

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
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	826.5	Edge 1RB Left	23.72	/	/	18.47	/	/	<=38.45	Pass
		Edge 1RB Right	23.73	/	/	18.48	/	/	<=38.45	Pass
		Outer Full	23.80	/	/	18.55	/	/	<=38.45	Pass
		Inner Full	24.26	/	/	19.01	/	/	<=38.45	Pass
		Inner 1RB Left	24.18	/	/	18.93	/	/	<=38.45	Pass
		Inner 1RB Right	24.26	/	/	19.01	/	/	<=38.45	Pass
	836.5	Edge 1RB Left	23.76	/	/	18.51	/	/	<=38.45	Pass
		Edge 1RB Right	23.77	/	/	18.52	/	/	<=38.45	Pass
		Outer Full	23.86	/	/	18.61	/	/	<=38.45	Pass
		Inner Full	24.25	/	/	19.00	/	/	<=38.45	Pass
		Inner 1RB Left	24.29	/	/	19.04	/	/	<=38.45	Pass
		Inner 1RB Right	24.27	/	/	19.02	/	/	<=38.45	Pass
	846.5	Edge 1RB Left	23.80	/	/	18.55	/	/	<=38.45	Pass
		Edge 1RB Right	23.72	/	/	18.47	/	/	<=38.45	Pass
		Outer Full	23.82	/	/	18.57	/	/	<=38.45	Pass
		Inner Full	24.28	/	/	19.03	/	/	<=38.45	Pass
		Inner 1RB Left	24.27	/	/	19.02	/	/	<=38.45	Pass
		Inner 1RB Right	24.25	/	/	19.00	/	/	<=38.45	Pass
DFT-s-OFDM QPSK	826.5	Edge 1RB Left	23.15	/	/	17.90	/	/	<=38.45	Pass
		Edge 1RB Right	23.20	/	/	17.95	/	/	<=38.45	Pass
		Outer Full	23.30	/	/	18.05	/	/	<=38.45	Pass
		Inner Full	24.31	/	/	19.06	/	/	<=38.45	Pass
		Inner 1RB Left	24.17	/	/	18.92	/	/	<=38.45	Pass
		Inner 1RB Right	24.20	/	/	18.95	/	/	<=38.45	Pass
	836.5	Edge 1RB Left	23.26	/	/	18.01	/	/	<=38.45	Pass
		Edge 1RB Right	23.23	/	/	17.98	/	/	<=38.45	Pass
		Outer Full	23.28	/	/	18.03	/	/	<=38.45	Pass
		Inner Full	24.30	/	/	19.05	/	/	<=38.45	Pass
		Inner 1RB Left	24.24	/	/	18.99	/	/	<=38.45	Pass
		Inner 1RB Right	24.25	/	/	19.00	/	/	<=38.45	Pass
	846.5	Edge 1RB Left	23.32	/	/	18.07	/	/	<=38.45	Pass
		Edge 1RB Right	23.20	/	/	17.95	/	/	<=38.45	Pass
		Outer Full	23.34	/	/	18.09	/	/	<=38.45	Pass
		Inner Full	24.29	/	/	19.04	/	/	<=38.45	Pass
		Inner 1RB Left	24.26	/	/	19.01	/	/	<=38.45	Pass
		Inner 1RB Right	24.22	/	/	18.97	/	/	<=38.45	Pass
DFT-s-OFDM 16 QAM	826.5	Edge 1RB Left	22.31	/	/	17.06	/	/	<=38.45	Pass
		Edge 1RB Right	22.26	/	/	17.01	/	/	<=38.45	Pass
		Outer Full	22.30	/	/	17.05	/	/	<=38.45	Pass
		Inner Full	23.30	/	/	18.05	/	/	<=38.45	Pass
		Inner 1RB Left	23.46	/	/	18.21	/	/	<=38.45	Pass
		Inner 1RB Right	23.33	/	/	18.08	/	/	<=38.45	Pass
	836.5	Edge 1RB Left	22.57	/	/	17.32	/	/	<=38.45	Pass
		Edge 1RB Right	22.37	/	/	17.12	/	/	<=38.45	Pass
		Outer Full	22.28	/	/	17.03	/	/	<=38.45	Pass
		Inner Full	23.28	/	/	18.03	/	/	<=38.45	Pass
		Inner 1RB Left	23.41	/	/	18.16	/	/	<=38.45	Pass
		Inner 1RB Right	23.56	/	/	18.31	/	/	<=38.45	Pass
	846.5	Edge 1RB Left	22.39	/	/	17.14	/	/	<=38.45	Pass

		Edge 1RB Right	22.37	/	/	17.12	/	/	<=38.45	Pass
		Outer Full	22.33	/	/	17.08	/	/	<=38.45	Pass
		Inner Full	23.33	/	/	18.08	/	/	<=38.45	Pass
		Inner 1RB Left	23.41	/	/	18.16	/	/	<=38.45	Pass
		Inner 1RB Right	23.36	/	/	18.11	/	/	<=38.45	Pass
DFT-s-OFDM 64 QAM	826.5	Edge 1RB Left	21.87	/	/	16.62	/	/	<=38.45	Pass
		Edge 1RB Right	21.74	/	/	16.49	/	/	<=38.45	Pass
		Outer Full	21.72	/	/	16.47	/	/	<=38.45	Pass
		Inner Full	21.82	/	/	16.57	/	/	<=38.45	Pass
		Inner 1RB Left	21.93	/	/	16.68	/	/	<=38.45	Pass
		Inner 1RB Right	21.80	/	/	16.55	/	/	<=38.45	Pass
	836.5	Edge 1RB Left	22.00	/	/	16.75	/	/	<=38.45	Pass
		Edge 1RB Right	21.84	/	/	16.59	/	/	<=38.45	Pass
		Outer Full	21.71	/	/	16.46	/	/	<=38.45	Pass
		Inner Full	21.80	/	/	16.55	/	/	<=38.45	Pass
		Inner 1RB Left	21.85	/	/	16.60	/	/	<=38.45	Pass
		Inner 1RB Right	21.98	/	/	16.73	/	/	<=38.45	Pass
	846.5	Edge 1RB Left	21.97	/	/	16.72	/	/	<=38.45	Pass
		Edge 1RB Right	21.82	/	/	16.57	/	/	<=38.45	Pass
		Outer Full	21.74	/	/	16.49	/	/	<=38.45	Pass
		Inner Full	21.88	/	/	16.63	/	/	<=38.45	Pass
		Inner 1RB Left	21.89	/	/	16.64	/	/	<=38.45	Pass
		Inner 1RB Right	21.94	/	/	16.69	/	/	<=38.45	Pass
DFT-s-OFDM 256 QAM	826.5	Edge 1RB Left	19.53	/	/	14.28	/	/	<=38.45	Pass
		Edge 1RB Right	19.59	/	/	14.34	/	/	<=38.45	Pass
		Outer Full	19.72	/	/	14.47	/	/	<=38.45	Pass
		Inner Full	19.74	/	/	14.49	/	/	<=38.45	Pass
		Inner 1RB Left	19.48	/	/	14.23	/	/	<=38.45	Pass
		Inner 1RB Right	19.60	/	/	14.35	/	/	<=38.45	Pass
	836.5	Edge 1RB Left	19.63	/	/	14.38	/	/	<=38.45	Pass
		Edge 1RB Right	19.58	/	/	14.33	/	/	<=38.45	Pass
		Outer Full	19.72	/	/	14.47	/	/	<=38.45	Pass
		Inner Full	19.70	/	/	14.45	/	/	<=38.45	Pass
		Inner 1RB Left	19.63	/	/	14.38	/	/	<=38.45	Pass
		Inner 1RB Right	19.66	/	/	14.41	/	/	<=38.45	Pass
	846.5	Edge 1RB Left	19.63	/	/	14.38	/	/	<=38.45	Pass
		Edge 1RB Right	19.60	/	/	14.35	/	/	<=38.45	Pass
		Outer Full	19.73	/	/	14.48	/	/	<=38.45	Pass
		Inner Full	19.74	/	/	14.49	/	/	<=38.45	Pass
		Inner 1RB Left	19.65	/	/	14.40	/	/	<=38.45	Pass
		Inner 1RB Right	19.61	/	/	14.36	/	/	<=38.45	Pass
CP-OFDM QPSK	826.5	Edge 1RB Left	21.21	/	/	15.96	/	/	<=38.45	Pass
		Edge 1RB Right	21.20	/	/	15.95	/	/	<=38.45	Pass
		Outer Full	21.29	/	/	16.04	/	/	<=38.45	Pass
		Inner Full	22.82	/	/	17.57	/	/	<=38.45	Pass
		Inner 1RB Left	22.60	/	/	17.35	/	/	<=38.45	Pass
		Inner 1RB Right	22.66	/	/	17.41	/	/	<=38.45	Pass
	836.5	Edge 1RB Left	21.31	/	/	16.06	/	/	<=38.45	Pass
		Edge 1RB Right	21.21	/	/	15.96	/	/	<=38.45	Pass
		Outer Full	21.28	/	/	16.03	/	/	<=38.45	Pass
		Inner Full	22.87	/	/	17.62	/	/	<=38.45	Pass
		Inner 1RB Left	22.71	/	/	17.46	/	/	<=38.45	Pass
		Inner 1RB Right	22.82	/	/	17.57	/	/	<=38.45	Pass
	846.5	Edge 1RB Left	21.30	/	/	16.05	/	/	<=38.45	Pass
		Edge 1RB Right	21.22	/	/	15.97	/	/	<=38.45	Pass
		Outer Full	21.26	/	/	16.01	/	/	<=38.45	Pass
		Inner Full	22.83	/	/	17.58	/	/	<=38.45	Pass
		Inner 1RB Left	22.78	/	/	17.53	/	/	<=38.45	Pass
		Inner 1RB Right	22.72	/	/	17.47	/	/	<=38.45	Pass

CP-OFDM 16 QAM	826.5	Edge_1RB_Left	21.30	/	/	16.05	/	/	<=38.45	Pass
		Edge_1RB_Right	21.25	/	/	16.00	/	/	<=38.45	Pass
		Outer_Full	21.25	/	/	16.00	/	/	<=38.45	Pass
		Inner_Full	22.14	/	/	16.89	/	/	<=38.45	Pass
		Inner_1RB_Left	22.39	/	/	17.14	/	/	<=38.45	Pass
		Inner_1RB_Right	22.50	/	/	17.25	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.42	/	/	16.17	/	/	<=38.45	Pass
		Edge_1RB_Right	21.40	/	/	16.15	/	/	<=38.45	Pass
		Outer_Full	21.28	/	/	16.03	/	/	<=38.45	Pass
		Inner_Full	22.17	/	/	16.92	/	/	<=38.45	Pass
		Inner_1RB_Left	22.54	/	/	17.29	/	/	<=38.45	Pass
		Inner_1RB_Right	22.56	/	/	17.31	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	21.35	/	/	16.10	/	/	<=38.45	Pass
		Edge_1RB_Right	21.32	/	/	16.07	/	/	<=38.45	Pass
		Outer_Full	21.34	/	/	16.09	/	/	<=38.45	Pass
		Inner_Full	22.19	/	/	16.94	/	/	<=38.45	Pass
		Inner_1RB_Left	22.55	/	/	17.30	/	/	<=38.45	Pass
		Inner_1RB_Right	22.44	/	/	17.19	/	/	<=38.45	Pass
CP-OFDM 64 QAM	826.5	Edge_1RB_Left	21.02	/	/	15.77	/	/	<=38.45	Pass
		Edge_1RB_Right	20.93	/	/	15.68	/	/	<=38.45	Pass
		Outer_Full	20.71	/	/	15.46	/	/	<=38.45	Pass
		Inner_Full	20.67	/	/	15.42	/	/	<=38.45	Pass
		Inner_1RB_Left	20.94	/	/	15.69	/	/	<=38.45	Pass
		Inner_1RB_Right	20.97	/	/	15.72	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.13	/	/	15.88	/	/	<=38.45	Pass
		Edge_1RB_Right	20.86	/	/	15.61	/	/	<=38.45	Pass
		Outer_Full	20.66	/	/	15.41	/	/	<=38.45	Pass
		Inner_Full	20.64	/	/	15.39	/	/	<=38.45	Pass
		Inner_1RB_Left	21.10	/	/	15.85	/	/	<=38.45	Pass
		Inner_1RB_Right	20.85	/	/	15.60	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	21.08	/	/	15.83	/	/	<=38.45	Pass
		Edge_1RB_Right	21.00	/	/	15.75	/	/	<=38.45	Pass
		Outer_Full	20.69	/	/	15.44	/	/	<=38.45	Pass
		Inner_Full	20.73	/	/	15.48	/	/	<=38.45	Pass
		Inner_1RB_Left	20.93	/	/	15.68	/	/	<=38.45	Pass
		Inner_1RB_Right	21.01	/	/	15.76	/	/	<=38.45	Pass
CP-OFDM 256 QAM	826.5	Edge_1RB_Left	17.58	/	/	12.33	/	/	<=38.45	Pass
		Edge_1RB_Right	17.60	/	/	12.35	/	/	<=38.45	Pass
		Outer_Full	17.73	/	/	12.48	/	/	<=38.45	Pass
		Inner_Full	17.66	/	/	12.41	/	/	<=38.45	Pass
		Inner_1RB_Left	17.65	/	/	12.40	/	/	<=38.45	Pass
		Inner_1RB_Right	17.69	/	/	12.44	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	17.74	/	/	12.49	/	/	<=38.45	Pass
		Edge_1RB_Right	17.70	/	/	12.45	/	/	<=38.45	Pass
		Outer_Full	17.74	/	/	12.49	/	/	<=38.45	Pass
		Inner_Full	17.70	/	/	12.45	/	/	<=38.45	Pass
		Inner_1RB_Left	17.73	/	/	12.48	/	/	<=38.45	Pass
		Inner_1RB_Right	17.63	/	/	12.38	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	17.71	/	/	12.46	/	/	<=38.45	Pass
		Edge_1RB_Right	17.72	/	/	12.47	/	/	<=38.45	Pass
		Outer_Full	17.74	/	/	12.49	/	/	<=38.45	Pass
		Inner_Full	17.69	/	/	12.44	/	/	<=38.45	Pass
		Inner_1RB_Left	17.68	/	/	12.43	/	/	<=38.45	Pass
		Inner_1RB_Right	17.64	/	/	12.39	/	/	<=38.45	Pass
Note1: Antenna Gain: Ant1: -3.10dBi;										
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
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	829	Edge 1RB Left	23.60	/	/	18.35	/	/	<=38.45	Pass
		Edge 1RB Right	23.71	/	/	18.46	/	/	<=38.45	Pass
		Outer Full	23.70	/	/	18.45	/	/	<=38.45	Pass
		Inner Full	24.21	/	/	18.96	/	/	<=38.45	Pass
		Inner 1RB Left	24.10	/	/	18.85	/	/	<=38.45	Pass
		Inner 1RB Right	24.14	/	/	18.89	/	/	<=38.45	Pass
	836.5	Edge 1RB Left	23.67	/	/	18.42	/	/	<=38.45	Pass
		Edge 1RB Right	23.76	/	/	18.51	/	/	<=38.45	Pass
		Outer Full	23.73	/	/	18.48	/	/	<=38.45	Pass
		Inner Full	24.28	/	/	19.03	/	/	<=38.45	Pass
		Inner 1RB Left	24.17	/	/	18.92	/	/	<=38.45	Pass
		Inner 1RB Right	24.23	/	/	18.98	/	/	<=38.45	Pass
	844	Edge 1RB Left	23.69	/	/	18.44	/	/	<=38.45	Pass
		Edge 1RB Right	23.65	/	/	18.40	/	/	<=38.45	Pass
		Outer Full	23.70	/	/	18.45	/	/	<=38.45	Pass
		Inner Full	24.21	/	/	18.96	/	/	<=38.45	Pass
		Inner 1RB Left	24.22	/	/	18.97	/	/	<=38.45	Pass
		Inner 1RB Right	24.15	/	/	18.90	/	/	<=38.45	Pass
DFT-s-OFDM QPSK	829	Edge 1RB Left	23.19	/	/	17.94	/	/	<=38.45	Pass
		Edge 1RB Right	23.30	/	/	18.05	/	/	<=38.45	Pass
		Outer Full	23.21	/	/	17.96	/	/	<=38.45	Pass
		Inner Full	24.20	/	/	18.95	/	/	<=38.45	Pass
		Inner 1RB Left	24.24	/	/	18.99	/	/	<=38.45	Pass
		Inner 1RB Right	24.31	/	/	19.06	/	/	<=38.45	Pass
	836.5	Edge 1RB Left	23.26	/	/	18.01	/	/	<=38.45	Pass
		Edge 1RB Right	23.30	/	/	18.05	/	/	<=38.45	Pass
		Outer Full	23.23	/	/	17.98	/	/	<=38.45	Pass
		Inner Full	24.28	/	/	19.03	/	/	<=38.45	Pass
		Inner 1RB Left	24.33	/	/	19.08	/	/	<=38.45	Pass
		Inner 1RB Right	24.36	/	/	19.11	/	/	<=38.45	Pass
	844	Edge 1RB Left	23.29	/	/	18.04	/	/	<=38.45	Pass
		Edge 1RB Right	23.24	/	/	17.99	/	/	<=38.45	Pass
		Outer Full	23.21	/	/	17.96	/	/	<=38.45	Pass
		Inner Full	24.21	/	/	18.96	/	/	<=38.45	Pass
		Inner 1RB Left	24.26	/	/	19.01	/	/	<=38.45	Pass
		Inner 1RB Right	24.33	/	/	19.08	/	/	<=38.45	Pass
DFT-s-OFDM 16 QAM	829	Edge 1RB Left	22.14	/	/	16.89	/	/	<=38.45	Pass
		Edge 1RB Right	22.20	/	/	16.95	/	/	<=38.45	Pass
		Outer Full	22.14	/	/	16.89	/	/	<=38.45	Pass
		Inner Full	23.23	/	/	17.98	/	/	<=38.45	Pass
		Inner 1RB Left	23.29	/	/	18.04	/	/	<=38.45	Pass
		Inner 1RB Right	23.28	/	/	18.03	/	/	<=38.45	Pass
	836.5	Edge 1RB Left	22.35	/	/	17.10	/	/	<=38.45	Pass
		Edge 1RB Right	22.60	/	/	17.35	/	/	<=38.45	Pass
		Outer Full	22.26	/	/	17.01	/	/	<=38.45	Pass
		Inner Full	23.30	/	/	18.05	/	/	<=38.45	Pass
		Inner 1RB Left	23.17	/	/	17.92	/	/	<=38.45	Pass
		Inner 1RB Right	23.45	/	/	18.20	/	/	<=38.45	Pass
	844	Edge 1RB Left	22.54	/	/	17.29	/	/	<=38.45	Pass
		Edge 1RB Right	22.19	/	/	16.94	/	/	<=38.45	Pass
		Outer Full	22.21	/	/	16.96	/	/	<=38.45	Pass
		Inner Full	23.22	/	/	17.97	/	/	<=38.45	Pass
		Inner 1RB Left	23.38	/	/	18.13	/	/	<=38.45	Pass
		Inner 1RB Right	23.29	/	/	18.04	/	/	<=38.45	Pass
DFT-s-OFDM 64 QAM	829	Edge 1RB Left	21.75	/	/	16.50	/	/	<=38.45	Pass
		Edge 1RB Right	21.91	/	/	16.66	/	/	<=38.45	Pass

		Outer Full	21.69	/	/	16.44	/	/	<=38.45	Pass
		Inner Full	21.60	/	/	16.35	/	/	<=38.45	Pass
		Inner 1RB Left	21.58	/	/	16.33	/	/	<=38.45	Pass
		Inner 1RB Right	21.83	/	/	16.58	/	/	<=38.45	Pass
	836.5	Edge 1RB Left	21.72	/	/	16.47	/	/	<=38.45	Pass
		Edge 1RB Right	21.81	/	/	16.56	/	/	<=38.45	Pass
		Outer Full	21.79	/	/	16.54	/	/	<=38.45	Pass
		Inner Full	21.74	/	/	16.49	/	/	<=38.45	Pass
		Inner 1RB Left	21.84	/	/	16.59	/	/	<=38.45	Pass
		Inner 1RB Right	21.80	/	/	16.55	/	/	<=38.45	Pass
	844	Edge 1RB Left	21.83	/	/	16.58	/	/	<=38.45	Pass
		Edge 1RB Right	21.74	/	/	16.49	/	/	<=38.45	Pass
		Outer Full	21.72	/	/	16.47	/	/	<=38.45	Pass
		Inner Full	21.61	/	/	16.36	/	/	<=38.45	Pass
		Inner 1RB Left	21.97	/	/	16.72	/	/	<=38.45	Pass
		Inner 1RB Right	21.73	/	/	16.48	/	/	<=38.45	Pass
DFT-s-OFDM 256 QAM	829	Edge 1RB Left	19.51	/	/	14.26	/	/	<=38.45	Pass
		Edge 1RB Right	19.53	/	/	14.28	/	/	<=38.45	Pass
		Outer Full	19.67	/	/	14.42	/	/	<=38.45	Pass
		Inner Full	19.65	/	/	14.40	/	/	<=38.45	Pass
		Inner 1RB Left	19.48	/	/	14.23	/	/	<=38.45	Pass
		Inner 1RB Right	19.55	/	/	14.30	/	/	<=38.45	Pass
	836.5	Edge 1RB Left	19.55	/	/	14.30	/	/	<=38.45	Pass
		Edge 1RB Right	19.68	/	/	14.43	/	/	<=38.45	Pass
		Outer Full	19.74	/	/	14.49	/	/	<=38.45	Pass
		Inner Full	19.76	/	/	14.51	/	/	<=38.45	Pass
		Inner 1RB Left	19.56	/	/	14.31	/	/	<=38.45	Pass
		Inner 1RB Right	19.68	/	/	14.43	/	/	<=38.45	Pass
	844	Edge 1RB Left	19.64	/	/	14.39	/	/	<=38.45	Pass
		Edge 1RB Right	19.61	/	/	14.36	/	/	<=38.45	Pass
		Outer Full	19.70	/	/	14.45	/	/	<=38.45	Pass
		Inner Full	19.65	/	/	14.40	/	/	<=38.45	Pass
		Inner 1RB Left	19.71	/	/	14.46	/	/	<=38.45	Pass
		Inner 1RB Right	19.61	/	/	14.36	/	/	<=38.45	Pass
CP-OFDM QPSK	829	Edge 1RB Left	21.16	/	/	15.91	/	/	<=38.45	Pass
		Edge 1RB Right	21.20	/	/	15.95	/	/	<=38.45	Pass
		Outer Full	21.12	/	/	15.87	/	/	<=38.45	Pass
		Inner Full	22.71	/	/	17.46	/	/	<=38.45	Pass
		Inner 1RB Left	22.54	/	/	17.29	/	/	<=38.45	Pass
		Inner 1RB Right	22.62	/	/	17.37	/	/	<=38.45	Pass
	836.5	Edge 1RB Left	21.28	/	/	16.03	/	/	<=38.45	Pass
		Edge 1RB Right	21.30	/	/	16.05	/	/	<=38.45	Pass
		Outer Full	21.28	/	/	16.03	/	/	<=38.45	Pass
		Inner Full	22.79	/	/	17.54	/	/	<=38.45	Pass
		Inner 1RB Left	22.64	/	/	17.39	/	/	<=38.45	Pass
		Inner 1RB Right	22.67	/	/	17.42	/	/	<=38.45	Pass
	844	Edge 1RB Left	21.26	/	/	16.01	/	/	<=38.45	Pass
		Edge 1RB Right	21.27	/	/	16.02	/	/	<=38.45	Pass
		Outer Full	21.20	/	/	15.95	/	/	<=38.45	Pass
		Inner Full	22.67	/	/	17.42	/	/	<=38.45	Pass
		Inner 1RB Left	22.72	/	/	17.47	/	/	<=38.45	Pass
		Inner 1RB Right	22.59	/	/	17.34	/	/	<=38.45	Pass
CP-OFDM 16 QAM	829	Edge 1RB Left	21.27	/	/	16.02	/	/	<=38.45	Pass
		Edge 1RB Right	21.13	/	/	15.88	/	/	<=38.45	Pass
		Outer Full	21.20	/	/	15.95	/	/	<=38.45	Pass
		Inner Full	22.20	/	/	16.95	/	/	<=38.45	Pass
		Inner 1RB Left	22.25	/	/	17.00	/	/	<=38.45	Pass
		Inner 1RB Right	22.23	/	/	16.98	/	/	<=38.45	Pass
	836.5	Edge 1RB Left	21.56	/	/	16.31	/	/	<=38.45	Pass

		Edge_1RB_Right	21.57	/	/	16.32	/	/	<=38.45	Pass
		Outer_Full	21.27	/	/	16.02	/	/	<=38.45	Pass
		Inner_Full	22.30	/	/	17.05	/	/	<=38.45	Pass
		Inner_1RB_Left	22.32	/	/	17.07	/	/	<=38.45	Pass
		Inner_1RB_Right	22.56	/	/	17.31	/	/	<=38.45	Pass
	844	Edge_1RB_Left	21.49	/	/	16.24	/	/	<=38.45	Pass
		Edge_1RB_Right	21.48	/	/	16.23	/	/	<=38.45	Pass
		Outer_Full	21.28	/	/	16.03	/	/	<=38.45	Pass
		Inner_Full	22.20	/	/	16.95	/	/	<=38.45	Pass
		Inner_1RB_Left	22.37	/	/	17.12	/	/	<=38.45	Pass
		Inner_1RB_Right	22.39	/	/	17.14	/	/	<=38.45	Pass
	CP-OFDM 64 QAM	829	Edge_1RB_Left	20.84	/	/	15.59	/	/	<=38.45
Edge_1RB_Right			20.72	/	/	15.47	/	/	<=38.45	Pass
Outer_Full			20.69	/	/	15.44	/	/	<=38.45	Pass
Inner_Full			20.65	/	/	15.40	/	/	<=38.45	Pass
Inner_1RB_Left			20.95	/	/	15.70	/	/	<=38.45	Pass
Inner_1RB_Right			20.86	/	/	15.61	/	/	<=38.45	Pass
836.5		Edge_1RB_Left	20.89	/	/	15.64	/	/	<=38.45	Pass
		Edge_1RB_Right	20.95	/	/	15.70	/	/	<=38.45	Pass
		Outer_Full	20.79	/	/	15.54	/	/	<=38.45	Pass
		Inner_Full	20.75	/	/	15.50	/	/	<=38.45	Pass
		Inner_1RB_Left	21.01	/	/	15.76	/	/	<=38.45	Pass
		Inner_1RB_Right	20.95	/	/	15.70	/	/	<=38.45	Pass
844		Edge_1RB_Left	21.03	/	/	15.78	/	/	<=38.45	Pass
		Edge_1RB_Right	20.80	/	/	15.55	/	/	<=38.45	Pass
		Outer_Full	20.76	/	/	15.51	/	/	<=38.45	Pass
		Inner_Full	20.69	/	/	15.44	/	/	<=38.45	Pass
		Inner_1RB_Left	21.09	/	/	15.84	/	/	<=38.45	Pass
		Inner_1RB_Right	20.79	/	/	15.54	/	/	<=38.45	Pass
CP-OFDM 256 QAM	829	Edge_1RB_Left	17.54	/	/	12.29	/	/	<=38.45	Pass
		Edge_1RB_Right	17.63	/	/	12.38	/	/	<=38.45	Pass
		Outer_Full	17.67	/	/	12.42	/	/	<=38.45	Pass
		Inner_Full	17.61	/	/	12.36	/	/	<=38.45	Pass
		Inner_1RB_Left	17.55	/	/	12.30	/	/	<=38.45	Pass
		Inner_1RB_Right	17.64	/	/	12.39	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	17.60	/	/	12.35	/	/	<=38.45	Pass
		Edge_1RB_Right	17.70	/	/	12.45	/	/	<=38.45	Pass
		Outer_Full	17.72	/	/	12.47	/	/	<=38.45	Pass
		Inner_Full	17.73	/	/	12.48	/	/	<=38.45	Pass
		Inner_1RB_Left	17.58	/	/	12.33	/	/	<=38.45	Pass
		Inner_1RB_Right	17.71	/	/	12.46	/	/	<=38.45	Pass
	844	Edge_1RB_Left	17.67	/	/	12.42	/	/	<=38.45	Pass
		Edge_1RB_Right	17.66	/	/	12.41	/	/	<=38.45	Pass
		Outer_Full	17.68	/	/	12.43	/	/	<=38.45	Pass
		Inner_Full	17.60	/	/	12.35	/	/	<=38.45	Pass
		Inner_1RB_Left	17.67	/	/	12.42	/	/	<=38.45	Pass
		Inner_1RB_Right	17.60	/	/	12.35	/	/	<=38.45	Pass
Note1: Antenna Gain: Ant1: -3.10dBi; 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
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	831.5	Edge 1RB Left	23.61	/	/	18.36	/	/	<=38.45	Pass
		Edge 1RB Right	23.73	/	/	18.48	/	/	<=38.45	Pass
		Outer Full	23.67	/	/	18.42	/	/	<=38.45	Pass

		Inner Full	24.17	/	/	18.92	/	/	<=38.45	Pass
		Inner 1RB Left	24.13	/	/	18.88	/	/	<=38.45	Pass
		Inner 1RB Right	24.24	/	/	18.99	/	/	<=38.45	Pass
	836.5	Edge 1RB Left	23.69	/	/	18.44	/	/	<=38.45	Pass
		Edge 1RB Right	23.74	/	/	18.49	/	/	<=38.45	Pass
		Outer Full	23.80	/	/	18.55	/	/	<=38.45	Pass
		Inner Full	24.27	/	/	19.02	/	/	<=38.45	Pass
		Inner 1RB Left	24.17	/	/	18.92	/	/	<=38.45	Pass
		Inner 1RB Right	24.25	/	/	19.00	/	/	<=38.45	Pass
	841.5	Edge 1RB Left	23.74	/	/	18.49	/	/	<=38.45	Pass
		Edge 1RB Right	23.64	/	/	18.39	/	/	<=38.45	Pass
		Outer Full	23.75	/	/	18.50	/	/	<=38.45	Pass
		Inner Full	24.29	/	/	19.04	/	/	<=38.45	Pass
		Inner 1RB Left	24.23	/	/	18.98	/	/	<=38.45	Pass
		Inner 1RB Right	24.19	/	/	18.94	/	/	<=38.45	Pass
DFT-s-OFDM QPSK	831.5	Edge 1RB Left	23.08	/	/	17.83	/	/	<=38.45	Pass
		Edge 1RB Right	23.20	/	/	17.95	/	/	<=38.45	Pass
		Outer Full	23.19	/	/	17.94	/	/	<=38.45	Pass
		Inner Full	24.20	/	/	18.95	/	/	<=38.45	Pass
		Inner 1RB Left	24.13	/	/	18.88	/	/	<=38.45	Pass
		Inner 1RB Right	24.20	/	/	18.95	/	/	<=38.45	Pass
	836.5	Edge 1RB Left	23.24	/	/	17.99	/	/	<=38.45	Pass
		Edge 1RB Right	23.24	/	/	17.99	/	/	<=38.45	Pass
		Outer Full	23.27	/	/	18.02	/	/	<=38.45	Pass
		Inner Full	24.29	/	/	19.04	/	/	<=38.45	Pass
		Inner 1RB Left	24.19	/	/	18.94	/	/	<=38.45	Pass
		Inner 1RB Right	24.24	/	/	18.99	/	/	<=38.45	Pass
	841.5	Edge 1RB Left	23.22	/	/	17.97	/	/	<=38.45	Pass
		Edge 1RB Right	23.14	/	/	17.89	/	/	<=38.45	Pass
		Outer Full	23.24	/	/	17.99	/	/	<=38.45	Pass
		Inner Full	24.29	/	/	19.04	/	/	<=38.45	Pass
		Inner 1RB Left	24.24	/	/	18.99	/	/	<=38.45	Pass
		Inner 1RB Right	24.12	/	/	18.87	/	/	<=38.45	Pass
DFT-s-OFDM 16 QAM	831.5	Edge 1RB Left	22.22	/	/	16.97	/	/	<=38.45	Pass
		Edge 1RB Right	22.32	/	/	17.07	/	/	<=38.45	Pass
		Outer Full	22.15	/	/	16.90	/	/	<=38.45	Pass
		Inner Full	23.12	/	/	17.87	/	/	<=38.45	Pass
		Inner 1RB Left	23.43	/	/	18.18	/	/	<=38.45	Pass
		Inner 1RB Right	23.24	/	/	17.99	/	/	<=38.45	Pass
	836.5	Edge 1RB Left	22.48	/	/	17.23	/	/	<=38.45	Pass
		Edge 1RB Right	22.38	/	/	17.13	/	/	<=38.45	Pass
		Outer Full	22.27	/	/	17.02	/	/	<=38.45	Pass
		Inner Full	23.26	/	/	18.01	/	/	<=38.45	Pass
		Inner 1RB Left	23.51	/	/	18.26	/	/	<=38.45	Pass
		Inner 1RB Right	23.37	/	/	18.12	/	/	<=38.45	Pass
	841.5	Edge 1RB Left	22.21	/	/	16.96	/	/	<=38.45	Pass
		Edge 1RB Right	22.29	/	/	17.04	/	/	<=38.45	Pass
		Outer Full	22.23	/	/	16.98	/	/	<=38.45	Pass
		Inner Full	23.26	/	/	18.01	/	/	<=38.45	Pass
		Inner 1RB Left	23.42	/	/	18.17	/	/	<=38.45	Pass
		Inner 1RB Right	23.45	/	/	18.20	/	/	<=38.45	Pass
DFT-s-OFDM 64 QAM	831.5	Edge 1RB Left	21.69	/	/	16.44	/	/	<=38.45	Pass
		Edge 1RB Right	21.75	/	/	16.50	/	/	<=38.45	Pass
		Outer Full	21.69	/	/	16.44	/	/	<=38.45	Pass
		Inner Full	21.69	/	/	16.44	/	/	<=38.45	Pass
		Inner 1RB Left	21.73	/	/	16.48	/	/	<=38.45	Pass
		Inner 1RB Right	21.82	/	/	16.57	/	/	<=38.45	Pass
	836.5	Edge 1RB Left	21.97	/	/	16.72	/	/	<=38.45	Pass
		Edge 1RB Right	21.93	/	/	16.68	/	/	<=38.45	Pass

		Outer Full	21.76	/	/	16.51	/	/	<=38.45	Pass
		Inner Full	21.77	/	/	16.52	/	/	<=38.45	Pass
		Inner 1RB Left	21.97	/	/	16.72	/	/	<=38.45	Pass
		Inner 1RB Right	21.93	/	/	16.68	/	/	<=38.45	Pass
	841.5	Edge 1RB Left	21.94	/	/	16.69	/	/	<=38.45	Pass
		Edge 1RB Right	21.85	/	/	16.60	/	/	<=38.45	Pass
		Outer Full	21.76	/	/	16.51	/	/	<=38.45	Pass
		Inner Full	21.77	/	/	16.52	/	/	<=38.45	Pass
		Inner 1RB Left	21.92	/	/	16.67	/	/	<=38.45	Pass
		Inner 1RB Right	21.66	/	/	16.41	/	/	<=38.45	Pass
DFT-s-OFDM 256 QAM	831.5	Edge 1RB Left	19.53	/	/	14.28	/	/	<=38.45	Pass
		Edge 1RB Right	19.61	/	/	14.36	/	/	<=38.45	Pass
		Outer Full	19.63	/	/	14.38	/	/	<=38.45	Pass
		Inner Full	19.66	/	/	14.41	/	/	<=38.45	Pass
		Inner 1RB Left	19.49	/	/	14.24	/	/	<=38.45	Pass
		Inner 1RB Right	19.57	/	/	14.32	/	/	<=38.45	Pass
	836.5	Edge 1RB Left	19.59	/	/	14.34	/	/	<=38.45	Pass
		Edge 1RB Right	19.69	/	/	14.44	/	/	<=38.45	Pass
		Outer Full	19.74	/	/	14.49	/	/	<=38.45	Pass
		Inner Full	19.74	/	/	14.49	/	/	<=38.45	Pass
		Inner 1RB Left	19.58	/	/	14.33	/	/	<=38.45	Pass
		Inner 1RB Right	19.60	/	/	14.35	/	/	<=38.45	Pass
	841.5	Edge 1RB Left	19.60	/	/	14.35	/	/	<=38.45	Pass
		Edge 1RB Right	19.58	/	/	14.33	/	/	<=38.45	Pass
		Outer Full	19.71	/	/	14.46	/	/	<=38.45	Pass
		Inner Full	19.72	/	/	14.47	/	/	<=38.45	Pass
		Inner 1RB Left	19.66	/	/	14.41	/	/	<=38.45	Pass
		Inner 1RB Right	19.58	/	/	14.33	/	/	<=38.45	Pass
CP-OFDM QPSK	831.5	Edge 1RB Left	21.11	/	/	15.86	/	/	<=38.45	Pass
		Edge 1RB Right	21.24	/	/	15.99	/	/	<=38.45	Pass
		Outer Full	21.22	/	/	15.97	/	/	<=38.45	Pass
		Inner Full	22.70	/	/	17.45	/	/	<=38.45	Pass
		Inner 1RB Left	22.51	/	/	17.26	/	/	<=38.45	Pass
		Inner 1RB Right	22.64	/	/	17.39	/	/	<=38.45	Pass
	836.5	Edge 1RB Left	21.26	/	/	16.01	/	/	<=38.45	Pass
		Edge 1RB Right	21.20	/	/	15.95	/	/	<=38.45	Pass
		Outer Full	21.29	/	/	16.04	/	/	<=38.45	Pass
		Inner Full	22.79	/	/	17.54	/	/	<=38.45	Pass
		Inner 1RB Left	22.68	/	/	17.43	/	/	<=38.45	Pass
		Inner 1RB Right	22.70	/	/	17.45	/	/	<=38.45	Pass
	841.5	Edge 1RB Left	21.32	/	/	16.07	/	/	<=38.45	Pass
		Edge 1RB Right	21.33	/	/	16.08	/	/	<=38.45	Pass
		Outer Full	21.22	/	/	15.97	/	/	<=38.45	Pass
		Inner Full	22.76	/	/	17.51	/	/	<=38.45	Pass
		Inner 1RB Left	22.81	/	/	17.56	/	/	<=38.45	Pass
		Inner 1RB Right	22.72	/	/	17.47	/	/	<=38.45	Pass
CP-OFDM 16 QAM	831.5	Edge 1RB Left	21.20	/	/	15.95	/	/	<=38.45	Pass
		Edge 1RB Right	21.47	/	/	16.22	/	/	<=38.45	Pass
		Outer Full	21.19	/	/	15.94	/	/	<=38.45	Pass
		Inner Full	22.13	/	/	16.88	/	/	<=38.45	Pass
		Inner 1RB Left	22.42	/	/	17.17	/	/	<=38.45	Pass
		Inner 1RB Right	22.53	/	/	17.28	/	/	<=38.45	Pass
	836.5	Edge 1RB Left	21.29	/	/	16.04	/	/	<=38.45	Pass
		Edge 1RB Right	21.52	/	/	16.27	/	/	<=38.45	Pass
		Outer Full	21.29	/	/	16.04	/	/	<=38.45	Pass
		Inner Full	22.26	/	/	17.01	/	/	<=38.45	Pass
		Inner 1RB Left	22.46	/	/	17.21	/	/	<=38.45	Pass
		Inner 1RB Right	22.54	/	/	17.29	/	/	<=38.45	Pass
	841.5	Edge 1RB Left	21.34	/	/	16.09	/	/	<=38.45	Pass

		Edge_1RB_Right	21.31	/	/	16.06	/	/	<=38.45	Pass
		Outer_Full	21.29	/	/	16.04	/	/	<=38.45	Pass
		Inner_Full	22.21	/	/	16.96	/	/	<=38.45	Pass
		Inner_1RB_Left	22.50	/	/	17.25	/	/	<=38.45	Pass
		Inner_1RB_Right	22.27	/	/	17.02	/	/	<=38.45	Pass
CP-OFDM 64 QAM	831.5	Edge_1RB_Left	20.95	/	/	15.70	/	/	<=38.45	Pass
		Edge_1RB_Right	21.07	/	/	15.82	/	/	<=38.45	Pass
		Outer_Full	20.64	/	/	15.39	/	/	<=38.45	Pass
		Inner_Full	20.65	/	/	15.40	/	/	<=38.45	Pass
		Inner_1RB_Left	20.78	/	/	15.53	/	/	<=38.45	Pass
	836.5	Inner_1RB_Right	20.79	/	/	15.54	/	/	<=38.45	Pass
		Edge_1RB_Left	20.86	/	/	15.61	/	/	<=38.45	Pass
		Edge_1RB_Right	21.11	/	/	15.86	/	/	<=38.45	Pass
		Outer_Full	20.75	/	/	15.50	/	/	<=38.45	Pass
		Inner_Full	20.76	/	/	15.51	/	/	<=38.45	Pass
	841.5	Inner_1RB_Left	21.05	/	/	15.80	/	/	<=38.45	Pass
		Inner_1RB_Right	20.95	/	/	15.70	/	/	<=38.45	Pass
		Edge_1RB_Left	21.08	/	/	15.83	/	/	<=38.45	Pass
		Edge_1RB_Right	20.96	/	/	15.71	/	/	<=38.45	Pass
		Outer_Full	20.69	/	/	15.44	/	/	<=38.45	Pass
CP-OFDM 256 QAM	831.5	Inner_Full	20.72	/	/	15.47	/	/	<=38.45	Pass
		Inner_1RB_Left	20.88	/	/	15.63	/	/	<=38.45	Pass
		Inner_1RB_Right	20.91	/	/	15.66	/	/	<=38.45	Pass
		Edge_1RB_Left	17.51	/	/	12.26	/	/	<=38.45	Pass
		Edge_1RB_Right	17.66	/	/	12.41	/	/	<=38.45	Pass
	836.5	Outer_Full	17.62	/	/	12.37	/	/	<=38.45	Pass
		Inner_Full	17.61	/	/	12.36	/	/	<=38.45	Pass
		Inner_1RB_Left	17.55	/	/	12.30	/	/	<=38.45	Pass
		Inner_1RB_Right	17.67	/	/	12.42	/	/	<=38.45	Pass
		Edge_1RB_Left	17.61	/	/	12.36	/	/	<=38.45	Pass
	841.5	Edge_1RB_Right	17.73	/	/	12.48	/	/	<=38.45	Pass
		Outer_Full	17.72	/	/	12.47	/	/	<=38.45	Pass
		Inner_Full	17.72	/	/	12.47	/	/	<=38.45	Pass
		Inner_1RB_Left	17.60	/	/	12.35	/	/	<=38.45	Pass
		Inner_1RB_Right	17.77	/	/	12.52	/	/	<=38.45	Pass
		Edge_1RB_Left	17.70	/	/	12.45	/	/	<=38.45	Pass
		Edge_1RB_Right	17.61	/	/	12.36	/	/	<=38.45	Pass
		Outer_Full	17.66	/	/	12.41	/	/	<=38.45	Pass
		Inner_Full	17.67	/	/	12.42	/	/	<=38.45	Pass
		Inner_1RB_Left	17.64	/	/	12.39	/	/	<=38.45	Pass
		Inner_1RB_Right	17.60	/	/	12.35	/	/	<=38.45	Pass
Note1: Antenna Gain: Ant1: -3.10dBi; 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
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	834	Edge_1RB_Left	23.57	/	/	18.32	/	/	<=38.45	Pass
		Edge_1RB_Right	23.68	/	/	18.43	/	/	<=38.45	Pass
		Outer_Full	23.63	/	/	18.38	/	/	<=38.45	Pass
		Inner_Full	24.21	/	/	18.96	/	/	<=38.45	Pass
		Inner_1RB_Left	24.10	/	/	18.85	/	/	<=38.45	Pass
	836.5	Inner_1RB_Right	24.19	/	/	18.94	/	/	<=38.45	Pass
		Edge_1RB_Left	23.70	/	/	18.45	/	/	<=38.45	Pass
		Edge_1RB_Right	23.76	/	/	18.51	/	/	<=38.45	Pass
		Outer_Full	23.75	/	/	18.50	/	/	<=38.45	Pass

		Inner_Full	24.30	/	/	19.05	/	/	<=38.45	Pass
		Inner_1RB_Left	24.24	/	/	18.99	/	/	<=38.45	Pass
		Inner_1RB_Right	24.26	/	/	19.01	/	/	<=38.45	Pass
	839	Edge_1RB_Left	23.72	/	/	18.47	/	/	<=38.45	Pass
		Edge_1RB_Right	23.71	/	/	18.46	/	/	<=38.45	Pass
		Outer_Full	23.77	/	/	18.52	/	/	<=38.45	Pass
		Inner_Full	24.28	/	/	19.03	/	/	<=38.45	Pass
		Inner_1RB_Left	24.14	/	/	18.89	/	/	<=38.45	Pass
		Inner_1RB_Right	24.21	/	/	18.96	/	/	<=38.45	Pass
DFT-s-OFDM QPSK	834	Edge_1RB_Left	23.06	/	/	17.81	/	/	<=38.45	Pass
		Edge_1RB_Right	23.15	/	/	17.90	/	/	<=38.45	Pass
		Outer_Full	23.13	/	/	17.88	/	/	<=38.45	Pass
		Inner_Full	24.19	/	/	18.94	/	/	<=38.45	Pass
		Inner_1RB_Left	24.05	/	/	18.80	/	/	<=38.45	Pass
		Inner_1RB_Right	24.18	/	/	18.93	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	23.26	/	/	18.01	/	/	<=38.45	Pass
		Edge_1RB_Right	23.23	/	/	17.98	/	/	<=38.45	Pass
		Outer_Full	23.25	/	/	18.00	/	/	<=38.45	Pass
		Inner_Full	24.30	/	/	19.05	/	/	<=38.45	Pass
		Inner_1RB_Left	24.20	/	/	18.95	/	/	<=38.45	Pass
		Inner_1RB_Right	24.21	/	/	18.96	/	/	<=38.45	Pass
	839	Edge_1RB_Left	23.15	/	/	17.90	/	/	<=38.45	Pass
		Edge_1RB_Right	23.17	/	/	17.92	/	/	<=38.45	Pass
		Outer_Full	23.23	/	/	17.98	/	/	<=38.45	Pass
		Inner_Full	24.28	/	/	19.03	/	/	<=38.45	Pass
		Inner_1RB_Left	24.20	/	/	18.95	/	/	<=38.45	Pass
		Inner_1RB_Right	24.17	/	/	18.92	/	/	<=38.45	Pass
DFT-s-OFDM 16 QAM	834	Edge_1RB_Left	22.05	/	/	16.80	/	/	<=38.45	Pass
		Edge_1RB_Right	22.29	/	/	17.04	/	/	<=38.45	Pass
		Outer_Full	22.10	/	/	16.85	/	/	<=38.45	Pass
		Inner_Full	23.18	/	/	17.93	/	/	<=38.45	Pass
		Inner_1RB_Left	23.23	/	/	17.98	/	/	<=38.45	Pass
		Inner_1RB_Right	23.46	/	/	18.21	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	22.35	/	/	17.10	/	/	<=38.45	Pass
		Edge_1RB_Right	22.35	/	/	17.10	/	/	<=38.45	Pass
		Outer_Full	22.26	/	/	17.01	/	/	<=38.45	Pass
		Inner_Full	23.30	/	/	18.05	/	/	<=38.45	Pass
		Inner_1RB_Left	23.51	/	/	18.26	/	/	<=38.45	Pass
		Inner_1RB_Right	23.55	/	/	18.30	/	/	<=38.45	Pass
	839	Edge_1RB_Left	22.25	/	/	17.00	/	/	<=38.45	Pass
		Edge_1RB_Right	22.42	/	/	17.17	/	/	<=38.45	Pass
		Outer_Full	22.24	/	/	16.99	/	/	<=38.45	Pass
		Inner_Full	23.30	/	/	18.05	/	/	<=38.45	Pass
		Inner_1RB_Left	23.42	/	/	18.17	/	/	<=38.45	Pass
		Inner_1RB_Right	23.48	/	/	18.23	/	/	<=38.45	Pass
DFT-s-OFDM 64 QAM	834	Edge_1RB_Left	21.78	/	/	16.53	/	/	<=38.45	Pass
		Edge_1RB_Right	21.92	/	/	16.67	/	/	<=38.45	Pass
		Outer_Full	21.62	/	/	16.37	/	/	<=38.45	Pass
		Inner_Full	21.69	/	/	16.44	/	/	<=38.45	Pass
		Inner_1RB_Left	21.75	/	/	16.50	/	/	<=38.45	Pass
		Inner_1RB_Right	21.91	/	/	16.66	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.74	/	/	16.49	/	/	<=38.45	Pass
		Edge_1RB_Right	21.77	/	/	16.52	/	/	<=38.45	Pass
		Outer_Full	21.72	/	/	16.47	/	/	<=38.45	Pass
		Inner_Full	21.80	/	/	16.55	/	/	<=38.45	Pass
		Inner_1RB_Left	21.82	/	/	16.57	/	/	<=38.45	Pass
		Inner_1RB_Right	21.94	/	/	16.69	/	/	<=38.45	Pass
	839	Edge_1RB_Left	21.89	/	/	16.64	/	/	<=38.45	Pass
		Edge_1RB_Right	21.69	/	/	16.44	/	/	<=38.45	Pass

		Outer Full	21.74	/	/	16.49	/	/	<=38.45	Pass
		Inner Full	21.80	/	/	16.55	/	/	<=38.45	Pass
		Inner 1RB Left	21.79	/	/	16.54	/	/	<=38.45	Pass
		Inner 1RB Right	21.94	/	/	16.69	/	/	<=38.45	Pass
DFT-s-OFDM 256 QAM	834	Edge 1RB Left	19.45	/	/	14.20	/	/	<=38.45	Pass
		Edge 1RB Right	19.58	/	/	14.33	/	/	<=38.45	Pass
		Outer Full	19.57	/	/	14.32	/	/	<=38.45	Pass
		Inner Full	19.66	/	/	14.41	/	/	<=38.45	Pass
		Inner 1RB Left	19.49	/	/	14.24	/	/	<=38.45	Pass
		Inner 1RB Right	19.54	/	/	14.29	/	/	<=38.45	Pass
	836.5	Edge 1RB Left	19.62	/	/	14.37	/	/	<=38.45	Pass
		Edge 1RB Right	19.60	/	/	14.35	/	/	<=38.45	Pass
		Outer Full	19.74	/	/	14.49	/	/	<=38.45	Pass
		Inner Full	19.77	/	/	14.52	/	/	<=38.45	Pass
		Inner 1RB Left	19.65	/	/	14.40	/	/	<=38.45	Pass
		Inner 1RB Right	19.63	/	/	14.38	/	/	<=38.45	Pass
	839	Edge 1RB Left	19.61	/	/	14.36	/	/	<=38.45	Pass
		Edge 1RB Right	19.59	/	/	14.34	/	/	<=38.45	Pass
		Outer Full	19.76	/	/	14.51	/	/	<=38.45	Pass
		Inner Full	19.74	/	/	14.49	/	/	<=38.45	Pass
		Inner 1RB Left	19.54	/	/	14.29	/	/	<=38.45	Pass
		Inner 1RB Right	19.57	/	/	14.32	/	/	<=38.45	Pass
CP-OFDM QPSK	834	Edge 1RB Left	21.12	/	/	15.87	/	/	<=38.45	Pass
		Edge 1RB Right	21.14	/	/	15.89	/	/	<=38.45	Pass
		Outer Full	21.15	/	/	15.90	/	/	<=38.45	Pass
		Inner Full	22.67	/	/	17.42	/	/	<=38.45	Pass
		Inner 1RB Left	22.50	/	/	17.25	/	/	<=38.45	Pass
		Inner 1RB Right	22.59	/	/	17.34	/	/	<=38.45	Pass
	836.5	Edge 1RB Left	21.24	/	/	15.99	/	/	<=38.45	Pass
		Edge 1RB Right	21.21	/	/	15.96	/	/	<=38.45	Pass
		Outer Full	21.26	/	/	16.01	/	/	<=38.45	Pass
		Inner Full	22.81	/	/	17.56	/	/	<=38.45	Pass
		Inner 1RB Left	22.64	/	/	17.39	/	/	<=38.45	Pass
		Inner 1RB Right	22.68	/	/	17.43	/	/	<=38.45	Pass
	839	Edge 1RB Left	21.21	/	/	15.96	/	/	<=38.45	Pass
		Edge 1RB Right	21.29	/	/	16.04	/	/	<=38.45	Pass
		Outer Full	21.25	/	/	16.00	/	/	<=38.45	Pass
		Inner Full	22.78	/	/	17.53	/	/	<=38.45	Pass
		Inner 1RB Left	22.57	/	/	17.32	/	/	<=38.45	Pass
		Inner 1RB Right	22.63	/	/	17.38	/	/	<=38.45	Pass
CP-OFDM 16 QAM	834	Edge 1RB Left	21.38	/	/	16.13	/	/	<=38.45	Pass
		Edge 1RB Right	21.52	/	/	16.27	/	/	<=38.45	Pass
		Outer Full	21.12	/	/	15.87	/	/	<=38.45	Pass
		Inner Full	22.16	/	/	16.91	/	/	<=38.45	Pass
		Inner 1RB Left	22.23	/	/	16.98	/	/	<=38.45	Pass
		Inner 1RB Right	22.41	/	/	17.16	/	/	<=38.45	Pass
	836.5	Edge 1RB Left	21.52	/	/	16.27	/	/	<=38.45	Pass
		Edge 1RB Right	21.42	/	/	16.17	/	/	<=38.45	Pass
		Outer Full	21.29	/	/	16.04	/	/	<=38.45	Pass
		Inner Full	22.25	/	/	17.00	/	/	<=38.45	Pass
		Inner 1RB Left	22.49	/	/	17.24	/	/	<=38.45	Pass
		Inner 1RB Right	22.47	/	/	17.22	/	/	<=38.45	Pass
	839	Edge 1RB Left	21.26	/	/	16.01	/	/	<=38.45	Pass
		Edge 1RB Right	21.52	/	/	16.27	/	/	<=38.45	Pass
		Outer Full	21.24	/	/	15.99	/	/	<=38.45	Pass
		Inner Full	22.25	/	/	17.00	/	/	<=38.45	Pass
		Inner 1RB Left	22.44	/	/	17.19	/	/	<=38.45	Pass
		Inner 1RB Right	22.44	/	/	17.19	/	/	<=38.45	Pass
CP-OFDM 64 QAM	834	Edge 1RB Left	20.74	/	/	15.49	/	/	<=38.45	Pass

		Edge 1RB Right	20.99	/	/	15.74	/	/	<=38.45	Pass
		Outer Full	20.60	/	/	15.35	/	/	<=38.45	Pass
		Inner Full	20.69	/	/	15.44	/	/	<=38.45	Pass
		Inner 1RB Left	20.71	/	/	15.46	/	/	<=38.45	Pass
		Inner 1RB Right	20.80	/	/	15.55	/	/	<=38.45	Pass
	836.5	Edge 1RB Left	20.90	/	/	15.65	/	/	<=38.45	Pass
		Edge 1RB Right	20.92	/	/	15.67	/	/	<=38.45	Pass
		Outer Full	20.73	/	/	15.48	/	/	<=38.45	Pass
		Inner Full	20.76	/	/	15.51	/	/	<=38.45	Pass
		Inner 1RB Left	21.06	/	/	15.81	/	/	<=38.45	Pass
	839	Inner 1RB Right	21.01	/	/	15.76	/	/	<=38.45	Pass
		Edge 1RB Left	20.84	/	/	15.59	/	/	<=38.45	Pass
		Edge 1RB Right	21.03	/	/	15.78	/	/	<=38.45	Pass
		Outer Full	20.76	/	/	15.51	/	/	<=38.45	Pass
		Inner Full	20.72	/	/	15.47	/	/	<=38.45	Pass
CP-OFDM 256 QAM	834	Inner 1RB Left	21.01	/	/	15.76	/	/	<=38.45	Pass
		Inner 1RB Right	20.80	/	/	15.55	/	/	<=38.45	Pass
		Edge 1RB Left	17.53	/	/	12.28	/	/	<=38.45	Pass
		Edge 1RB Right	17.67	/	/	12.42	/	/	<=38.45	Pass
		Outer Full	17.59	/	/	12.34	/	/	<=38.45	Pass
		Inner Full	17.63	/	/	12.38	/	/	<=38.45	Pass
	836.5	Inner 1RB Left	17.50	/	/	12.25	/	/	<=38.45	Pass
		Inner 1RB Right	17.59	/	/	12.34	/	/	<=38.45	Pass
		Edge 1RB Left	17.63	/	/	12.38	/	/	<=38.45	Pass
		Edge 1RB Right	17.67	/	/	12.42	/	/	<=38.45	Pass
		Outer Full	17.73	/	/	12.48	/	/	<=38.45	Pass
		Inner Full	17.70	/	/	12.45	/	/	<=38.45	Pass
	839	Inner 1RB Left	17.61	/	/	12.36	/	/	<=38.45	Pass
		Inner 1RB Right	17.60	/	/	12.35	/	/	<=38.45	Pass
		Edge 1RB Left	17.58	/	/	12.33	/	/	<=38.45	Pass
Edge 1RB Right		17.70	/	/	12.45	/	/	<=38.45	Pass	
Outer Full		17.70	/	/	12.45	/	/	<=38.45	Pass	
	Inner Full	17.65	/	/	12.40	/	/	<=38.45	Pass	
	Inner 1RB Left	17.59	/	/	12.34	/	/	<=38.45	Pass	
	Inner 1RB Right	17.61	/	/	12.36	/	/	<=38.45	Pass	
Note1: Antenna Gain: Ant1: -3.10dBi; 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	-8.10	-0.0097	>=-2.5 & <=2.5	Pass
				HV	-9.00	-0.0108	>=-2.5 & <=2.5	Pass
			-30	NV	-8.60	-0.0103	>=-2.5 & <=2.5	Pass
			-20	NV	-6.60	-0.0079	>=-2.5 & <=2.5	Pass
			-10	NV	-8.60	-0.0103	>=-2.5 & <=2.5	Pass
			0	NV	-5.70	-0.0068	>=-2.5 & <=2.5	Pass
			10	NV	-7.90	-0.0094	>=-2.5 & <=2.5	Pass
			20	NV	-6.70	-0.0080	>=-2.5 & <=2.5	Pass
			30	NV	-5.10	-0.0061	>=-2.5 & <=2.5	Pass

			40	NV	-6.80	-0.0081	>=-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	4.53	4.97	/	Pass
DFT-s-OFDM QPSK	836.5	Outer_Full	4.54	5.03	/	Pass
DFT-s-OFDM 16 QAM	836.5	Outer_Full	4.53	5.00	/	Pass
DFT-s-OFDM 64 QAM	836.5	Outer_Full	4.54	4.96	/	Pass
DFT-s-OFDM 256 QAM	836.5	Outer_Full	4.52	5.03	/	Pass
CP-OFDM QPSK	836.5	Outer_Full	4.52	4.98	/	Pass
CP-OFDM 16 QAM	836.5	Outer_Full	4.52	4.99	/	Pass
CP-OFDM 64 QAM	836.5	Outer_Full	4.52	4.97	/	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	9.05	9.70	/	Pass
DFT-s-OFDM QPSK	836.5	Outer_Full	9.06	9.75	/	Pass
DFT-s-OFDM 16 QAM	836.5	Outer_Full	9.01	9.76	/	Pass
DFT-s-OFDM 64 QAM	836.5	Outer_Full	9.00	9.68	/	Pass
DFT-s-OFDM 256 QAM	836.5	Outer_Full	9.03	9.76	/	Pass
CP-OFDM QPSK	836.5	Outer_Full	9.41	10.14	/	Pass
CP-OFDM 16 QAM	836.5	Outer_Full	9.39	10.07	/	Pass
CP-OFDM 64 QAM	836.5	Outer_Full	9.35	10.05	/	Pass
CP-OFDM 256 QAM	836.5	Outer_Full	9.36	10.06	/	Pass

3.1.3 15k_SISO_15MHz_NTNV

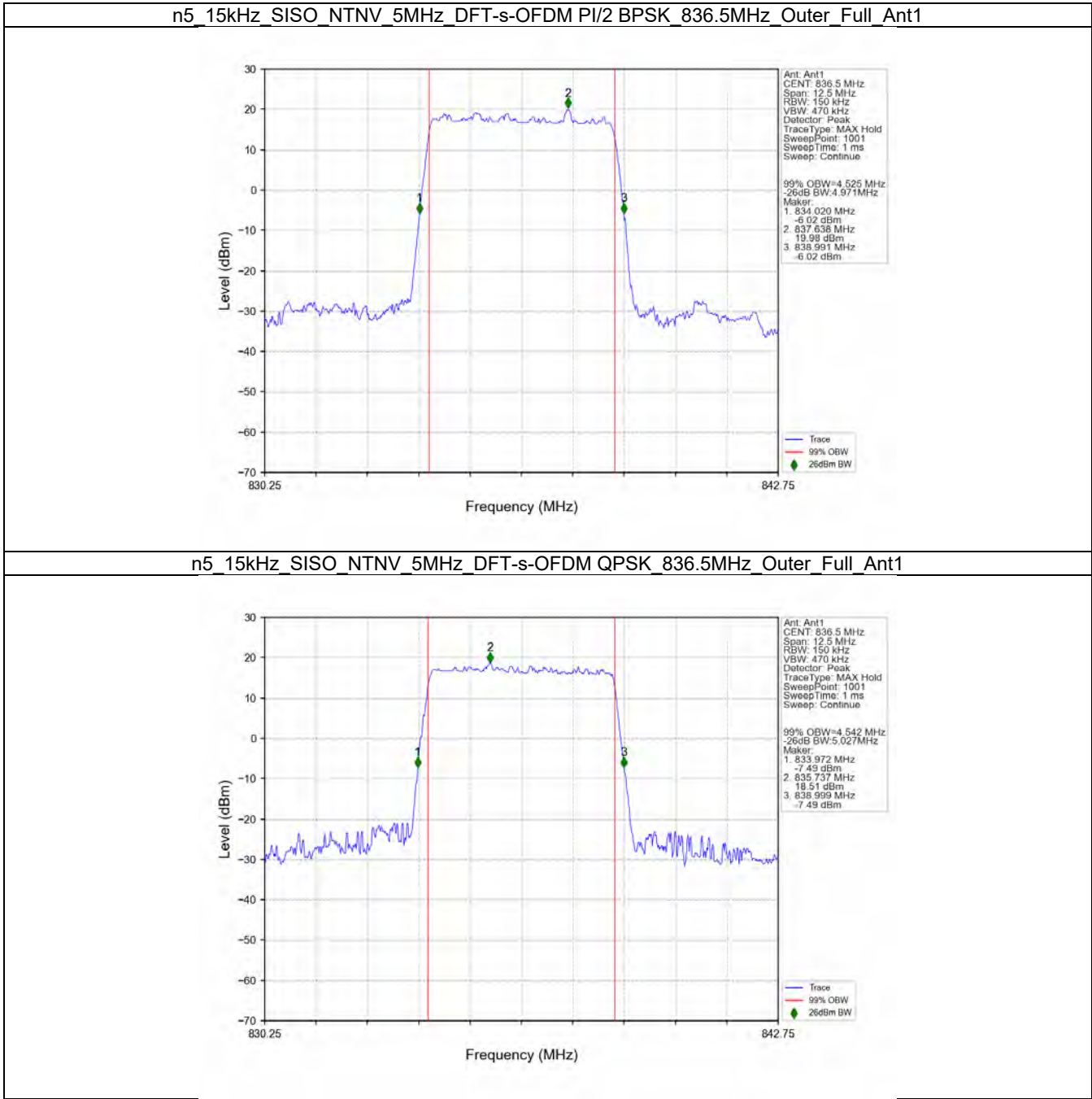
5G NR n5 SCS=15kHz SISO 15MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	836.5	Outer_Full	13.53	14.50	/	Pass
DFT-s-OFDM QPSK	836.5	Outer_Full	13.54	14.57	/	Pass
DFT-s-OFDM 16 QAM	836.5	Outer_Full	13.53	14.58	/	Pass
DFT-s-OFDM 64 QAM	836.5	Outer_Full	13.50	14.55	/	Pass
DFT-s-OFDM 256 QAM	836.5	Outer_Full	13.55	14.61	/	Pass
CP-OFDM QPSK	836.5	Outer_Full	14.24	15.23	/	Pass
CP-OFDM 16 QAM	836.5	Outer_Full	14.28	15.30	/	Pass
CP-OFDM 64 QAM	836.5	Outer_Full	14.23	15.26	/	Pass
CP-OFDM 256 QAM	836.5	Outer_Full	14.21	15.29	/	Pass

3.1.4 15k_SISO_20MHz_NTNV

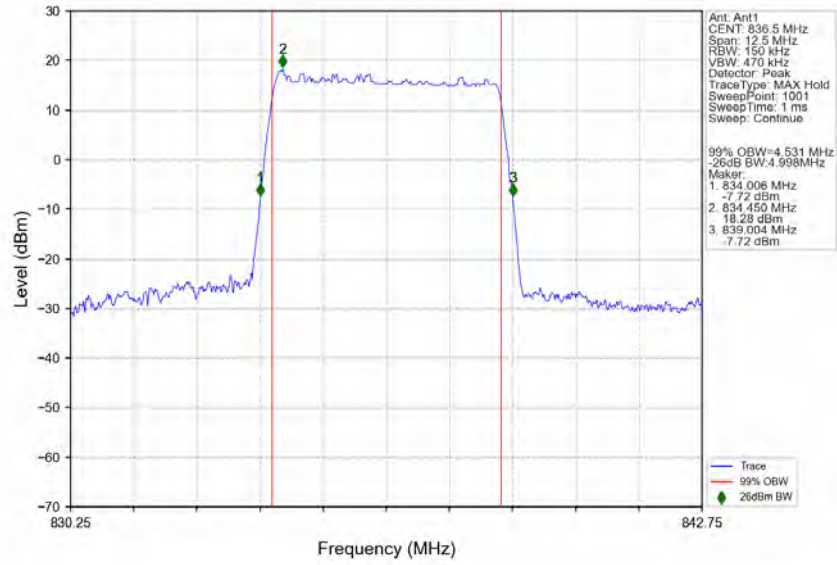
5G NR n5 SCS=15kHz SISO 20MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	836.5	Outer_Full	18.09	19.37	/	Pass
DFT-s-OFDM QPSK	836.5	Outer_Full	18.04	19.47	/	Pass
DFT-s-OFDM 16 QAM	836.5	Outer_Full	18.06	19.43	/	Pass
DFT-s-OFDM 64 QAM	836.5	Outer_Full	18.00	19.32	/	Pass
DFT-s-OFDM 256 QAM	836.5	Outer_Full	18.06	19.38	/	Pass
CP-OFDM QPSK	836.5	Outer_Full	19.02	20.44	/	Pass
CP-OFDM 16 QAM	836.5	Outer_Full	19.04	20.47	/	Pass
CP-OFDM 64 QAM	836.5	Outer_Full	19.07	20.48	/	Pass
CP-OFDM 256 QAM	836.5	Outer_Full	19.11	20.47	/	Pass

3.2 Test Graph

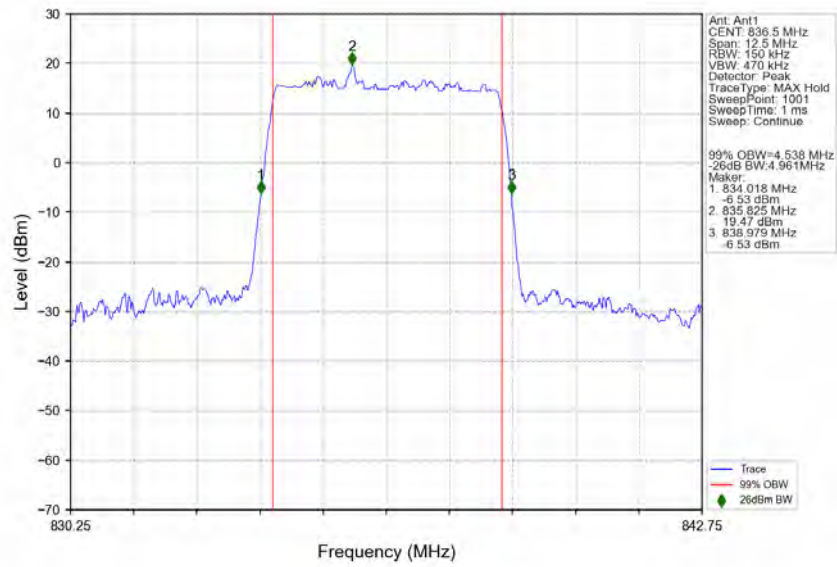
3.2.1 15k_SISO_5MHz_NTNV



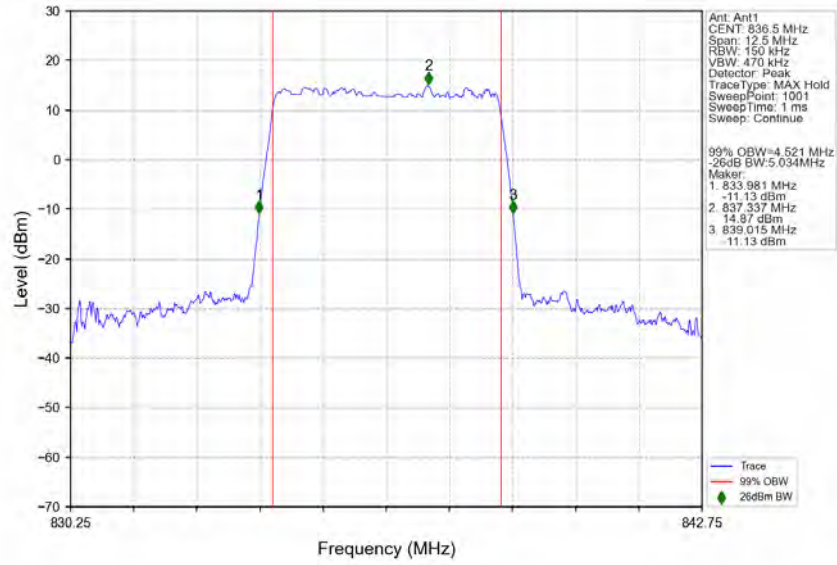
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_16_QAM_836.5MHz_Outer_Full_Ant1



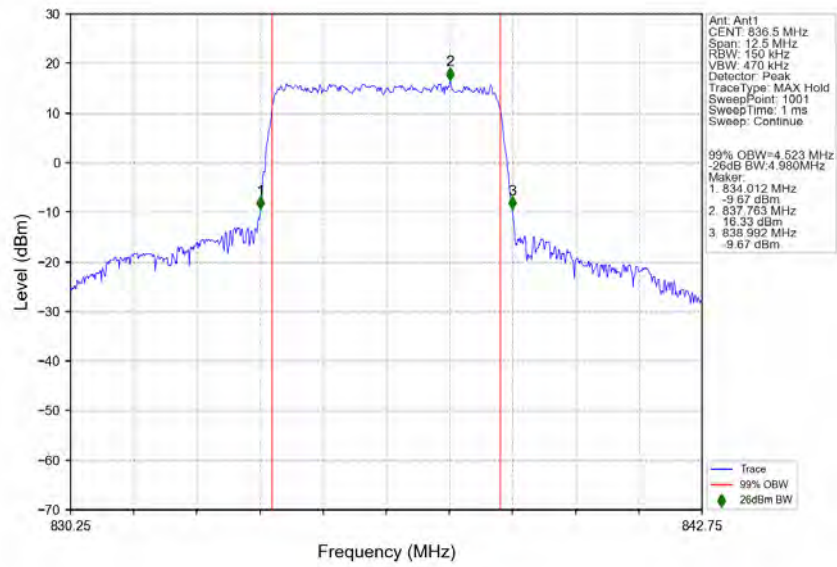
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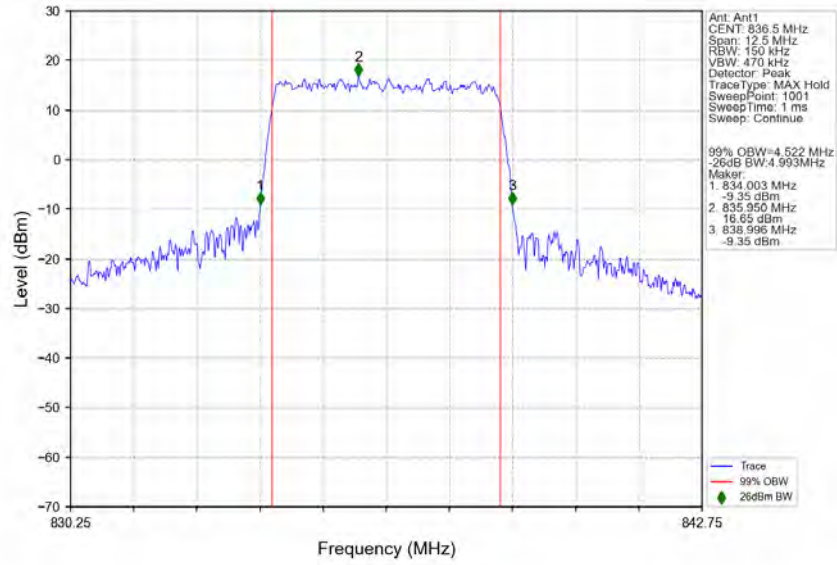
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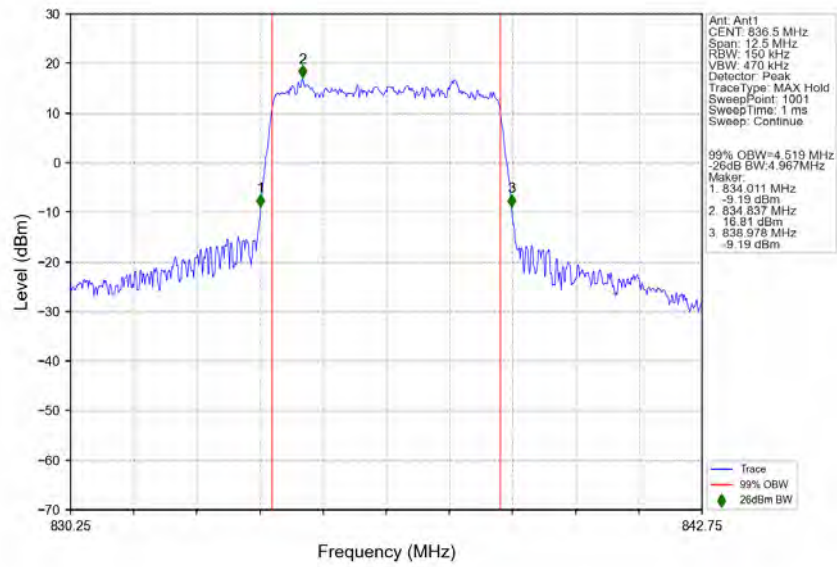
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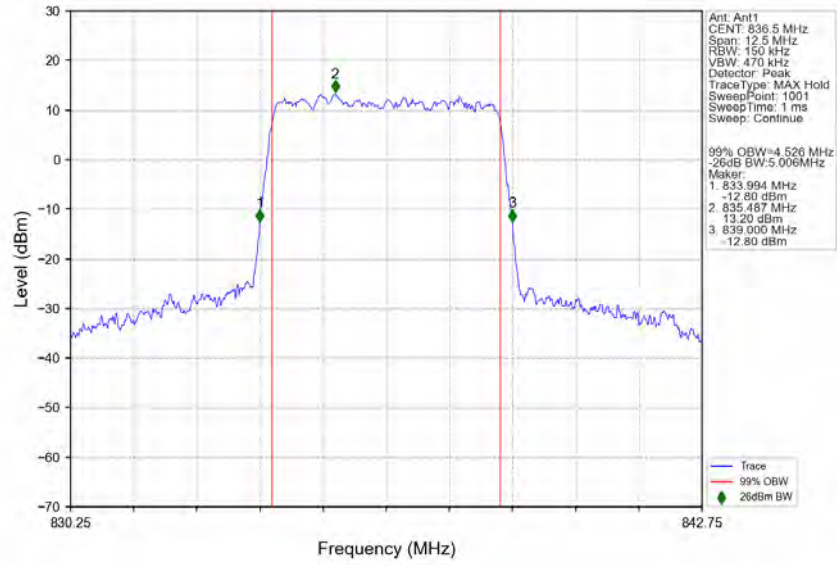
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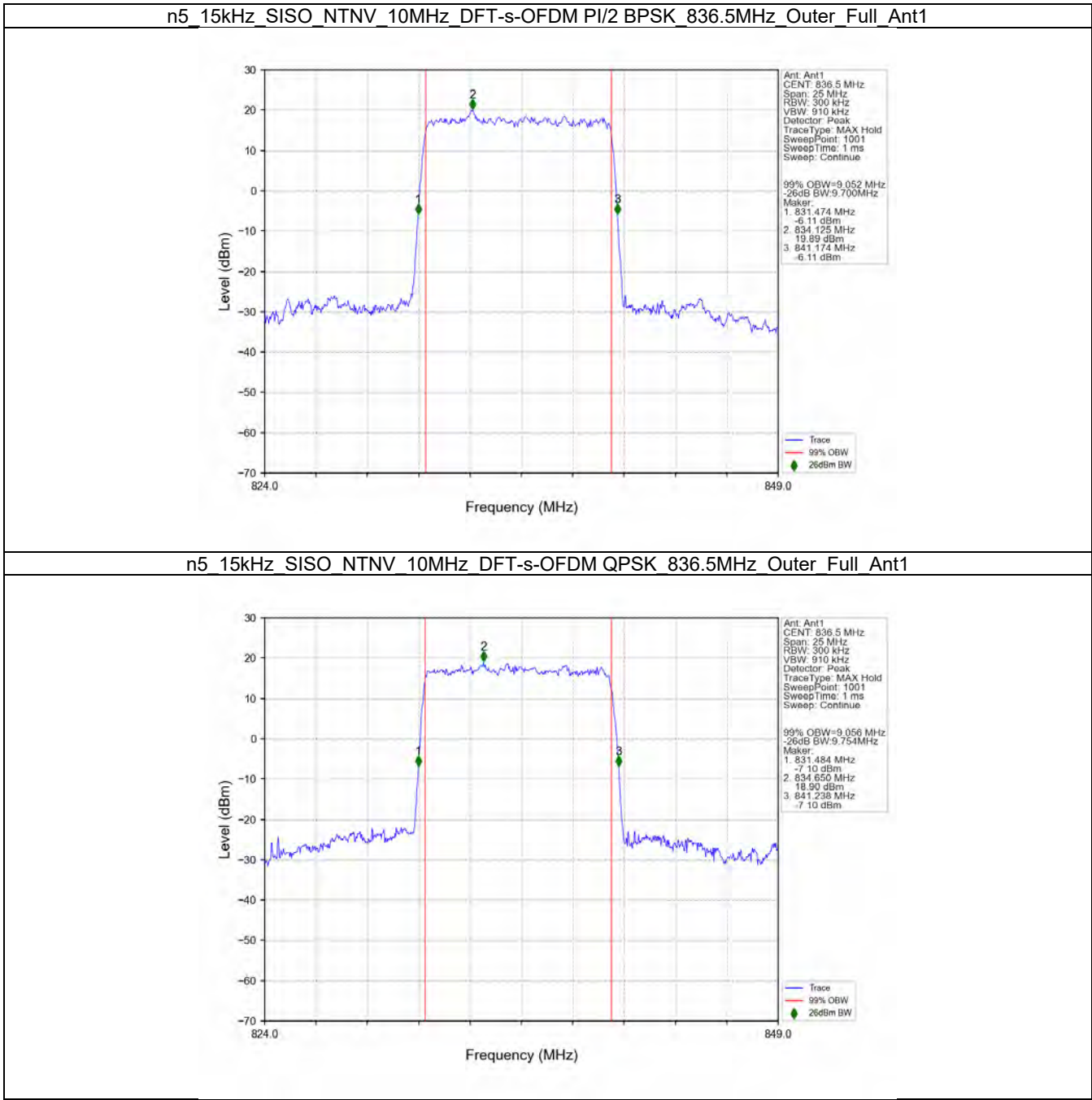
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_64 QAM_836.5MHz_Outer_Full_Ant1



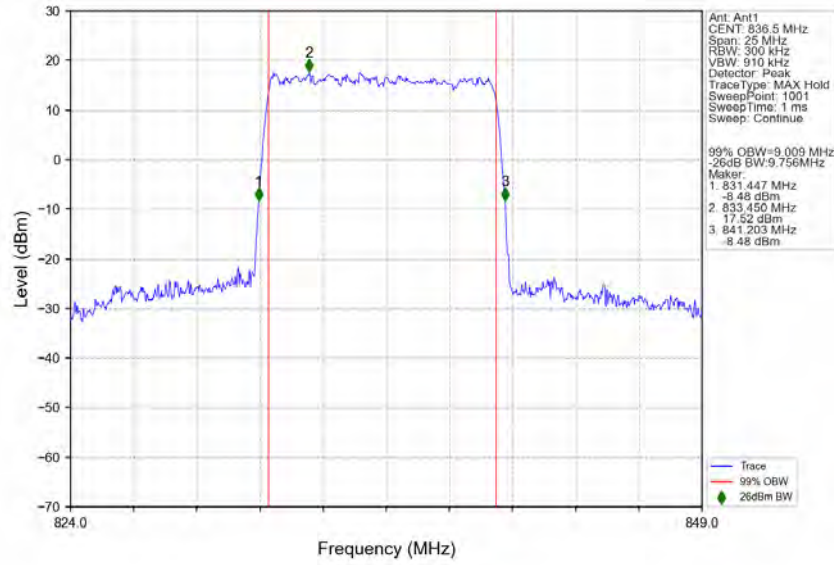
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM 256 QAM 836.5MHz_Outer_Full_Ant1



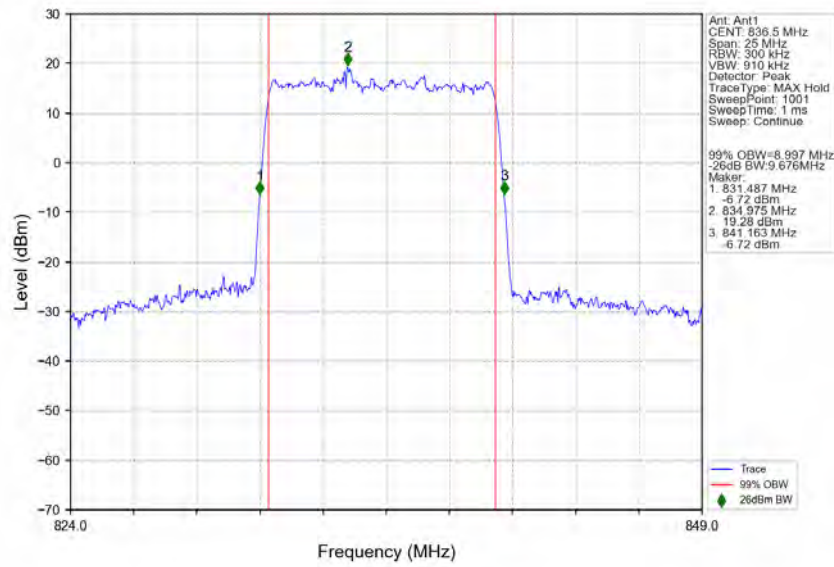
3.2.2 15k_SISO_10MHz_NTNV



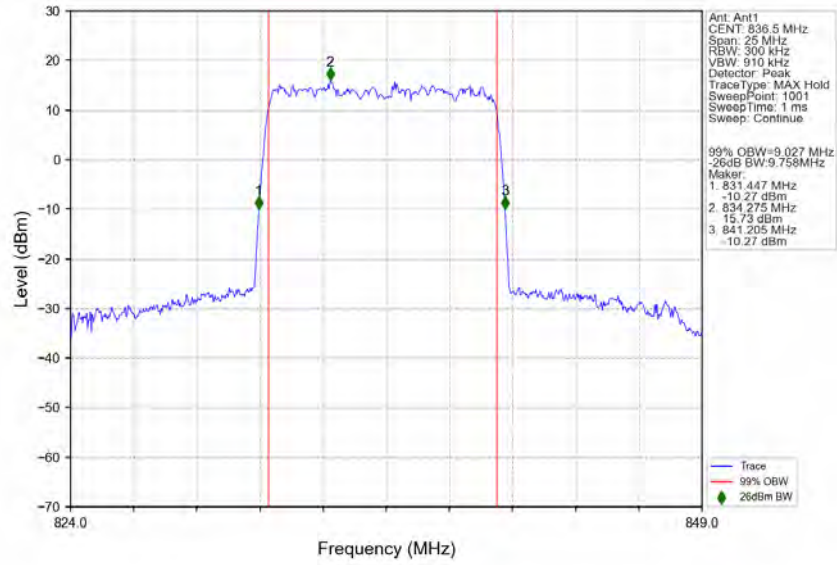
n5_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 16 QAM 836.5MHz_Outer_Full_Ant1



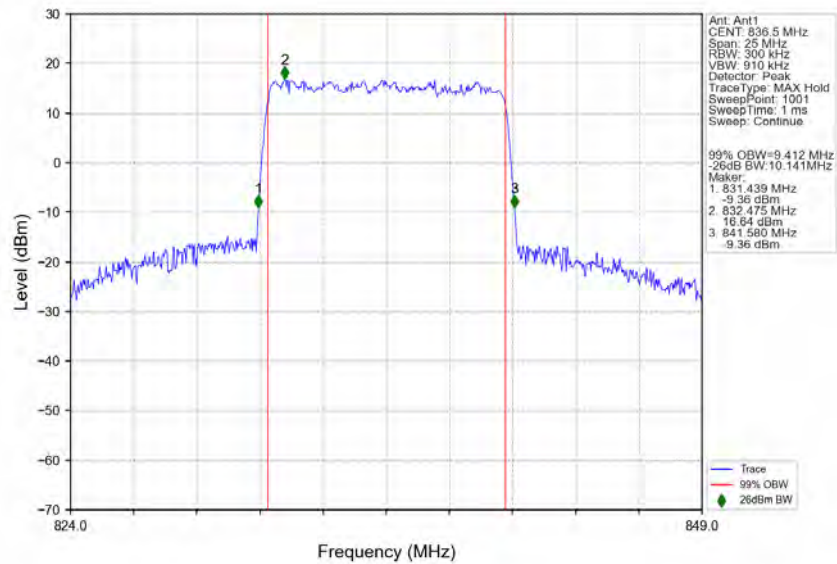
n5_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 64 QAM 836.5MHz_Outer_Full_Ant1



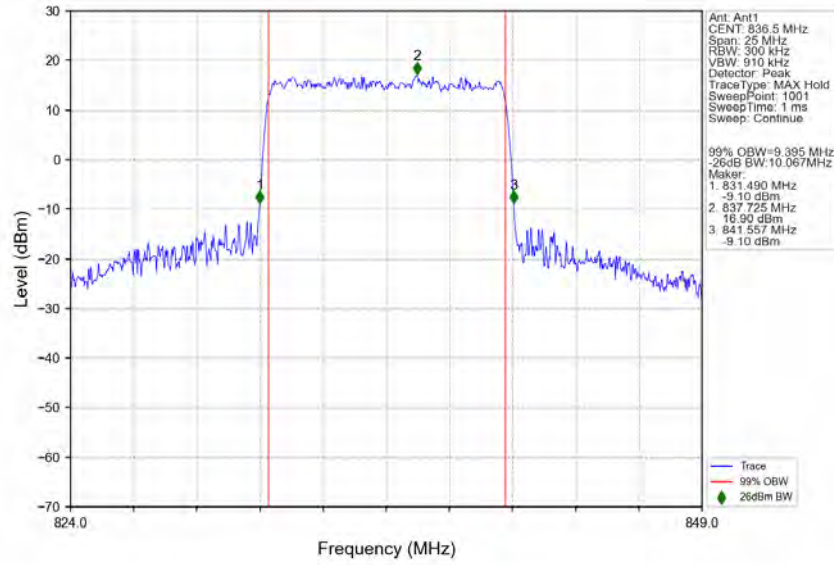
n5_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_256_QAM_836.5MHz_Outer_Full_Ant1



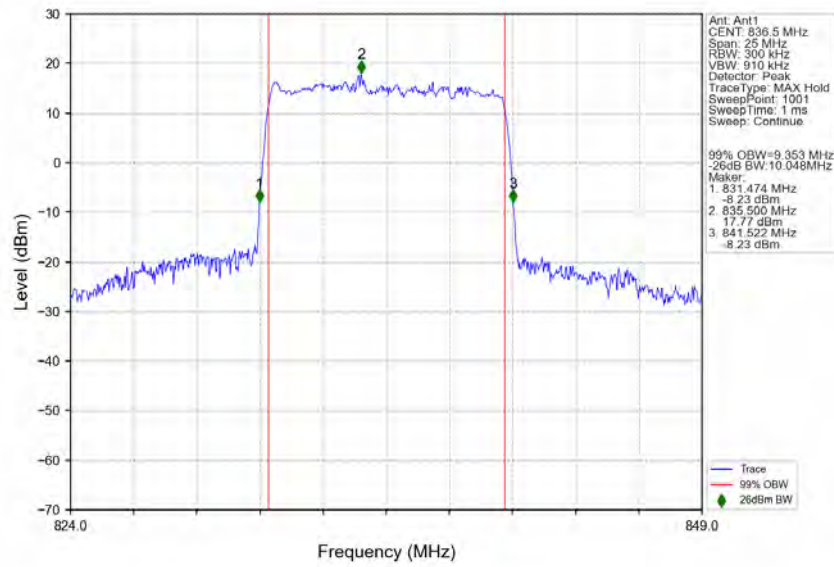
n5_15kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_836.5MHz_Outer_Full_Ant1



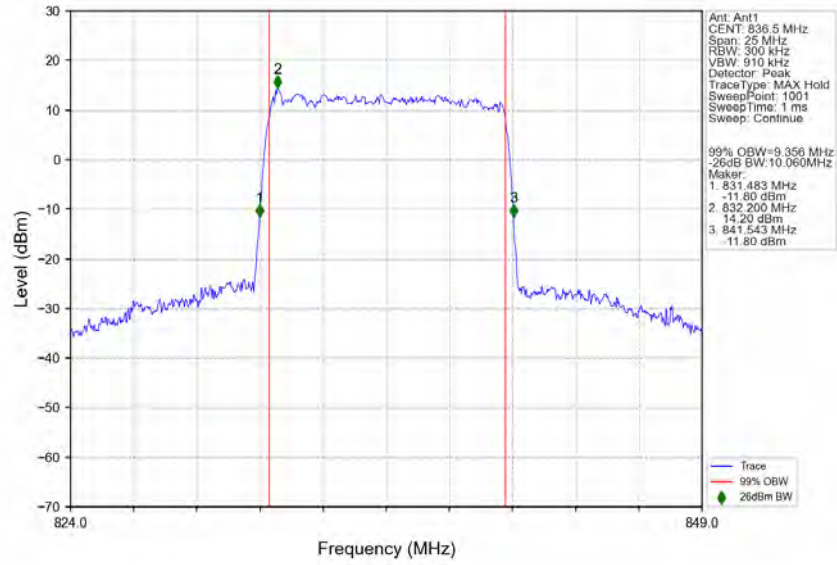
n5_15kHz_SISO_NTNV_10MHz_CP-OFDM 16 QAM 836.5MHz_Outer_Full_Ant1



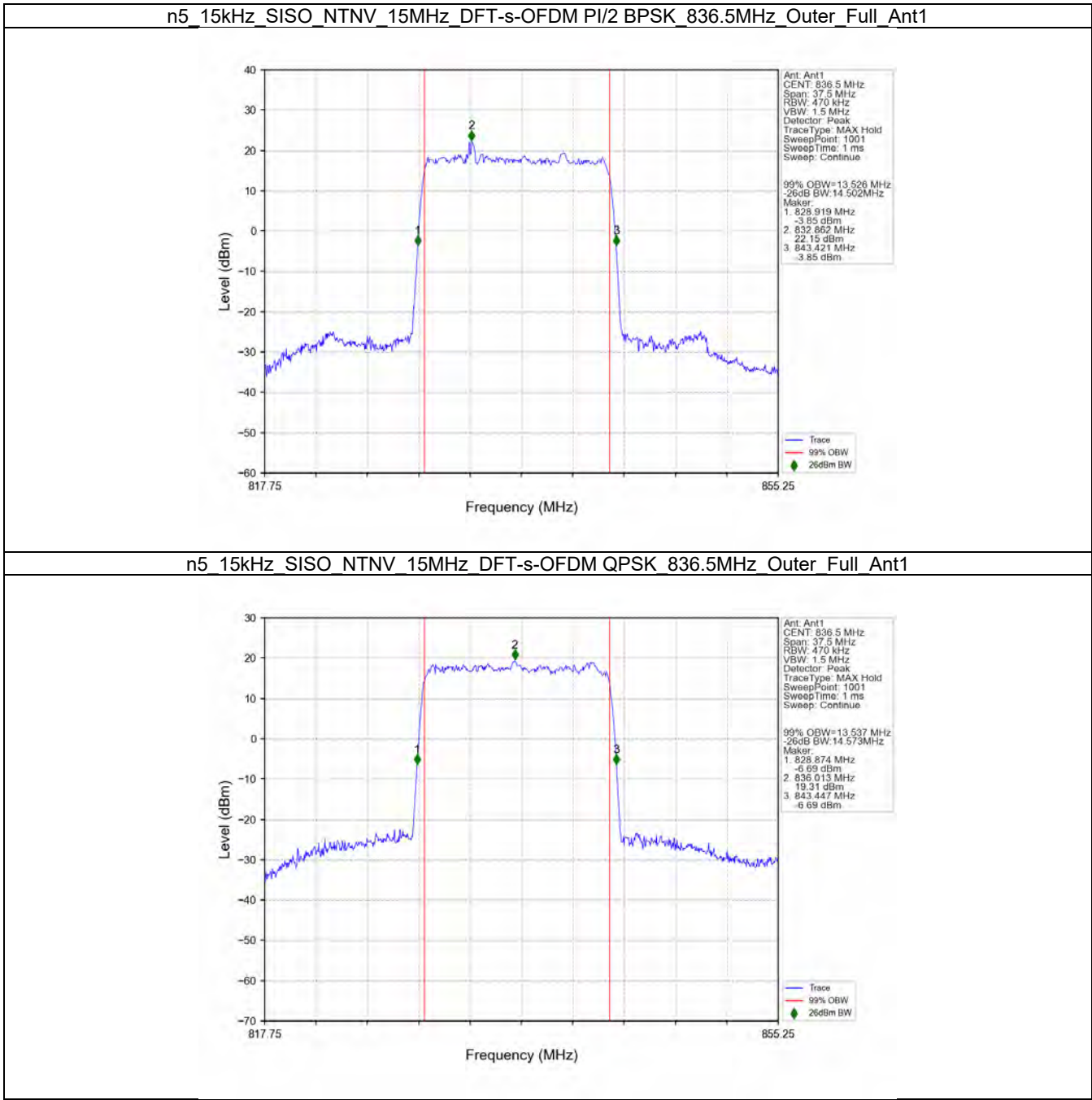
n5_15kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM 836.5MHz_Outer_Full_Ant1



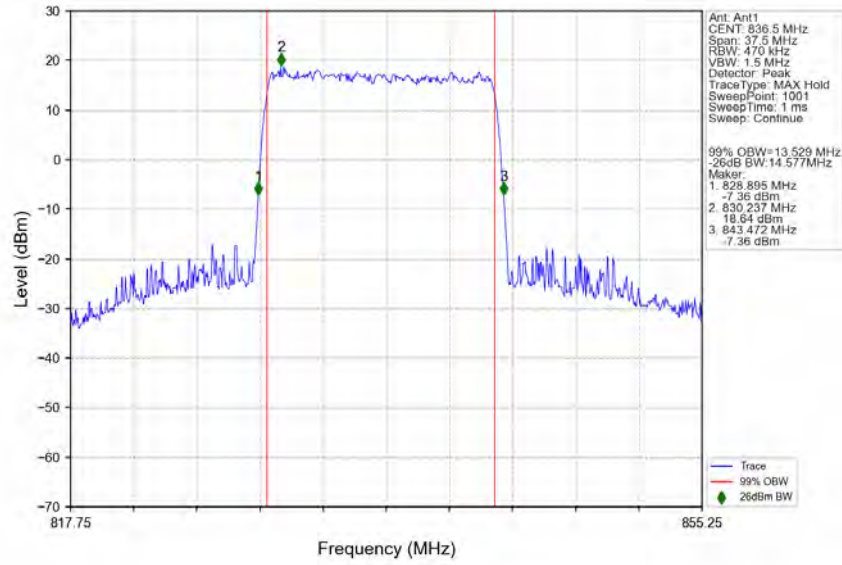
n5_15kHz_SISO_NTNV_10MHz_CP-OFDM_256_QAM_836.5MHz_Outer_Full_Ant1



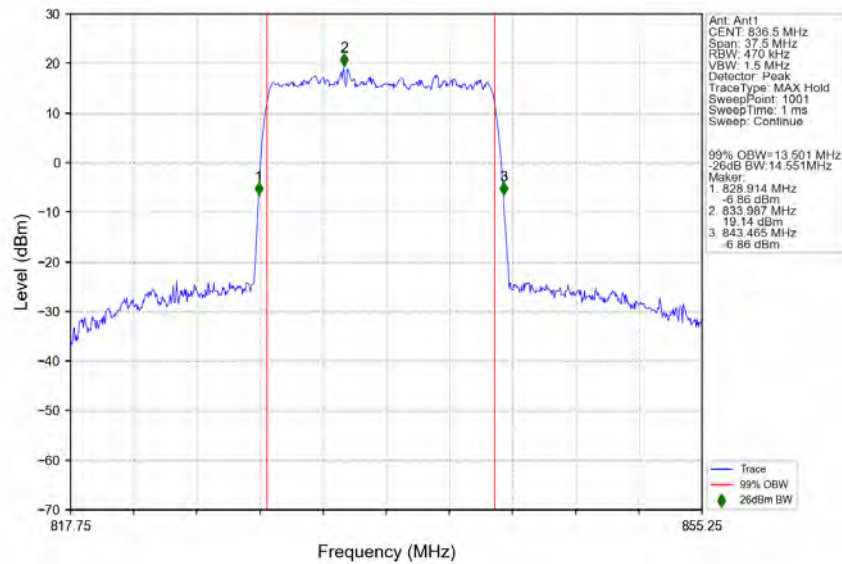
3.2.3 15k_SISO_15MHz_NTNV



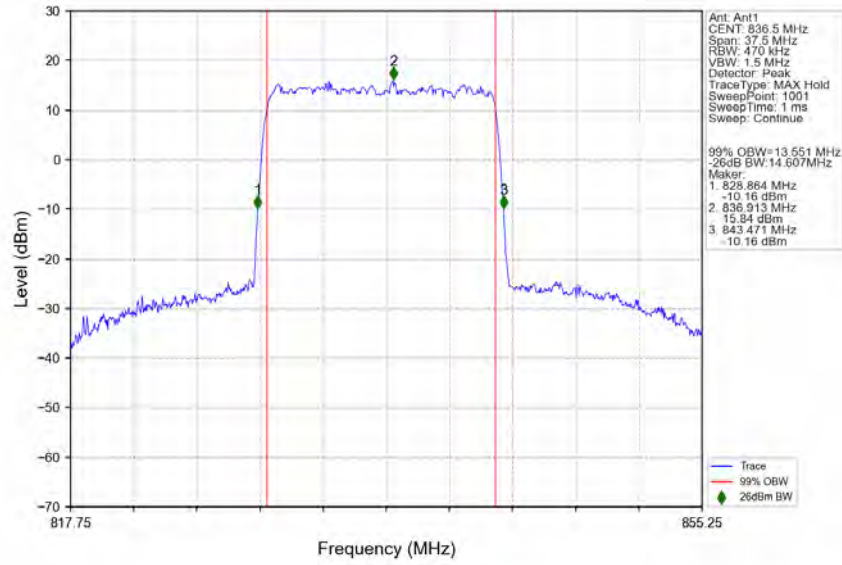
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 16 QAM 836.5MHz_Outer_Full_Ant1



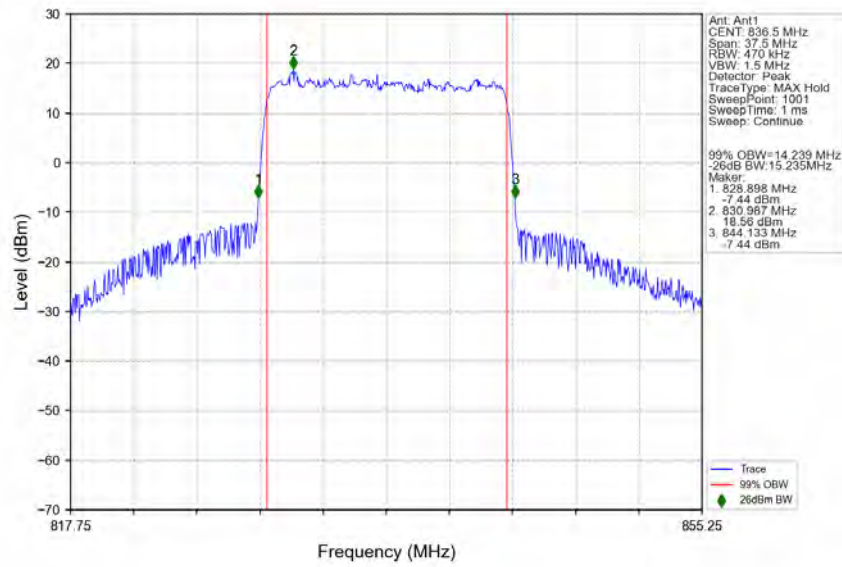
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 64 QAM 836.5MHz_Outer_Full_Ant1



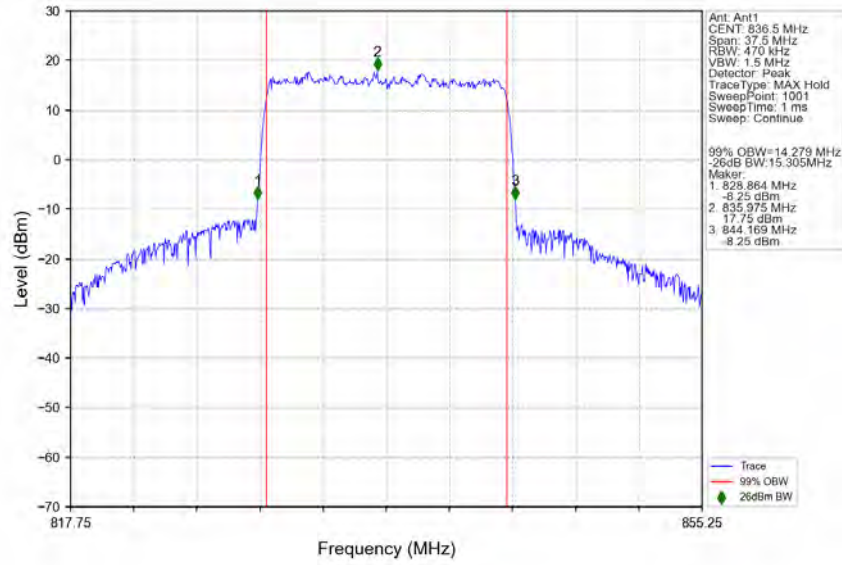
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_256_QAM_836.5MHz_Outer_Full_Ant1



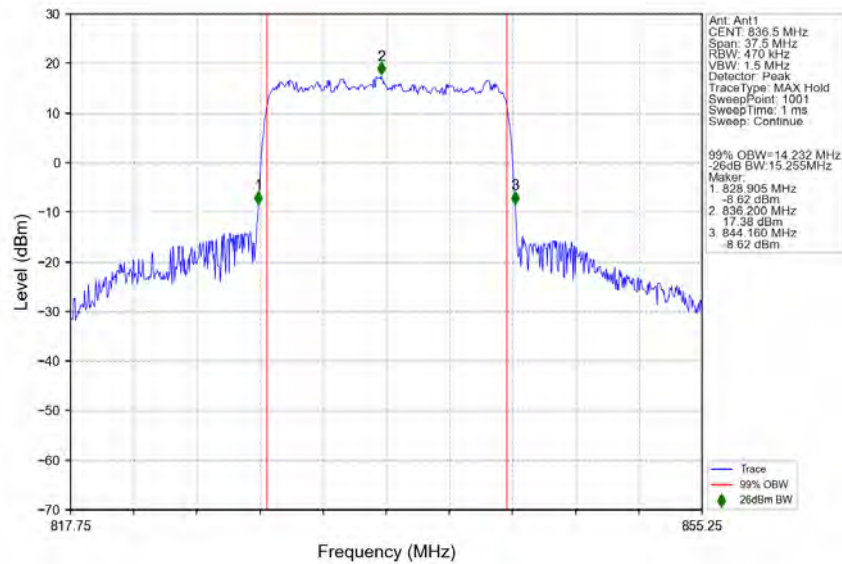
n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_836.5MHz_Outer_Full_Ant1



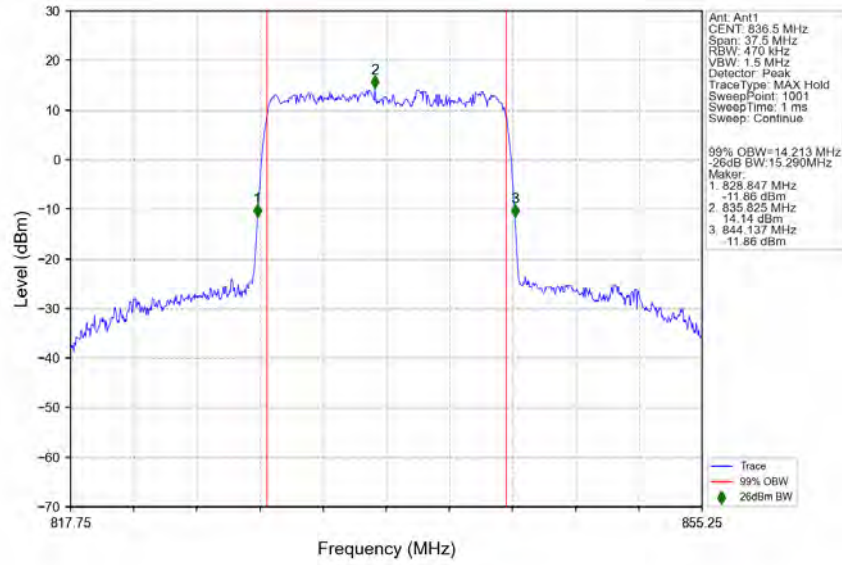
n5_15kHz_SISO_NTNV_15MHz_CP-OFDM 16 QAM 836.5MHz_Outer_Full_Ant1



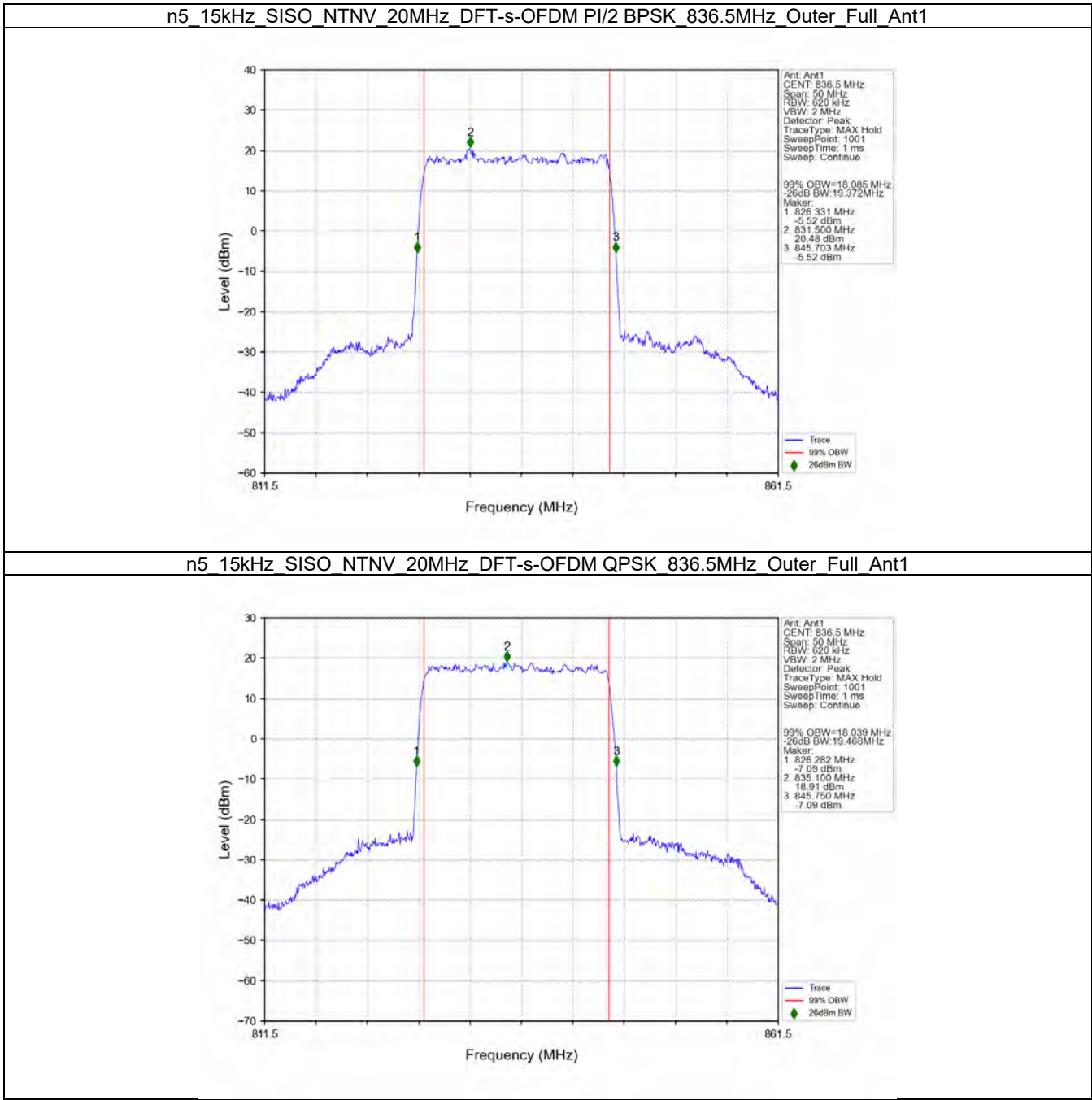
n5_15kHz_SISO_NTNV_15MHz_CP-OFDM 64 QAM 836.5MHz_Outer_Full_Ant1



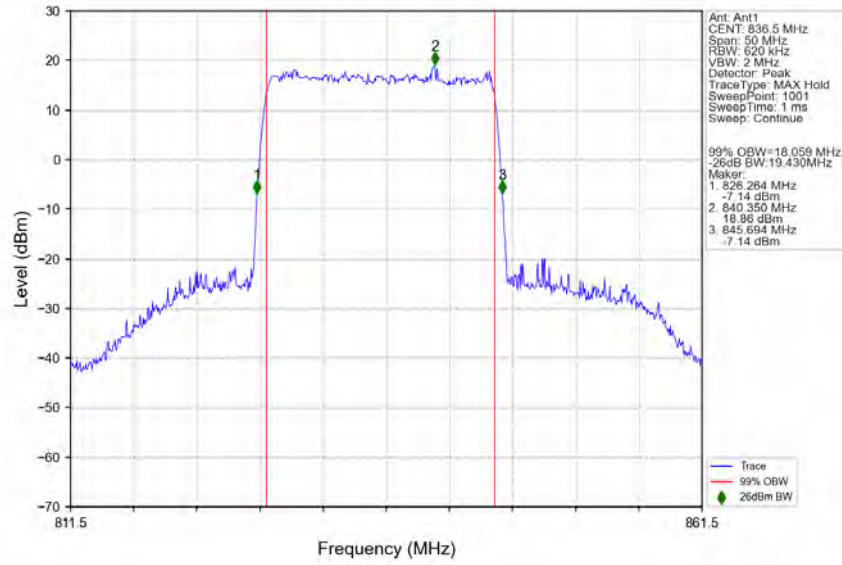
n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_256_QAM_836.5MHz_Outer_Full_Ant1



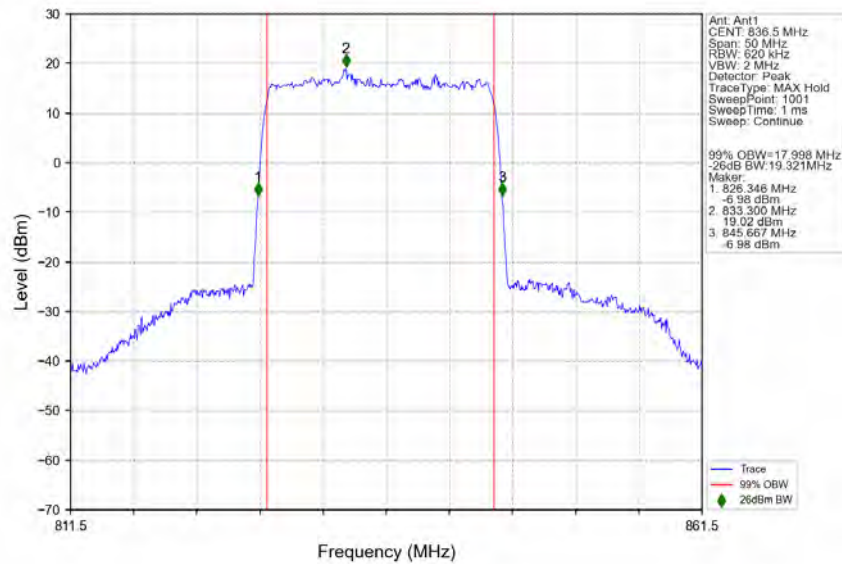
3.2.4 15k_SISO_20MHz_NTNV



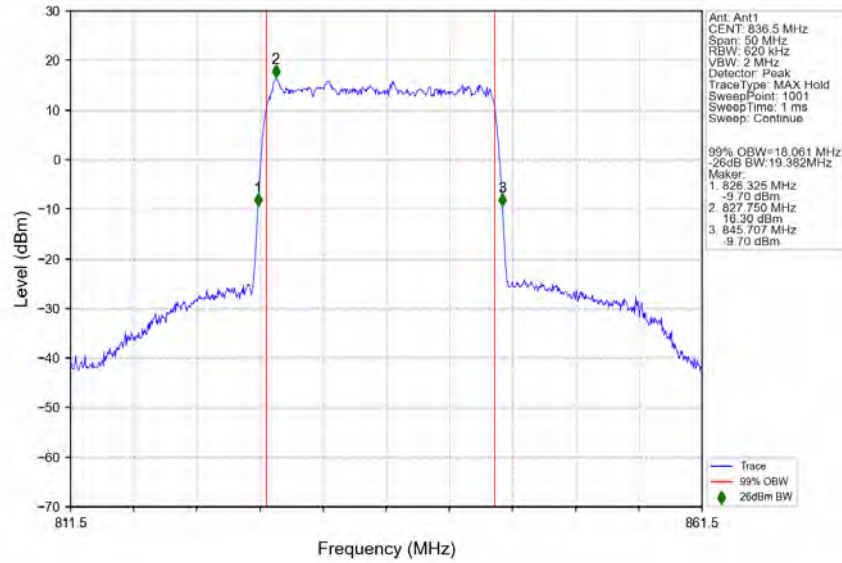
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 16 QAM 836.5MHz_Outer_Full_Ant1



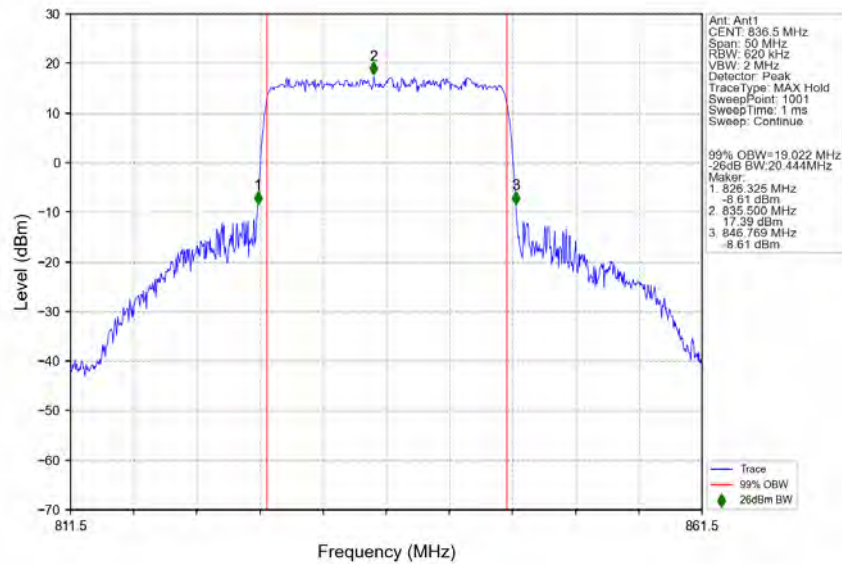
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 64 QAM 836.5MHz_Outer_Full_Ant1



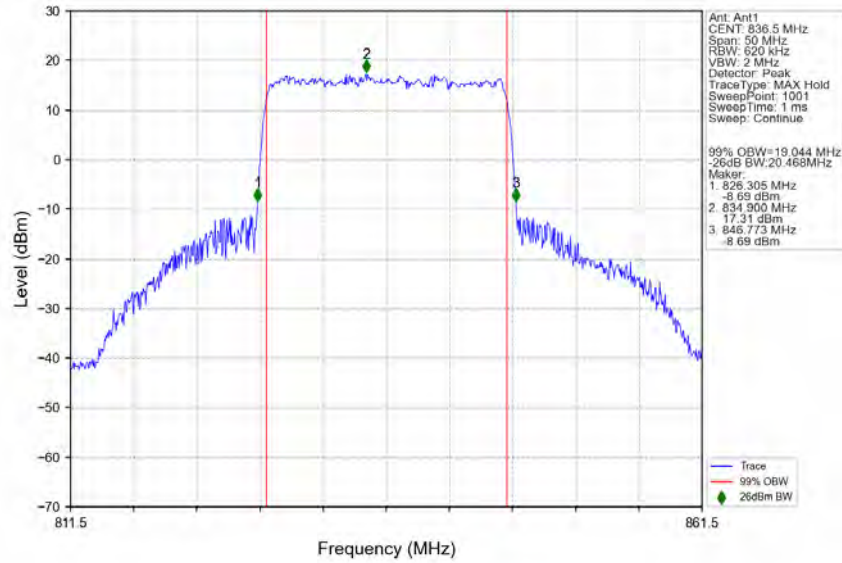
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_256_QAM_836.5MHz_Outer_Full_Ant1



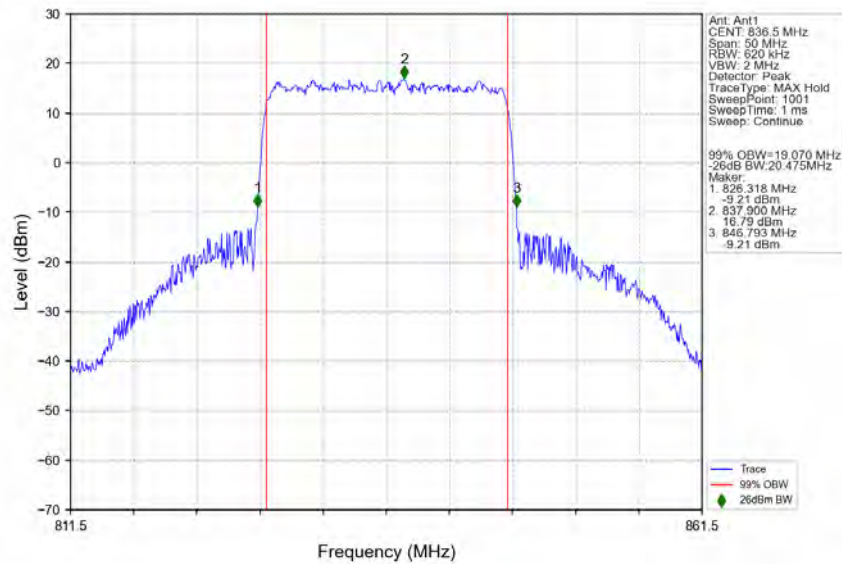
n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_836.5MHz_Outer_Full_Ant1



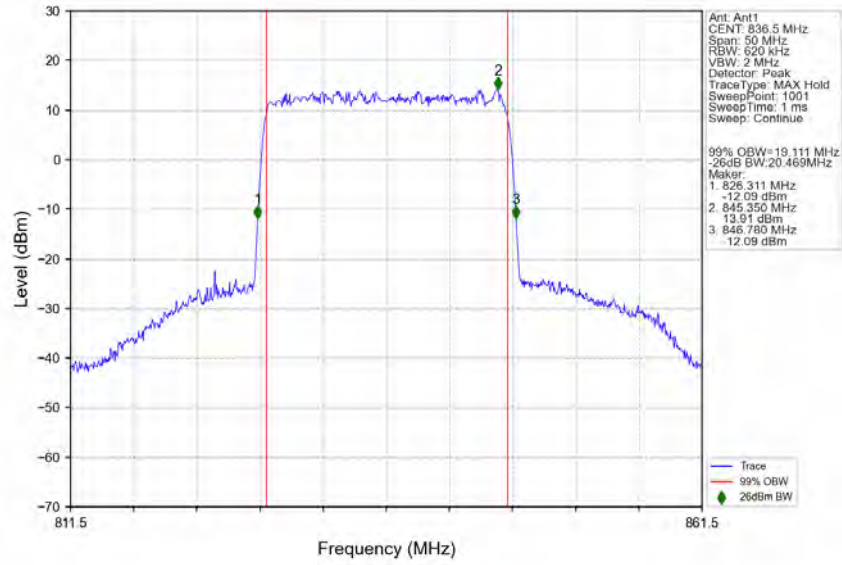
n5_15kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM 836.5MHz_Outer_Full_Ant1



n5_15kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM 836.5MHz_Outer_Full_Ant1



n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_256_QAM_836.5MHz_Outer_Full_Ant1



4. Peak-Average Ratio

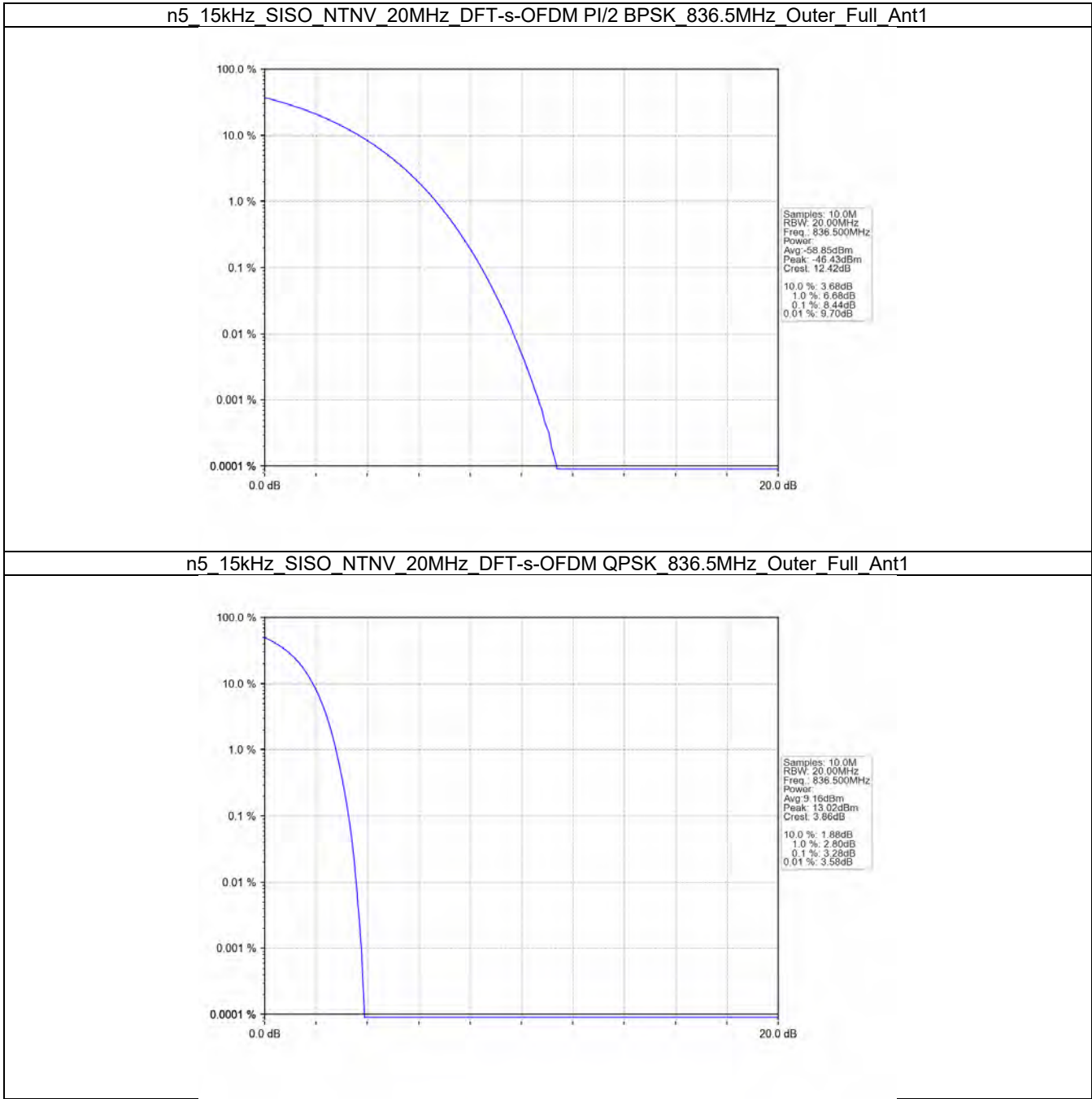
4.1 Test Result

4.1.1 15k_SISO_20MHz_NTNV

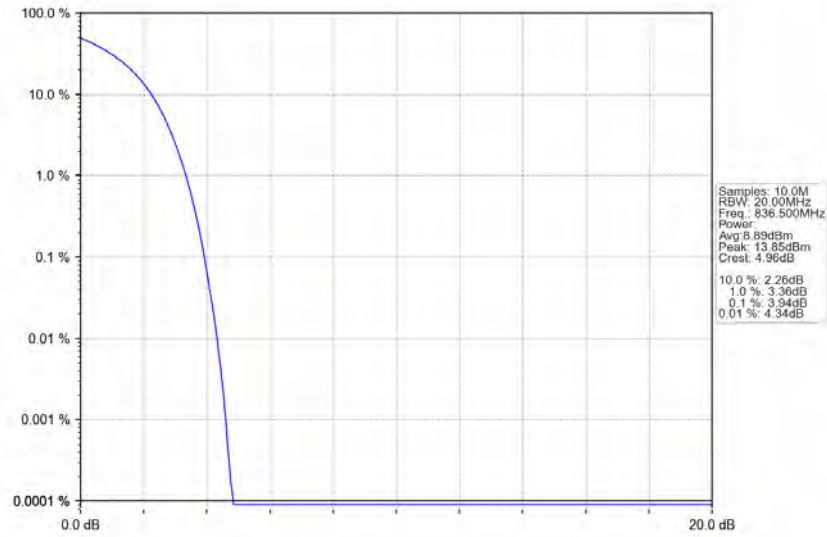
5G NR n5 SCS=15kHz SISO 20MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	836.5	Outer_Full	8.44	/	/	<=13	Pass
DFT-s-OFDM QPSK	836.5	Outer_Full	3.28	/	/	<=13	Pass
CP-OFDM QPSK	836.5	Outer_Full	3.94	/	/	<=13	Pass

4.2 Test Graph

4.2.1 15k_SISO_20MHz_NTNV



n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_836.5MHz_Outer_Full_Ant1



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
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	826.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	836.5	Edge_1RB_Left	Refer To Test Graph				Pass
		846.5	Edge_1RB_Right	Refer To Test Graph			
	Outer_Full		Refer To Test Graph				Pass
	DFT-s-OFDM QPSK	826.5	Edge_1RB_Left	Refer To Test Graph			
Outer_Full			Refer To Test Graph				Pass
836.5		Edge_1RB_Left	Refer To Test Graph				Pass
		846.5	Edge_1RB_Right	Refer To Test Graph			
Outer_Full			Refer To Test Graph				Pass
CP-OFDM QPSK		826.5	Edge_1RB_Left	Refer To Test Graph			
	Outer_Full		Refer To Test Graph				Pass
	836.5	Edge_1RB_Left	Refer To Test Graph				Pass
		846.5	Edge_1RB_Right	Refer To Test Graph			
	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
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	831.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	836.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
	841.5	Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM QPSK	831.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	836.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
	841.5	Outer_Full	Refer To Test Graph				Pass
CP-OFDM QPSK	831.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	836.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
	841.5	Outer_Full	Refer To Test Graph				Pass

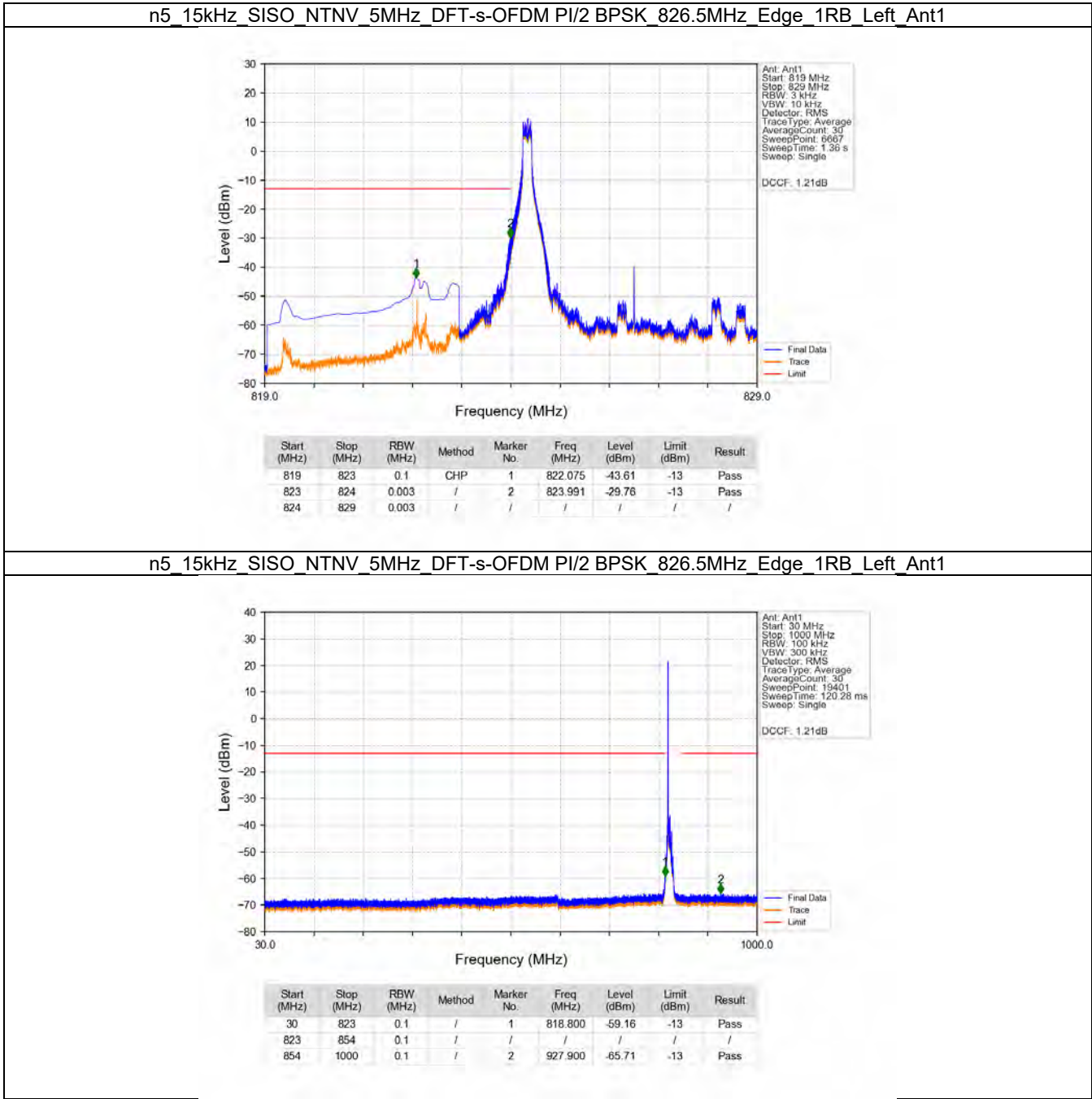
5.1.3 15k_SISO_20MHz_NTNV

5G NR n5 SCS=15kHz SISO 20MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	834	Edge 1RB Left	Refer To Test Graph				Pass

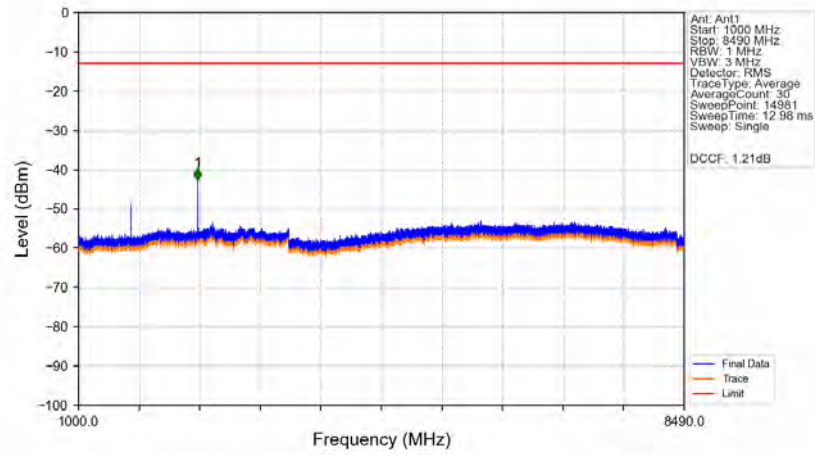
		Outer_Full	Refer To Test Graph	Pass
	836.5	Edge_1RB_Left	Refer To Test Graph	Pass
	839	Edge_1RB_Right	Refer To Test Graph	Pass
		Outer_Full	Refer To Test Graph	Pass
DFT-s-OFDM QPSK	834	Edge_1RB_Left	Refer To Test Graph	Pass
		Outer_Full	Refer To Test Graph	Pass
	836.5	Edge_1RB_Left	Refer To Test Graph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

5.2 Test Graph

5.2.1 15k_SISO_5MHz_NTNV

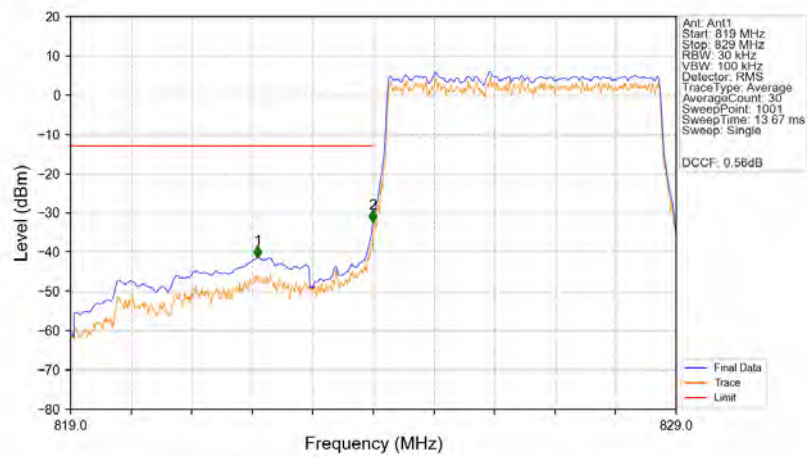


n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_826.5MHz_Edge_1RB_Left_Ant1



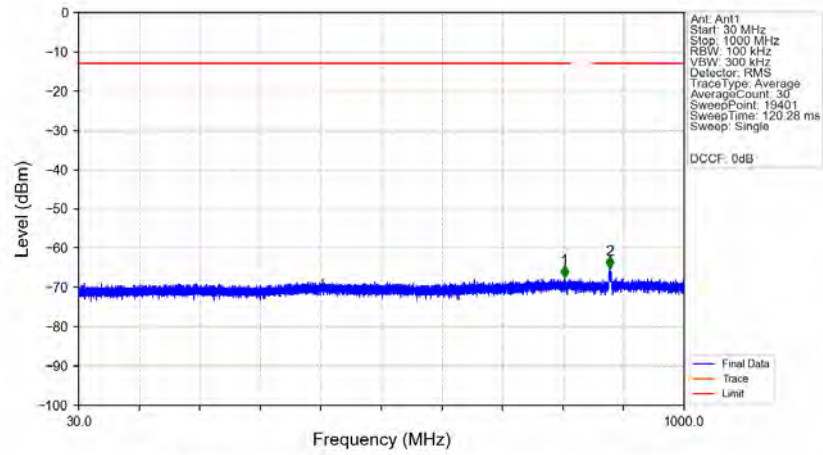
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	2473.500	-42.67	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_826.5MHz_Outer_Full_Ant1



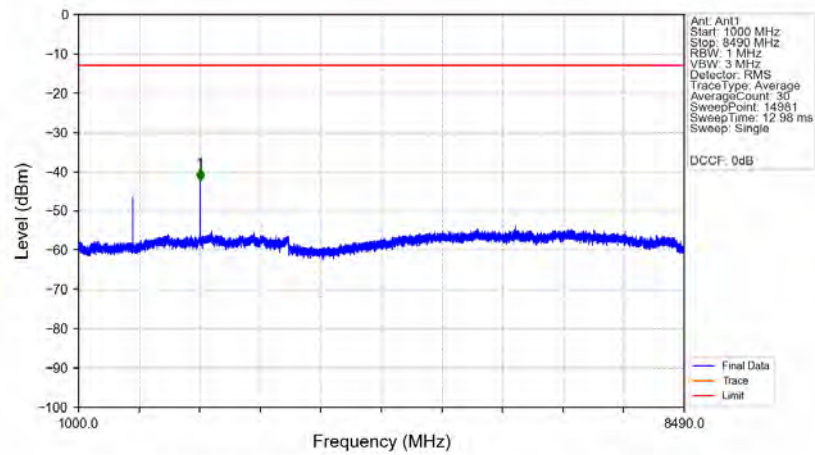
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.090	-41.45	-13	Pass
823	824	0.05034	CHP	2	823.990	-32.45	-13	Pass
824	829	0.05034	CHP	/	/	/	/	/

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_836.5MHz_Edge_1RB_Left_Ant1



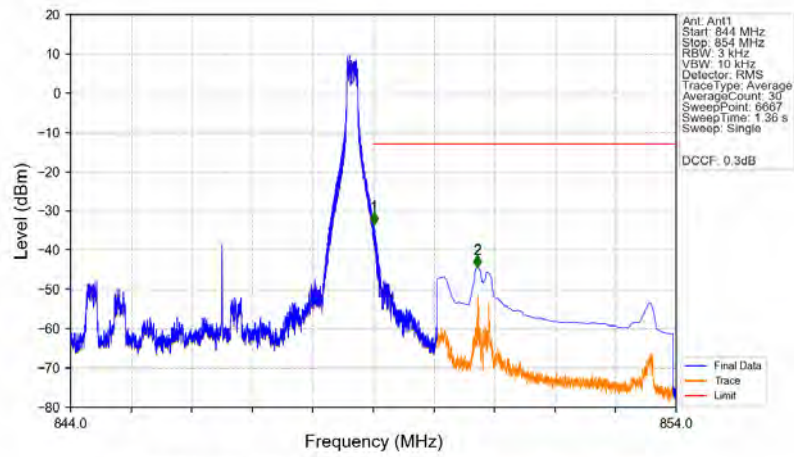
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	808.150	-67.47	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	880.450	-65.16	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_836.5MHz_Edge_1RB_Left_Ant1

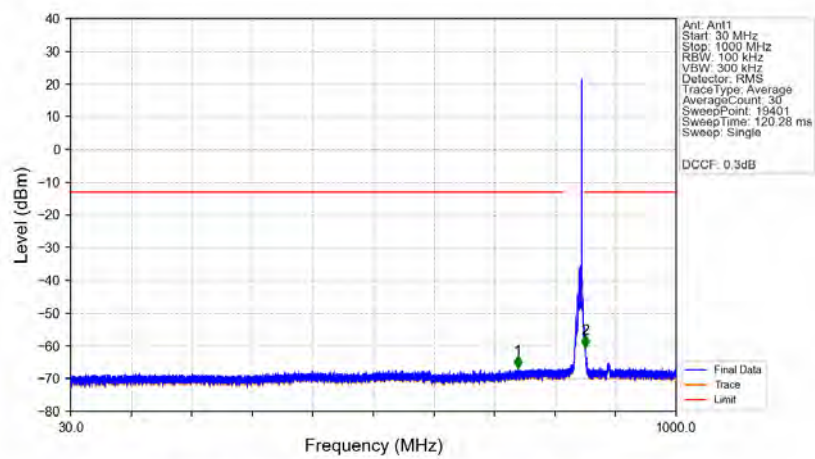


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	2503.500	-42.31	-13	Pass

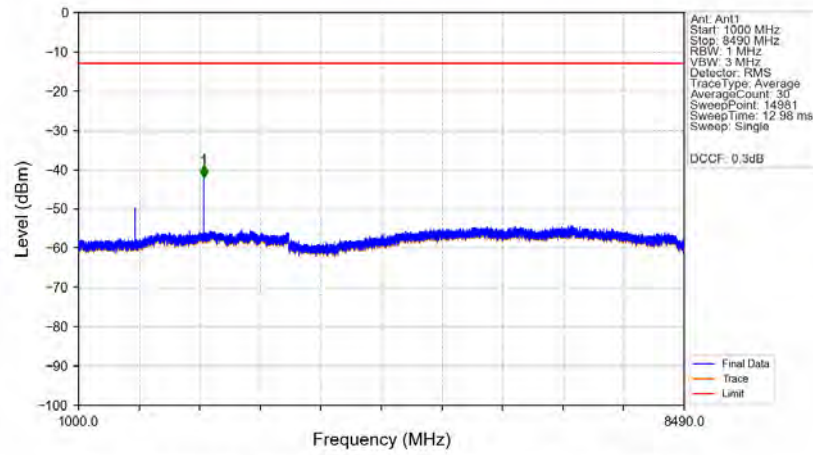
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_846.5MHz_Edge_1RB_Right_Ant1



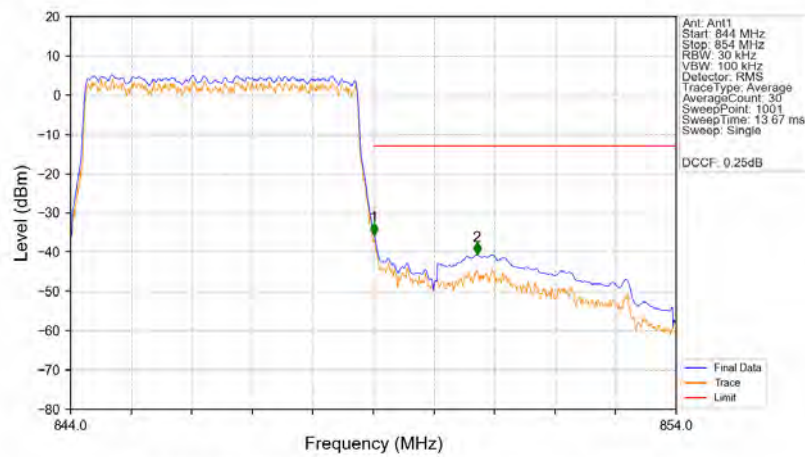
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_846.5MHz_Edge_1RB_Right_Ant1



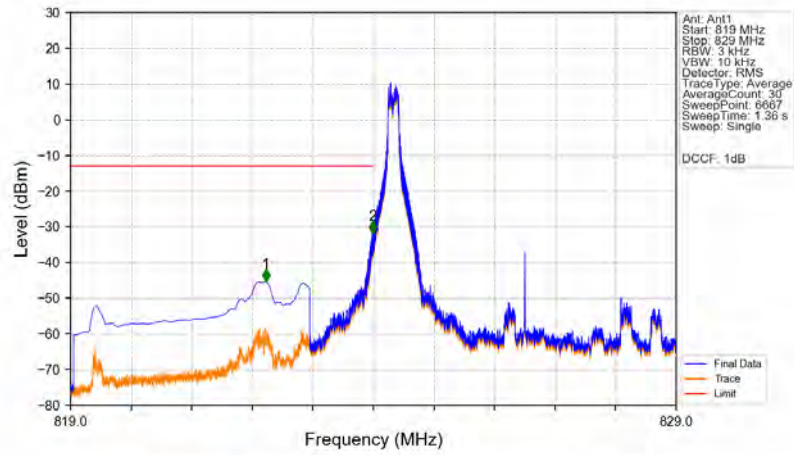
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_846.5MHz_Edge_1RB_Right_Ant1



n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_846.5MHz_Outer_Full_Ant1

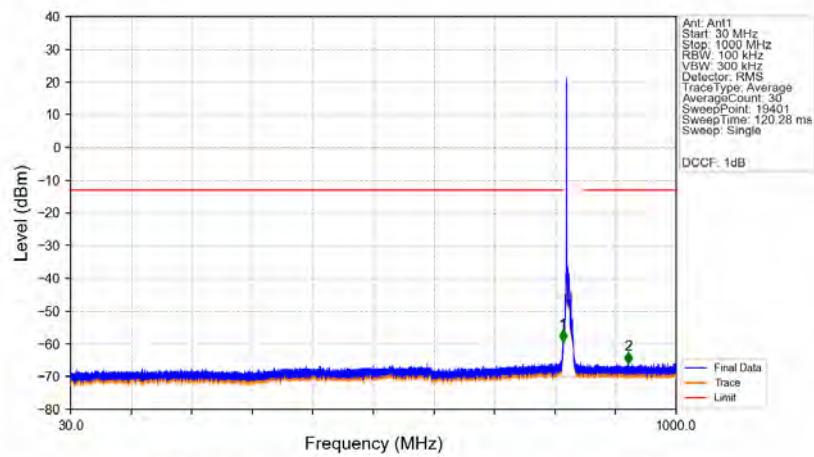


n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_826.5MHz_Edge_1RB_Left_Ant1



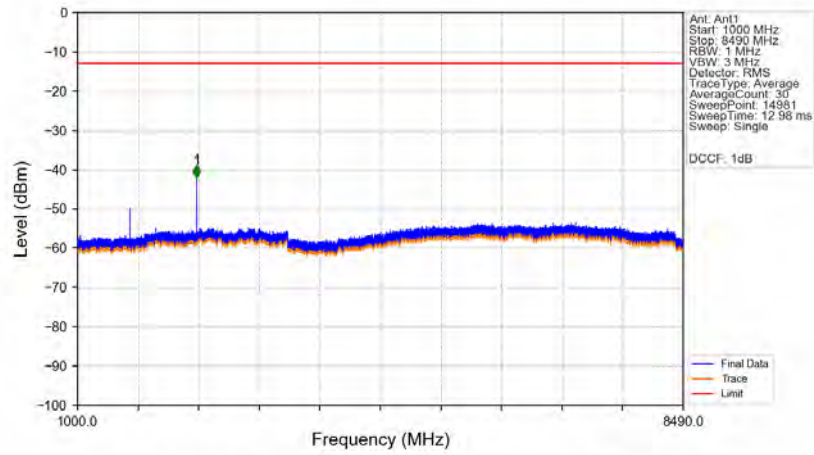
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	ChP	1	822.224	-45.26	-13	Pass
823	824	0.003	/	2	823.992	-31.77	-13	Pass
824	829	0.003	/	/	/	/	/	/

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_826.5MHz_Edge_1RB_Left_Ant1



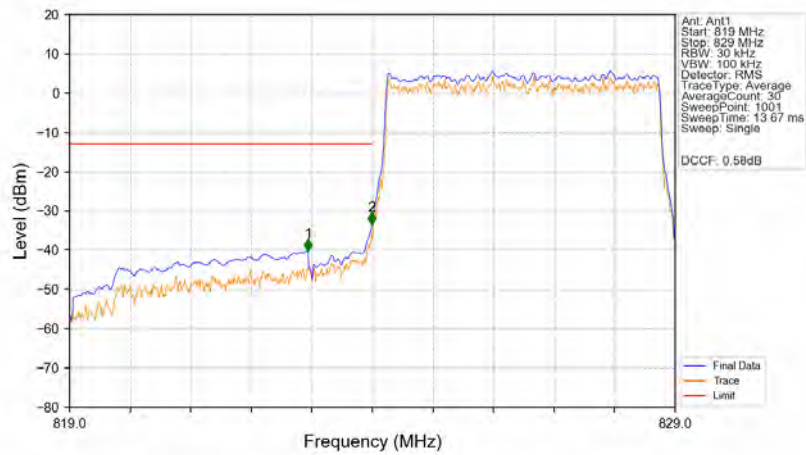
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.650	-59.42	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	923.100	-66.06	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK 826.5MHz_Edge_1RB_Left_Ant1



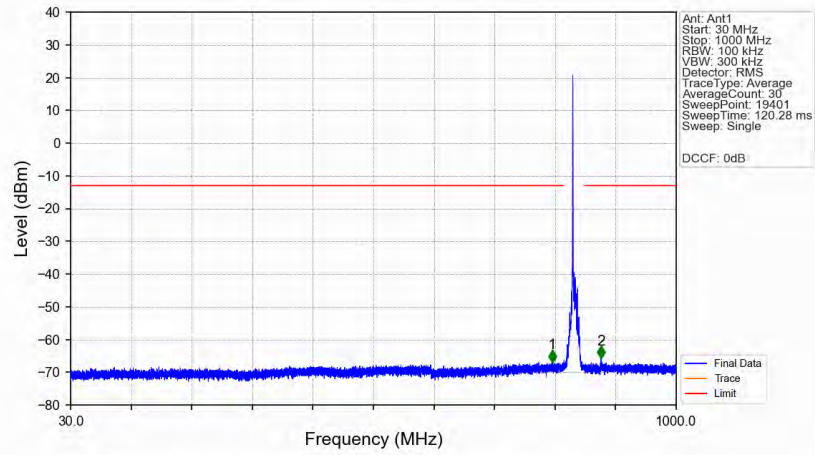
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	2473.500	-42.01	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK 826.5MHz_Outer_Full_Ant1



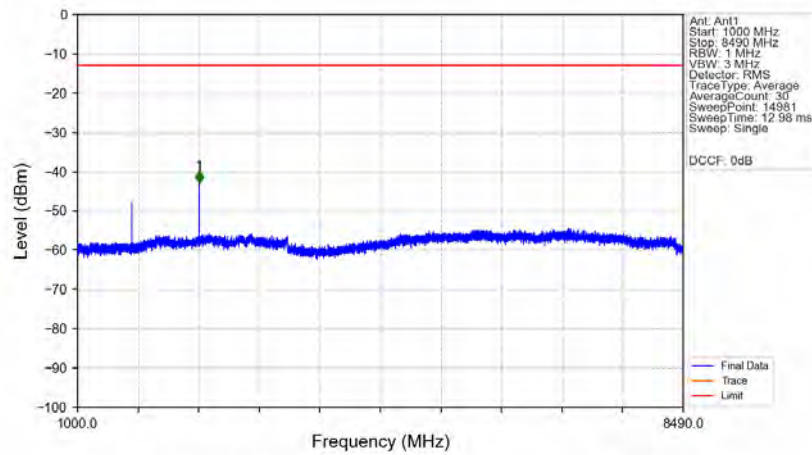
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.940	-40.25	-13	Pass
823	824	0.04971	CHP	2	823.990	-33.50	-13	Pass
824	829	0.04971	CHP	/	/	/	/	/

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant1



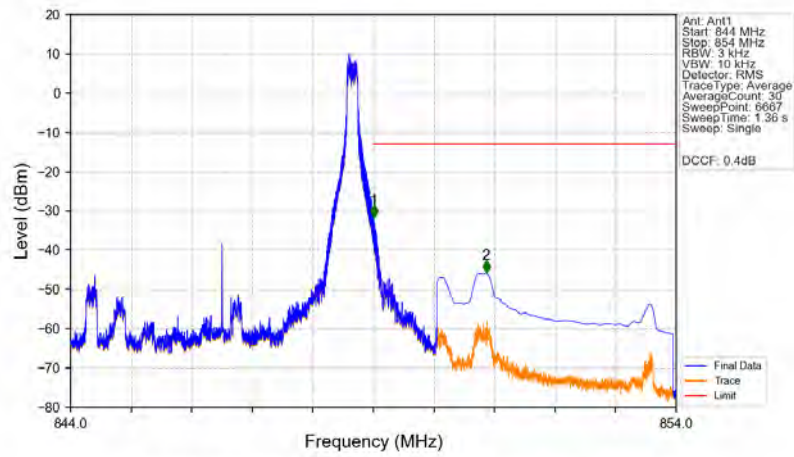
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	801.700	-66.93	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	879.450	-65.74	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant1



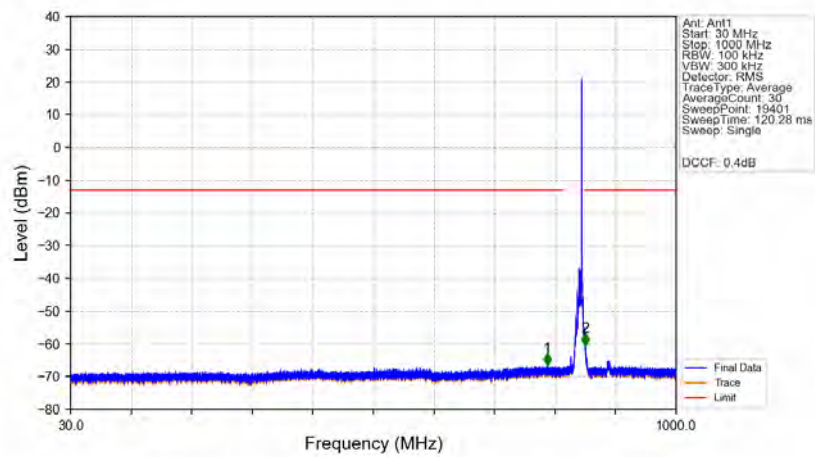
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	2503.500	-42.86	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_846.5MHz_Edge_1RB_Right_Ant1



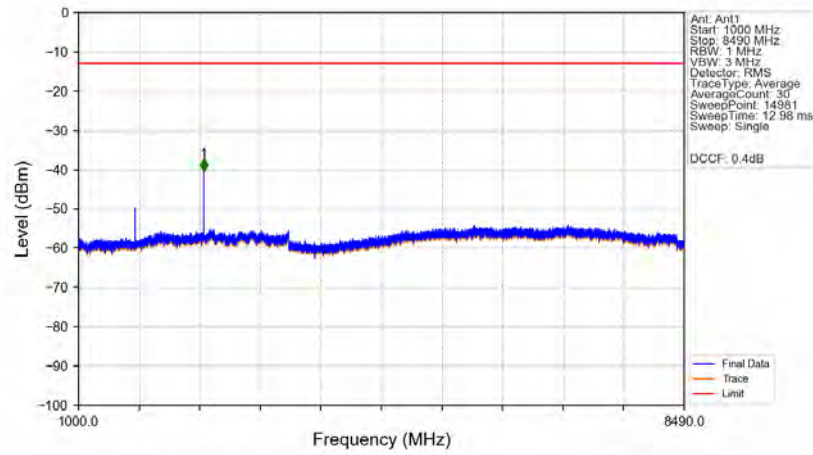
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.008	-31.65	-13	Pass
850	854	0.1	CHP	2	850.863	-45.78	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_846.5MHz_Edge_1RB_Right_Ant1



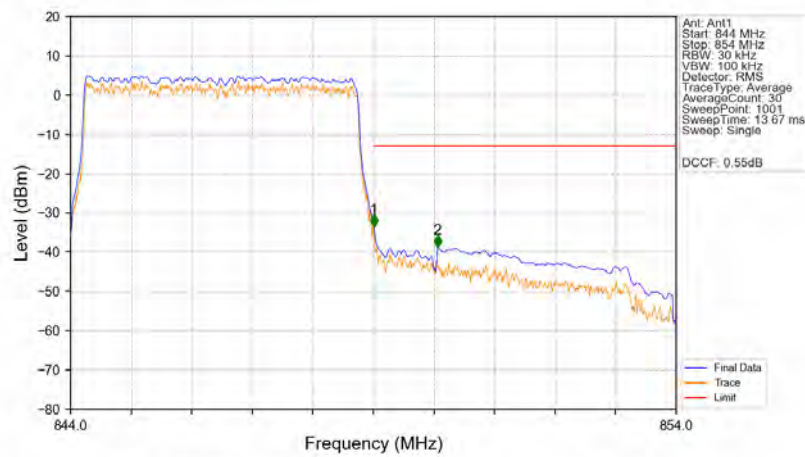
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	793.250	-66.59	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	854.350	-60.43	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_846.5MHz_Edge_1RB_Right_Ant1



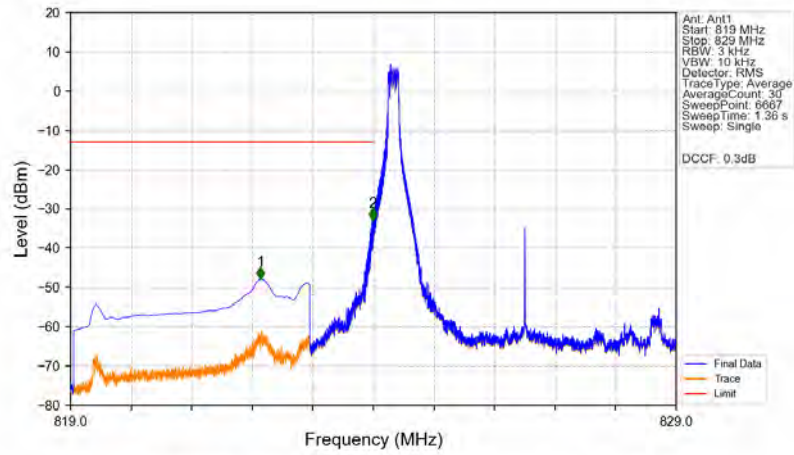
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	2546.500	-40.42	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_846.5MHz_Outer_Full_Ant1



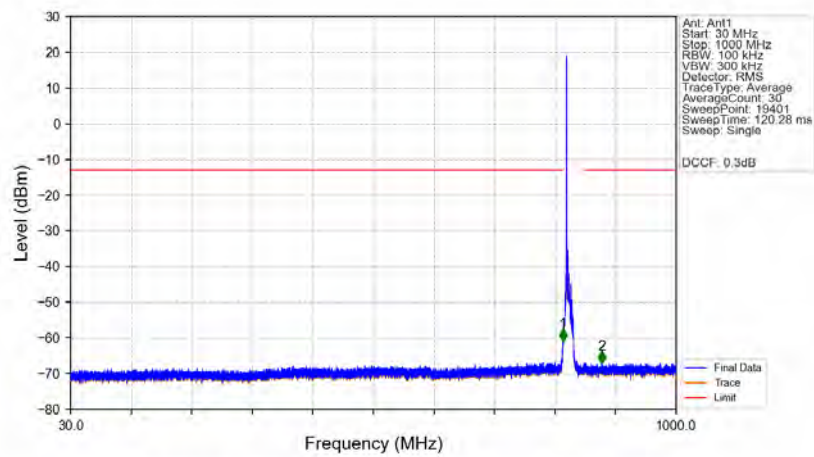
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.05034	CHP	/	/	/	/	/
849	850	0.05034	CHP	1	849.010	-33.55	-13	Pass
850	854	0.1	CHP	2	850.060	-38.82	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_826.5MHz_Edge_1RB_Left_Ant1



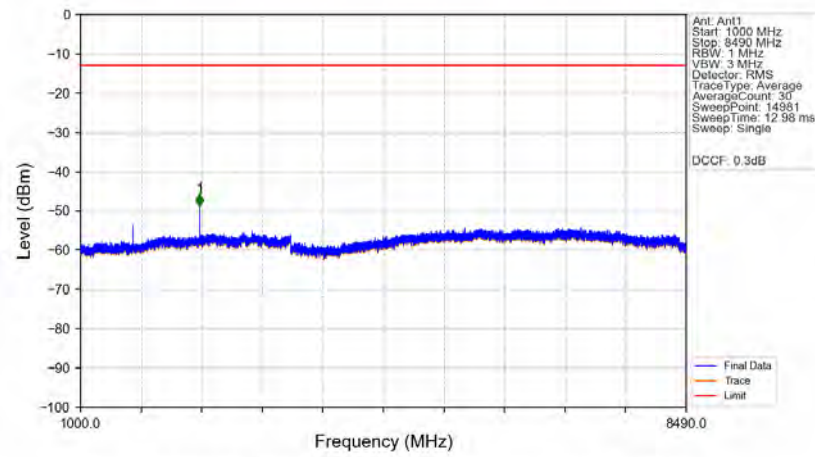
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.137	-47.89	-13	Pass
823	824	0.003	/	2	823.992	-32.94	-13	Pass
824	829	0.003	/	/	/	/	/	/

n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_826.5MHz_Edge_1RB_Left_Ant1



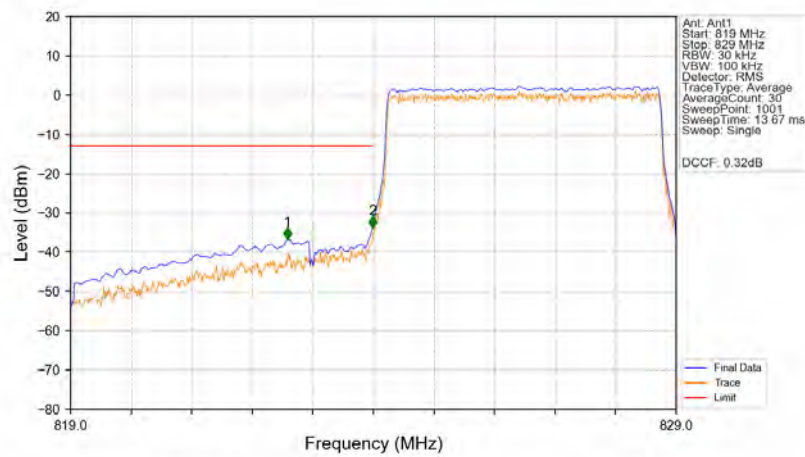
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.900	-60.92	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	880.700	-67.08	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK 826.5MHz_Edge_1RB_Left_Ant1



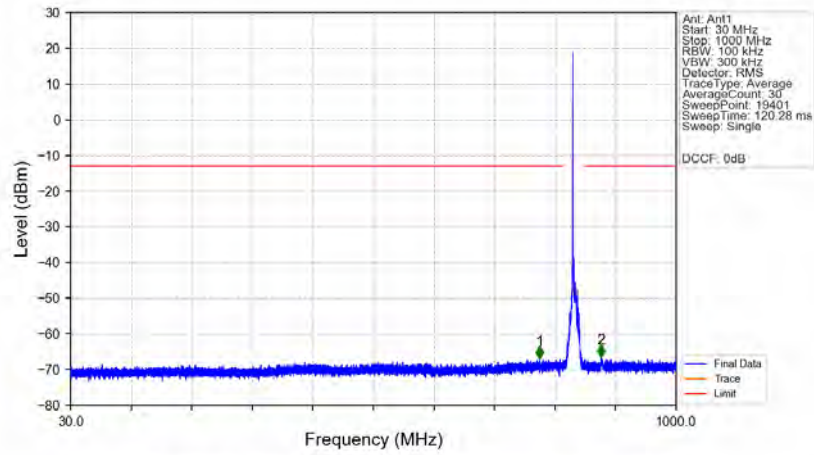
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	2473.500	-48.68	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK 826.5MHz_Outer_Full_Ant1



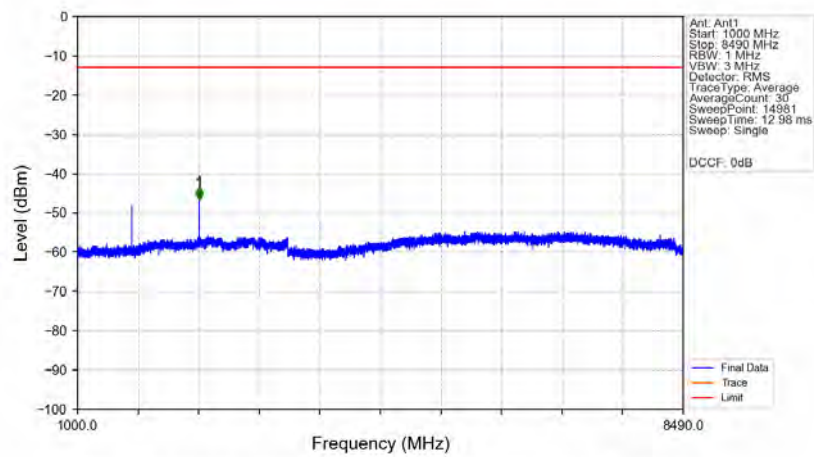
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.580	-36.76	-13	Pass
823	824	0.04993	CHP	2	823.990	-33.84	-13	Pass
824	829	0.04993	CHP	/	/	/	/	/

n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant1



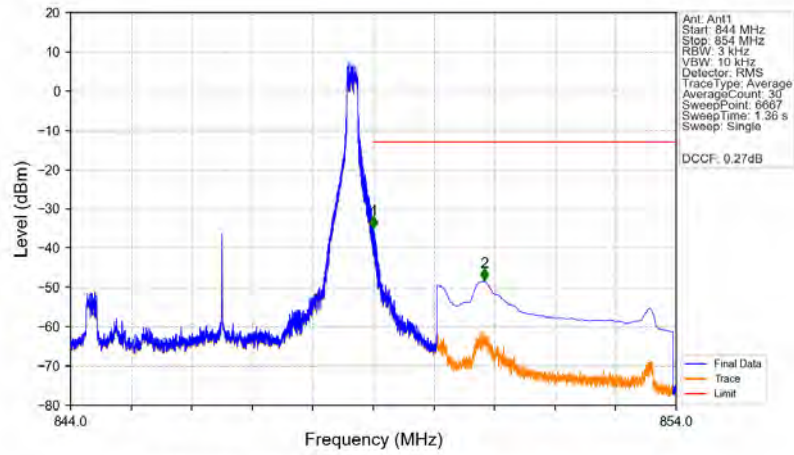
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	781.500	-66.91	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	879.400	-66.51	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant1



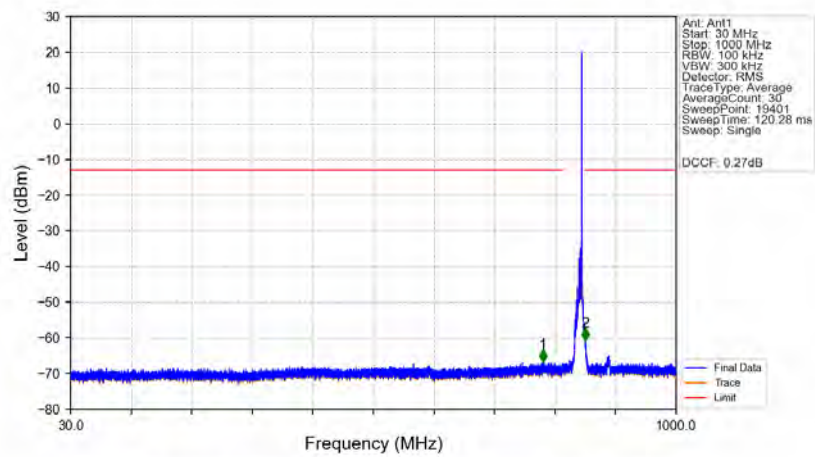
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	2503.500	-46.62	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_846.5MHz_Edge_1RB_Right_Ant1



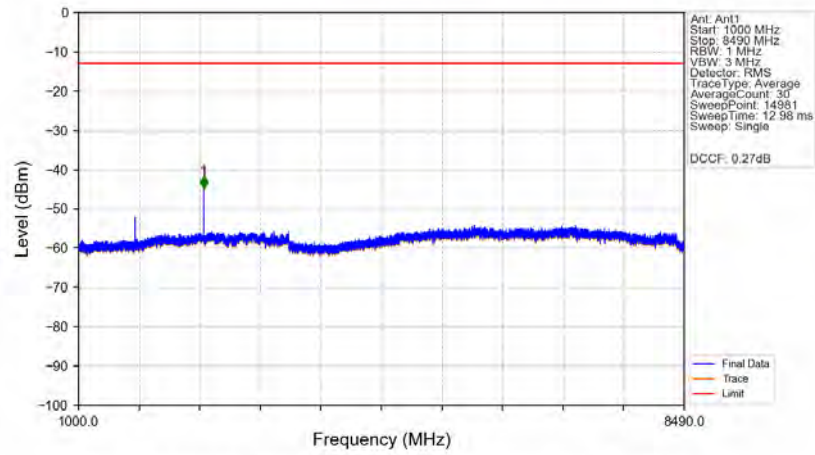
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.005	-34.93	-13	Pass
850	854	0.1	CHP	2	850.833	-48.31	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_846.5MHz_Edge_1RB_Right_Ant1



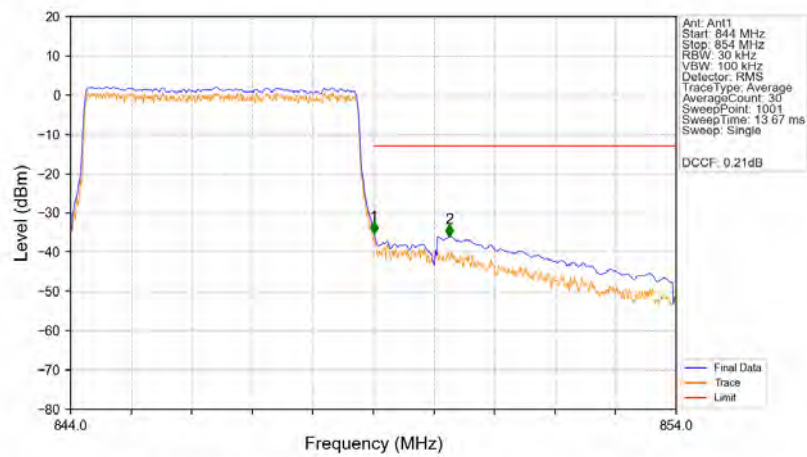
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	786.450	-66.62	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	854.100	-60.74	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_846.5MHz_Edge_1RB_Right_Ant1



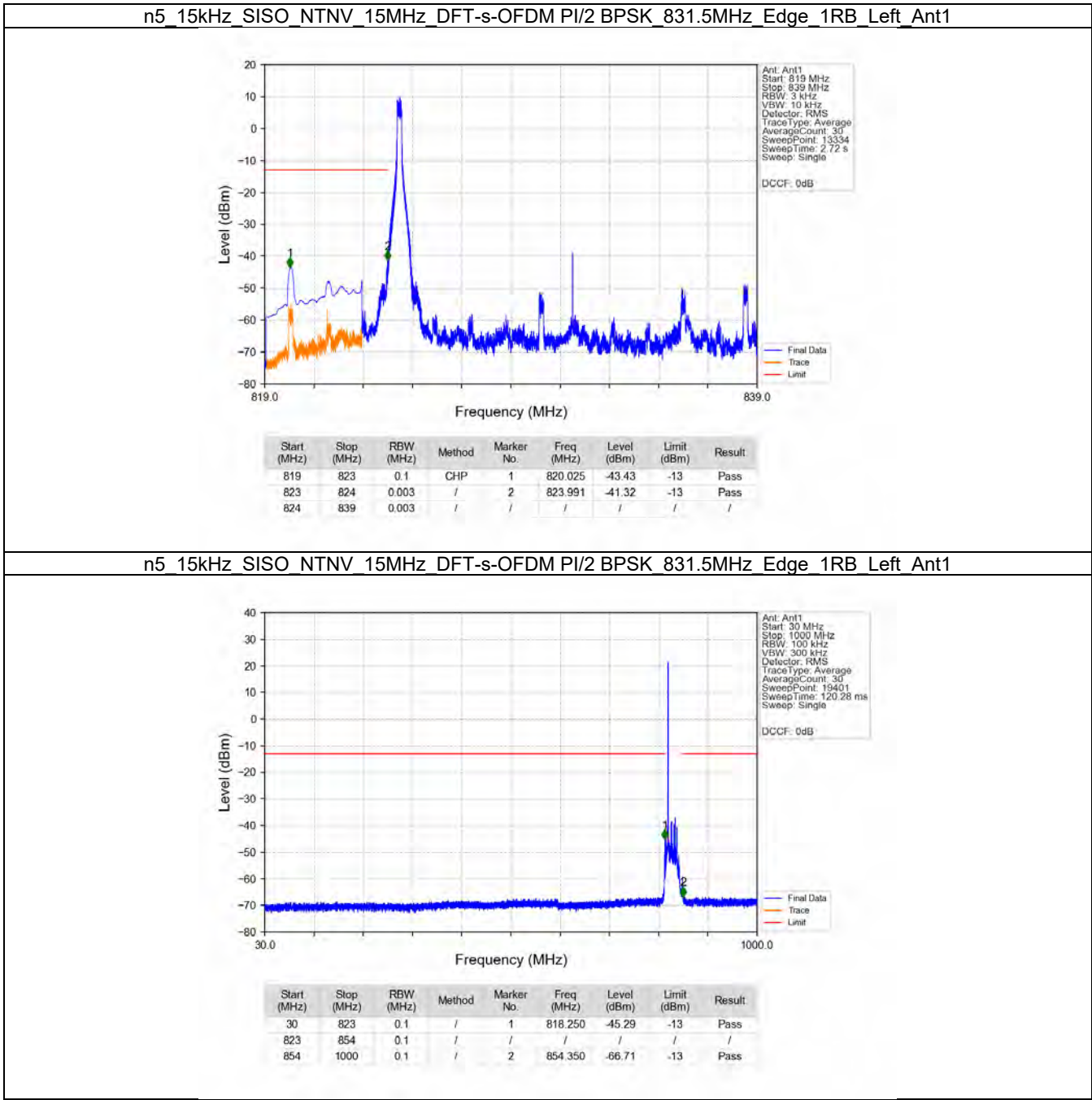
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	2546.500	-44.77	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_846.5MHz_Outer_Full_Ant1

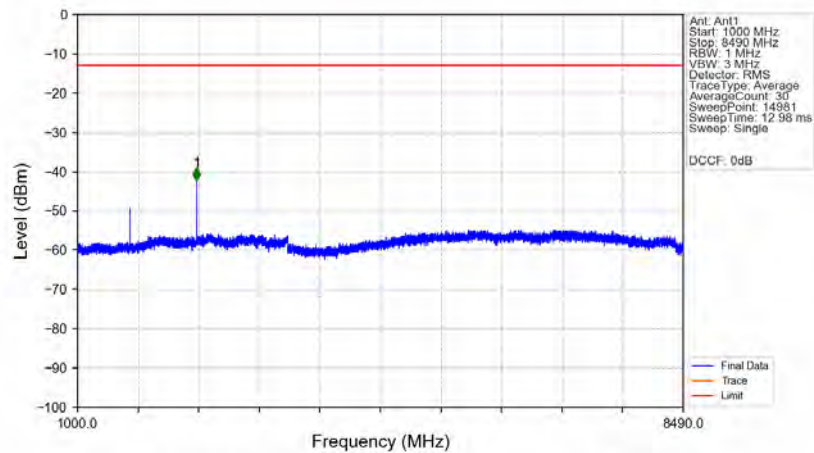


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.04967	CHP	/	/	/	/	/
849	850	0.04967	CHP	1	849.010	-35.31	-13	Pass
850	854	0.1	CHP	2	850.250	-35.98	-13	Pass

5.2.2 15k_SISO_15MHz_NTNV

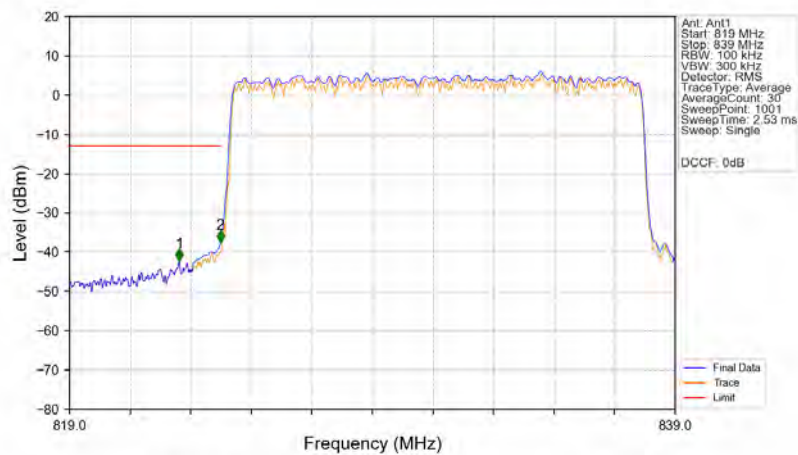


n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_831.5MHz_Edge_1RB_Left_Ant1



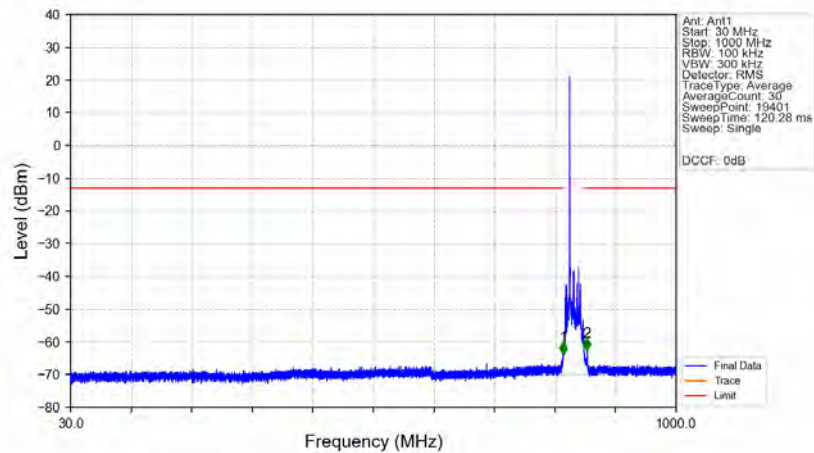
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	2474.000	-42.16	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_831.5MHz_Outer_Full_Ant1



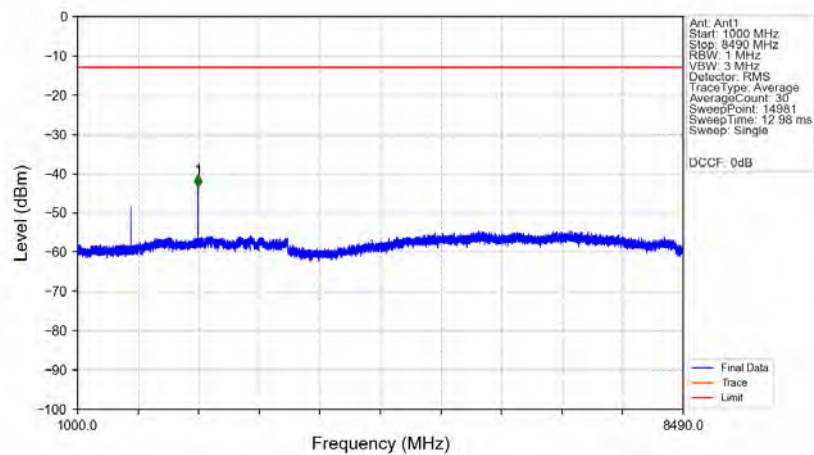
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	/	1	822.620	-42.31	-13	Pass
823	824	0.15235	CHP	2	823.980	-37.52	-13	Pass
824	839	0.15235	CHP	/	/	/	/	/

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_836.5MHz_Edge_1RB_Left_Ant1



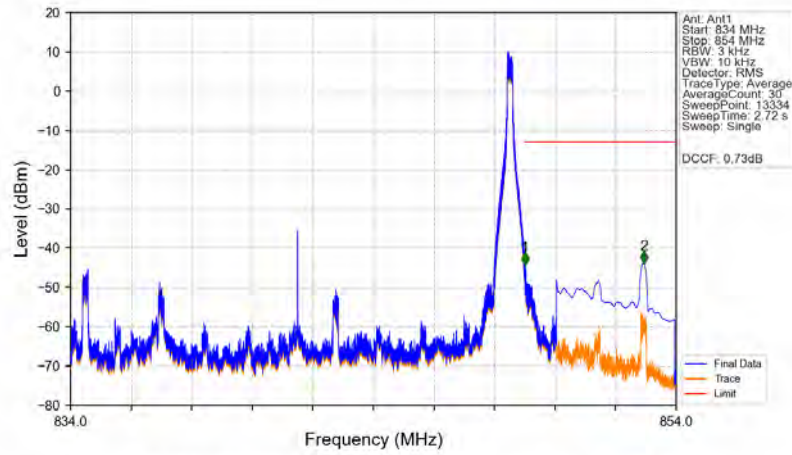
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.950	-63.77	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	857.200	-62.61	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_836.5MHz_Edge_1RB_Left_Ant1



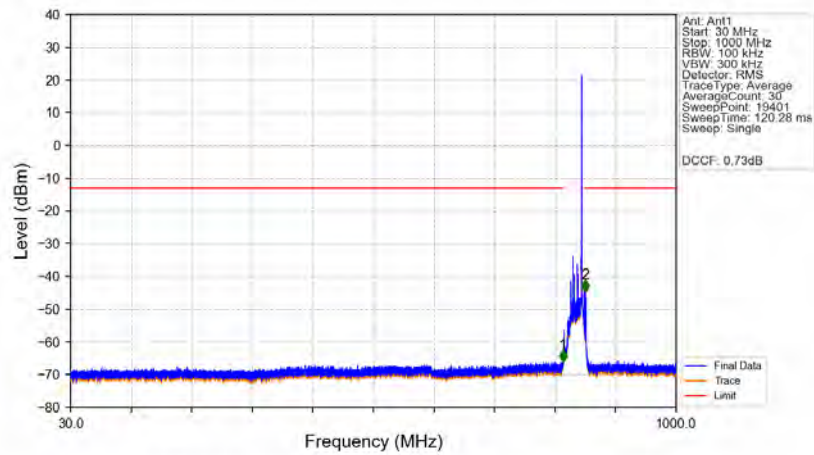
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	2489.000	-43.56	-13	Pass

n5_15kHz_SISO_NTV_15MHz_DFT-s-OFDM_PI/2_BPSK_841.5MHz_Edge_1RB_Right_Ant1



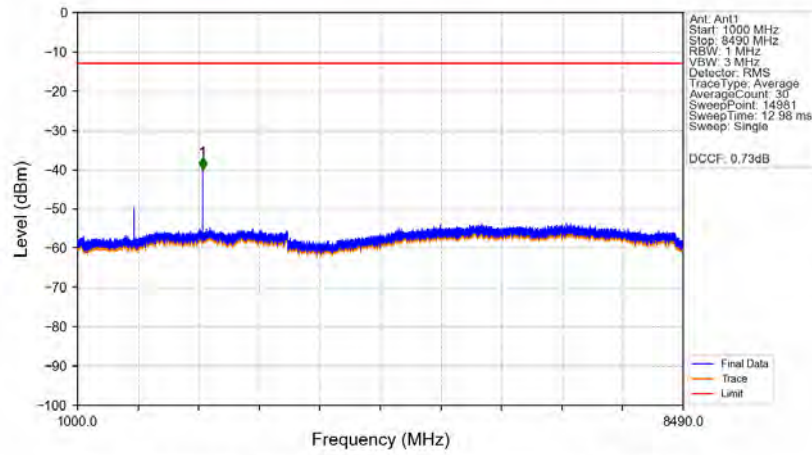
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.009	-44.29	-13	Pass
850	854	0.1	CHP	2	852.936	-43.82	-13	Pass

n5_15kHz_SISO_NTV_15MHz_DFT-s-OFDM_PI/2_BPSK_841.5MHz_Edge_1RB_Right_Ant1



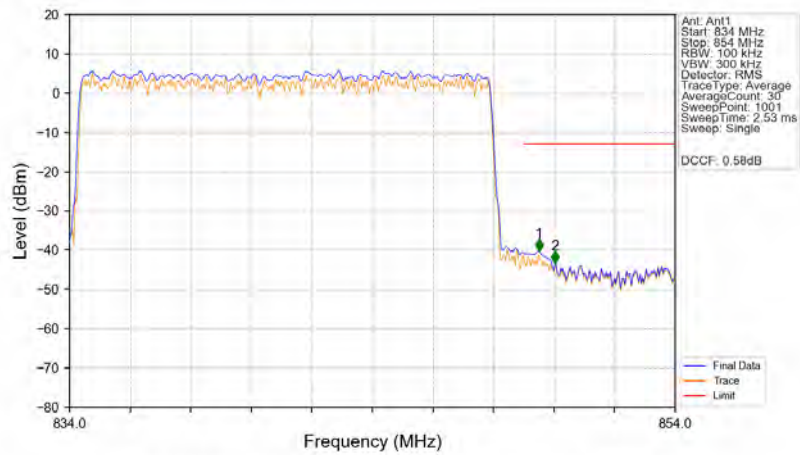
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.800	-66.09	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	854.750	-44.81	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_841.5MHz_Edge_1RB_Right_Ant1



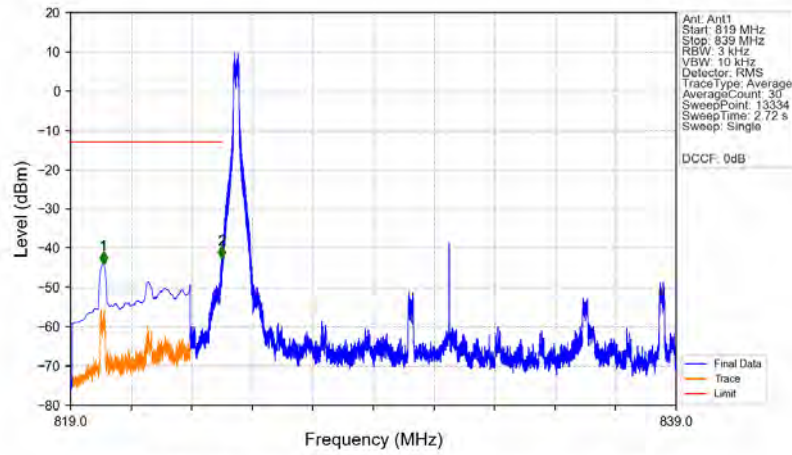
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	2546.000	-40.03	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_841.5MHz_Outer_Full_Ant1



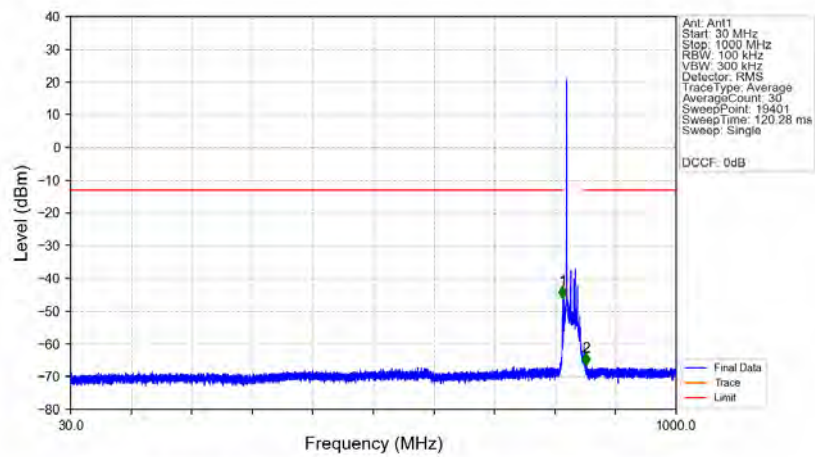
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.1529	CHP	/	/	/	/	/
849	850	0.1529	CHP	1	849.500	-40.30	-13	Pass
850	854	0.1	/	2	850.040	-43.29	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_831.5MHz_Edge_1RB_Left_Ant1



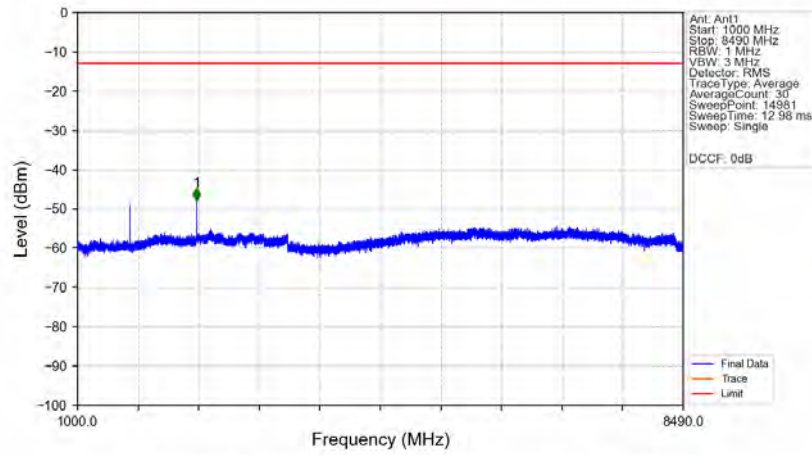
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	ChP	1	820.082	-43.97	-13	Pass
823	824	0.003	/	2	823.991	-42.58	-13	Pass
824	839	0.003	/	/	/	/	/	/

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_831.5MHz_Edge_1RB_Left_Ant1



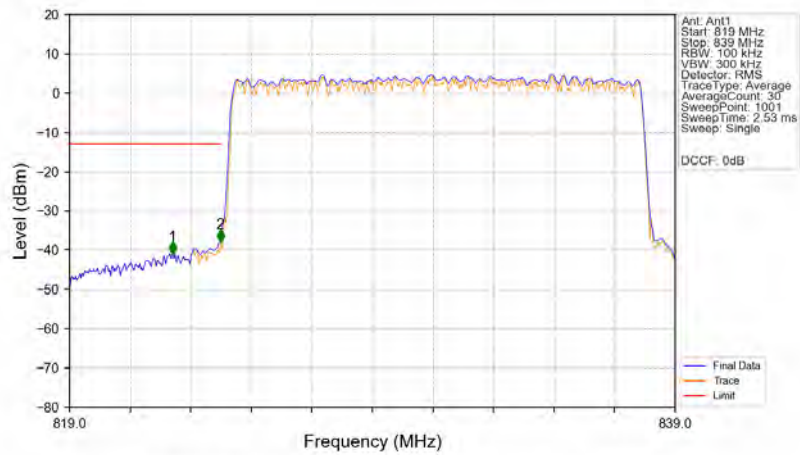
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.250	-46.14	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	855.600	-66.65	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_831.5MHz_Edge_1RB_Left_Ant1



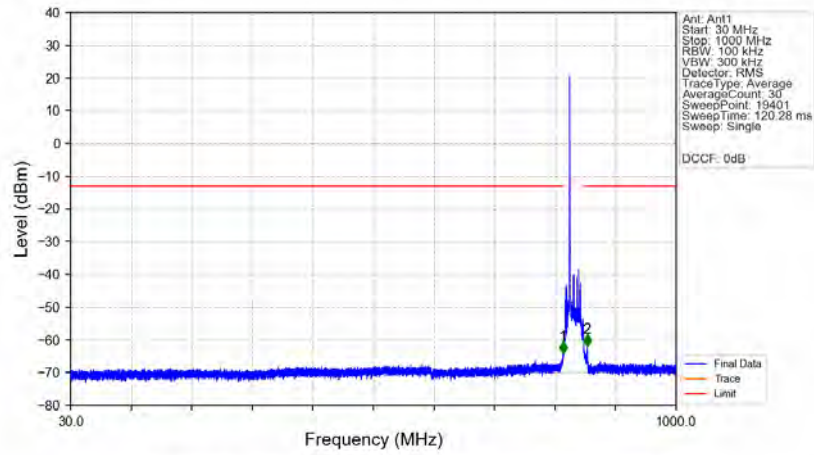
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	2474.000	-47.79	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_831.5MHz_Outer_Full_Ant1



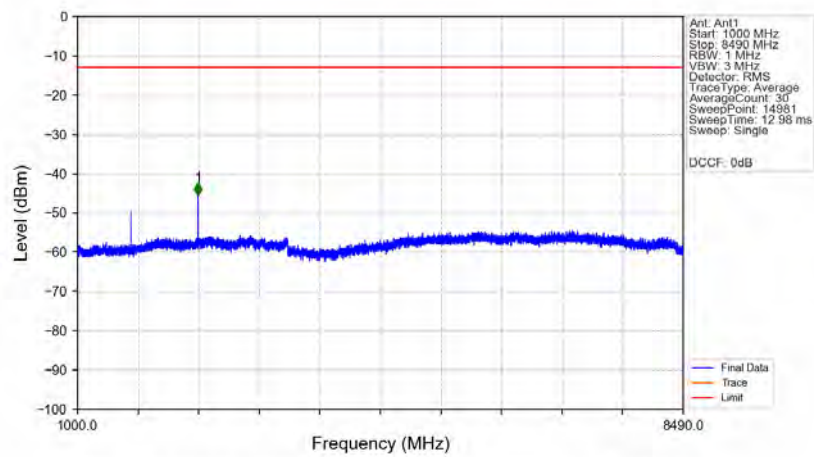
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	/	1	822.400	-40.94	-13	Pass
823	824	0.14551	CHP	2	823.980	-37.93	-13	Pass
824	839	0.14551	CHP	/	/	/	/	/

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant1



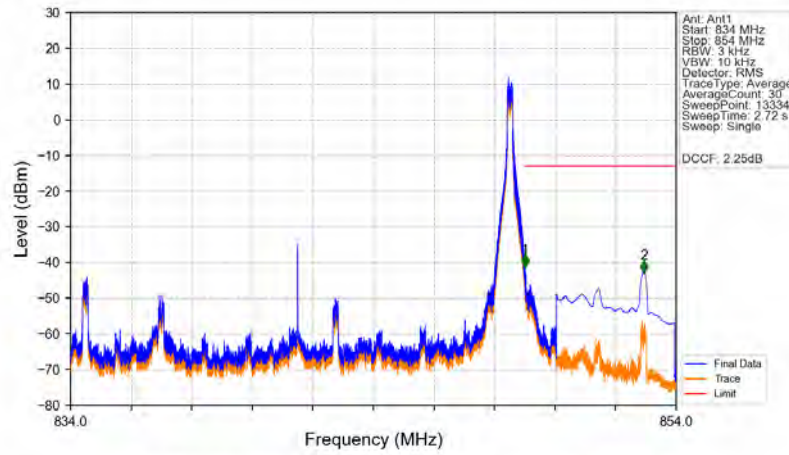
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.800	-64.16	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	857.450	-61.94	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant1



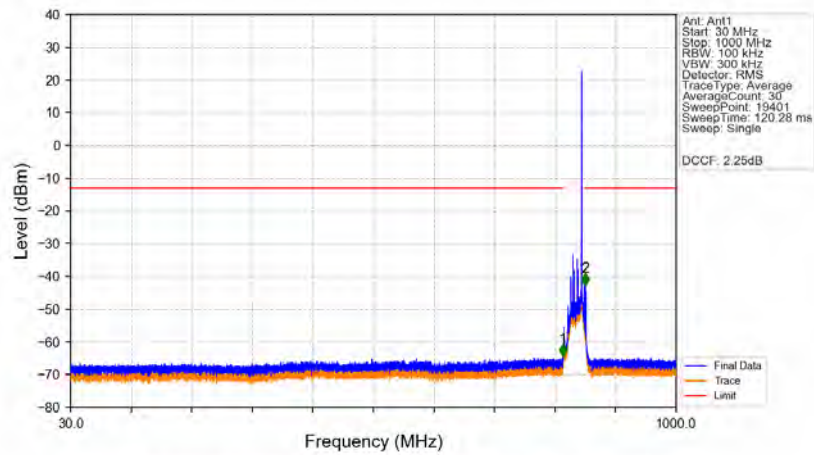
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	2489.000	-45.45	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_841.5MHz_Edge_1RB_Right_Ant1



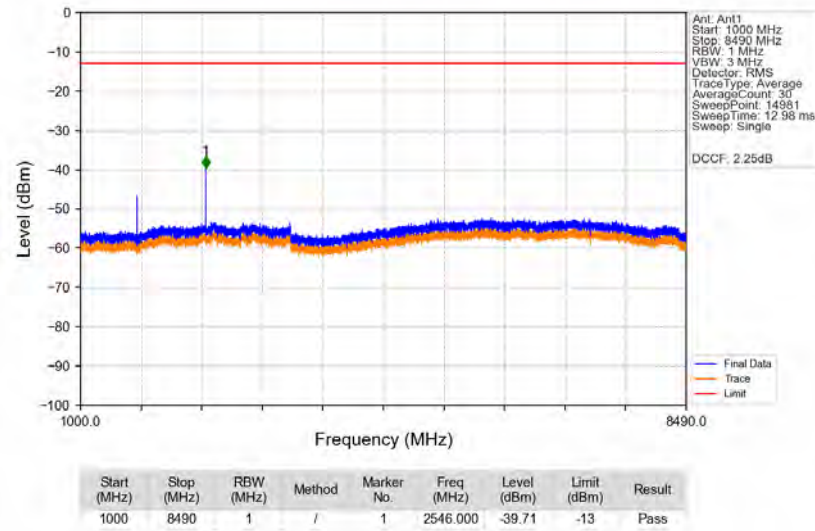
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.005	-41.36	-13	Pass
850	854	0.1	CHP	2	852.938	-42.81	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_841.5MHz_Edge_1RB_Right_Ant1

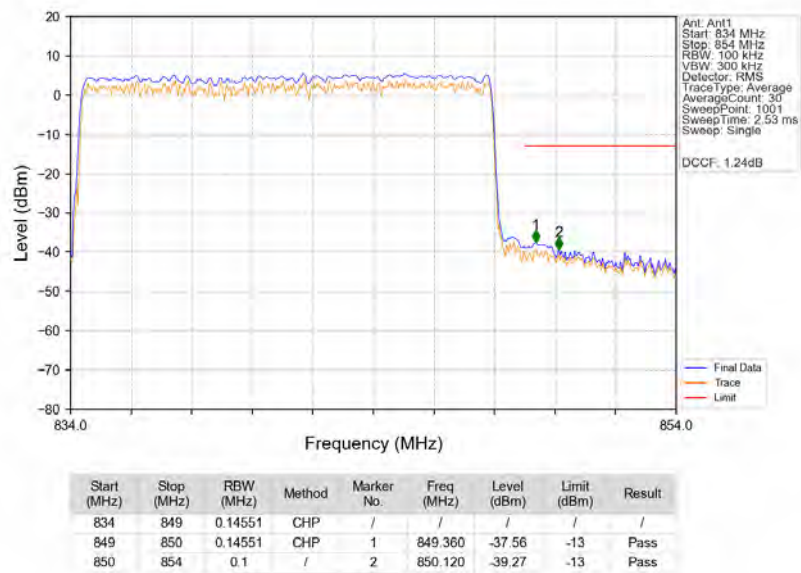


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.450	-64.34	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	854.750	-42.76	-13	Pass

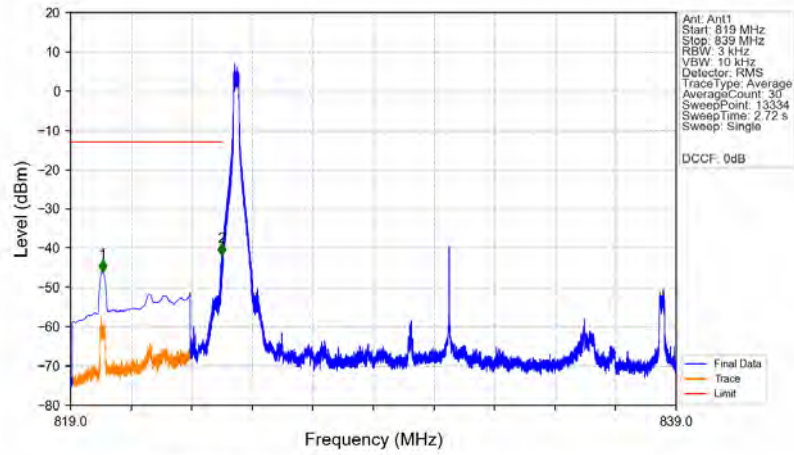
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK 841.5MHz_Edge_1RB_Right_Ant1



n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK 841.5MHz_Outer_Full_Ant1

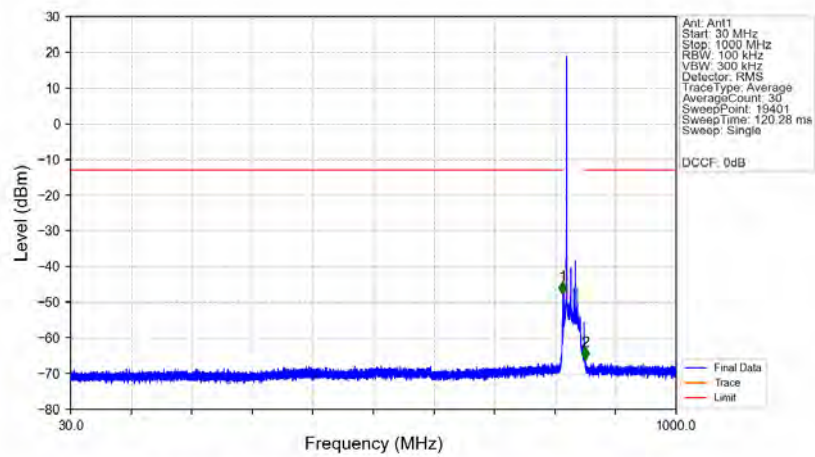


n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_831.5MHz_Edge_1RB_Left_Ant1



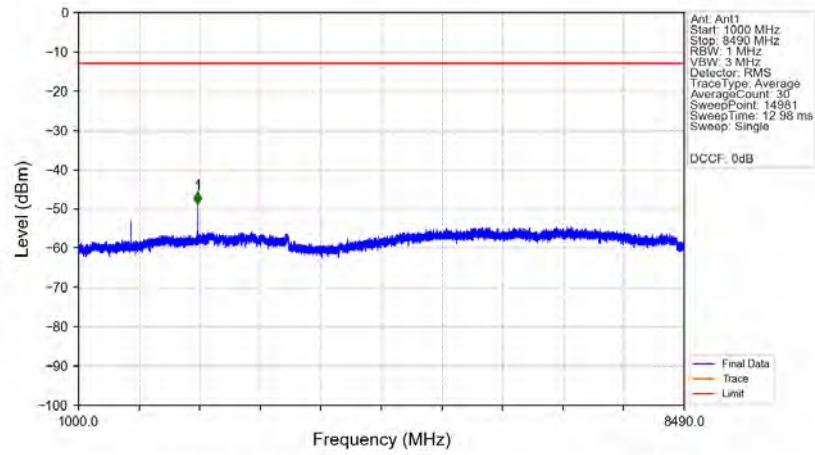
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	820.056	-46.08	-13	Pass
823	824	0.003	/	2	823.992	-41.86	-13	Pass
824	839	0.003	/	/	/	/	/	/

n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_831.5MHz_Edge_1RB_Left_Ant1



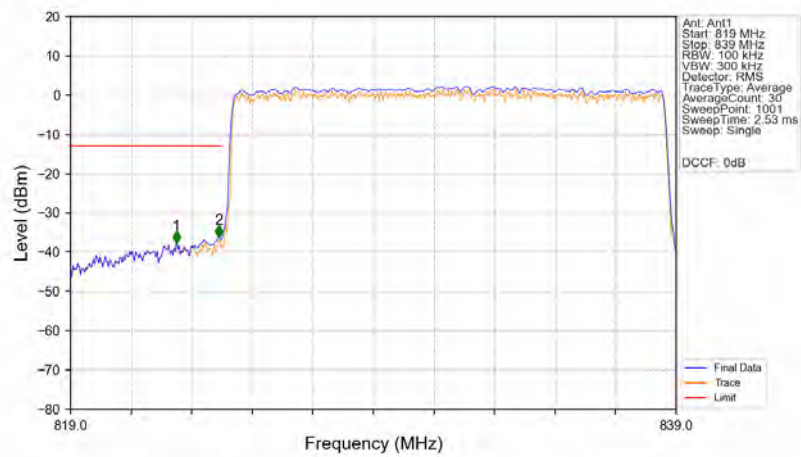
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.250	-47.67	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	854.300	-66.15	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_831.5MHz_Edge_1RB_Left_Ant1



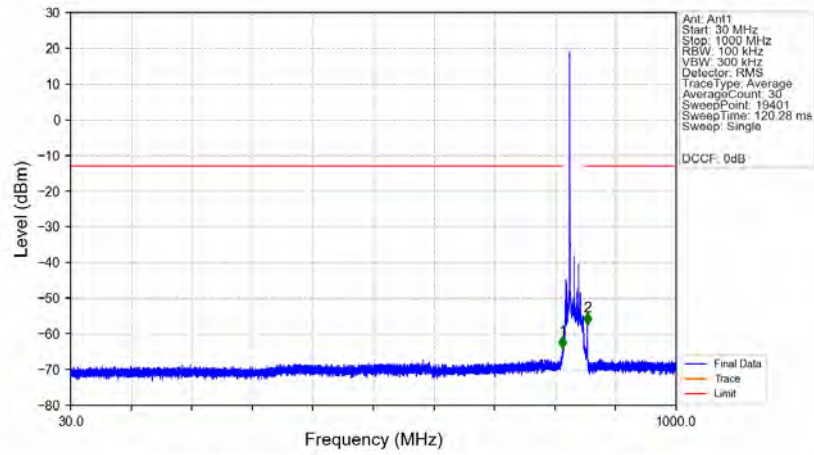
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	2474.000	-48.67	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_831.5MHz_Outer_Full Ant1



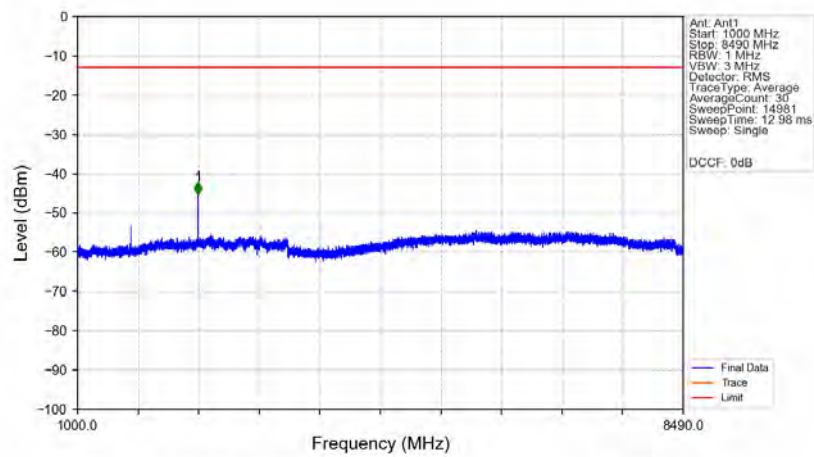
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	/	1	822.500	-37.65	-13	Pass
823	824	0.15255	CHP	2	823.900	-36.28	-13	Pass
824	839	0.15255	CHP	/	/	/	/	/

n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant1



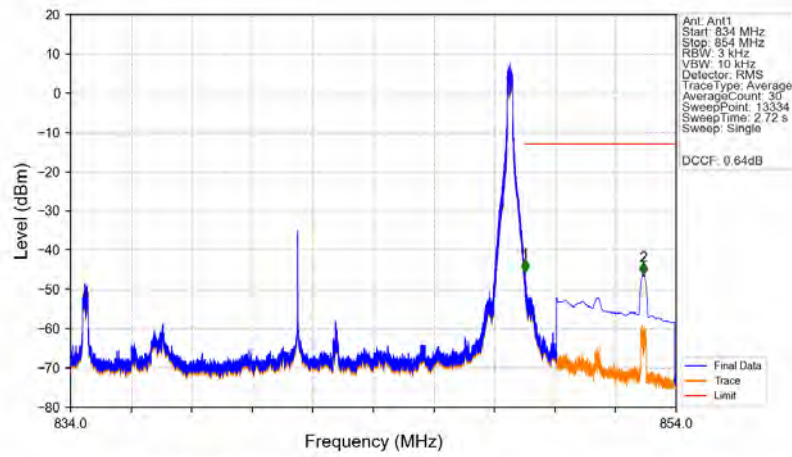
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.100	-64.18	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	857.550	-57.52	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant1



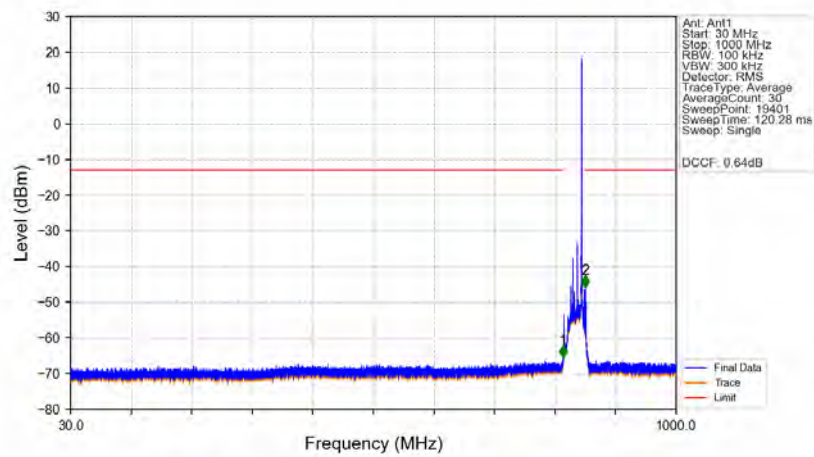
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	2489.000	-45.23	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_841.5MHz_Edge_1RB_Right_Ant1



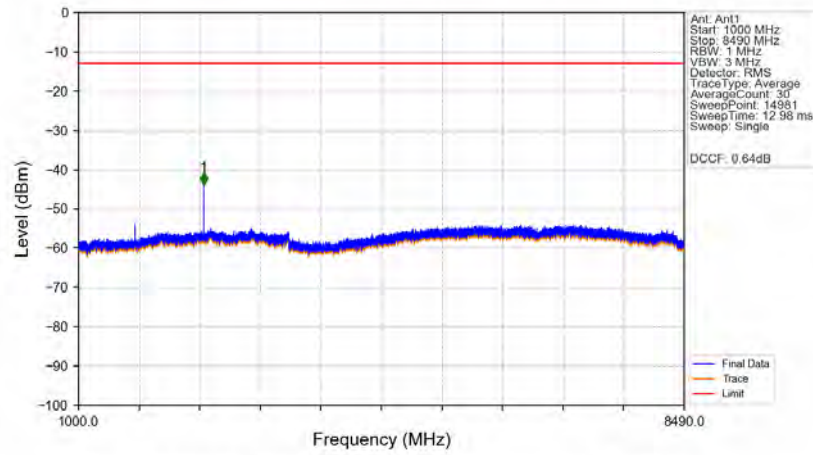
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.008	-45.59	-13	Pass
850	854	0.1	CHP	2	852.914	-46.31	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_841.5MHz_Edge_1RB_Right_Ant1

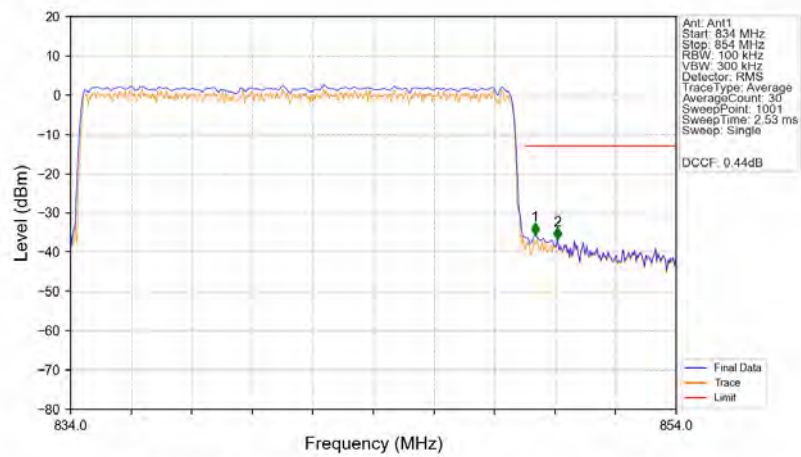


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.550	-65.58	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	854.750	-45.95	-13	Pass

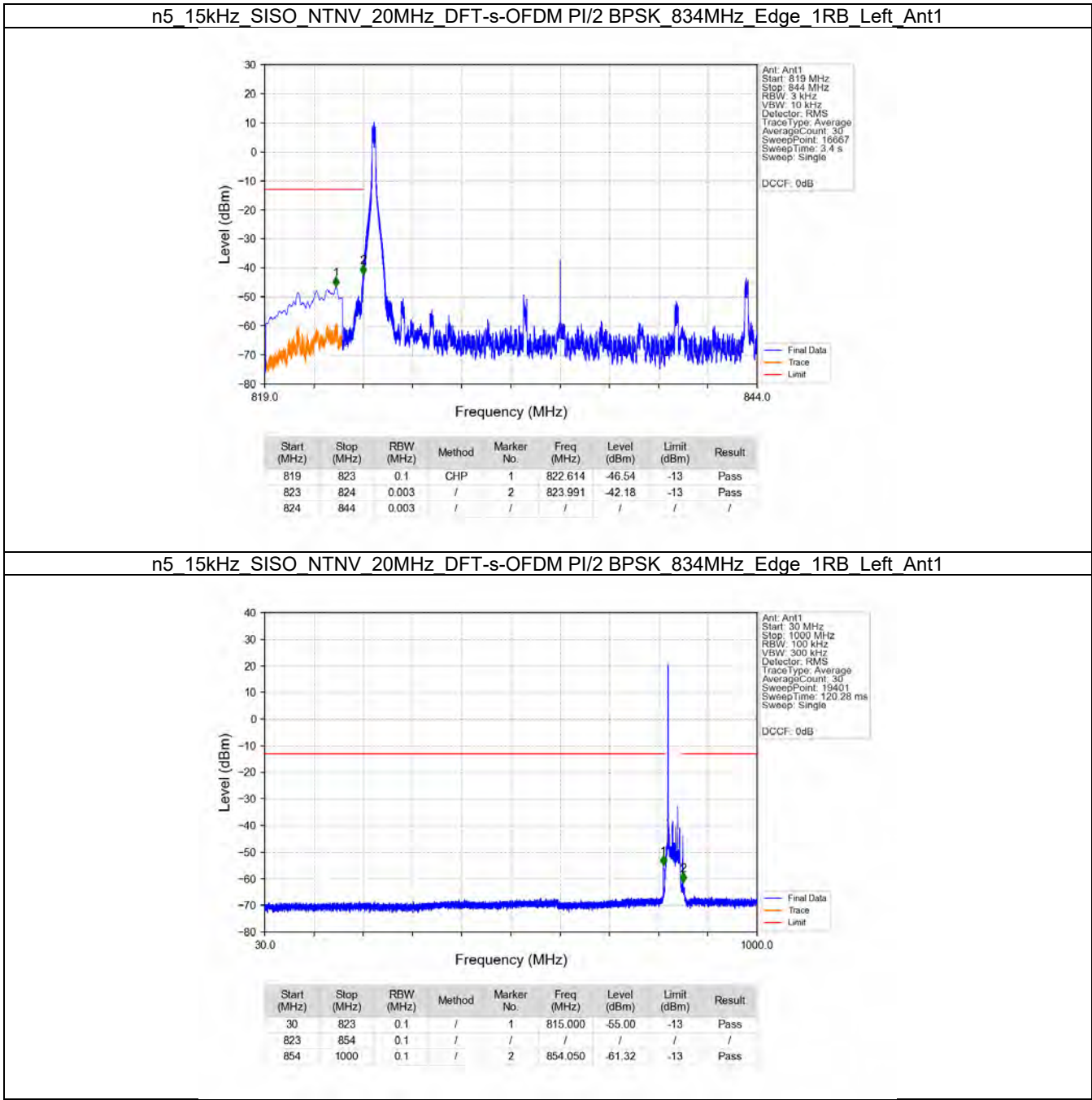
n5_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_841.5MHz_Edge_1RB_Right_Ant1



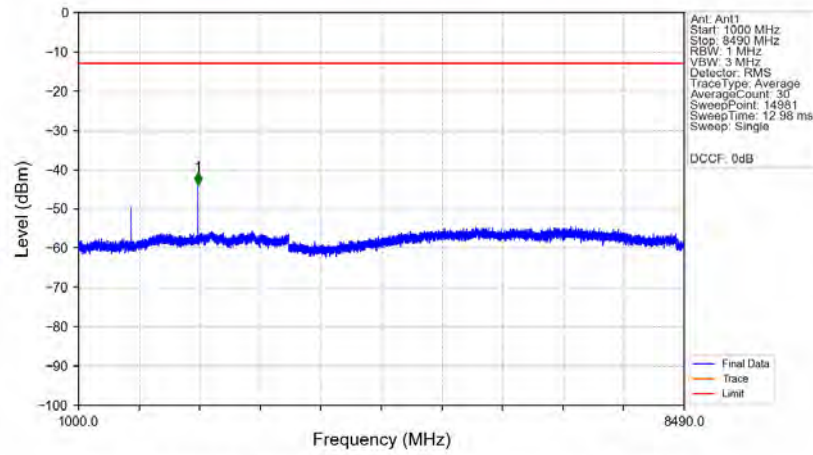
n5_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_841.5MHz_Outer_Full Ant1



5.2.3 15k_SISO_20MHz_NTNV

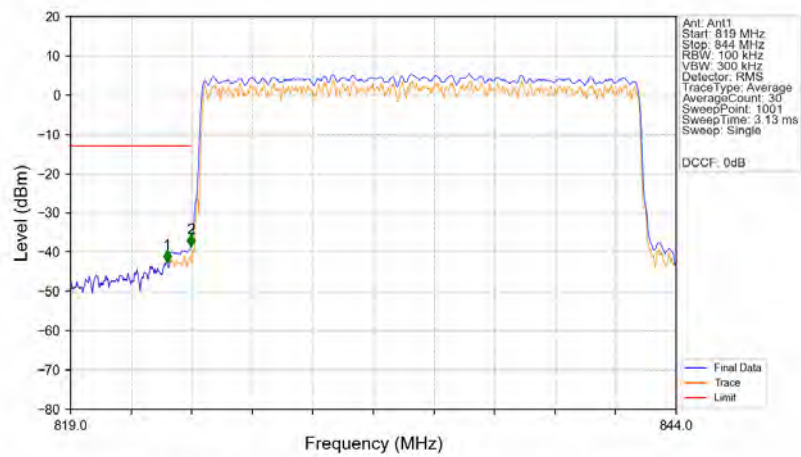


n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_834MHz_Edge_1RB_Left_Ant1



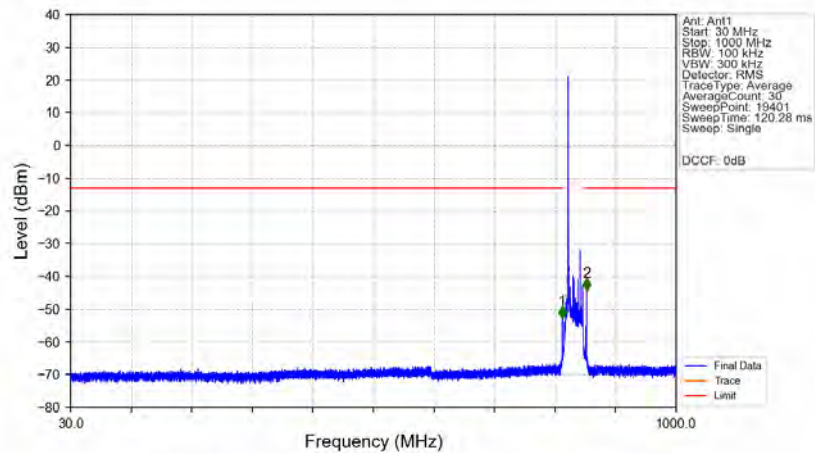
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	2474.500	-43.78	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_834MHz_Outer_Full_Ant1



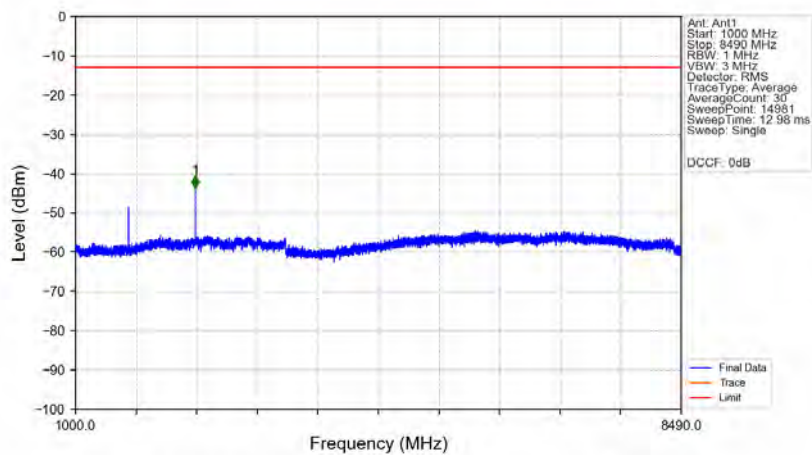
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	/	1	822.975	-42.64	-13	Pass
823	824	0.19382	CHP	2	823.975	-38.62	-13	Pass
824	844	0.19382	CHP	/	/	/	/	/

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_836.5MHz_Edge_1RB_Left_Ant1



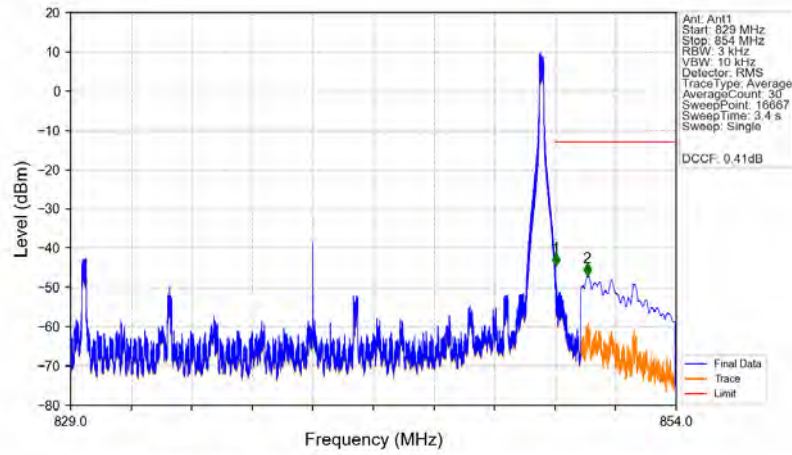
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	817.550	-52.77	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	856.350	-44.21	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_836.5MHz_Edge_1RB_Left_Ant1



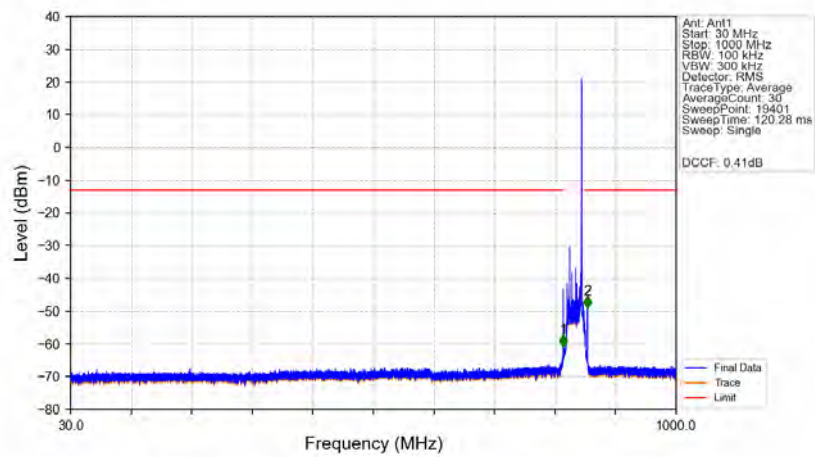
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	2482.000	-43.64	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_839MHz_Edge_1RB_Right_Ant1



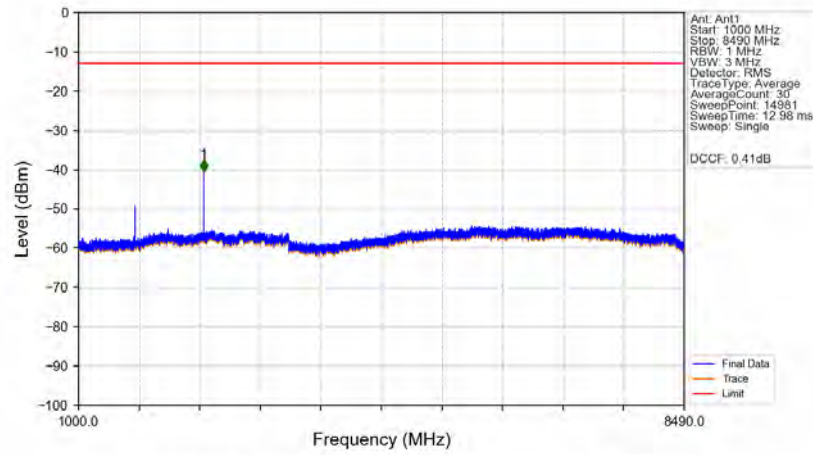
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
829	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.023	-44.42	-13	Pass
850	854	0.1	CHP	2	850.325	-46.99	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_839MHz_Edge_1RB_Right_Ant1

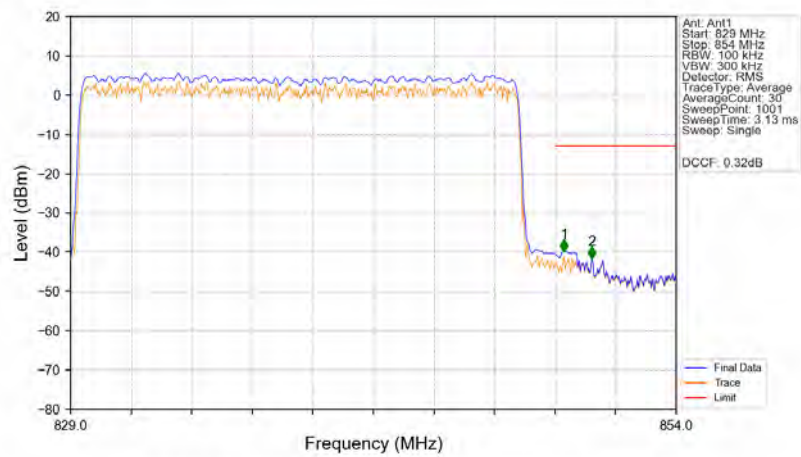


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.950	-61.00	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	857.850	-49.14	-13	Pass

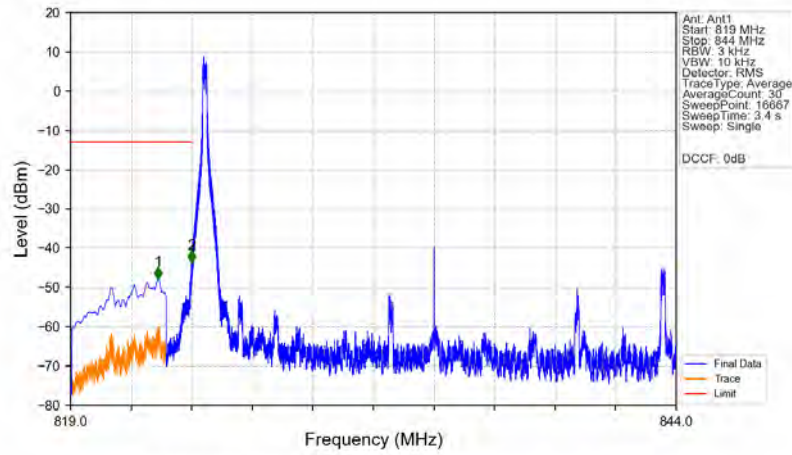
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_839MHz_Edge_Right_Ant1



n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_839MHz_Outer_Full_Ant1

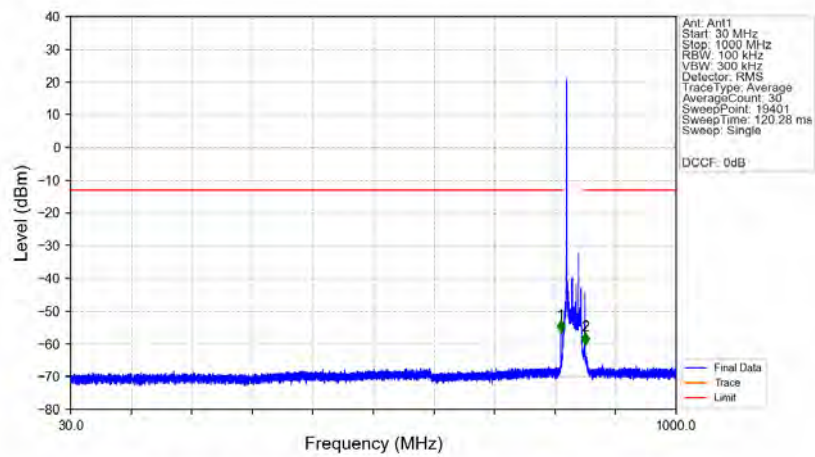


n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_834MHz_Edge_1RB_Left_Ant1



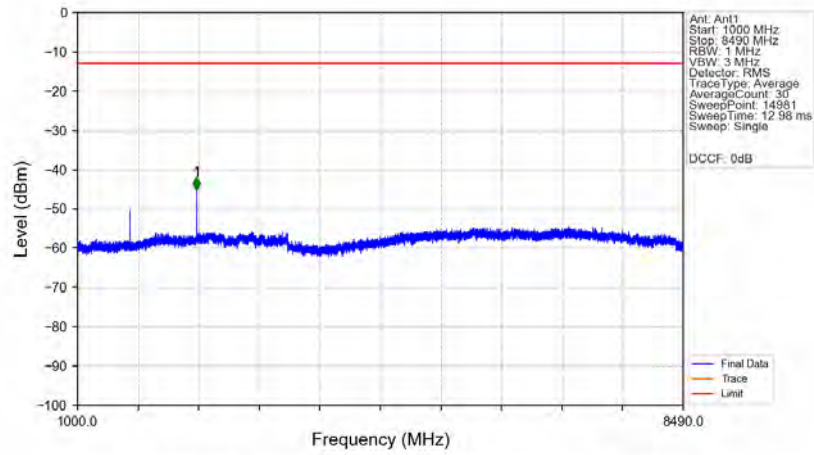
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.615	-47.84	-13	Pass
823	824	0.003	/	2	823.992	-43.72	-13	Pass
824	844	0.003	/	/	/	/	/	/

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_834MHz_Edge_1RB_Left_Ant1



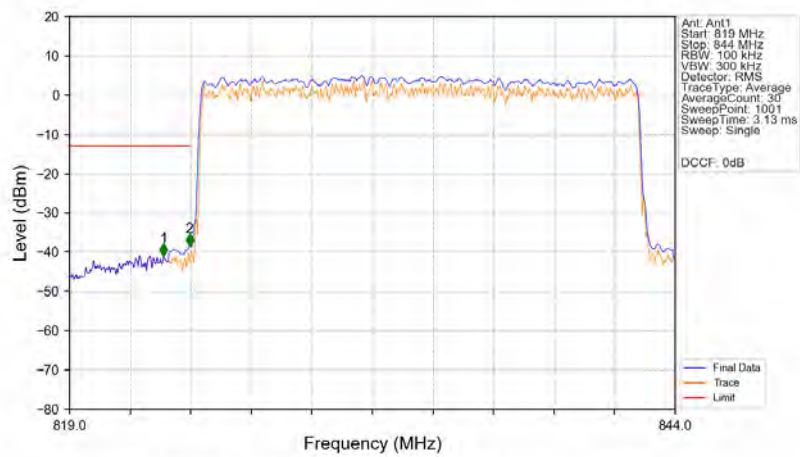
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	815.050	-56.47	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	854.050	-60.15	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_834MHz_Edge_1RB_Left_Ant1



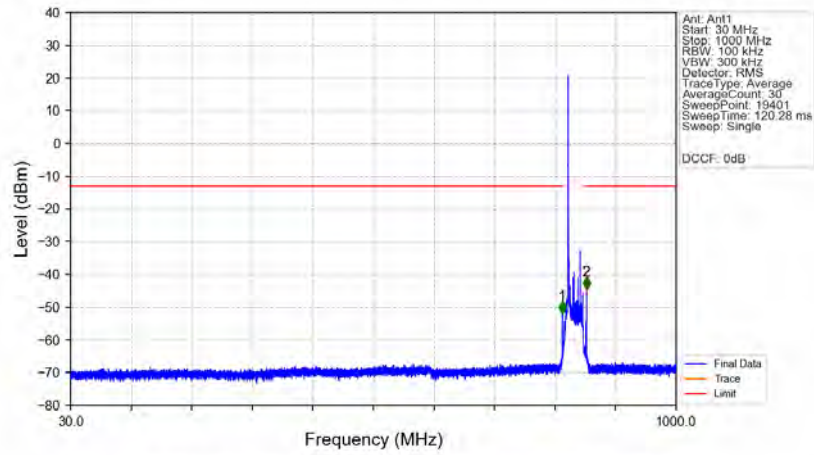
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	2474.000	-45.07	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_834MHz_Outer_Full_Ant1



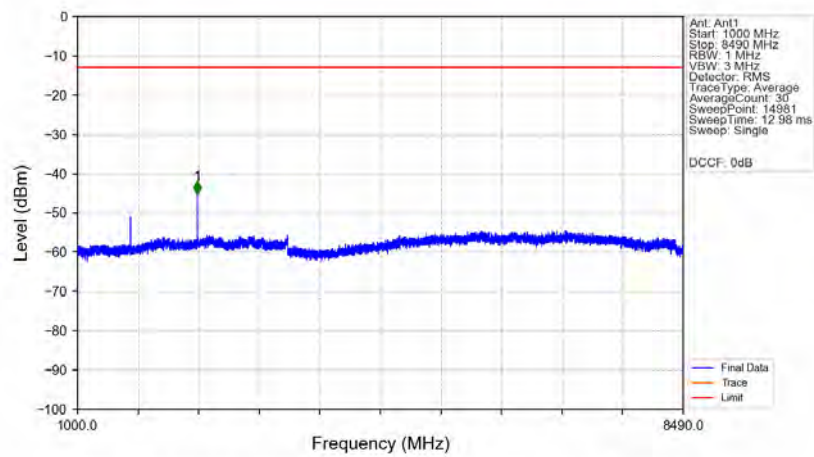
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	/	1	822.875	-40.88	-13	Pass
823	824	0.1943	CHP	2	823.950	-38.36	-13	Pass
824	844	0.1943	CHP	/	/	/	/	/

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant1



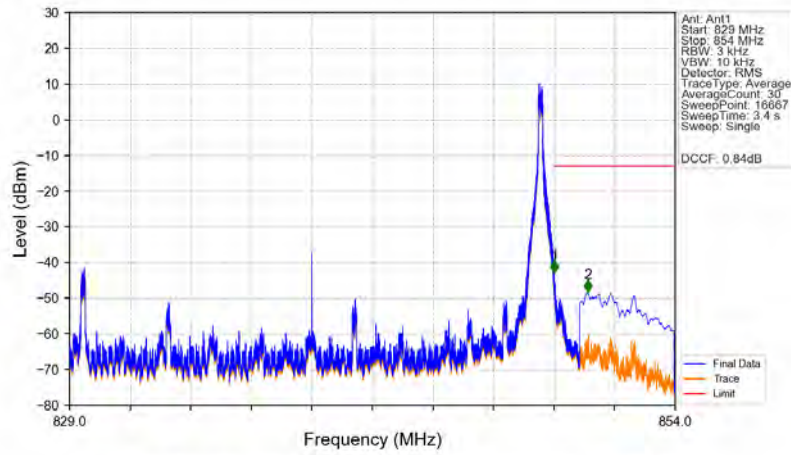
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	817.650	-51.91	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	856.300	-44.55	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant1



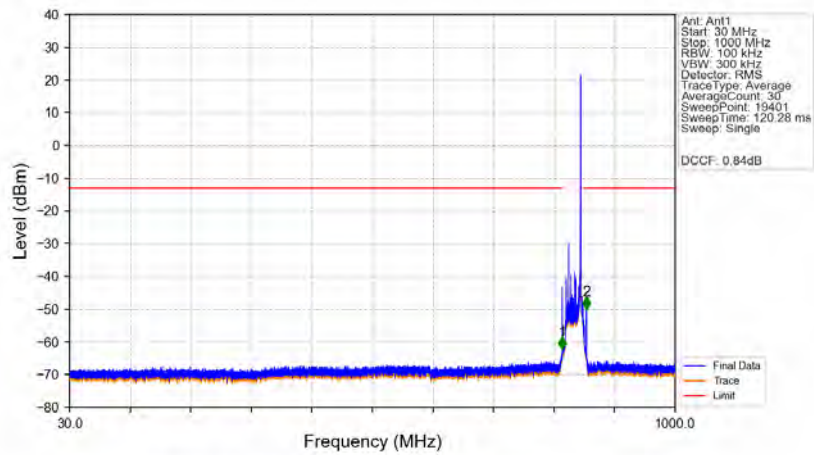
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	2481.500	-45.10	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_839MHz_Edge_1RB_Right_Ant1



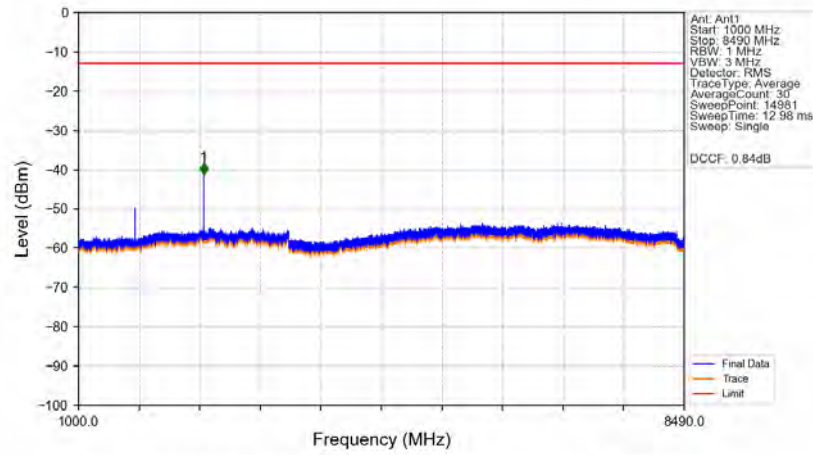
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
829	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.009	-42.84	-13	Pass
850	854	0.1	CHP	2	850.400	-48.35	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_839MHz_Edge_1RB_Right_Ant1

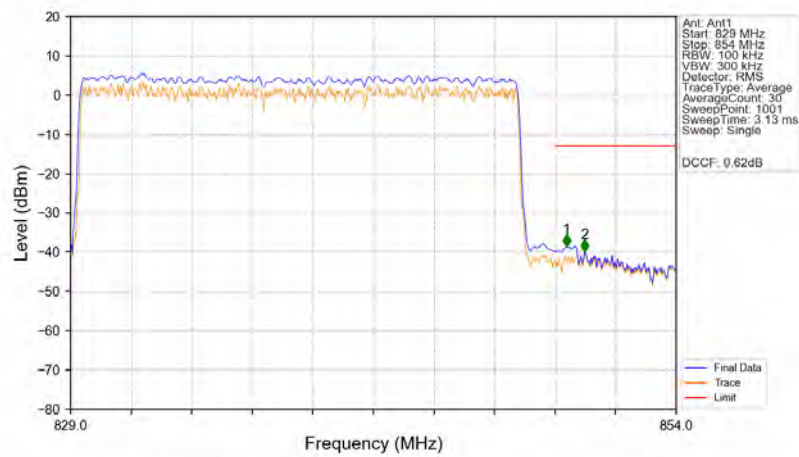


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.950	-62.18	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	857.900	-50.09	-13	Pass

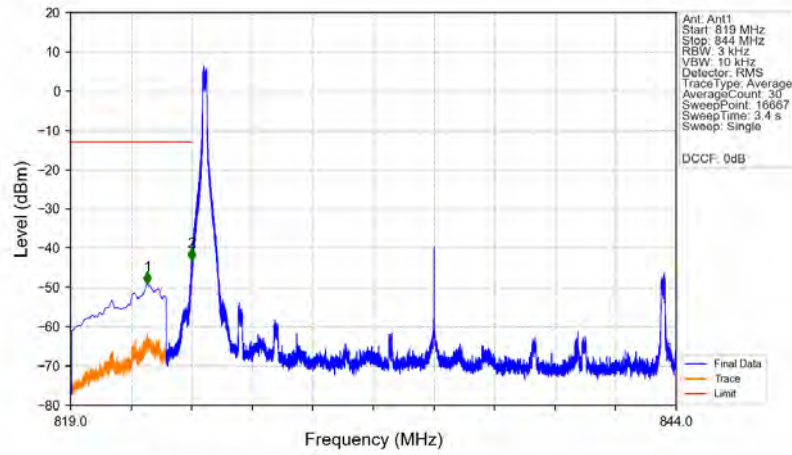
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_839MHz_Edge_1RB_Right_Ant1



n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_839MHz_Outer_Full_Ant1

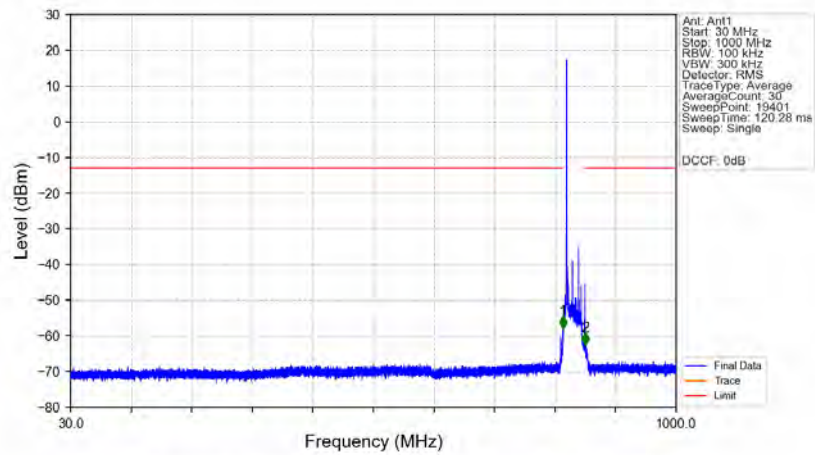


n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_834MHz_Edge_1RB_Left_Ant1



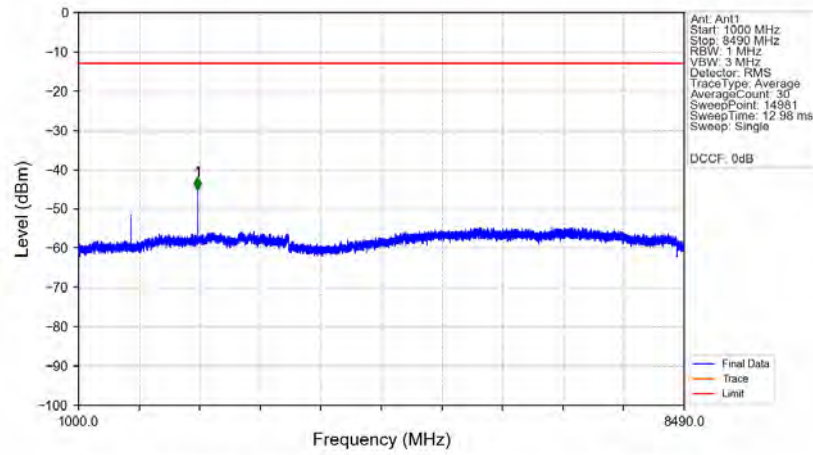
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.165	-49.20	-13	Pass
823	824	0.003	/	2	823.992	-43.12	-13	Pass
824	844	0.003	/	/	/	/	/	/

n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_834MHz_Edge_1RB_Left_Ant1

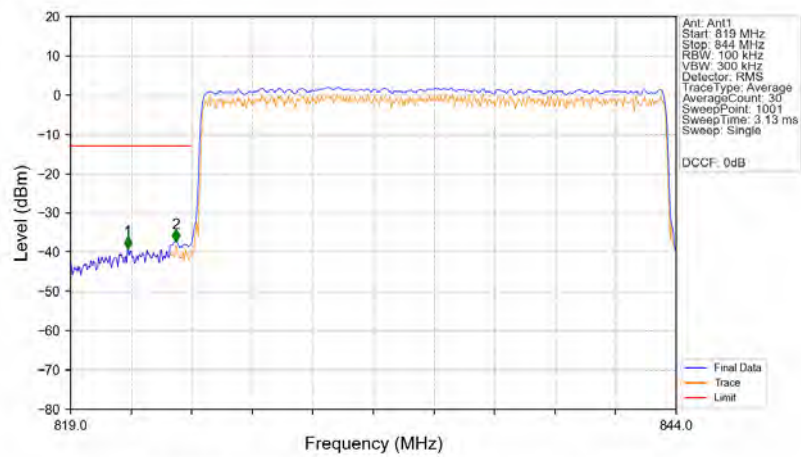


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.600	-57.83	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	854.050	-62.49	-13	Pass

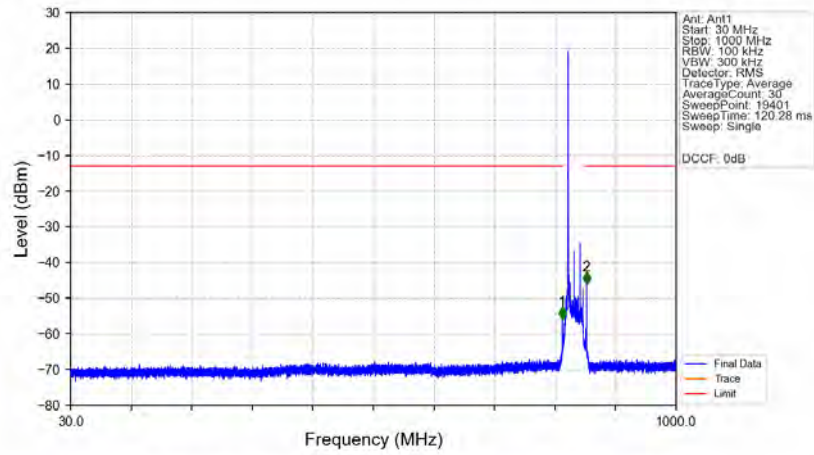
n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_834MHz_Edge_1RB_Left_Ant1



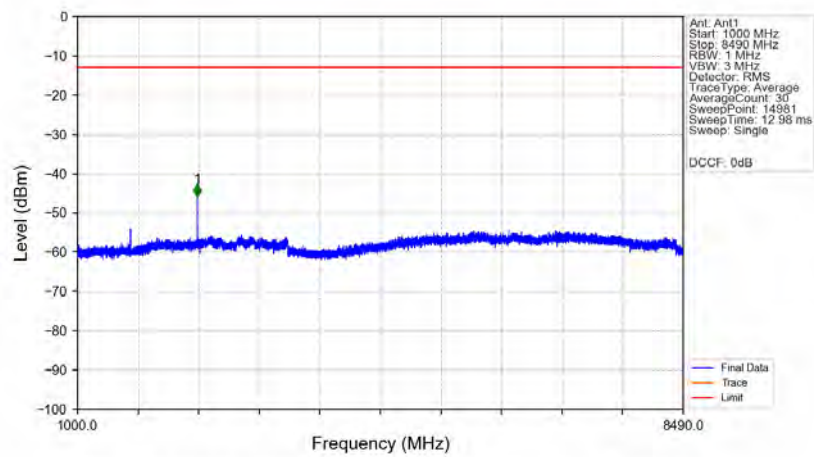
n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_834MHz_Outer_Full_Ant1



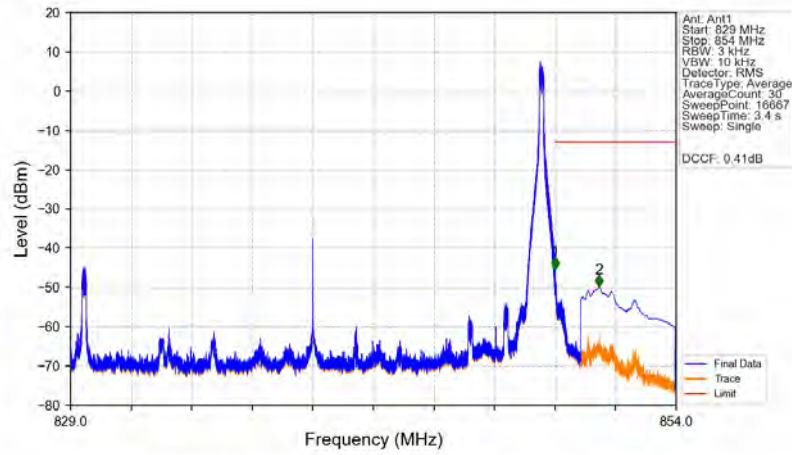
n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant1



n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant1

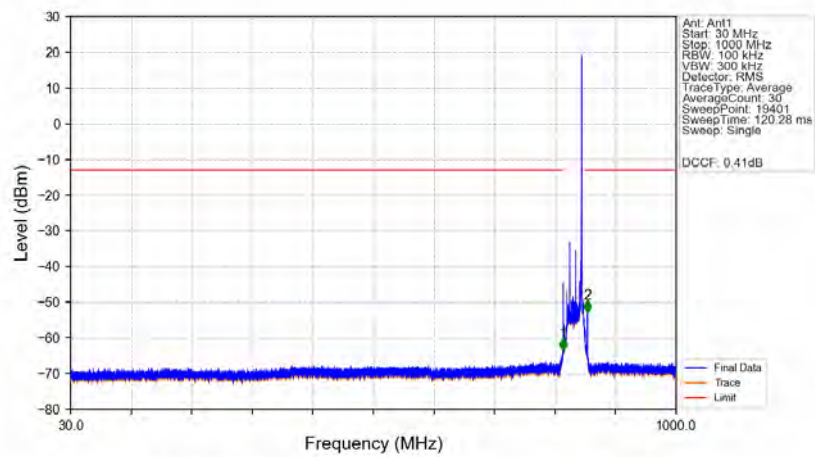


n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_839MHz_Edge_1RB_Right_Ant1



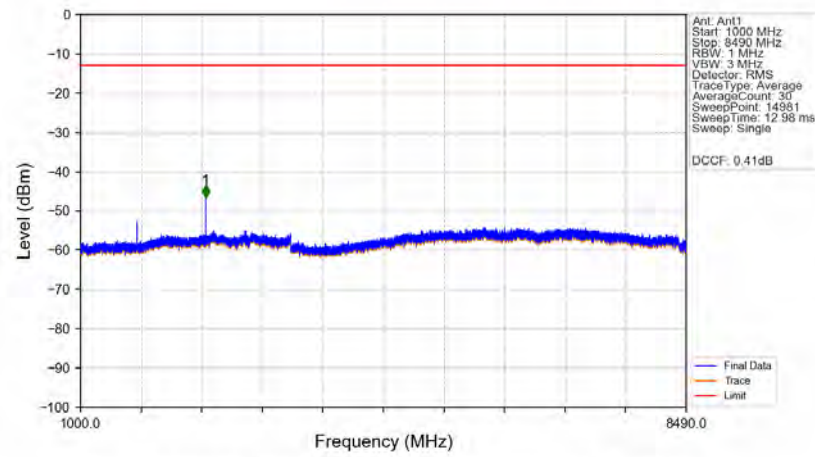
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
829	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.006	-45.25	-13	Pass
850	854	0.1	CHP	2	850.805	-49.87	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_839MHz_Edge_1RB_Right_Ant1

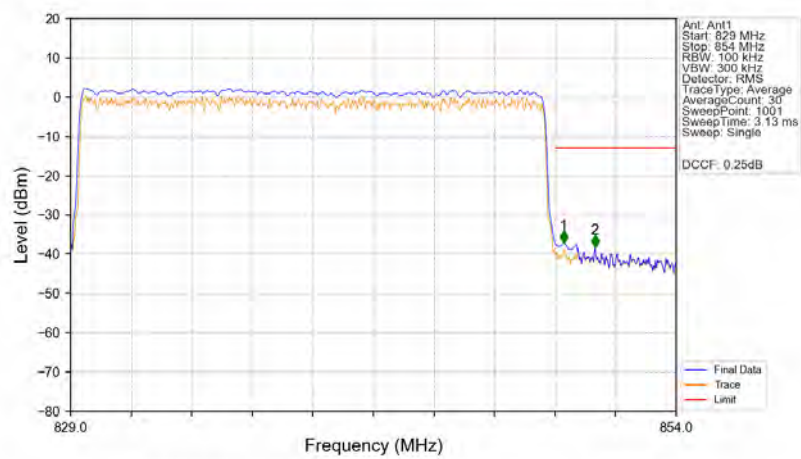


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.950	-63.43	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	857.850	-52.83	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_839MHz_Edge_1RB_Right_Ant1



n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_839MHz_Outer_Full_Ant1



6. Field Strength of Spurious Radiation

Test Band = SA Band5_ TM1

Test Channel = Low

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1403.4286	44.43	-48.01	25.20	-73.64	-13.00	60.64	Horizontal
2	1649.1429	57.21	-48.22	25.45	-60.82	-13.00	47.82	Horizontal
3	2473.7143	49.48	-47.32	27.15	-65.95	-13.00	52.95	Horizontal
4	3194.8571	42.90	-46.31	28.29	-70.38	-13.00	57.38	Horizontal
5	3848	42.72	-46.19	29.16	-69.58	-13.00	56.58	Horizontal
6	4756.5714	42.74	-45.71	31.01	-67.22	-13.00	54.22	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1649.1429	53.41	-48.22	25.45	-64.62	-13.00	51.62	Vertical
2	2473.7143	48.01	-47.32	27.15	-67.42	-13.00	54.42	Vertical
3	3220.5714	42.62	-46.37	28.32	-70.69	-13.00	57.69	Vertical
4	3651.4286	42.34	-46.24	28.84	-70.32	-13.00	57.32	Vertical
5	4603.4286	43.47	-45.79	30.77	-66.81	-13.00	53.81	Vertical
6	5552	42.34	-45.21	32.31	-65.82	-13.00	52.82	Vertical

Test Band = SA Band5_ TM1
Test Channel = Mid

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1654.2857	53.25	-48.21	25.45	-64.77	-13.00	51.77	Horizontal
2	2481.1429	48.86	-47.30	27.16	-66.54	-13.00	53.54	Horizontal
3	3200	42.74	-46.29	28.30	-70.51	-13.00	57.51	Horizontal
4	4146.2857	42.61	-45.93	29.75	-68.83	-13.00	55.83	Horizontal
5	4735.4286	42.48	-45.74	30.98	-67.55	-13.00	54.55	Horizontal
6	6241.1429	42.78	-44.77	33.22	-64.03	-13.00	51.03	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1654.2857	50.34	-48.21	25.45	-67.68	-13.00	54.68	Vertical
2	2481.1429	48.37	-47.30	27.16	-67.03	-13.00	54.03	Vertical
3	3224.5714	42.67	-46.39	28.32	-70.65	-13.00	57.65	Vertical
4	3819.4286	42.71	-46.17	29.11	-69.61	-13.00	56.61	Vertical
5	4556	42.95	-45.71	30.69	-67.33	-13.00	54.33	Vertical
6	5760	41.29	-44.62	32.35	-66.24	-13.00	53.24	Vertical

Test Band = SA Band5_ TM1
Test Channel = High

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1658.8571	49.20	-48.21	25.46	-68.81	-13.00	55.81	Horizontal
2	2488.5714	49.17	-47.29	27.18	-66.20	-13.00	53.20	Horizontal
3	3226.2857	42.84	-46.39	28.33	-70.49	-13.00	57.49	Horizontal
4	3845.7143	42.48	-46.19	29.15	-69.82	-13.00	56.82	Horizontal
5	4417.7143	42.64	-45.84	30.40	-68.06	-13.00	55.06	Horizontal
6	5370.8571	41.74	-45.06	32.07	-66.52	-13.00	53.52	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1658.8571	48.84	-48.21	25.46	-69.17	-13.00	56.17	Vertical
2	2488.5714	49.95	-47.29	27.18	-65.42	-13.00	52.42	Vertical
3	3211.4286	42.75	-46.33	28.31	-70.53	-13.00	57.53	Vertical
4	3853.1429	42.67	-46.20	29.17	-69.62	-13.00	56.62	Vertical
5	4575.4286	43.31	-45.74	30.72	-66.97	-13.00	53.97	Vertical
6	5492	42.25	-45.13	32.29	-65.85	-13.00	52.85	Vertical

Test Band = NSA 30A-N5A_ TM1
Test Channel = Low

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1782.2857	43.67	-47.99	25.58	-73.99	-40.00	33.99	Horizontal
2	2717.1429	42.27	-47.03	27.59	-72.43	-40.00	32.43	Horizontal
3	4114.2857	42.01	-45.91	29.67	-69.48	-40.00	29.48	Horizontal
4	5446.2857	41.99	-45.05	32.20	-66.12	-40.00	26.12	Horizontal
5	6701.1429	40.91	-44.06	34.46	-63.95	-40.00	23.95	Horizontal
6	8009.1429	39.24	-42.39	37.09	-61.32	-40.00	21.32	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1446.8571	44.11	-48.15	25.25	-74.05	-40.00	34.05	Vertical
2	2087.4286	43.51	-47.73	26.37	-73.11	-40.00	33.11	Vertical
3	2662.8571	42.77	-47.01	27.49	-72.00	-40.00	32.00	Vertical
4	3217.1429	42.51	-46.36	28.32	-70.79	-40.00	30.79	Vertical
5	4297.7143	41.94	-45.78	30.11	-68.99	-40.00	28.99	Vertical
6	5420.5714	41.77	-45.00	32.16	-66.34	-40.00	26.34	Vertical

Test Band = NSA 30A-N5A_ TM1
Test Channel = Mid

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1394.8571	43.57	-48.01	25.20	-74.50	-40.00	34.50	Horizontal
2	2035.4286	43.01	-47.83	26.27	-73.81	-40.00	33.81	Horizontal
3	2397.1429	42.84	-47.45	26.99	-72.88	-40.00	32.88	Horizontal
4	3271.4286	42.47	-46.57	28.37	-70.99	-40.00	30.99	Horizontal
5	3928	42.16	-46.22	29.28	-70.04	-40.00	30.04	Horizontal
6	5647.4286	41.47	-44.94	32.33	-66.40	-40.00	26.40	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1397.7143	44.10	-48.00	25.20	-73.96	-40.00	33.96	Vertical
2	1833.7143	43.71	-47.98	25.70	-73.83	-40.00	33.83	Vertical
3	2463.4286	43.88	-47.34	27.13	-71.59	-40.00	31.59	Vertical
4	3139.4286	42.45	-46.57	28.24	-71.14	-40.00	31.14	Vertical
5	4549.7143	42.82	-45.69	30.68	-67.45	-40.00	27.45	Vertical
6	5471.4286	41.62	-45.09	32.25	-66.48	-40.00	26.48	Vertical

Test Band = NSA 30A-N5A_ TM1
Test Channel = High

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1334.8571	43.66	-48.08	25.17	-74.52	-40.00	34.52	Horizontal
2	2393.7143	42.47	-47.45	26.99	-73.26	-40.00	33.26	Horizontal
3	2556.5714	42.44	-47.08	27.30	-72.60	-40.00	32.60	Horizontal
4	3459.4286	41.80	-46.54	28.56	-71.44	-40.00	31.44	Horizontal
5	4404.5714	41.93	-45.88	30.37	-68.84	-40.00	28.84	Horizontal
6	5428.5714	41.27	-45.02	32.17	-66.84	-40.00	26.84	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1495.4286	44.43	-48.31	25.30	-73.84	-40.00	33.84	Vertical
2	2087.4286	43.20	-47.73	26.37	-73.42	-40.00	33.42	Vertical
3	2462.8571	44.48	-47.34	27.13	-70.99	-40.00	30.99	Vertical
4	3040	42.48	-46.61	28.14	-71.25	-40.00	31.25	Vertical
5	4096.5714	41.91	-45.91	29.63	-69.63	-40.00	29.63	Vertical
6	4551.4286	42.74	-45.70	30.68	-67.54	-40.00	27.54	Vertical