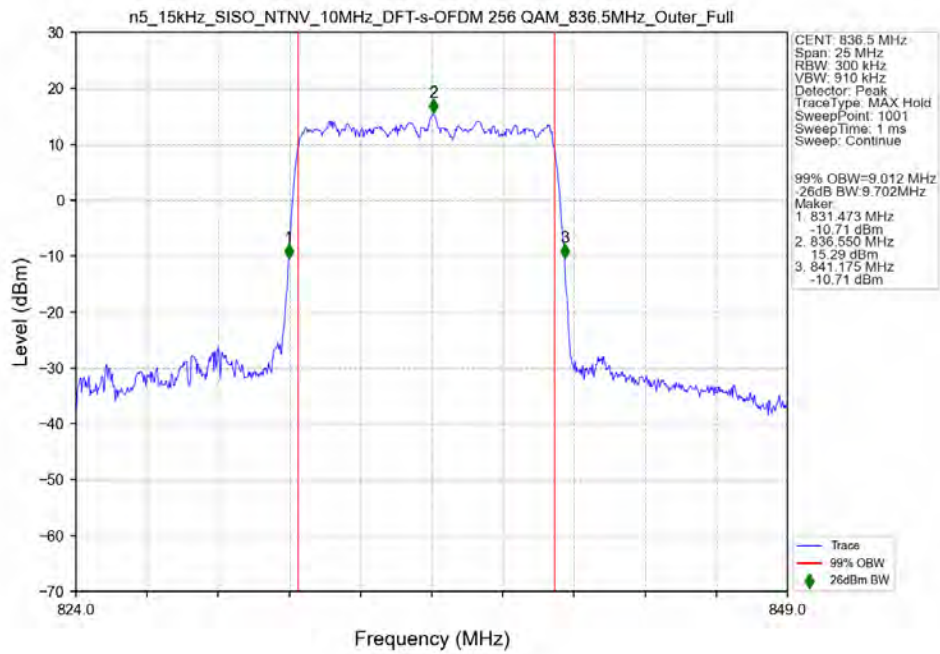
n5_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_16_QAM_836.5MHz_Outer_Full_Ant13



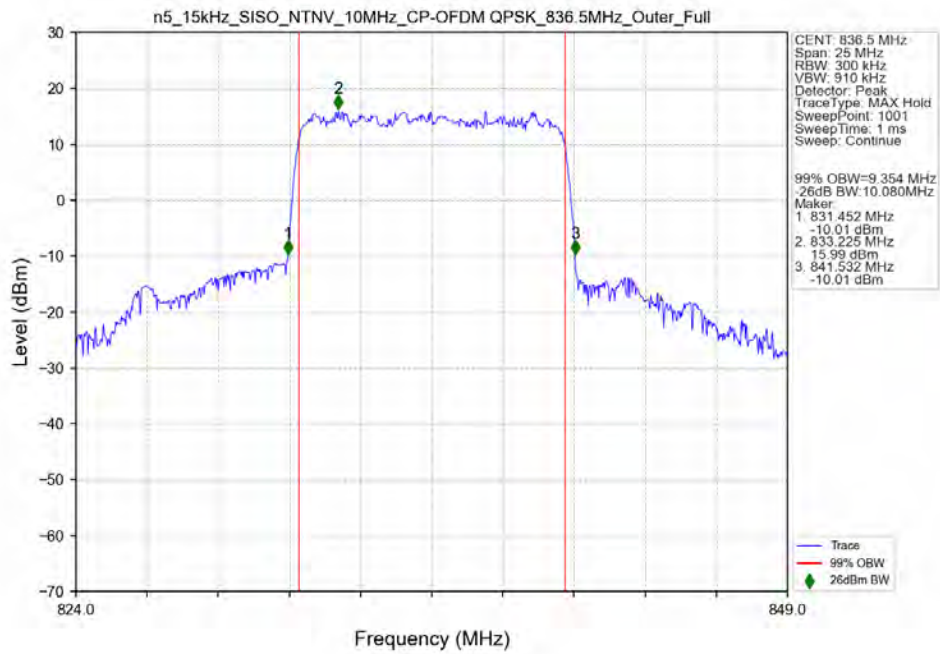
n5_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_64_QAM_836.5MHz_Outer_Full_Ant13



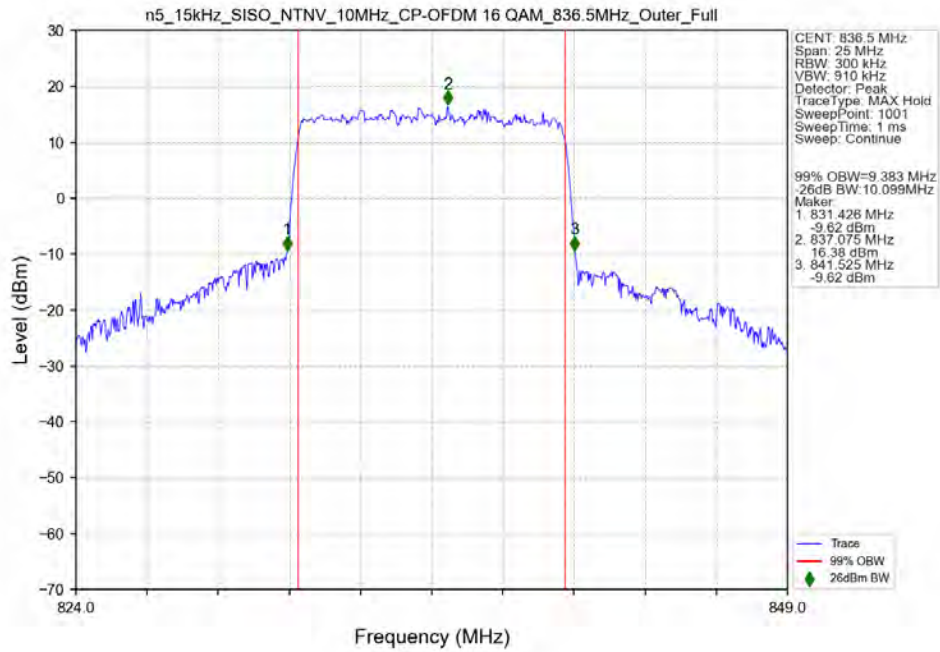
n5_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_256_QAM_836.5MHz_Outer_Full_Ant13



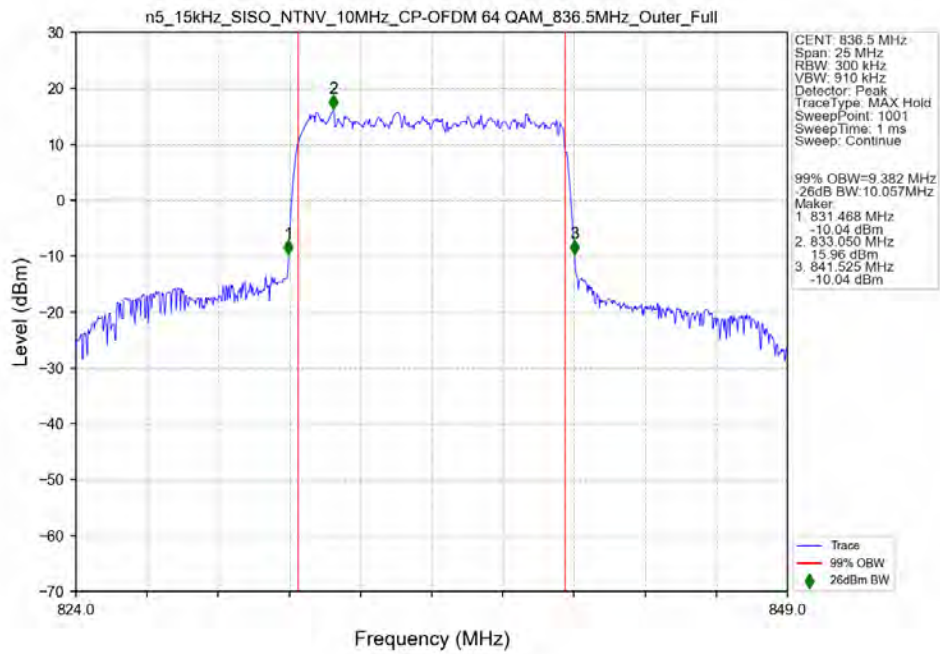
n5_15kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_836.5MHz_Outer_Full_Ant13



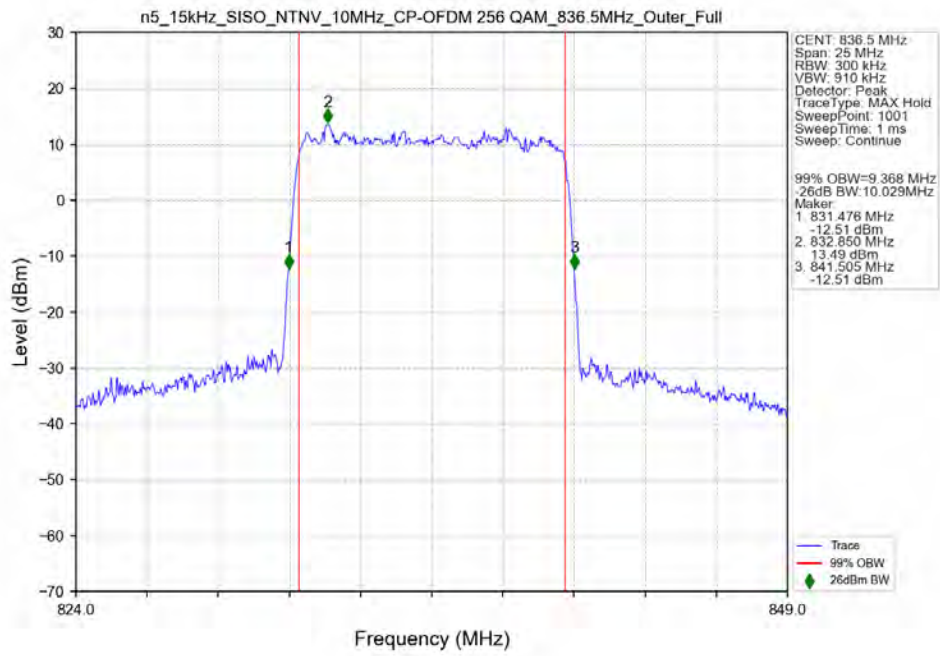
n5_15kHz_SISO_NTNV_10MHz_CP-OFDM 16 QAM 836.5MHz Outer Full Ant13



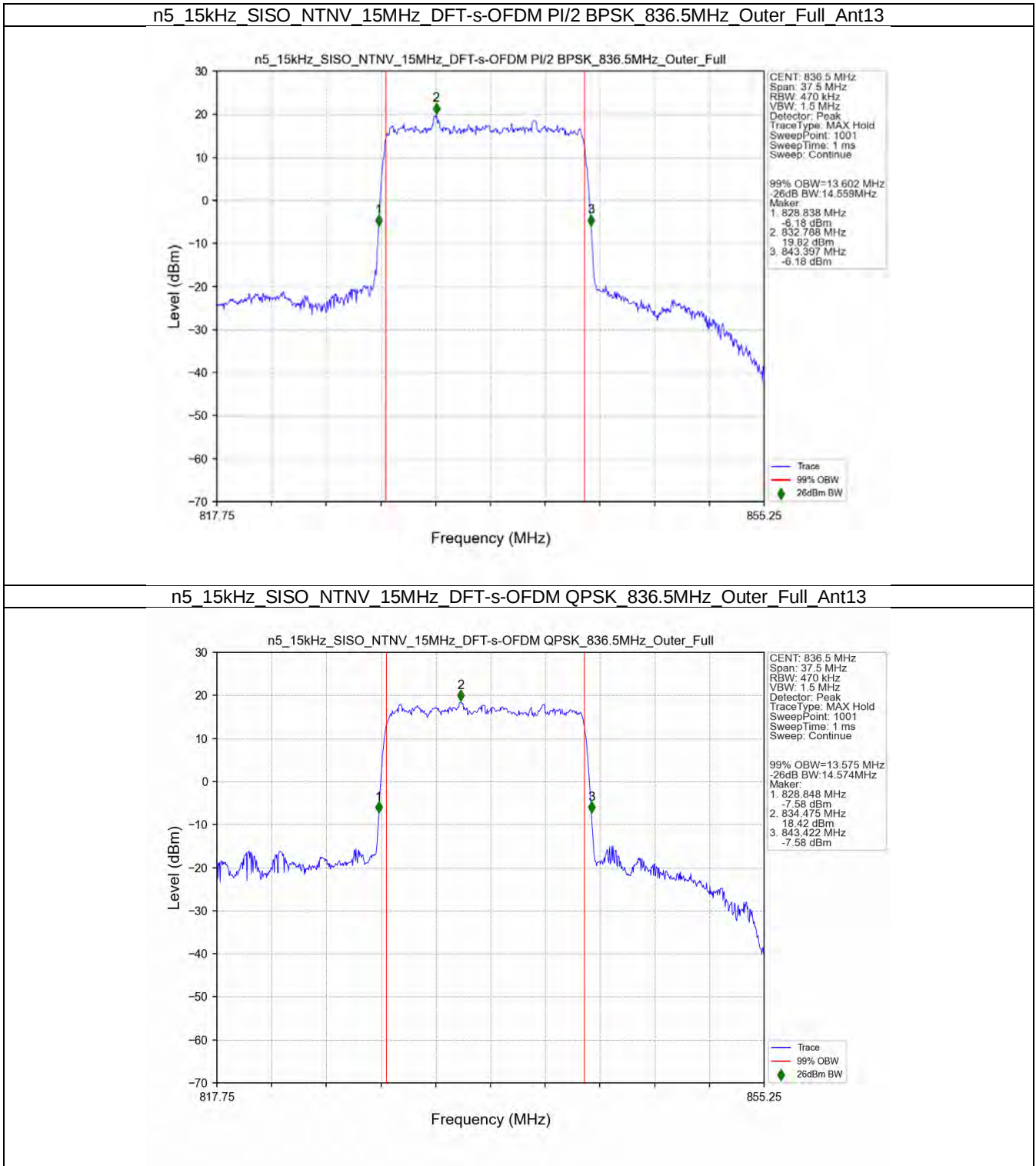
n5_15kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM 836.5MHz Outer Full Ant13



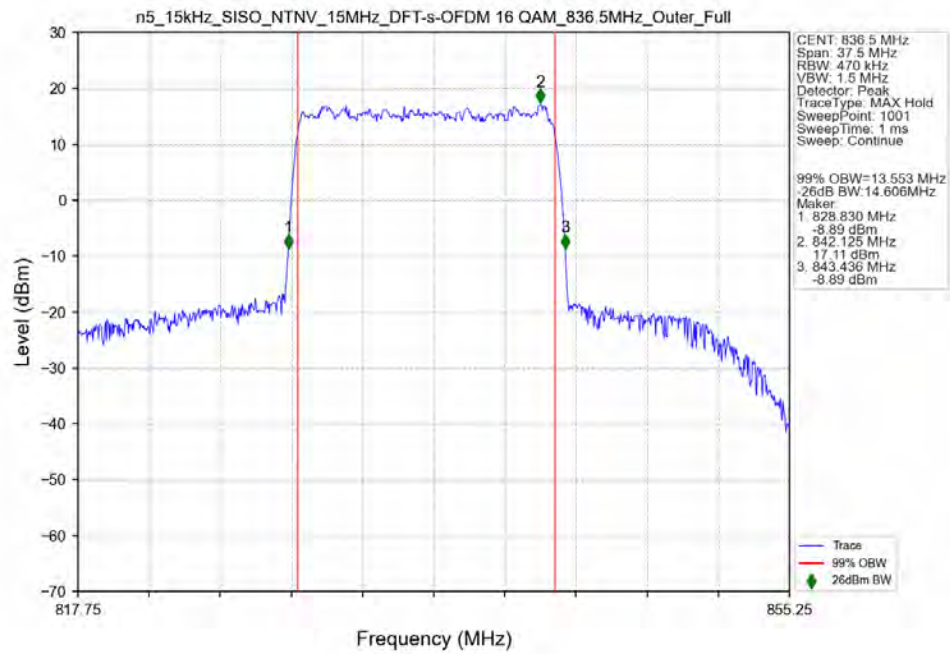
n5_15kHz_SISO_NTNV_10MHz_CP-OFDM_256_QAM_836.5MHz_Outer_Full_Ant13



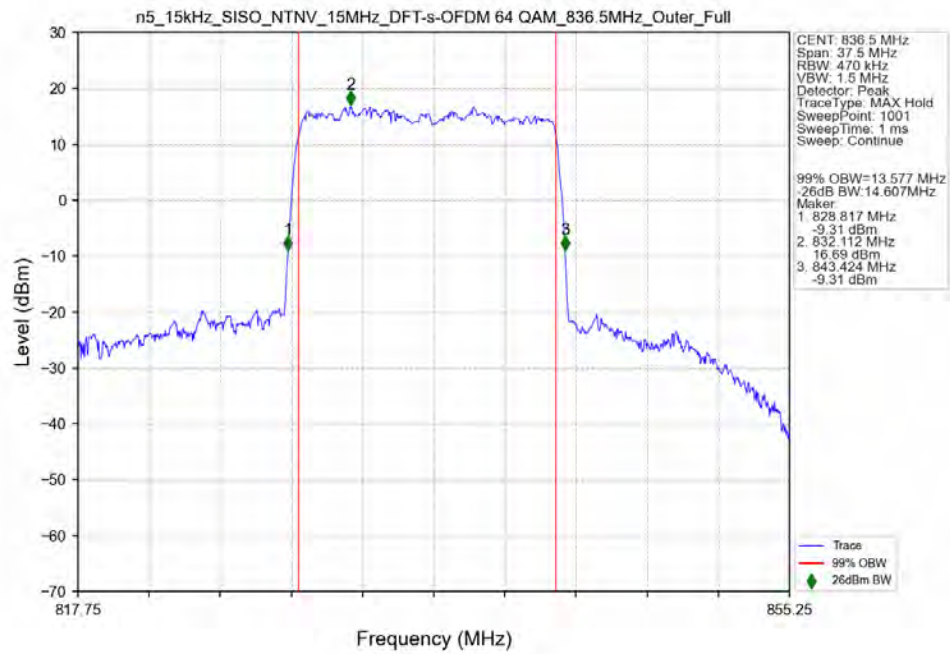
3.2.3 15k_SISO_15MHz_NTNV



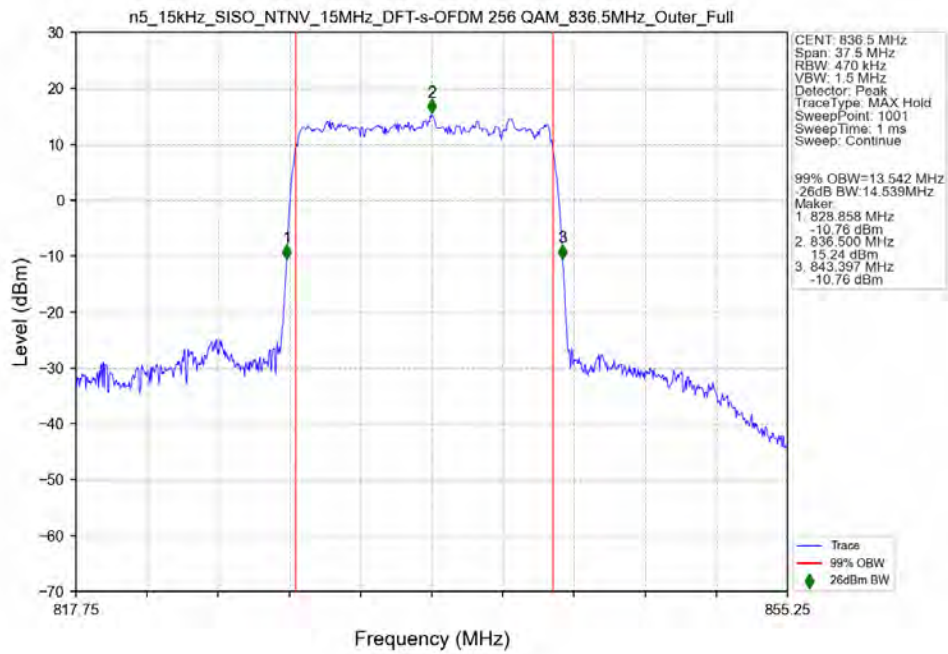
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_16_QAM_836.5MHz_Outer_Full_Ant13



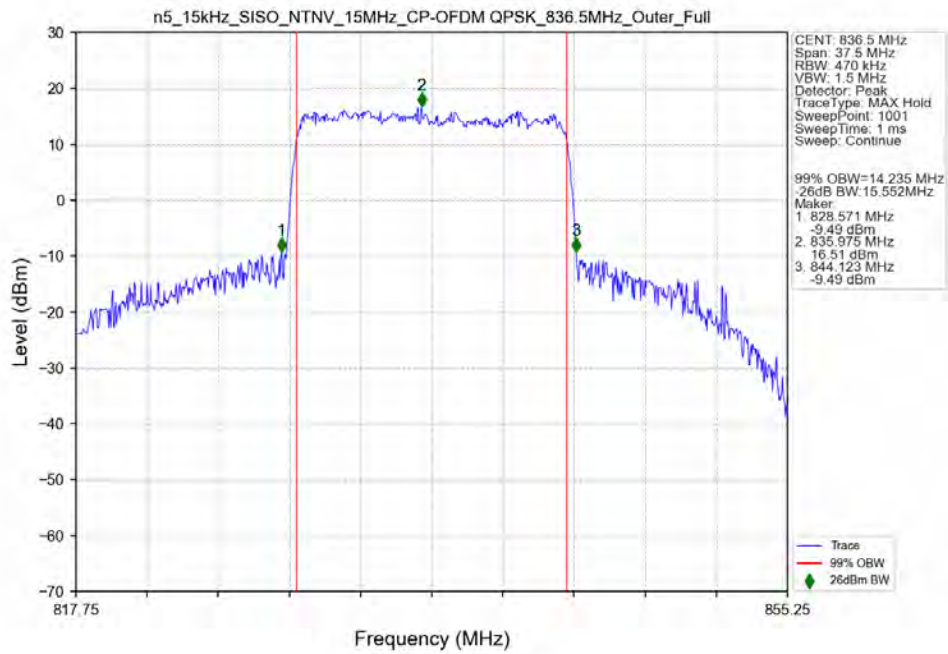
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_64_QAM_836.5MHz_Outer_Full_Ant13



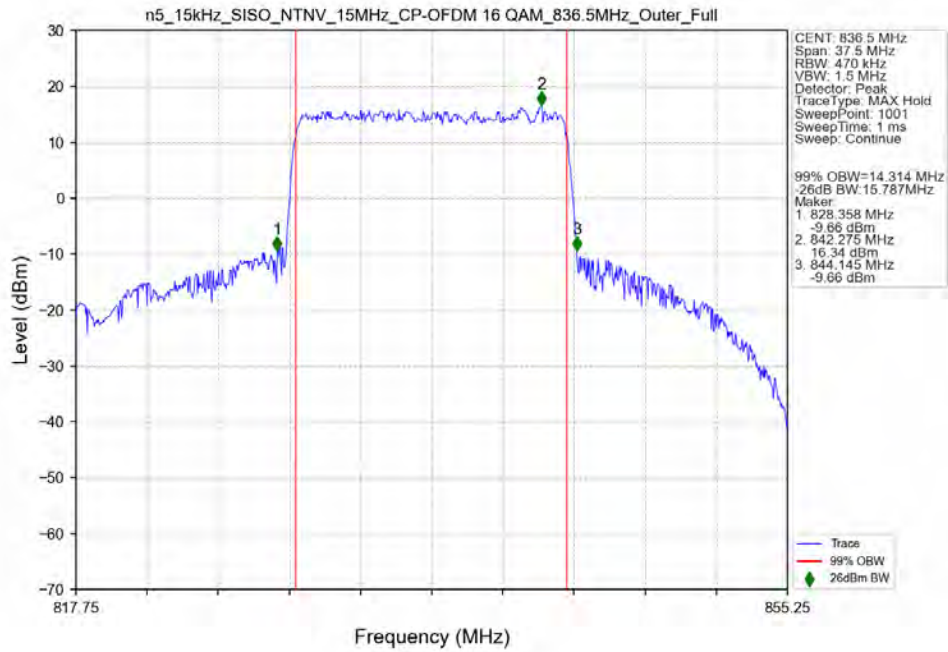
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_256_QAM_836.5MHz_Outer_Full_Ant13



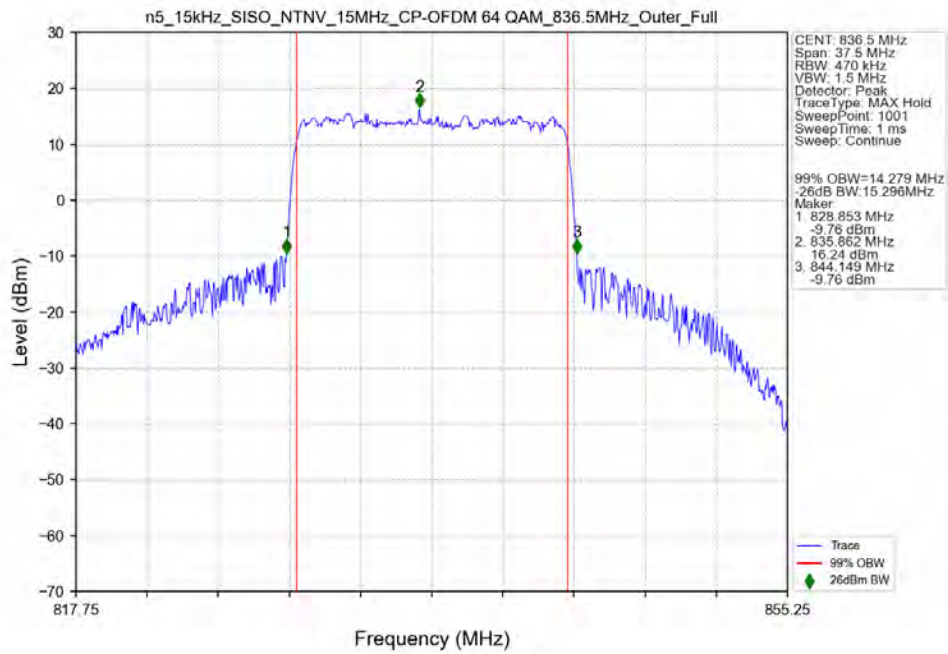
n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_836.5MHz_Outer_Full_Ant13



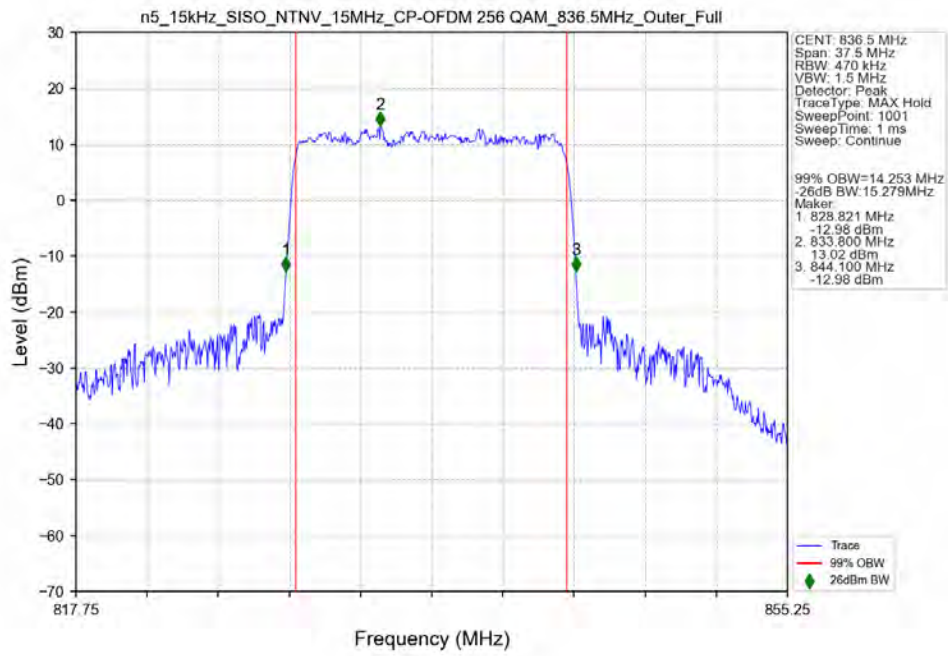
n5_15kHz_SISO_NTNV_15MHz_CP-OFDM 16 QAM 836.5MHz Outer Full Ant13



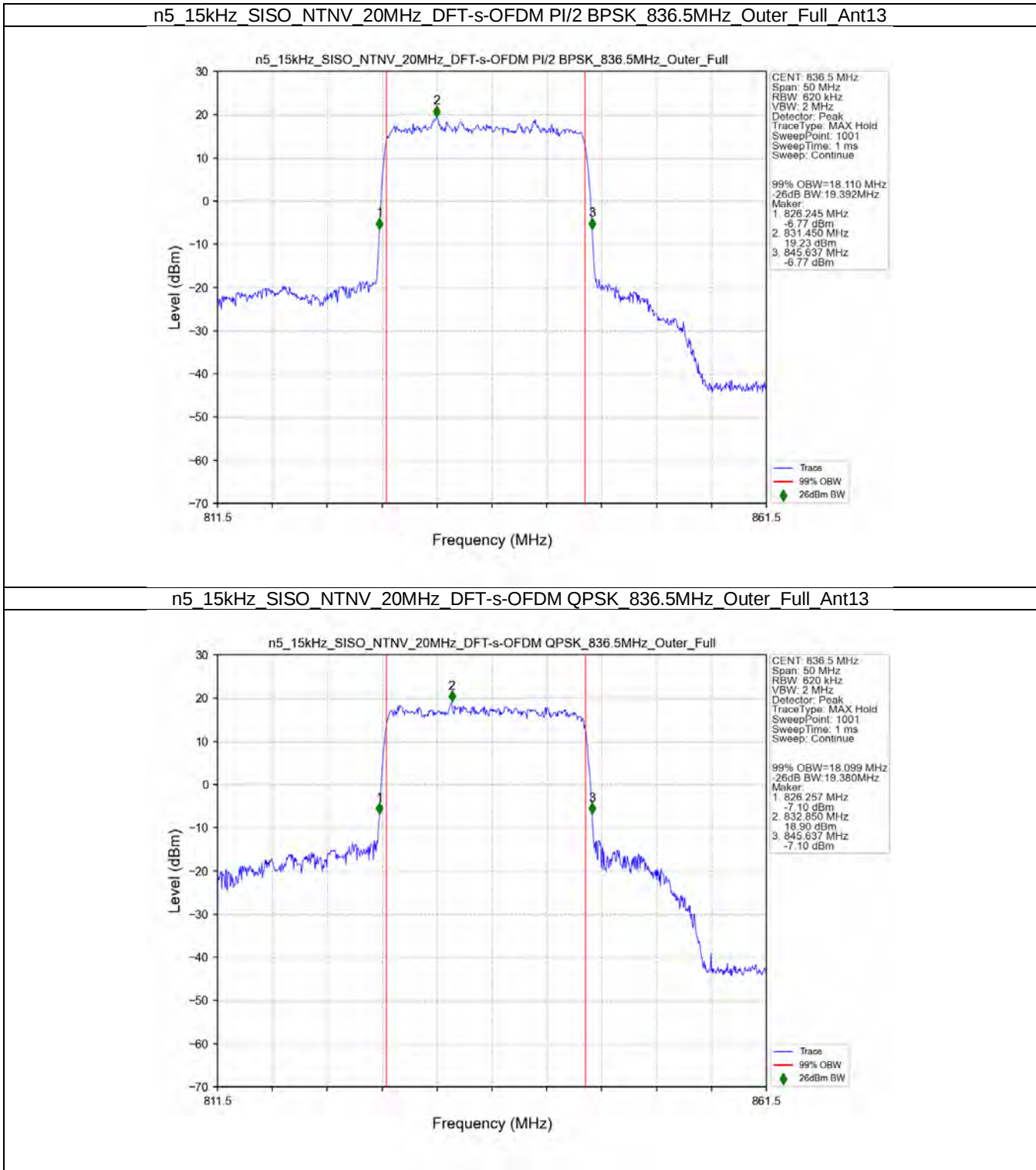
n5_15kHz_SISO_NTNV_15MHz_CP-OFDM 64 QAM 836.5MHz Outer Full Ant13



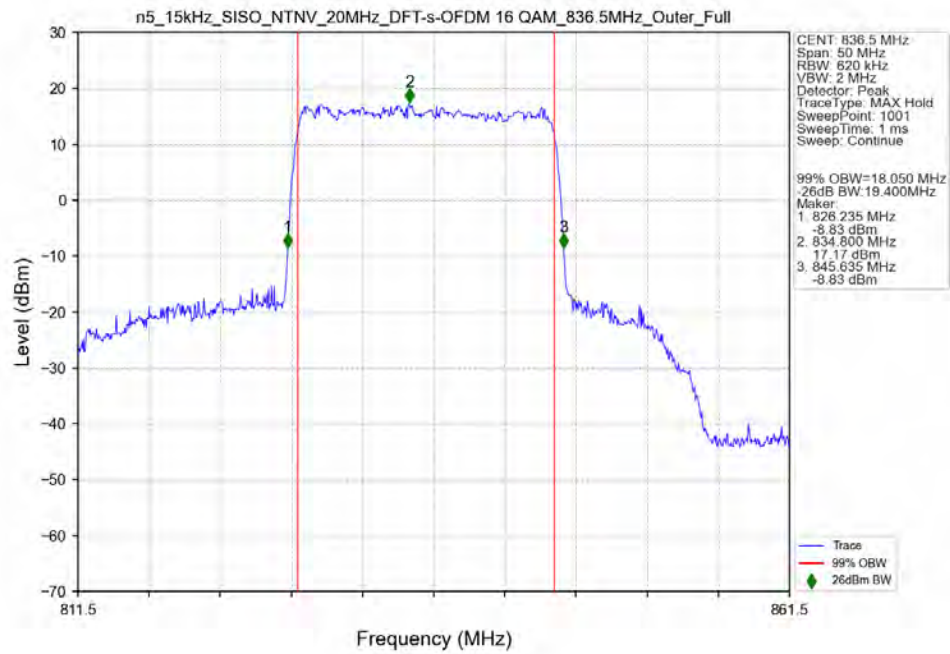
n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_256_QAM_836.5MHz_Outer_Full_Ant13



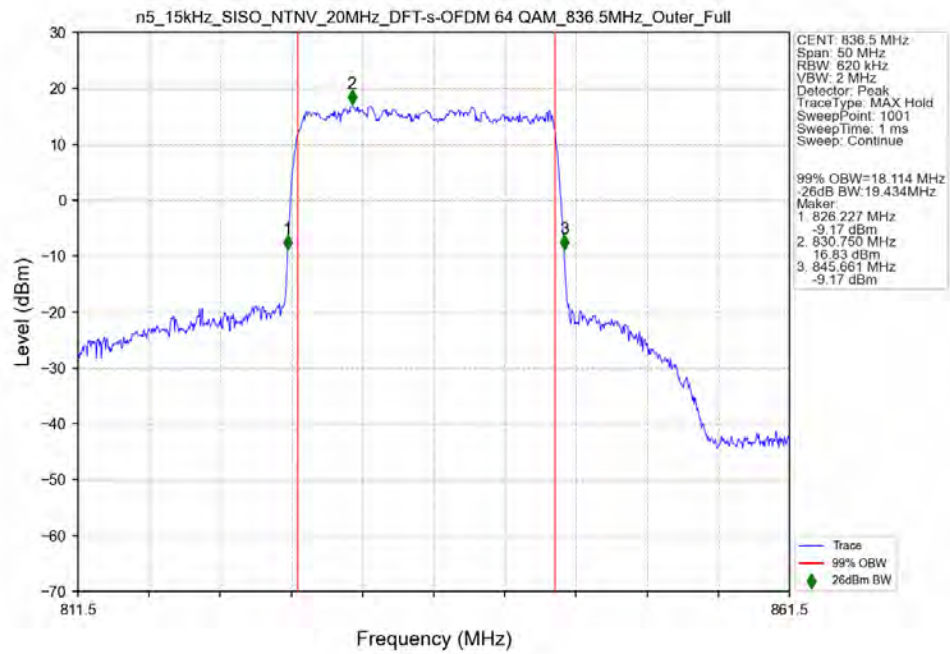
3.2.4 15k_SISO_20MHz_NTNV



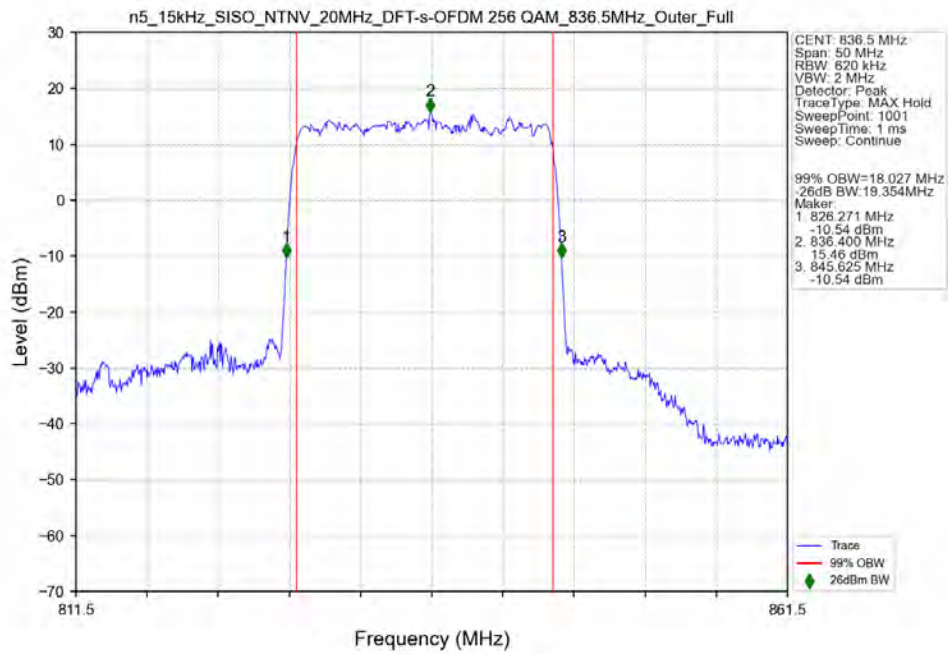
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 16 QAM 836.5MHz_Outer_Full_Ant13



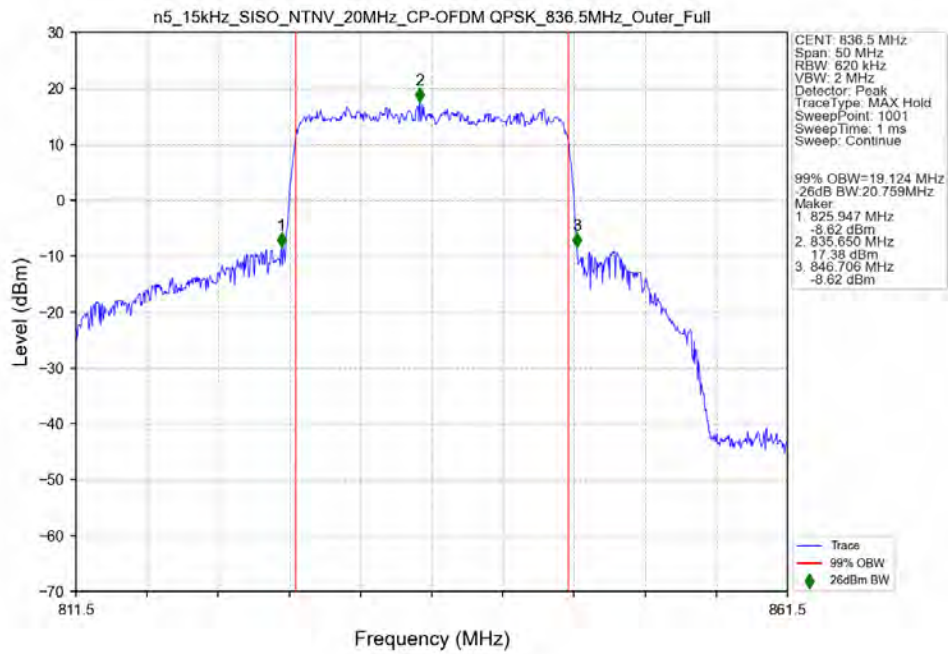
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 64 QAM 836.5MHz_Outer_Full_Ant13



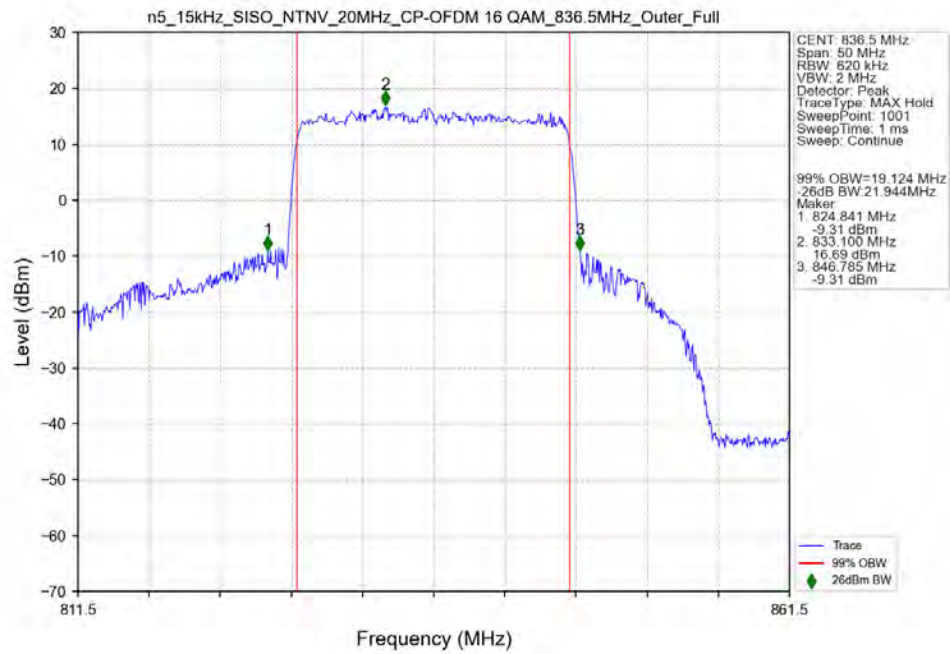
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_256_QAM_836.5MHz_Outer_Full_Ant13



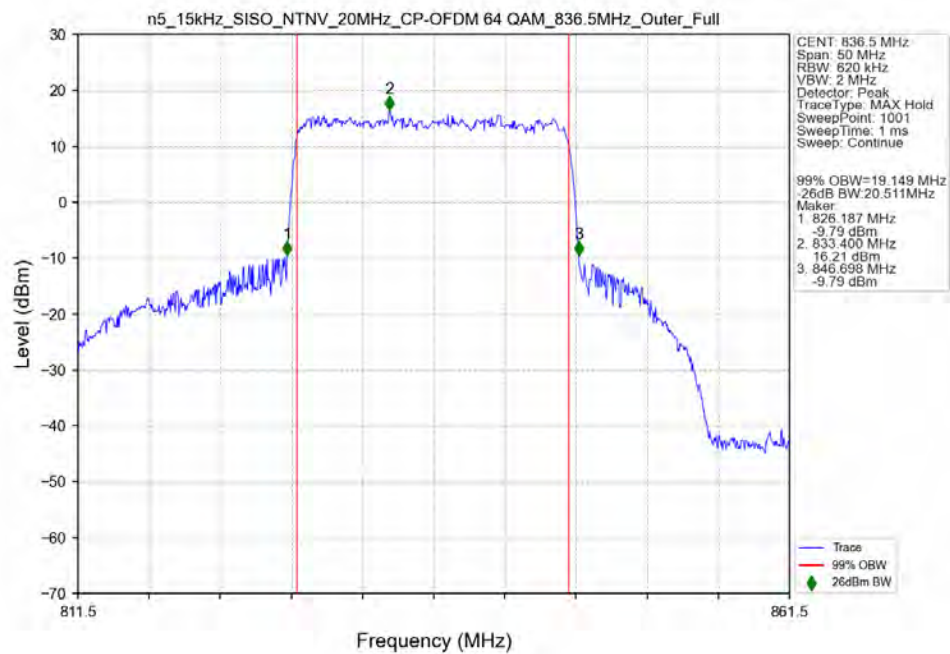
n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_836.5MHz_Outer_Full_Ant13



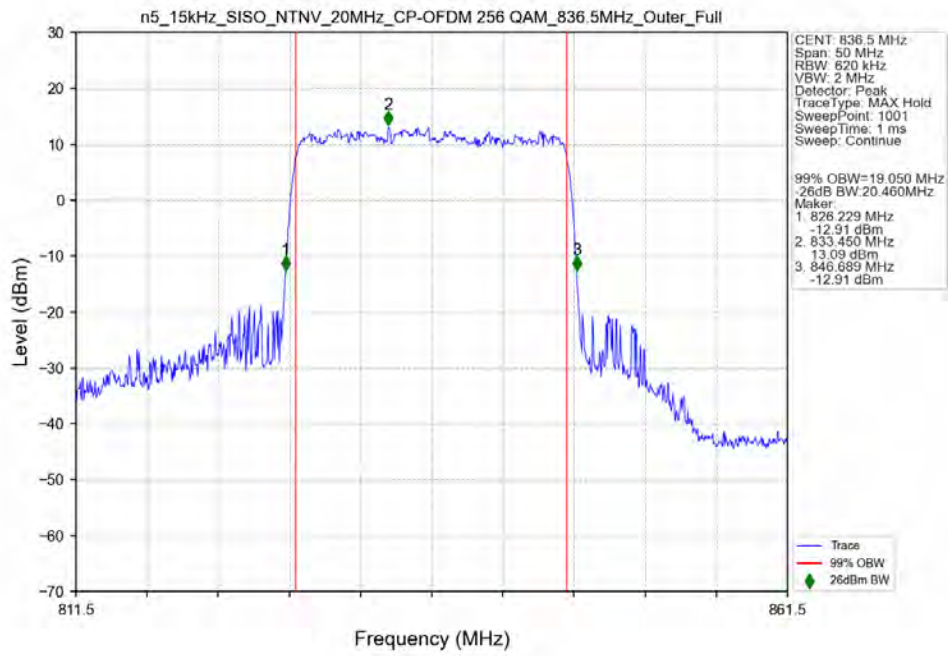
n5_15kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM 836.5MHz_Outer_Full_Ant13



n5_15kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM 836.5MHz_Outer_Full_Ant13



n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_256_QAM_836.5MHz_Outer_Full_Ant13



4. Peak-Average Ratio

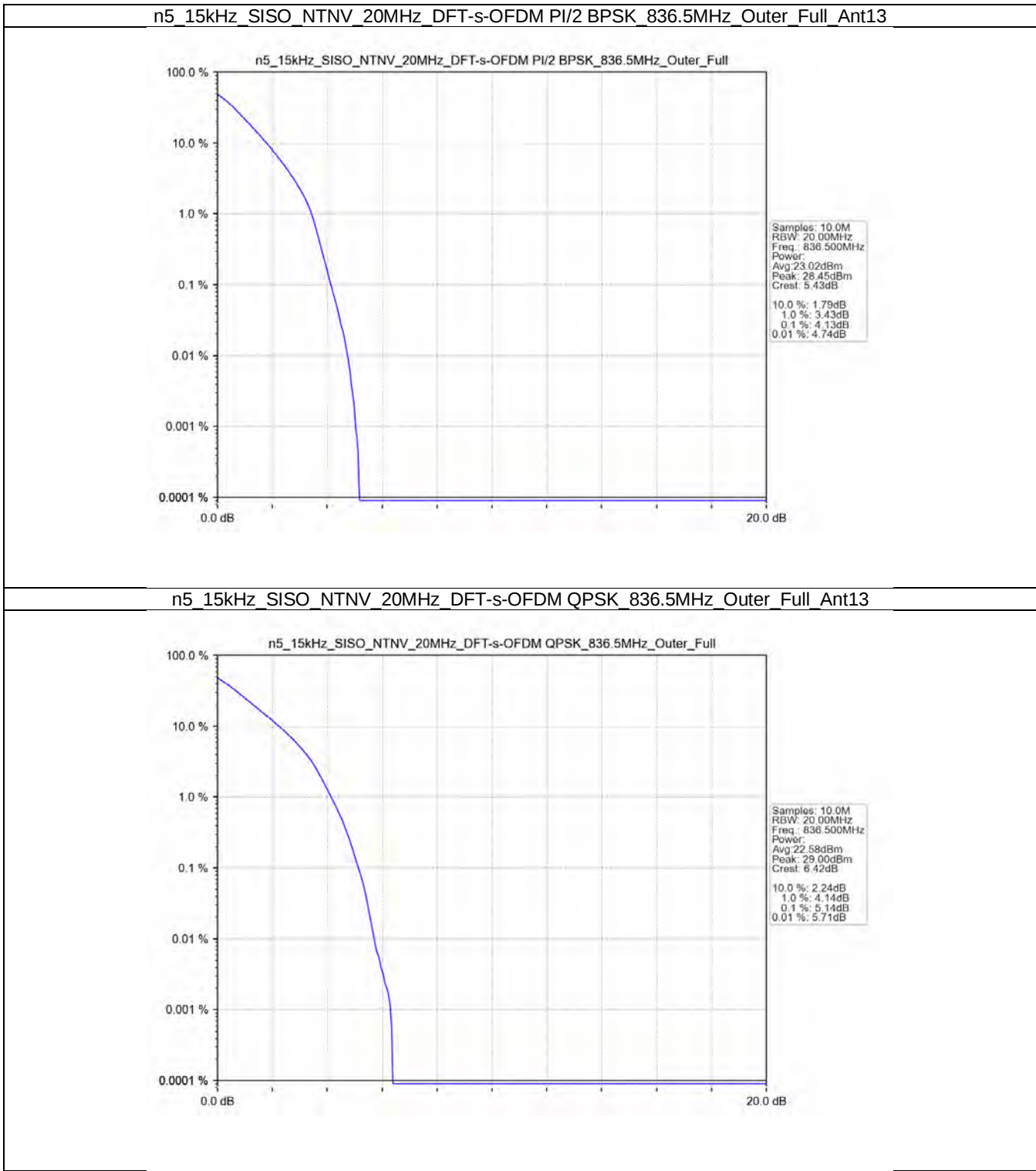
4.1 Test Result

4.1.1 15k_SISO_20MHz_NTNV

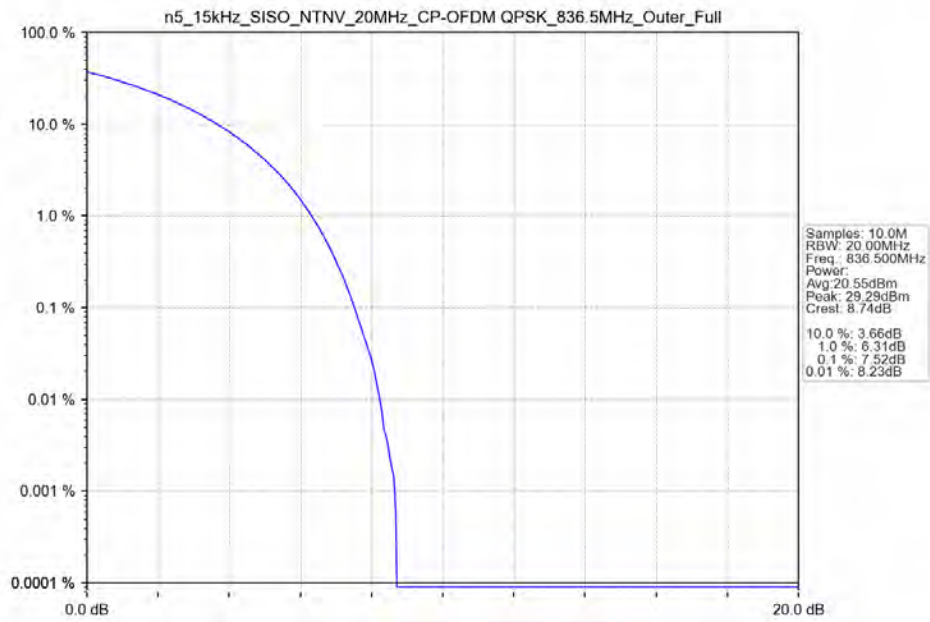
5G NR n5 SCS=15kHz SISO 20MHz NTNV							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant13	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	836.5	Outer_Full	4.13	/	/	<=13	Pass
DFT-s-OFDM QPSK	836.5	Outer_Full	5.14	/	/	<=13	Pass
CP-OFDM QPSK	836.5	Outer_Full	7.52	/	/	<=13	Pass

4.2 Test Graph

4.2.1 15k_SISO_20MHz_NTNV



n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_836.5MHz_Outer_Full_Ant13



5. Spurious Emission

5.1 Test Result

5.1.1 15k_SISO_5MHz_NTNV

5G NR n5 SCS=15kHz SISO 5MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant13	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 NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant13	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

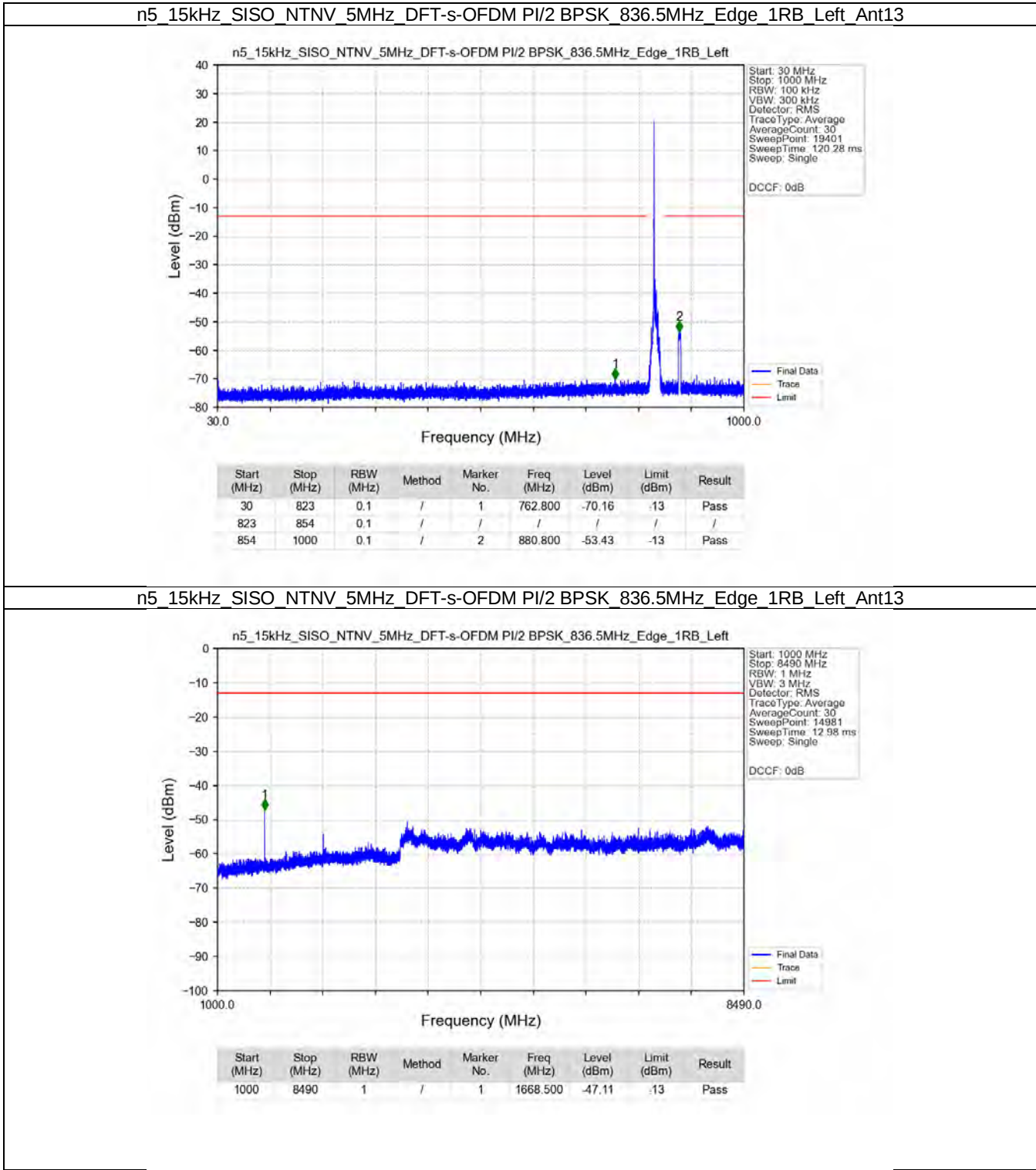
5.1.3 15k_SISO_20MHz_NTNV

5G NR n5 SCS=15kHz SISO 20MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant13	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	836.5	Edge 1RB Left	Refer To Test Graph				Pass

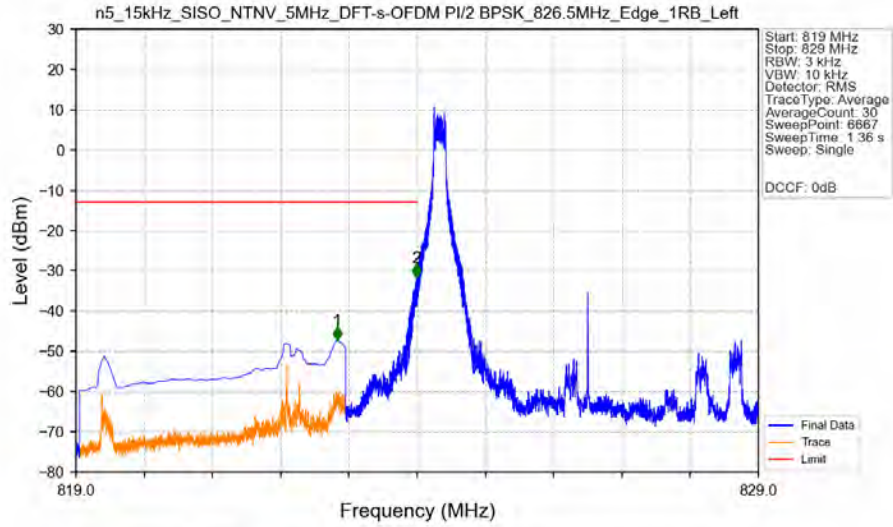
	834	Edge_1RB_Left	Refer To Test Graph	Pass
		Outer_Full	Refer To Test Graph	Pass
	839	Edge_1RB_Right	Refer To Test Graph	Pass
		Outer_Full	Refer To Test Graph	Pass
DFT-s-OFDM QPSK	836.5	Edge_1RB_Left	Refer To Test Graph	Pass
	834	Edge_1RB_Left	Refer To Test Graph	Pass
		Outer_Full	Refer To Test Graph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

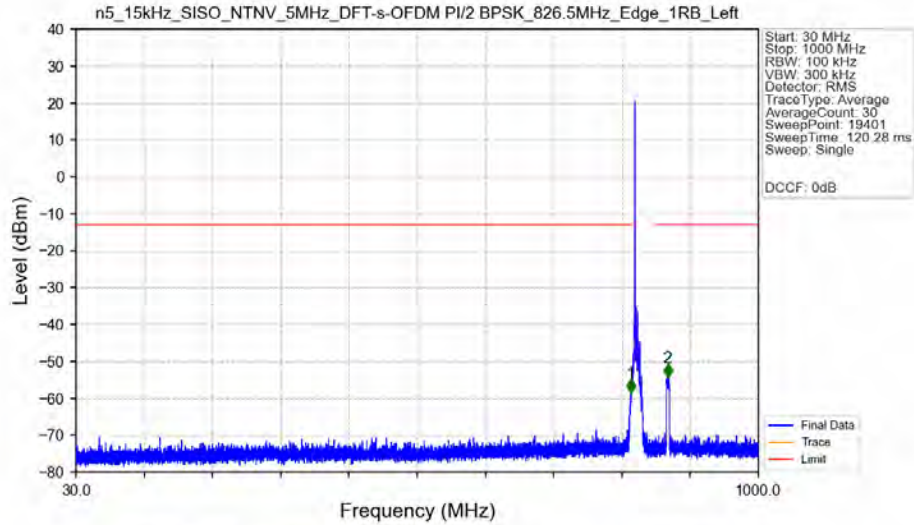


n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_826.5MHz_Edge_1RB_Left_Ant13



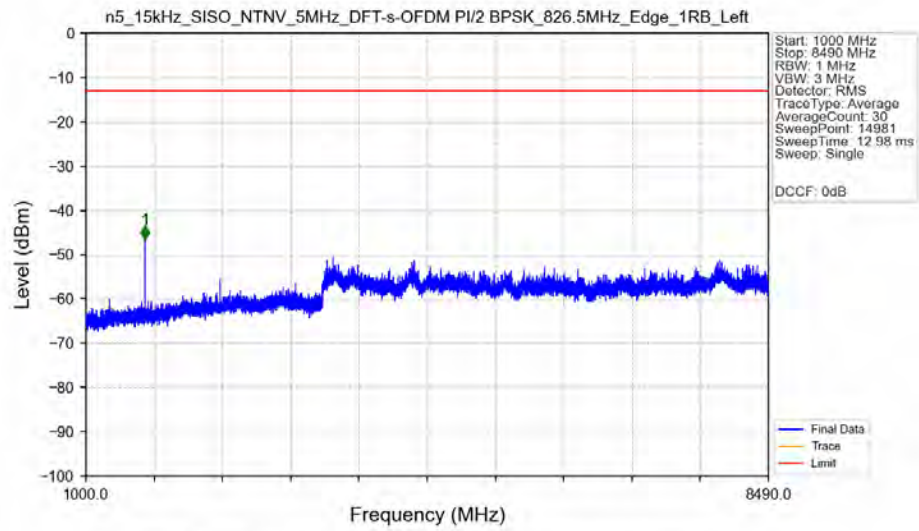
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.825	-47.34	-13	Pass
823	824	0.003	/	2	823.991	-31.70	-13	Pass
824	829	0.003	/	/	/	/	/	/

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_826.5MHz_Edge_1RB_Left_Ant13



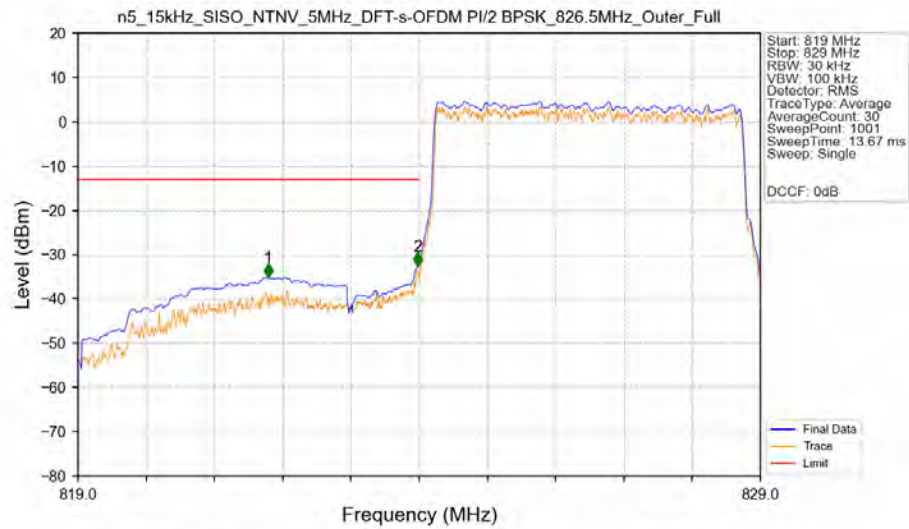
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.850	-58.50	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	871.050	-54.26	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_826.5MHz_Edge_1RB_Left_Ant13



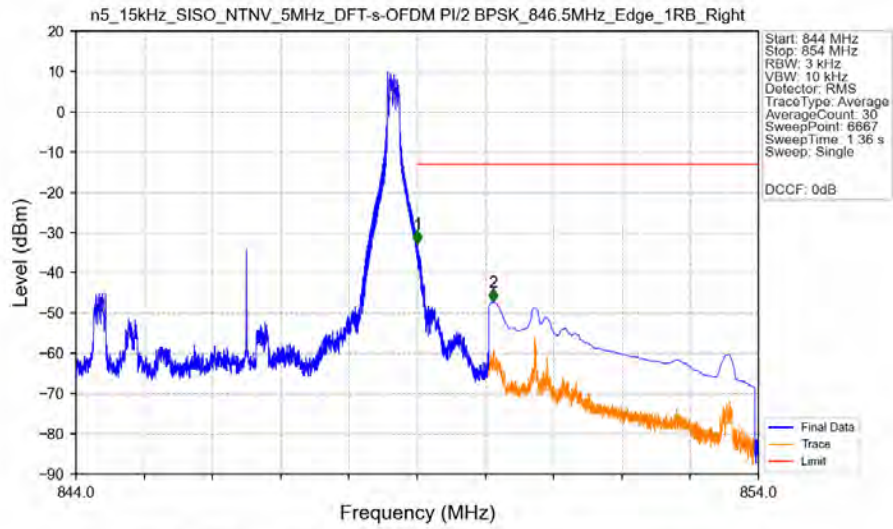
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1648.500	-46.58	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_826.5MHz_Outer_Full_Ant13



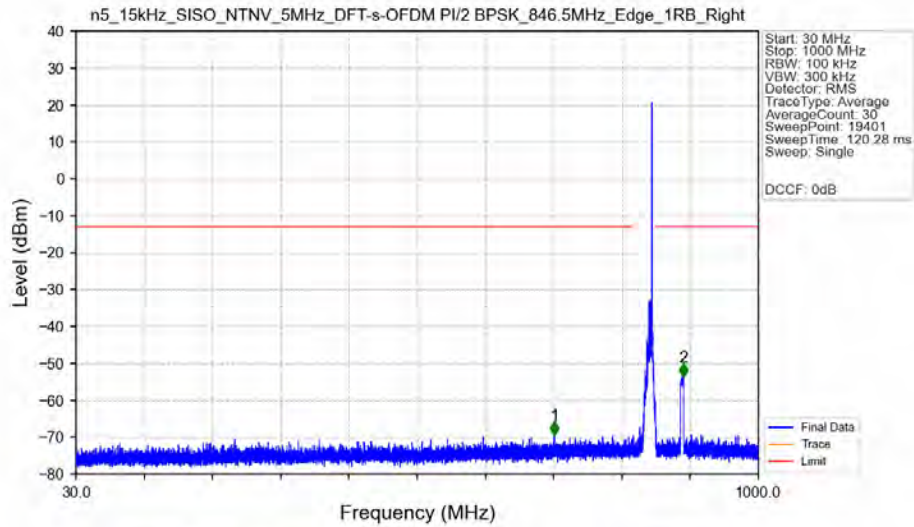
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	821.790	-35.06	-13	Pass
823	824	0.05053	CHP	2	823.980	-32.66	-13	Pass
824	829	0.05053	CHP	/	/	/	/	/

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_846.5MHz_Edge_1RB_Right_Ant13



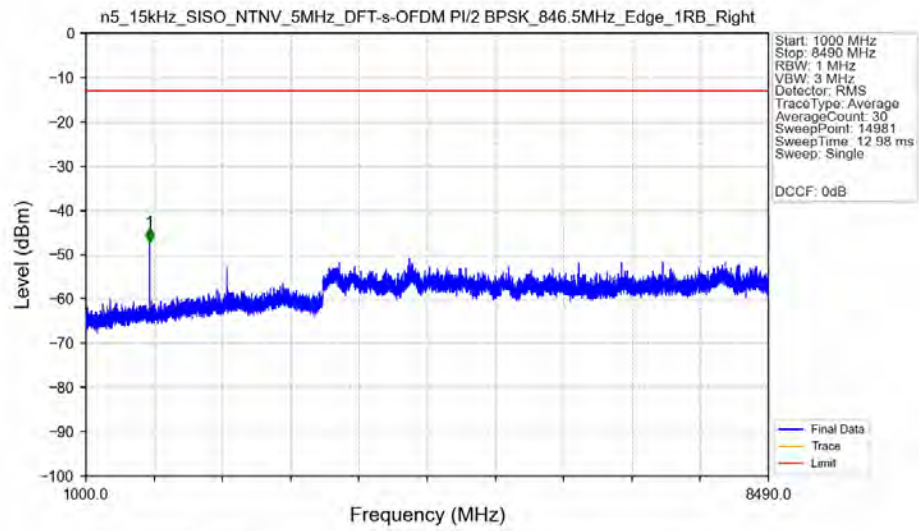
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.005	-32.91	-13	Pass
850	854	0.1	CHP	2	850.116	-47.27	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_846.5MHz_Edge_1RB_Right_Ant13



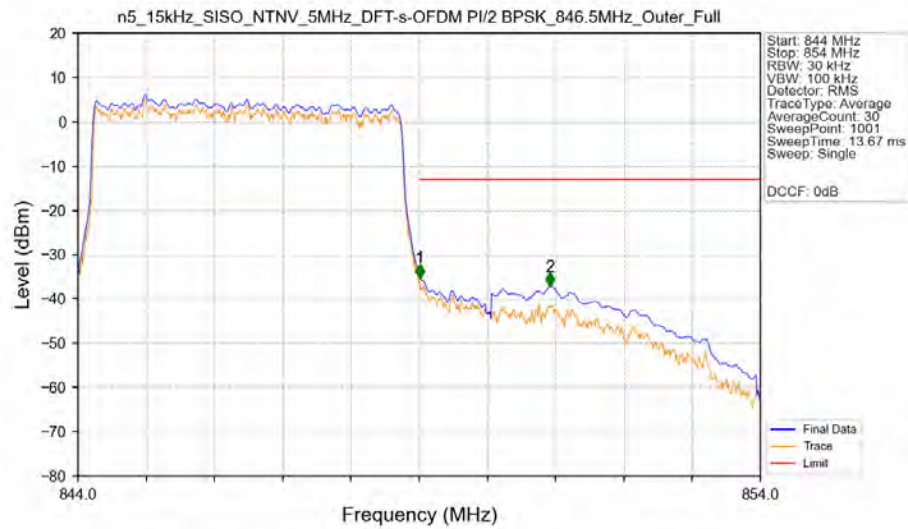
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	710.000	-69.50	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	893.400	-53.75	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_846.5MHz_Edge_1RB_Right_Ant13



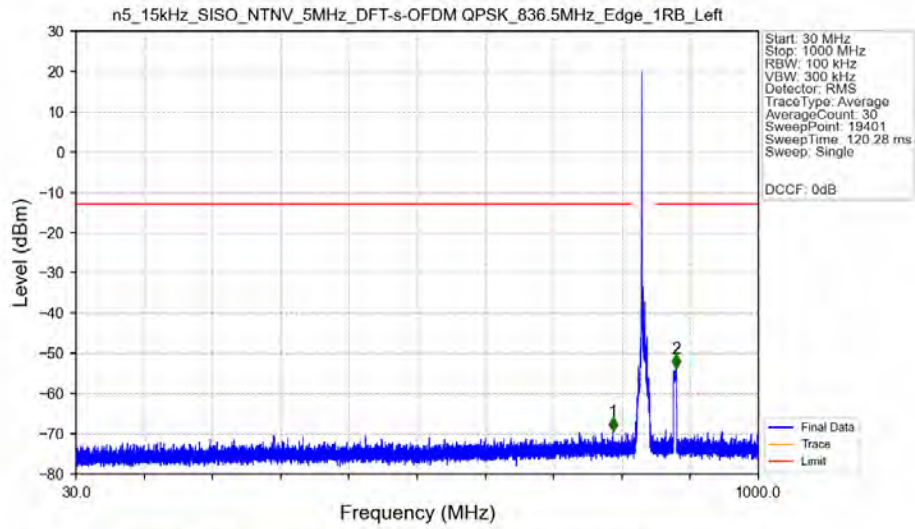
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1697.500	-47.05	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_846.5MHz_Outer_Full_Ant13



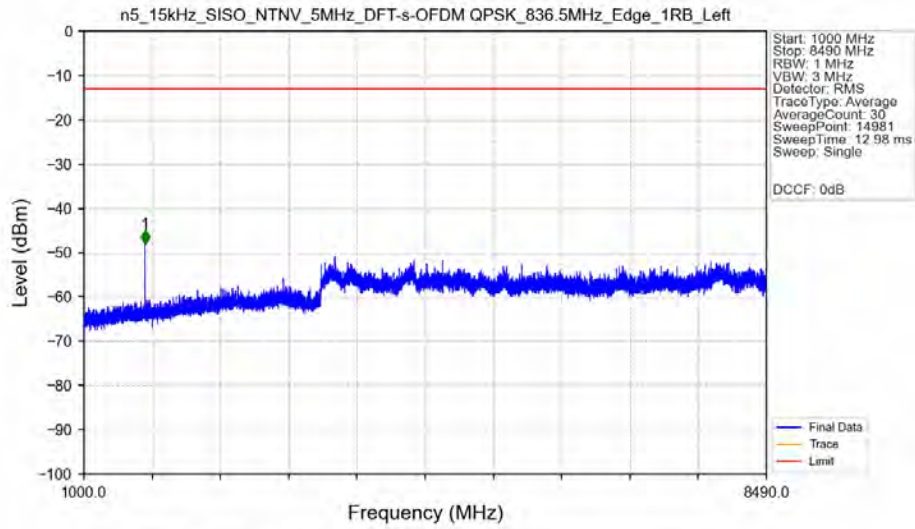
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.04994	CHP	/	/	/	/	/
849	850	0.04994	CHP	1	849.010	-35.23	-13	Pass
850	854	0.1	CHP	2	850.920	-37.13	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant13



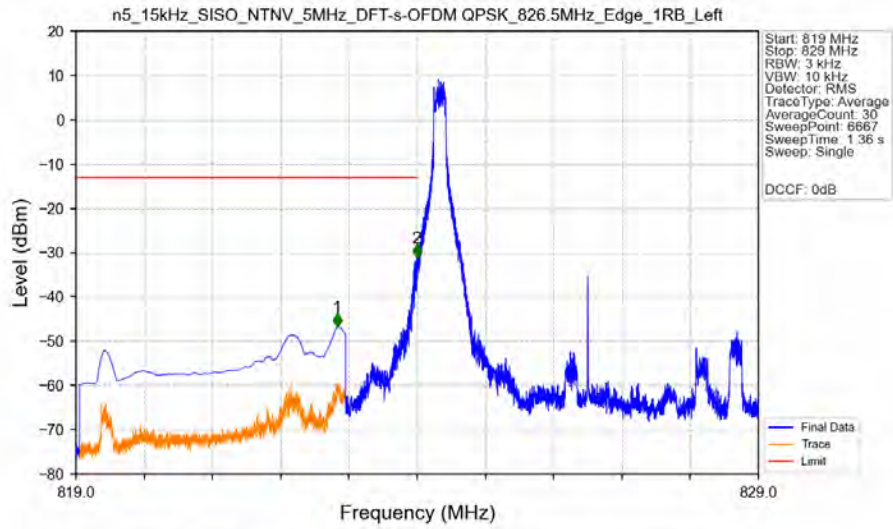
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	793.100	-69.29	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	883.100	-53.76	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant13



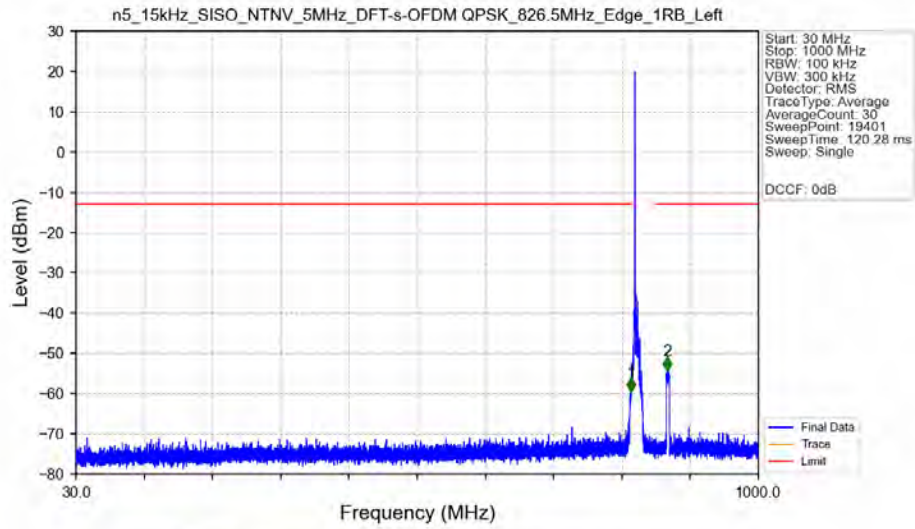
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1668.500	-48.04	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_826.5MHz_Edge_1RB_Left_Ant13



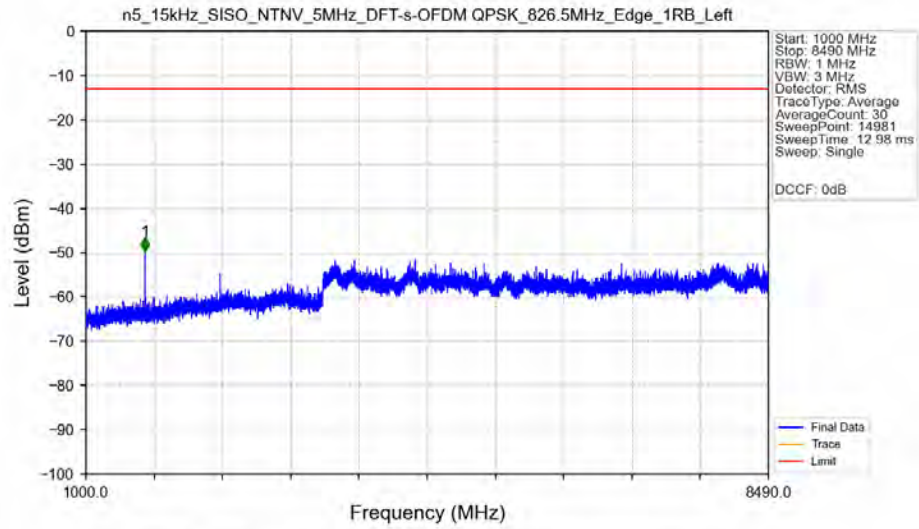
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.824	-46.81	-13	Pass
823	824	0.003	/	2	823.995	-31.16	-13	Pass
824	829	0.003	/	/	/	/	/	/

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_826.5MHz_Edge_1RB_Left_Ant13



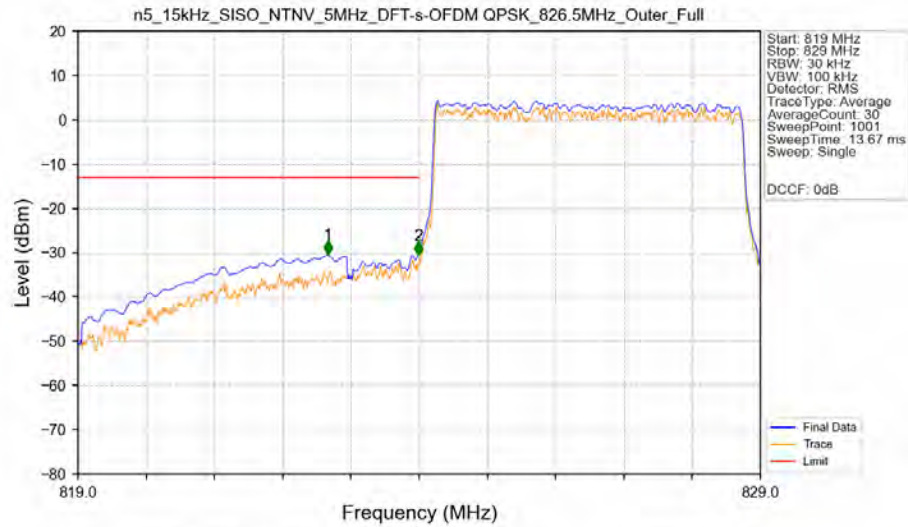
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.950	-59.52	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	870.650	-54.25	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_826.5MHz_Edge_1RB_Left_Ant13



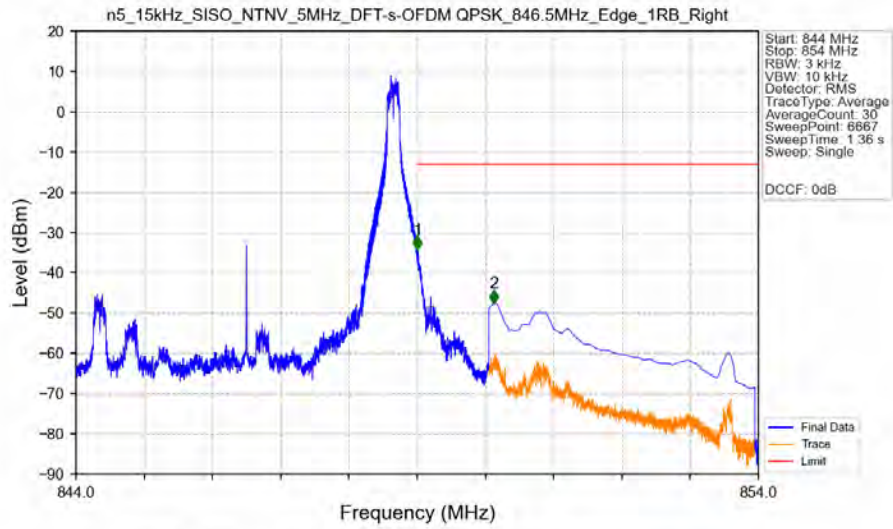
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1649.000	-49.72	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_826.5MHz_Outer_Full_Ant13



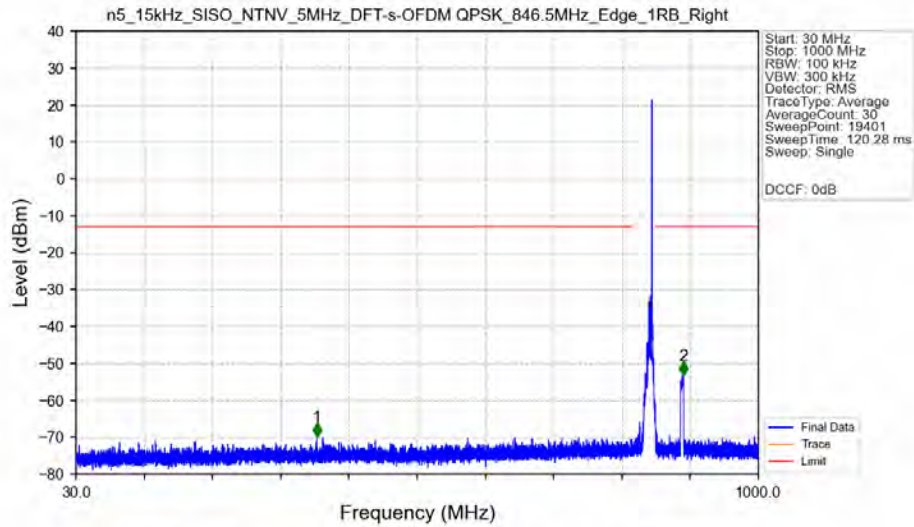
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.660	-30.47	-13	Pass
823	824	0.04986	CHP	2	823.990	-30.56	-13	Pass
824	829	0.04986	CHP	/	/	/	/	/

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_846.5MHz_Edge_1RB_Right_Ant13



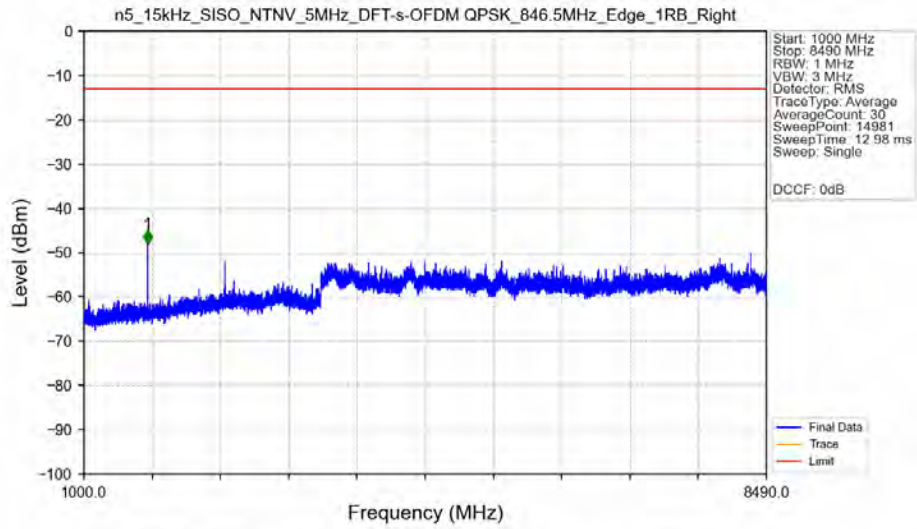
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.005	-34.15	-13	Pass
850	854	0.1	CHP	2	850.127	-47.56	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_846.5MHz_Edge_1RB_Right_Ant13



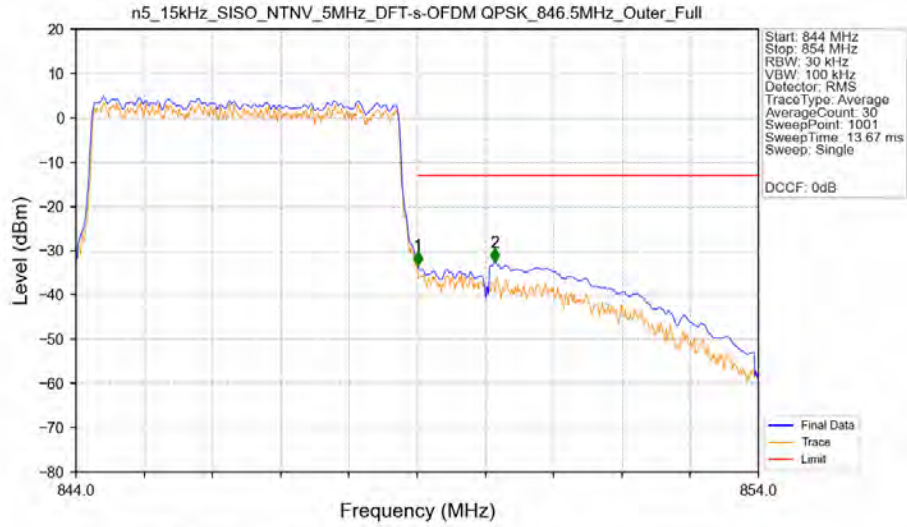
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	372.350	-69.89	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	893.100	-53.23	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_846.5MHz_Edge_1RB_Right_Ant13



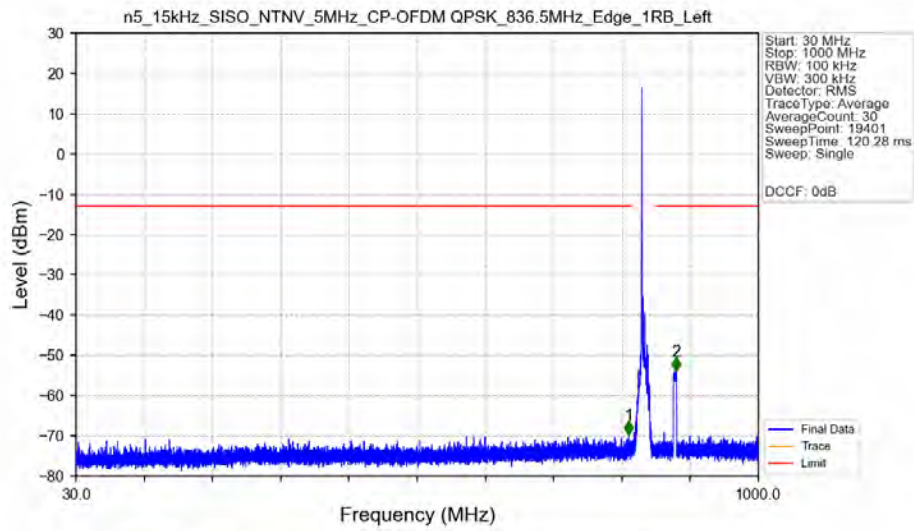
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1697.500	-48.02	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_846.5MHz_Outer_Full_Ant13

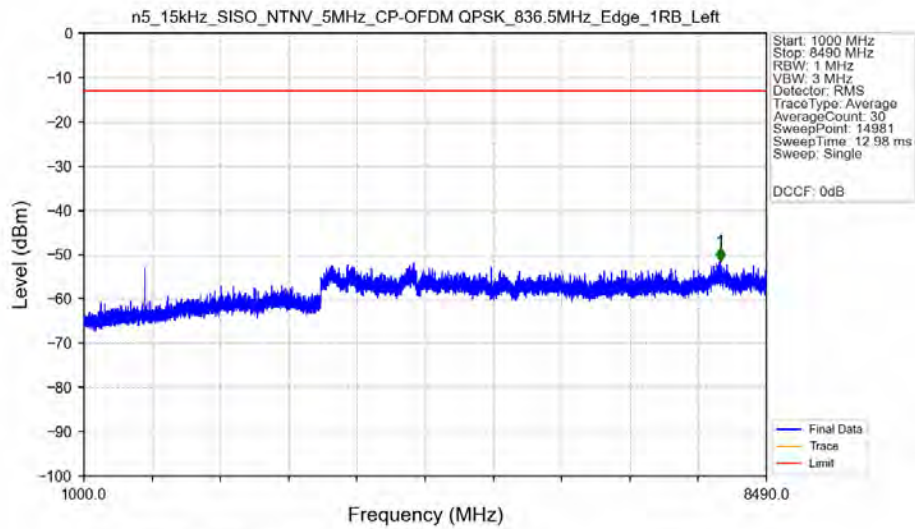


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.04971	CHP	/	/	/	/	/
849	850	0.04971	CHP	1	849.010	-33.39	-13	Pass
850	854	0.1	CHP	2	850.140	-32.60	-13	Pass

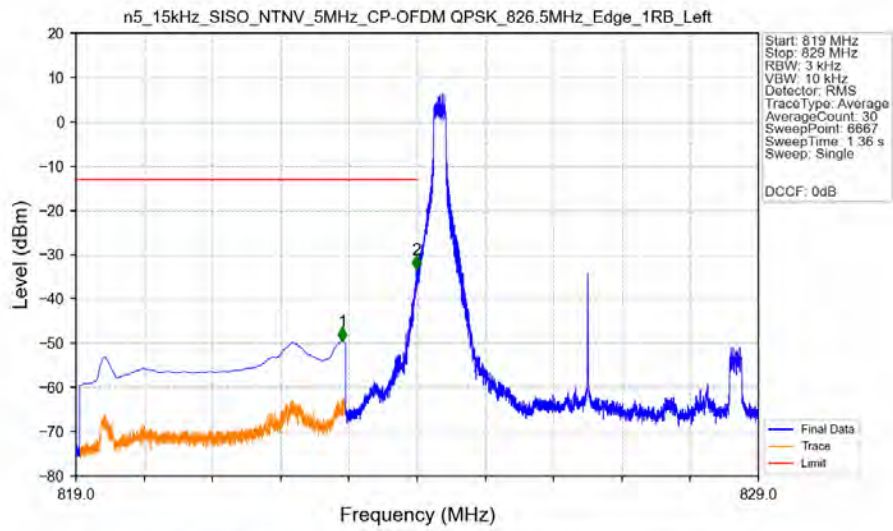
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_836.5MHz_Edge_1RB_Left Ant13



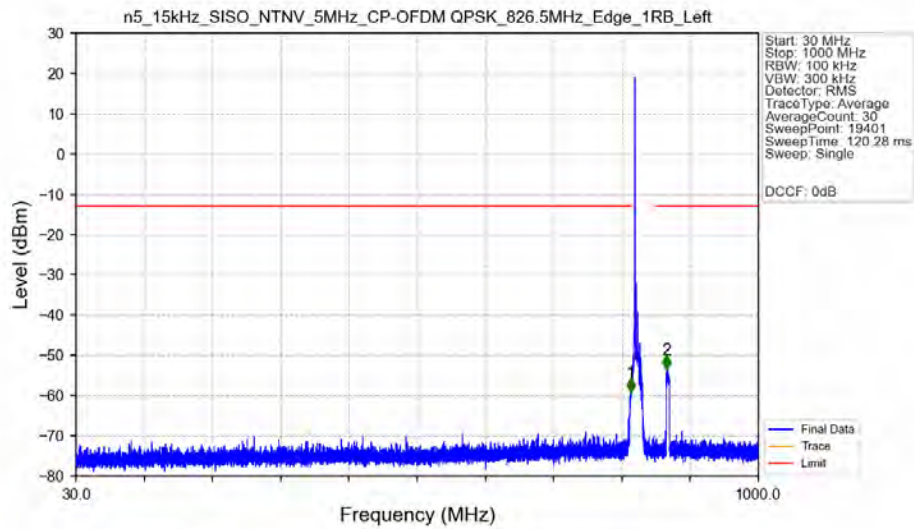
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_836.5MHz_Edge_1RB_Left Ant13



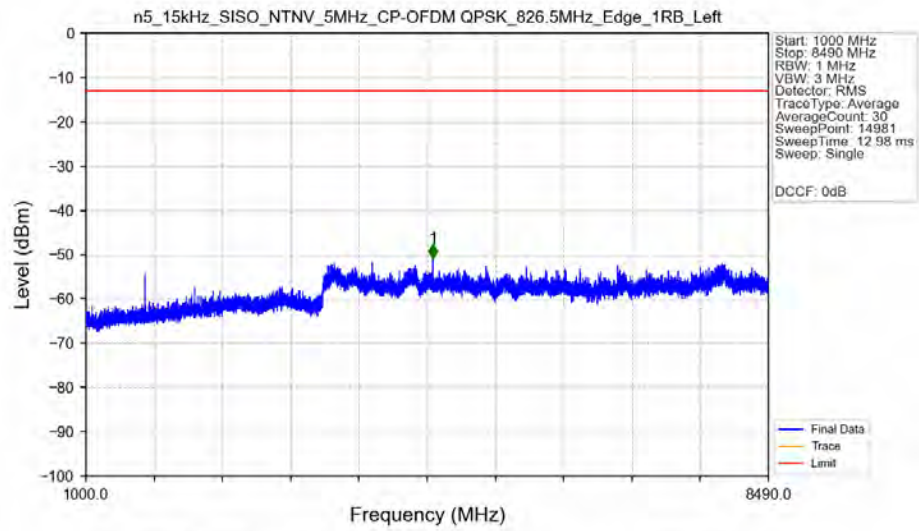
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_826.5MHz_Edge_1RB_Left Ant13



n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_826.5MHz_Edge_1RB_Left Ant13

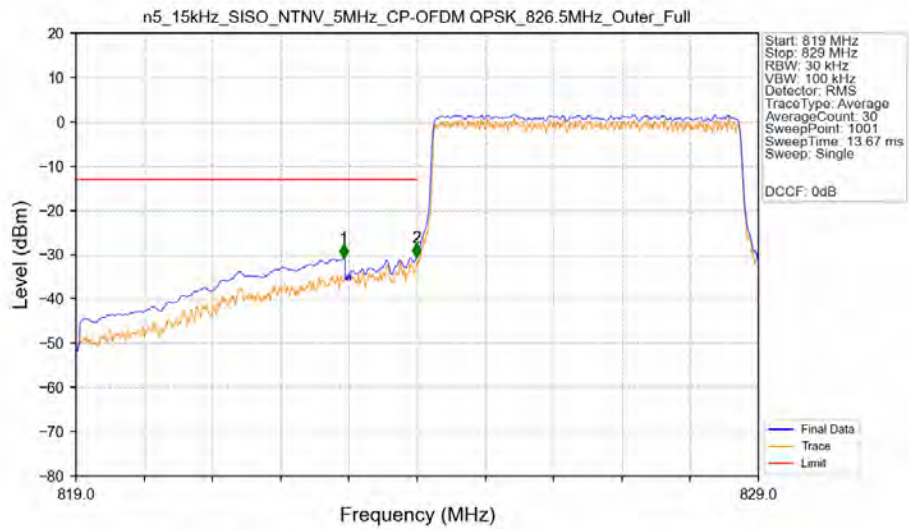


n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_826.5MHz_Edge_1RB_Left_Ant13



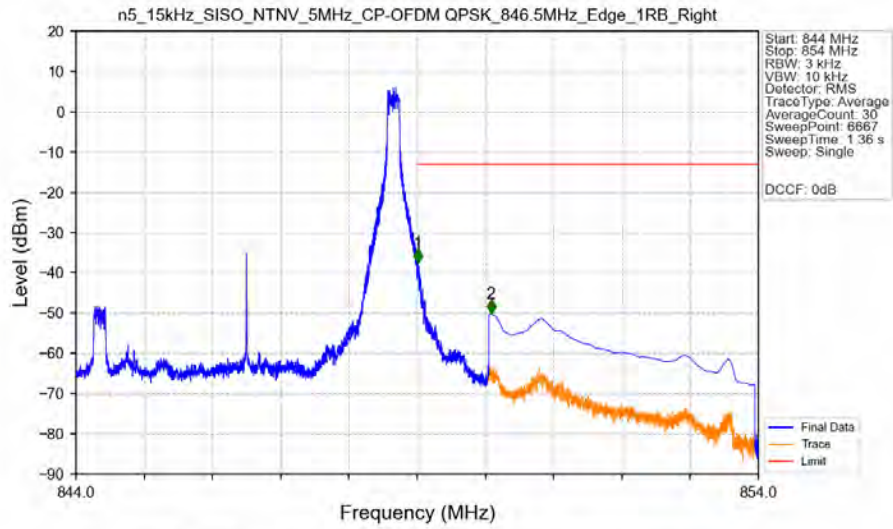
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	4808.000	-50.82	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_826.5MHz_Outer_Full_Ant13



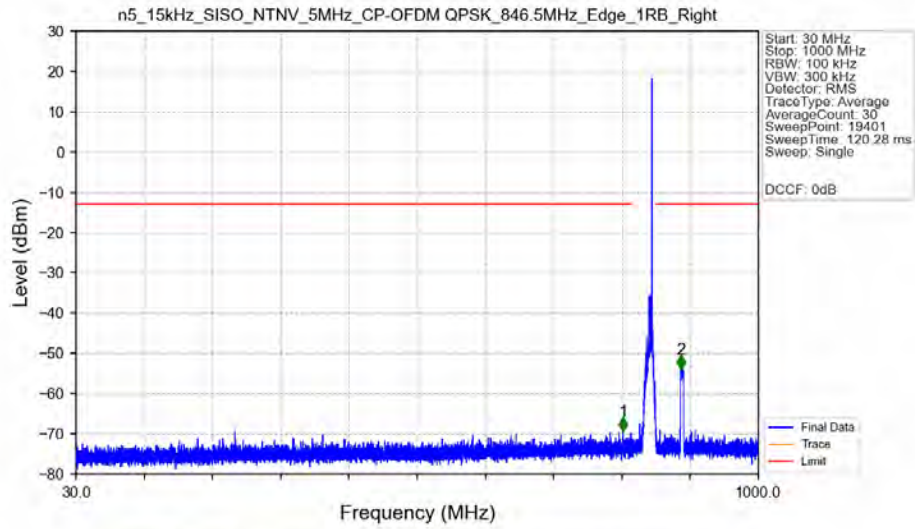
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.920	-30.83	-13	Pass
823	824	0.04986	CHP	2	823.990	-30.63	-13	Pass
824	829	0.04986	CHP	/	/	/	/	/

n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_846.5MHz_Edge_1RB_Right_Ant13



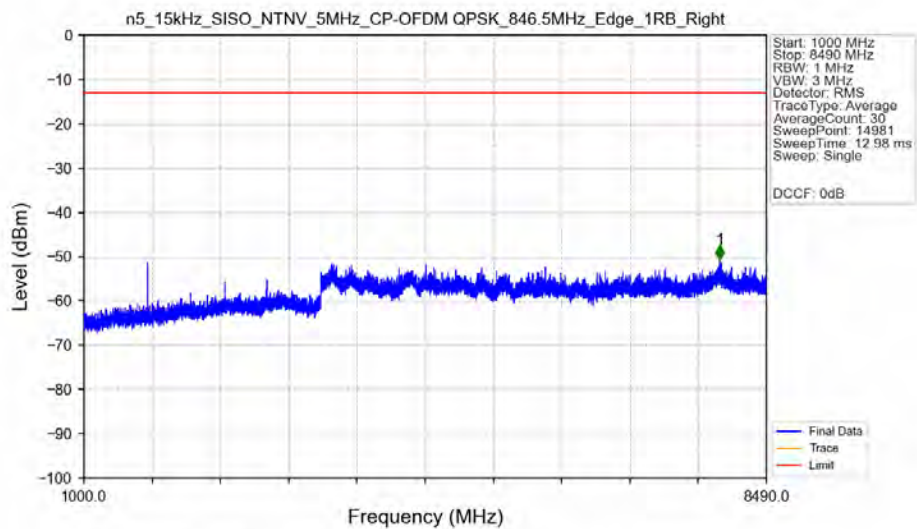
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.008	-37.49	-13	Pass
850	854	0.1	CHP	2	850.082	-50.12	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_846.5MHz_Edge_1RB_Right_Ant13



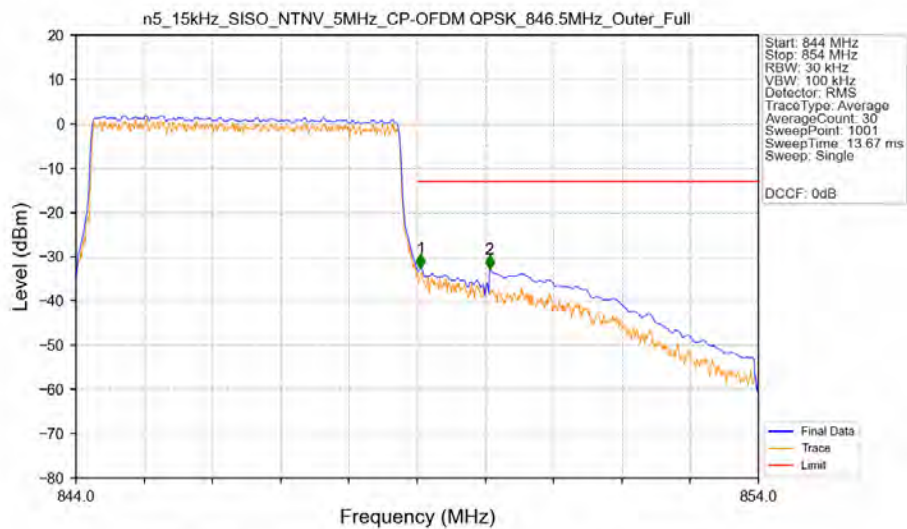
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	807.550	-69.37	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	889.750	-53.89	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_846.5MHz_Edge_1RB_Right_Ant13



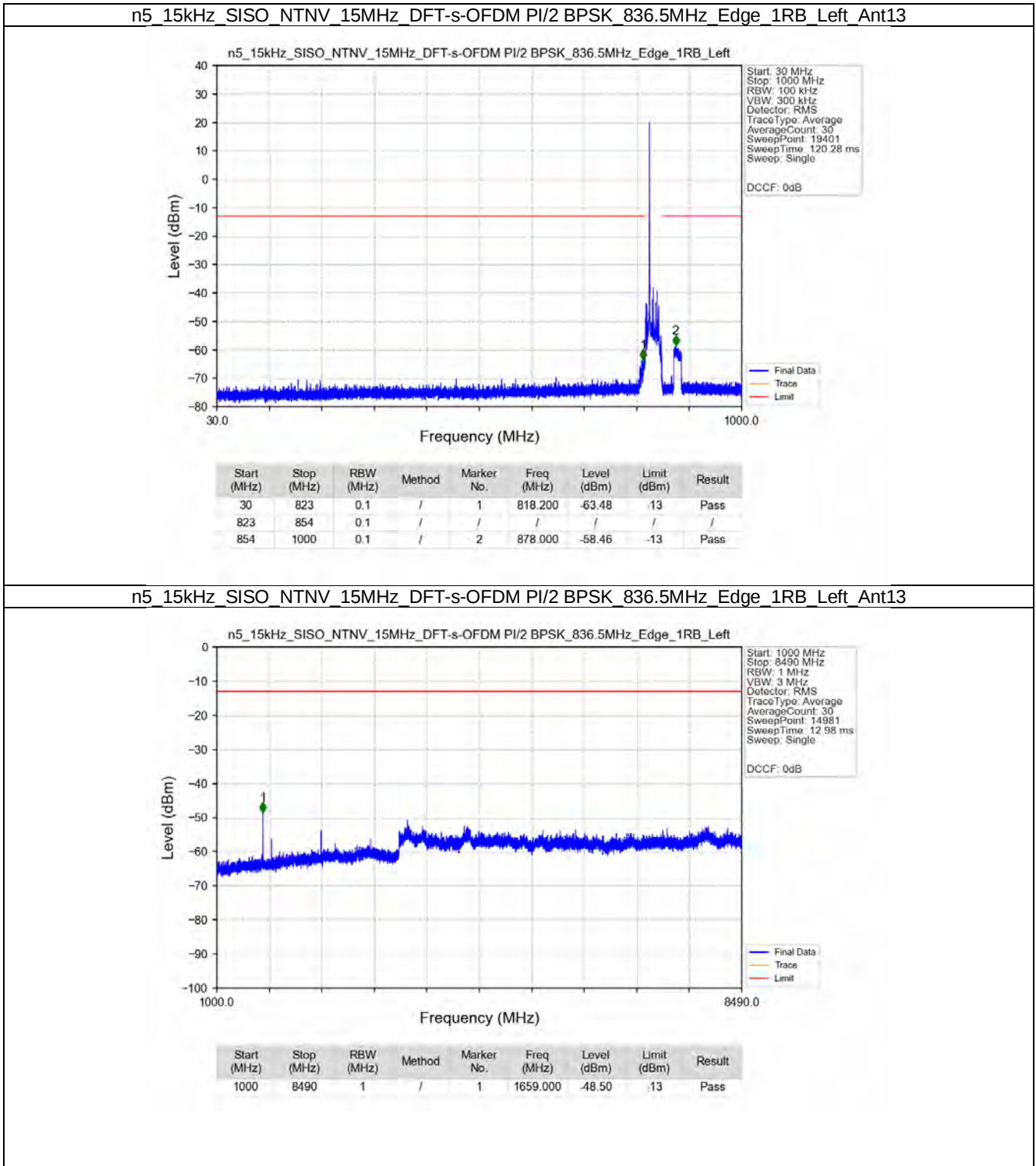
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	7978.500	-50.58	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_846.5MHz_Outer_Full_Ant13

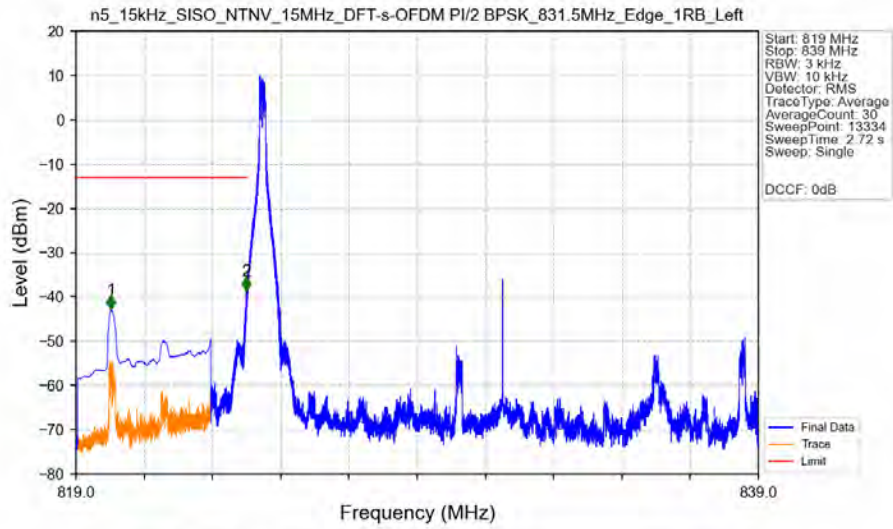


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.04986	CHP	/	/	/	/	/
849	850	0.04986	CHP	1	849.050	-32.54	-13	Pass
850	854	0.1	CHP	2	850.060	-32.80	-13	Pass

5.2.2 15k_SISO_15MHz_NTNV

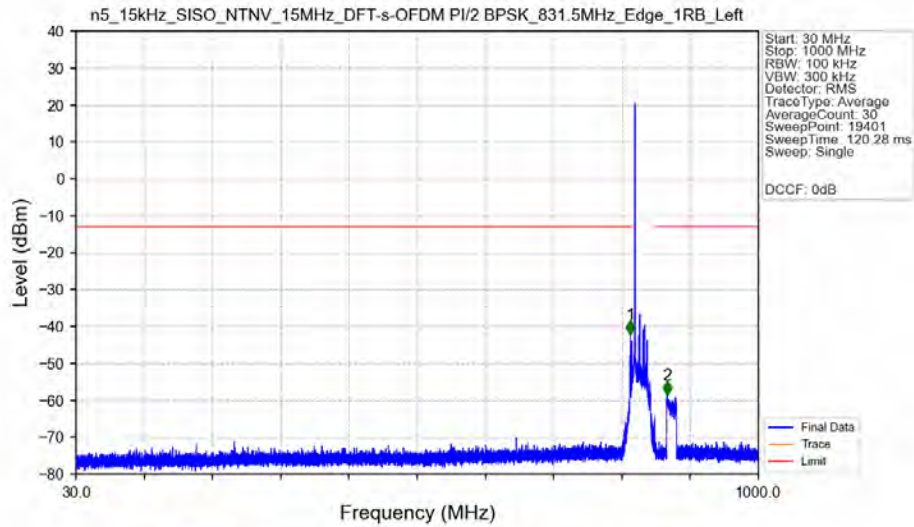


n5 15kHz SISO NTN 15MHz DFT-s-OFDM PI/2 BPSK 831.5MHz Edge 1RB Left Ant13



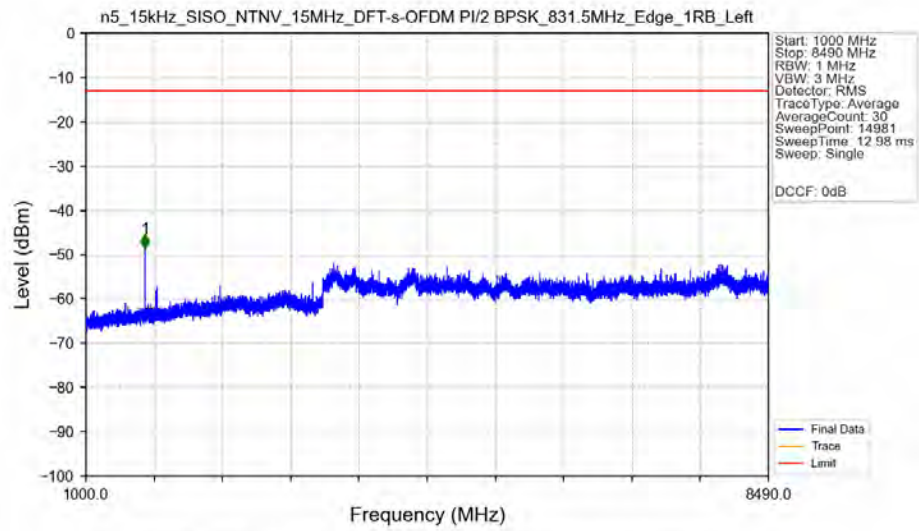
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	820.025	-42.74	-13	Pass
823	824	0.003	/	2	823.994	-38.66	-13	Pass
824	839	0.003	/	/	/	/	/	/

n5 15kHz SISO NTN 15MHz DFT-s-OFDM PI/2 BPSK 831.5MHz Edge 1RB Left Ant13



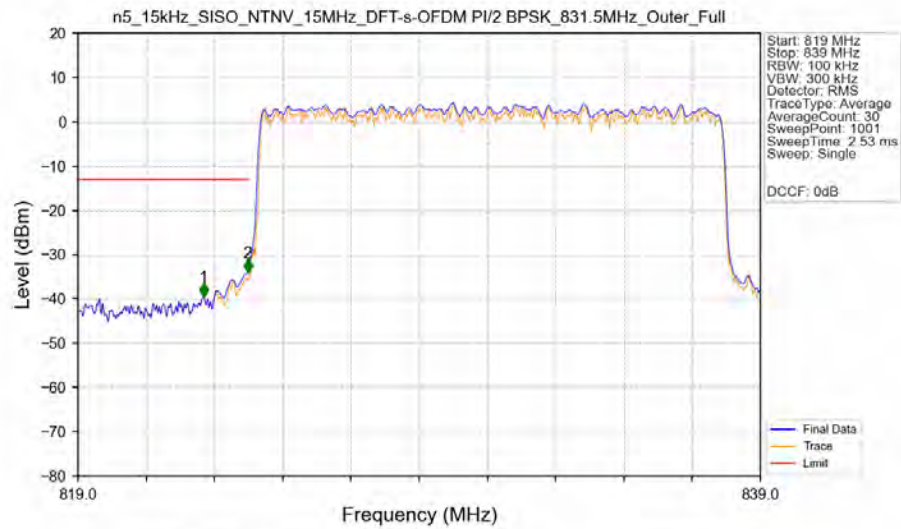
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.250	-42.08	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	870.250	-58.49	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_831.5MHz_Edge_1RB_Left_Ant13



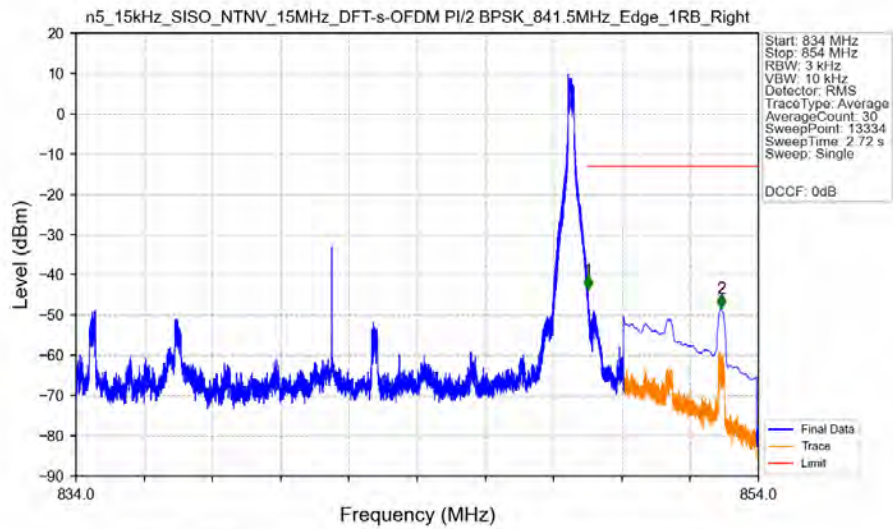
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1649.000	-48.50	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_831.5MHz_Outer_Full_Ant13



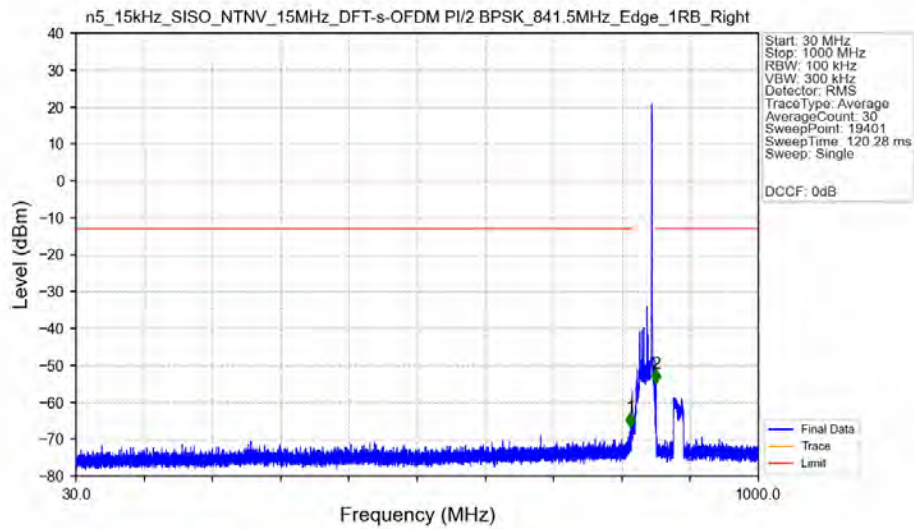
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	/	1	822.680	-39.51	-13	Pass
823	824	0.14539	CHP	2	823.980	-34.04	-13	Pass
824	839	0.14539	CHP	/	/	/	/	/

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_841.5MHz_Edge_1RB_Right_Ant13



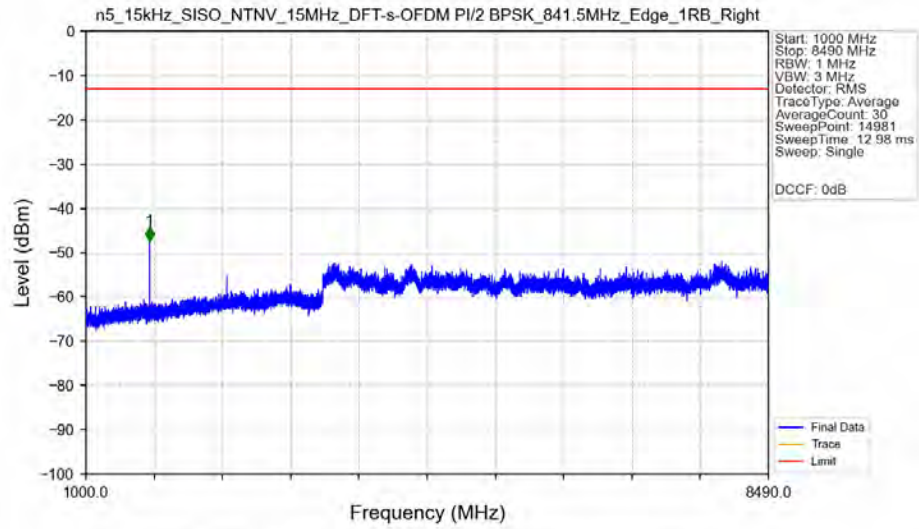
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.006	-43.75	-13	Pass
850	854	0.1	CHP	2	852.923	-48.30	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_841.5MHz_Edge_1RB_Right_Ant13



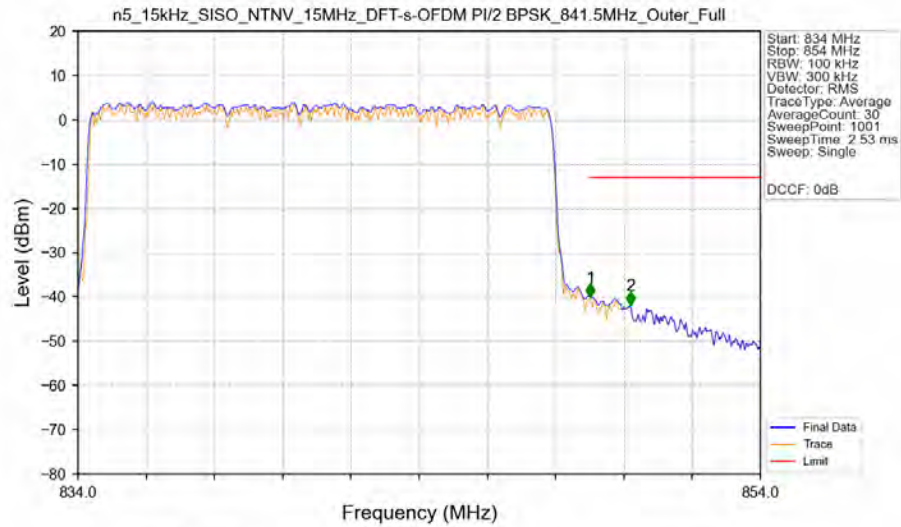
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.250	-66.56	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	854.750	-54.86	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_841.5MHz_Edge_1RB_Right_Ant13



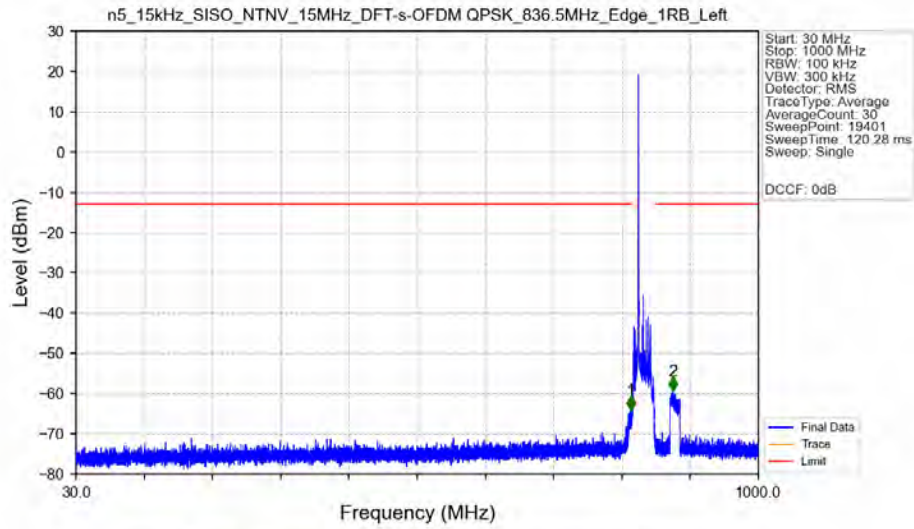
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1697.000	-47.25	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_841.5MHz_Outer_Full_Ant13



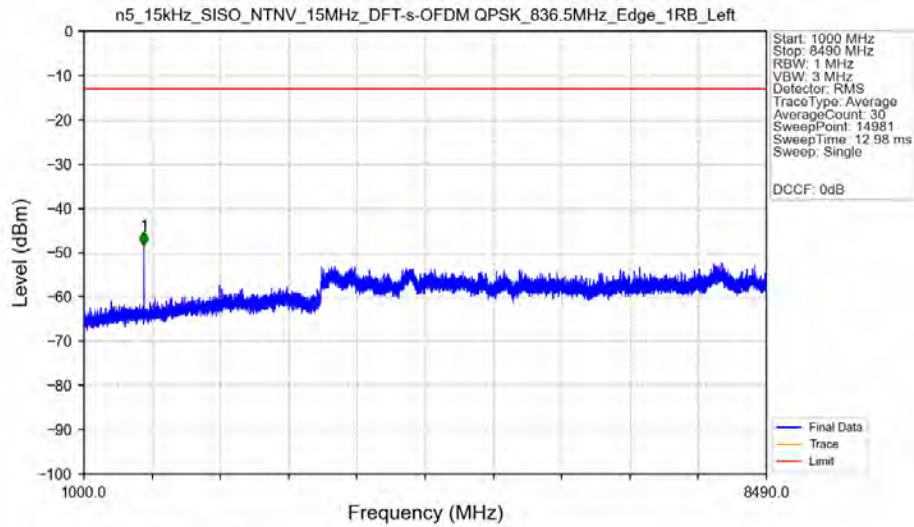
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.14559	CHP	/	/	/	/	/
849	850	0.14559	CHP	1	849.020	-40.07	-13	Pass
850	854	0.1	/	2	850.200	-41.96	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant13



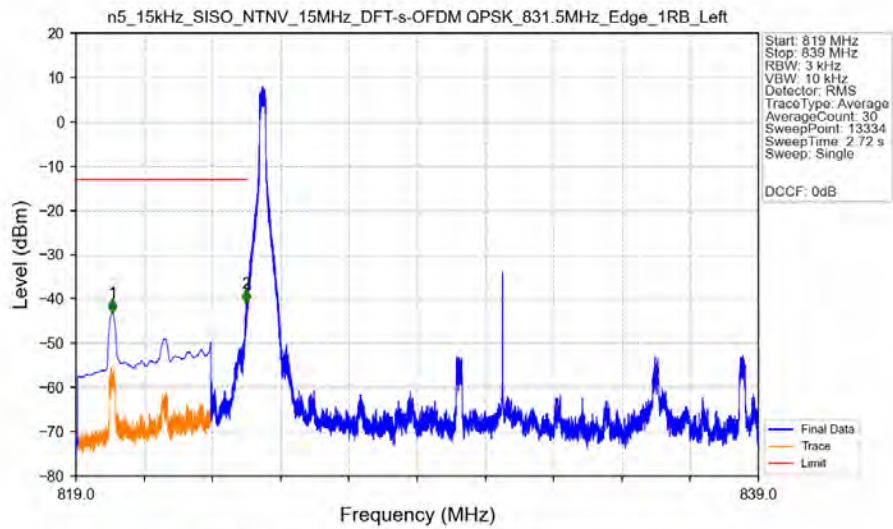
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.500	-64.12	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	878.450	-59.36	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant13



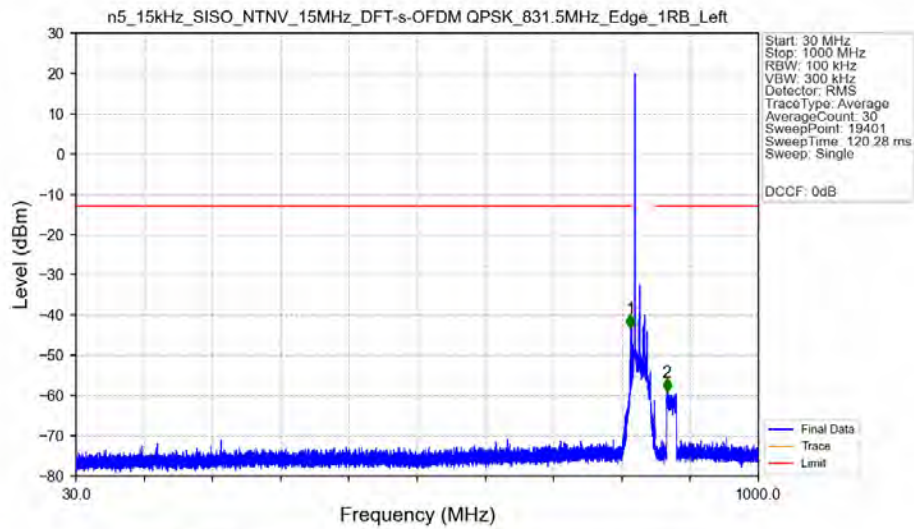
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1659.000	-48.48	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_831.5MHz_Edge_1RB_Left_Ant13



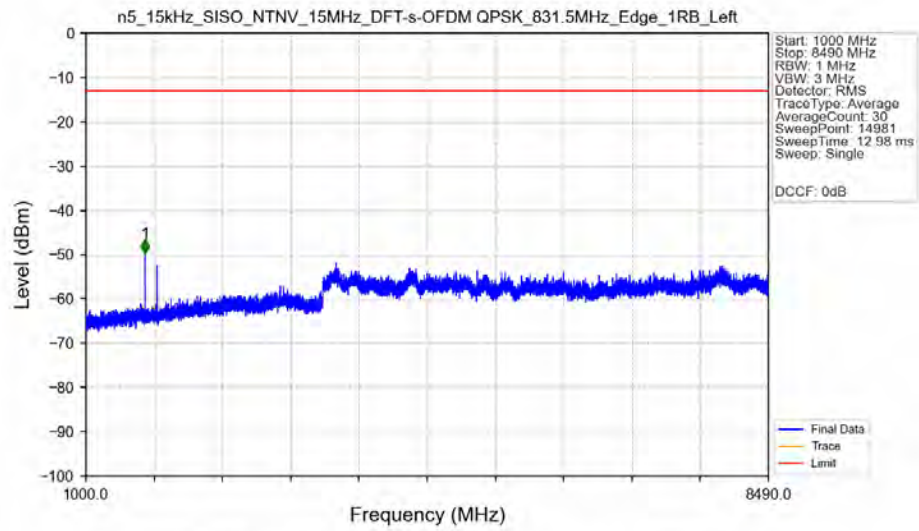
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	820.076	-43.20	-13	Pass
823	824	0.003	/	2	823.994	-41.04	-13	Pass
824	839	0.003	/	/	/	/	/	/

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_831.5MHz_Edge_1RB_Left_Ant13

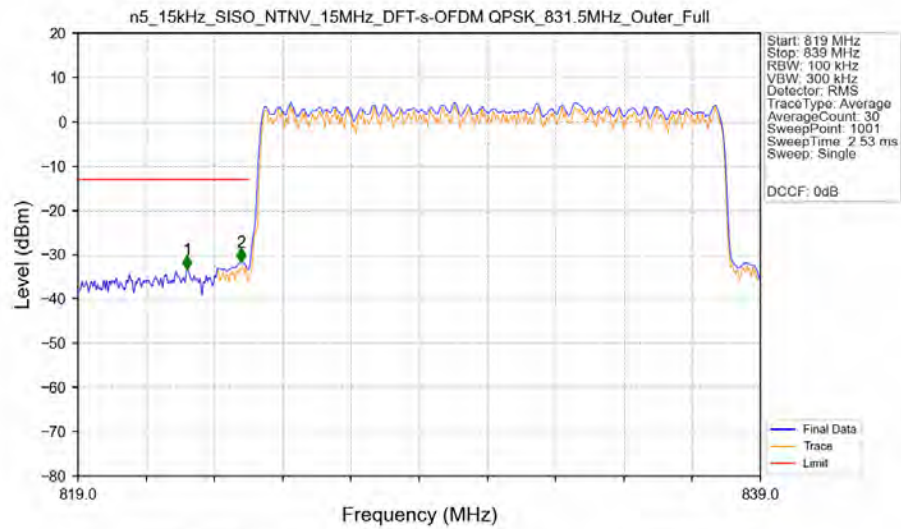


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.250	-43.29	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	870.000	-59.19	-13	Pass

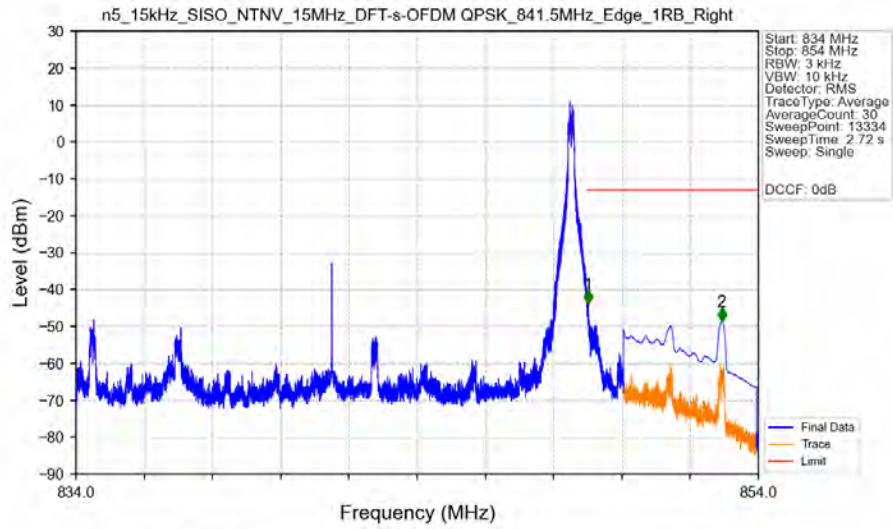
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_831.5MHz_Edge_1RB_Left_Ant13



n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_831.5MHz_Outer_Full_Ant13

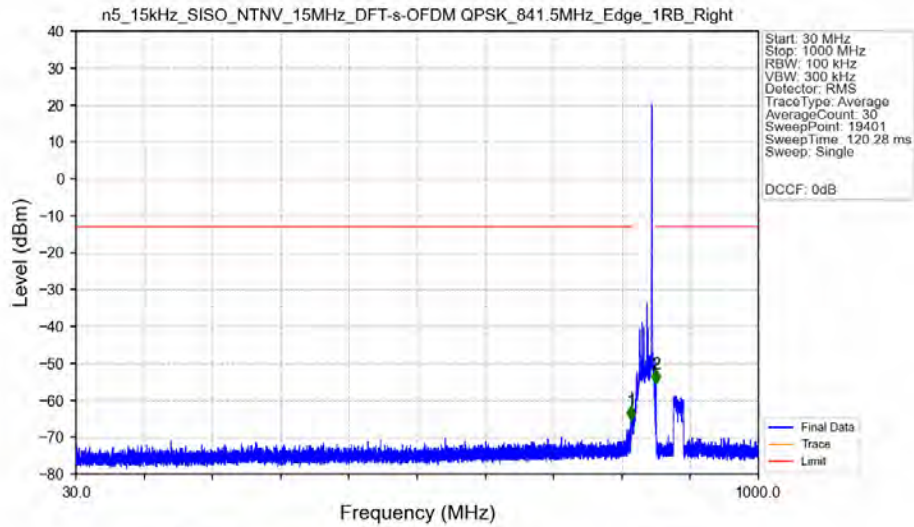


n5 15kHz SISO NTN 15MHz DFT-s-OFDM QPSK 841.5MHz Edge 1RB Right Ant13



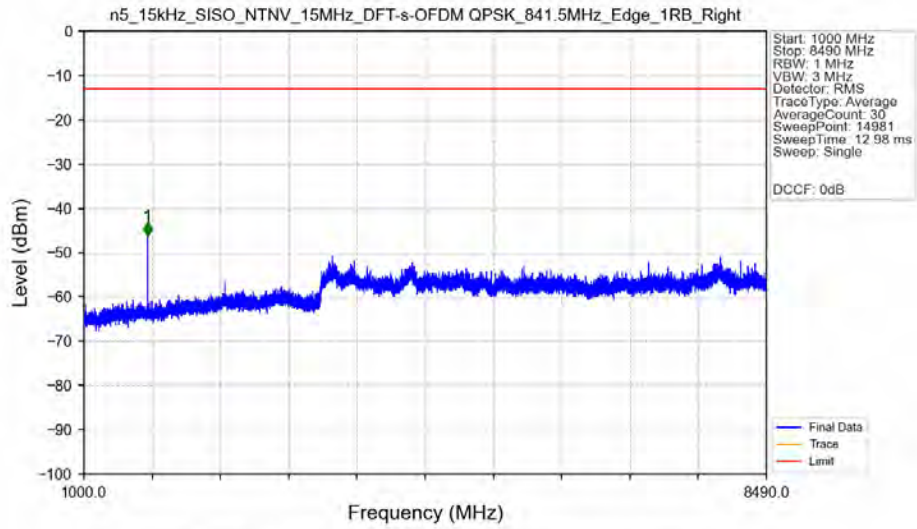
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.009	-43.79	-13	Pass
850	854	0.1	CHP	2	852.926	-48.56	-13	Pass

n5 15kHz SISO NTN 15MHz DFT-s-OFDM QPSK 841.5MHz Edge 1RB Right Ant13



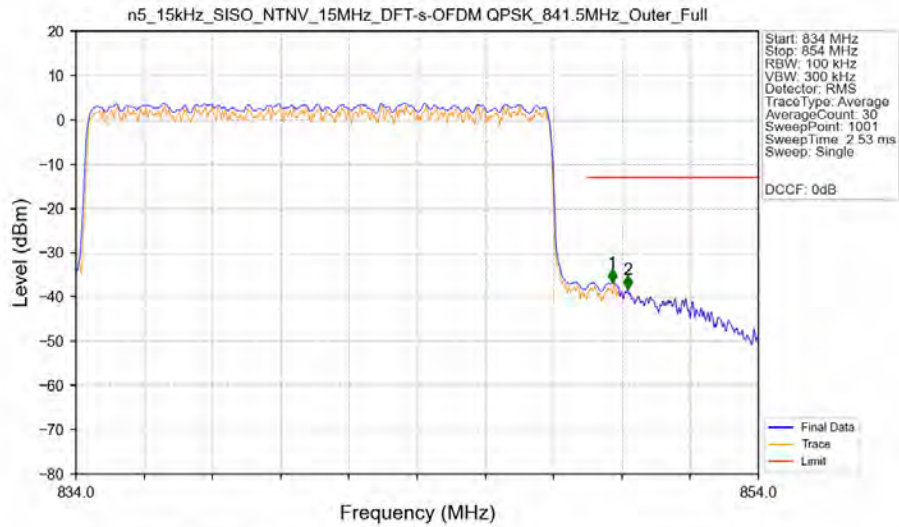
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.950	-65.39	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	854.750	-55.53	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_841.5MHz_Edge_1RB_Right_Ant13



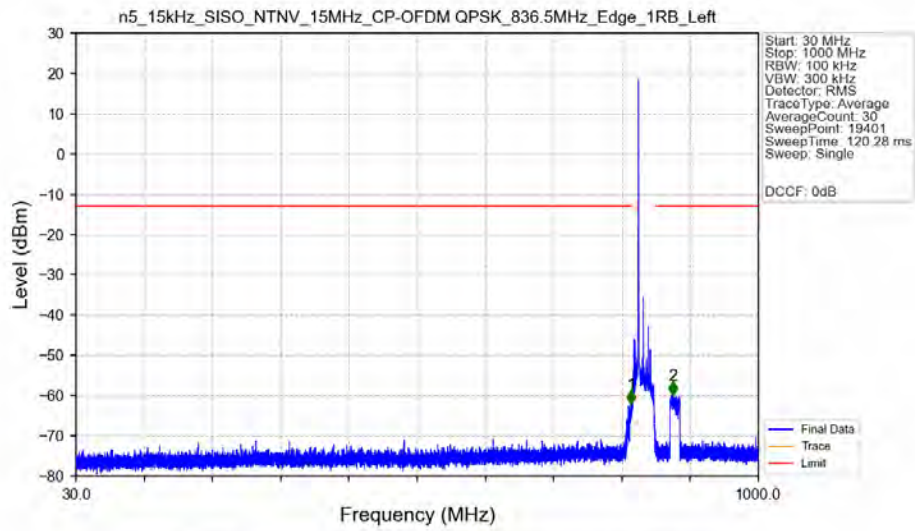
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1697.000	-46.19	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_841.5MHz_Outer_Full_Ant13

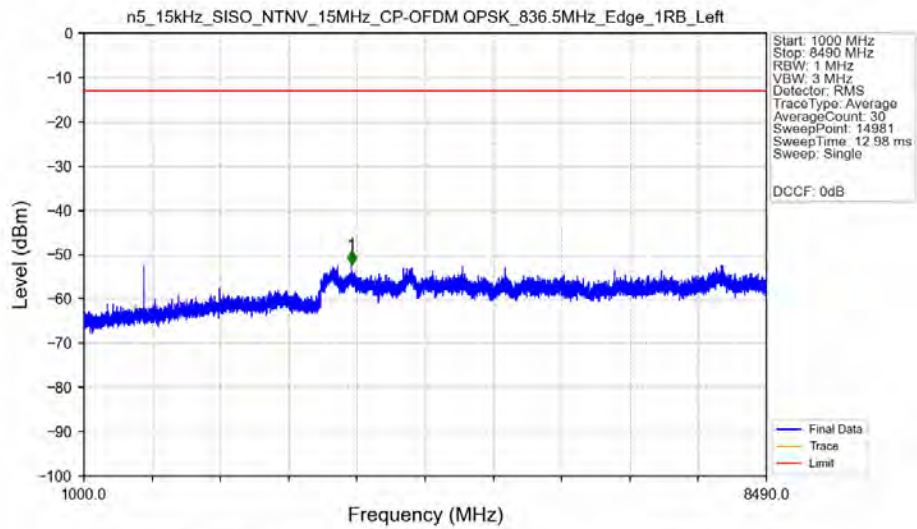


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.15552	CHP	/	/	/	/	/
849	850	0.15552	CHP	1	849.720	-36.74	-13	Pass
850	854	0.1	/	2	850.180	-38.19	-13	Pass

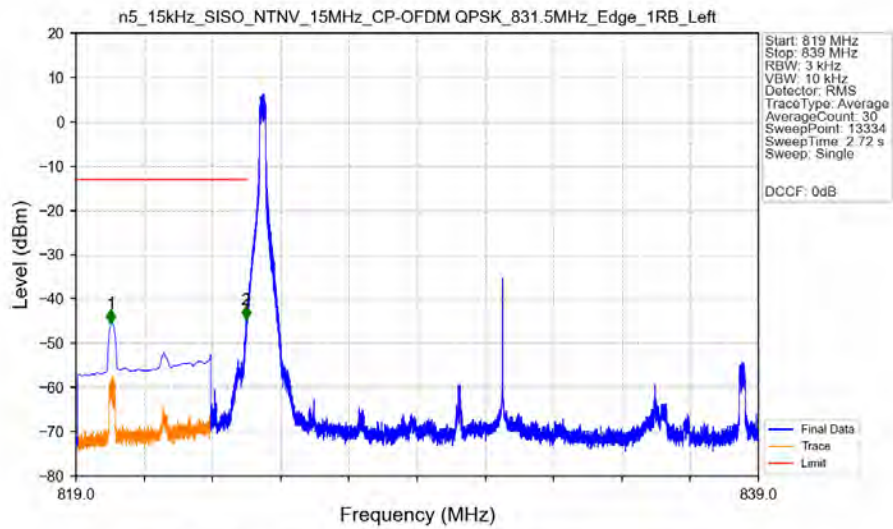
n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant13



n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant13

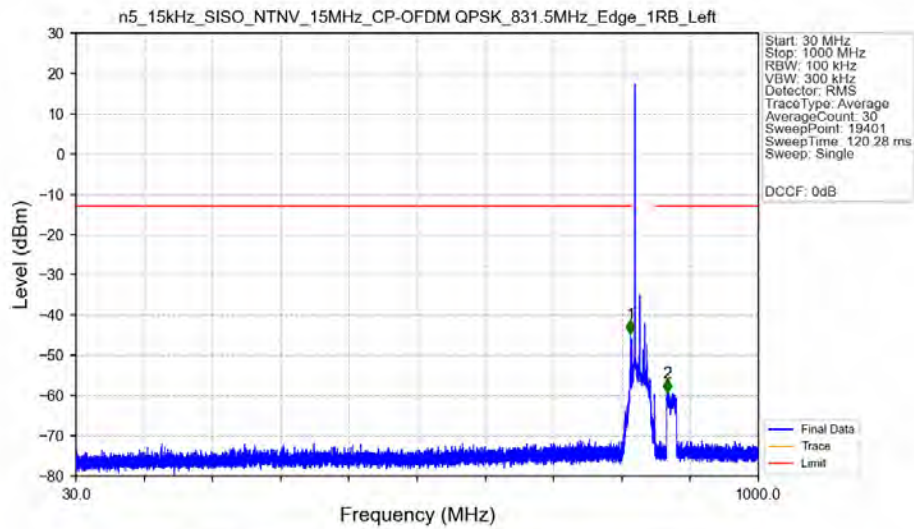


n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_831.5MHz_Edge_1RB_Left_Ant13



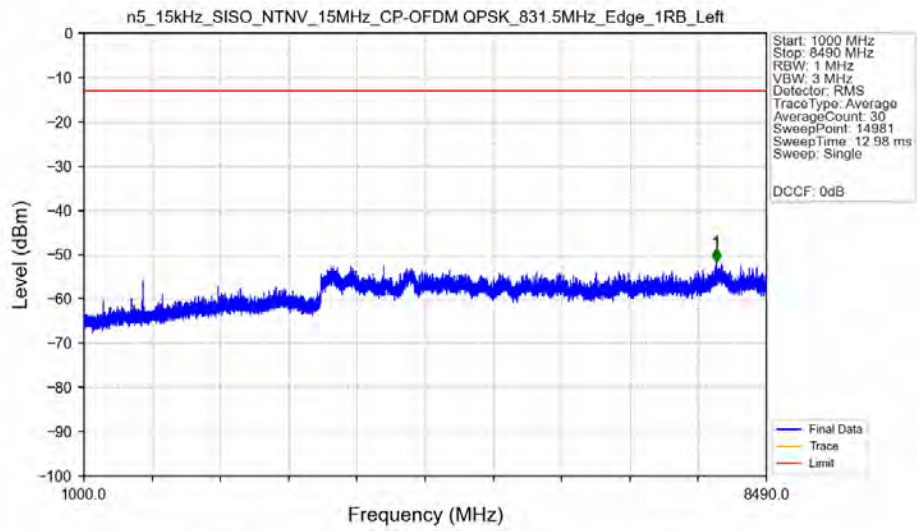
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	820.025	-45.46	-13	Pass
823	824	0.003	/	2	823.980	-44.63	-13	Pass
824	839	0.003	/	/	/	/	/	/

n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_831.5MHz_Edge_1RB_Left_Ant13



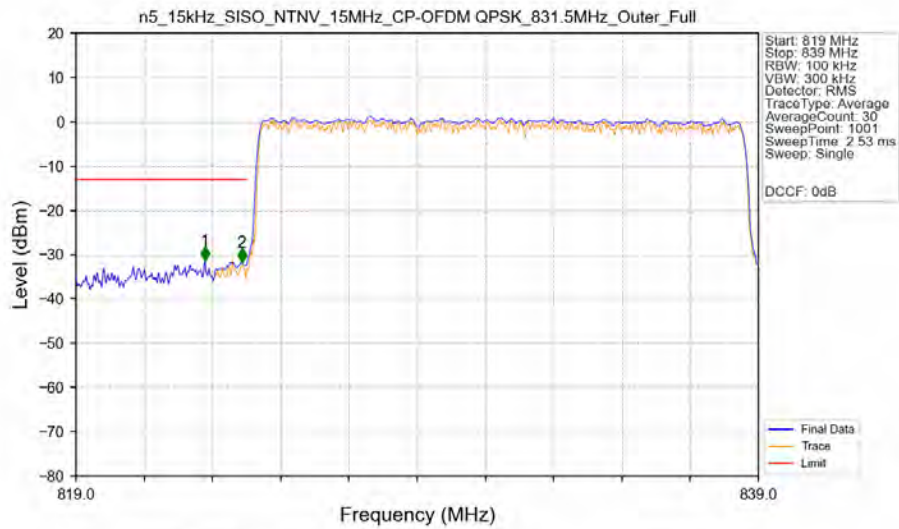
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.250	-44.69	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	870.450	-59.35	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_831.5MHz_Edge_1RB_Left_Ant13



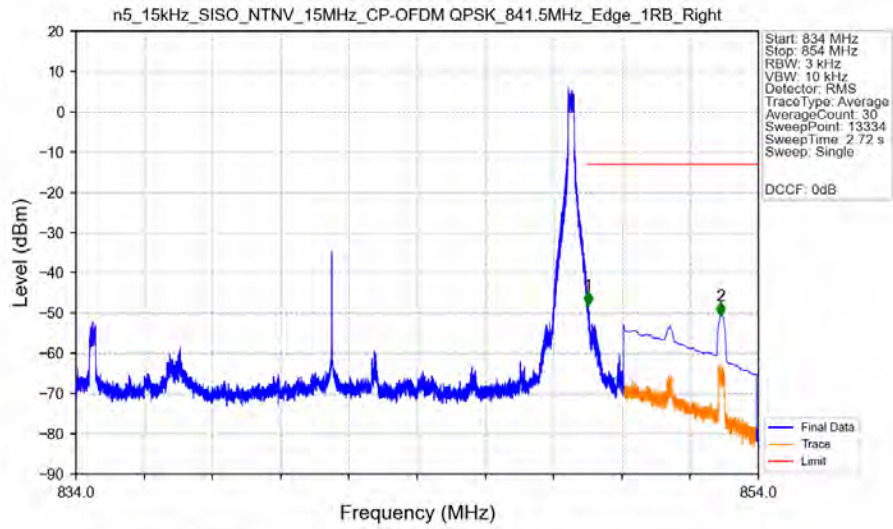
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	7941.000	-51.60	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_831.5MHz_Outer_Full_Ant13



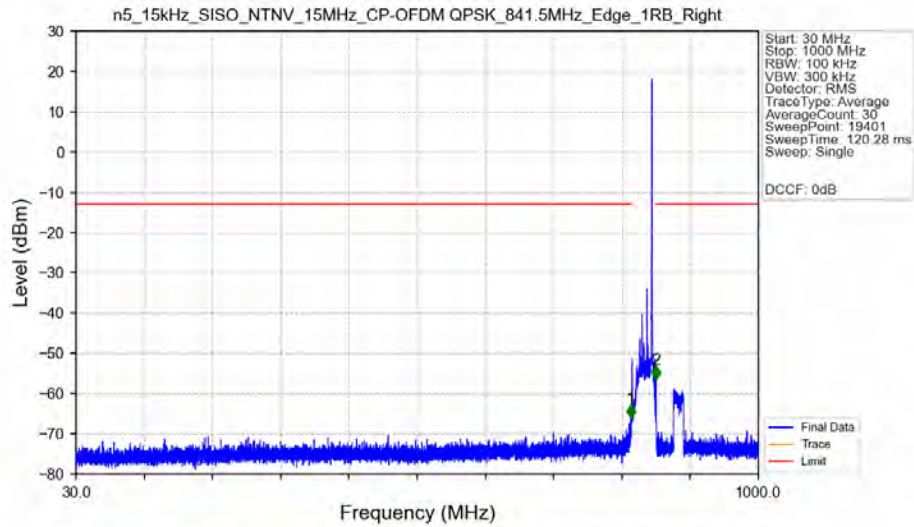
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	/	1	822.780	-31.35	-13	Pass
823	824	0.14559	CHP	2	823.860	-31.69	-13	Pass
824	839	0.14559	CHP	/	/	/	/	/

n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_841.5MHz_Edge_1RB_Right_Ant13



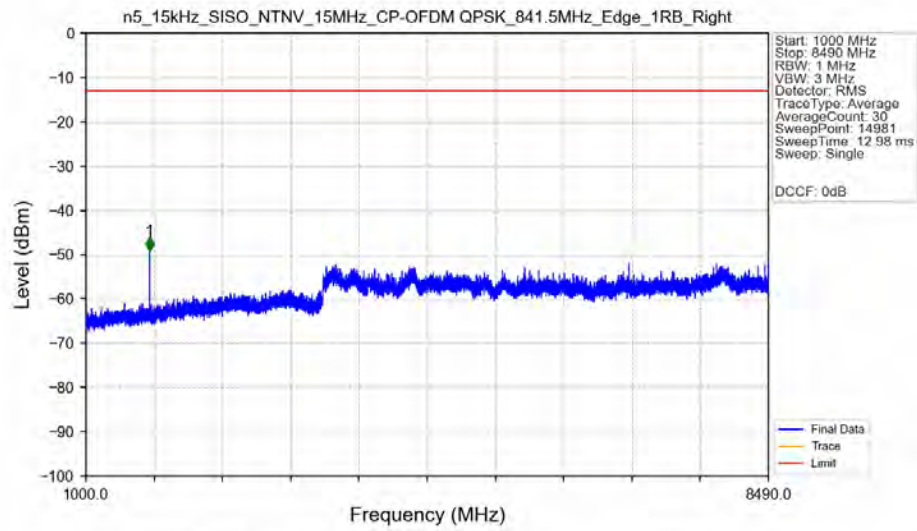
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.011	-47.98	-13	Pass
850	854	0.1	CHP	2	852.885	-50.64	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_841.5MHz_Edge_1RB_Right_Ant13

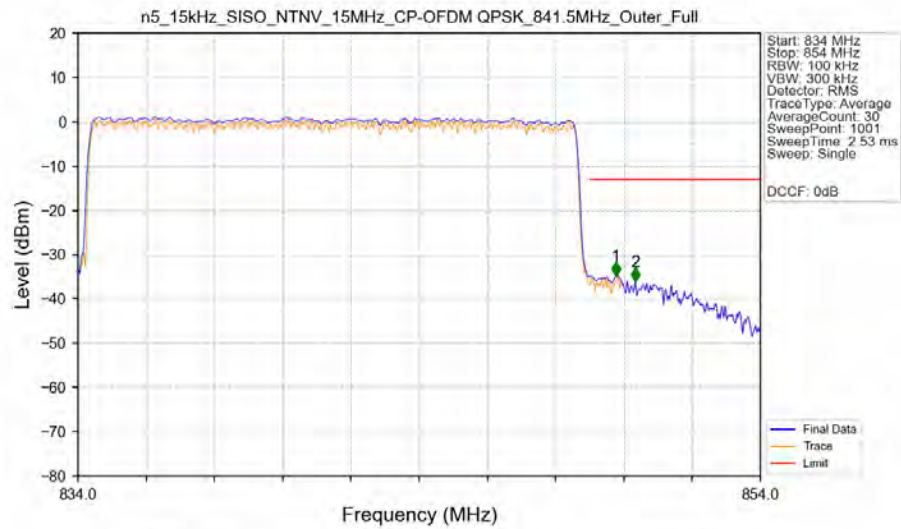


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.400	-66.18	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	854.750	-56.42	-13	Pass

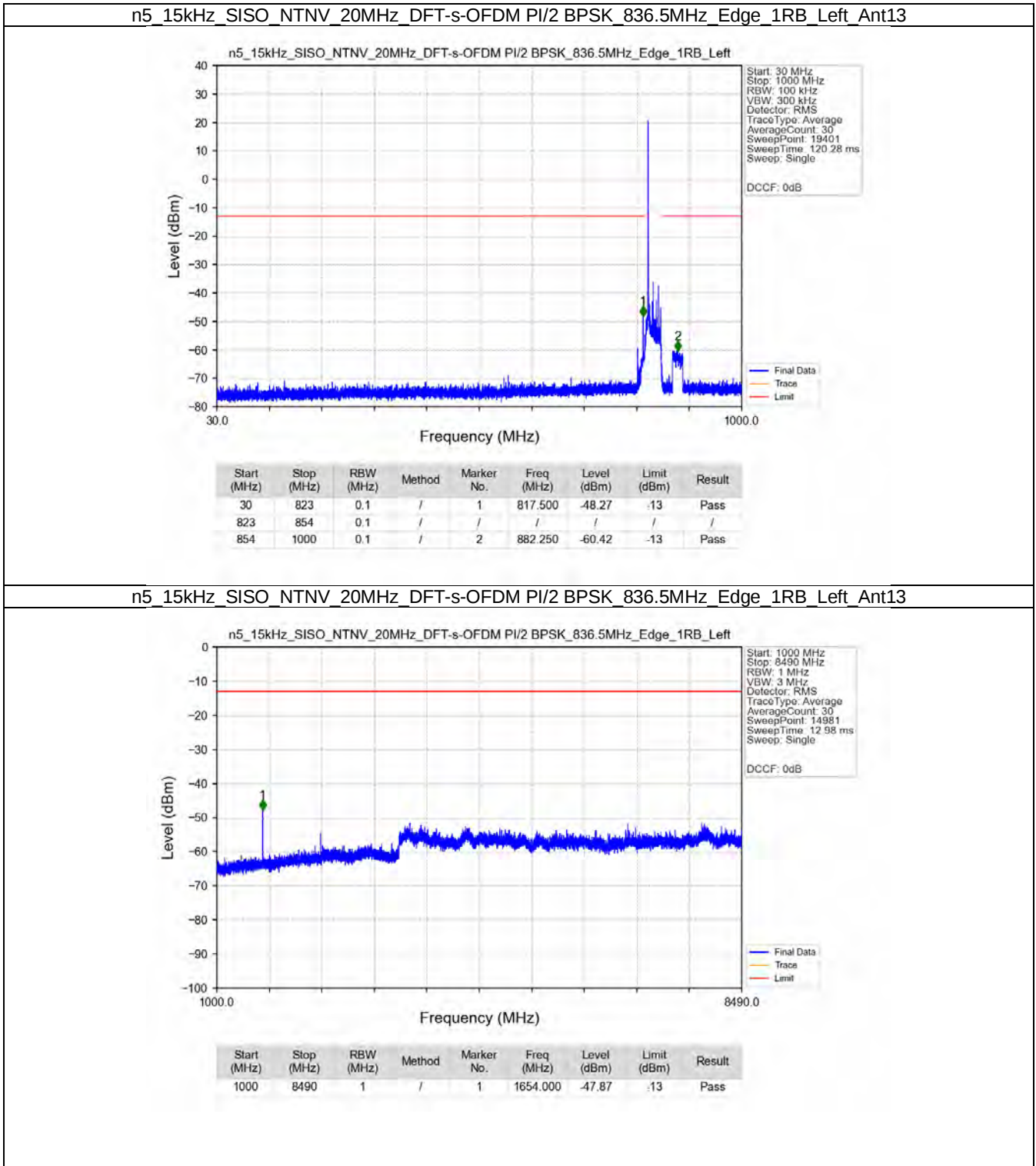
n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_841.5MHz_Edge_1RB_Right_Ant13



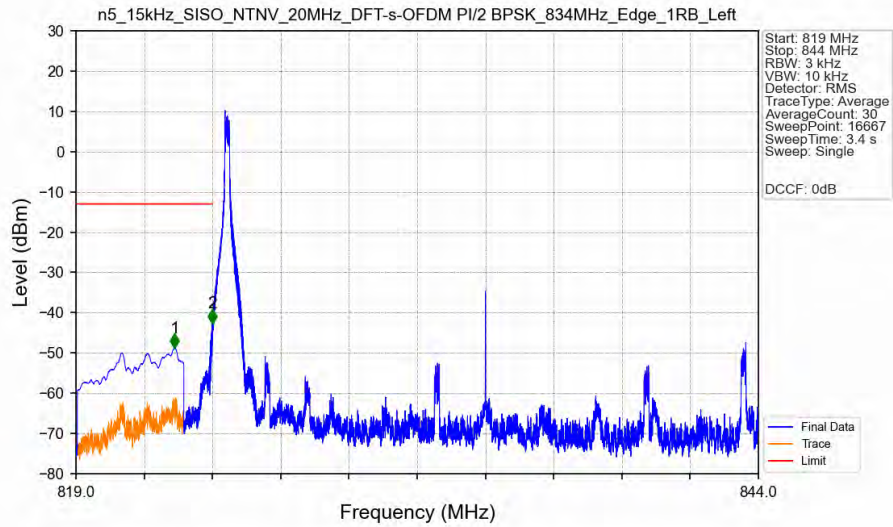
n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_841.5MHz_Outer_Full_Ant13



5.2.3 15k_SISO_20MHz_NTNV

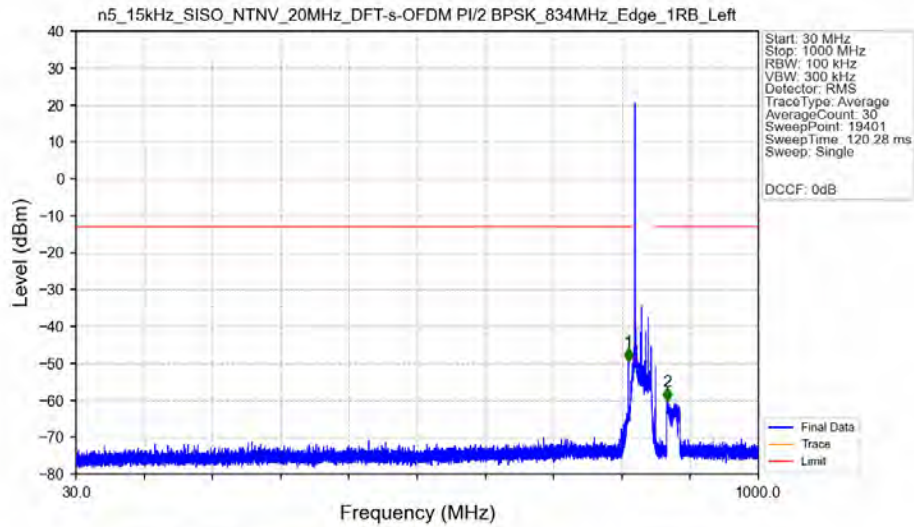


n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_834MHz_Edge_1RB_Left_Ant13



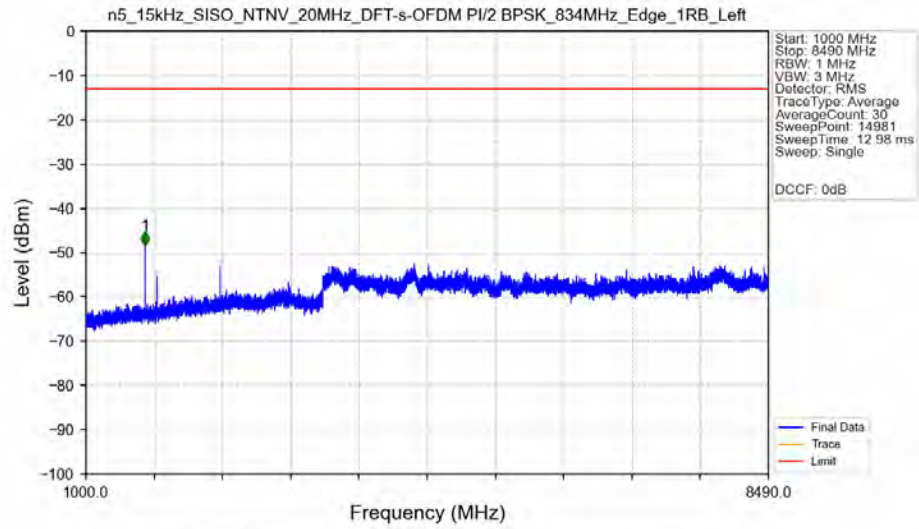
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.612	-48.67	-13	Pass
823	824	0.003	/	2	823.992	-42.57	-13	Pass
824	844	0.003	/	/	/	/	/	/

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_834MHz_Edge_1RB_Left_Ant13



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	815.050	-49.56	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	870.500	-60.29	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_834MHz_Edge_1RB_Left_Ant13



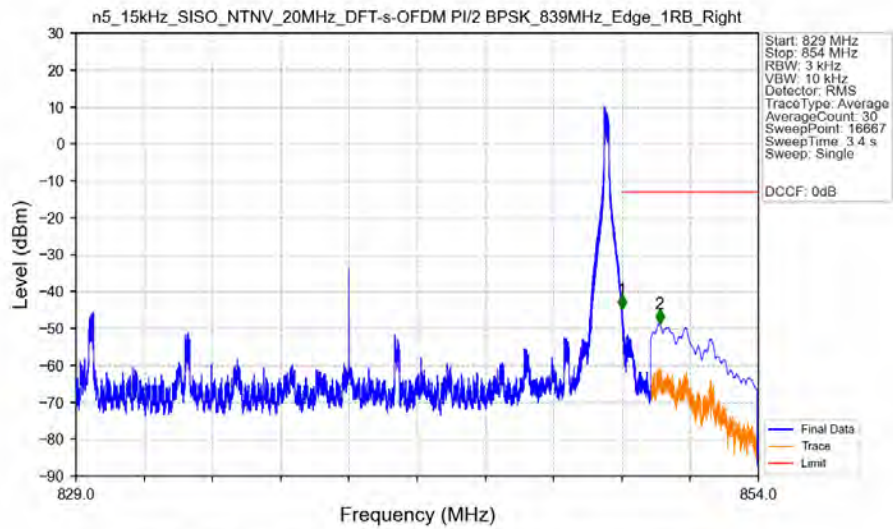
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1649.000	-48.39	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_834MHz_Outer_Full_Ant13



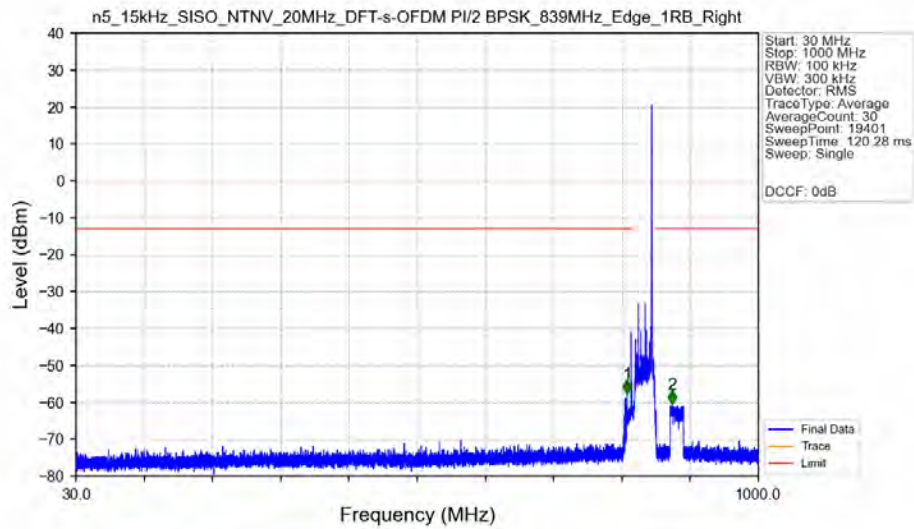
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	/	1	822.850	-36.35	-13	Pass
823	824	0.21944	CHP	2	823.825	-33.84	-13	Pass
824	844	0.21944	CHP	/	/	/	/	/

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_839MHz_Edge_1RB_Right_Ant13



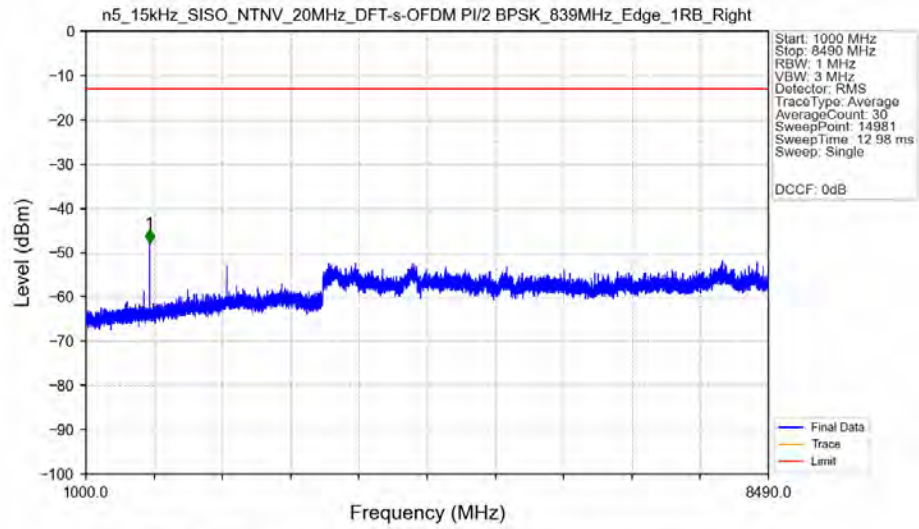
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
829	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.002	-44.76	-13	Pass
850	854	0.1	CHP	2	850.383	-48.53	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_839MHz_Edge_1RB_Right_Ant13



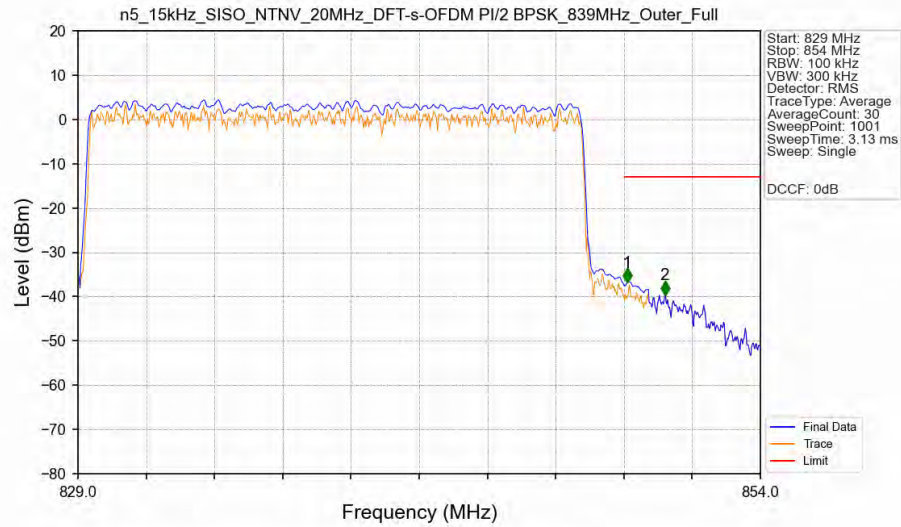
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	813.550	-57.56	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	877.850	-60.49	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_839MHz_Edge_1RB_Right_Ant13



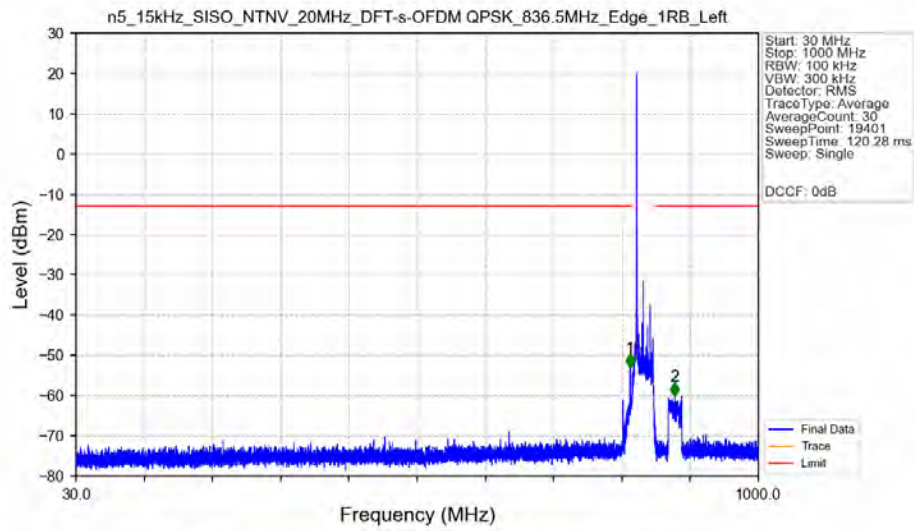
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1697.000	-47.80	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_839MHz_Outer_Full_Ant13

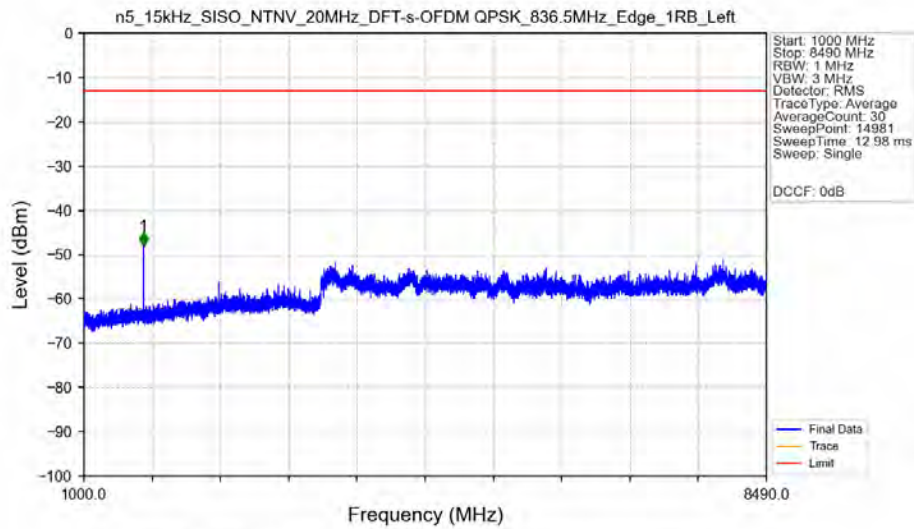


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
829	849	0.19392	CHP	/	/	/	/	/
849	850	0.19392	CHP	1	849.125	-36.69	-13	Pass
850	854	0.1	/	2	850.500	-39.60	-13	Pass

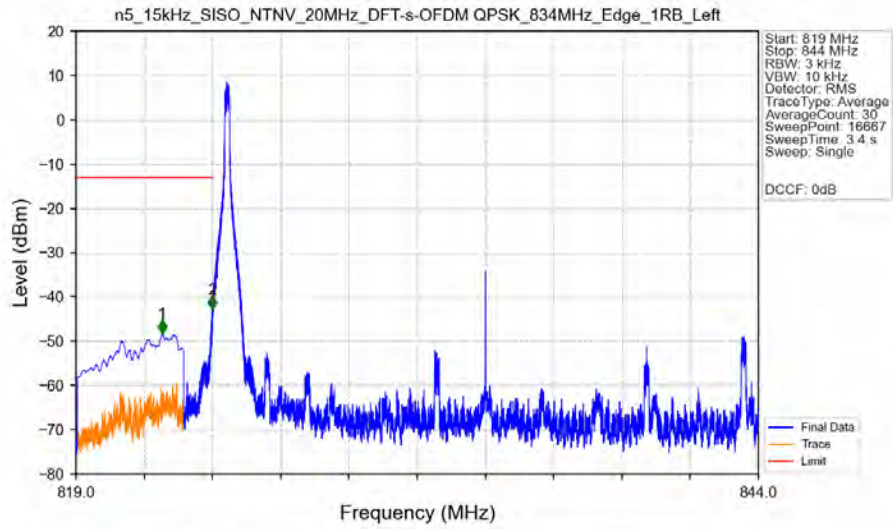
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant13



n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant13

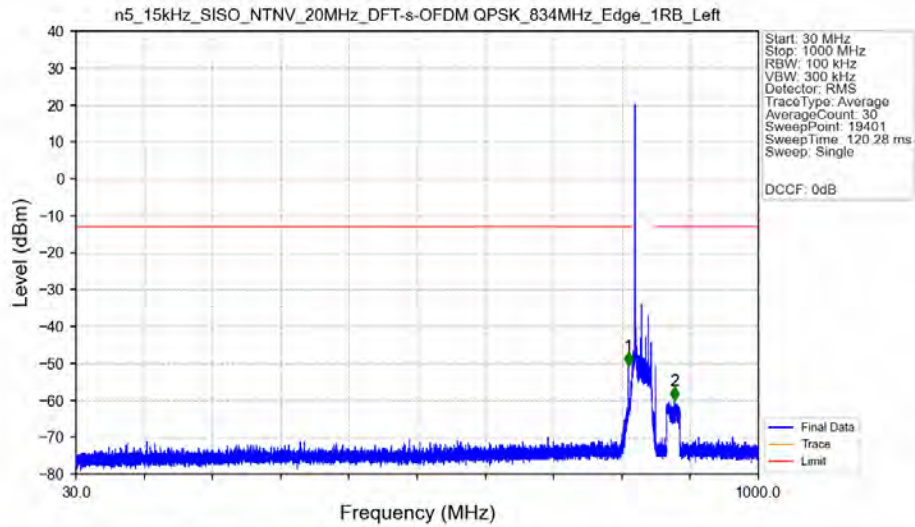


n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_834MHz_Edge_1RB_Left_Ant13



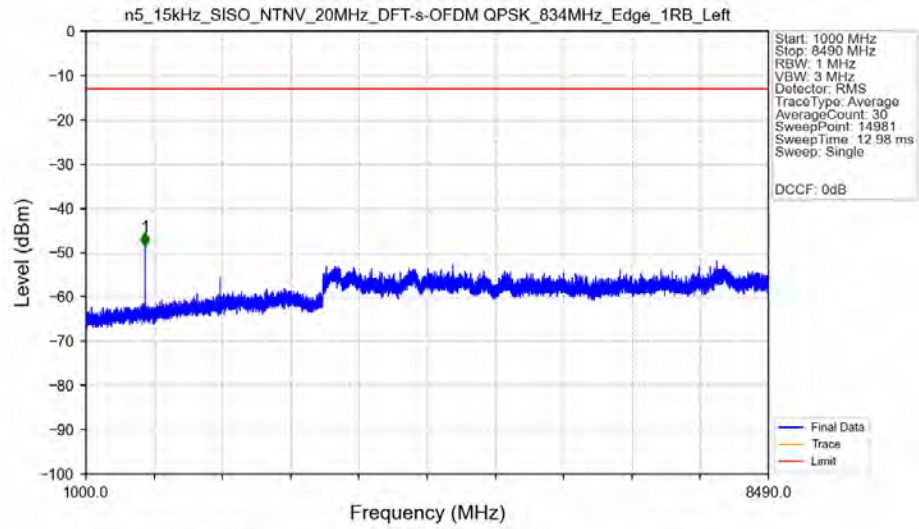
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.162	-48.28	-13	Pass
823	824	0.003	/	2	823.992	-42.74	-13	Pass
824	844	0.003	/	/	/	/	/	/

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_834MHz_Edge_1RB_Left_Ant13



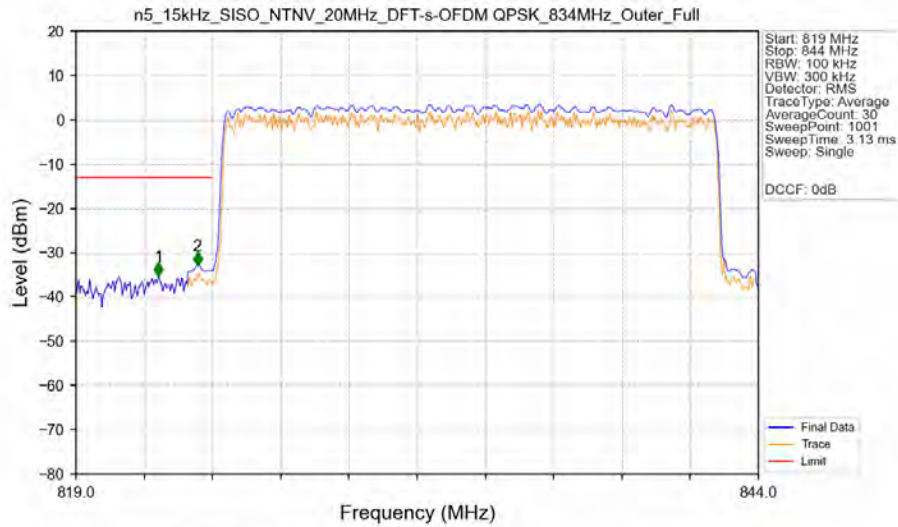
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	815.100	-50.75	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	880.450	-60.06	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_834MHz_Edge_1RB_Left_Ant13



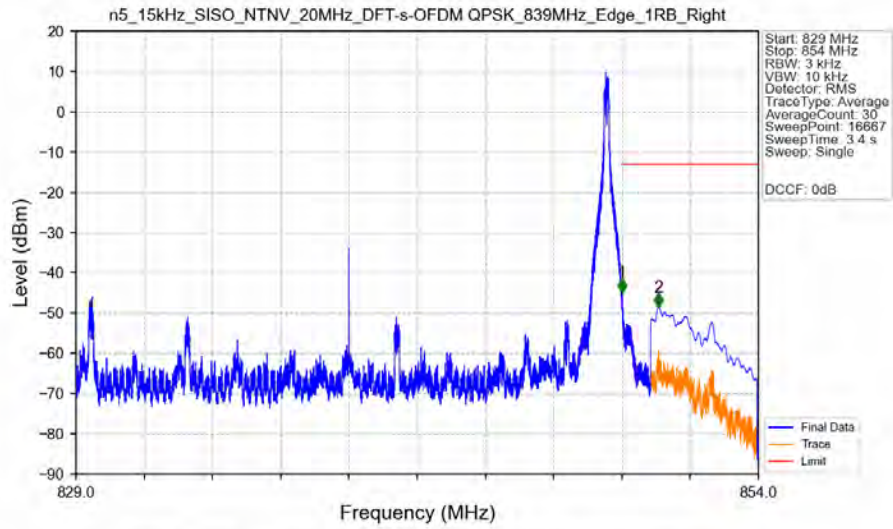
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1649.000	-48.62	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_834MHz_Outer_Full_Ant13



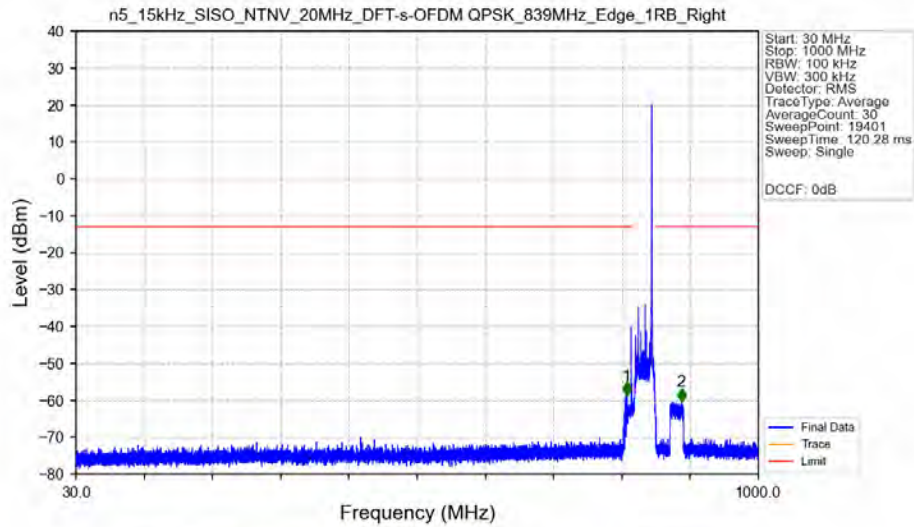
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	/	1	822.025	-35.29	-13	Pass
823	824	0.194	CHP	2	823.450	-33.00	-13	Pass
824	844	0.194	CHP	/	/	/	/	/

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_839MHz_Edge_1RB_Right_Ant13



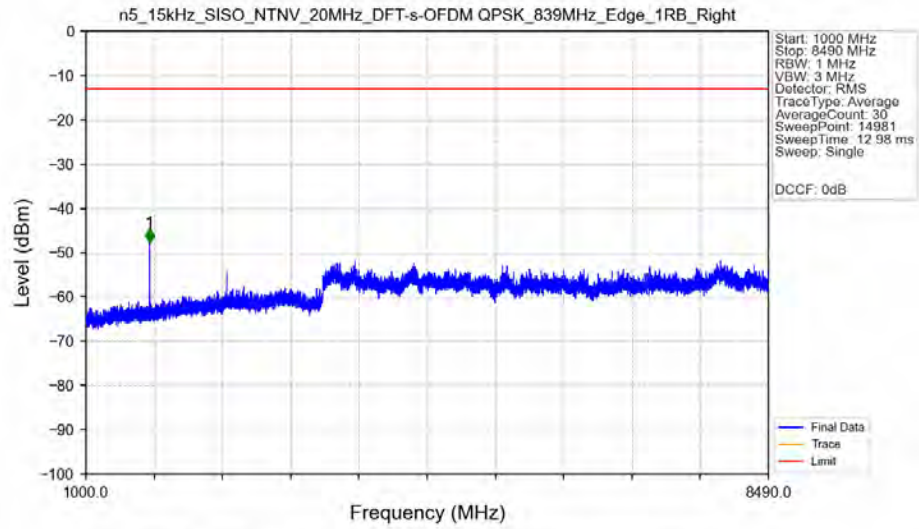
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
829	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.003	-44.89	-13	Pass
850	854	0.1	CHP	2	850.344	-48.39	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_839MHz_Edge_1RB_Right_Ant13



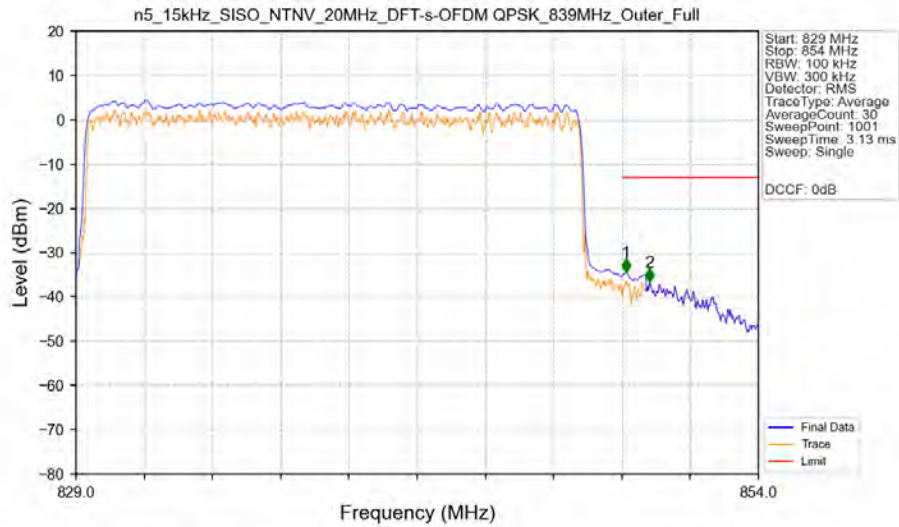
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	813.050	-58.76	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	890.650	-60.37	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_839MHz_Edge_1RB_Right_Ant13



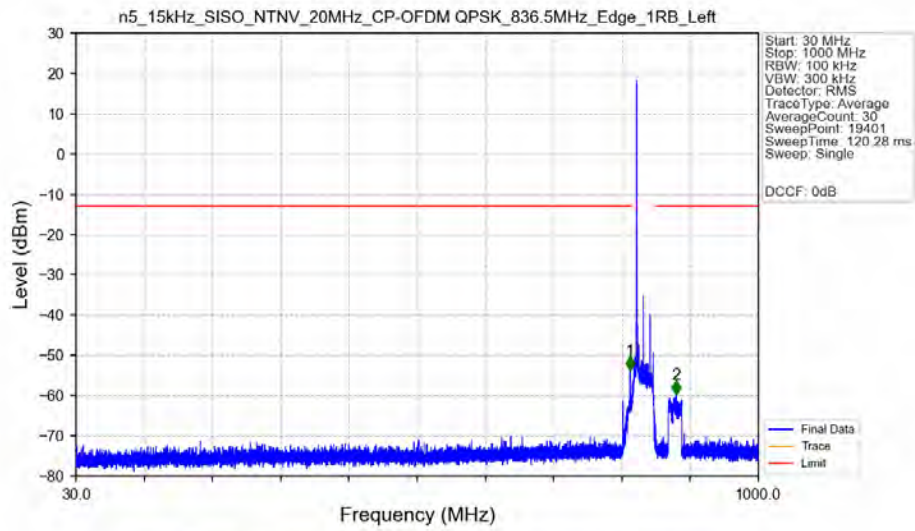
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1697.000	-47.70	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_839MHz_Outer_Full_Ant13

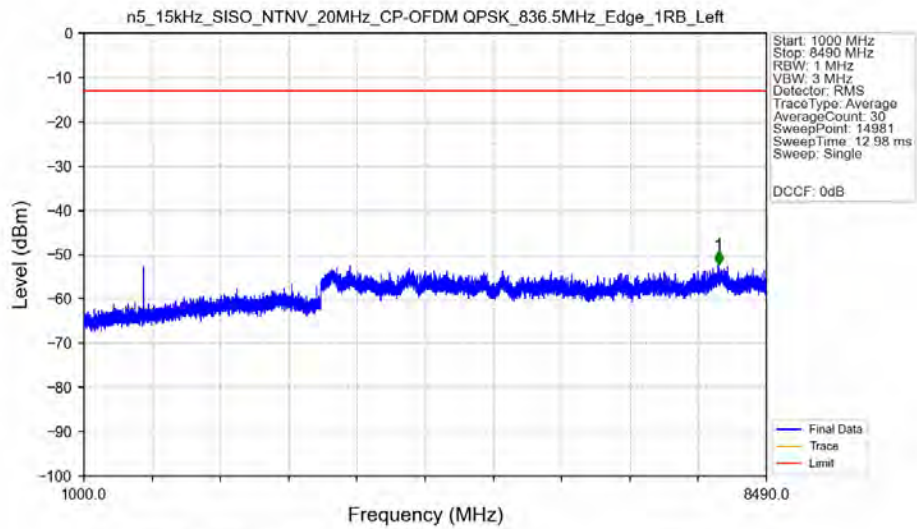


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
829	849	0.21944	CHP	/	/	/	/	/
849	850	0.21944	CHP	1	849.150	-34.44	-13	Pass
850	854	0.1	/	2	850.025	-36.65	-13	Pass

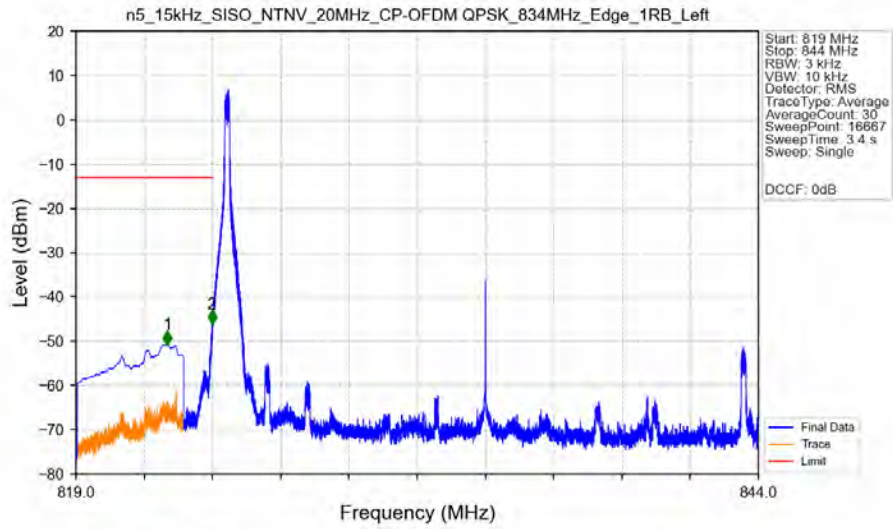
n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant13



n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant13

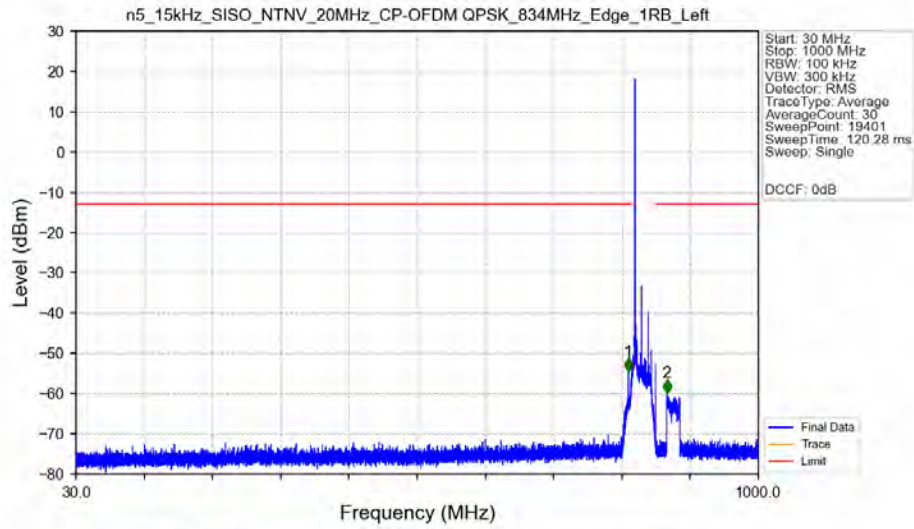


n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_834MHz_Edge_1RB_Left_Ant13



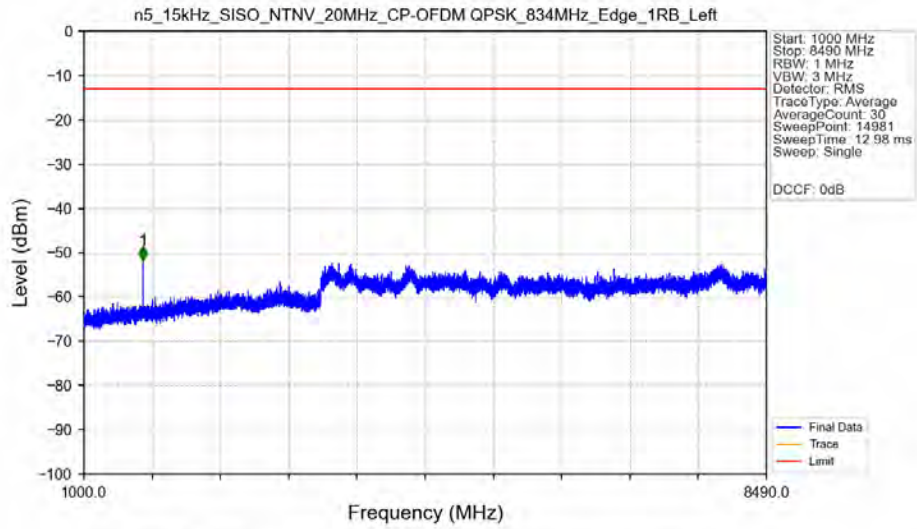
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.344	-50.71	-13	Pass
823	824	0.003	/	2	823.980	-45.98	-13	Pass
824	844	0.003	/	/	/	/	/	/

n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_834MHz_Edge_1RB_Left_Ant13

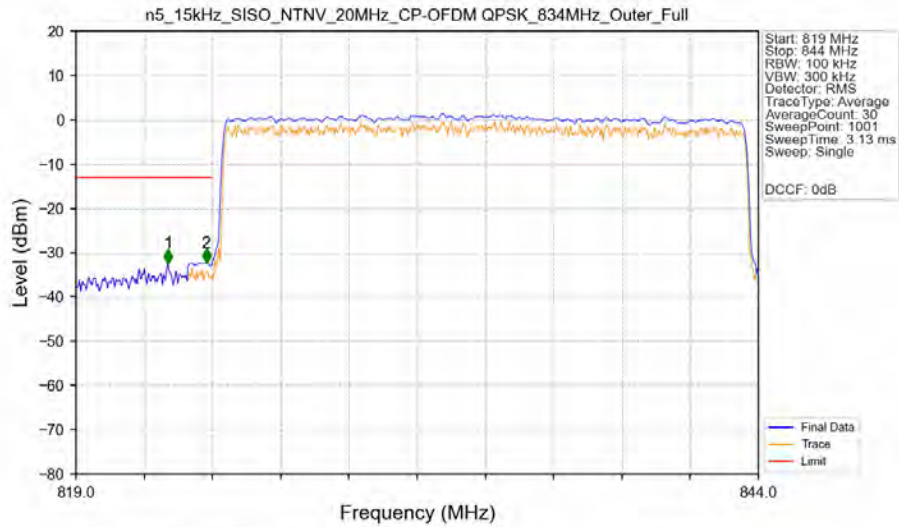


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	815.150	-54.42	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	869.950	-59.81	-13	Pass

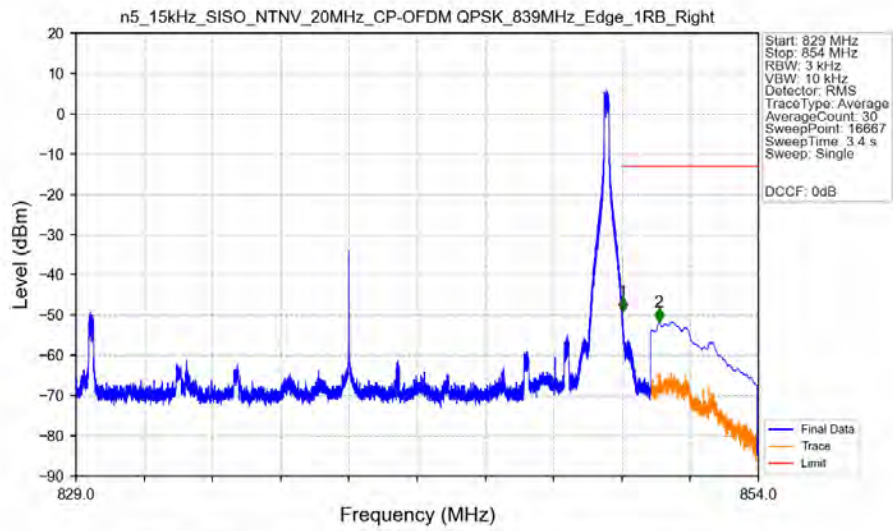
n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_834MHz_Edge_1RB_Left_Ant13



n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_834MHz_Outer_Full_Ant13

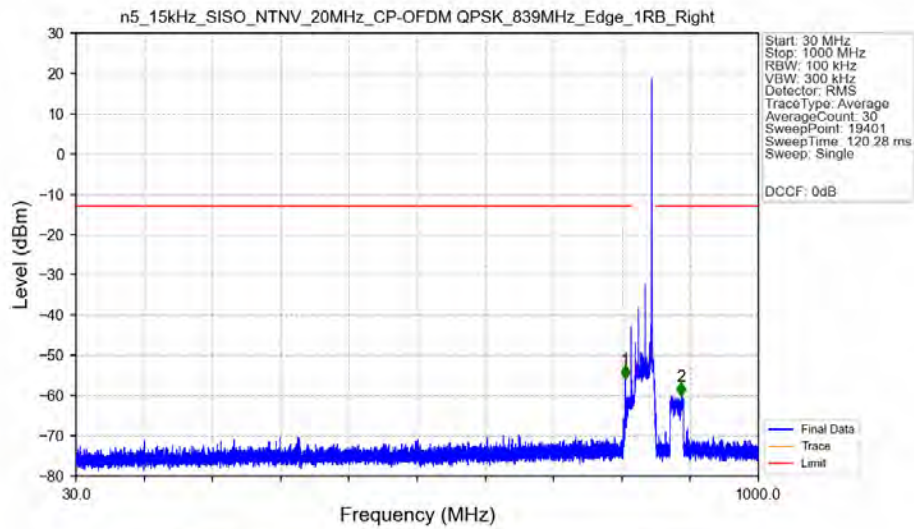


n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_839MHz_Edge_1RB_Right_Ant13



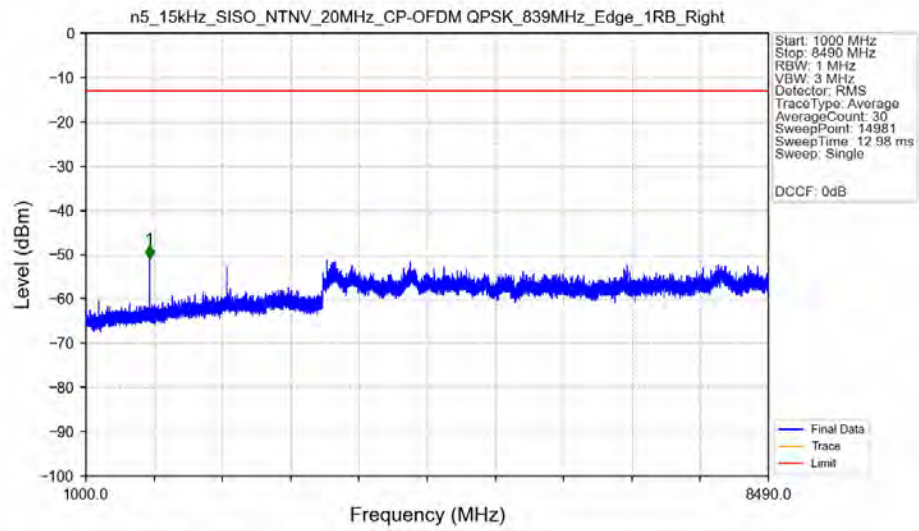
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
829	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.021	-49.00	-13	Pass
850	854	0.1	CHP	2	850.355	-51.65	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_839MHz_Edge_1RB_Right_Ant13



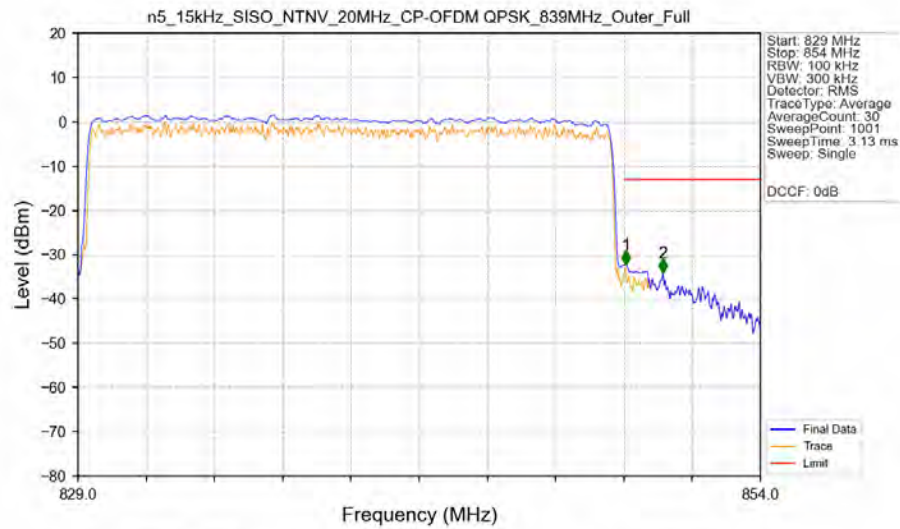
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	810.800	-55.91	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	890.500	-60.09	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_839MHz_Edge_1RB_Right_Ant13



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1697.000	-50.98	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_839MHz_Outer_Full_Ant13



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
829	849	0.2046	CHP	/	/	/	/	/
849	850	0.2046	CHP	1	849.075	-32.16	-13	Pass
850	854	0.1	/	2	850.425	-34.12	-13	Pass

6. Field Strength of Spurious Radiation

NR N5 ANT13-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	-57.73	-13	-44.73	-60.61	2.62	5.5	Horizontal	Pass
2475.0	-69.47	-13	-56.47	-72.17	3.06	5.76	Horizontal	Pass
3300.0	-67.41	-13	-54.41	-71.78	3.3	7.67	Horizontal	Pass
1650.0	-58.42	-13	-45.42	-61.3	2.62	5.5	Vertical	Pass
2475.0	-69.48	-13	-56.48	-72.18	3.06	5.76	Vertical	Pass
3300.0	-67.4	-13	-54.4	-71.77	3.3	7.67	Vertical	Pass

NR N5 ANT13-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	-57.71	-13	-44.71	-60.58	2.62	5.49	Horizontal	Pass
2482.5	-69.08	-13	-56.08	-71.79	3.07	5.78	Horizontal	Pass
3310.0	-67.61	-13	-54.61	-72.01	3.3	7.7	Horizontal	Pass
1655.0	-58.25	-13	-45.25	-61.12	2.62	5.49	Vertical	Pass
2482.5	-69.1	-13	-56.1	-71.81	3.07	5.78	Vertical	Pass
3310.0	-67.55	-13	-54.55	-71.95	3.3	7.7	Vertical	Pass

NR N5 ANT13-High channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#1								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1660.0	-59.9	-13	-46.9	-62.76	2.62	5.48	Horizontal	Pass
2490.0	-68.96	-13	-55.96	-71.69	3.07	5.8	Horizontal	Pass
3320.0	-67.06	-13	-54.06	-71.47	3.31	7.72	Horizontal	Pass
1660.0	-55.14	-13	-42.14	-58.0	2.62	5.48	Vertical	Pass
2490.0	-69.18	-13	-56.18	-71.91	3.07	5.8	Vertical	Pass
3320.0	-67.11	-13	-54.11	-71.52	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
3300.0	-67.12	-13	-54.12	-71.49	3.3	7.67	Horizontal	Pass
4125.0	-65.07	-13	-52.07	-70.08	3.97	8.98	Horizontal	Pass
4950.0	-63.16	-13	-50.16	-68.68	4.55	10.07	Horizontal	Pass
3300.0	-67.04	-13	-54.04	-71.41	3.3	7.67	Vertical	Pass
4125.0	-65.14	-13	-52.14	-70.15	3.97	8.98	Vertical	Pass
4950.0	-63.18	-13	-50.18	-68.7	4.55	10.07	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
3310.0	-67.33	-13	-54.33	-71.73	3.3	7.7	Horizontal	Pass
4137.5	-65.82	-13	-52.82	-70.83	3.98	8.99	Horizontal	Pass
4965.0	-63.13	-13	-50.13	-68.67	4.55	10.09	Horizontal	Pass
3310.0	-67.89	-13	-54.89	-72.29	3.3	7.7	Vertical	Pass
4137.5	-65.8	-13	-52.8	-70.81	3.98	8.99	Vertical	Pass
4965.0	-63.07	-13	-50.07	-68.61	4.55	10.09	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
3320.0	-67.59	-13	-54.59	-72.0	3.31	7.72	Horizontal	Pass
4150.0	-66.21	-13	-53.21	-71.23	3.99	9.01	Horizontal	Pass
4980.0	-63.42	-13	-50.42	-68.97	4.56	10.11	Horizontal	Pass
3320.0	-67.61	-13	-54.61	-72.02	3.31	7.72	Vertical	Pass
4150.0	-66.09	-13	-53.09	-71.11	3.99	9.01	Vertical	Pass
4980.0	-63.32	-13	-50.32	-68.87	4.56	10.11	Vertical	Pass