

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	23.42	/	/	20.15	/	/	<=38.45	Pass
		Edge 1RB Right	23.48	/	/	20.21	/	/	<=38.45	Pass
		Outer Full	23.41	/	/	20.14	/	/	<=38.45	Pass
		Inner Full	23.92	/	/	20.65	/	/	<=38.45	Pass
		Inner 1RB Left	23.90	/	/	20.63	/	/	<=38.45	Pass
		Inner 1RB Right	23.96	/	/	20.69	/	/	<=38.45	Pass
	836.5	Edge 1RB Left	23.44	/	/	20.17	/	/	<=38.45	Pass
		Edge 1RB Right	23.43	/	/	20.16	/	/	<=38.45	Pass
		Outer Full	23.48	/	/	20.21	/	/	<=38.45	Pass
		Inner Full	23.95	/	/	20.68	/	/	<=38.45	Pass
		Inner 1RB Left	24.02	/	/	20.75	/	/	<=38.45	Pass
		Inner 1RB Right	23.95	/	/	20.68	/	/	<=38.45	Pass
	846.5	Edge 1RB Left	23.42	/	/	20.15	/	/	<=38.45	Pass
		Edge 1RB Right	23.39	/	/	20.12	/	/	<=38.45	Pass
		Outer Full	23.46	/	/	20.19	/	/	<=38.45	Pass
		Inner Full	23.94	/	/	20.67	/	/	<=38.45	Pass
		Inner 1RB Left	23.90	/	/	20.63	/	/	<=38.45	Pass
		Inner 1RB Right	23.91	/	/	20.64	/	/	<=38.45	Pass
DFT-s-OFDM QPSK	826.5	Edge 1RB Left	22.85	/	/	19.58	/	/	<=38.45	Pass
		Edge 1RB Right	22.91	/	/	19.64	/	/	<=38.45	Pass
		Outer Full	22.97	/	/	19.70	/	/	<=38.45	Pass
		Inner Full	23.98	/	/	20.71	/	/	<=38.45	Pass
		Inner 1RB Left	23.82	/	/	20.55	/	/	<=38.45	Pass
		Inner 1RB Right	23.93	/	/	20.66	/	/	<=38.45	Pass
	836.5	Edge 1RB Left	23.08	/	/	19.81	/	/	<=38.45	Pass
		Edge 1RB Right	22.85	/	/	19.58	/	/	<=38.45	Pass
		Outer Full	22.95	/	/	19.68	/	/	<=38.45	Pass
		Inner Full	23.97	/	/	20.70	/	/	<=38.45	Pass
		Inner 1RB Left	23.96	/	/	20.69	/	/	<=38.45	Pass
		Inner 1RB Right	23.89	/	/	20.62	/	/	<=38.45	Pass
	846.5	Edge 1RB Left	22.87	/	/	19.60	/	/	<=38.45	Pass
		Edge 1RB Right	22.86	/	/	19.59	/	/	<=38.45	Pass
		Outer Full	22.99	/	/	19.72	/	/	<=38.45	Pass
		Inner Full	23.98	/	/	20.71	/	/	<=38.45	Pass
		Inner 1RB Left	23.87	/	/	20.60	/	/	<=38.45	Pass
		Inner 1RB Right	23.89	/	/	20.62	/	/	<=38.45	Pass
DFT-s-OFDM 16 QAM	826.5	Edge 1RB Left	21.97	/	/	18.70	/	/	<=38.45	Pass
		Edge 1RB Right	22.24	/	/	18.97	/	/	<=38.45	Pass
		Outer Full	21.99	/	/	18.72	/	/	<=38.45	Pass
		Inner Full	22.93	/	/	19.66	/	/	<=38.45	Pass
		Inner 1RB Left	22.99	/	/	19.72	/	/	<=38.45	Pass
		Inner 1RB Right	23.05	/	/	19.78	/	/	<=38.45	Pass
	836.5	Edge 1RB Left	22.28	/	/	19.01	/	/	<=38.45	Pass
		Edge 1RB Right	22.02	/	/	18.75	/	/	<=38.45	Pass
		Outer Full	21.96	/	/	18.69	/	/	<=38.45	Pass
		Inner Full	22.94	/	/	19.67	/	/	<=38.45	Pass
		Inner 1RB Left	23.28	/	/	20.01	/	/	<=38.45	Pass
		Inner 1RB Right	23.04	/	/	19.77	/	/	<=38.45	Pass
	846.5	Edge 1RB Left	22.01	/	/	18.74	/	/	<=38.45	Pass

		Edge_1RB_Right	22.22	/	/	18.95	/	/	<=38.45	Pass
		Outer_Full	22.00	/	/	18.73	/	/	<=38.45	Pass
		Inner_Full	22.85	/	/	19.58	/	/	<=38.45	Pass
		Inner_1RB_Left	23.18	/	/	19.91	/	/	<=38.45	Pass
		Inner_1RB_Right	23.04	/	/	19.77	/	/	<=38.45	Pass
DFT-s-OFDM 64 QAM	826.5	Edge_1RB_Left	21.51	/	/	18.24	/	/	<=38.45	Pass
		Edge_1RB_Right	21.52	/	/	18.25	/	/	<=38.45	Pass
		Outer_Full	21.36	/	/	18.09	/	/	<=38.45	Pass
		Inner_Full	21.45	/	/	18.18	/	/	<=38.45	Pass
		Inner_1RB_Left	21.49	/	/	18.22	/	/	<=38.45	Pass
		Inner_1RB_Right	21.55	/	/	18.28	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.70	/	/	18.43	/	/	<=38.45	Pass
		Edge_1RB_Right	21.63	/	/	18.36	/	/	<=38.45	Pass
		Outer_Full	21.43	/	/	18.16	/	/	<=38.45	Pass
		Inner_Full	21.50	/	/	18.23	/	/	<=38.45	Pass
		Inner_1RB_Left	21.54	/	/	18.27	/	/	<=38.45	Pass
		Inner_1RB_Right	21.53	/	/	18.26	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	21.54	/	/	18.27	/	/	<=38.45	Pass
		Edge_1RB_Right	21.47	/	/	18.20	/	/	<=38.45	Pass
		Outer_Full	21.41	/	/	18.14	/	/	<=38.45	Pass
		Inner_Full	21.48	/	/	18.21	/	/	<=38.45	Pass
		Inner_1RB_Left	21.72	/	/	18.45	/	/	<=38.45	Pass
		Inner_1RB_Right	21.62	/	/	18.35	/	/	<=38.45	Pass
DFT-s-OFDM 256 QAM	826.5	Edge_1RB_Left	19.23	/	/	15.96	/	/	<=38.45	Pass
		Edge_1RB_Right	19.37	/	/	16.10	/	/	<=38.45	Pass
		Outer_Full	19.39	/	/	16.12	/	/	<=38.45	Pass
		Inner_Full	19.42	/	/	16.15	/	/	<=38.45	Pass
		Inner_1RB_Left	19.26	/	/	15.99	/	/	<=38.45	Pass
		Inner_1RB_Right	19.31	/	/	16.04	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	19.40	/	/	16.13	/	/	<=38.45	Pass
		Edge_1RB_Right	19.28	/	/	16.01	/	/	<=38.45	Pass
		Outer_Full	19.45	/	/	16.18	/	/	<=38.45	Pass
		Inner_Full	19.39	/	/	16.12	/	/	<=38.45	Pass
		Inner_1RB_Left	19.35	/	/	16.08	/	/	<=38.45	Pass
		Inner_1RB_Right	19.28	/	/	16.01	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	19.28	/	/	16.01	/	/	<=38.45	Pass
		Edge_1RB_Right	19.31	/	/	16.04	/	/	<=38.45	Pass
		Outer_Full	19.40	/	/	16.13	/	/	<=38.45	Pass
		Inner_Full	19.45	/	/	16.18	/	/	<=38.45	Pass
		Inner_1RB_Left	19.25	/	/	15.98	/	/	<=38.45	Pass
		Inner_1RB_Right	19.30	/	/	16.03	/	/	<=38.45	Pass
CP-OFDM QPSK	826.5	Edge_1RB_Left	20.87	/	/	17.60	/	/	<=38.45	Pass
		Edge_1RB_Right	21.02	/	/	17.75	/	/	<=38.45	Pass
		Outer_Full	20.95	/	/	17.68	/	/	<=38.45	Pass
		Inner_Full	22.49	/	/	19.22	/	/	<=38.45	Pass
		Inner_1RB_Left	22.50	/	/	19.23	/	/	<=38.45	Pass
		Inner_1RB_Right	22.54	/	/	19.27	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.08	/	/	17.81	/	/	<=38.45	Pass
		Edge_1RB_Right	20.96	/	/	17.69	/	/	<=38.45	Pass
		Outer_Full	20.94	/	/	17.67	/	/	<=38.45	Pass
		Inner_Full	22.52	/	/	19.25	/	/	<=38.45	Pass
		Inner_1RB_Left	22.60	/	/	19.33	/	/	<=38.45	Pass
		Inner_1RB_Right	22.60	/	/	19.33	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	20.90	/	/	17.63	/	/	<=38.45	Pass
		Edge_1RB_Right	20.96	/	/	17.69	/	/	<=38.45	Pass
		Outer_Full	20.93	/	/	17.66	/	/	<=38.45	Pass
		Inner_Full	22.53	/	/	19.26	/	/	<=38.45	Pass
		Inner_1RB_Left	22.46	/	/	19.19	/	/	<=38.45	Pass
		Inner_1RB_Right	22.58	/	/	19.31	/	/	<=38.45	Pass

CP-OFDM 16 QAM	826.5	Edge_1RB_Left	21.22	/	/	17.95	/	/	<=38.45	Pass
		Edge_1RB_Right	21.23	/	/	17.96	/	/	<=38.45	Pass
		Outer_Full	21.01	/	/	17.74	/	/	<=38.45	Pass
		Inner_Full	21.83	/	/	18.56	/	/	<=38.45	Pass
		Inner_1RB_Left	21.97	/	/	18.70	/	/	<=38.45	Pass
		Inner_1RB_Right	22.01	/	/	18.74	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.24	/	/	17.97	/	/	<=38.45	Pass
		Edge_1RB_Right	21.22	/	/	17.95	/	/	<=38.45	Pass
		Outer_Full	20.98	/	/	17.71	/	/	<=38.45	Pass
		Inner_Full	21.85	/	/	18.58	/	/	<=38.45	Pass
		Inner_1RB_Left	22.09	/	/	18.82	/	/	<=38.45	Pass
		Inner_1RB_Right	22.03	/	/	18.76	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	21.22	/	/	17.95	/	/	<=38.45	Pass
		Edge_1RB_Right	21.22	/	/	17.95	/	/	<=38.45	Pass
		Outer_Full	20.94	/	/	17.67	/	/	<=38.45	Pass
		Inner_Full	21.81	/	/	18.54	/	/	<=38.45	Pass
		Inner_1RB_Left	22.15	/	/	18.88	/	/	<=38.45	Pass
		Inner_1RB_Right	22.13	/	/	18.86	/	/	<=38.45	Pass
CP-OFDM 64 QAM	826.5	Edge_1RB_Left	20.60	/	/	17.33	/	/	<=38.45	Pass
		Edge_1RB_Right	20.60	/	/	17.33	/	/	<=38.45	Pass
		Outer_Full	20.33	/	/	17.06	/	/	<=38.45	Pass
		Inner_Full	20.33	/	/	17.06	/	/	<=38.45	Pass
		Inner_1RB_Left	20.53	/	/	17.26	/	/	<=38.45	Pass
		Inner_1RB_Right	20.63	/	/	17.36	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	20.80	/	/	17.53	/	/	<=38.45	Pass
		Edge_1RB_Right	20.82	/	/	17.55	/	/	<=38.45	Pass
		Outer_Full	20.36	/	/	17.09	/	/	<=38.45	Pass
		Inner_Full	20.34	/	/	17.07	/	/	<=38.45	Pass
		Inner_1RB_Left	20.85	/	/	17.58	/	/	<=38.45	Pass
		Inner_1RB_Right	20.83	/	/	17.56	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	20.80	/	/	17.53	/	/	<=38.45	Pass
		Edge_1RB_Right	20.78	/	/	17.51	/	/	<=38.45	Pass
		Outer_Full	20.38	/	/	17.11	/	/	<=38.45	Pass
		Inner_Full	20.38	/	/	17.11	/	/	<=38.45	Pass
		Inner_1RB_Left	20.58	/	/	17.31	/	/	<=38.45	Pass
		Inner_1RB_Right	20.61	/	/	17.34	/	/	<=38.45	Pass
CP-OFDM 256 QAM	826.5	Edge_1RB_Left	17.26	/	/	13.99	/	/	<=38.45	Pass
		Edge_1RB_Right	17.33	/	/	14.06	/	/	<=38.45	Pass
		Outer_Full	17.40	/	/	14.13	/	/	<=38.45	Pass
		Inner_Full	17.34	/	/	14.07	/	/	<=38.45	Pass
		Inner_1RB_Left	17.28	/	/	14.01	/	/	<=38.45	Pass
		Inner_1RB_Right	17.38	/	/	14.11	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	17.42	/	/	14.15	/	/	<=38.45	Pass
		Edge_1RB_Right	17.39	/	/	14.12	/	/	<=38.45	Pass
		Outer_Full	17.43	/	/	14.16	/	/	<=38.45	Pass
		Inner_Full	17.39	/	/	14.12	/	/	<=38.45	Pass
		Inner_1RB_Left	17.42	/	/	14.15	/	/	<=38.45	Pass
		Inner_1RB_Right	17.38	/	/	14.11	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	17.31	/	/	14.04	/	/	<=38.45	Pass
		Edge_1RB_Right	17.31	/	/	14.04	/	/	<=38.45	Pass
		Outer_Full	17.42	/	/	14.15	/	/	<=38.45	Pass
		Inner_Full	17.32	/	/	14.05	/	/	<=38.45	Pass
		Inner_1RB_Left	17.35	/	/	14.08	/	/	<=38.45	Pass
		Inner_1RB_Right	17.39	/	/	14.12	/	/	<=38.45	Pass
Note1: Antenna Gain: Ant1: -1.12dBi; 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	23.36	/	/	20.09	/	/	<=38.45	Pass
		Edge 1RB Right	23.45	/	/	20.18	/	/	<=38.45	Pass
		Outer Full	23.39	/	/	20.12	/	/	<=38.45	Pass
		Inner Full	23.88	/	/	20.61	/	/	<=38.45	Pass
		Inner 1RB Left	23.82	/	/	20.55	/	/	<=38.45	Pass
		Inner 1RB Right	23.91	/	/	20.64	/	/	<=38.45	Pass
	836.5	Edge 1RB Left	23.45	/	/	20.18	/	/	<=38.45	Pass
		Edge 1RB Right	23.41	/	/	20.14	/	/	<=38.45	Pass
		Outer Full	23.41	/	/	20.14	/	/	<=38.45	Pass
		Inner Full	23.91	/	/	20.64	/	/	<=38.45	Pass
		Inner 1RB Left	23.95	/	/	20.68	/	/	<=38.45	Pass
		Inner 1RB Right	23.89	/	/	20.62	/	/	<=38.45	Pass
	844	Edge 1RB Left	23.34	/	/	20.07	/	/	<=38.45	Pass
		Edge 1RB Right	23.27	/	/	20.00	/	/	<=38.45	Pass
		Outer Full	23.27	/	/	20.00	/	/	<=38.45	Pass
		Inner Full	23.82	/	/	20.55	/	/	<=38.45	Pass
		Inner 1RB Left	23.80	/	/	20.53	/	/	<=38.45	Pass
		Inner 1RB Right	23.73	/	/	20.46	/	/	<=38.45	Pass
DFT-s-OFDM QPSK	829	Edge 1RB Left	22.93	/	/	19.66	/	/	<=38.45	Pass
		Edge 1RB Right	23.08	/	/	19.81	/	/	<=38.45	Pass
		Outer Full	22.87	/	/	19.60	/	/	<=38.45	Pass
		Inner Full	23.90	/	/	20.63	/	/	<=38.45	Pass
		Inner 1RB Left	23.92	/	/	20.65	/	/	<=38.45	Pass
		Inner 1RB Right	24.10	/	/	20.83	/	/	<=38.45	Pass
	836.5	Edge 1RB Left	23.05	/	/	19.78	/	/	<=38.45	Pass
		Edge 1RB Right	22.94	/	/	19.67	/	/	<=38.45	Pass
		Outer Full	22.90	/	/	19.63	/	/	<=38.45	Pass
		Inner Full	23.92	/	/	20.65	/	/	<=38.45	Pass
		Inner 1RB Left	24.12	/	/	20.85	/	/	<=38.45	Pass
		Inner 1RB Right	24.00	/	/	20.73	/	/	<=38.45	Pass
	844	Edge 1RB Left	22.83	/	/	19.56	/	/	<=38.45	Pass
		Edge 1RB Right	22.88	/	/	19.61	/	/	<=38.45	Pass
		Outer Full	22.78	/	/	19.51	/	/	<=38.45	Pass
		Inner Full	23.77	/	/	20.50	/	/	<=38.45	Pass
		Inner 1RB Left	23.95	/	/	20.68	/	/	<=38.45	Pass
		Inner 1RB Right	23.99	/	/	20.72	/	/	<=38.45	Pass
DFT-s-OFDM 16 QAM	829	Edge 1RB Left	22.13	/	/	18.86	/	/	<=38.45	Pass
		Edge 1RB Right	22.22	/	/	18.95	/	/	<=38.45	Pass
		Outer Full	21.82	/	/	18.55	/	/	<=38.45	Pass
		Inner Full	22.94	/	/	19.67	/	/	<=38.45	Pass
		Inner 1RB Left	23.00	/	/	19.73	/	/	<=38.45	Pass
		Inner 1RB Right	23.11	/	/	19.84	/	/	<=38.45	Pass
	836.5	Edge 1RB Left	22.11	/	/	18.84	/	/	<=38.45	Pass
		Edge 1RB Right	22.04	/	/	18.77	/	/	<=38.45	Pass
		Outer Full	21.91	/	/	18.64	/	/	<=38.45	Pass
		Inner Full	22.96	/	/	19.69	/	/	<=38.45	Pass
		Inner 1RB Left	23.10	/	/	19.83	/	/	<=38.45	Pass
		Inner 1RB Right	23.08	/	/	19.81	/	/	<=38.45	Pass
	844	Edge 1RB Left	21.80	/	/	18.53	/	/	<=38.45	Pass
		Edge 1RB Right	21.80	/	/	18.53	/	/	<=38.45	Pass
		Outer Full	21.80	/	/	18.53	/	/	<=38.45	Pass
		Inner Full	22.57	/	/	19.30	/	/	<=38.45	Pass
		Inner 1RB Left	21.80	/	/	18.53	/	/	<=38.45	Pass
		Inner 1RB Right	21.80	/	/	18.53	/	/	<=38.45	Pass
DFT-s-OFDM 64 QAM	829	Edge 1RB Left	21.30	/	/	18.03	/	/	<=38.45	Pass
		Edge 1RB Right	21.49	/	/	18.22	/	/	<=38.45	Pass

		Outer Full	21.31	/	/	18.04	/	/	<=38.45	Pass
		Inner Full	21.32	/	/	18.05	/	/	<=38.45	Pass
		Inner 1RB Left	21.46	/	/	18.19	/	/	<=38.45	Pass
		Inner 1RB Right	21.56	/	/	18.29	/	/	<=38.45	Pass
	836.5	Edge 1RB Left	21.61	/	/	18.34	/	/	<=38.45	Pass
		Edge 1RB Right	21.52	/	/	18.25	/	/	<=38.45	Pass
		Outer Full	21.45	/	/	18.18	/	/	<=38.45	Pass
		Inner Full	21.41	/	/	18.14	/	/	<=38.45	Pass
		Inner 1RB Left	21.74	/	/	18.47	/	/	<=38.45	Pass
		Inner 1RB Right	21.62	/	/	18.35	/	/	<=38.45	Pass
	844	Edge 1RB Left	21.18	/	/	17.91	/	/	<=38.45	Pass
		Edge 1RB Right	21.14	/	/	17.87	/	/	<=38.45	Pass
		Outer Full	21.05	/	/	17.78	/	/	<=38.45	Pass
		Inner Full	20.96	/	/	17.69	/	/	<=38.45	Pass
		Inner 1RB Left	21.13	/	/	17.86	/	/	<=38.45	Pass
		Inner 1RB Right	21.20	/	/	17.93	/	/	<=38.45	Pass
DFT-s-OFDM 256 QAM	829	Edge 1RB Left	19.19	/	/	15.92	/	/	<=38.45	Pass
		Edge 1RB Right	19.35	/	/	16.08	/	/	<=38.45	Pass
		Outer Full	19.32	/	/	16.05	/	/	<=38.45	Pass
		Inner Full	19.33	/	/	16.06	/	/	<=38.45	Pass
		Inner 1RB Left	19.22	/	/	15.95	/	/	<=38.45	Pass
		Inner 1RB Right	19.36	/	/	16.09	/	/	<=38.45	Pass
	836.5	Edge 1RB Left	19.37	/	/	16.10	/	/	<=38.45	Pass
		Edge 1RB Right	19.30	/	/	16.03	/	/	<=38.45	Pass
		Outer Full	19.43	/	/	16.16	/	/	<=38.45	Pass
		Inner Full	19.39	/	/	16.12	/	/	<=38.45	Pass
		Inner 1RB Left	19.32	/	/	16.05	/	/	<=38.45	Pass
		Inner 1RB Right	19.28	/	/	16.01	/	/	<=38.45	Pass
	844	Edge 1RB Left	18.99	/	/	15.72	/	/	<=38.45	Pass
		Edge 1RB Right	19.02	/	/	15.75	/	/	<=38.45	Pass
		Outer Full	19.00	/	/	15.73	/	/	<=38.45	Pass
		Inner Full	19.03	/	/	15.76	/	/	<=38.45	Pass
		Inner 1RB Left	18.97	/	/	15.70	/	/	<=38.45	Pass
		Inner 1RB Right	19.00	/	/	15.73	/	/	<=38.45	Pass
CP-OFDM QPSK	829	Edge 1RB Left	20.88	/	/	17.61	/	/	<=38.45	Pass
		Edge 1RB Right	20.96	/	/	17.69	/	/	<=38.45	Pass
		Outer Full	20.84	/	/	17.57	/	/	<=38.45	Pass
		Inner Full	22.39	/	/	19.12	/	/	<=38.45	Pass
		Inner 1RB Left	22.46	/	/	19.19	/	/	<=38.45	Pass
		Inner 1RB Right	22.59	/	/	19.32	/	/	<=38.45	Pass
	836.5	Edge 1RB Left	21.05	/	/	17.78	/	/	<=38.45	Pass
		Edge 1RB Right	20.93	/	/	17.66	/	/	<=38.45	Pass
		Outer Full	20.92	/	/	17.65	/	/	<=38.45	Pass
		Inner Full	22.43	/	/	19.16	/	/	<=38.45	Pass
		Inner 1RB Left	22.61	/	/	19.34	/	/	<=38.45	Pass
		Inner 1RB Right	22.50	/	/	19.23	/	/	<=38.45	Pass
	844	Edge 1RB Left	20.57	/	/	17.30	/	/	<=38.45	Pass
		Edge 1RB Right	20.58	/	/	17.31	/	/	<=38.45	Pass
		Outer Full	20.49	/	/	17.22	/	/	<=38.45	Pass
		Inner Full	22.07	/	/	18.80	/	/	<=38.45	Pass
		Inner 1RB Left	22.19	/	/	18.92	/	/	<=38.45	Pass
		Inner 1RB Right	22.22	/	/	18.95	/	/	<=38.45	Pass
CP-OFDM 16 QAM	829	Edge 1RB Left	20.75	/	/	17.48	/	/	<=38.45	Pass
		Edge 1RB Right	20.86	/	/	17.59	/	/	<=38.45	Pass
		Outer Full	20.86	/	/	17.59	/	/	<=38.45	Pass
		Inner Full	21.86	/	/	18.59	/	/	<=38.45	Pass
		Inner 1RB Left	22.14	/	/	18.87	/	/	<=38.45	Pass
		Inner 1RB Right	22.20	/	/	18.93	/	/	<=38.45	Pass
	836.5	Edge 1RB Left	21.30	/	/	18.03	/	/	<=38.45	Pass

		Edge_1RB_Right	21.19	/	/	17.92	/	/	<=38.45	Pass
		Outer_Full	20.92	/	/	17.65	/	/	<=38.45	Pass
		Inner_Full	21.92	/	/	18.65	/	/	<=38.45	Pass
		Inner_1RB_Left	22.13	/	/	18.86	/	/	<=38.45	Pass
		Inner_1RB_Right	22.21	/	/	18.94	/	/	<=38.45	Pass
	844	Edge_1RB_Left	20.68	/	/	17.41	/	/	<=38.45	Pass
		Edge_1RB_Right	20.82	/	/	17.55	/	/	<=38.45	Pass
		Outer_Full	20.51	/	/	17.24	/	/	<=38.45	Pass
		Inner_Full	21.57	/	/	18.30	/	/	<=38.45	Pass
		Inner_1RB_Left	21.67	/	/	18.40	/	/	<=38.45	Pass
		Inner_1RB_Right	21.84	/	/	18.57	/	/	<=38.45	Pass
	CP-OFDM 64 QAM	829	Edge_1RB_Left	20.58	/	/	17.31	/	/	<=38.45
Edge_1RB_Right			20.64	/	/	17.37	/	/	<=38.45	Pass
Outer_Full			20.35	/	/	17.08	/	/	<=38.45	Pass
Inner_Full			20.32	/	/	17.05	/	/	<=38.45	Pass
Inner_1RB_Left			20.74	/	/	17.47	/	/	<=38.45	Pass
Inner_1RB_Right			20.54	/	/	17.27	/	/	<=38.45	Pass
836.5		Edge_1RB_Left	20.63	/	/	17.36	/	/	<=38.45	Pass
		Edge_1RB_Right	20.81	/	/	17.54	/	/	<=38.45	Pass
		Outer_Full	20.44	/	/	17.17	/	/	<=38.45	Pass
		Inner_Full	20.37	/	/	17.10	/	/	<=38.45	Pass
		Inner_1RB_Left	20.81	/	/	17.54	/	/	<=38.45	Pass
		Inner_1RB_Right	20.51	/	/	17.24	/	/	<=38.45	Pass
844		Edge_1RB_Left	20.49	/	/	17.22	/	/	<=38.45	Pass
		Edge_1RB_Right	20.23	/	/	16.96	/	/	<=38.45	Pass
		Outer_Full	20.07	/	/	16.80	/	/	<=38.45	Pass
		Inner_Full	20.01	/	/	16.74	/	/	<=38.45	Pass
		Inner_1RB_Left	20.35	/	/	17.08	/	/	<=38.45	Pass
		Inner_1RB_Right	20.40	/	/	17.13	/	/	<=38.45	Pass
CP-OFDM 256 QAM	829	Edge_1RB_Left	17.25	/	/	13.98	/	/	<=38.45	Pass
		Edge_1RB_Right	17.36	/	/	14.09	/	/	<=38.45	Pass
		Outer_Full	17.28	/	/	14.01	/	/	<=38.45	Pass
		Inner_Full	17.34	/	/	14.07	/	/	<=38.45	Pass
		Inner_1RB_Left	17.27	/	/	14.00	/	/	<=38.45	Pass
		Inner_1RB_Right	17.36	/	/	14.09	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	17.42	/	/	14.15	/	/	<=38.45	Pass
		Edge_1RB_Right	17.40	/	/	14.13	/	/	<=38.45	Pass
		Outer_Full	17.40	/	/	14.13	/	/	<=38.45	Pass
		Inner_Full	17.41	/	/	14.14	/	/	<=38.45	Pass
		Inner_1RB_Left	17.43	/	/	14.16	/	/	<=38.45	Pass
		Inner_1RB_Right	17.35	/	/	14.08	/	/	<=38.45	Pass
	844	Edge_1RB_Left	17.06	/	/	13.79	/	/	<=38.45	Pass
		Edge_1RB_Right	16.99	/	/	13.72	/	/	<=38.45	Pass
		Outer_Full	17.01	/	/	13.74	/	/	<=38.45	Pass
Inner_Full		17.01	/	/	13.74	/	/	<=38.45	Pass	
Inner_1RB_Left		16.99	/	/	13.72	/	/	<=38.45	Pass	
	Inner_1RB_Right	16.99	/	/	13.72	/	/	<=38.45	Pass	
Note1: Antenna Gain: Ant1: -1.12dBi; 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	23.15	/	/	19.88	/	/	<=38.45	Pass
		Edge 1RB Right	23.22	/	/	19.95	/	/	<=38.45	Pass
		Outer Full	23.19	/	/	19.92	/	/	<=38.45	Pass

		Inner Full	23.71	/	/	20.44	/	/	<=38.45	Pass
		Inner 1RB Left	23.63	/	/	20.36	/	/	<=38.45	Pass
		Inner 1RB Right	23.71	/	/	20.44	/	/	<=38.45	Pass
	836.5	Edge 1RB Left	23.22	/	/	19.95	/	/	<=38.45	Pass
		Edge 1RB Right	23.22	/	/	19.95	/	/	<=38.45	Pass
		Outer Full	23.24	/	/	19.97	/	/	<=38.45	Pass
		Inner Full	23.75	/	/	20.48	/	/	<=38.45	Pass
		Inner 1RB Left	23.73	/	/	20.46	/	/	<=38.45	Pass
		Inner 1RB Right	23.73	/	/	20.46	/	/	<=38.45	Pass
	841.5	Edge 1RB Left	23.26	/	/	19.99	/	/	<=38.45	Pass
		Edge 1RB Right	23.19	/	/	19.92	/	/	<=38.45	Pass
		Outer Full	23.18	/	/	19.91	/	/	<=38.45	Pass
		Inner Full	23.65	/	/	20.38	/	/	<=38.45	Pass
		Inner 1RB Left	23.74	/	/	20.47	/	/	<=38.45	Pass
		Inner 1RB Right	23.68	/	/	20.41	/	/	<=38.45	Pass
DFT-s-OFDM QPSK	831.5	Edge 1RB Left	22.64	/	/	19.37	/	/	<=38.45	Pass
		Edge 1RB Right	22.72	/	/	19.45	/	/	<=38.45	Pass
		Outer Full	22.72	/	/	19.45	/	/	<=38.45	Pass
		Inner Full	23.69	/	/	20.42	/	/	<=38.45	Pass
		Inner 1RB Left	23.63	/	/	20.36	/	/	<=38.45	Pass
		Inner 1RB Right	23.71	/	/	20.44	/	/	<=38.45	Pass
	836.5	Edge 1RB Left	22.78	/	/	19.51	/	/	<=38.45	Pass
		Edge 1RB Right	22.70	/	/	19.43	/	/	<=38.45	Pass
		Outer Full	22.73	/	/	19.46	/	/	<=38.45	Pass
		Inner Full	23.73	/	/	20.46	/	/	<=38.45	Pass
		Inner 1RB Left	23.74	/	/	20.47	/	/	<=38.45	Pass
		Inner 1RB Right	23.70	/	/	20.43	/	/	<=38.45	Pass
	841.5	Edge 1RB Left	22.82	/	/	19.55	/	/	<=38.45	Pass
		Edge 1RB Right	22.69	/	/	19.42	/	/	<=38.45	Pass
		Outer Full	22.73	/	/	19.46	/	/	<=38.45	Pass
		Inner Full	23.64	/	/	20.37	/	/	<=38.45	Pass
		Inner 1RB Left	23.79	/	/	20.52	/	/	<=38.45	Pass
		Inner 1RB Right	23.73	/	/	20.46	/	/	<=38.45	Pass
DFT-s-OFDM 16 QAM	831.5	Edge 1RB Left	21.75	/	/	18.48	/	/	<=38.45	Pass
		Edge 1RB Right	21.78	/	/	18.51	/	/	<=38.45	Pass
		Outer Full	21.67	/	/	18.40	/	/	<=38.45	Pass
		Inner Full	22.70	/	/	19.43	/	/	<=38.45	Pass
		Inner 1RB Left	22.92	/	/	19.65	/	/	<=38.45	Pass
		Inner 1RB Right	22.98	/	/	19.71	/	/	<=38.45	Pass
	836.5	Edge 1RB Left	22.06	/	/	18.79	/	/	<=38.45	Pass
		Edge 1RB Right	21.98	/	/	18.71	/	/	<=38.45	Pass
		Outer Full	21.74	/	/	18.47	/	/	<=38.45	Pass
		Inner Full	22.70	/	/	19.43	/	/	<=38.45	Pass
		Inner 1RB Left	22.83	/	/	19.56	/	/	<=38.45	Pass
		Inner 1RB Right	22.82	/	/	19.55	/	/	<=38.45	Pass
	841.5	Edge 1RB Left	22.15	/	/	18.88	/	/	<=38.45	Pass
		Edge 1RB Right	21.79	/	/	18.52	/	/	<=38.45	Pass
		Outer Full	21.71	/	/	18.44	/	/	<=38.45	Pass
		Inner Full	22.70	/	/	19.43	/	/	<=38.45	Pass
		Inner 1RB Left	23.09	/	/	19.82	/	/	<=38.45	Pass
		Inner 1RB Right	22.79	/	/	19.52	/	/	<=38.45	Pass
DFT-s-OFDM 64 QAM	831.5	Edge 1RB Left	21.25	/	/	17.98	/	/	<=38.45	Pass
		Edge 1RB Right	21.46	/	/	18.19	/	/	<=38.45	Pass
		Outer Full	21.21	/	/	17.94	/	/	<=38.45	Pass
		Inner Full	21.21	/	/	17.94	/	/	<=38.45	Pass
		Inner 1RB Left	21.27	/	/	18.00	/	/	<=38.45	Pass
		Inner 1RB Right	21.48	/	/	18.21	/	/	<=38.45	Pass
	836.5	Edge 1RB Left	21.32	/	/	18.05	/	/	<=38.45	Pass
		Edge 1RB Right	21.30	/	/	18.03	/	/	<=38.45	Pass

		Outer Full	21.23	/	/	17.96	/	/	<=38.45	Pass
		Inner Full	21.24	/	/	17.97	/	/	<=38.45	Pass
		Inner 1RB Left	21.34	/	/	18.07	/	/	<=38.45	Pass
		Inner 1RB Right	21.50	/	/	18.23	/	/	<=38.45	Pass
	841.5	Edge 1RB Left	21.38	/	/	18.11	/	/	<=38.45	Pass
		Edge 1RB Right	21.24	/	/	17.97	/	/	<=38.45	Pass
		Outer Full	21.21	/	/	17.94	/	/	<=38.45	Pass
		Inner Full	21.16	/	/	17.89	/	/	<=38.45	Pass
		Inner 1RB Left	21.55	/	/	18.28	/	/	<=38.45	Pass
		Inner 1RB Right	21.25	/	/	17.98	/	/	<=38.45	Pass
DFT-s-OFDM 256 QAM	831.5	Edge 1RB Left	19.01	/	/	15.74	/	/	<=38.45	Pass
		Edge 1RB Right	19.11	/	/	15.84	/	/	<=38.45	Pass
		Outer Full	19.15	/	/	15.88	/	/	<=38.45	Pass
		Inner Full	19.19	/	/	15.92	/	/	<=38.45	Pass
		Inner 1RB Left	18.96	/	/	15.69	/	/	<=38.45	Pass
		Inner 1RB Right	19.06	/	/	15.79	/	/	<=38.45	Pass
	836.5	Edge 1RB Left	19.13	/	/	15.86	/	/	<=38.45	Pass
		Edge 1RB Right	19.10	/	/	15.83	/	/	<=38.45	Pass
		Outer Full	19.20	/	/	15.93	/	/	<=38.45	Pass
		Inner Full	19.23	/	/	15.96	/	/	<=38.45	Pass
		Inner 1RB Left	19.12	/	/	15.85	/	/	<=38.45	Pass
		Inner 1RB Right	19.08	/	/	15.81	/	/	<=38.45	Pass
	841.5	Edge 1RB Left	19.22	/	/	15.95	/	/	<=38.45	Pass
		Edge 1RB Right	19.17	/	/	15.90	/	/	<=38.45	Pass
		Outer Full	19.18	/	/	15.91	/	/	<=38.45	Pass
		Inner Full	19.14	/	/	15.87	/	/	<=38.45	Pass
		Inner 1RB Left	19.20	/	/	15.93	/	/	<=38.45	Pass
		Inner 1RB Right	19.05	/	/	15.78	/	/	<=38.45	Pass
CP-OFDM QPSK	831.5	Edge 1RB Left	20.76	/	/	17.49	/	/	<=38.45	Pass
		Edge 1RB Right	20.87	/	/	17.60	/	/	<=38.45	Pass
		Outer Full	20.71	/	/	17.44	/	/	<=38.45	Pass
		Inner Full	22.31	/	/	19.04	/	/	<=38.45	Pass
		Inner 1RB Left	22.28	/	/	19.01	/	/	<=38.45	Pass
		Inner 1RB Right	22.30	/	/	19.03	/	/	<=38.45	Pass
	836.5	Edge 1RB Left	20.81	/	/	17.54	/	/	<=38.45	Pass
		Edge 1RB Right	20.84	/	/	17.57	/	/	<=38.45	Pass
		Outer Full	20.75	/	/	17.48	/	/	<=38.45	Pass
		Inner Full	22.26	/	/	18.99	/	/	<=38.45	Pass
		Inner 1RB Left	22.37	/	/	19.10	/	/	<=38.45	Pass
		Inner 1RB Right	22.36	/	/	19.09	/	/	<=38.45	Pass
	841.5	Edge 1RB Left	20.91	/	/	17.64	/	/	<=38.45	Pass
		Edge 1RB Right	20.77	/	/	17.50	/	/	<=38.45	Pass
		Outer Full	20.73	/	/	17.46	/	/	<=38.45	Pass
		Inner Full	22.20	/	/	18.93	/	/	<=38.45	Pass
		Inner 1RB Left	22.38	/	/	19.11	/	/	<=38.45	Pass
		Inner 1RB Right	22.27	/	/	19.00	/	/	<=38.45	Pass
CP-OFDM 16 QAM	831.5	Edge 1RB Left	20.75	/	/	17.48	/	/	<=38.45	Pass
		Edge 1RB Right	21.00	/	/	17.73	/	/	<=38.45	Pass
		Outer Full	20.73	/	/	17.46	/	/	<=38.45	Pass
		Inner Full	21.67	/	/	18.40	/	/	<=38.45	Pass
		Inner 1RB Left	21.92	/	/	18.65	/	/	<=38.45	Pass
		Inner 1RB Right	22.00	/	/	18.73	/	/	<=38.45	Pass
	836.5	Edge 1RB Left	20.87	/	/	17.60	/	/	<=38.45	Pass
		Edge 1RB Right	20.78	/	/	17.51	/	/	<=38.45	Pass
		Outer Full	20.74	/	/	17.47	/	/	<=38.45	Pass
		Inner Full	21.69	/	/	18.42	/	/	<=38.45	Pass
		Inner 1RB Left	21.86	/	/	18.59	/	/	<=38.45	Pass
		Inner 1RB Right	21.80	/	/	18.53	/	/	<=38.45	Pass
	841.5	Edge 1RB Left	21.04	/	/	17.77	/	/	<=38.45	Pass

		Edge_1RB_Right	20.80	/	/	17.53	/	/	<=38.45	Pass
		Outer_Full	20.77	/	/	17.50	/	/	<=38.45	Pass
		Inner_Full	21.61	/	/	18.34	/	/	<=38.45	Pass
		Inner_1RB_Left	21.86	/	/	18.59	/	/	<=38.45	Pass
		Inner_1RB_Right	21.96	/	/	18.69	/	/	<=38.45	Pass
CP-OFDM 64 QAM	831.5	Edge_1RB_Left	20.39	/	/	17.12	/	/	<=38.45	Pass
		Edge_1RB_Right	20.22	/	/	16.95	/	/	<=38.45	Pass
		Outer_Full	20.17	/	/	16.90	/	/	<=38.45	Pass
		Inner_Full	20.21	/	/	16.94	/	/	<=38.45	Pass
		Inner_1RB_Left	20.37	/	/	17.10	/	/	<=38.45	Pass
	836.5	Inner_1RB_Right	20.43	/	/	17.16	/	/	<=38.45	Pass
		Edge_1RB_Left	20.31	/	/	17.04	/	/	<=38.45	Pass
		Edge_1RB_Right	20.32	/	/	17.05	/	/	<=38.45	Pass
		Outer_Full	20.22	/	/	16.95	/	/	<=38.45	Pass
		Inner_Full	20.23	/	/	16.96	/	/	<=38.45	Pass
	841.5	Inner_1RB_Left	20.47	/	/	17.20	/	/	<=38.45	Pass
		Inner_1RB_Right	20.63	/	/	17.36	/	/	<=38.45	Pass
		Edge_1RB_Left	20.36	/	/	17.09	/	/	<=38.45	Pass
		Edge_1RB_Right	20.35	/	/	17.08	/	/	<=38.45	Pass
		Outer_Full	20.24	/	/	16.97	/	/	<=38.45	Pass
CP-OFDM 256 QAM	831.5	Inner_Full	20.16	/	/	16.89	/	/	<=38.45	Pass
		Inner_1RB_Left	20.42	/	/	17.15	/	/	<=38.45	Pass
		Inner_1RB_Right	20.50	/	/	17.23	/	/	<=38.45	Pass
		Edge_1RB_Left	17.05	/	/	13.78	/	/	<=38.45	Pass
		Edge_1RB_Right	17.18	/	/	13.91	/	/	<=38.45	Pass
	836.5	Outer_Full	17.12	/	/	13.85	/	/	<=38.45	Pass
		Inner_Full	17.19	/	/	13.92	/	/	<=38.45	Pass
		Inner_1RB_Left	17.05	/	/	13.78	/	/	<=38.45	Pass
		Inner_1RB_Right	17.15	/	/	13.88	/	/	<=38.45	Pass
		Edge_1RB_Left	17.19	/	/	13.92	/	/	<=38.45	Pass
	841.5	Edge_1RB_Right	17.13	/	/	13.86	/	/	<=38.45	Pass
		Outer_Full	17.21	/	/	13.94	/	/	<=38.45	Pass
		Inner_Full	17.22	/	/	13.95	/	/	<=38.45	Pass
		Inner_1RB_Left	17.16	/	/	13.89	/	/	<=38.45	Pass
		Inner_1RB_Right	17.11	/	/	13.84	/	/	<=38.45	Pass
		Edge_1RB_Left	17.24	/	/	13.97	/	/	<=38.45	Pass
		Edge_1RB_Right	17.14	/	/	13.87	/	/	<=38.45	Pass
		Outer_Full	17.16	/	/	13.89	/	/	<=38.45	Pass
		Inner_Full	17.12	/	/	13.85	/	/	<=38.45	Pass
		Inner_1RB_Left	17.19	/	/	13.92	/	/	<=38.45	Pass
			Inner_1RB_Right	17.13	/	/	13.86	/	/	<=38.45
Note1: Antenna Gain: Ant1: -1.12dBi; 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	23.17	/	/	19.90	/	/	<=38.45	Pass
		Edge_1RB_Right	23.20	/	/	19.93	/	/	<=38.45	Pass
		Outer_Full	23.18	/	/	19.91	/	/	<=38.45	Pass
		Inner_Full	23.73	/	/	20.46	/	/	<=38.45	Pass
		Inner_1RB_Left	23.67	/	/	20.40	/	/	<=38.45	Pass
	836.5	Inner_1RB_Right	23.70	/	/	20.43	/	/	<=38.45	Pass
		Edge_1RB_Left	23.26	/	/	19.99	/	/	<=38.45	Pass
		Edge_1RB_Right	23.30	/	/	20.03	/	/	<=38.45	Pass
		Outer_Full	23.30	/	/	20.03	/	/	<=38.45	Pass

		Inner_Full	23.77	/	/	20.50	/	/	<=38.45	Pass
		Inner_1RB_Left	23.78	/	/	20.51	/	/	<=38.45	Pass
		Inner_1RB_Right	23.76	/	/	20.49	/	/	<=38.45	Pass
	839	Edge_1RB_Left	23.28	/	/	20.01	/	/	<=38.45	Pass
		Edge_1RB_Right	23.21	/	/	19.94	/	/	<=38.45	Pass
		Outer_Full	23.26	/	/	19.99	/	/	<=38.45	Pass
		Inner_Full	23.75	/	/	20.48	/	/	<=38.45	Pass
		Inner_1RB_Left	23.76	/	/	20.49	/	/	<=38.45	Pass
		Inner_1RB_Right	23.73	/	/	20.46	/	/	<=38.45	Pass
DFT-s-OFDM QPSK	834	Edge_1RB_Left	22.61	/	/	19.34	/	/	<=38.45	Pass
		Edge_1RB_Right	22.65	/	/	19.38	/	/	<=38.45	Pass
		Outer_Full	22.72	/	/	19.45	/	/	<=38.45	Pass
		Inner_Full	23.73	/	/	20.46	/	/	<=38.45	Pass
		Inner_1RB_Left	23.61	/	/	20.34	/	/	<=38.45	Pass
		Inner_1RB_Right	23.65	/	/	20.38	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	22.78	/	/	19.51	/	/	<=38.45	Pass
		Edge_1RB_Right	22.79	/	/	19.52	/	/	<=38.45	Pass
		Outer_Full	22.80	/	/	19.53	/	/	<=38.45	Pass
		Inner_Full	23.78	/	/	20.51	/	/	<=38.45	Pass
		Inner_1RB_Left	23.77	/	/	20.50	/	/	<=38.45	Pass
		Inner_1RB_Right	23.80	/	/	20.53	/	/	<=38.45	Pass
	839	Edge_1RB_Left	22.75	/	/	19.48	/	/	<=38.45	Pass
		Edge_1RB_Right	22.74	/	/	19.47	/	/	<=38.45	Pass
		Outer_Full	22.76	/	/	19.49	/	/	<=38.45	Pass
		Inner_Full	23.76	/	/	20.49	/	/	<=38.45	Pass
		Inner_1RB_Left	23.74	/	/	20.47	/	/	<=38.45	Pass
		Inner_1RB_Right	23.73	/	/	20.46	/	/	<=38.45	Pass
DFT-s-OFDM 16 QAM	834	Edge_1RB_Left	21.93	/	/	18.66	/	/	<=38.45	Pass
		Edge_1RB_Right	21.78	/	/	18.51	/	/	<=38.45	Pass
		Outer_Full	21.66	/	/	18.39	/	/	<=38.45	Pass
		Inner_Full	22.71	/	/	19.44	/	/	<=38.45	Pass
		Inner_1RB_Left	22.75	/	/	19.48	/	/	<=38.45	Pass
		Inner_1RB_Right	22.78	/	/	19.51	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	22.10	/	/	18.83	/	/	<=38.45	Pass
		Edge_1RB_Right	22.05	/	/	18.78	/	/	<=38.45	Pass
		Outer_Full	21.81	/	/	18.54	/	/	<=38.45	Pass
		Inner_Full	22.80	/	/	19.53	/	/	<=38.45	Pass
		Inner_1RB_Left	22.87	/	/	19.60	/	/	<=38.45	Pass
		Inner_1RB_Right	23.09	/	/	19.82	/	/	<=38.45	Pass
	839	Edge_1RB_Left	21.73	/	/	18.46	/	/	<=38.45	Pass
		Edge_1RB_Right	22.04	/	/	18.77	/	/	<=38.45	Pass
		Outer_Full	21.76	/	/	18.49	/	/	<=38.45	Pass
		Inner_Full	22.82	/	/	19.55	/	/	<=38.45	Pass
		Inner_1RB_Left	23.06	/	/	19.79	/	/	<=38.45	Pass
		Inner_1RB_Right	22.86	/	/	19.59	/	/	<=38.45	Pass
DFT-s-OFDM 64 QAM	834	Edge_1RB_Left	21.43	/	/	18.16	/	/	<=38.45	Pass
		Edge_1RB_Right	21.27	/	/	18.00	/	/	<=38.45	Pass
		Outer_Full	21.16	/	/	17.89	/	/	<=38.45	Pass
		Inner_Full	21.24	/	/	17.97	/	/	<=38.45	Pass
		Inner_1RB_Left	21.43	/	/	18.16	/	/	<=38.45	Pass
		Inner_1RB_Right	21.44	/	/	18.17	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.38	/	/	18.11	/	/	<=38.45	Pass
		Edge_1RB_Right	21.38	/	/	18.11	/	/	<=38.45	Pass
		Outer_Full	21.30	/	/	18.03	/	/	<=38.45	Pass
		Inner_Full	21.33	/	/	18.06	/	/	<=38.45	Pass
		Inner_1RB_Left	21.46	/	/	18.19	/	/	<=38.45	Pass
		Inner_1RB_Right	21.36	/	/	18.09	/	/	<=38.45	Pass
	839	Edge_1RB_Left	21.38	/	/	18.11	/	/	<=38.45	Pass
		Edge_1RB_Right	21.30	/	/	18.03	/	/	<=38.45	Pass

		Outer Full	21.24	/	/	17.97	/	/	<=38.45	Pass
		Inner Full	21.29	/	/	18.02	/	/	<=38.45	Pass
		Inner 1RB Left	21.35	/	/	18.08	/	/	<=38.45	Pass
		Inner 1RB Right	21.26	/	/	17.99	/	/	<=38.45	Pass
DFT-s-OFDM 256 QAM	834	Edge 1RB Left	19.06	/	/	15.79	/	/	<=38.45	Pass
		Edge 1RB Right	19.06	/	/	15.79	/	/	<=38.45	Pass
		Outer Full	19.14	/	/	15.87	/	/	<=38.45	Pass
		Inner Full	19.24	/	/	15.97	/	/	<=38.45	Pass
		Inner 1RB Left	19.02	/	/	15.75	/	/	<=38.45	Pass
		Inner 1RB Right	19.04	/	/	15.77	/	/	<=38.45	Pass
	836.5	Edge 1RB Left	19.16	/	/	15.89	/	/	<=38.45	Pass
		Edge 1RB Right	19.12	/	/	15.85	/	/	<=38.45	Pass
		Outer Full	19.25	/	/	15.98	/	/	<=38.45	Pass
		Inner Full	19.27	/	/	16.00	/	/	<=38.45	Pass
		Inner 1RB Left	19.20	/	/	15.93	/	/	<=38.45	Pass
		Inner 1RB Right	19.19	/	/	15.92	/	/	<=38.45	Pass
	839	Edge 1RB Left	19.22	/	/	15.95	/	/	<=38.45	Pass
		Edge 1RB Right	19.16	/	/	15.89	/	/	<=38.45	Pass
		Outer Full	19.25	/	/	15.98	/	/	<=38.45	Pass
		Inner Full	19.26	/	/	15.99	/	/	<=38.45	Pass
		Inner 1RB Left	19.17	/	/	15.90	/	/	<=38.45	Pass
		Inner 1RB Right	19.14	/	/	15.87	/	/	<=38.45	Pass
CP-OFDM QPSK	834	Edge 1RB Left	20.65	/	/	17.38	/	/	<=38.45	Pass
		Edge 1RB Right	20.78	/	/	17.51	/	/	<=38.45	Pass
		Outer Full	20.69	/	/	17.42	/	/	<=38.45	Pass
		Inner Full	22.26	/	/	18.99	/	/	<=38.45	Pass
		Inner 1RB Left	22.23	/	/	18.96	/	/	<=38.45	Pass
		Inner 1RB Right	22.23	/	/	18.96	/	/	<=38.45	Pass
	836.5	Edge 1RB Left	20.83	/	/	17.56	/	/	<=38.45	Pass
		Edge 1RB Right	20.95	/	/	17.68	/	/	<=38.45	Pass
		Outer Full	20.80	/	/	17.53	/	/	<=38.45	Pass
		Inner Full	22.30	/	/	19.03	/	/	<=38.45	Pass
		Inner 1RB Left	22.36	/	/	19.09	/	/	<=38.45	Pass
		Inner 1RB Right	22.28	/	/	19.01	/	/	<=38.45	Pass
	839	Edge 1RB Left	20.82	/	/	17.55	/	/	<=38.45	Pass
		Edge 1RB Right	20.84	/	/	17.57	/	/	<=38.45	Pass
		Outer Full	20.79	/	/	17.52	/	/	<=38.45	Pass
		Inner Full	22.31	/	/	19.04	/	/	<=38.45	Pass
		Inner 1RB Left	22.25	/	/	18.98	/	/	<=38.45	Pass
		Inner 1RB Right	22.14	/	/	18.87	/	/	<=38.45	Pass
CP-OFDM 16 QAM	834	Edge 1RB Left	20.76	/	/	17.49	/	/	<=38.45	Pass
		Edge 1RB Right	21.05	/	/	17.78	/	/	<=38.45	Pass
		Outer Full	20.71	/	/	17.44	/	/	<=38.45	Pass
		Inner Full	21.72	/	/	18.45	/	/	<=38.45	Pass
		Inner 1RB Left	21.77	/	/	18.50	/	/	<=38.45	Pass
		Inner 1RB Right	21.70	/	/	18.43	/	/	<=38.45	Pass
	836.5	Edge 1RB Left	20.80	/	/	17.53	/	/	<=38.45	Pass
		Edge 1RB Right	21.04	/	/	17.77	/	/	<=38.45	Pass
		Outer Full	20.82	/	/	17.55	/	/	<=38.45	Pass
		Inner Full	21.76	/	/	18.49	/	/	<=38.45	Pass
		Inner 1RB Left	21.88	/	/	18.61	/	/	<=38.45	Pass
		Inner 1RB Right	21.84	/	/	18.57	/	/	<=38.45	Pass
	839	Edge 1RB Left	20.88	/	/	17.61	/	/	<=38.45	Pass
		Edge 1RB Right	21.06	/	/	17.79	/	/	<=38.45	Pass
		Outer Full	20.76	/	/	17.49	/	/	<=38.45	Pass
		Inner Full	21.75	/	/	18.48	/	/	<=38.45	Pass
		Inner 1RB Left	21.91	/	/	18.64	/	/	<=38.45	Pass
		Inner 1RB Right	21.84	/	/	18.57	/	/	<=38.45	Pass
CP-OFDM 64 QAM	834	Edge 1RB Left	20.38	/	/	17.11	/	/	<=38.45	Pass

		Edge 1RB Right	20.64	/	/	17.37	/	/	<=38.45	Pass
		Outer Full	20.13	/	/	16.86	/	/	<=38.45	Pass
		Inner Full	20.22	/	/	16.95	/	/	<=38.45	Pass
		Inner 1RB Left	20.54	/	/	17.27	/	/	<=38.45	Pass
		Inner 1RB Right	20.20	/	/	16.93	/	/	<=38.45	Pass
	836.5	Edge 1RB Left	20.48	/	/	17.21	/	/	<=38.45	Pass
		Edge 1RB Right	20.66	/	/	17.39	/	/	<=38.45	Pass
		Outer Full	20.25	/	/	16.98	/	/	<=38.45	Pass
		Inner Full	20.28	/	/	17.01	/	/	<=38.45	Pass
		Inner 1RB Left	20.68	/	/	17.41	/	/	<=38.45	Pass
	839	Inner 1RB Right	20.61	/	/	17.34	/	/	<=38.45	Pass
		Edge 1RB Left	20.48	/	/	17.21	/	/	<=38.45	Pass
		Edge 1RB Right	20.33	/	/	17.06	/	/	<=38.45	Pass
		Outer Full	20.20	/	/	16.93	/	/	<=38.45	Pass
		Inner Full	20.25	/	/	16.98	/	/	<=38.45	Pass
CP-OFDM 256 QAM	834	Inner 1RB Left	20.46	/	/	17.19	/	/	<=38.45	Pass
		Inner 1RB Right	20.37	/	/	17.10	/	/	<=38.45	Pass
		Edge 1RB Left	17.06	/	/	13.79	/	/	<=38.45	Pass
		Edge 1RB Right	17.15	/	/	13.88	/	/	<=38.45	Pass
		Outer Full	17.17	/	/	13.90	/	/	<=38.45	Pass
		Inner Full	17.19	/	/	13.92	/	/	<=38.45	Pass
	836.5	Inner 1RB Left	17.14	/	/	13.87	/	/	<=38.45	Pass
		Inner 1RB Right	17.07	/	/	13.80	/	/	<=38.45	Pass
		Edge 1RB Left	17.16	/	/	13.89	/	/	<=38.45	Pass
		Edge 1RB Right	17.23	/	/	13.96	/	/	<=38.45	Pass
		Outer Full	17.24	/	/	13.97	/	/	<=38.45	Pass
		Inner Full	17.24	/	/	13.97	/	/	<=38.45	Pass
	839	Inner 1RB Left	17.24	/	/	13.97	/	/	<=38.45	Pass
		Inner 1RB Right	17.23	/	/	13.96	/	/	<=38.45	Pass
		Edge 1RB Left	17.18	/	/	13.91	/	/	<=38.45	Pass
Edge 1RB Right		17.28	/	/	14.01	/	/	<=38.45	Pass	
Outer Full		17.25	/	/	13.98	/	/	<=38.45	Pass	
	Inner Full	17.21	/	/	13.94	/	/	<=38.45	Pass	
	Inner 1RB Left	17.24	/	/	13.97	/	/	<=38.45	Pass	
Note1: Antenna Gain: Ant1: -1.12dBi; 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	-7.70	-0.0092	>=-2.5 & <=2.5	Pass
				HV	-6.10	-0.0073	>=-2.5 & <=2.5	Pass
			-30	NV	-7.10	-0.0085	>=-2.5 & <=2.5	Pass
			-20	NV	-6.10	-0.0073	>=-2.5 & <=2.5	Pass
			-10	NV	-4.50	-0.0054	>=-2.5 & <=2.5	Pass
			0	NV	-6.10	-0.0073	>=-2.5 & <=2.5	Pass
			10	NV	-7.80	-0.0093	>=-2.5 & <=2.5	Pass
			20	NV	-8.50	-0.0102	>=-2.5 & <=2.5	Pass
			30	NV	-5.40	-0.0065	>=-2.5 & <=2.5	Pass

			40	NV	-6.50	-0.0078	>=-2.5 & <=2.5	Pass
			50	NV	-5.30	-0.0063	>=-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	4.55	5.01	/	Pass
DFT-s-OFDM 16 QAM	836.5	Outer_Full	4.53	4.99	/	Pass
DFT-s-OFDM 64 QAM	836.5	Outer_Full	4.53	5.00	/	Pass
DFT-s-OFDM 256 QAM	836.5	Outer_Full	4.52	5.02	/	Pass
CP-OFDM QPSK	836.5	Outer_Full	4.52	5.01	/	Pass
CP-OFDM 16 QAM	836.5	Outer_Full	4.52	5.00	/	Pass
CP-OFDM 64 QAM	836.5	Outer_Full	4.52	4.96	/	Pass
CP-OFDM 256 QAM	836.5	Outer_Full	4.52	4.99	/	Pass

3.1.2 15k_SISO_10MHz_NTNV

5G NR n5 SCS=15kHz SISO 10MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	836.5	Outer_Full	9.06	9.72	/	Pass
DFT-s-OFDM QPSK	836.5	Outer_Full	9.06	9.73	/	Pass
DFT-s-OFDM 16 QAM	836.5	Outer_Full	9.02	9.71	/	Pass
DFT-s-OFDM 64 QAM	836.5	Outer_Full	9.00	9.69	/	Pass
DFT-s-OFDM 256 QAM	836.5	Outer_Full	9.03	9.75	/	Pass
CP-OFDM QPSK	836.5	Outer_Full	9.41	10.13	/	Pass
CP-OFDM 16 QAM	836.5	Outer_Full	9.39	10.08	/	Pass
CP-OFDM 64 QAM	836.5	Outer_Full	9.36	10.06	/	Pass
CP-OFDM 256 QAM	836.5	Outer_Full	9.36	10.08	/	Pass

3.1.3 15k_SISO_15MHz_NTNV

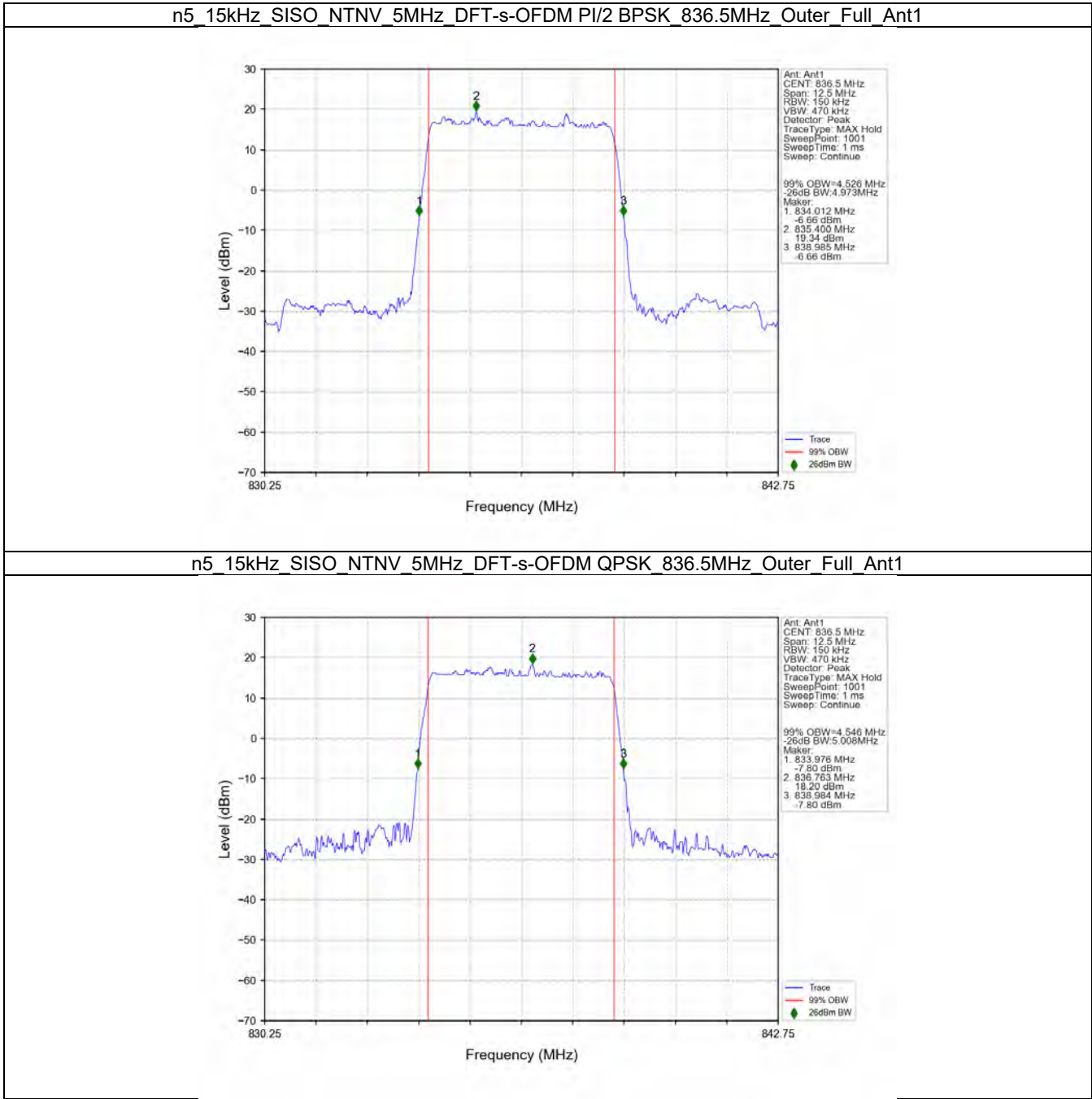
5G NR n5 SCS=15kHz SISO 15MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	836.5	Outer_Full	13.53	14.48	/	Pass
DFT-s-OFDM QPSK	836.5	Outer_Full	13.53	14.56	/	Pass
DFT-s-OFDM 16 QAM	836.5	Outer_Full	13.53	14.58	/	Pass
DFT-s-OFDM 64 QAM	836.5	Outer_Full	13.51	14.55	/	Pass
DFT-s-OFDM 256 QAM	836.5	Outer_Full	13.56	14.60	/	Pass
CP-OFDM QPSK	836.5	Outer_Full	14.23	15.23	/	Pass
CP-OFDM 16 QAM	836.5	Outer_Full	14.30	15.26	/	Pass
CP-OFDM 64 QAM	836.5	Outer_Full	14.26	15.27	/	Pass
CP-OFDM 256 QAM	836.5	Outer_Full	14.21	15.32	/	Pass

3.1.4 15k_SISO_20MHz_NTNV

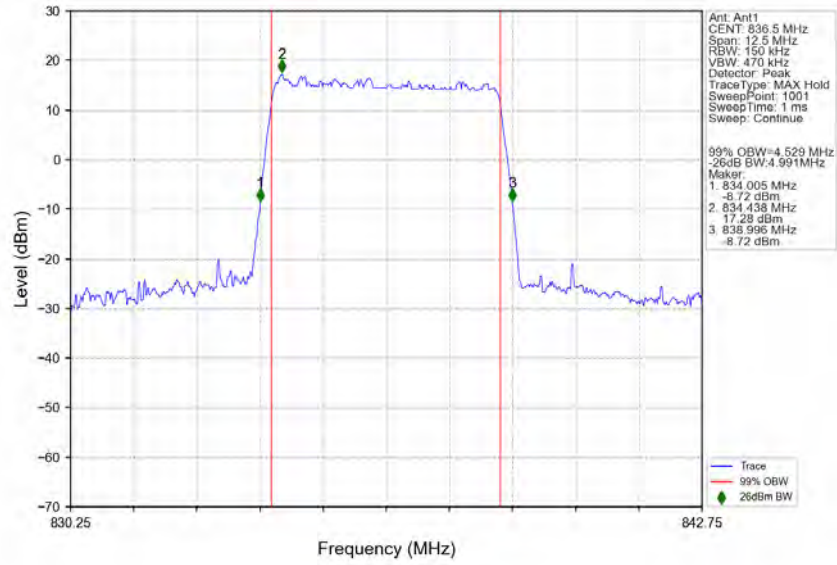
5G NR n5 SCS=15kHz SISO 20MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	836.5	Outer_Full	18.04	19.36	/	Pass
DFT-s-OFDM QPSK	836.5	Outer_Full	18.05	19.45	/	Pass
DFT-s-OFDM 16 QAM	836.5	Outer_Full	18.06	19.40	/	Pass
DFT-s-OFDM 64 QAM	836.5	Outer_Full	17.99	19.39	/	Pass
DFT-s-OFDM 256 QAM	836.5	Outer_Full	18.05	19.37	/	Pass
CP-OFDM QPSK	836.5	Outer_Full	19.04	20.43	/	Pass
CP-OFDM 16 QAM	836.5	Outer_Full	19.07	20.48	/	Pass
CP-OFDM 64 QAM	836.5	Outer_Full	19.08	20.51	/	Pass
CP-OFDM 256 QAM	836.5	Outer_Full	19.11	20.46	/	Pass

3.2 Test Graph

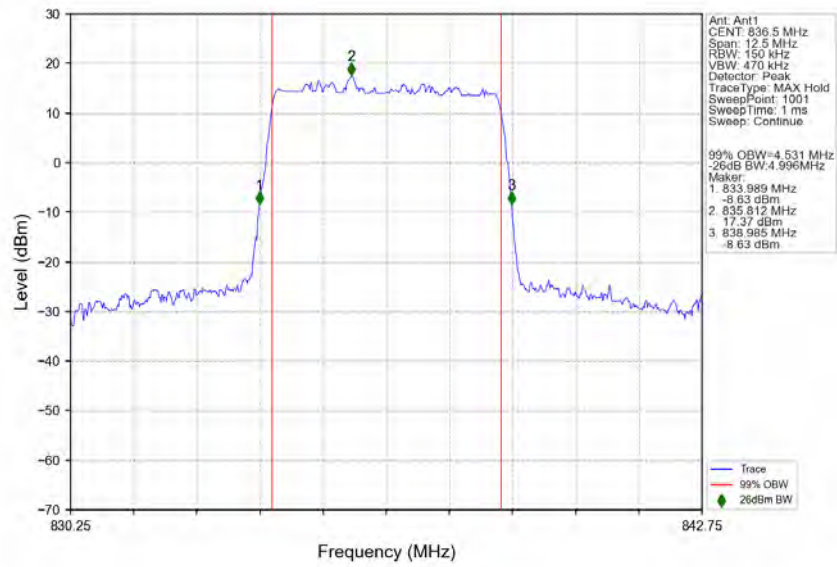
3.2.1 15k_SISO_5MHz_NTNV



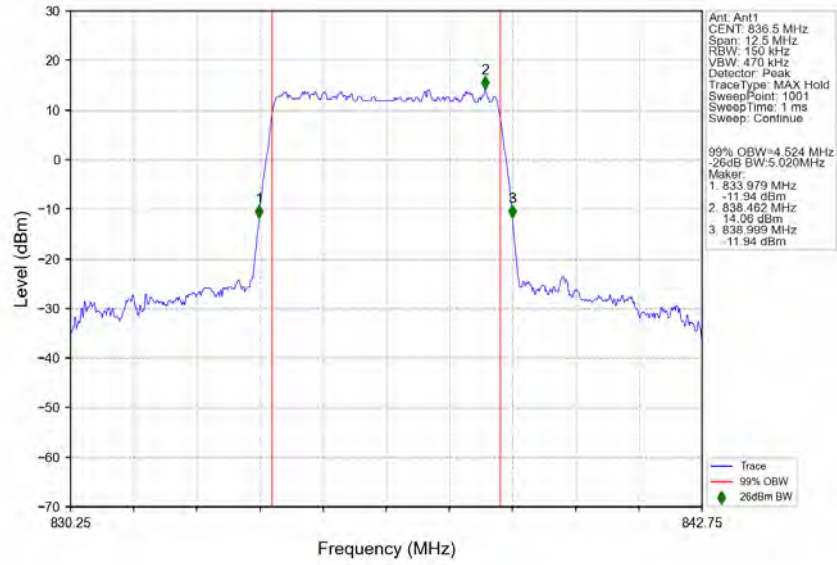
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_16_QAM_836.5MHz_Outer_Full_Ant1



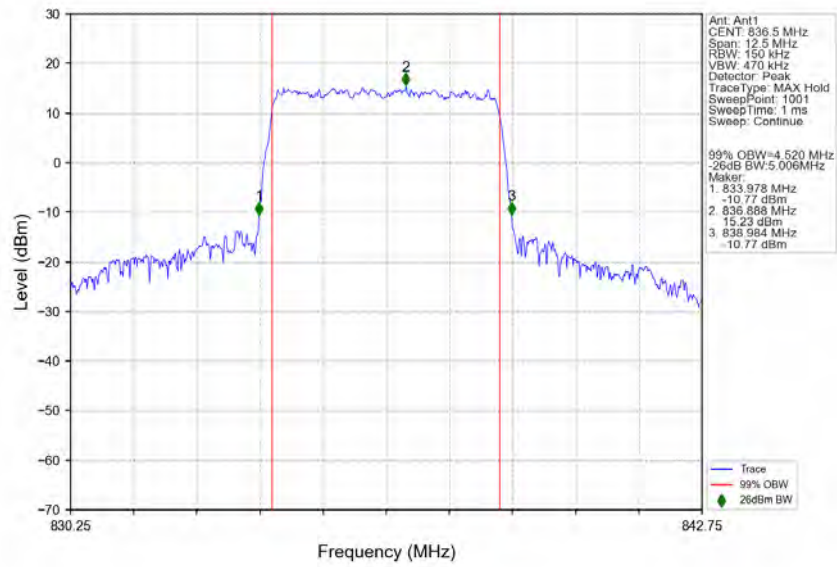
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_64_QAM_836.5MHz_Outer_Full_Ant1



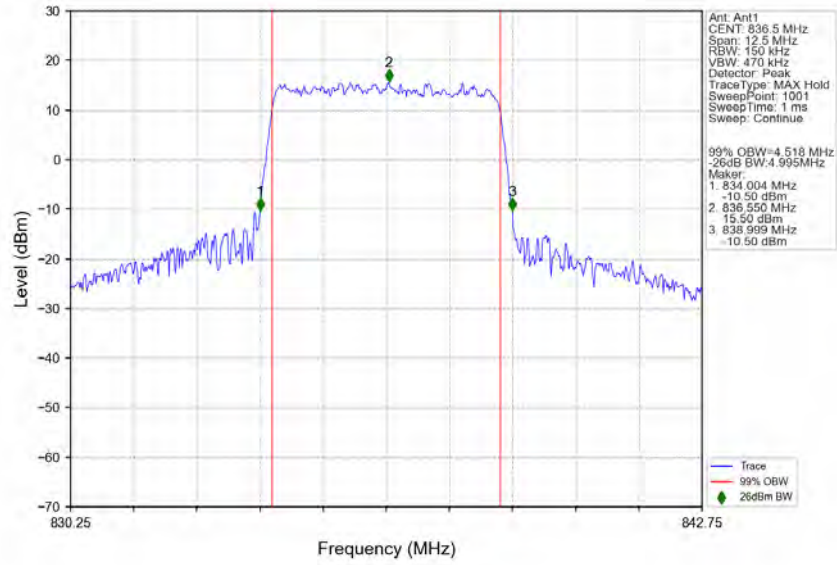
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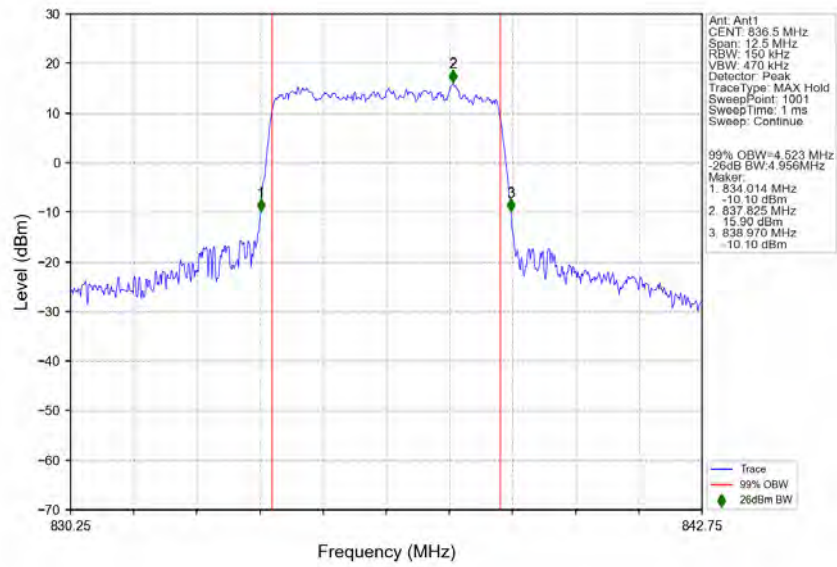
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK 836.5MHz_Outer_Full_Ant1



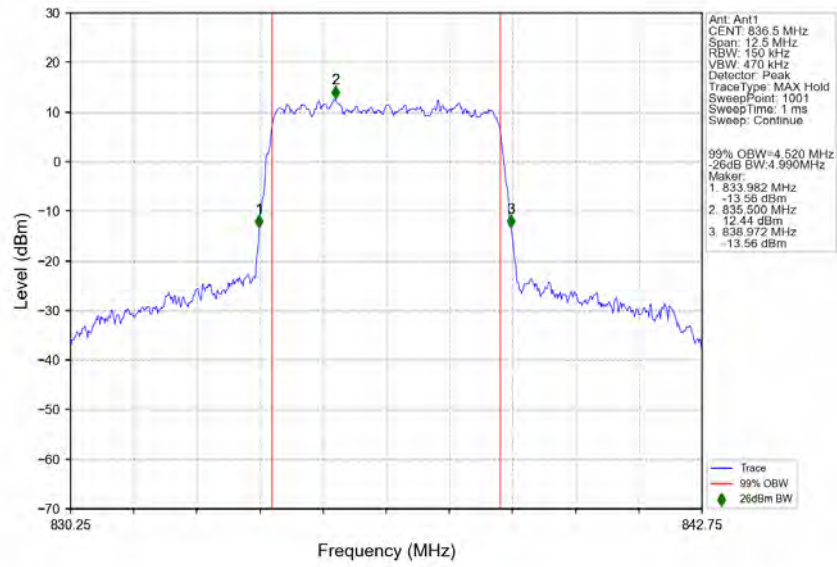
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM 16 QAM_836.5MHz_Outer_Full_Ant1



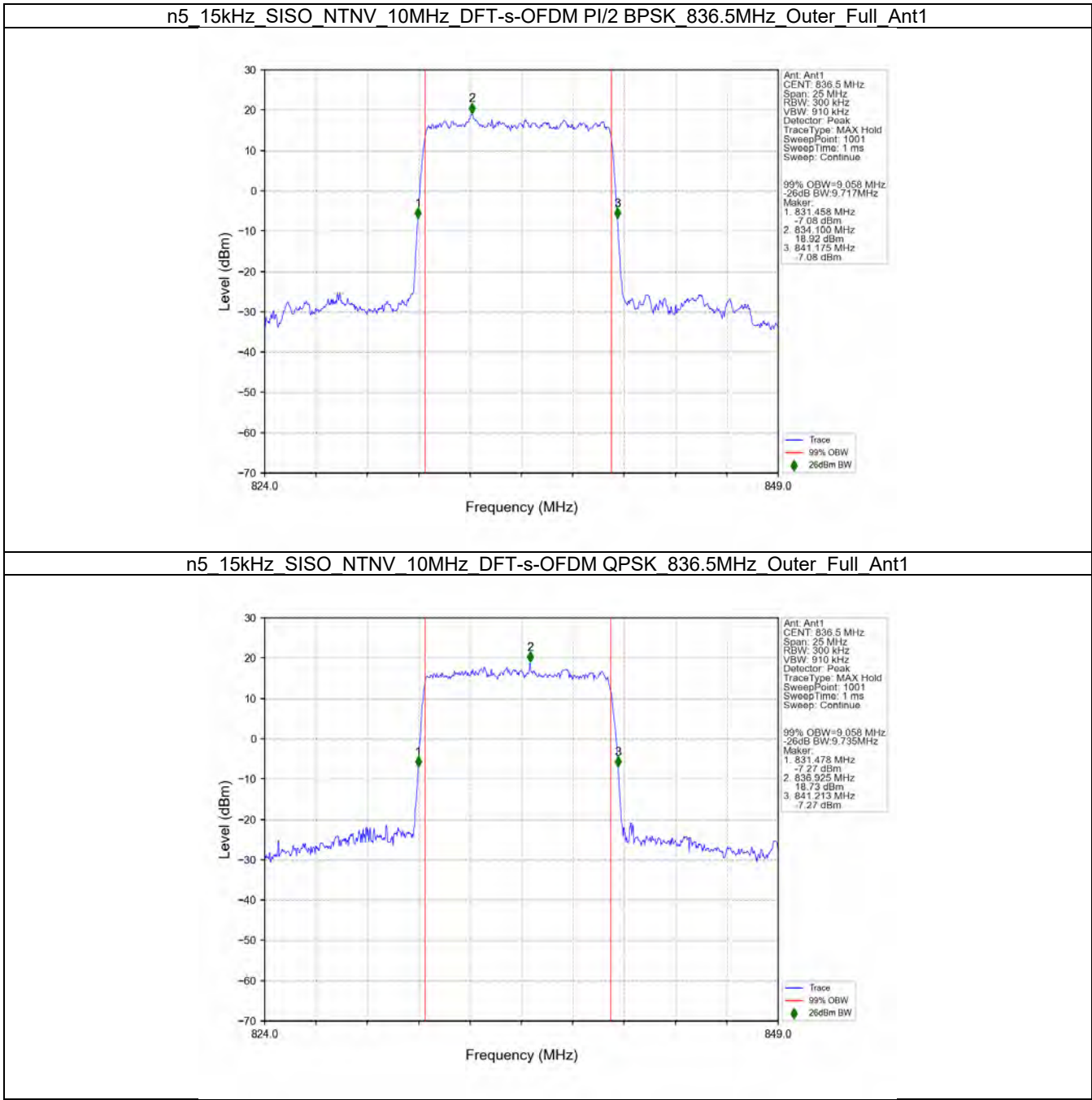
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM 64 QAM_836.5MHz_Outer_Full_Ant1



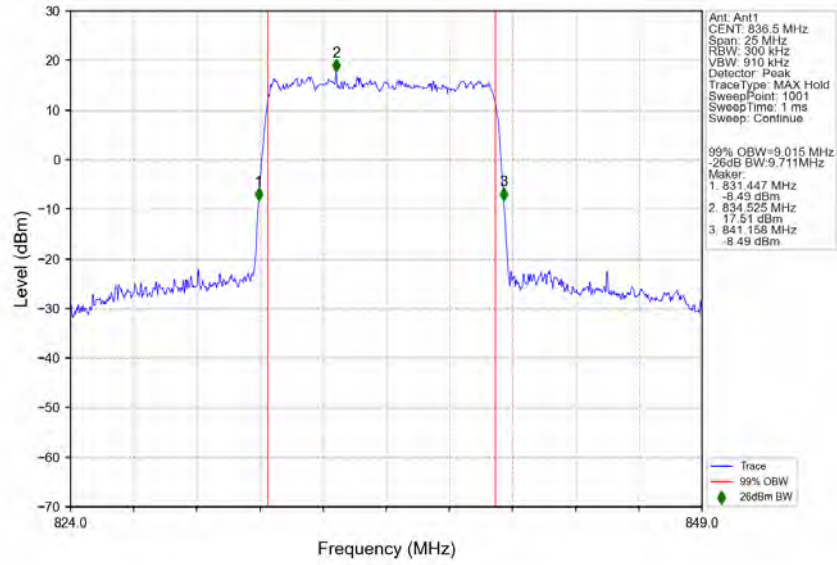
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM 256 QAM 836.5MHz_Outer_Full_Ant1



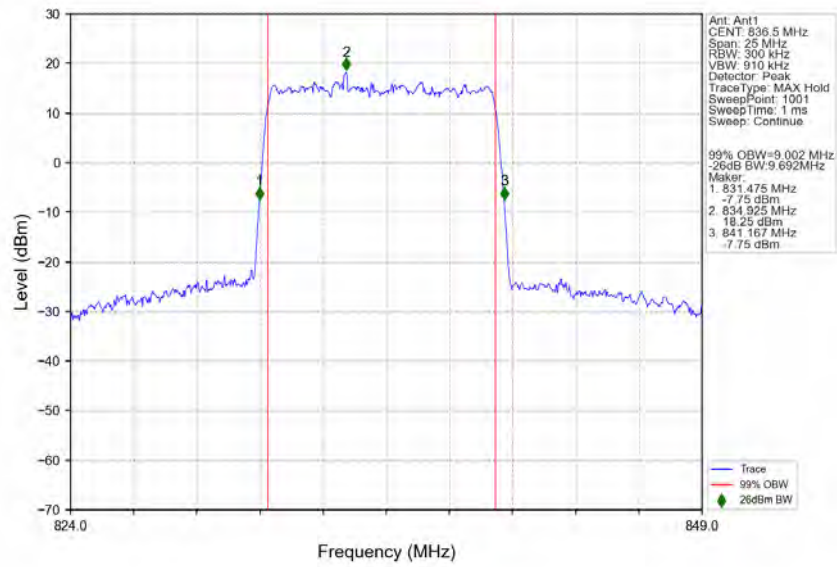
3.2.2 15k_SISO_10MHz_NTNV



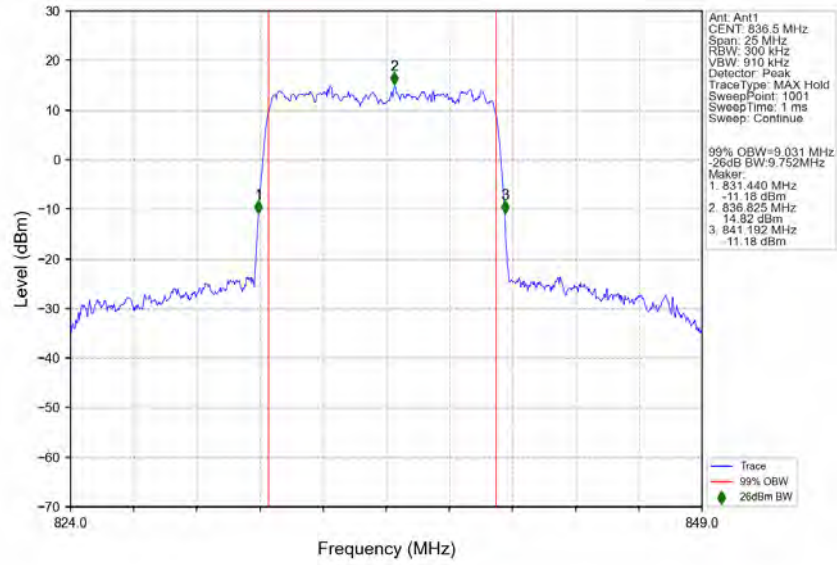
n5_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 16 QAM 836.5MHz_Outer_Full_Ant1



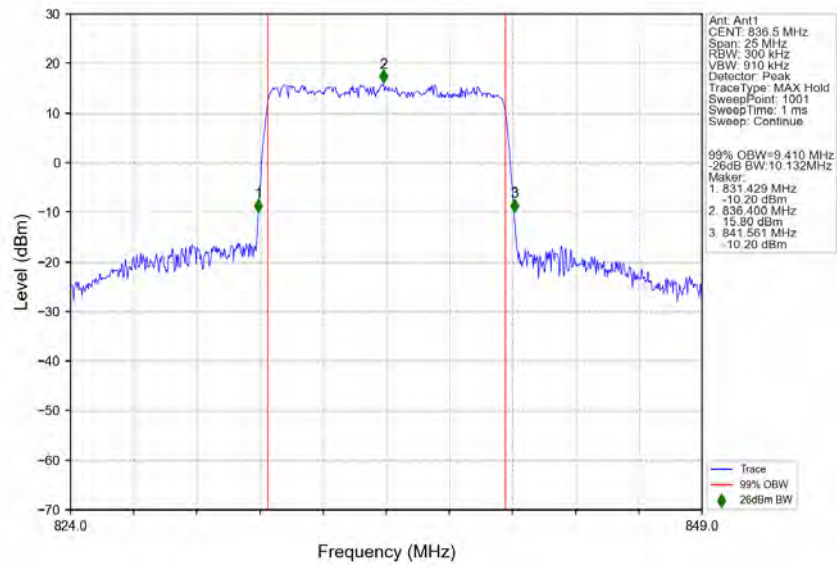
n5_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 64 QAM 836.5MHz_Outer_Full_Ant1



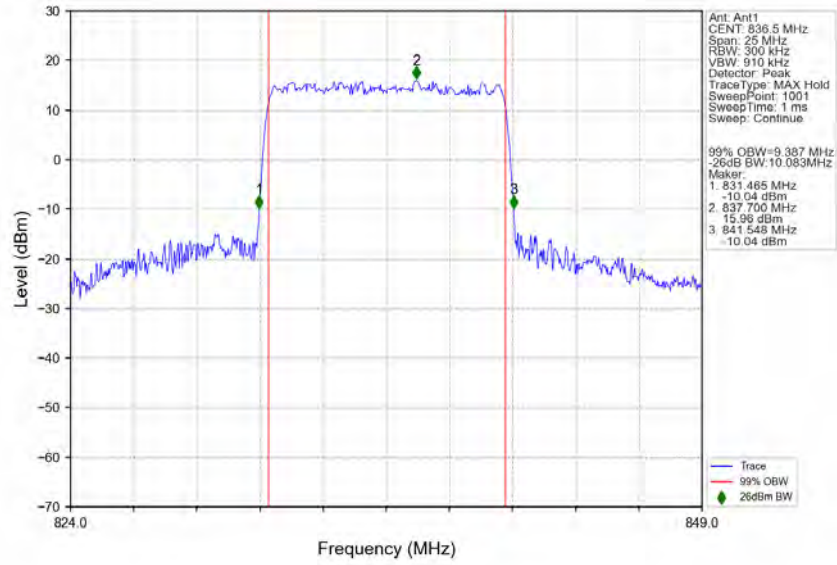
n5_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_256_QAM_836.5MHz_Outer_Full_Ant1



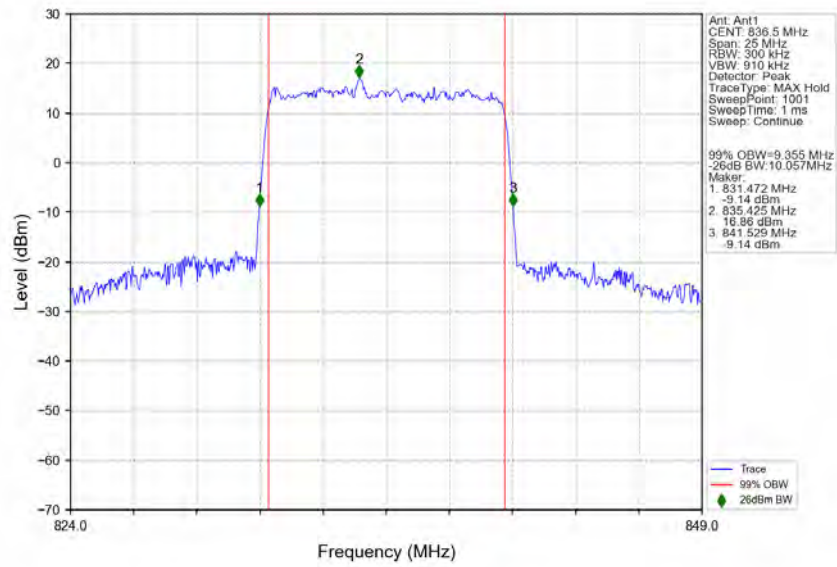
n5_15kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_836.5MHz_Outer_Full_Ant1



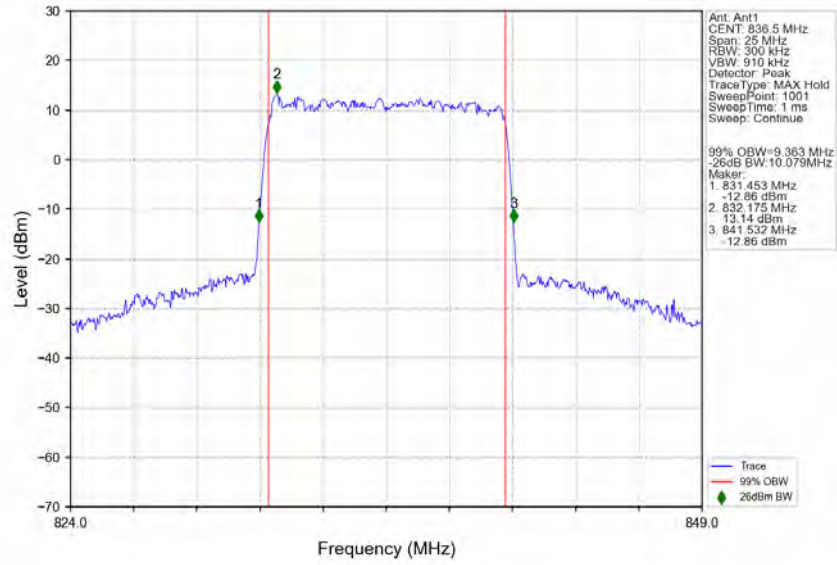
n5_15kHz_SISO_NTNV_10MHz_CP-OFDM 16 QAM 836.5MHz_Outer_Full_Ant1



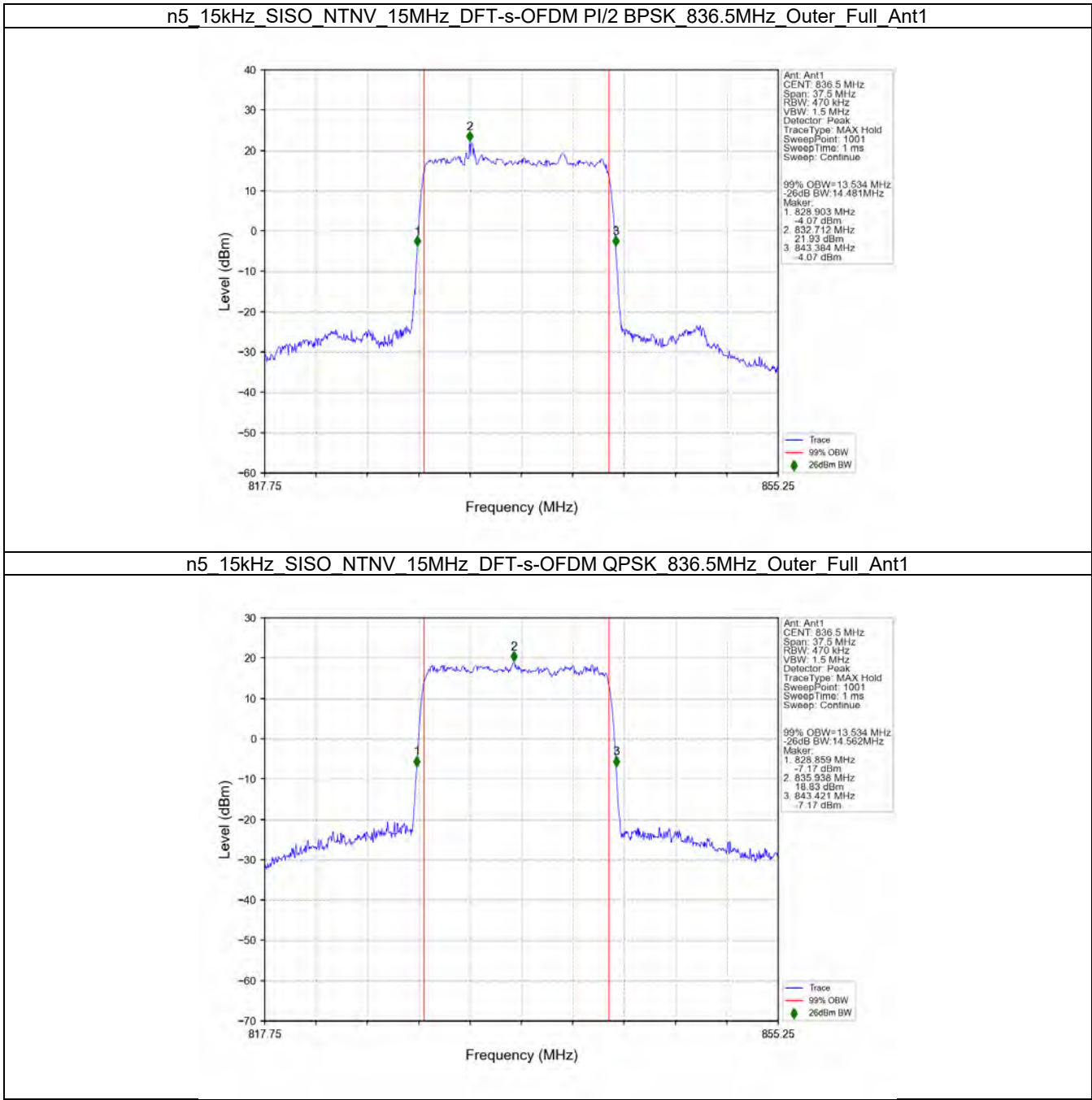
n5_15kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM 836.5MHz_Outer_Full_Ant1



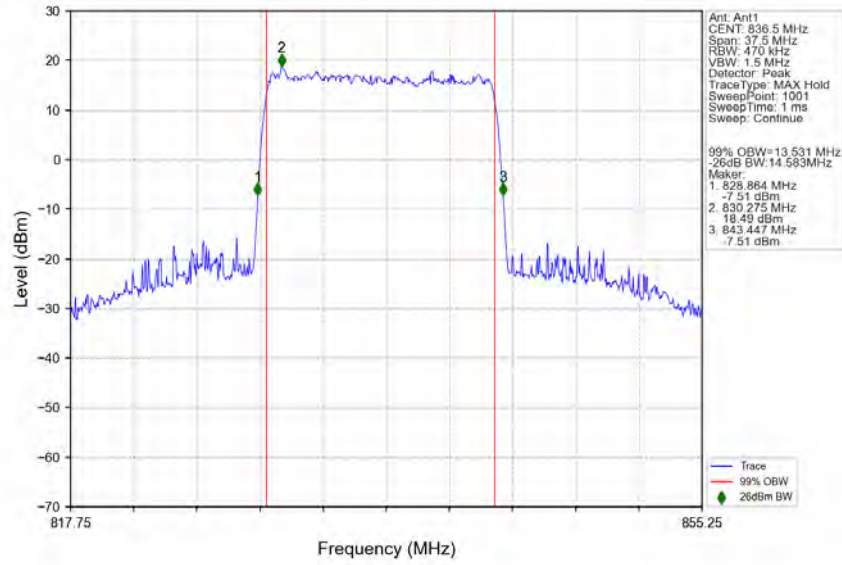
n5_15kHz_SISO_NTNV_10MHz_CP-OFDM_256_QAM_836.5MHz_Outer_Full_Ant1



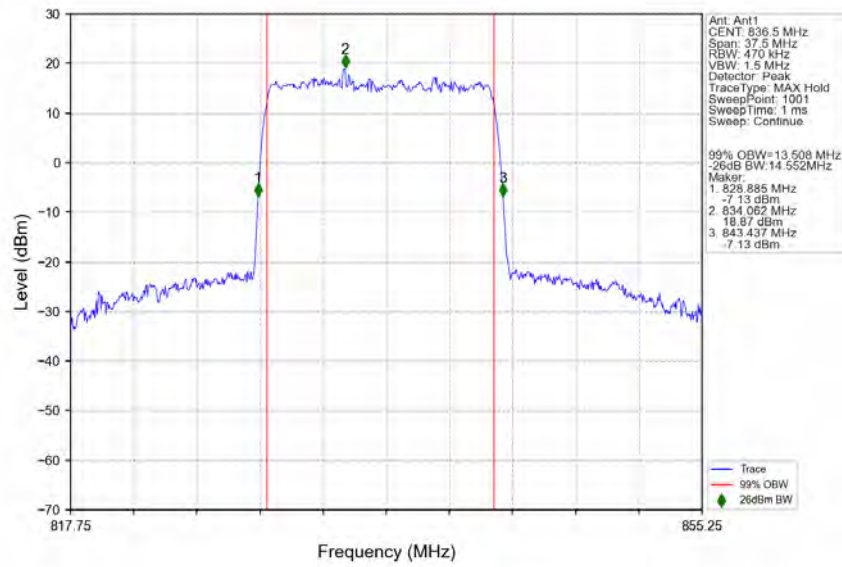
3.2.3 15k_SISO_15MHz_NTNV



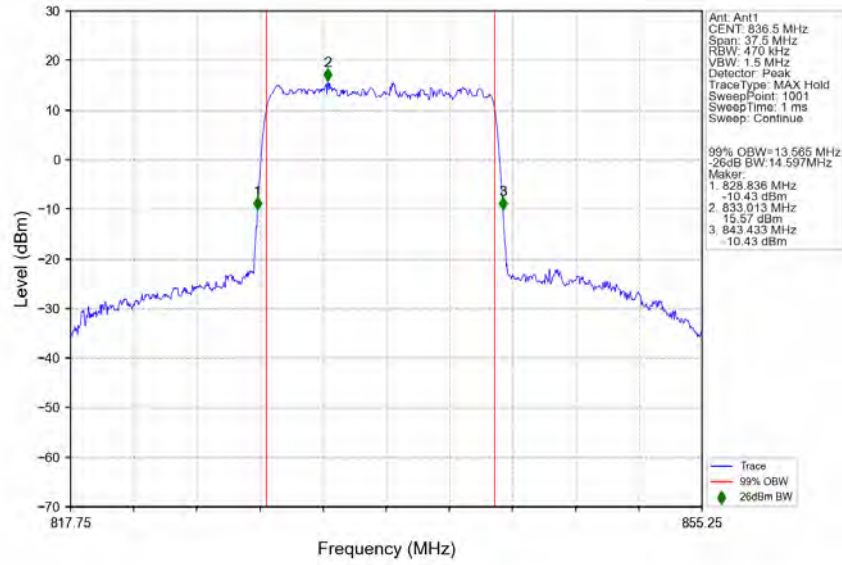
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 16 QAM 836.5MHz_Outer_Full_Ant1



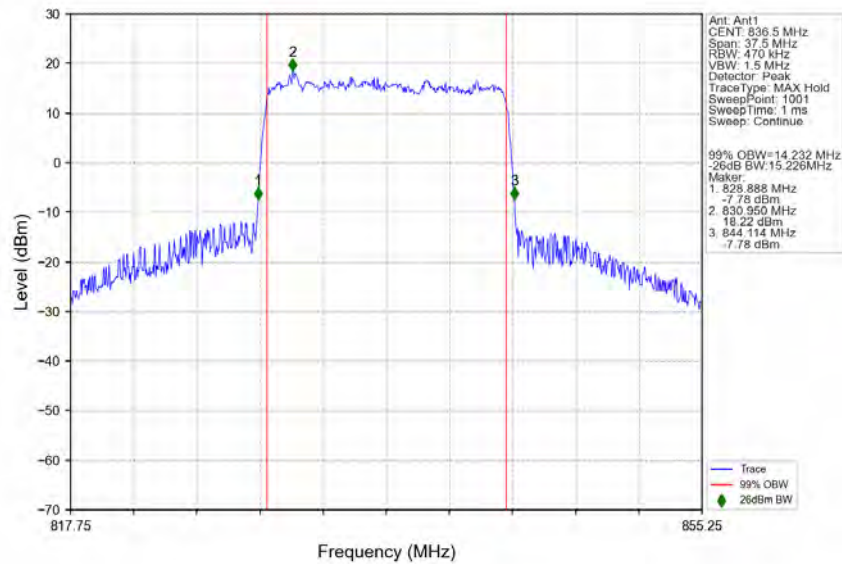
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 64 QAM 836.5MHz_Outer_Full_Ant1



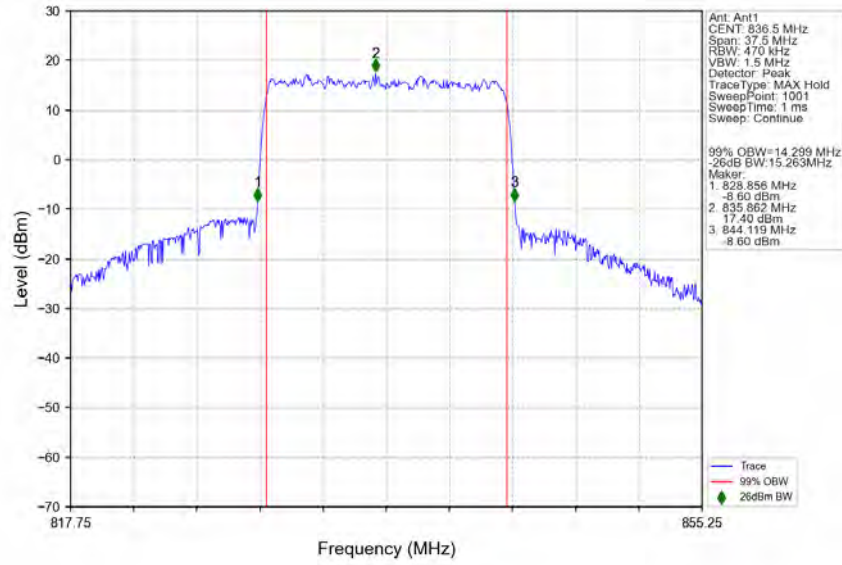
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_256_QAM_836.5MHz_Outer_Full_Ant1



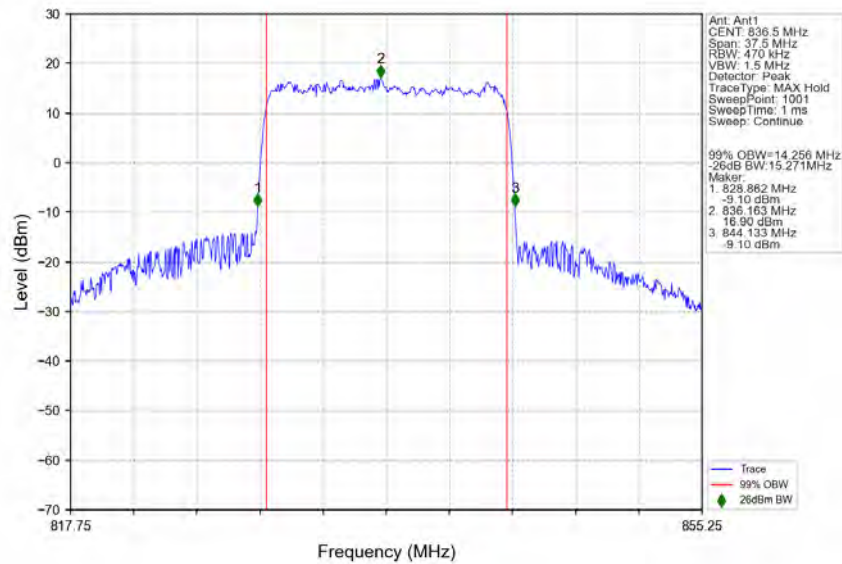
n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_836.5MHz_Outer_Full_Ant1



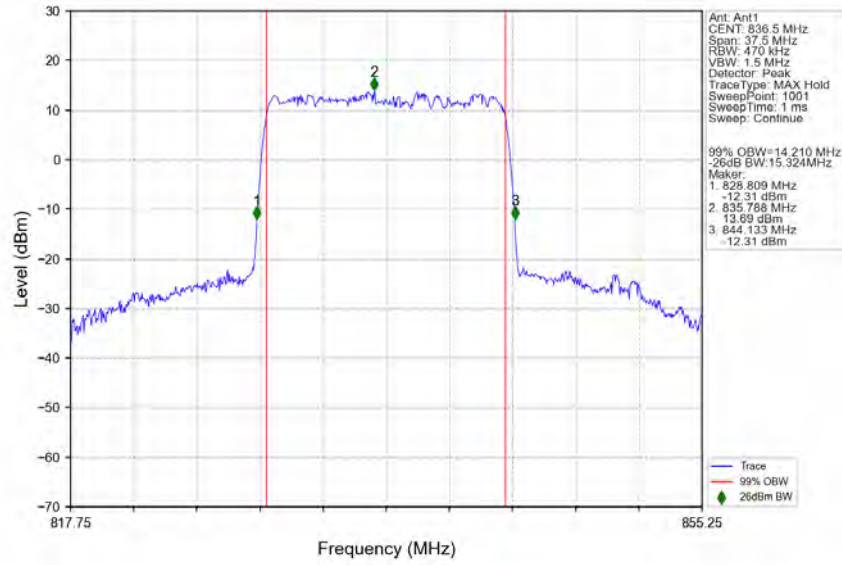
n5_15kHz_SISO_NTNV_15MHz_CP-OFDM 16 QAM 836.5MHz_Outer_Full_Ant1



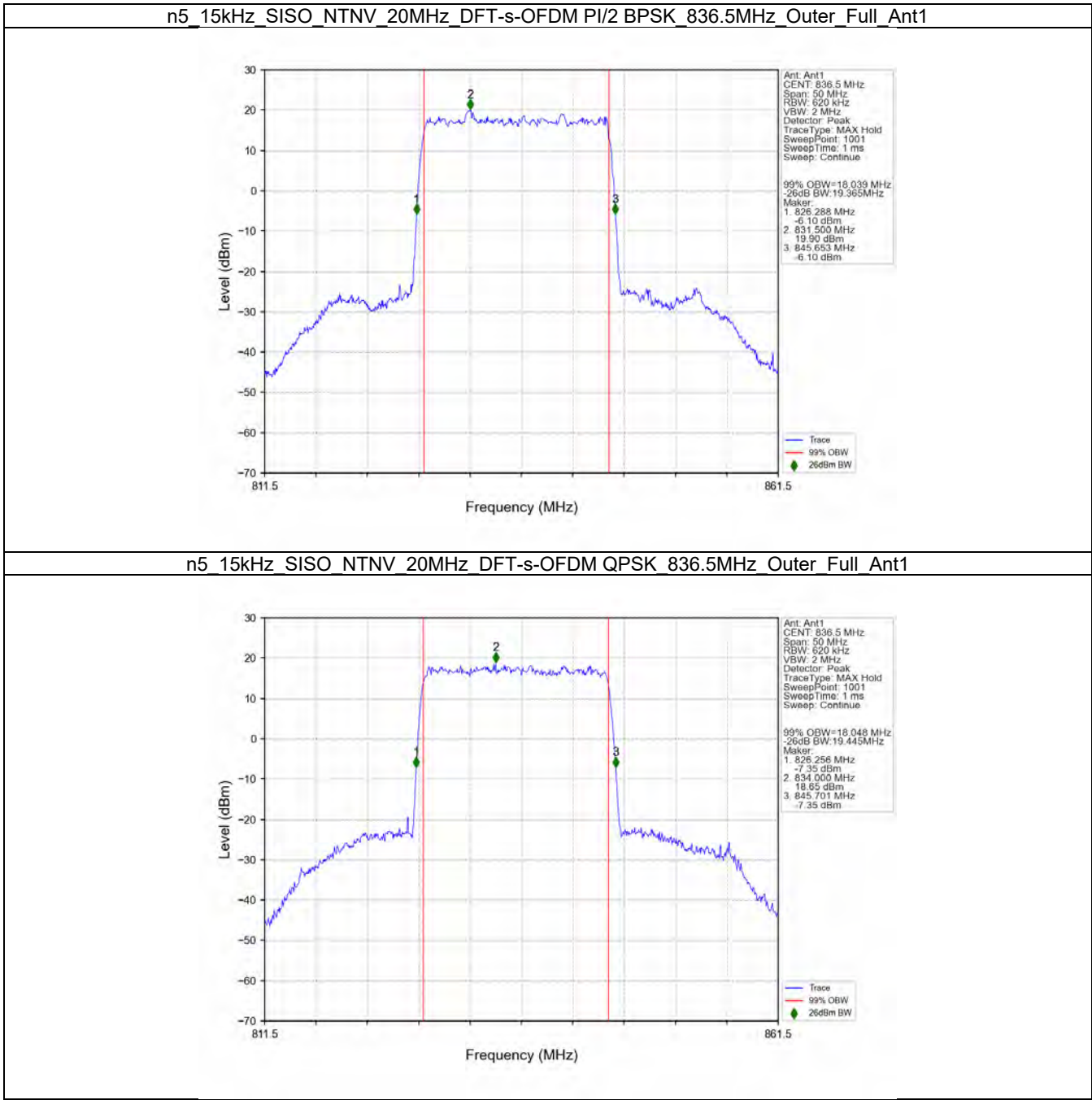
n5_15kHz_SISO_NTNV_15MHz_CP-OFDM 64 QAM 836.5MHz_Outer_Full_Ant1



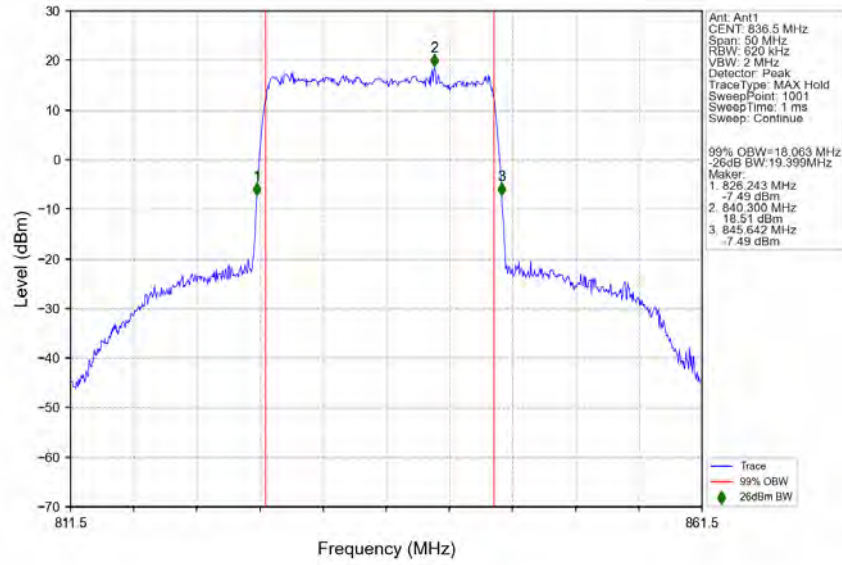
n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_256_QAM_836.5MHz_Outer_Full_Ant1



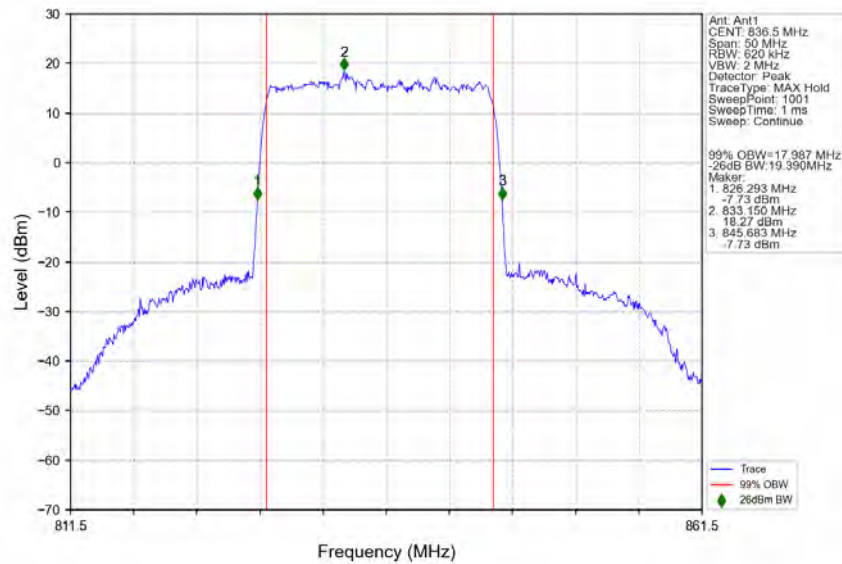
3.2.4 15k_SISO_20MHz_NTNV



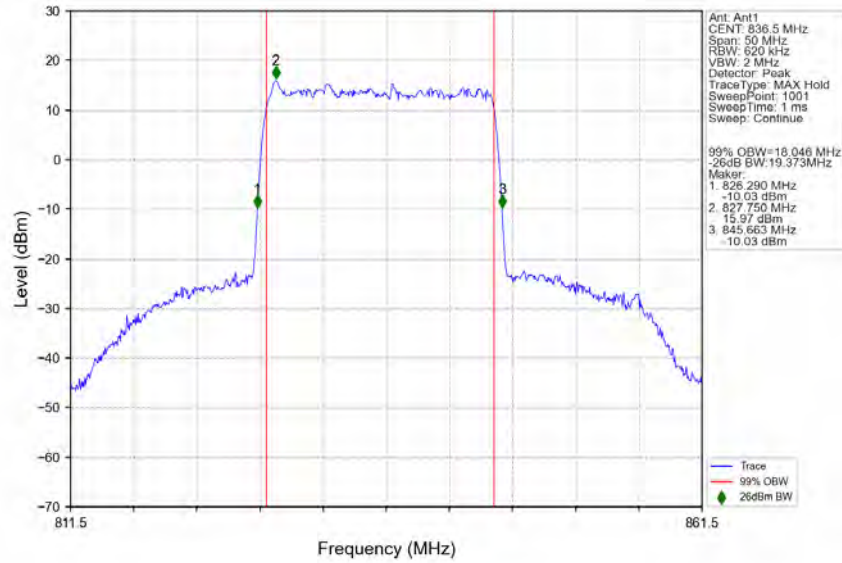
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 16 QAM 836.5MHz_Outer_Full_Ant1



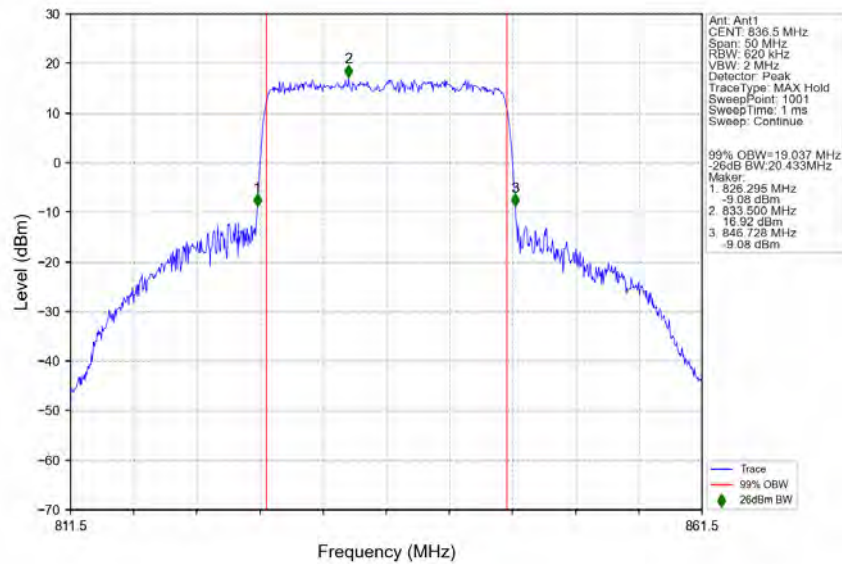
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 64 QAM 836.5MHz_Outer_Full_Ant1



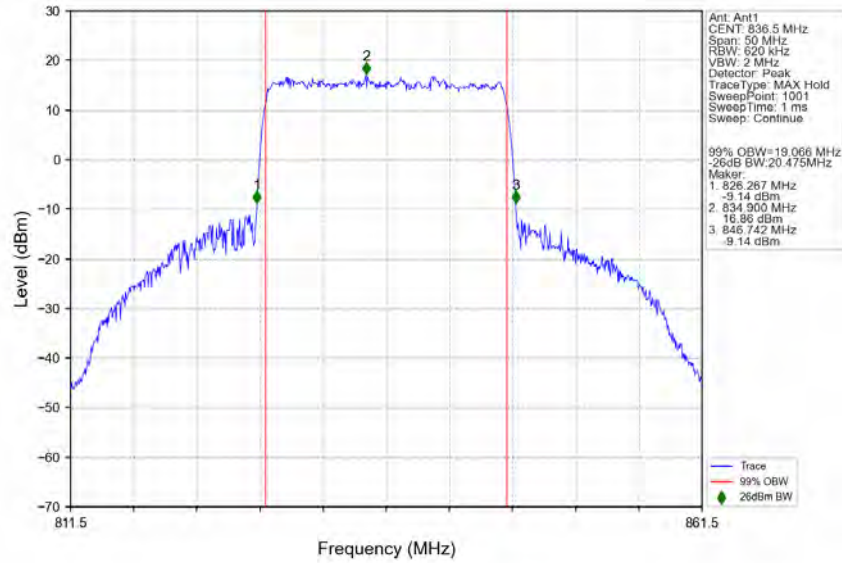
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_256_QAM_836.5MHz_Outer_Full_Ant1



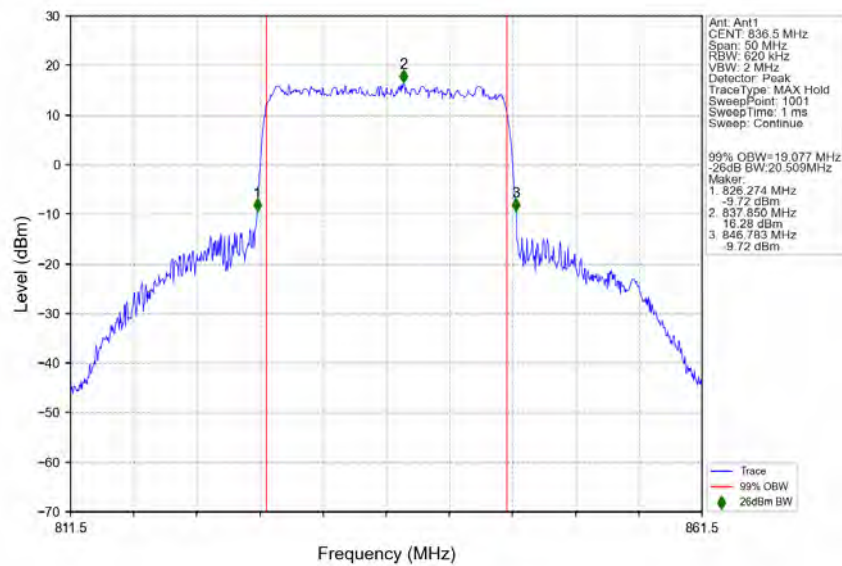
n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_836.5MHz_Outer_Full_Ant1



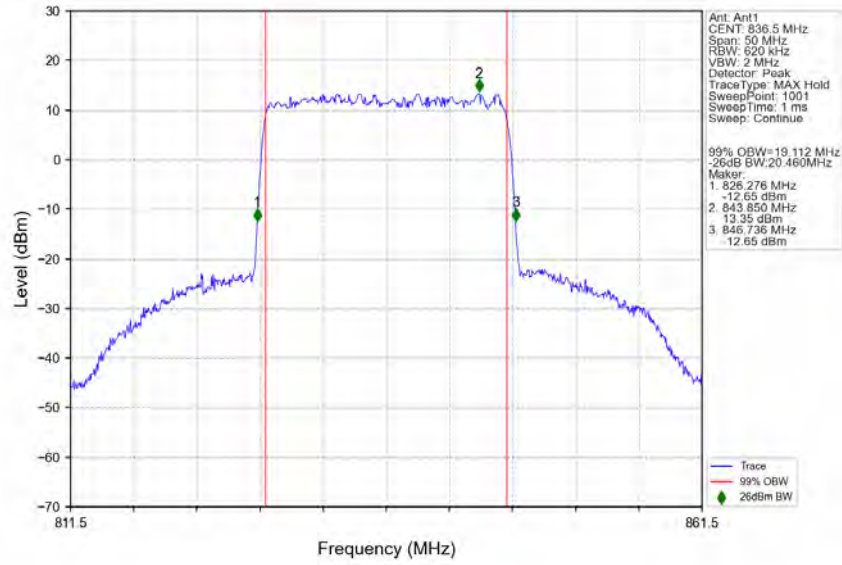
n5_15kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM 836.5MHz_Outer_Full_Ant1



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

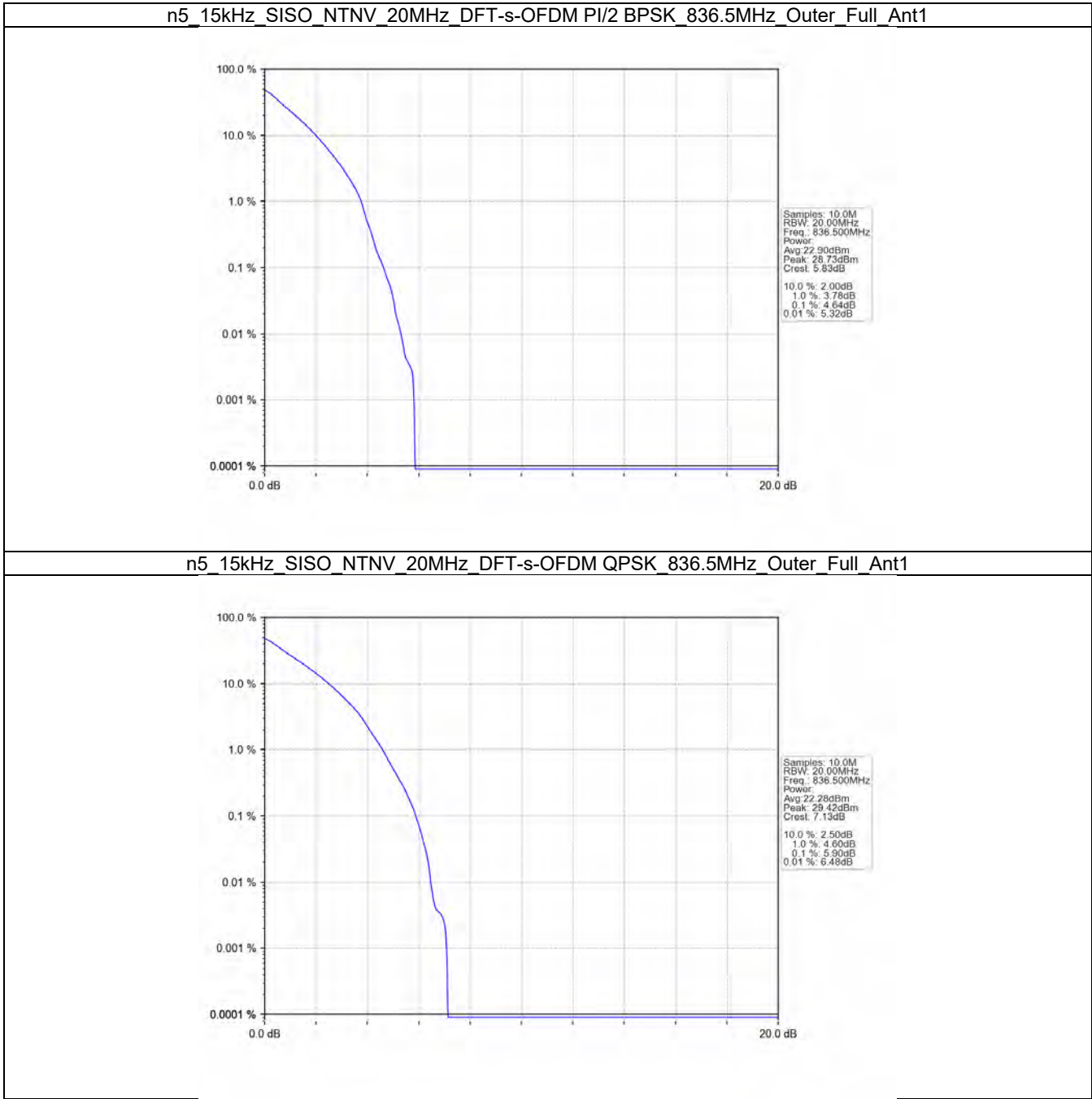
4.1 Test Result

4.1.1 15k_SISO_20MHz_NTNV

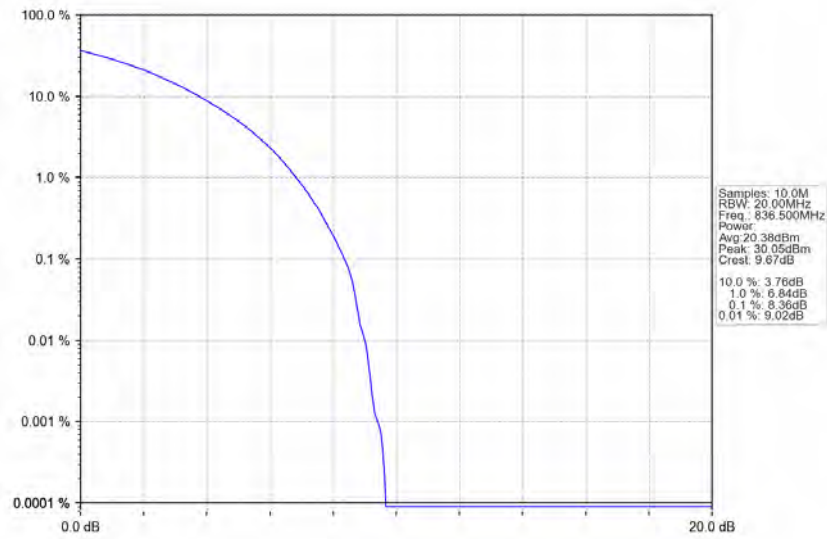
5G NR n5 SCS=15kHz SISO 20MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	836.5	Outer_Full	4.64	/	/	<=13	Pass
DFT-s-OFDM QPSK	836.5	Outer_Full	5.90	/	/	<=13	Pass
CP-OFDM QPSK	836.5	Outer_Full	8.36	/	/	<=13	Pass

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

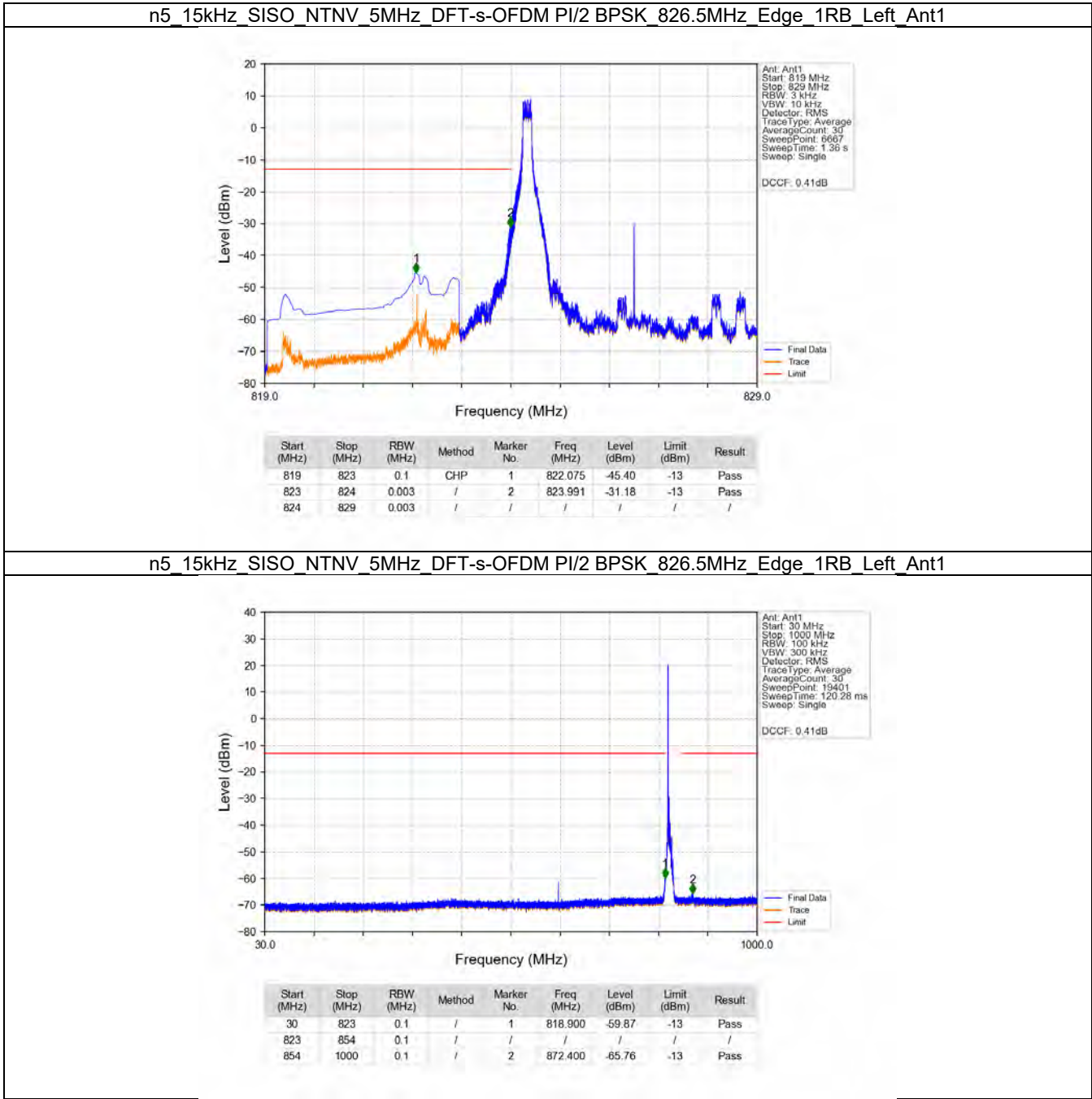
5.1.3 15k_SISO_20MHz_NTNV

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

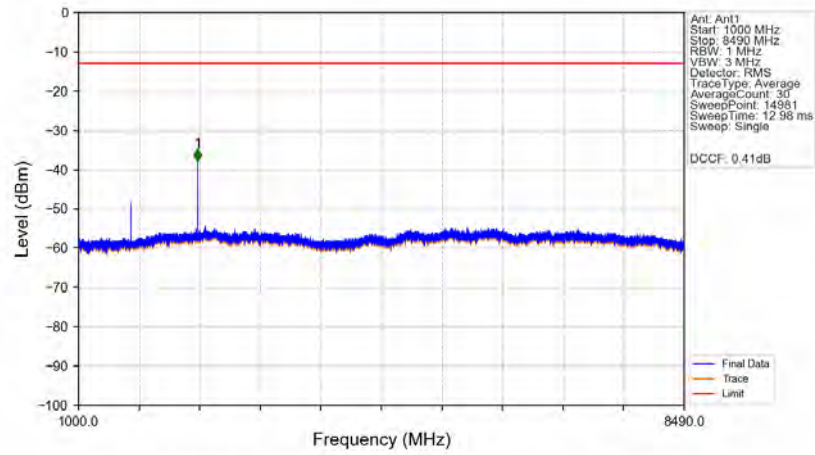
		Outer_Full	Refer To Test Graph	Pass
	836.5	Edge_1RB_Left	Refer To Test Graph	Pass
	839	Edge_1RB_Right	Refer To Test Graph	Pass
		Outer_Full	Refer To Test Graph	Pass
DFT-s-OFDM QPSK	834	Edge_1RB_Left	Refer To Test Graph	Pass
		Outer_Full	Refer To Test Graph	Pass
	836.5	Edge_1RB_Left	Refer To Test Graph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

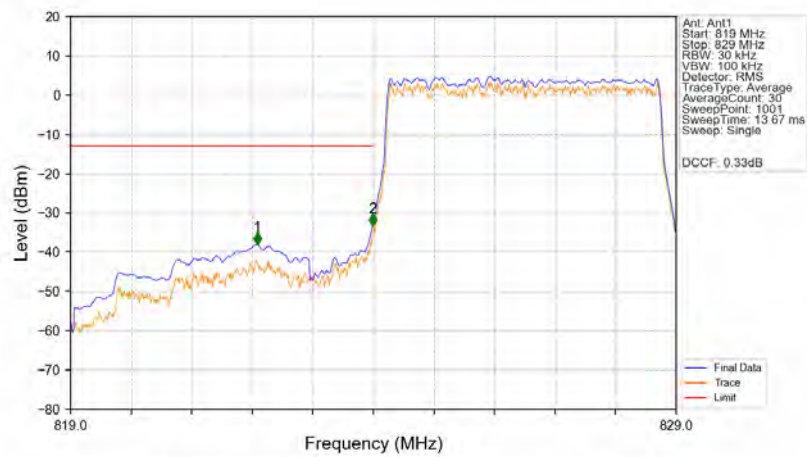
5.2.1 15k_SISO_5MHz_NTNV



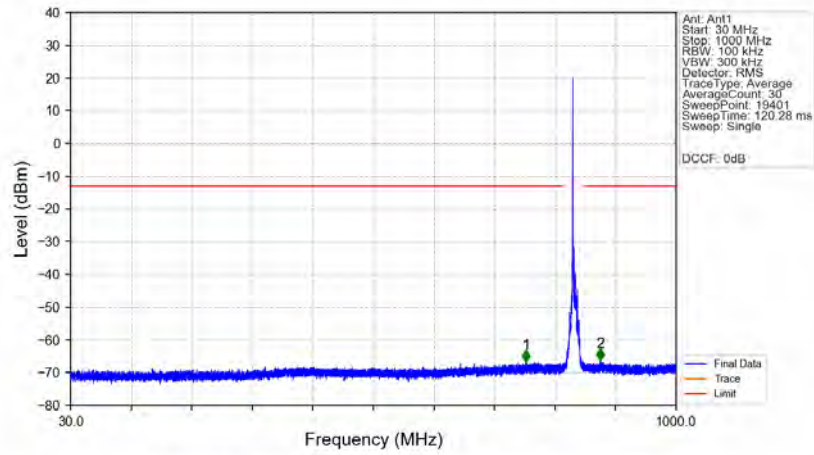
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_826.5MHz_Edge_1RB_Left_Ant1



n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_826.5MHz_Outer_Full_Ant1

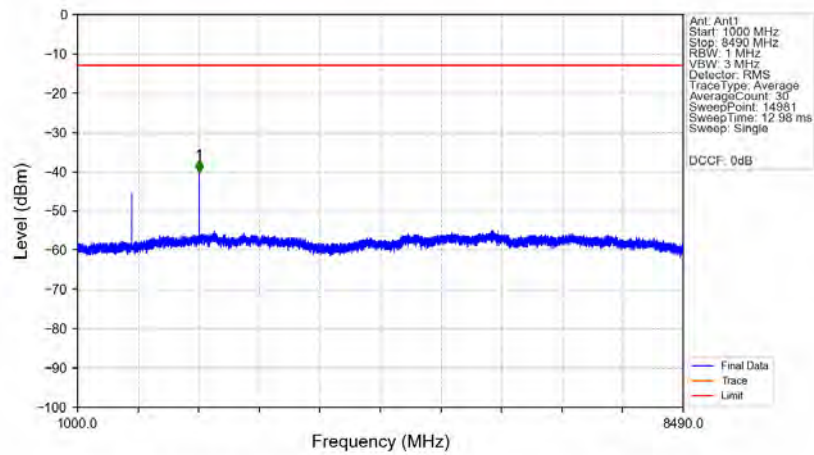


n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_836.5MHz_Edge_1RB_Left_Ant1



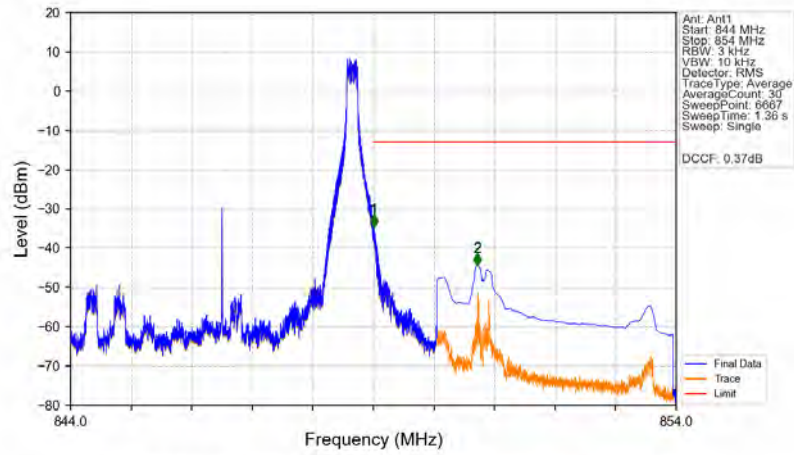
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	759.350	-66.85	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	878.550	-66.48	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_836.5MHz_Edge_1RB_Left_Ant1



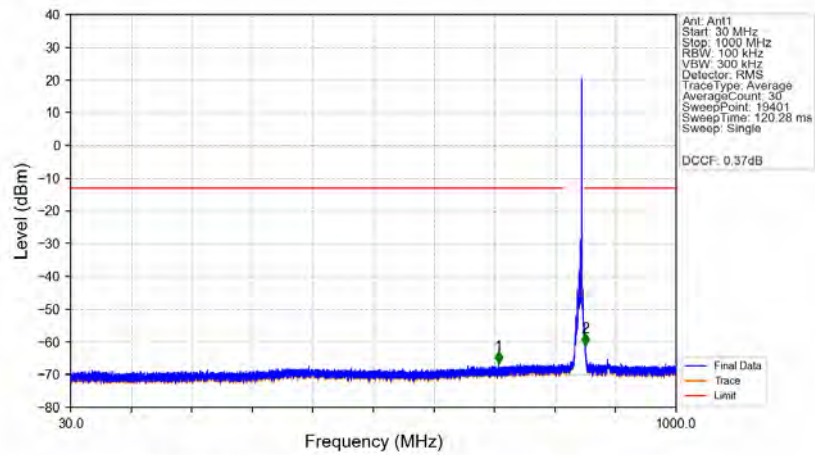
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	2503.000	-40.17	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_846.5MHz_Edge_1RB_Right_Ant1



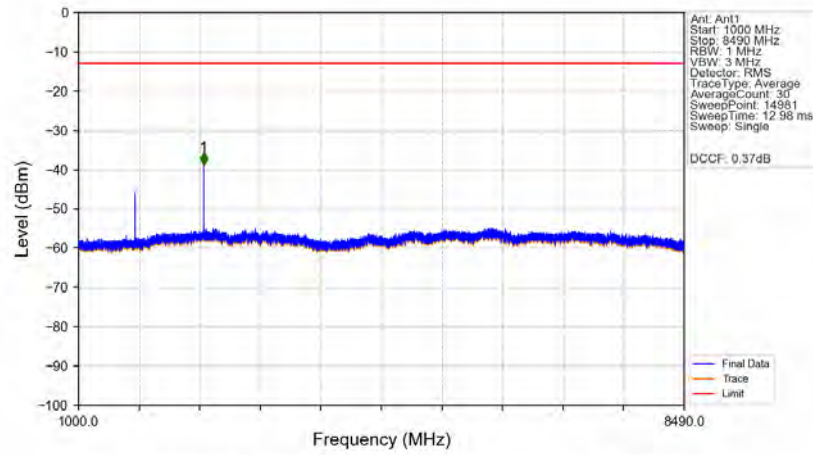
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.009	-34.57	-13	Pass
850	854	0.1	CHP	2	850.716	-44.35	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_846.5MHz_Edge_1RB_Right_Ant1

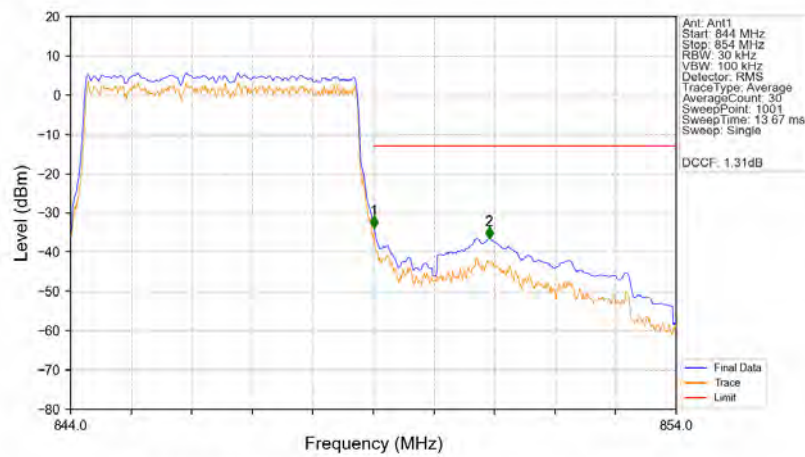


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	715.250	-66.57	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	854.100	-61.23	-13	Pass

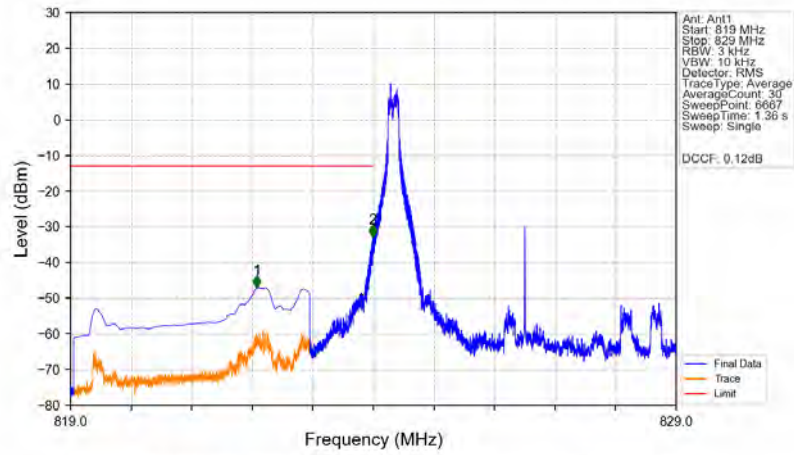
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_846.5MHz_Edge_1RB_Right_Ant1



n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_846.5MHz_Outer_Full_Ant1

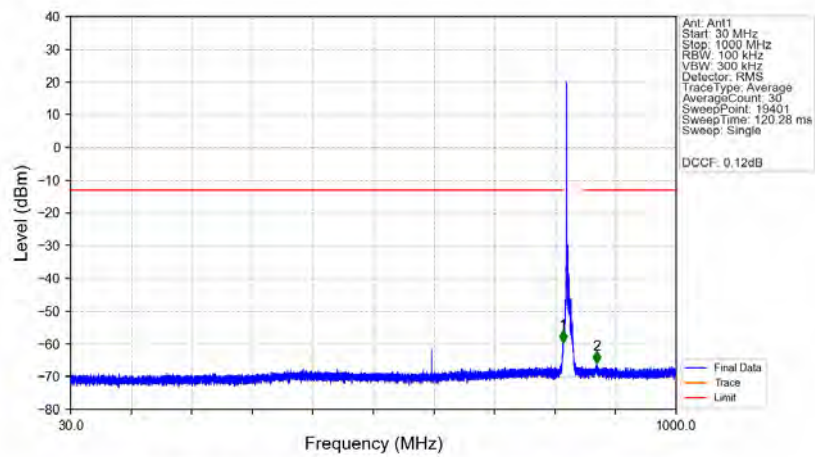


n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_826.5MHz_Edge_1RB_Left_Ant1



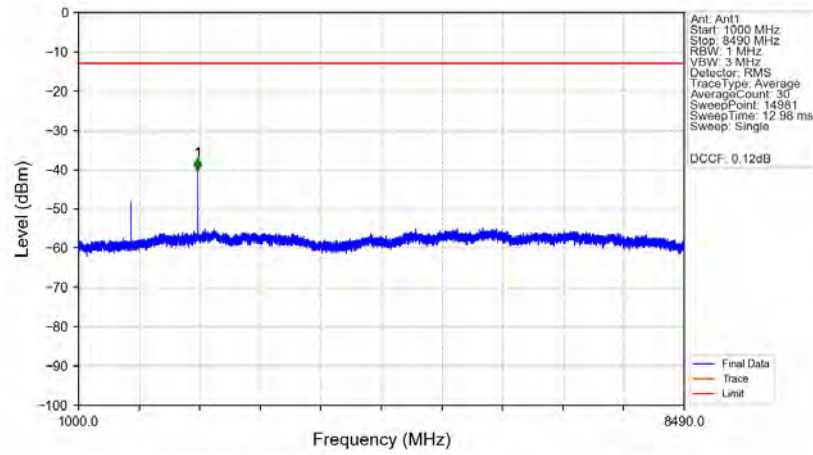
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.078	-47.00	-13	Pass
823	824	0.003	/	2	823.989	-32.76	-13	Pass
824	829	0.003	/	/	/	/	/	/

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_826.5MHz_Edge_1RB_Left_Ant1



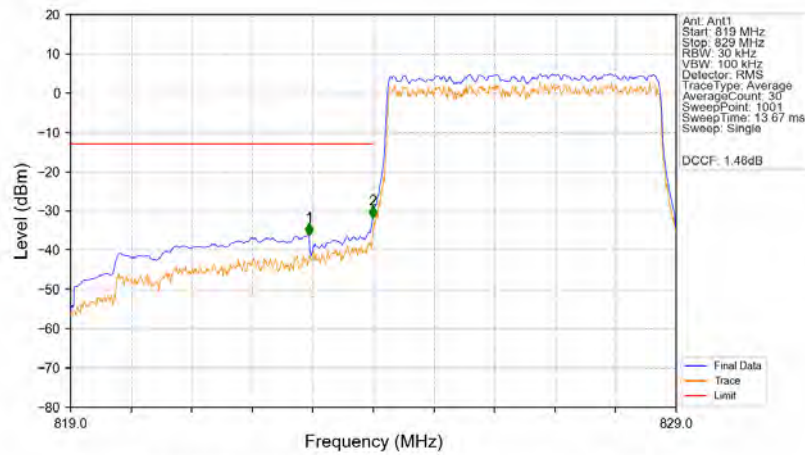
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.900	-59.63	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	873.200	-66.05	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK 826.5MHz_Edge_1RB_Left_Ant1



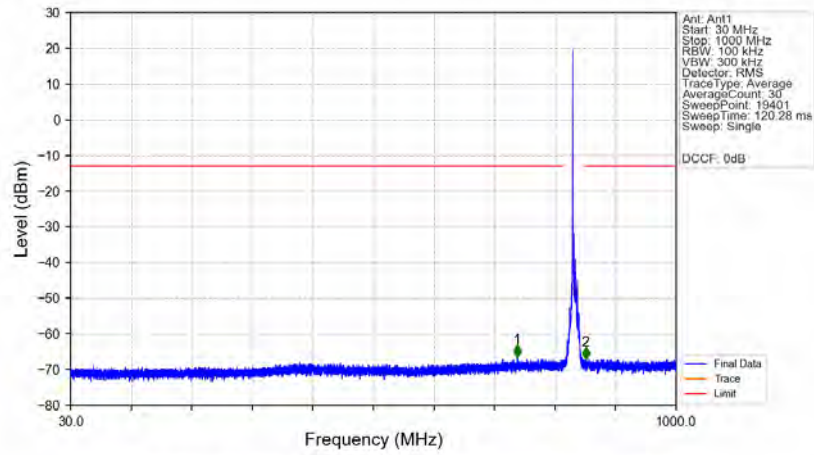
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	2473.000	-40.20	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK 826.5MHz_Outer_Full_Ant1



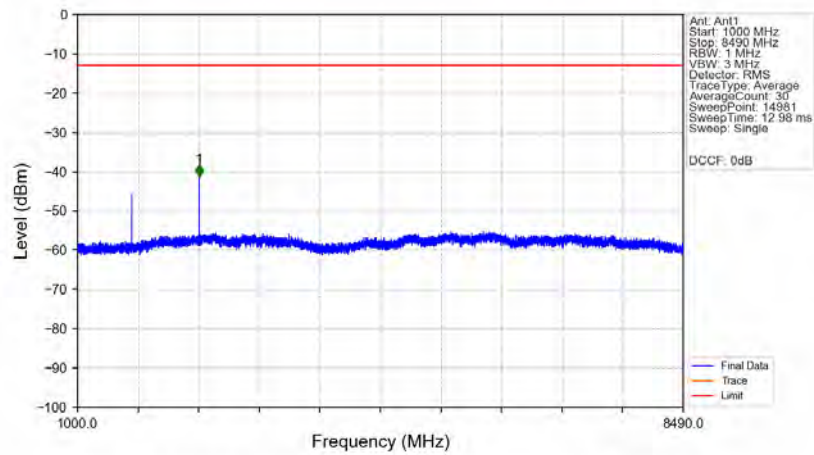
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.940	-36.29	-13	Pass
823	824	0.04956	CHP	2	823.990	-31.78	-13	Pass
824	829	0.04956	CHP	/	/	/	/	/

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant1



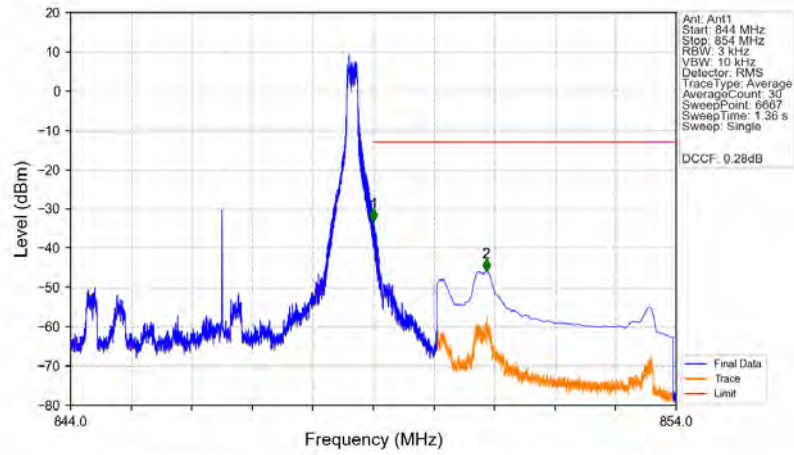
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	745.500	-66.52	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	855.100	-67.12	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant1



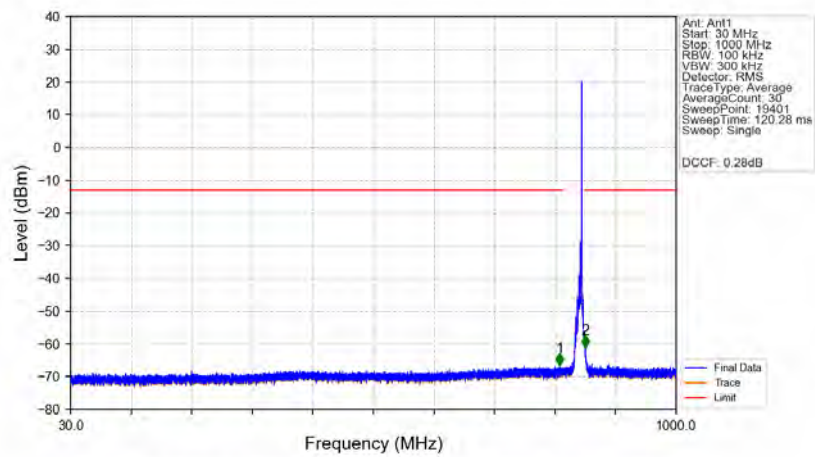
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	2503.000	-41.26	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_846.5MHz_Edge_1RB_Right_Ant1



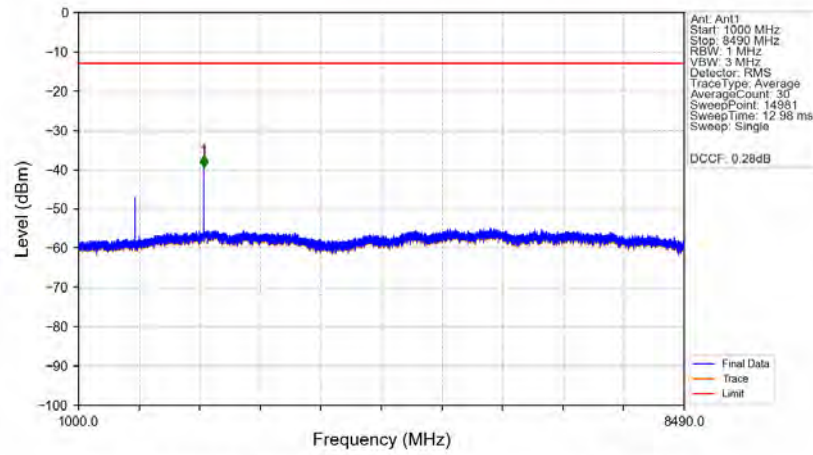
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.005	-33.05	-13	Pass
850	854	0.1	CHP	2	850.863	-45.84	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_846.5MHz_Edge_1RB_Right_Ant1



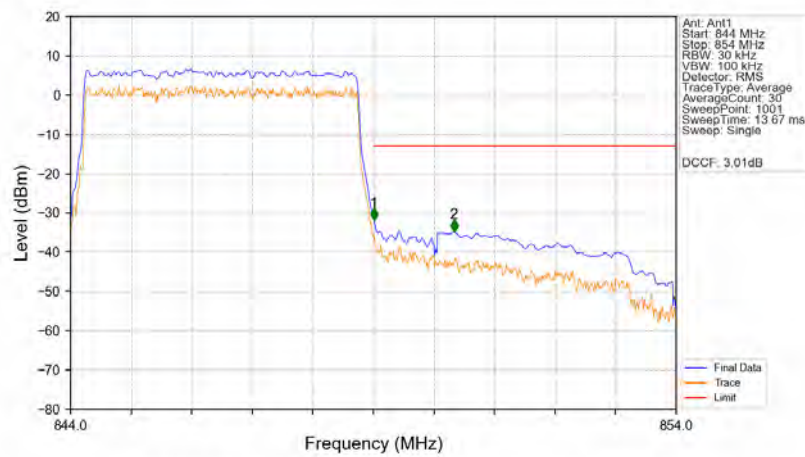
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	813.450	-66.68	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	854.600	-61.24	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_846.5MHz_Edge_1RB_Right_Ant1



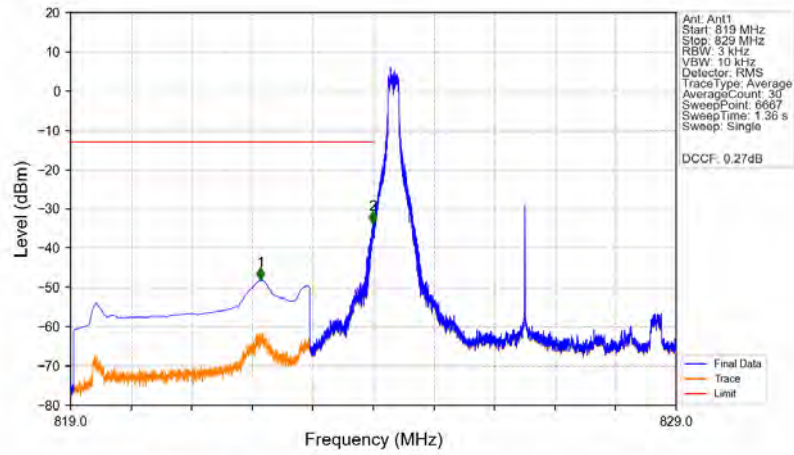
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	2546.000	-39.53	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_846.5MHz_Outer_Full_Ant1



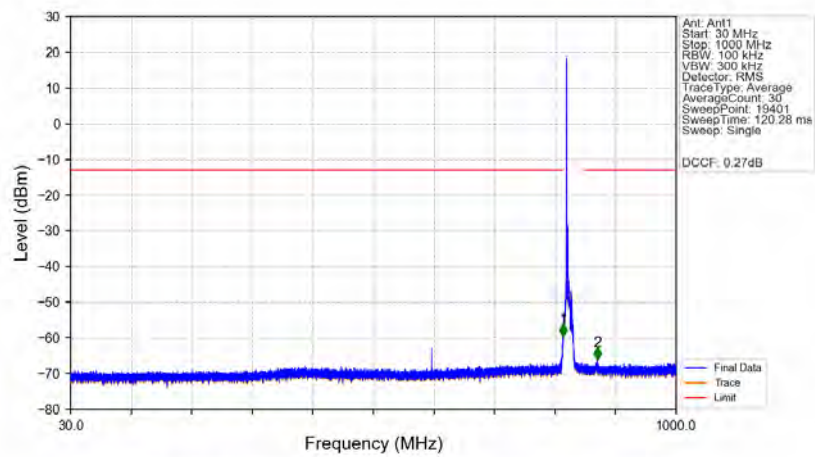
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.0499	CHP	/	/	/	/	/
849	850	0.0499	CHP	1	849.010	-31.92	-13	Pass
850	854	0.1	CHP	2	850.330	-34.85	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_826.5MHz_Edge_1RB_Left_Ant1



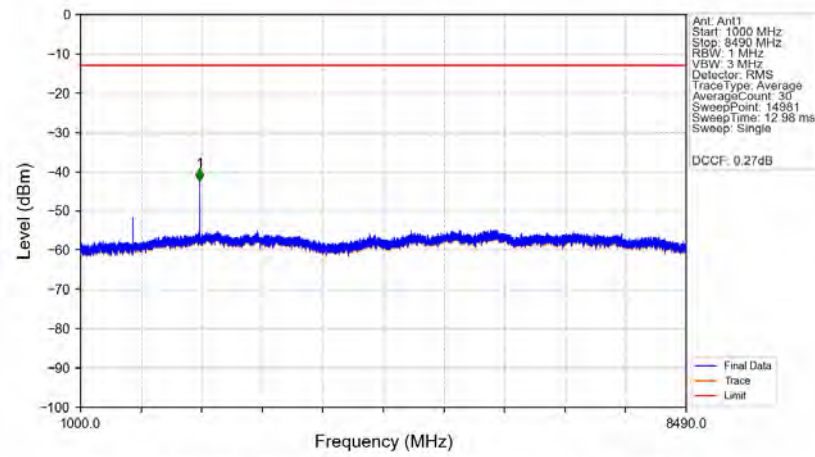
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.135	-48.11	-13	Pass
823	824	0.003	/	2	823.989	-33.75	-13	Pass
824	829	0.003	/	/	/	/	/	/

n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_826.5MHz_Edge_1RB_Left_Ant1

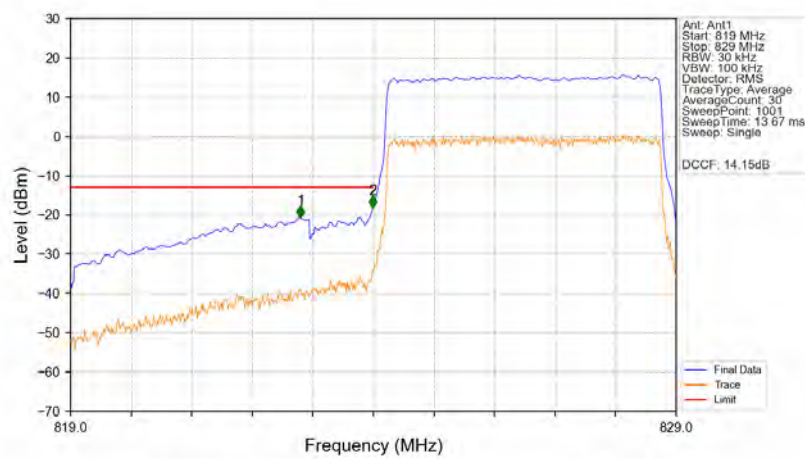


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.950	-59.42	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	873.550	-66.07	-13	Pass

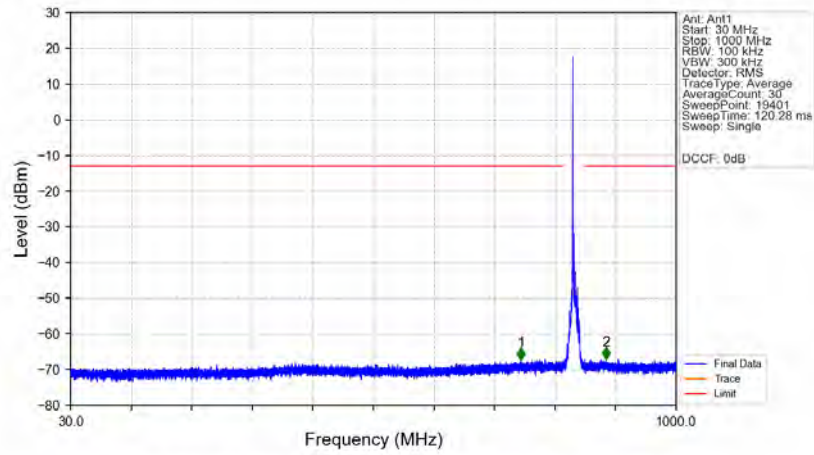
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK 826.5MHz_Edge_1RB_Left_Ant1



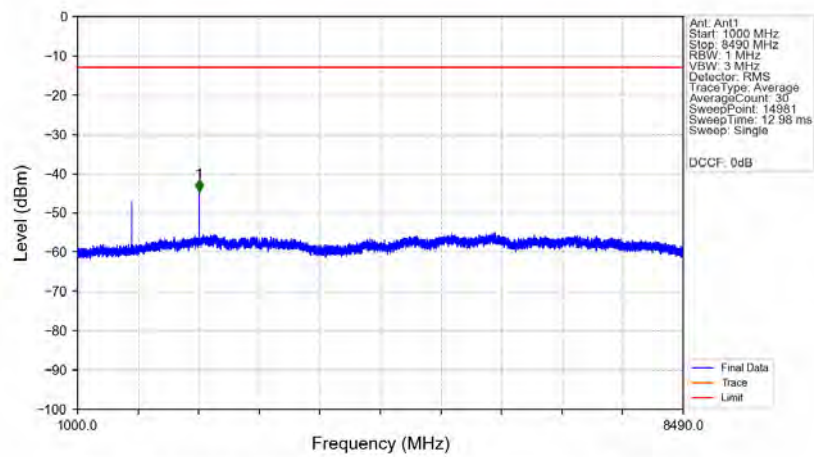
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK 826.5MHz_Outer_Full_Ant1



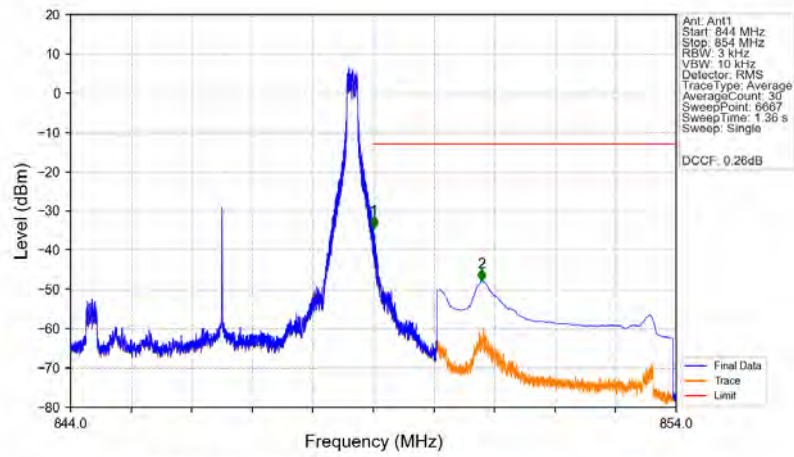
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant1



n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant1

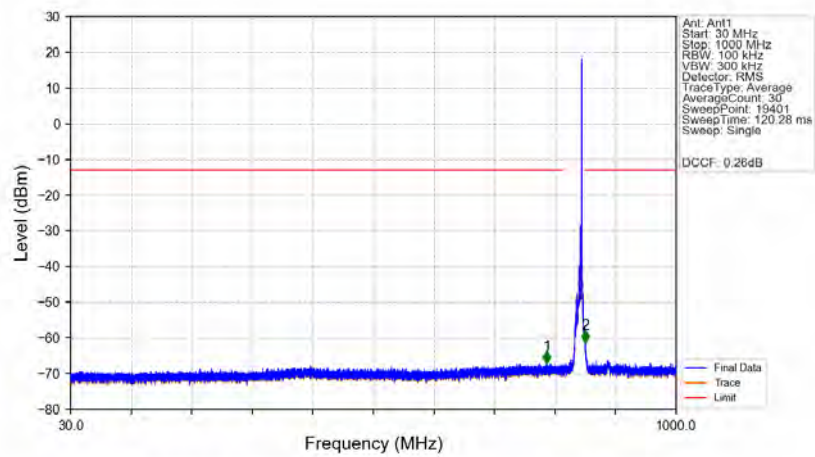


n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_846.5MHz_Edge_1RB_Right_Ant1



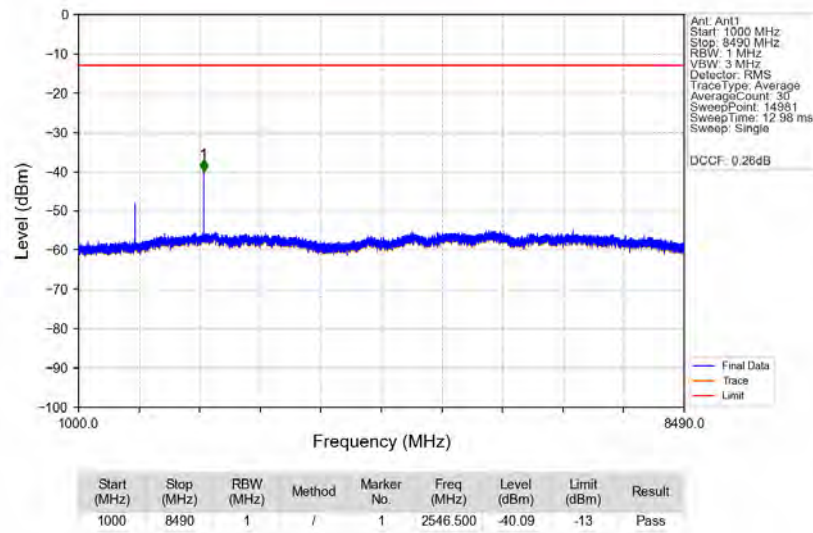
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.006	-34.32	-13	Pass
850	854	0.1	CHP	2	850.790	-47.83	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_846.5MHz_Edge_1RB_Right_Ant1

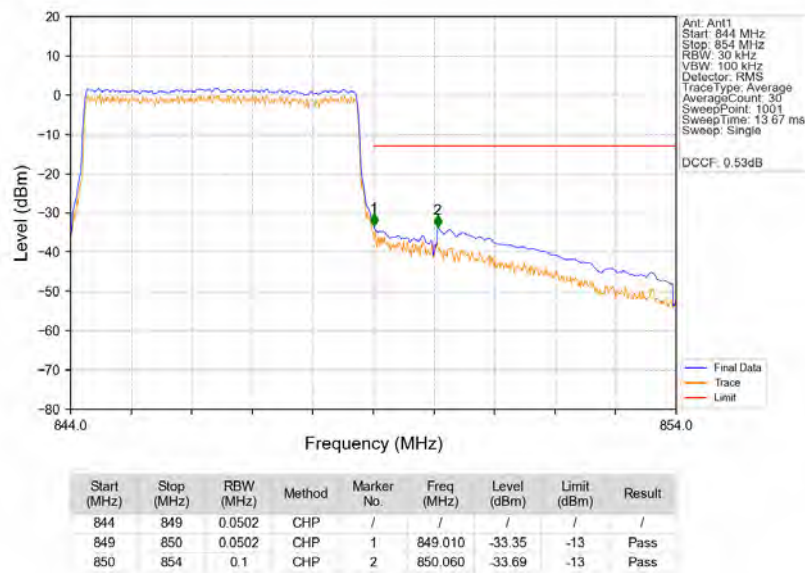


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	792.600	-67.21	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	854.200	-61.25	-13	Pass

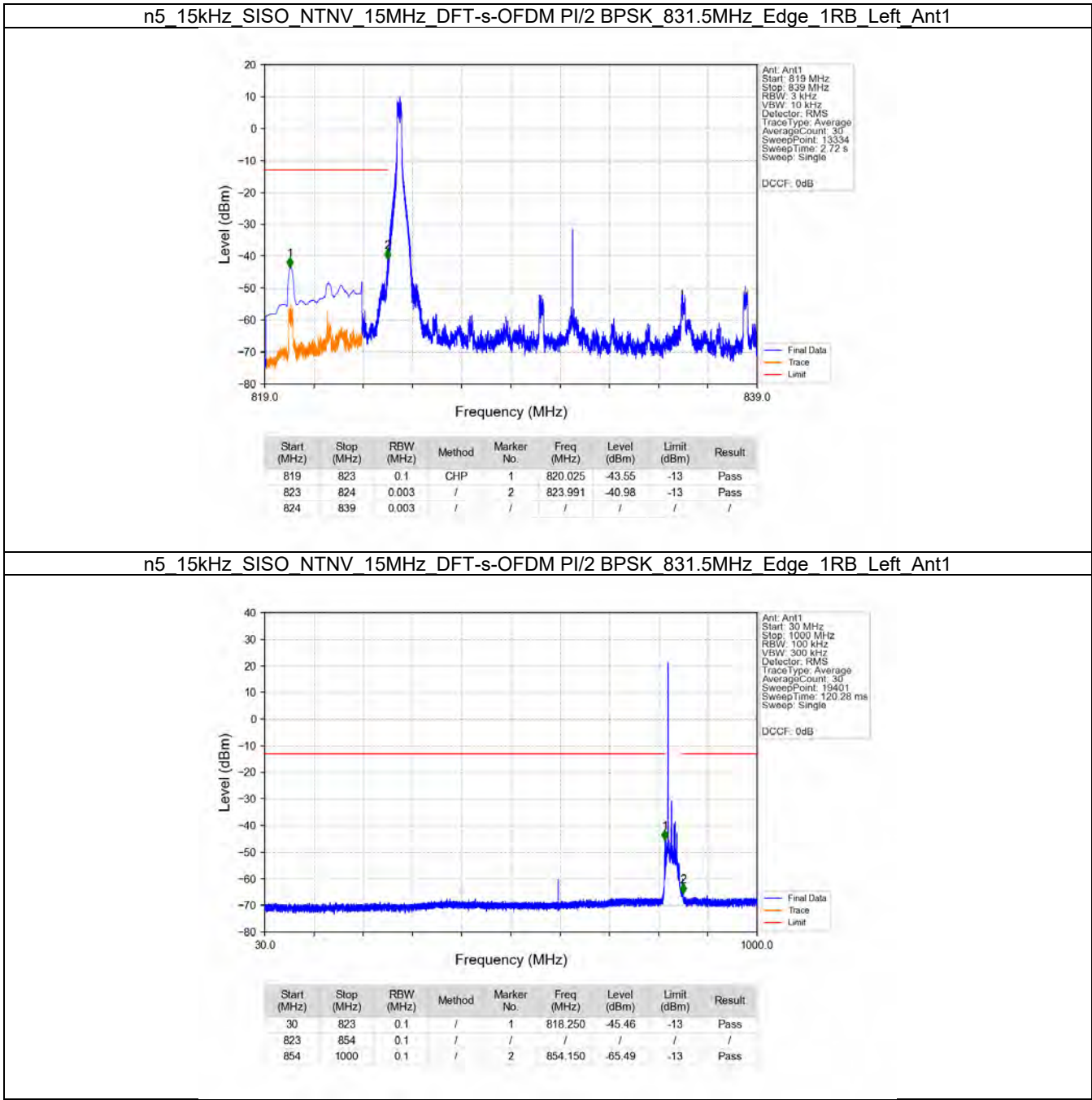
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_846.5MHz_Edge_1RB_Right_Ant1



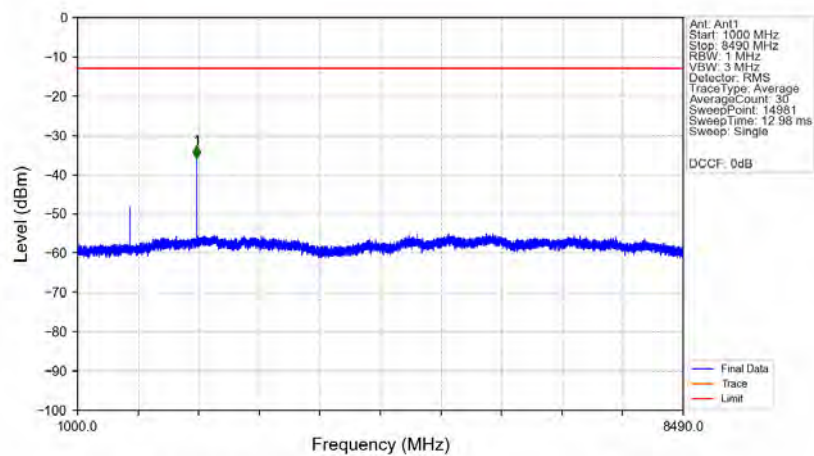
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_846.5MHz_Outer_Full_Ant1



5.2.2 15k_SISO_15MHz_NTNV

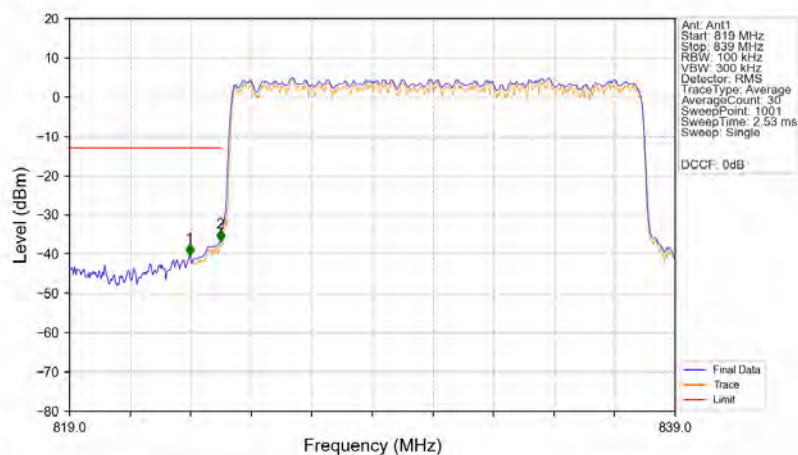


n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_831.5MHz_Edge_1RB_Left_Ant1



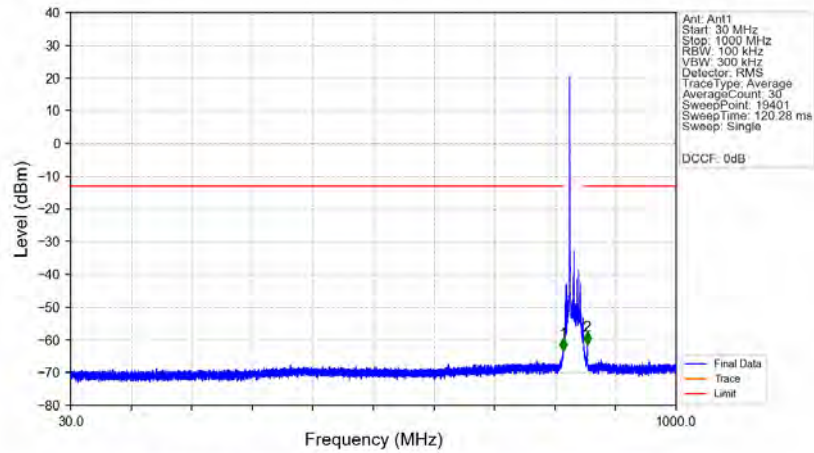
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	2473.500	-35.88	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_831.5MHz_Outer_Full_Ant1



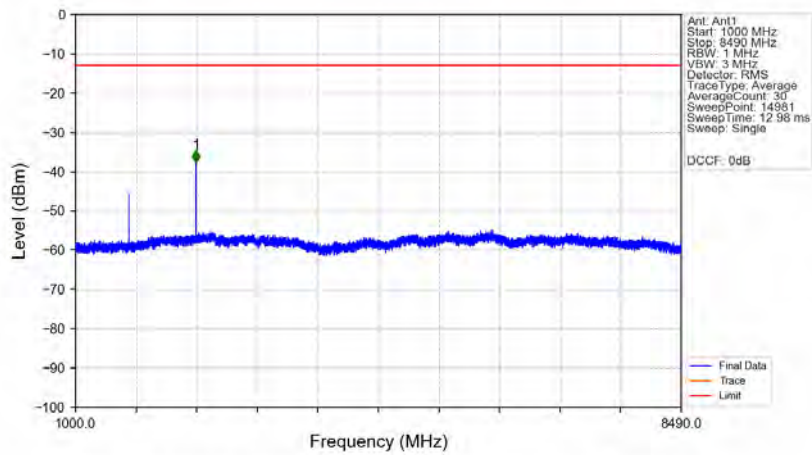
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	/	1	822.960	-40.49	-13	Pass
823	824	0.14552	CHP	2	823.960	-36.76	-13	Pass
824	839	0.14552	CHP	/	/	/	/	/

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_836.5MHz_Edge_1RB_Left_Ant1



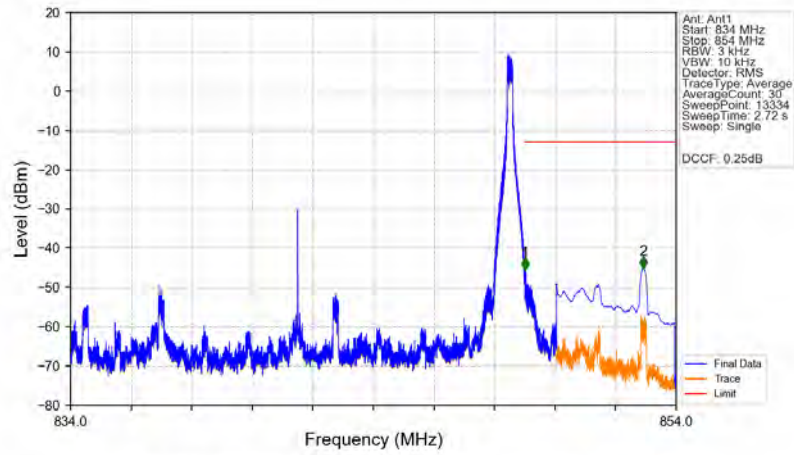
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.950	-63.22	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	857.450	-61.28	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_836.5MHz_Edge_1RB_Left_Ant1



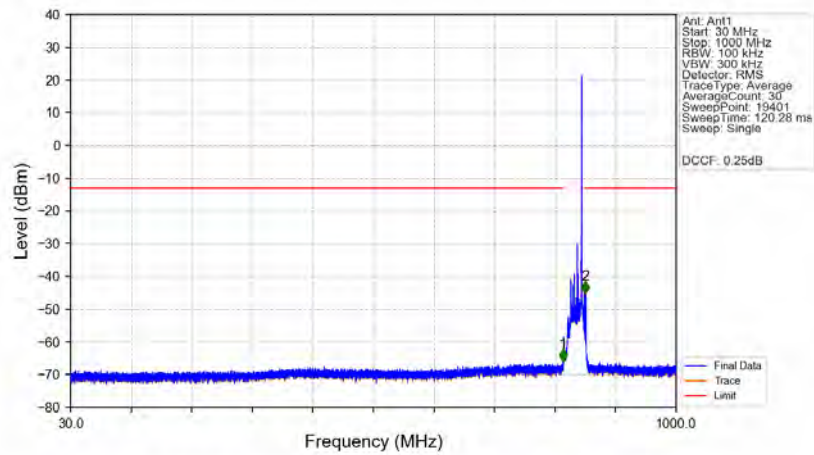
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	2488.500	-37.65	-13	Pass

n5_15kHz_SISO_NTV_15MHz_DFT-s-OFDM_PI/2_BPSK_841.5MHz_Edge_1RB_Right_Ant1



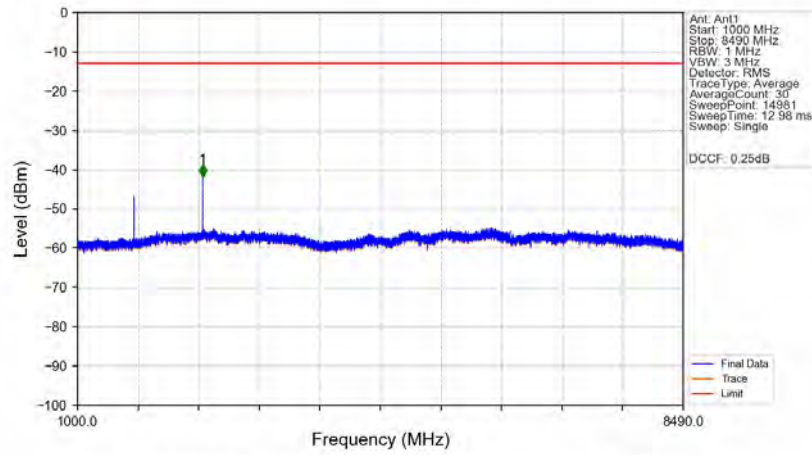
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.009	-45.54	-13	Pass
850	854	0.1	CHP	2	852.914	-45.15	-13	Pass

n5_15kHz_SISO_NTV_15MHz_DFT-s-OFDM_PI/2_BPSK_841.5MHz_Edge_1RB_Right_Ant1

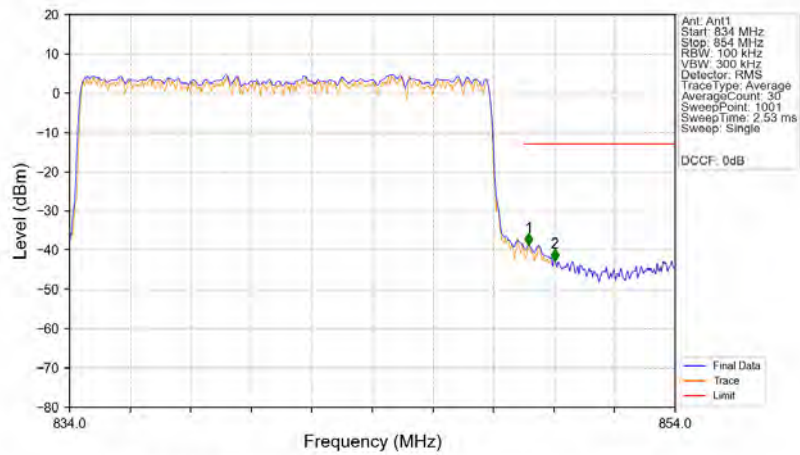


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.450	-65.86	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	854.750	-45.15	-13	Pass

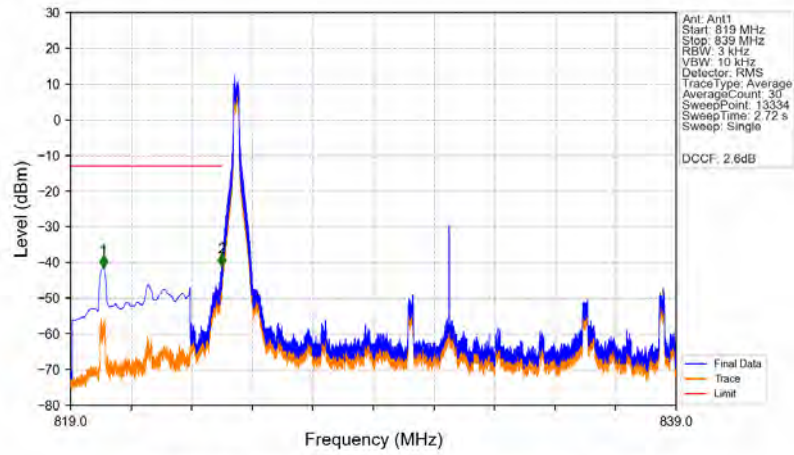
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_841.5MHz_Edge_1RB_Right_Ant1



n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_841.5MHz_Outer_Full_Ant1

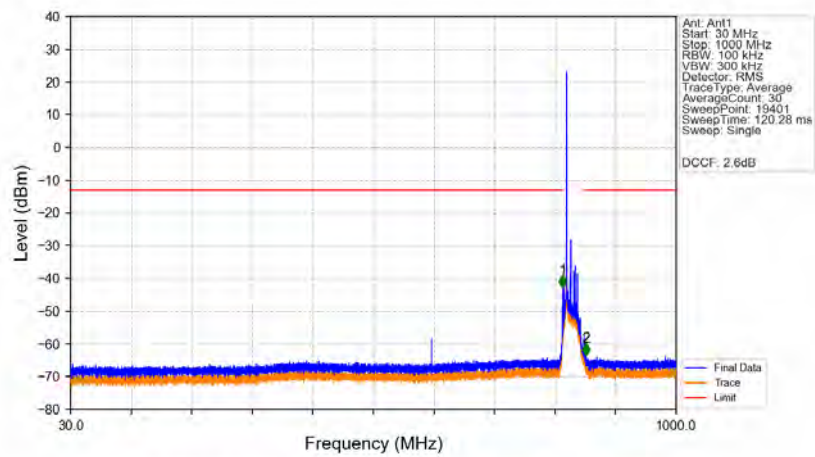


n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_831.5MHz_Edge_1RB_Left_Ant1



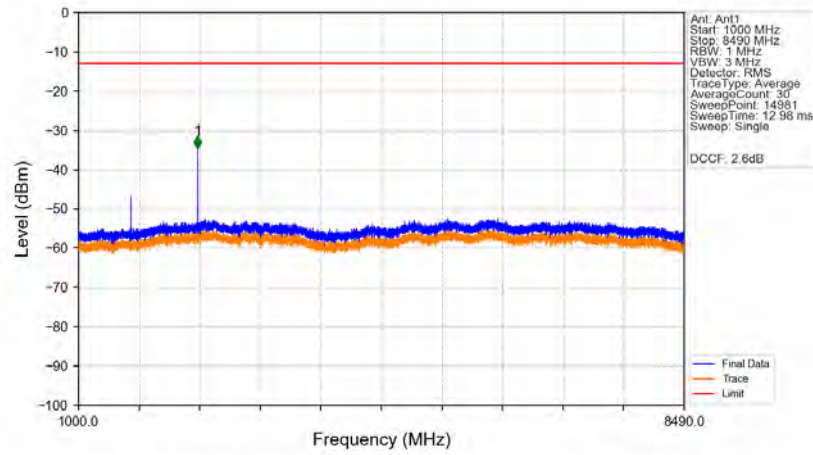
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	ChP	1	820.082	-41.54	-13	Pass
823	824	0.003	/	2	823.992	-41.15	-13	Pass
824	839	0.003	/	/	/	/	/	/

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_831.5MHz_Edge_1RB_Left_Ant1



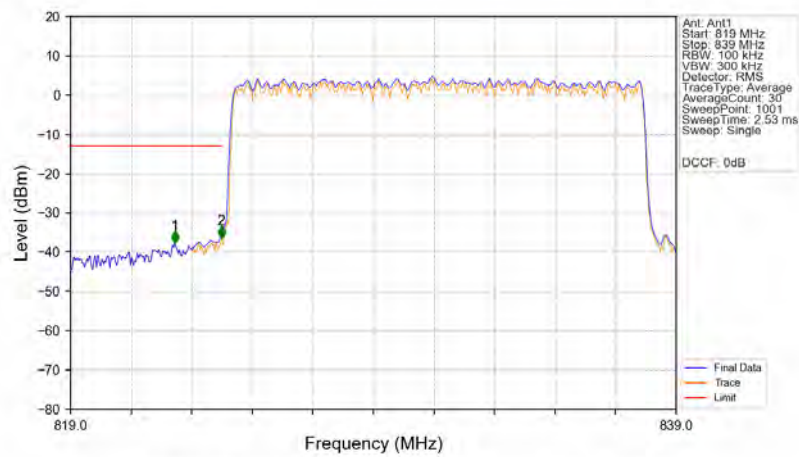
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.250	-42.70	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	855.850	-63.58	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_831.5MHz_Edge_1RB_Left_Ant1



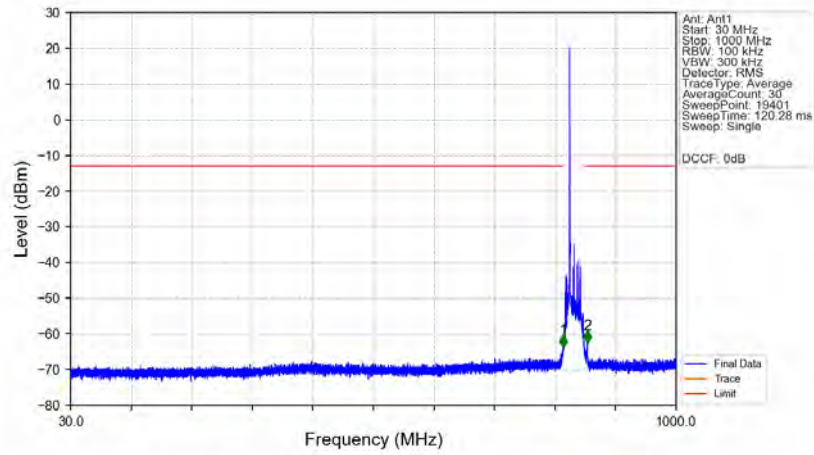
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	2473.500	-34.50	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_831.5MHz_Outer_Full_Ant1



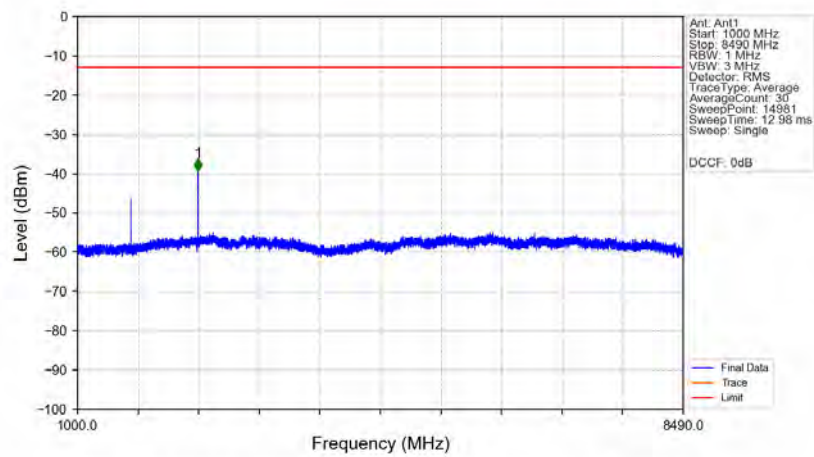
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	/	1	822.440	-37.75	-13	Pass
823	824	0.14562	CHP	2	823.980	-36.38	-13	Pass
824	839	0.14562	CHP	/	/	/	/	/

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant1



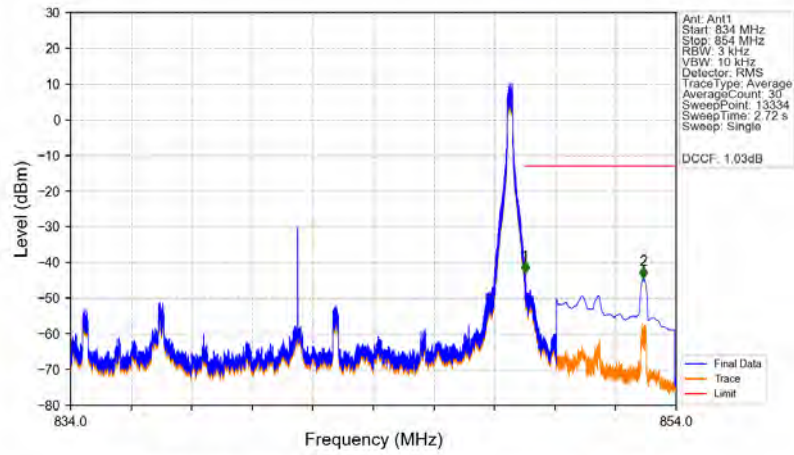
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.950	-63.70	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	857.650	-62.59	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant1



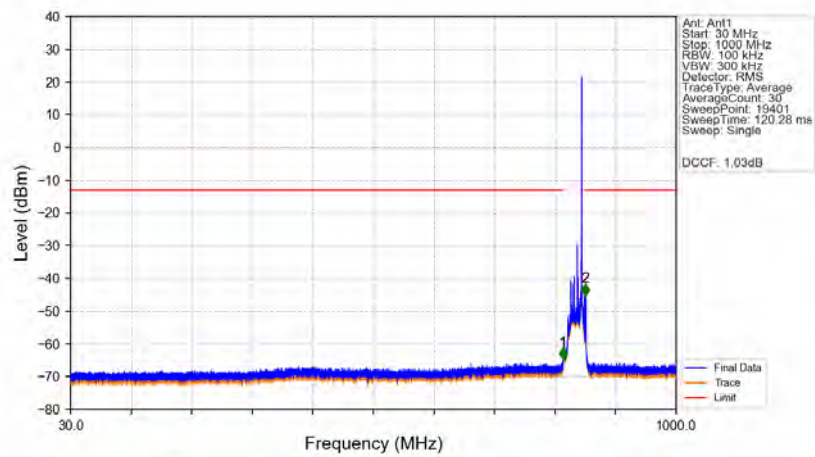
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	2488.500	-39.32	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_841.5MHz_Edge_1RB_Right_Ant1



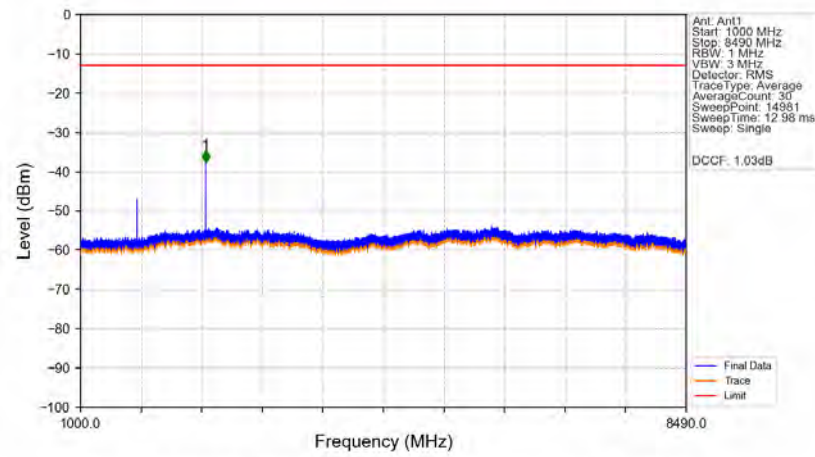
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.008	-43.15	-13	Pass
850	854	0.1	CHP	2	852.914	-44.47	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_841.5MHz_Edge_1RB_Right_Ant1



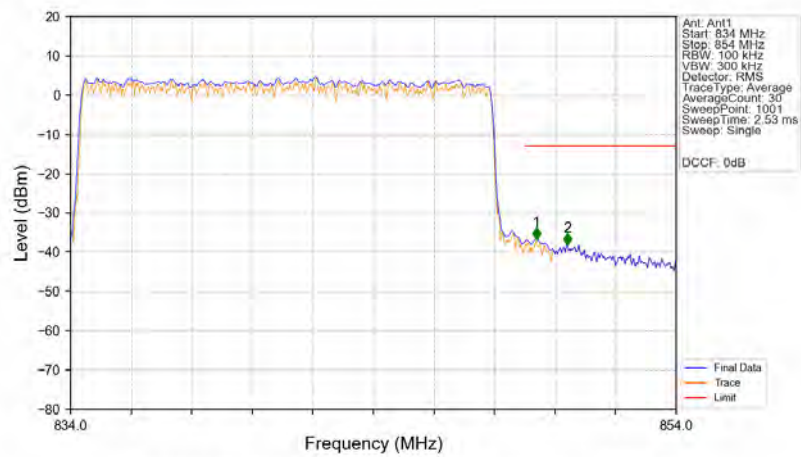
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.550	-64.91	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	854.750	-45.29	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_841.5MHz_Edge_1RB_Right_Ant1



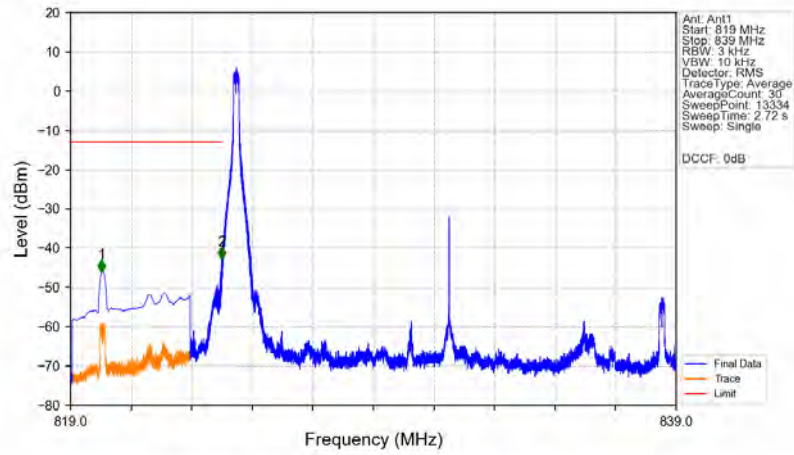
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	2545.500	-37.65	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_841.5MHz_Outer_Full_Ant1



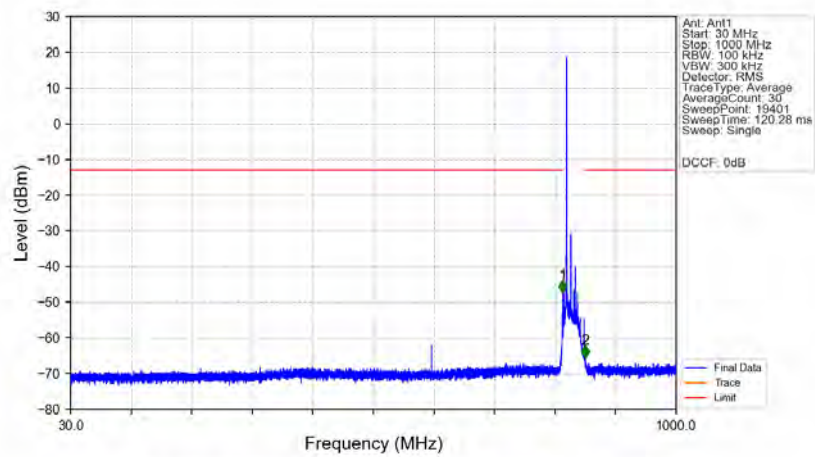
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.15324	CHP	/	/	/	/	/
849	850	0.15324	CHP	1	849.380	-36.69	-13	Pass
850	854	0.1	/	2	850.400	-38.17	-13	Pass

n5_15kHz_SISO_NTV_15MHz_CP-OFDM_QPSK_831.5MHz_Edge_1RB_Left_Ant1



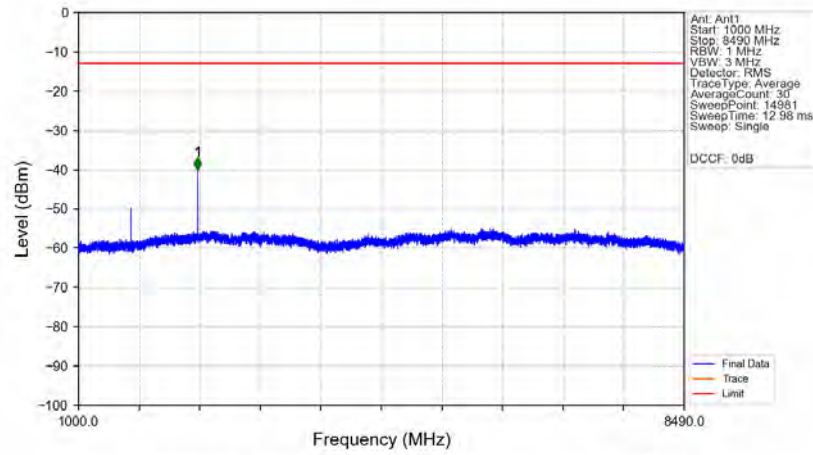
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	820.028	-45.99	-13	Pass
823	824	0.003	/	2	823.991	-42.80	-13	Pass
824	839	0.003	/	/	/	/	/	/

n5_15kHz_SISO_NTV_15MHz_CP-OFDM_QPSK_831.5MHz_Edge_1RB_Left_Ant1



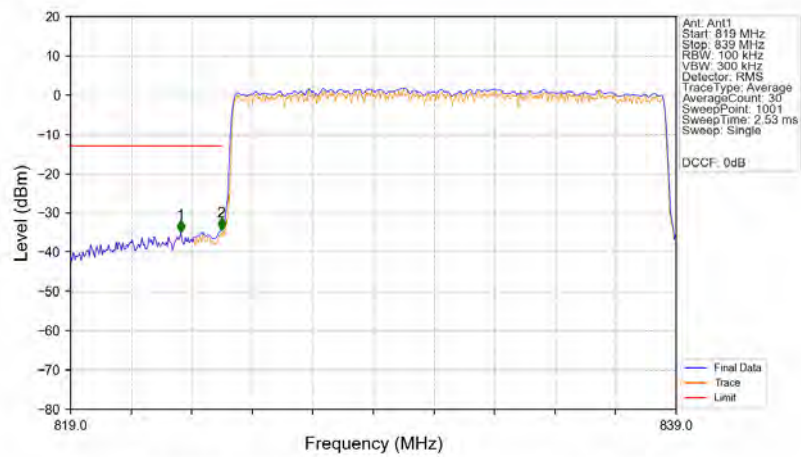
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.250	-47.36	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	854.250	-65.50	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_831.5MHz_Edge_1RB_Left_Ant1



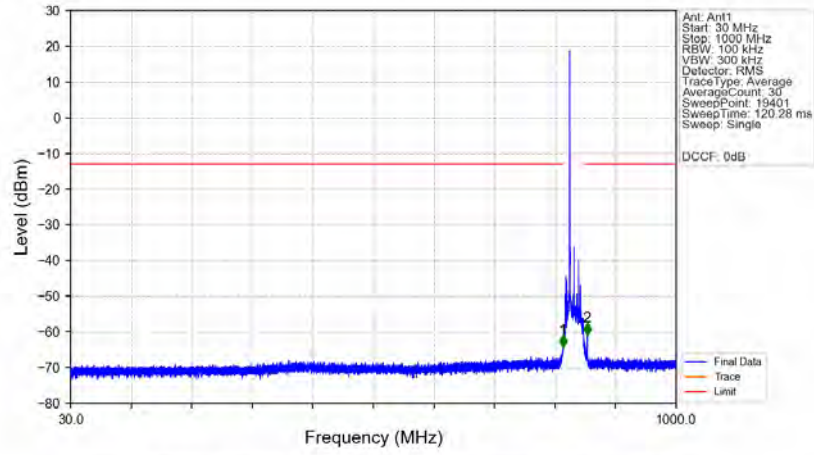
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	2473.500	-39.99	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_831.5MHz_Outer_Full Ant1



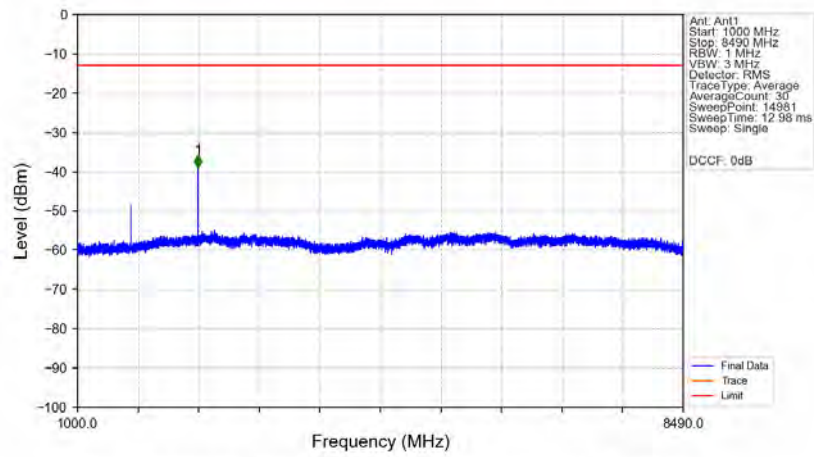
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	/	1	822.640	-34.97	-13	Pass
823	824	0.14552	CHP	2	823.980	-34.37	-13	Pass
824	839	0.14552	CHP	/	/	/	/	/

n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant1



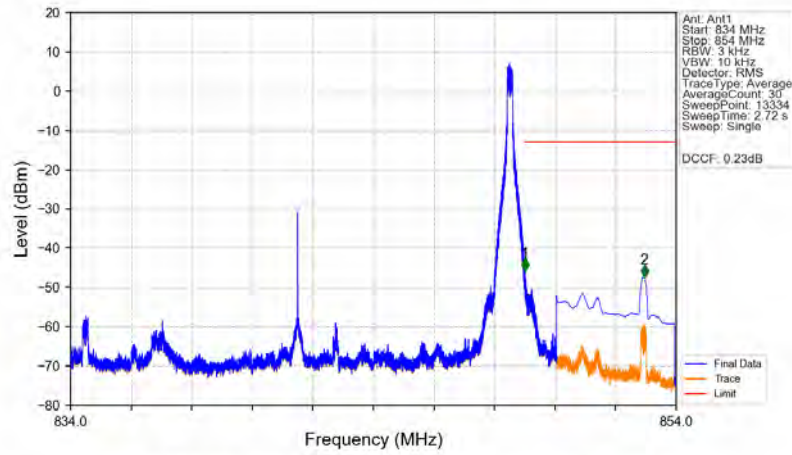
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.600	-64.34	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	857.400	-60.97	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant1



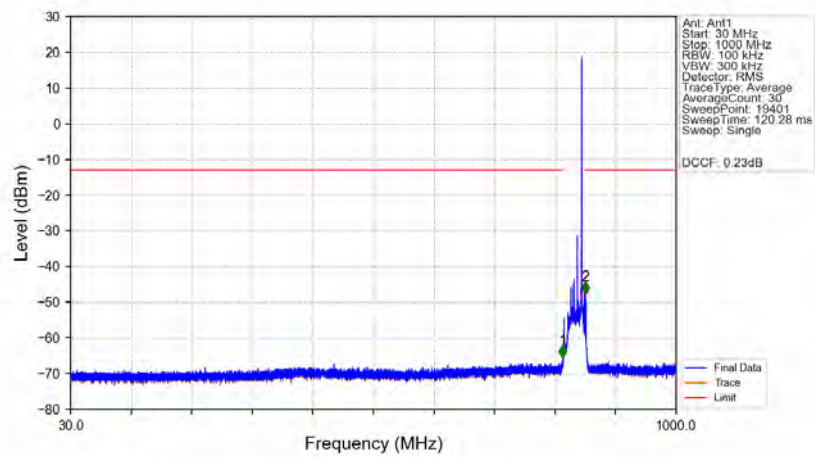
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	2488.500	-38.95	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_841.5MHz_Edge_1RB_Right_Ant1



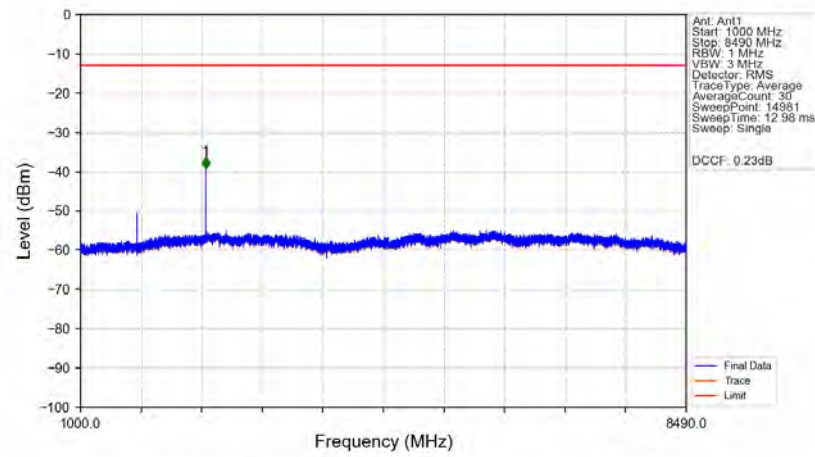
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.006	-45.64	-13	Pass
850	854	0.1	CHP	2	852.948	-47.35	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_841.5MHz_Edge_1RB_Right_Ant1



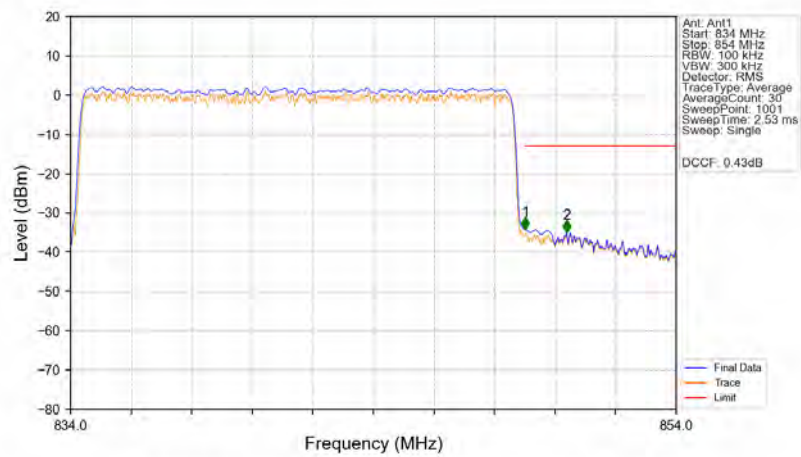
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.250	-65.49	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	854.750	-47.66	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_841.5MHz_Edge_1RB_Right_Ant1



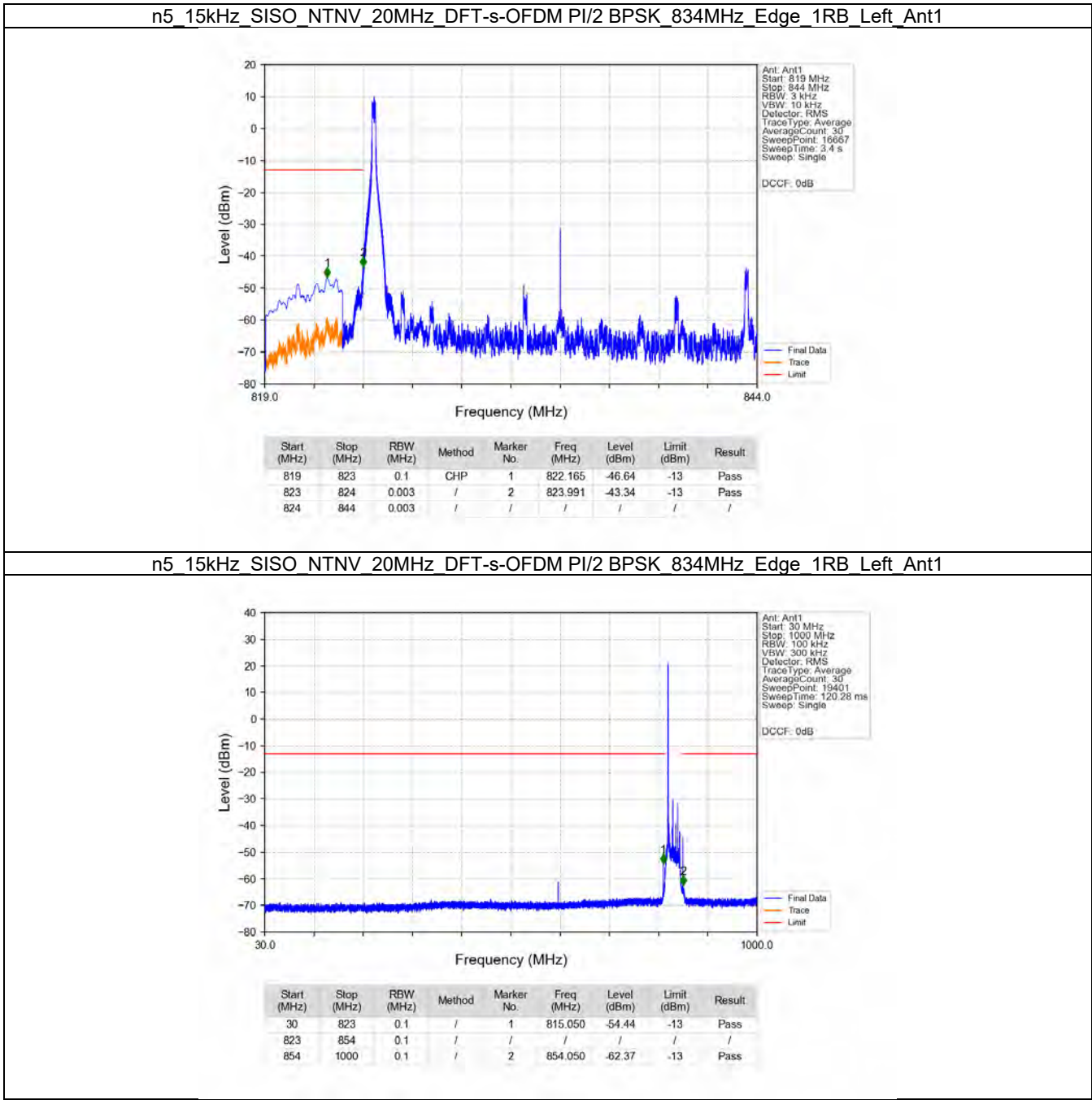
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	2546.000	-39.37	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_841.5MHz_Outer_Full Ant1

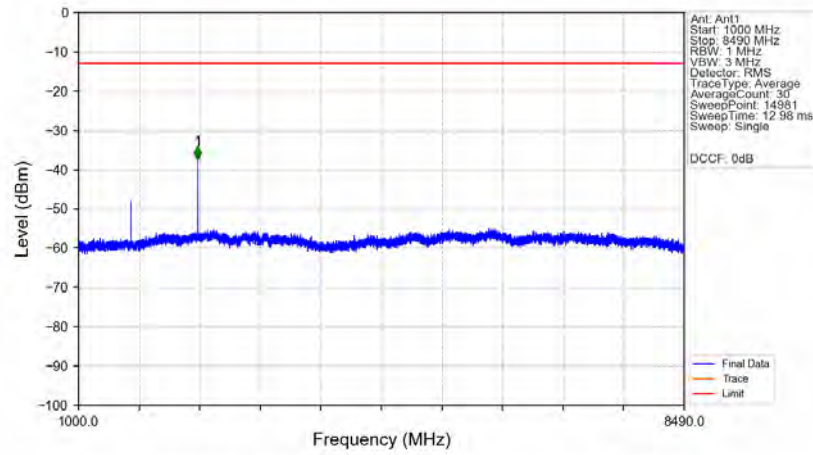


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.15271	CHP	/	/	/	/	/
849	850	0.15271	CHP	1	849.020	-34.14	-13	Pass
850	854	0.1	/	2	850.380	-35.02	-13	Pass

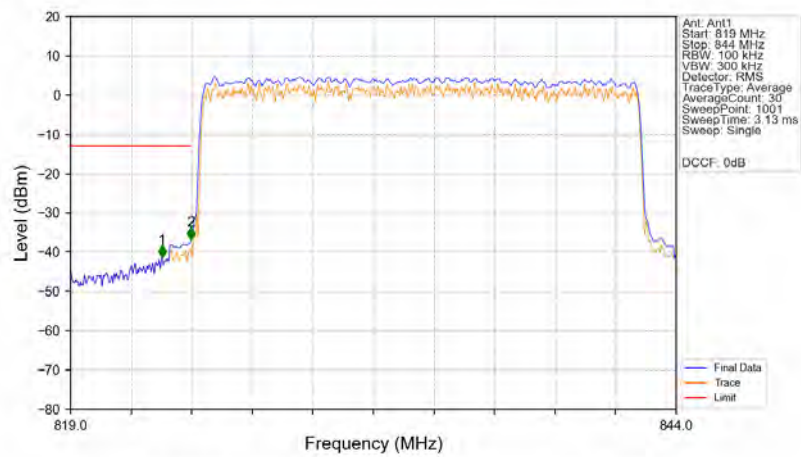
5.2.3 15k_SISO_20MHz_NTNV



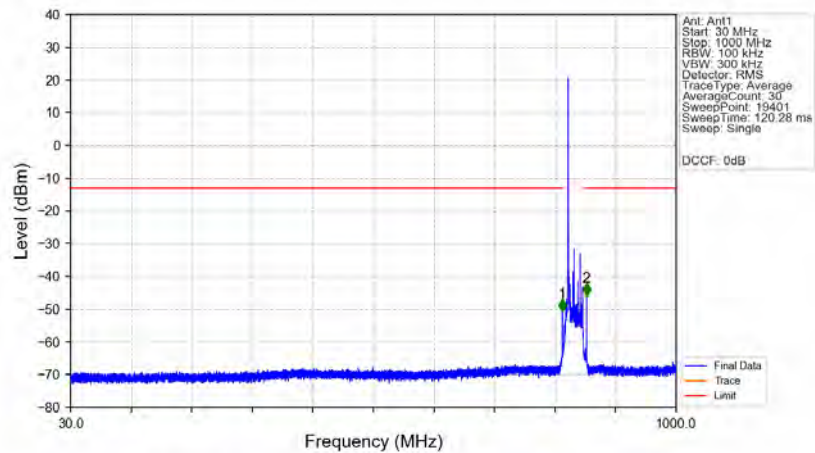
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_834MHz_Edge_1RB_Left_Ant1



n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_834MHz_Outer_Full_Ant1

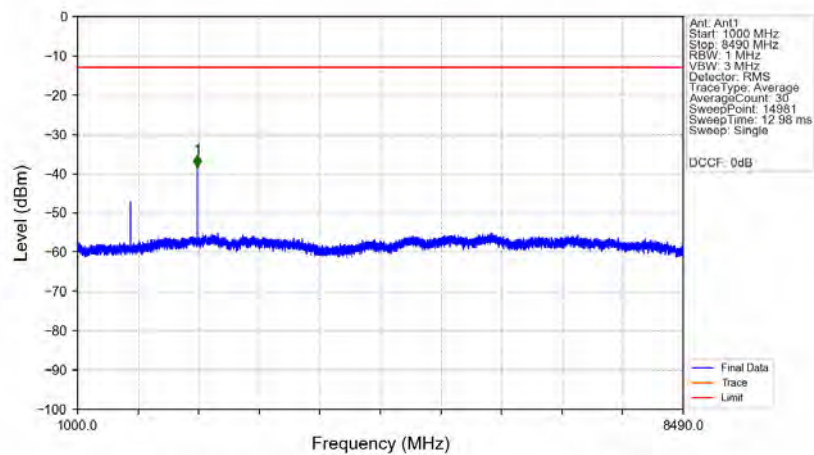


n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_836.5MHz_Edge_1RB_Left_Ant1



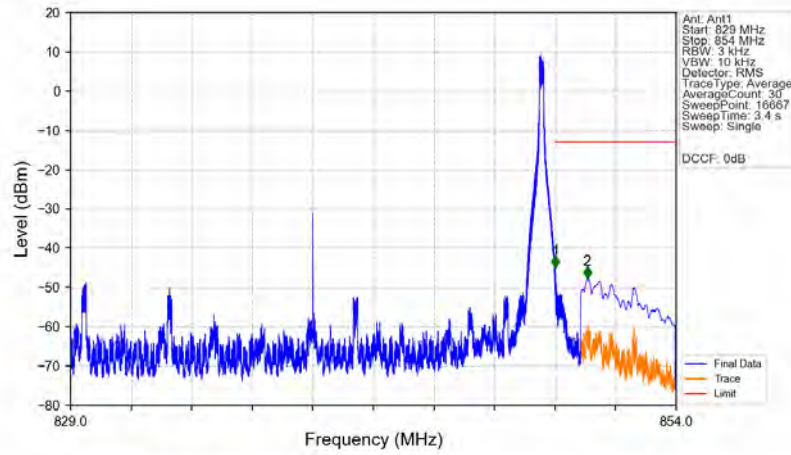
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	817.500	-50.56	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	856.300	-45.77	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_836.5MHz_Edge_1RB_Left_Ant1



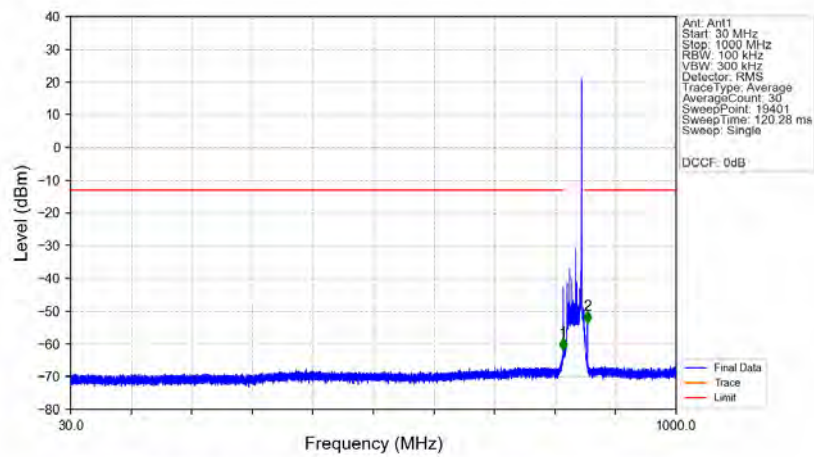
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	2481.500	-38.30	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_839MHz_Edge_1RB_Right_Ant1



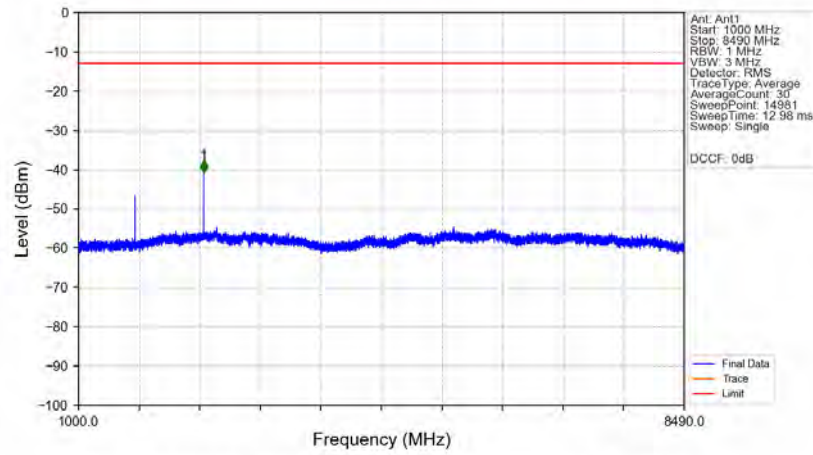
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
829	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.009	-44.92	-13	Pass
850	854	0.1	CHP	2	850.323	-47.66	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_839MHz_Edge_1RB_Right_Ant1

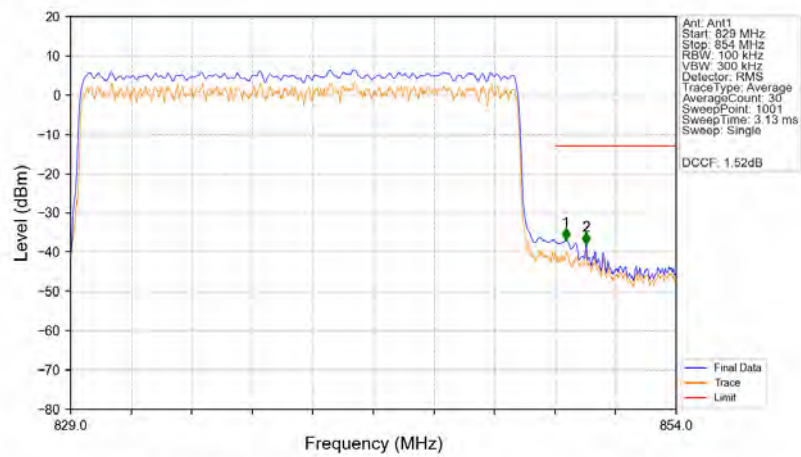


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.900	-62.06	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	857.800	-53.75	-13	Pass

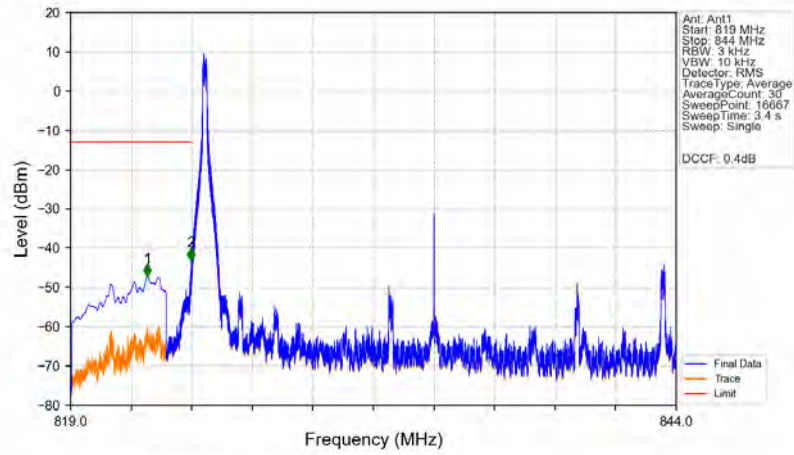
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_839MHz_Edge_Right_Ant1



n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_839MHz_Outer_Full_Ant1

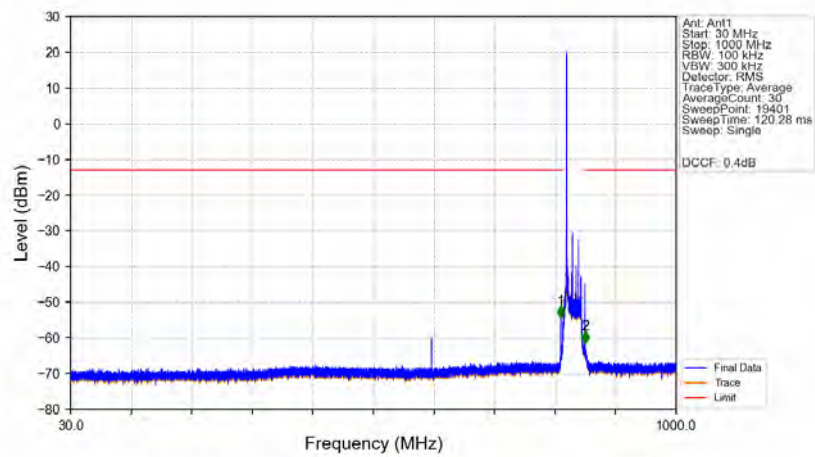


n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_834MHz_Edge_1RB_Left_Ant1



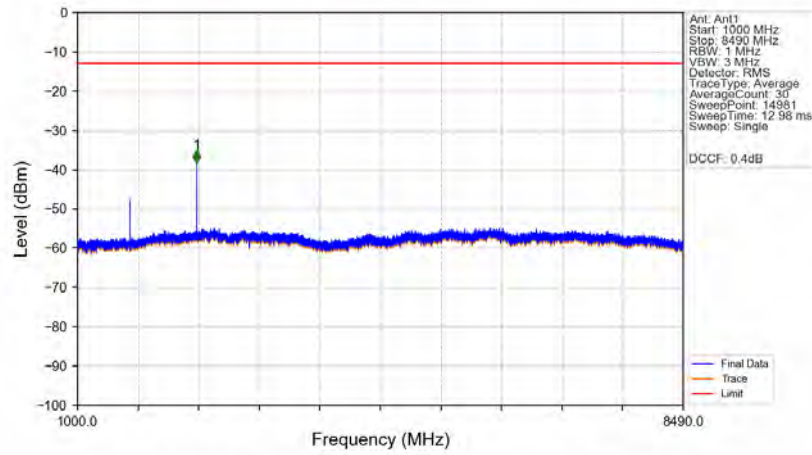
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.168	-47.16	-13	Pass
823	824	0.003	/	2	823.979	-43.06	-13	Pass
824	844	0.003	/	/	/	/	/	/

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_834MHz_Edge_1RB_Left_Ant1



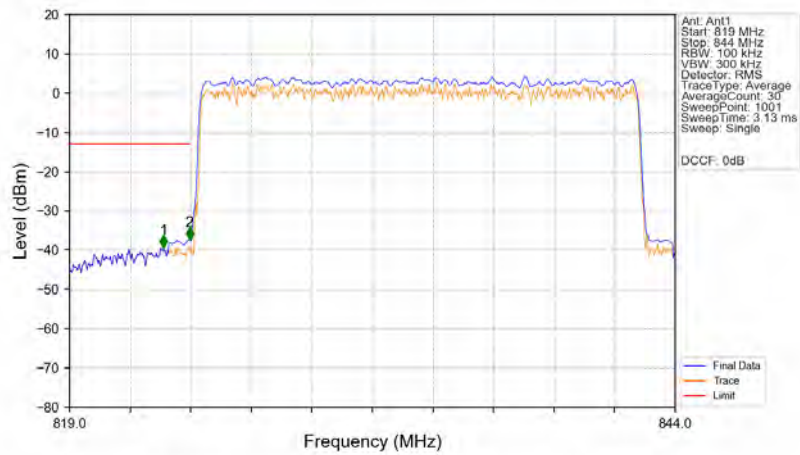
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	815.150	-54.49	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	854.050	-61.51	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_834MHz_Edge_1RB_Left_Ant1



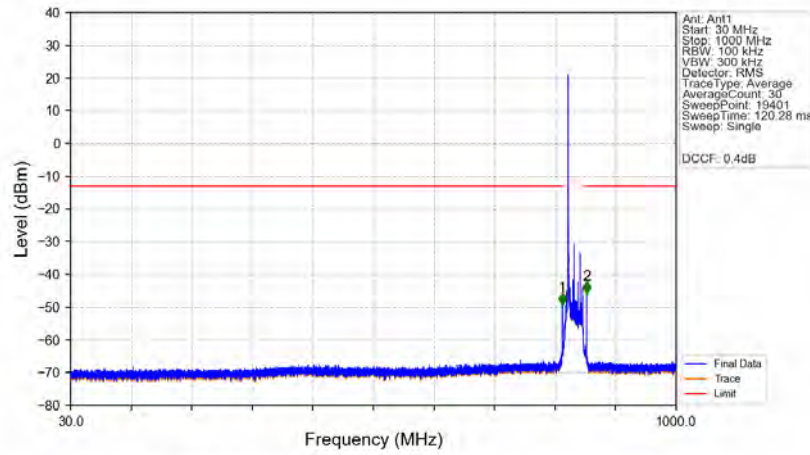
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	2474.000	-38.25	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_834MHz_Outer_Full_Ant1



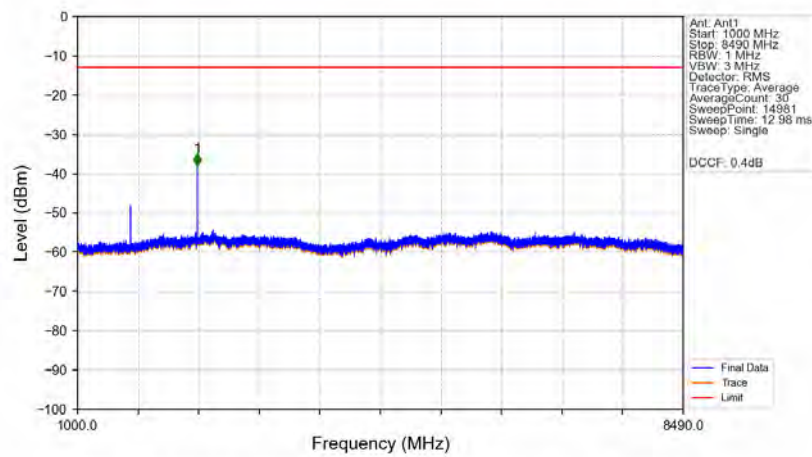
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	/	1	822.875	-39.32	-13	Pass
823	824	0.19445	CHP	2	823.950	-37.27	-13	Pass
824	844	0.19445	CHP	/	/	/	/	/

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant1



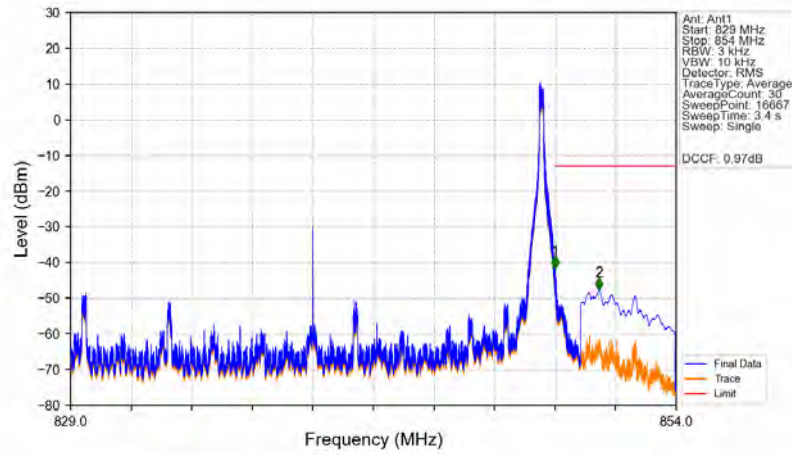
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	817.650	-49.37	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	856.350	-45.85	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant1



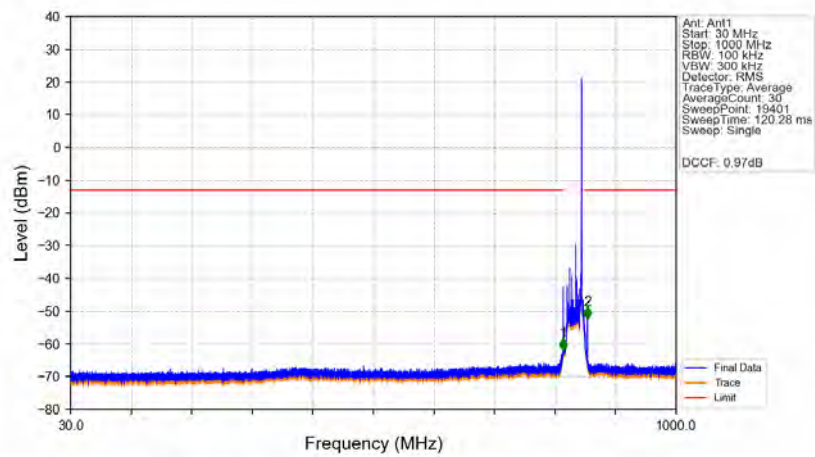
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	2481.500	-37.99	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_839MHz_Edge_1RB_Right_Ant1



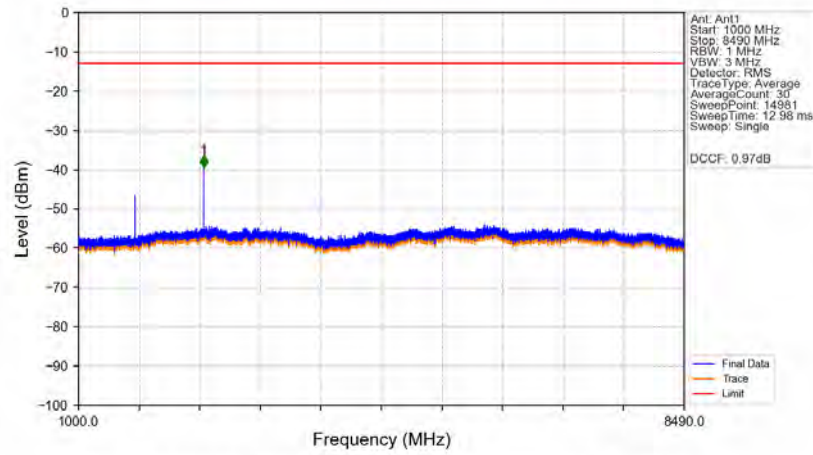
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
829	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.006	-41.66	-13	Pass
850	854	0.1	CHP	2	850.821	-47.68	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_839MHz_Edge_1RB_Right_Ant1



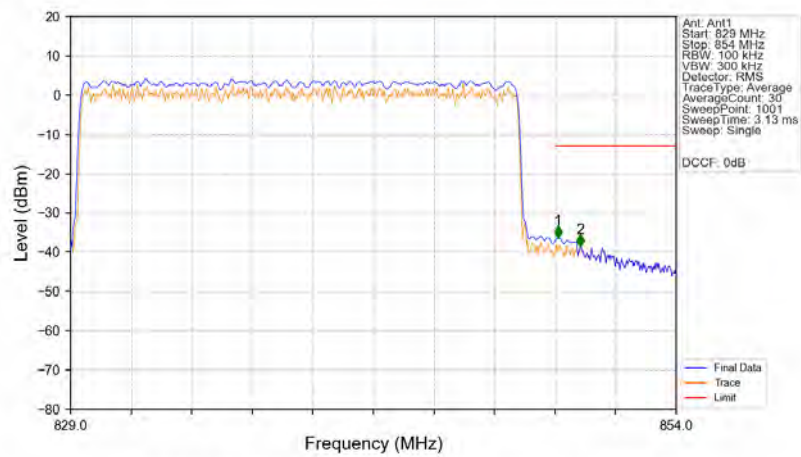
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.950	-61.95	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	857.900	-52.35	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_839MHz_Edge_1RB_Right_Ant1



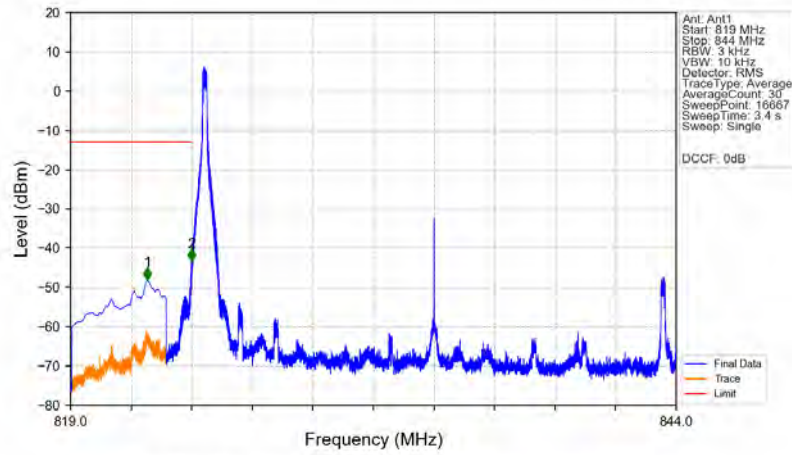
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	2545.500	-39.42	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_839MHz_Outer_Full_Ant1



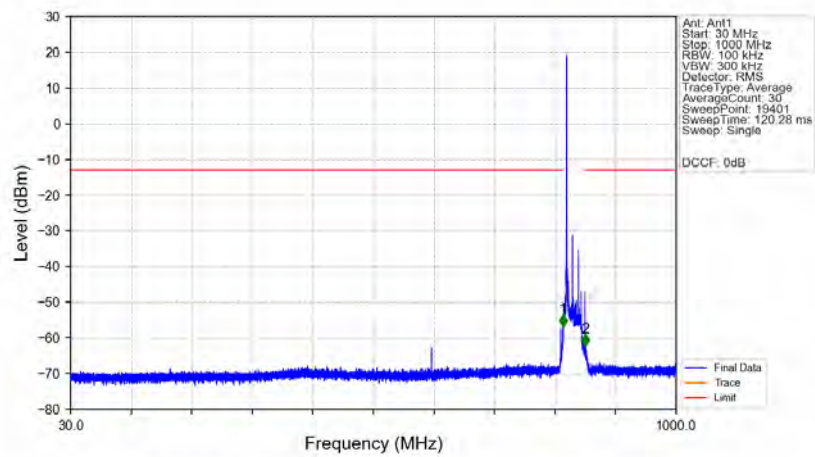
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
829	849	0.19445	CHP	/	/	/	/	/
849	850	0.19445	CHP	1	849.125	-36.33	-13	Pass
850	854	0.1	/	2	850.050	-38.51	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_834MHz_Edge_1RB_Left_Ant1



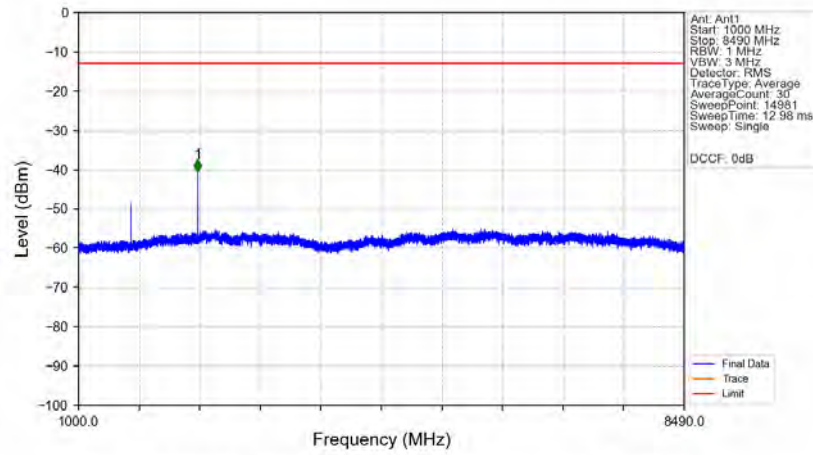
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.167	-48.14	-13	Pass
823	824	0.003	/	2	823.995	-43.32	-13	Pass
824	844	0.003	/	/	/	/	/	/

n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_834MHz_Edge_1RB_Left_Ant1



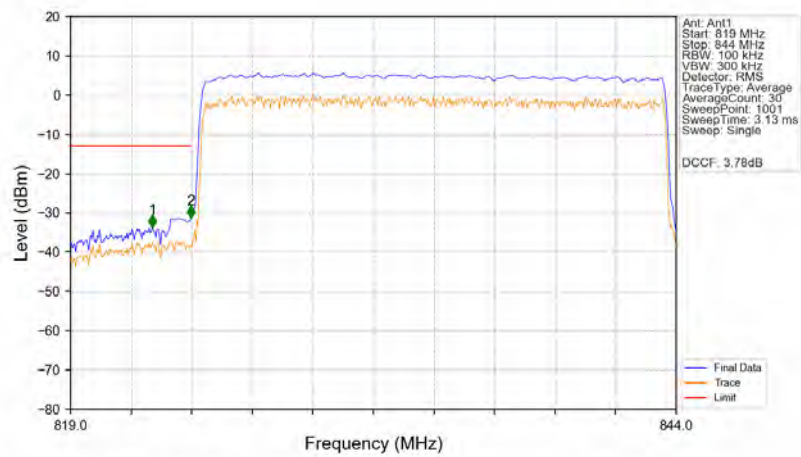
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.650	-56.80	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	854.050	-62.37	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_834MHz_Edge_1RB_Left_Ant1



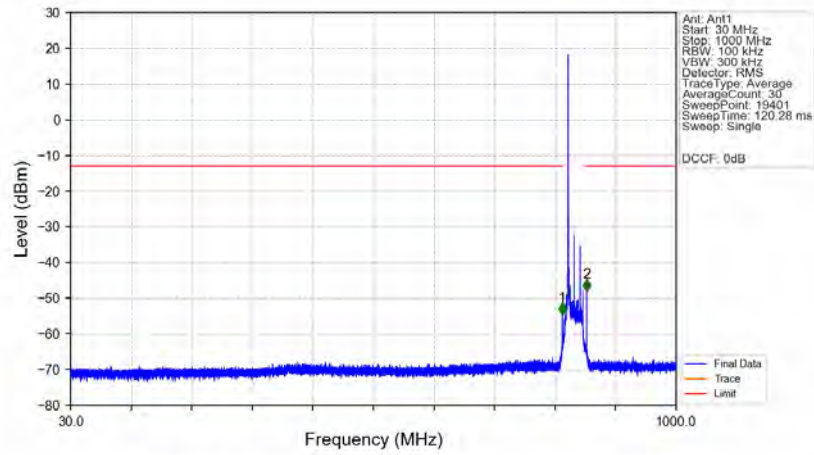
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	2474.000	-40.64	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_834MHz_Outer_Full_Ant1

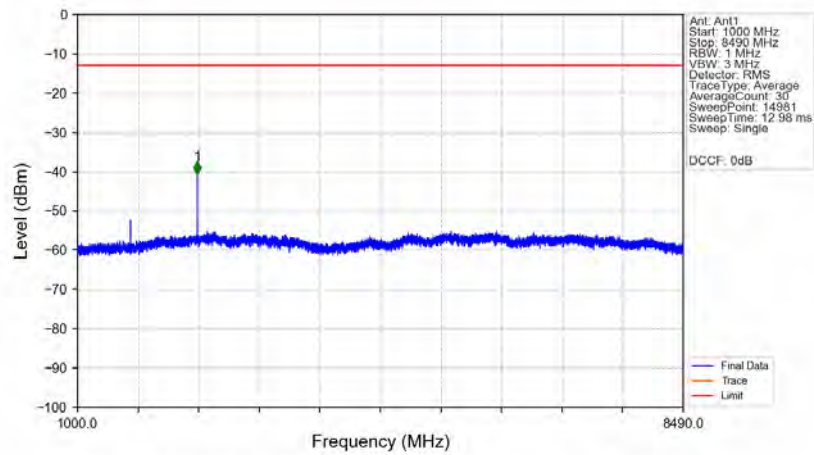


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	/	1	822.375	-33.72	-13	Pass
823	824	0.2046	CHP	2	823.975	-31.36	-13	Pass
824	844	0.2046	CHP	/	/	/	/	/

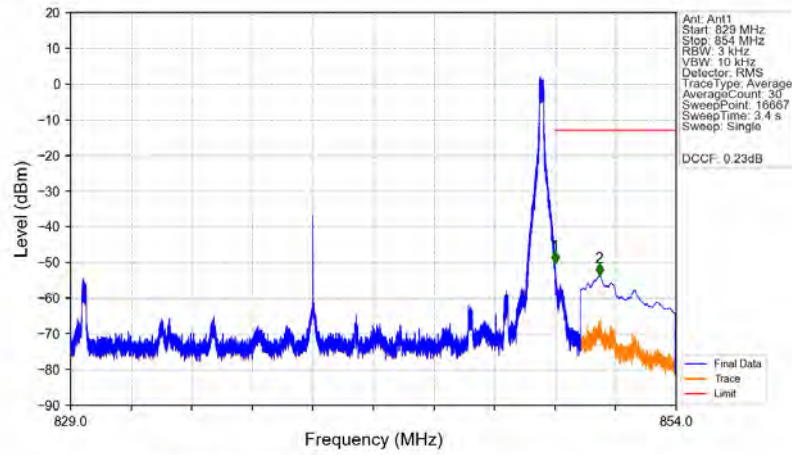
n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant1



n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant1

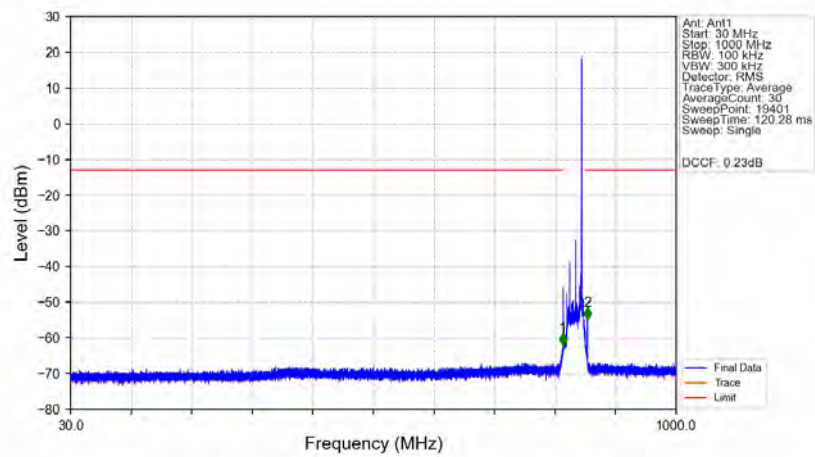


n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_839MHz_Edge_1RB_Right_Ant1



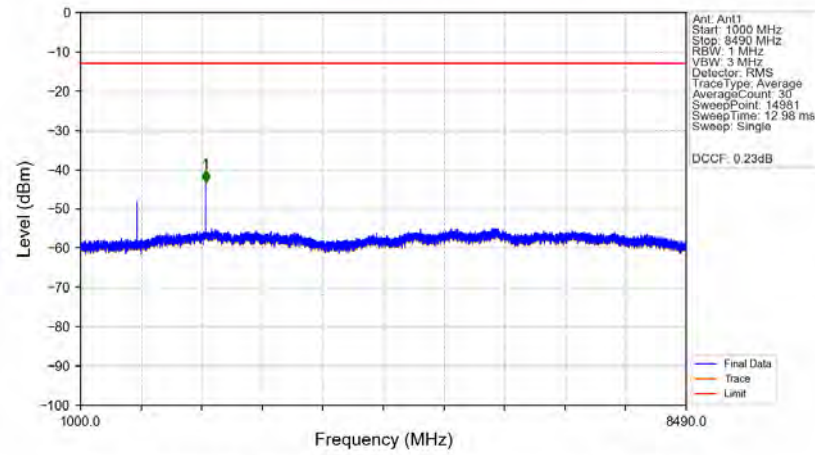
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
829	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.006	-50.19	-13	Pass
850	854	0.1	CHP	2	850.826	-53.75	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_839MHz_Edge_1RB_Right_Ant1

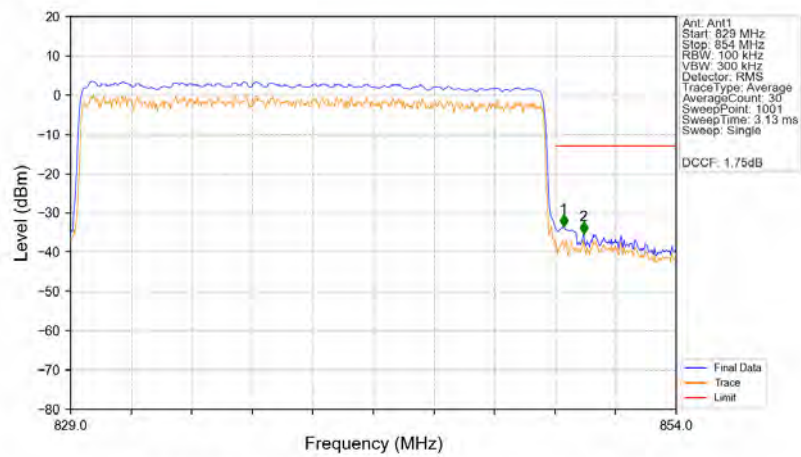


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.900	-62.03	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	857.900	-54.93	-13	Pass

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	1672.5714	44.04	-48.19	25.47	-73.94	-13.00	60.94	Horizontal
2	2252	43.75	-47.59	26.70	-72.39	-13.00	59.39	Horizontal
3	2857.1429	42.76	-46.72	27.84	-71.38	-13.00	58.38	Horizontal
4	3485.7143	42.47	-46.54	28.59	-70.74	-13.00	57.74	Horizontal
5	4577.1429	42.90	-45.75	30.72	-67.38	-13.00	54.38	Horizontal
6	6053.7143	42.37	-44.57	32.58	-64.88	-13.00	51.88	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1450.8571	44.50	-48.16	25.25	-73.67	-13.00	60.67	Vertical
2	1831.4286	43.96	-47.98	25.69	-73.59	-13.00	60.59	Vertical
3	2366.8571	43.39	-47.47	26.93	-72.40	-13.00	59.40	Vertical
4	2852.5714	42.75	-46.74	27.83	-71.41	-13.00	58.41	Vertical
5	4253.7143	42.08	-45.86	30.01	-69.03	-13.00	56.03	Vertical
6	4870.2857	41.89	-45.60	31.19	-67.78	-13.00	54.78	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	1441.1429	44.93	-48.13	25.24	-73.22	-13.00	60.22	Horizontal
2	1840	43.78	-47.99	25.72	-73.75	-13.00	60.75	Horizontal
3	2229.7143	43.54	-47.63	26.66	-72.69	-13.00	59.69	Horizontal
4	2557.7143	43.15	-47.07	27.30	-71.88	-13.00	58.88	Horizontal
5	3466.8571	42.63	-46.54	28.57	-70.60	-13.00	57.60	Horizontal
6	4900.5714	41.42	-45.58	31.24	-68.18	-13.00	55.18	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1501.7143	44.50	-48.32	25.30	-73.78	-13.00	60.78	Vertical
2	1994.8571	43.65	-47.91	26.18	-73.33	-13.00	60.33	Vertical
3	2372	43.44	-47.46	26.94	-72.34	-13.00	59.34	Vertical
4	2980	42.92	-46.53	28.06	-70.81	-13.00	57.81	Vertical
5	3960.5714	42.89	-46.21	29.34	-69.24	-13.00	56.24	Vertical
6	5465.1429	41.92	-45.08	32.24	-66.18	-13.00	53.18	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	1398.2857	44.41	-48.00	25.20	-73.65	-13.00	60.65	Horizontal
2	1792	44.36	-47.97	25.59	-73.27	-13.00	60.27	Horizontal
3	2037.7143	43.82	-47.83	26.28	-72.99	-13.00	59.99	Horizontal
4	2709.7143	43.49	-47.04	27.58	-71.23	-13.00	58.23	Horizontal
5	3422.2857	42.36	-46.54	28.52	-70.92	-13.00	57.92	Horizontal
6	4438.2857	42.46	-45.78	30.45	-68.13	-13.00	55.13	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1544	43.91	-48.30	25.34	-74.31	-13.00	61.31	Vertical
2	1986.8571	43.88	-47.92	26.16	-73.14	-13.00	60.14	Vertical
3	2761.1429	43.18	-46.97	27.67	-71.38	-13.00	58.38	Vertical
4	3213.1429	43.07	-46.34	28.31	-70.22	-13.00	57.22	Vertical
5	4371.4286	42.17	-45.86	30.29	-68.66	-13.00	55.66	Vertical
6	6665.1429	40.58	-44.21	34.40	-64.49	-13.00	51.49	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	4555	44.04	-45.69	30.69	-66.22	-40.00	26.22	Horizontal
2	5410	43.51	-45.29	32.14	-64.91	-40.00	24.91	Horizontal
3	6609.5	41.64	-44.30	34.30	-63.62	-40.00	23.62	Horizontal
4	7977	41.22	-42.46	37.07	-59.43	-40.00	19.43	Horizontal
5	10694.5	34.61	-37.91	38.57	-59.99	-40.00	19.99	Horizontal
6	12928	35.48	-37.17	39.38	-57.57	-40.00	17.57	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3956.5	43.50	-46.14	29.33	-68.57	-40.00	28.57	Vertical
2	5375.5	43.79	-45.25	32.08	-64.64	-40.00	24.64	Vertical
3	6107.5	43.99	-44.47	32.77	-62.98	-40.00	22.98	Vertical
4	8405.5	39.31	-41.46	36.86	-60.55	-40.00	20.55	Vertical
5	10768	35.09	-38.38	38.58	-59.97	-40.00	19.97	Vertical
6	13966.5	33.88	-35.63	40.75	-56.26	-40.00	16.26	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	4275.5	43.15	-45.60	30.06	-67.65	-40.00	27.65	Horizontal
2	5650	42.79	-44.96	32.33	-65.10	-40.00	25.10	Horizontal
3	6730	42.15	-43.92	34.51	-62.51	-40.00	22.51	Horizontal
4	8527	39.55	-41.54	36.78	-60.47	-40.00	20.47	Horizontal
5	11287	34.24	-37.42	38.74	-59.69	-40.00	19.69	Horizontal
6	12541	34.40	-37.22	39.26	-58.82	-40.00	18.82	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	4197.5	43.10	-45.77	29.87	-68.06	-40.00	28.06	Vertical
2	5196	43.56	-45.28	31.75	-65.23	-40.00	25.23	Vertical
3	6265.5	43.56	-44.62	33.30	-63.01	-40.00	23.01	Vertical
4	7606	41.34	-42.94	36.55	-60.31	-40.00	20.31	Vertical
5	9298	36.98	-40.22	37.10	-61.40	-40.00	21.40	Vertical
6	12059	35.24	-37.46	39.12	-58.36	-40.00	18.36	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	4203	43.97	-45.76	29.89	-67.17	-40.00	27.17	Horizontal
2	5959	42.49	-44.89	32.39	-65.27	-40.00	25.27	Horizontal
3	6807.5	42.29	-44.16	34.65	-62.48	-40.00	22.48	Horizontal
4	8452.5	39.47	-41.54	36.83	-60.50	-40.00	20.50	Horizontal
5	11283	34.65	-37.41	38.74	-59.28	-40.00	19.28	Horizontal
6	12773.5	35.26	-36.79	39.33	-57.46	-40.00	17.46	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	4419.5	43.65	-45.80	30.41	-67.00	-40.00	27.00	Vertical
2	5569	43.08	-45.12	32.31	-64.99	-40.00	24.99	Vertical
3	6899	42.11	-44.10	34.82	-62.43	-40.00	22.43	Vertical
4	8910	39.05	-41.22	36.55	-60.87	-40.00	20.87	Vertical
5	11125.5	34.56	-37.82	38.66	-59.86	-40.00	19.86	Vertical
6	14228	33.02	-35.54	40.98	-56.80	-40.00	16.80	Vertical