



Appendix A.25

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 15_S_5M_NTNV_ERP

5G NR n5 SCS=15kHz SISO 5MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			ERP(dBm)				Verdict
			Ant0	Ant2	Sum	Ant0	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	826.5	Edge_1RB_Left	22.92	/	/	17.58	/	/	<=38.45	Pass
		Edge_1RB_Right	22.85	/	/	17.51	/	/	<=38.45	Pass
		Outer_Full	22.87	/	/	17.53	/	/	<=38.45	Pass
		Inner_Full	23.15	/	/	17.81	/	/	<=38.45	Pass
		Inner_1RB_Left	23.36	/	/	18.02	/	/	<=38.45	Pass
		Inner_1RB_Right	23.35	/	/	18.01	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	22.77	/	/	17.43	/	/	<=38.45	Pass
		Edge_1RB_Right	22.64	/	/	17.30	/	/	<=38.45	Pass
		Outer_Full	22.70	/	/	17.36	/	/	<=38.45	Pass
		Inner_Full	23.19	/	/	17.85	/	/	<=38.45	Pass
		Inner_1RB_Left	23.28	/	/	17.94	/	/	<=38.45	Pass
		Inner_1RB_Right	23.25	/	/	17.91	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	22.68	/	/	17.34	/	/	<=38.45	Pass
		Edge_1RB_Right	22.65	/	/	17.31	/	/	<=38.45	Pass
		Outer_Full	22.58	/	/	17.24	/	/	<=38.45	Pass
		Inner_Full	23.05	/	/	17.71	/	/	<=38.45	Pass
		Inner_1RB_Left	23.24	/	/	17.90	/	/	<=38.45	Pass
		Inner_1RB_Right	23.14	/	/	17.80	/	/	<=38.45	Pass
DFT-s-OFDM QPSK	826.5	Edge_1RB_Left	22.39	/	/	17.05	/	/	<=38.45	Pass
		Edge_1RB_Right	22.26	/	/	16.92	/	/	<=38.45	Pass
		Outer_Full	22.31	/	/	16.97	/	/	<=38.45	Pass
		Inner_Full	23.24	/	/	17.90	/	/	<=38.45	Pass
		Inner_1RB_Left	23.39	/	/	18.05	/	/	<=38.45	Pass
		Inner_1RB_Right	23.36	/	/	18.02	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	22.31	/	/	16.97	/	/	<=38.45	Pass
		Edge_1RB_Right	22.28	/	/	16.94	/	/	<=38.45	Pass
		Outer_Full	22.23	/	/	16.89	/	/	<=38.45	Pass
		Inner_Full	23.14	/	/	17.80	/	/	<=38.45	Pass
		Inner_1RB_Left	23.27	/	/	17.93	/	/	<=38.45	Pass
		Inner_1RB_Right	23.32	/	/	17.98	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	22.13	/	/	16.79	/	/	<=38.45	Pass
		Edge_1RB_Right	22.06	/	/	16.72	/	/	<=38.45	Pass
		Outer_Full	22.03	/	/	16.69	/	/	<=38.45	Pass
		Inner_Full	23.02	/	/	17.68	/	/	<=38.45	Pass
		Inner_1RB_Left	23.15	/	/	17.81	/	/	<=38.45	Pass
		Inner_1RB_Right	23.13	/	/	17.79	/	/	<=38.45	Pass
DFT-s-OFDM 16 QAM	826.5	Edge_1RB_Left	21.59	/	/	16.25	/	/	<=38.45	Pass
		Edge_1RB_Right	21.58	/	/	16.24	/	/	<=38.45	Pass
		Outer_Full	21.29	/	/	15.95	/	/	<=38.45	Pass
		Inner_Full	22.23	/	/	16.89	/	/	<=38.45	Pass

		Inner_1RB_Left	22.57	/	/	17.23	/	/	<=38.45	Pass
		Inner_1RB_Right	22.55	/	/	17.21	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.44	/	/	16.10	/	/	<=38.45	Pass
		Edge_1RB_Right	21.43	/	/	16.09	/	/	<=38.45	Pass
		Outer_Full	21.18	/	/	15.84	/	/	<=38.45	Pass
		Inner_Full	22.05	/	/	16.71	/	/	<=38.45	Pass
		Inner_1RB_Left	22.50	/	/	17.16	/	/	<=38.45	Pass
		Inner_1RB_Right	22.56	/	/	17.22	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	21.34	/	/	16.00	/	/	<=38.45	Pass
		Edge_1RB_Right	21.33	/	/	15.99	/	/	<=38.45	Pass
		Outer_Full	21.05	/	/	15.71	/	/	<=38.45	Pass
		Inner_Full	22.04	/	/	16.70	/	/	<=38.45	Pass
		Inner_1RB_Left	22.44	/	/	17.10	/	/	<=38.45	Pass
		Inner_1RB_Right	22.36	/	/	17.02	/	/	<=38.45	Pass
DFT-s-OFDM 64 QAM	826.5	Edge_1RB_Left	21.00	/	/	15.66	/	/	<=38.45	Pass
		Edge_1RB_Right	21.01	/	/	15.67	/	/	<=38.45	Pass
		Outer_Full	20.76	/	/	15.42	/	/	<=38.45	Pass
		Inner_Full	20.78	/	/	15.44	/	/	<=38.45	Pass
		Inner_1RB_Left	21.13	/	/	15.79	/	/	<=38.45	Pass
		Inner_1RB_Right	20.99	/	/	15.65	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	20.94	/	/	15.60	/	/	<=38.45	Pass
		Edge_1RB_Right	20.95	/	/	15.61	/	/	<=38.45	Pass
		Outer_Full	20.63	/	/	15.29	/	/	<=38.45	Pass
		Inner_Full	20.58	/	/	15.24	/	/	<=38.45	Pass
		Inner_1RB_Left	20.98	/	/	15.64	/	/	<=38.45	Pass
		Inner_1RB_Right	20.86	/	/	15.52	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	20.86	/	/	15.52	/	/	<=38.45	Pass
		Edge_1RB_Right	20.77	/	/	15.43	/	/	<=38.45	Pass
		Outer_Full	20.52	/	/	15.18	/	/	<=38.45	Pass
		Inner_Full	20.48	/	/	15.14	/	/	<=38.45	Pass
		Inner_1RB_Left	20.89	/	/	15.55	/	/	<=38.45	Pass
		Inner_1RB_Right	20.79	/	/	15.45	/	/	<=38.45	Pass
DFT-s-OFDM 256 QAM	826.5	Edge_1RB_Left	18.93	/	/	13.59	/	/	<=38.45	Pass
		Edge_1RB_Right	18.90	/	/	13.56	/	/	<=38.45	Pass
		Outer_Full	18.72	/	/	13.38	/	/	<=38.45	Pass
		Inner_Full	18.81	/	/	13.47	/	/	<=38.45	Pass
		Inner_1RB_Left	18.95	/	/	13.61	/	/	<=38.45	Pass
		Inner_1RB_Right	18.88	/	/	13.54	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	18.73	/	/	13.39	/	/	<=38.45	Pass
		Edge_1RB_Right	18.75	/	/	13.41	/	/	<=38.45	Pass
		Outer_Full	18.78	/	/	13.44	/	/	<=38.45	Pass
		Inner_Full	18.63	/	/	13.29	/	/	<=38.45	Pass
		Inner_1RB_Left	18.81	/	/	13.47	/	/	<=38.45	Pass
		Inner_1RB_Right	18.72	/	/	13.38	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	18.52	/	/	13.18	/	/	<=38.45	Pass
		Edge_1RB_Right	18.46	/	/	13.12	/	/	<=38.45	Pass
		Outer_Full	18.56	/	/	13.22	/	/	<=38.45	Pass
		Inner_Full	18.55	/	/	13.21	/	/	<=38.45	Pass
		Inner_1RB_Left	18.54	/	/	13.20	/	/	<=38.45	Pass
		Inner_1RB_Right	18.47	/	/	13.13	/	/	<=38.45	Pass
CP-OFDM QPSK	826.5	Edge_1RB_Left	20.47	/	/	15.13	/	/	<=38.45	Pass
		Edge_1RB_Right	20.47	/	/	15.13	/	/	<=38.45	Pass
		Outer_Full	20.34	/	/	15.00	/	/	<=38.45	Pass

		Inner Full	22.40	/	/	17.06	/	/	<=38.45	Pass
		Inner 1RB Left	22.14	/	/	16.80	/	/	<=38.45	Pass
		Inner 1RB Right	22.14	/	/	16.80	/	/	<=38.45	Pass
	836.5	Edge 1RB Left	20.25	/	/	14.91	/	/	<=38.45	Pass
		Edge 1RB Right	20.37	/	/	15.03	/	/	<=38.45	Pass
		Outer Full	20.18	/	/	14.84	/	/	<=38.45	Pass
		Inner Full	21.73	/	/	16.39	/	/	<=38.45	Pass
		Inner 1RB Left	21.84	/	/	16.50	/	/	<=38.45	Pass
		Inner 1RB Right	21.90	/	/	16.56	/	/	<=38.45	Pass
	846.5	Edge 1RB Left	20.12	/	/	14.78	/	/	<=38.45	Pass
		Edge 1RB Right	20.08	/	/	14.74	/	/	<=38.45	Pass
		Outer Full	20.06	/	/	14.72	/	/	<=38.45	Pass
		Inner Full	21.61	/	/	16.27	/	/	<=38.45	Pass
		Inner 1RB Left	21.81	/	/	16.47	/	/	<=38.45	Pass
		Inner 1RB Right	21.81	/	/	16.47	/	/	<=38.45	Pass
CP-OFDM 16 QAM	826.5	Edge 1RB Left	20.38	/	/	15.04	/	/	<=38.45	Pass
		Edge 1RB Right	20.38	/	/	15.04	/	/	<=38.45	Pass
		Outer Full	20.32	/	/	14.98	/	/	<=38.45	Pass
		Inner Full	21.43	/	/	16.09	/	/	<=38.45	Pass
		Inner 1RB Left	21.36	/	/	16.02	/	/	<=38.45	Pass
		Inner 1RB Right	21.43	/	/	16.09	/	/	<=38.45	Pass
	836.5	Edge 1RB Left	20.35	/	/	15.01	/	/	<=38.45	Pass
		Edge 1RB Right	20.48	/	/	15.14	/	/	<=38.45	Pass
		Outer Full	20.19	/	/	14.85	/	/	<=38.45	Pass
		Inner Full	21.25	/	/	15.91	/	/	<=38.45	Pass
		Inner 1RB Left	21.35	/	/	16.01	/	/	<=38.45	Pass
		Inner 1RB Right	21.41	/	/	16.08	/	/	<=38.45	Pass
	846.5	Edge 1RB Left	20.21	/	/	14.87	/	/	<=38.45	Pass
		Edge 1RB Right	20.28	/	/	14.94	/	/	<=38.45	Pass
		Outer Full	20.13	/	/	14.79	/	/	<=38.45	Pass
		Inner Full	21.22	/	/	15.88	/	/	<=38.45	Pass
		Inner 1RB Left	21.40	/	/	16.06	/	/	<=38.45	Pass
		Inner 1RB Right	21.27	/	/	15.93	/	/	<=38.45	Pass
CP-OFDM 64 QAM	826.5	Edge 1RB Left	20.11	/	/	14.77	/	/	<=38.45	Pass
		Edge 1RB Right	20.15	/	/	14.81	/	/	<=38.45	Pass
		Outer Full	19.87	/	/	14.53	/	/	<=38.45	Pass
		Inner Full	19.78	/	/	14.44	/	/	<=38.45	Pass
		Inner 1RB Left	20.25	/	/	14.91	/	/	<=38.45	Pass
		Inner 1RB Right	20.22	/	/	14.88	/	/	<=38.45	Pass
	836.5	Edge 1RB Left	19.84	/	/	14.50	/	/	<=38.45	Pass
		Edge 1RB Right	19.95	/	/	14.61	/	/	<=38.45	Pass
		Outer Full	19.58	/	/	14.24	/	/	<=38.45	Pass
		Inner Full	19.66	/	/	14.32	/	/	<=38.45	Pass
		Inner 1RB Left	19.93	/	/	14.59	/	/	<=38.45	Pass
		Inner 1RB Right	20.04	/	/	14.70	/	/	<=38.45	Pass
	846.5	Edge 1RB Left	19.90	/	/	14.56	/	/	<=38.45	Pass
		Edge 1RB Right	19.86	/	/	14.52	/	/	<=38.45	Pass
		Outer Full	19.64	/	/	14.30	/	/	<=38.45	Pass
		Inner Full	19.63	/	/	14.29	/	/	<=38.45	Pass
		Inner 1RB Left	19.94	/	/	14.60	/	/	<=38.45	Pass
		Inner 1RB Right	19.88	/	/	14.54	/	/	<=38.45	Pass
CP-OFDM 256 QAM	826.5	Edge 1RB Left	16.79	/	/	11.45	/	/	<=38.45	Pass
		Edge 1RB Right	16.75	/	/	11.42	/	/	<=38.45	Pass



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		Outer Full	16.82	/	/	11.48	/	/	<=38.45	Pass
		Inner Full	16.84	/	/	11.50	/	/	<=38.45	Pass
		Inner 1RB Left	16.95	/	/	11.61	/	/	<=38.45	Pass
		Inner 1RB Right	16.84	/	/	11.50	/	/	<=38.45	Pass
	836.5	Edge 1RB Left	16.54	/	/	11.20	/	/	<=38.45	Pass
		Edge 1RB Right	16.66	/	/	11.32	/	/	<=38.45	Pass
		Outer Full	16.70	/	/	11.36	/	/	<=38.45	Pass
		Inner Full	16.62	/	/	11.28	/	/	<=38.45	Pass
	846.5	Inner 1RB Left	16.59	/	/	11.25	/	/	<=38.45	Pass
		Inner 1RB Right	16.62	/	/	11.28	/	/	<=38.45	Pass
		Edge 1RB Left	16.66	/	/	11.32	/	/	<=38.45	Pass
		Edge 1RB Right	16.59	/	/	11.25	/	/	<=38.45	Pass
		Outer Full	16.61	/	/	11.27	/	/	<=38.45	Pass
		Inner Full	16.68	/	/	11.34	/	/	<=38.45	Pass
		Inner 1RB Left	16.78	/	/	11.44	/	/	<=38.45	Pass
		Inner 1RB Right	16.78	/	/	11.44	/	/	<=38.45	Pass

Note1: Antenna Gain: Ant0: -3.19dBi;
Note2: ERP=Conducted Power+Antenna Gain-2.15

1.1.2 15_S_10M_NTNV_ERP

5G NR n5 SCS=15kHz SISO 10MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			ERP(dBm)				Verdict
			Ant0	Ant2	Sum	Ant0	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	829	Edge 1RB Left	22.85	/	/	17.51	/	/	<=38.45	Pass
		Edge 1RB Right	22.72	/	/	17.38	/	/	<=38.45	Pass
		Outer Full	22.92	/	/	17.58	/	/	<=38.45	Pass
		Inner Full	23.32	/	/	17.98	/	/	<=38.45	Pass
		Inner 1RB Left	23.42	/	/	18.08	/	/	<=38.45	Pass
		Inner 1RB Right	23.28	/	/	17.94	/	/	<=38.45	Pass
	836.5	Edge 1RB Left	22.68	/	/	17.34	/	/	<=38.45	Pass
		Edge 1RB Right	22.71	/	/	17.37	/	/	<=38.45	Pass
		Outer Full	22.81	/	/	17.47	/	/	<=38.45	Pass
		Inner Full	23.16	/	/	17.82	/	/	<=38.45	Pass
		Inner 1RB Left	23.23	/	/	17.89	/	/	<=38.45	Pass
		Inner 1RB Right	23.12	/	/	17.78	/	/	<=38.45	Pass
	844	Edge 1RB Left	22.72	/	/	17.38	/	/	<=38.45	Pass
		Edge 1RB Right	22.61	/	/	17.27	/	/	<=38.45	Pass
		Outer Full	22.74	/	/	17.40	/	/	<=38.45	Pass
		Inner Full	23.05	/	/	17.71	/	/	<=38.45	Pass
		Inner 1RB Left	23.25	/	/	17.91	/	/	<=38.45	Pass
		Inner 1RB Right	23.07	/	/	17.73	/	/	<=38.45	Pass
DFT-s-OFDM QPSK	829	Edge 1RB Left	22.36	/	/	17.02	/	/	<=38.45	Pass
		Edge 1RB Right	22.20	/	/	16.86	/	/	<=38.45	Pass
		Outer Full	22.39	/	/	17.05	/	/	<=38.45	Pass
		Inner Full	23.27	/	/	17.93	/	/	<=38.45	Pass
		Inner 1RB Left	23.41	/	/	18.07	/	/	<=38.45	Pass
		Inner 1RB Right	23.25	/	/	17.91	/	/	<=38.45	Pass
	836.5	Edge 1RB Left	22.27	/	/	16.93	/	/	<=38.45	Pass
		Edge 1RB Right	22.22	/	/	16.88	/	/	<=38.45	Pass
		Outer Full	22.26	/	/	16.92	/	/	<=38.45	Pass

		Inner Full	23.22	/	/	17.88	/	/	<=38.45	Pass
		Inner 1RB Left	23.34	/	/	18.00	/	/	<=38.45	Pass
		Inner 1RB Right	23.20	/	/	17.86	/	/	<=38.45	Pass
	844	Edge 1RB Left	22.15	/	/	16.81	/	/	<=38.45	Pass
		Edge 1RB Right	21.97	/	/	16.63	/	/	<=38.45	Pass
		Outer Full	22.30	/	/	16.96	/	/	<=38.45	Pass
		Inner Full	23.14	/	/	17.80	/	/	<=38.45	Pass
		Inner 1RB Left	23.16	/	/	17.82	/	/	<=38.45	Pass
		Inner 1RB Right	23.12	/	/	17.78	/	/	<=38.45	Pass
		Edge 1RB Left	21.56	/	/	16.22	/	/	<=38.45	Pass
DFT-s-OFDM 16 QAM	829	Edge 1RB Right	21.45	/	/	16.11	/	/	<=38.45	Pass
		Outer Full	21.32	/	/	15.98	/	/	<=38.45	Pass
		Inner Full	22.33	/	/	16.99	/	/	<=38.45	Pass
		Inner 1RB Left	22.66	/	/	17.32	/	/	<=38.45	Pass
		Inner 1RB Right	22.50	/	/	17.16	/	/	<=38.45	Pass
		Edge 1RB Left	21.44	/	/	16.10	/	/	<=38.45	Pass
	836.5	Edge 1RB Right	21.42	/	/	16.08	/	/	<=38.45	Pass
		Outer Full	21.27	/	/	15.93	/	/	<=38.45	Pass
		Inner Full	22.27	/	/	16.93	/	/	<=38.45	Pass
		Inner 1RB Left	22.54	/	/	17.20	/	/	<=38.45	Pass
		Inner 1RB Right	22.45	/	/	17.11	/	/	<=38.45	Pass
		Edge 1RB Left	21.36	/	/	16.02	/	/	<=38.45	Pass
DFT-s-OFDM 64 QAM	844	Edge 1RB Right	21.22	/	/	15.88	/	/	<=38.45	Pass
		Outer Full	21.11	/	/	15.77	/	/	<=38.45	Pass
		Inner Full	22.16	/	/	16.82	/	/	<=38.45	Pass
		Inner 1RB Left	22.49	/	/	17.15	/	/	<=38.45	Pass
		Inner 1RB Right	22.28	/	/	16.94	/	/	<=38.45	Pass
		Edge 1RB Left	21.06	/	/	15.72	/	/	<=38.45	Pass
	829	Edge 1RB Right	20.87	/	/	15.53	/	/	<=38.45	Pass
		Outer Full	20.85	/	/	15.51	/	/	<=38.45	Pass
		Inner Full	20.75	/	/	15.41	/	/	<=38.45	Pass
		Inner 1RB Left	21.12	/	/	15.78	/	/	<=38.45	Pass
		Inner 1RB Right	20.90	/	/	15.56	/	/	<=38.45	Pass
		Edge 1RB Left	20.90	/	/	15.56	/	/	<=38.45	Pass
	836.5	Edge 1RB Right	20.79	/	/	15.45	/	/	<=38.45	Pass
		Outer Full	20.76	/	/	15.42	/	/	<=38.45	Pass
		Inner Full	20.84	/	/	15.50	/	/	<=38.45	Pass
		Inner 1RB Left	20.95	/	/	15.61	/	/	<=38.45	Pass
		Inner 1RB Right	20.96	/	/	15.62	/	/	<=38.45	Pass
		Edge 1RB Left	20.89	/	/	15.55	/	/	<=38.45	Pass
DFT-s-OFDM 256 QAM	844	Edge 1RB Right	20.66	/	/	15.32	/	/	<=38.45	Pass
		Outer Full	20.72	/	/	15.38	/	/	<=38.45	Pass
		Inner Full	20.67	/	/	15.33	/	/	<=38.45	Pass
		Inner 1RB Left	20.90	/	/	15.56	/	/	<=38.45	Pass
		Inner 1RB Right	20.80	/	/	15.46	/	/	<=38.45	Pass
		Edge 1RB Left	18.93	/	/	13.60	/	/	<=38.45	Pass
	829	Edge 1RB Right	18.71	/	/	13.37	/	/	<=38.45	Pass
		Outer Full	18.84	/	/	13.50	/	/	<=38.45	Pass
		Inner Full	18.72	/	/	13.38	/	/	<=38.45	Pass
		Inner 1RB Left	18.91	/	/	13.57	/	/	<=38.45	Pass
	836.5	Inner 1RB Right	18.81	/	/	13.47	/	/	<=38.45	Pass
		Edge 1RB Left	18.83	/	/	13.49	/	/	<=38.45	Pass
		Edge 1RB Right	18.70	/	/	13.36	/	/	<=38.45	Pass

		Outer_Full	18.99	/	/	13.65	/	/	<=38.45	Pass
		Inner_Full	18.77	/	/	13.43	/	/	<=38.45	Pass
		Inner_1RB_Left	18.92	/	/	13.58	/	/	<=38.45	Pass
		Inner_1RB_Right	18.79	/	/	13.45	/	/	<=38.45	Pass
	844	Edge_1RB_Left	18.70	/	/	13.36	/	/	<=38.45	Pass
		Edge_1RB_Right	18.55	/	/	13.21	/	/	<=38.45	Pass
		Outer_Full	18.75	/	/	13.41	/	/	<=38.45	Pass
		Inner_Full	18.60	/	/	13.26	/	/	<=38.45	Pass
		Inner_1RB_Left	18.79	/	/	13.45	/	/	<=38.45	Pass
		Inner_1RB_Right	18.59	/	/	13.25	/	/	<=38.45	Pass
		Edge_1RB_Left	20.31	/	/	14.97	/	/	<=38.45	Pass
		Edge_1RB_Right	20.30	/	/	14.96	/	/	<=38.45	Pass
CP-OFDM QPSK	829	Outer_Full	20.35	/	/	15.01	/	/	<=38.45	Pass
		Inner_Full	21.75	/	/	16.42	/	/	<=38.45	Pass
		Inner_1RB_Left	22.00	/	/	16.66	/	/	<=38.45	Pass
		Inner_1RB_Right	21.70	/	/	16.36	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	20.33	/	/	14.99	/	/	<=38.45	Pass
		Edge_1RB_Right	20.19	/	/	14.85	/	/	<=38.45	Pass
		Outer_Full	20.30	/	/	14.96	/	/	<=38.45	Pass
		Inner_Full	21.78	/	/	16.44	/	/	<=38.45	Pass
		Inner_1RB_Left	22.11	/	/	16.77	/	/	<=38.45	Pass
		Inner_1RB_Right	21.89	/	/	16.55	/	/	<=38.45	Pass
	844	Edge_1RB_Left	20.10	/	/	14.76	/	/	<=38.45	Pass
		Edge_1RB_Right	19.92	/	/	14.58	/	/	<=38.45	Pass
		Outer_Full	20.18	/	/	14.84	/	/	<=38.45	Pass
		Inner_Full	21.66	/	/	16.32	/	/	<=38.45	Pass
		Inner_1RB_Left	21.63	/	/	16.29	/	/	<=38.45	Pass
		Inner_1RB_Right	21.46	/	/	16.12	/	/	<=38.45	Pass
CP-OFDM 16 QAM	829	Edge_1RB_Left	20.49	/	/	15.15	/	/	<=38.45	Pass
		Edge_1RB_Right	20.40	/	/	15.06	/	/	<=38.45	Pass
		Outer_Full	20.36	/	/	15.02	/	/	<=38.45	Pass
		Inner_Full	21.26	/	/	15.92	/	/	<=38.45	Pass
		Inner_1RB_Left	21.60	/	/	16.26	/	/	<=38.45	Pass
		Inner_1RB_Right	21.33	/	/	15.99	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	20.54	/	/	15.20	/	/	<=38.45	Pass
		Edge_1RB_Right	20.41	/	/	15.07	/	/	<=38.45	Pass
		Outer_Full	20.34	/	/	15.00	/	/	<=38.45	Pass
		Inner_Full	21.20	/	/	15.86	/	/	<=38.45	Pass
		Inner_1RB_Left	21.36	/	/	16.02	/	/	<=38.45	Pass
		Inner_1RB_Right	21.34	/	/	16.00	/	/	<=38.45	Pass
	844	Edge_1RB_Left	20.36	/	/	15.02	/	/	<=38.45	Pass
		Edge_1RB_Right	20.17	/	/	14.83	/	/	<=38.45	Pass
		Outer_Full	20.22	/	/	14.88	/	/	<=38.45	Pass
		Inner_Full	21.14	/	/	15.80	/	/	<=38.45	Pass
		Inner_1RB_Left	21.39	/	/	16.05	/	/	<=38.45	Pass
		Inner_1RB_Right	21.23	/	/	15.89	/	/	<=38.45	Pass
CP-OFDM 64 QAM	829	Edge_1RB_Left	20.07	/	/	14.73	/	/	<=38.45	Pass
		Edge_1RB_Right	19.88	/	/	14.54	/	/	<=38.45	Pass
		Outer_Full	19.95	/	/	14.60	/	/	<=38.45	Pass
		Inner_Full	19.80	/	/	14.46	/	/	<=38.45	Pass
		Inner_1RB_Left	20.13	/	/	14.79	/	/	<=38.45	Pass
		Inner_1RB_Right	19.95	/	/	14.61	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	19.92	/	/	14.58	/	/	<=38.45	Pass

		Edge 1RB Right	19.89	/	/	14.55	/	/	<=38.45	Pass	
		Outer Full	19.82	/	/	14.48	/	/	<=38.45	Pass	
		Inner Full	19.85	/	/	14.51	/	/	<=38.45	Pass	
		Inner 1RB Left	20.04	/	/	14.69	/	/	<=38.45	Pass	
		Inner 1RB Right	19.99	/	/	14.65	/	/	<=38.45	Pass	
	844	Edge 1RB Left	19.88	/	/	14.54	/	/	<=38.45	Pass	
		Edge 1RB Right	19.73	/	/	14.39	/	/	<=38.45	Pass	
		Outer Full	19.70	/	/	14.36	/	/	<=38.45	Pass	
		Inner Full	19.71	/	/	14.37	/	/	<=38.45	Pass	
		Inner 1RB Left	19.89	/	/	14.55	/	/	<=38.45	Pass	
			Inner 1RB Right	19.73	/	/	14.39	/	/	<=38.45	Pass
	CP-OFDM 256 QAM	829	Edge 1RB Left	16.78	/	/	11.44	/	/	<=38.45	Pass
Edge 1RB Right			16.74	/	/	11.40	/	/	<=38.45	Pass	
Outer Full			16.89	/	/	11.55	/	/	<=38.45	Pass	
Inner Full			16.82	/	/	11.48	/	/	<=38.45	Pass	
Inner 1RB Left			16.88	/	/	11.54	/	/	<=38.45	Pass	
Inner 1RB Right			16.89	/	/	11.55	/	/	<=38.45	Pass	
836.5		Edge 1RB Left	16.59	/	/	11.25	/	/	<=38.45	Pass	
		Edge 1RB Right	16.65	/	/	11.31	/	/	<=38.45	Pass	
		Outer Full	16.83	/	/	11.49	/	/	<=38.45	Pass	
		Inner Full	16.78	/	/	11.44	/	/	<=38.45	Pass	
		Inner 1RB Left	16.72	/	/	11.38	/	/	<=38.45	Pass	
		Inner 1RB Right	16.75	/	/	11.41	/	/	<=38.45	Pass	
844		Edge 1RB Left	16.62	/	/	11.29	/	/	<=38.45	Pass	
		Edge 1RB Right	16.47	/	/	11.13	/	/	<=38.45	Pass	
		Outer Full	16.72	/	/	11.38	/	/	<=38.45	Pass	
		Inner Full	16.59	/	/	11.25	/	/	<=38.45	Pass	
		Inner 1RB Left	16.65	/	/	11.31	/	/	<=38.45	Pass	
		Inner 1RB Right	16.60	/	/	11.26	/	/	<=38.45	Pass	
Note1: Antenna Gain: Ant0: -3.19dBi; Note2: ERP=Conducted Power+Antenna Gain-2.15											

1.1.3 15_S_15M_NTNV_ERP

5G NR n5 SCS=15kHz SISO 15MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			ERP(dBm)				Verdict
			Ant0	Ant2	Sum	Ant0	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	831.5	Edge 1RB Left	22.78	/	/	17.44	/	/	<=38.45	Pass
		Edge 1RB Right	22.57	/	/	17.23	/	/	<=38.45	Pass
		Outer Full	22.95	/	/	17.61	/	/	<=38.45	Pass
		Inner Full	23.29	/	/	17.95	/	/	<=38.45	Pass
		Inner 1RB Left	23.36	/	/	18.02	/	/	<=38.45	Pass
		Inner 1RB Right	23.10	/	/	17.76	/	/	<=38.45	Pass
	836.5	Edge 1RB Left	22.66	/	/	17.32	/	/	<=38.45	Pass
		Edge 1RB Right	22.47	/	/	17.13	/	/	<=38.45	Pass
		Outer Full	22.92	/	/	17.58	/	/	<=38.45	Pass
		Inner Full	23.19	/	/	17.85	/	/	<=38.45	Pass
		Inner 1RB Left	23.23	/	/	17.89	/	/	<=38.45	Pass
		Inner 1RB Right	23.09	/	/	17.75	/	/	<=38.45	Pass
	841.5	Edge 1RB Left	22.63	/	/	17.29	/	/	<=38.45	Pass
		Edge 1RB Right	22.41	/	/	17.07	/	/	<=38.45	Pass

DFT-s-OFDM QPSK		Outer Full	22.77	/	/	17.43	/	/	<=38.45	Pass
		Inner Full	23.20	/	/	17.86	/	/	<=38.45	Pass
		Inner 1RB Left	23.24	/	/	17.90	/	/	<=38.45	Pass
		Inner 1RB Right	23.03	/	/	17.69	/	/	<=38.45	Pass
	831.5	Edge 1RB Left	22.32	/	/	16.98	/	/	<=38.45	Pass
		Edge 1RB Right	22.12	/	/	16.78	/	/	<=38.45	Pass
		Outer Full	22.41	/	/	17.07	/	/	<=38.45	Pass
		Inner Full	23.20	/	/	17.86	/	/	<=38.45	Pass
	836.5	Inner 1RB Left	23.35	/	/	18.01	/	/	<=38.45	Pass
		Inner 1RB Right	23.14	/	/	17.81	/	/	<=38.45	Pass
		Edge 1RB Left	22.22	/	/	16.88	/	/	<=38.45	Pass
		Edge 1RB Right	21.94	/	/	16.60	/	/	<=38.45	Pass
DFT-s-OFDM 16 QAM	831.5	Outer Full	22.31	/	/	16.97	/	/	<=38.45	Pass
		Inner Full	23.28	/	/	17.94	/	/	<=38.45	Pass
		Inner 1RB Left	23.29	/	/	17.95	/	/	<=38.45	Pass
		Inner 1RB Right	23.04	/	/	17.70	/	/	<=38.45	Pass
	836.5	Edge 1RB Left	22.13	/	/	16.79	/	/	<=38.45	Pass
		Edge 1RB Right	21.89	/	/	16.55	/	/	<=38.45	Pass
		Outer Full	22.26	/	/	16.92	/	/	<=38.45	Pass
		Inner Full	23.20	/	/	17.86	/	/	<=38.45	Pass
	841.5	Inner 1RB Left	23.13	/	/	17.79	/	/	<=38.45	Pass
		Inner 1RB Right	22.98	/	/	17.64	/	/	<=38.45	Pass
		Edge 1RB Left	21.42	/	/	16.08	/	/	<=38.45	Pass
		Edge 1RB Right	21.29	/	/	15.95	/	/	<=38.45	Pass
DFT-s-OFDM 64 QAM	831.5	Outer Full	21.32	/	/	15.98	/	/	<=38.45	Pass
		Inner Full	22.33	/	/	16.99	/	/	<=38.45	Pass
		Inner 1RB Left	22.46	/	/	17.12	/	/	<=38.45	Pass
		Inner 1RB Right	22.33	/	/	16.99	/	/	<=38.45	Pass
	836.5	Edge 1RB Left	21.32	/	/	15.98	/	/	<=38.45	Pass
		Edge 1RB Right	21.14	/	/	15.80	/	/	<=38.45	Pass
		Outer Full	21.31	/	/	15.97	/	/	<=38.45	Pass
		Inner Full	22.34	/	/	17.00	/	/	<=38.45	Pass
	841.5	Inner 1RB Left	22.40	/	/	17.06	/	/	<=38.45	Pass
		Inner 1RB Right	22.29	/	/	16.95	/	/	<=38.45	Pass
		Edge 1RB Left	21.26	/	/	15.92	/	/	<=38.45	Pass
		Edge 1RB Right	21.08	/	/	15.74	/	/	<=38.45	Pass
DFT-s-OFDM 256 QAM	831.5	Outer Full	21.25	/	/	15.91	/	/	<=38.45	Pass
		Inner Full	22.30	/	/	16.96	/	/	<=38.45	Pass
		Inner 1RB Left	22.30	/	/	16.96	/	/	<=38.45	Pass
		Inner 1RB Right	22.22	/	/	16.88	/	/	<=38.45	Pass
	836.5	Edge 1RB Left	20.86	/	/	15.52	/	/	<=38.45	Pass
		Edge 1RB Right	20.72	/	/	15.38	/	/	<=38.45	Pass
		Outer Full	20.88	/	/	15.54	/	/	<=38.45	Pass
		Inner Full	20.70	/	/	15.36	/	/	<=38.45	Pass
	841.5	Inner 1RB Left	20.92	/	/	15.58	/	/	<=38.45	Pass
		Inner 1RB Right	20.85	/	/	15.51	/	/	<=38.45	Pass
		Edge 1RB Left	20.82	/	/	15.48	/	/	<=38.45	Pass
		Edge 1RB Right	20.69	/	/	15.35	/	/	<=38.45	Pass
DFT-s-OFDM 1024 QAM	831.5	Outer Full	20.75	/	/	15.41	/	/	<=38.45	Pass
		Inner Full	20.70	/	/	15.36	/	/	<=38.45	Pass
		Inner 1RB Left	20.88	/	/	15.54	/	/	<=38.45	Pass
		Inner 1RB Right	20.77	/	/	15.43	/	/	<=38.45	Pass
	836.5	Edge 1RB Left	20.73	/	/	15.39	/	/	<=38.45	Pass
		Edge 1RB Right	20.60	/	/	15.26	/	/	<=38.45	Pass
		Outer Full	20.75	/	/	15.41	/	/	<=38.45	Pass
		Inner Full	20.70	/	/	15.36	/	/	<=38.45	Pass
	841.5	Inner 1RB Left	20.88	/	/	15.54	/	/	<=38.45	Pass
		Inner 1RB Right	20.77	/	/	15.43	/	/	<=38.45	Pass
		Edge 1RB Left	20.73	/	/	15.39	/	/	<=38.45	Pass
		Edge 1RB Right	20.60	/	/	15.26	/	/	<=38.45	Pass

		Edge_1RB_Right	20.60	/	/	15.26	/	/	<=38.45	Pass
		Outer_Full	20.72	/	/	15.38	/	/	<=38.45	Pass
		Inner_Full	20.66	/	/	15.32	/	/	<=38.45	Pass
		Inner_1RB_Left	20.80	/	/	15.46	/	/	<=38.45	Pass
		Inner_1RB_Right	20.63	/	/	15.29	/	/	<=38.45	Pass
DFT-s-OFDM 256 QAM	831.5	Edge_1RB_Left	18.79	/	/	13.45	/	/	<=38.45	Pass
		Edge_1RB_Right	18.70	/	/	13.36	/	/	<=38.45	Pass
		Outer_Full	18.91	/	/	13.57	/	/	<=38.45	Pass
		Inner_Full	18.76	/	/	13.42	/	/	<=38.45	Pass
		Inner_1RB_Left	18.84	/	/	13.50	/	/	<=38.45	Pass
		Inner_1RB_Right	18.80	/	/	13.46	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	18.73	/	/	13.39	/	/	<=38.45	Pass
		Edge_1RB_Right	18.69	/	/	13.35	/	/	<=38.45	Pass
		Outer_Full	18.91	/	/	13.57	/	/	<=38.45	Pass
		Inner_Full	18.86	/	/	13.52	/	/	<=38.45	Pass
		Inner_1RB_Left	18.79	/	/	13.45	/	/	<=38.45	Pass
		Inner_1RB_Right	18.74	/	/	13.40	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	18.75	/	/	13.41	/	/	<=38.45	Pass
		Edge_1RB_Right	18.59	/	/	13.25	/	/	<=38.45	Pass
		Outer_Full	18.82	/	/	13.48	/	/	<=38.45	Pass
		Inner_Full	18.76	/	/	13.42	/	/	<=38.45	Pass
		Inner_1RB_Left	18.68	/	/	13.34	/	/	<=38.45	Pass
		Inner_1RB_Right	18.71	/	/	13.37	/	/	<=38.45	Pass
CP-OFDM QPSK	831.5	Edge_1RB_Left	20.28	/	/	14.94	/	/	<=38.45	Pass
		Edge_1RB_Right	20.04	/	/	14.70	/	/	<=38.45	Pass
		Outer_Full	20.35	/	/	15.01	/	/	<=38.45	Pass
		Inner_Full	21.81	/	/	16.47	/	/	<=38.45	Pass
		Inner_1RB_Left	21.82	/	/	16.48	/	/	<=38.45	Pass
		Inner_1RB_Right	21.75	/	/	16.41	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	20.23	/	/	14.89	/	/	<=38.45	Pass
		Edge_1RB_Right	19.95	/	/	14.61	/	/	<=38.45	Pass
		Outer_Full	20.23	/	/	14.89	/	/	<=38.45	Pass
		Inner_Full	21.72	/	/	16.38	/	/	<=38.45	Pass
		Inner_1RB_Left	21.99	/	/	16.65	/	/	<=38.45	Pass
		Inner_1RB_Right	21.81	/	/	16.47	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	20.15	/	/	14.81	/	/	<=38.45	Pass
		Edge_1RB_Right	19.96	/	/	14.62	/	/	<=38.45	Pass
		Outer_Full	20.23	/	/	14.89	/	/	<=38.45	Pass
		Inner_Full	21.68	/	/	16.34	/	/	<=38.45	Pass
		Inner_1RB_Left	21.78	/	/	16.44	/	/	<=38.45	Pass
		Inner_1RB_Right	21.68	/	/	16.34	/	/	<=38.45	Pass
CP-OFDM 16 QAM	831.5	Edge_1RB_Left	20.41	/	/	15.07	/	/	<=38.45	Pass
		Edge_1RB_Right	20.28	/	/	14.94	/	/	<=38.45	Pass
		Outer_Full	20.35	/	/	15.01	/	/	<=38.45	Pass
		Inner_Full	21.28	/	/	15.94	/	/	<=38.45	Pass
		Inner_1RB_Left	21.52	/	/	16.18	/	/	<=38.45	Pass
		Inner_1RB_Right	21.26	/	/	15.92	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	20.38	/	/	15.04	/	/	<=38.45	Pass
		Edge_1RB_Right	20.22	/	/	14.88	/	/	<=38.45	Pass
		Outer_Full	20.37	/	/	15.03	/	/	<=38.45	Pass
		Inner_Full	21.27	/	/	15.93	/	/	<=38.45	Pass
		Inner_1RB_Left	21.28	/	/	15.94	/	/	<=38.45	Pass
		Inner_1RB_Right	21.18	/	/	15.84	/	/	<=38.45	Pass

	841.5	Edge_1RB_Left	20.25	/	/	14.91	/	/	<=38.45	Pass
		Edge_1RB_Right	20.17	/	/	14.83	/	/	<=38.45	Pass
		Outer_Full	20.25	/	/	14.91	/	/	<=38.45	Pass
		Inner_Full	21.16	/	/	15.82	/	/	<=38.45	Pass
		Inner_1RB_Left	21.38	/	/	16.04	/	/	<=38.45	Pass
		Inner_1RB_Right	21.12	/	/	15.78	/	/	<=38.45	Pass
CP-OFDM 64 QAM	831.5	Edge_1RB_Left	19.91	/	/	14.57	/	/	<=38.45	Pass
		Edge_1RB_Right	19.88	/	/	14.54	/	/	<=38.45	Pass
		Outer_Full	19.84	/	/	14.50	/	/	<=38.45	Pass
		Inner_Full	19.75	/	/	14.41	/	/	<=38.45	Pass
		Inner_1RB_Left	19.98	/	/	14.64	/	/	<=38.45	Pass
		Inner_1RB_Right	19.89	/	/	14.55	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	19.89	/	/	14.55	/	/	<=38.45	Pass
		Edge_1RB_Right	19.80	/	/	14.46	/	/	<=38.45	Pass
		Outer_Full	19.85	/	/	14.51	/	/	<=38.45	Pass
		Inner_Full	19.75	/	/	14.41	/	/	<=38.45	Pass
		Inner_1RB_Left	19.95	/	/	14.61	/	/	<=38.45	Pass
		Inner_1RB_Right	19.86	/	/	14.52	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	19.85	/	/	14.51	/	/	<=38.45	Pass
		Edge_1RB_Right	19.67	/	/	14.33	/	/	<=38.45	Pass
		Outer_Full	19.81	/	/	14.47	/	/	<=38.45	Pass
		Inner_Full	19.71	/	/	14.37	/	/	<=38.45	Pass
		Inner_1RB_Left	19.89	/	/	14.55	/	/	<=38.45	Pass
		Inner_1RB_Right	19.70	/	/	14.36	/	/	<=38.45	Pass
CP-OFDM 256 QAM	831.5	Edge_1RB_Left	16.72	/	/	11.38	/	/	<=38.45	Pass
		Edge_1RB_Right	16.79	/	/	11.45	/	/	<=38.45	Pass
		Outer_Full	16.91	/	/	11.57	/	/	<=38.45	Pass
		Inner_Full	16.82	/	/	11.48	/	/	<=38.45	Pass
		Inner_1RB_Left	16.79	/	/	11.45	/	/	<=38.45	Pass
		Inner_1RB_Right	16.80	/	/	11.46	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	16.64	/	/	11.31	/	/	<=38.45	Pass
		Edge_1RB_Right	16.69	/	/	11.35	/	/	<=38.45	Pass
		Outer_Full	16.85	/	/	11.51	/	/	<=38.45	Pass
		Inner_Full	16.77	/	/	11.43	/	/	<=38.45	Pass
		Inner_1RB_Left	16.85	/	/	11.51	/	/	<=38.45	Pass
		Inner_1RB_Right	16.78	/	/	11.44	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	16.71	/	/	11.37	/	/	<=38.45	Pass
		Edge_1RB_Right	16.54	/	/	11.20	/	/	<=38.45	Pass
		Outer_Full	16.74	/	/	11.40	/	/	<=38.45	Pass
		Inner_Full	16.70	/	/	11.36	/	/	<=38.45	Pass
		Inner_1RB_Left	16.68	/	/	11.34	/	/	<=38.45	Pass
		Inner_1RB_Right	16.67	/	/	11.33	/	/	<=38.45	Pass
Note1: Antenna Gain: Ant0: -3.19dBi; Note2: ERP=Conducted Power+Antenna Gain-2.15										

1.1.4 15_S_20M_NTNV_ERP

5G NR n5 SCS=15kHz SISO 20MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			ERP(dBm)				Verdict
			Ant0	Ant2	Sum	Ant0	Ant2	Sum	Limit	
DFT-s-OFDM PI/2	834	Edge_1RB_Left	22.78	/	/	17.44	/	/	<=38.45	Pass

BPSK		Edge_1RB_Right	22.48	/	/	17.15	/	/	<=38.45	Pass
		Outer_Full	22.84	/	/	17.51	/	/	<=38.45	Pass
		Inner_Full	23.36	/	/	18.02	/	/	<=38.45	Pass
		Inner_1RB_Left	23.31	/	/	17.97	/	/	<=38.45	Pass
	836.5	Inner_1RB_Right	23.09	/	/	17.75	/	/	<=38.45	Pass
		Edge_1RB_Left	22.75	/	/	17.41	/	/	<=38.45	Pass
		Edge_1RB_Right	22.55	/	/	17.21	/	/	<=38.45	Pass
		Outer_Full	22.81	/	/	17.47	/	/	<=38.45	Pass
	839	Inner_Full	23.28	/	/	17.94	/	/	<=38.45	Pass
		Inner_1RB_Left	23.37	/	/	18.03	/	/	<=38.45	Pass
		Inner_1RB_Right	23.11	/	/	17.77	/	/	<=38.45	Pass
		Edge_1RB_Left	22.66	/	/	17.32	/	/	<=38.45	Pass
		Edge_1RB_Right	22.52	/	/	17.18	/	/	<=38.45	Pass
		Outer_Full	22.74	/	/	17.40	/	/	<=38.45	Pass
		Inner_Full	23.18	/	/	17.84	/	/	<=38.45	Pass
		Inner_1RB_Left	23.18	/	/	17.84	/	/	<=38.45	Pass
		Inner_1RB_Right	23.00	/	/	17.66	/	/	<=38.45	Pass
DFT-s-OFDM QPSK	834	Edge_1RB_Left	22.30	/	/	16.96	/	/	<=38.45	Pass
		Edge_1RB_Right	21.99	/	/	16.65	/	/	<=38.45	Pass
		Outer_Full	22.32	/	/	16.98	/	/	<=38.45	Pass
		Inner_Full	23.18	/	/	17.84	/	/	<=38.45	Pass
	836.5	Inner_1RB_Left	23.23	/	/	17.89	/	/	<=38.45	Pass
		Inner_1RB_Right	23.08	/	/	17.74	/	/	<=38.45	Pass
		Edge_1RB_Left	22.25	/	/	16.91	/	/	<=38.45	Pass
		Edge_1RB_Right	22.05	/	/	16.71	/	/	<=38.45	Pass
	839	Outer_Full	22.24	/	/	16.90	/	/	<=38.45	Pass
		Inner_Full	23.28	/	/	17.94	/	/	<=38.45	Pass
		Inner_1RB_Left	23.27	/	/	17.93	/	/	<=38.45	Pass
		Inner_1RB_Right	23.09	/	/	17.75	/	/	<=38.45	Pass
		Edge_1RB_Left	22.18	/	/	16.84	/	/	<=38.45	Pass
		Edge_1RB_Right	21.95	/	/	16.61	/	/	<=38.45	Pass
		Outer_Full	22.20	/	/	16.86	/	/	<=38.45	Pass
		Inner_Full	23.30	/	/	17.96	/	/	<=38.45	Pass
DFT-s-OFDM 16 QAM	834	Inner_1RB_Left	23.21	/	/	17.87	/	/	<=38.45	Pass
		Inner_1RB_Right	23.01	/	/	17.67	/	/	<=38.45	Pass
		Edge_1RB_Left	21.44	/	/	16.10	/	/	<=38.45	Pass
		Edge_1RB_Right	21.27	/	/	15.93	/	/	<=38.45	Pass
	836.5	Outer_Full	21.37	/	/	16.03	/	/	<=38.45	Pass
		Inner_Full	22.23	/	/	16.89	/	/	<=38.45	Pass
		Inner_1RB_Left	22.42	/	/	17.08	/	/	<=38.45	Pass
		Inner_1RB_Right	22.30	/	/	16.96	/	/	<=38.45	Pass
	839	Edge_1RB_Left	21.37	/	/	16.03	/	/	<=38.45	Pass
		Edge_1RB_Right	21.19	/	/	15.85	/	/	<=38.45	Pass
		Outer_Full	21.20	/	/	15.86	/	/	<=38.45	Pass
		Inner_Full	22.17	/	/	16.83	/	/	<=38.45	Pass
		Inner_1RB_Left	22.35	/	/	17.01	/	/	<=38.45	Pass
		Inner_1RB_Right	22.28	/	/	16.94	/	/	<=38.45	Pass
		Edge_1RB_Left	21.32	/	/	15.98	/	/	<=38.45	Pass
		Edge_1RB_Right	21.20	/	/	15.86	/	/	<=38.45	Pass
		Outer_Full	21.23	/	/	15.89	/	/	<=38.45	Pass
		Inner_Full	22.13	/	/	16.79	/	/	<=38.45	Pass
		Inner_1RB_Left	22.39	/	/	17.05	/	/	<=38.45	Pass
		Inner_1RB_Right	22.22	/	/	16.88	/	/	<=38.45	Pass

DFT-s-OFDM 64 QAM	834	Edge_1RB_Left	20.87	/	/	15.53	/	/	<=38.45	Pass
		Edge_1RB_Right	20.73	/	/	15.39	/	/	<=38.45	Pass
		Outer_Full	20.77	/	/	15.43	/	/	<=38.45	Pass
		Inner_Full	20.70	/	/	15.36	/	/	<=38.45	Pass
		Inner_1RB_Left	20.89	/	/	15.55	/	/	<=38.45	Pass
		Inner_1RB_Right	20.77	/	/	15.43	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	20.78	/	/	15.44	/	/	<=38.45	Pass
		Edge_1RB_Right	20.70	/	/	15.36	/	/	<=38.45	Pass
		Outer_Full	20.78	/	/	15.44	/	/	<=38.45	Pass
		Inner_Full	20.73	/	/	15.39	/	/	<=38.45	Pass
		Inner_1RB_Left	20.91	/	/	15.57	/	/	<=38.45	Pass
		Inner_1RB_Right	20.74	/	/	15.40	/	/	<=38.45	Pass
	839	Edge_1RB_Left	20.83	/	/	15.49	/	/	<=38.45	Pass
		Edge_1RB_Right	20.62	/	/	15.28	/	/	<=38.45	Pass
		Outer_Full	20.71	/	/	15.37	/	/	<=38.45	Pass
		Inner_Full	20.67	/	/	15.33	/	/	<=38.45	Pass
		Inner_1RB_Left	20.86	/	/	15.52	/	/	<=38.45	Pass
		Inner_1RB_Right	20.73	/	/	15.39	/	/	<=38.45	Pass
DFT-s-OFDM 256 QAM	834	Edge_1RB_Left	18.84	/	/	13.50	/	/	<=38.45	Pass
		Edge_1RB_Right	18.74	/	/	13.40	/	/	<=38.45	Pass
		Outer_Full	18.95	/	/	13.61	/	/	<=38.45	Pass
		Inner_Full	18.72	/	/	13.38	/	/	<=38.45	Pass
		Inner_1RB_Left	18.86	/	/	13.52	/	/	<=38.45	Pass
		Inner_1RB_Right	18.78	/	/	13.44	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	18.80	/	/	13.46	/	/	<=38.45	Pass
		Edge_1RB_Right	18.70	/	/	13.36	/	/	<=38.45	Pass
		Outer_Full	18.89	/	/	13.56	/	/	<=38.45	Pass
		Inner_Full	18.84	/	/	13.50	/	/	<=38.45	Pass
		Inner_1RB_Left	18.79	/	/	13.45	/	/	<=38.45	Pass
		Inner_1RB_Right	18.74	/	/	13.40	/	/	<=38.45	Pass
	839	Edge_1RB_Left	18.79	/	/	13.45	/	/	<=38.45	Pass
		Edge_1RB_Right	18.63	/	/	13.29	/	/	<=38.45	Pass
		Outer_Full	18.81	/	/	13.47	/	/	<=38.45	Pass
		Inner_Full	18.85	/	/	13.51	/	/	<=38.45	Pass
		Inner_1RB_Left	18.81	/	/	13.47	/	/	<=38.45	Pass
		Inner_1RB_Right	18.74	/	/	13.40	/	/	<=38.45	Pass
CP-OFDM QPSK	834	Edge_1RB_Left	20.29	/	/	14.95	/	/	<=38.45	Pass
		Edge_1RB_Right	20.12	/	/	14.78	/	/	<=38.45	Pass
		Outer_Full	20.30	/	/	14.96	/	/	<=38.45	Pass
		Inner_Full	21.85	/	/	16.51	/	/	<=38.45	Pass
		Inner_1RB_Left	21.96	/	/	16.62	/	/	<=38.45	Pass
		Inner_1RB_Right	21.70	/	/	16.36	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	20.26	/	/	14.92	/	/	<=38.45	Pass
		Edge_1RB_Right	20.11	/	/	14.77	/	/	<=38.45	Pass
		Outer_Full	20.25	/	/	14.91	/	/	<=38.45	Pass
		Inner_Full	21.82	/	/	16.49	/	/	<=38.45	Pass
		Inner_1RB_Left	21.69	/	/	16.35	/	/	<=38.45	Pass
		Inner_1RB_Right	21.67	/	/	16.33	/	/	<=38.45	Pass
	839	Edge_1RB_Left	20.23	/	/	14.89	/	/	<=38.45	Pass
		Edge_1RB_Right	20.04	/	/	14.70	/	/	<=38.45	Pass
		Outer_Full	20.23	/	/	14.89	/	/	<=38.45	Pass
		Inner_Full	21.84	/	/	16.50	/	/	<=38.45	Pass
		Inner_1RB_Left	21.76	/	/	16.42	/	/	<=38.45	Pass

		Inner 1RB Right	21.60	/	/	16.26	/	/	<=38.45	Pass
CP-OFDM 16 QAM	834	Edge 1RB Left	20.31	/	/	14.97	/	/	<=38.45	Pass
		Edge 1RB Right	20.27	/	/	14.93	/	/	<=38.45	Pass
		Outer Full	20.31	/	/	14.97	/	/	<=38.45	Pass
		Inner Full	21.37	/	/	16.03	/	/	<=38.45	Pass
		Inner 1RB Left	21.39	/	/	16.05	/	/	<=38.45	Pass
		Inner 1RB Right	21.30	/	/	15.96	/	/	<=38.45	Pass
	836.5	Edge 1RB Left	20.28	/	/	14.94	/	/	<=38.45	Pass
		Edge 1RB Right	20.13	/	/	14.79	/	/	<=38.45	Pass
		Outer Full	20.29	/	/	14.95	/	/	<=38.45	Pass
		Inner Full	21.32	/	/	15.98	/	/	<=38.45	Pass
		Inner 1RB Left	21.30	/	/	15.96	/	/	<=38.45	Pass
		Inner 1RB Right	21.18	/	/	15.84	/	/	<=38.45	Pass
	839	Edge 1RB Left	20.37	/	/	15.03	/	/	<=38.45	Pass
		Edge 1RB Right	20.15	/	/	14.81	/	/	<=38.45	Pass
		Outer Full	20.13	/	/	14.79	/	/	<=38.45	Pass
		Inner Full	21.34	/	/	16.00	/	/	<=38.45	Pass
		Inner 1RB Left	21.43	/	/	16.09	/	/	<=38.45	Pass
		Inner 1RB Right	21.13	/	/	15.79	/	/	<=38.45	Pass
CP-OFDM 64 QAM	834	Edge 1RB Left	19.93	/	/	14.59	/	/	<=38.45	Pass
		Edge 1RB Right	19.84	/	/	14.50	/	/	<=38.45	Pass
		Outer Full	19.77	/	/	14.43	/	/	<=38.45	Pass
		Inner Full	19.80	/	/	14.46	/	/	<=38.45	Pass
		Inner 1RB Left	19.94	/	/	14.60	/	/	<=38.45	Pass
		Inner 1RB Right	19.87	/	/	14.53	/	/	<=38.45	Pass
	836.5	Edge 1RB Left	19.91	/	/	14.57	/	/	<=38.45	Pass
		Edge 1RB Right	19.81	/	/	14.47	/	/	<=38.45	Pass
		Outer Full	19.87	/	/	14.53	/	/	<=38.45	Pass
		Inner Full	19.79	/	/	14.45	/	/	<=38.45	Pass
		Inner 1RB Left	19.94	/	/	14.60	/	/	<=38.45	Pass
		Inner 1RB Right	19.83	/	/	14.49	/	/	<=38.45	Pass
	839	Edge 1RB Left	19.86	/	/	14.52	/	/	<=38.45	Pass
		Edge 1RB Right	19.73	/	/	14.39	/	/	<=38.45	Pass
		Outer Full	19.77	/	/	14.43	/	/	<=38.45	Pass
		Inner Full	19.80	/	/	14.46	/	/	<=38.45	Pass
		Inner 1RB Left	19.88	/	/	14.53	/	/	<=38.45	Pass
		Inner 1RB Right	19.71	/	/	14.37	/	/	<=38.45	Pass
CP-OFDM 256 QAM	834	Edge 1RB Left	16.80	/	/	11.47	/	/	<=38.45	Pass
		Edge 1RB Right	16.76	/	/	11.42	/	/	<=38.45	Pass
		Outer Full	16.90	/	/	11.56	/	/	<=38.45	Pass
		Inner Full	16.78	/	/	11.44	/	/	<=38.45	Pass
		Inner 1RB Left	16.86	/	/	11.52	/	/	<=38.45	Pass
		Inner 1RB Right	16.79	/	/	11.45	/	/	<=38.45	Pass
	836.5	Edge 1RB Left	16.55	/	/	11.21	/	/	<=38.45	Pass
		Edge 1RB Right	16.56	/	/	11.22	/	/	<=38.45	Pass
		Outer Full	16.81	/	/	11.47	/	/	<=38.45	Pass
		Inner Full	16.78	/	/	11.44	/	/	<=38.45	Pass
		Inner 1RB Left	16.59	/	/	11.25	/	/	<=38.45	Pass
		Inner 1RB Right	16.57	/	/	11.23	/	/	<=38.45	Pass
	839	Edge 1RB Left	16.69	/	/	11.35	/	/	<=38.45	Pass
		Edge 1RB Right	16.73	/	/	11.39	/	/	<=38.45	Pass
		Outer Full	16.82	/	/	11.48	/	/	<=38.45	Pass
		Inner Full	16.82	/	/	11.48	/	/	<=38.45	Pass



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		Inner_1RB_Left	16.77	/	/	11.43	/	/	<=38.45	Pass
		Inner_1RB_Right	16.72	/	/	11.38	/	/	<=38.45	Pass
Note1: Antenna Gain: Ant0: -3.19dBi; Note2: ERP=Conducted Power+Antenna Gain-2.15										

2. Frequency Stability

2.1 Test Result

2.1.1 15_S_20M

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	-5.76	-0.0069	>=-2.5 & <=2.5	Pass
				HV	-3.77	-0.0045	>=-2.5 & <=2.5	Pass
			-30	NV	-3.37	-0.0040	>=-2.5 & <=2.5	Pass
			-20	NV	-3.17	-0.0038	>=-2.5 & <=2.5	Pass
			-10	NV	-3.69	-0.0044	>=-2.5 & <=2.5	Pass
			0	NV	-5.58	-0.0067	>=-2.5 & <=2.5	Pass
			10	NV	-4.40	-0.0053	>=-2.5 & <=2.5	Pass
			20	NV	-4.16	-0.0050	>=-2.5 & <=2.5	Pass
			30	NV	-3.22	-0.0038	>=-2.5 & <=2.5	Pass
			40	NV	-1.12	-0.0013	>=-2.5 & <=2.5	Pass
			50	NV	-4.31	-0.0052	>=-2.5 & <=2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 15_S_5M_NTNV

5G NR n5 SCS=15kHz SISO 5MHz NTNv						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	836.5	Outer_Full	4.52	5.22	/	Pass
DFT-s-OFDM QPSK	836.5	Outer_Full	4.49	5.09	/	Pass
DFT-s-OFDM 16 QAM	836.5	Outer_Full	4.49	5.17	/	Pass
DFT-s-OFDM 64 QAM	836.5	Outer_Full	4.52	5.22	/	Pass
DFT-s-OFDM 256 QAM	836.5	Outer_Full	4.50	5.19	/	Pass
CP-OFDM QPSK	836.5	Outer_Full	4.50	5.17	/	Pass
CP-OFDM 16 QAM	836.5	Outer_Full	4.50	5.11	/	Pass
CP-OFDM 64 QAM	836.5	Outer_Full	4.50	5.30	/	Pass
CP-OFDM 256 QAM	836.5	Outer_Full	4.51	5.24	/	Pass

3.1.2 15_S_10M_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	8.91	9.59	/	Pass
DFT-s-OFDM QPSK	836.5	Outer_Full	8.91	9.68	/	Pass
DFT-s-OFDM 16 QAM	836.5	Outer_Full	8.93	9.51	/	Pass
DFT-s-OFDM 64 QAM	836.5	Outer_Full	8.91	9.65	/	Pass
DFT-s-OFDM 256 QAM	836.5	Outer_Full	8.92	9.69	/	Pass
CP-OFDM QPSK	836.5	Outer_Full	9.29	10.12	/	Pass
CP-OFDM 16 QAM	836.5	Outer_Full	9.26	9.97	/	Pass
CP-OFDM 64 QAM	836.5	Outer_Full	9.31	10.06	/	Pass
CP-OFDM 256 QAM	836.5	Outer_Full	9.28	9.99	/	Pass

3.1.3 15_S_15M_NTNV

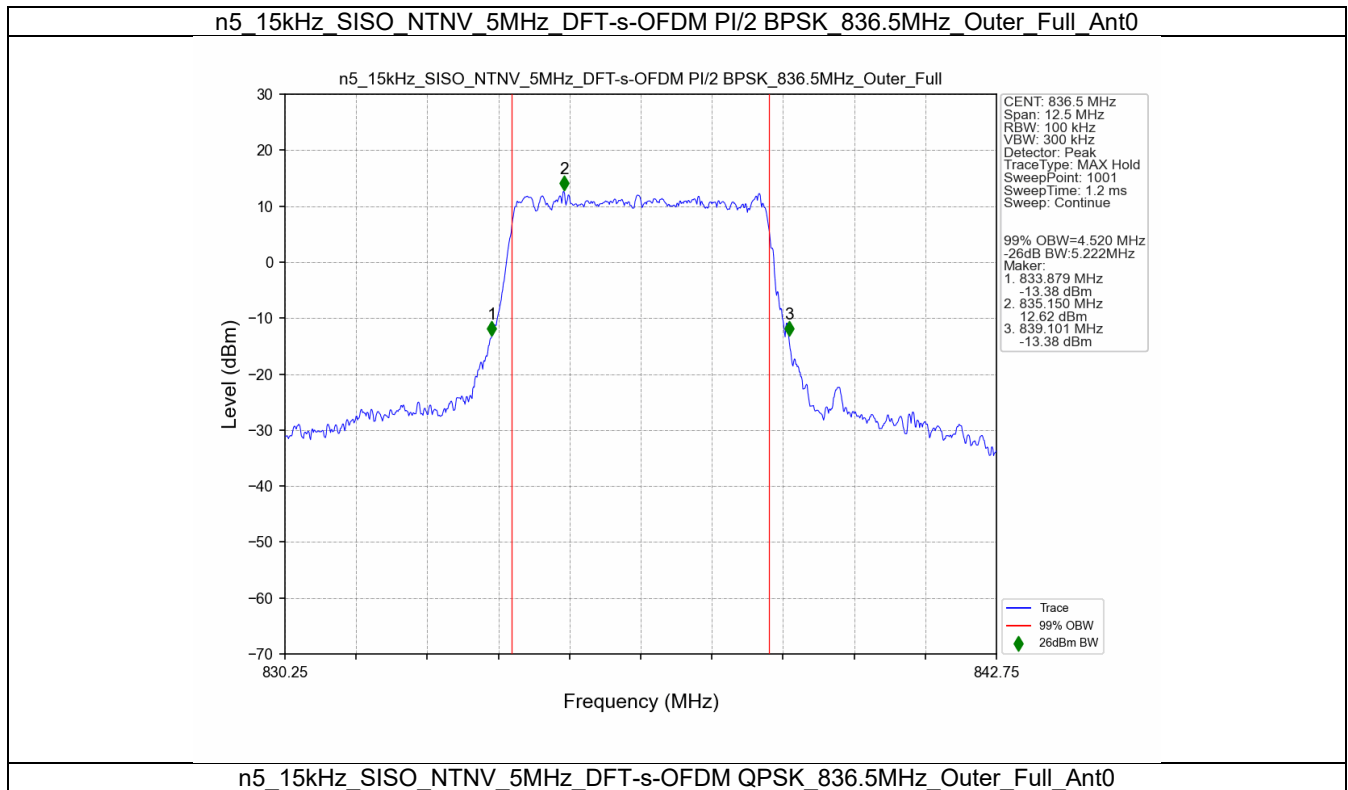
5G NR n5 SCS=15kHz SISO 15MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	836.5	Outer_Full	13.38	14.42	/	Pass
DFT-s-OFDM QPSK	836.5	Outer_Full	13.39	14.28	/	Pass
DFT-s-OFDM 16 QAM	836.5	Outer_Full	13.45	14.31	/	Pass
DFT-s-OFDM 64 QAM	836.5	Outer_Full	13.40	14.43	/	Pass
DFT-s-OFDM 256 QAM	836.5	Outer_Full	13.42	14.27	/	Pass
CP-OFDM QPSK	836.5	Outer_Full	14.10	15.08	/	Pass
CP-OFDM 16 QAM	836.5	Outer_Full	14.09	15.06	/	Pass
CP-OFDM 64 QAM	836.5	Outer_Full	14.06	15.14	/	Pass
CP-OFDM 256 QAM	836.5	Outer_Full	14.12	15.01	/	Pass

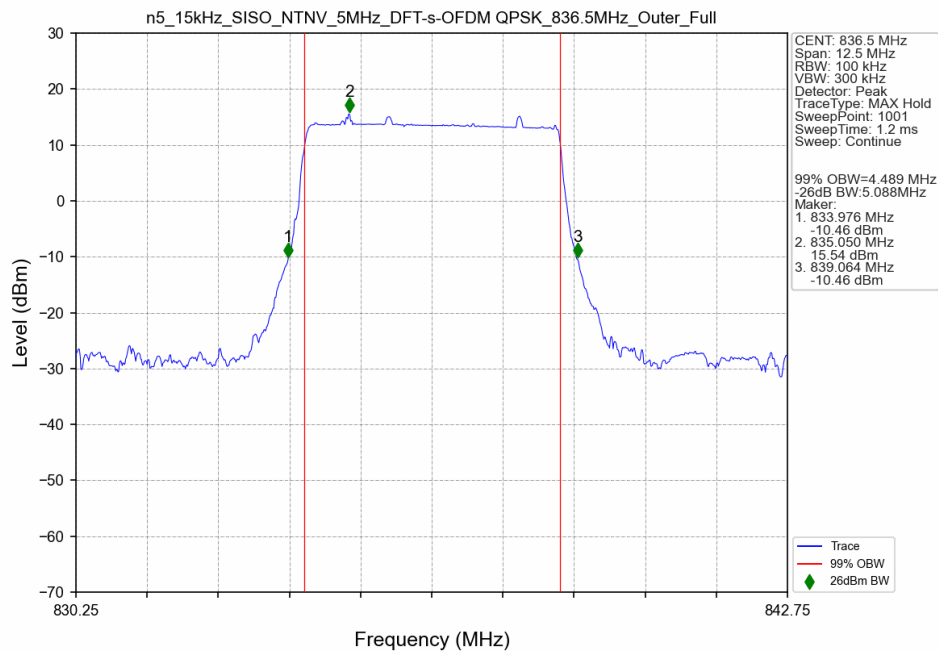
3.1.4 15_S_20M_NTNV

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	17.84	19.00	/	Pass
DFT-s-OFDM QPSK	836.5	Outer_Full	17.84	18.91	/	Pass
DFT-s-OFDM 16 QAM	836.5	Outer_Full	17.91	18.92	/	Pass
DFT-s-OFDM 64 QAM	836.5	Outer_Full	17.87	18.84	/	Pass
DFT-s-OFDM 256 QAM	836.5	Outer_Full	17.83	18.89	/	Pass
CP-OFDM QPSK	836.5	Outer_Full	18.88	19.86	/	Pass
CP-OFDM 16 QAM	836.5	Outer_Full	18.94	20.00	/	Pass
CP-OFDM 64 QAM	836.5	Outer_Full	18.90	19.93	/	Pass
CP-OFDM 256 QAM	836.5	Outer_Full	18.89	19.88	/	Pass

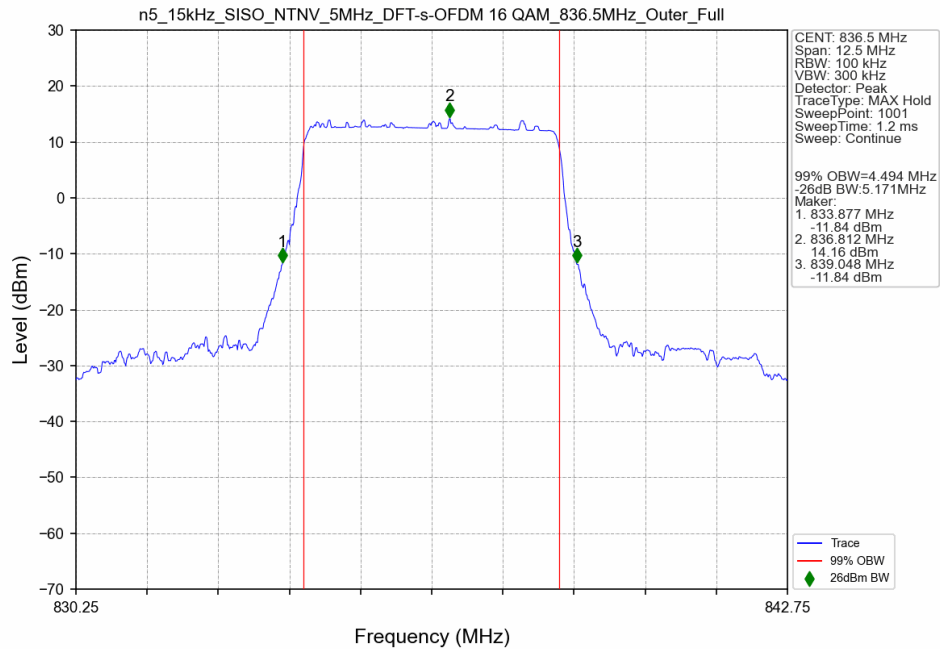
3.2 Test Graph

3.2.1 15_S_5M_NTNV

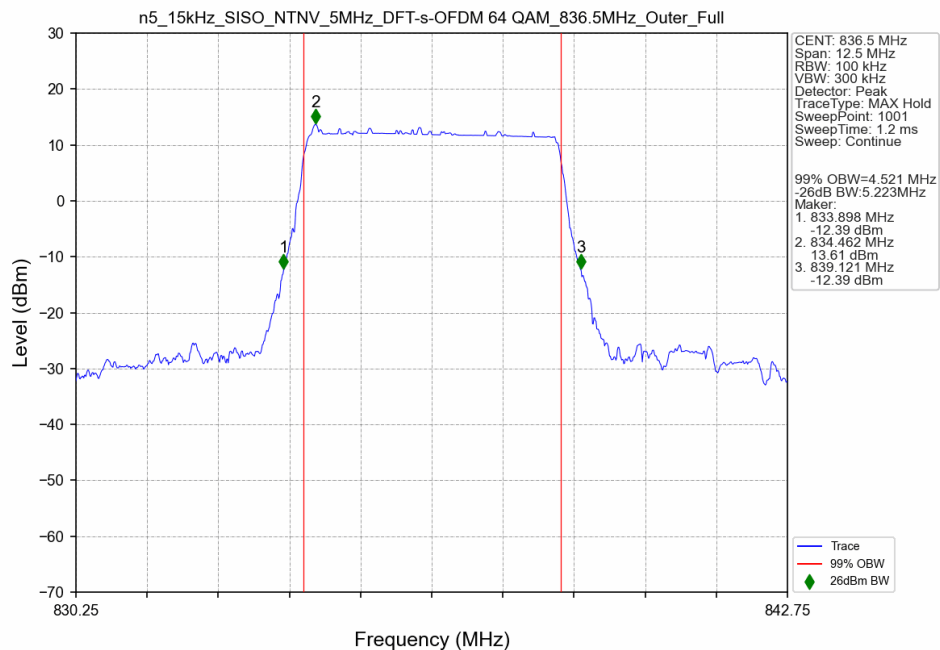




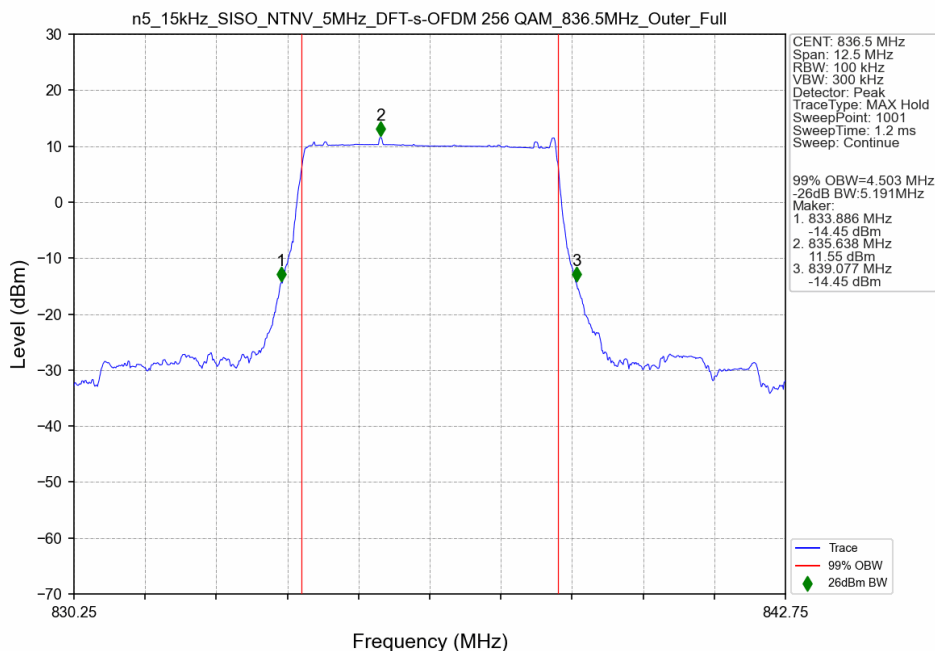
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 16 QAM_836.5MHz_Outer_Full_Ant0



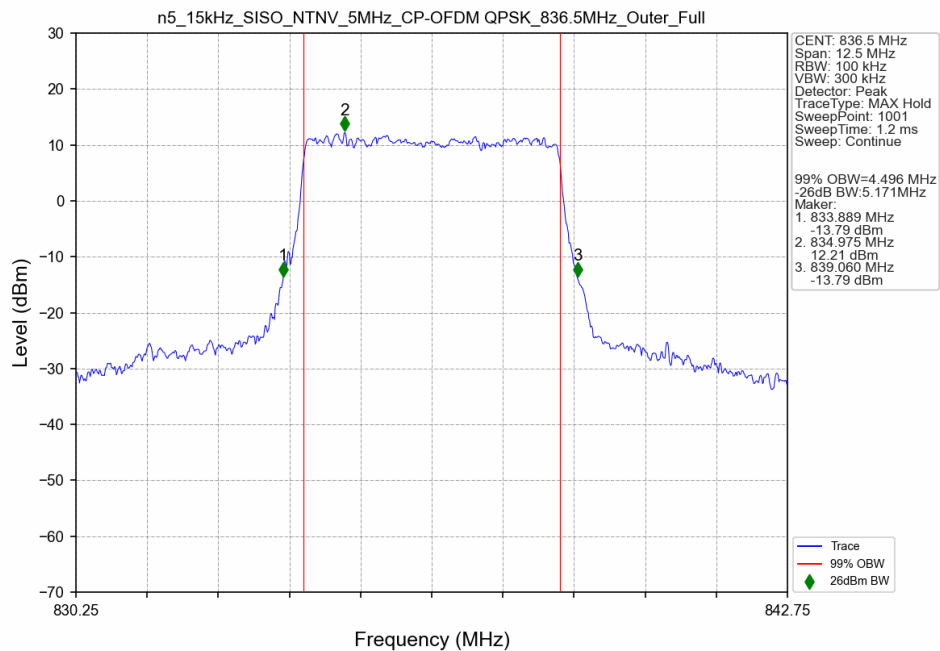
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 64 QAM_836.5MHz_Outer_Full_Ant0



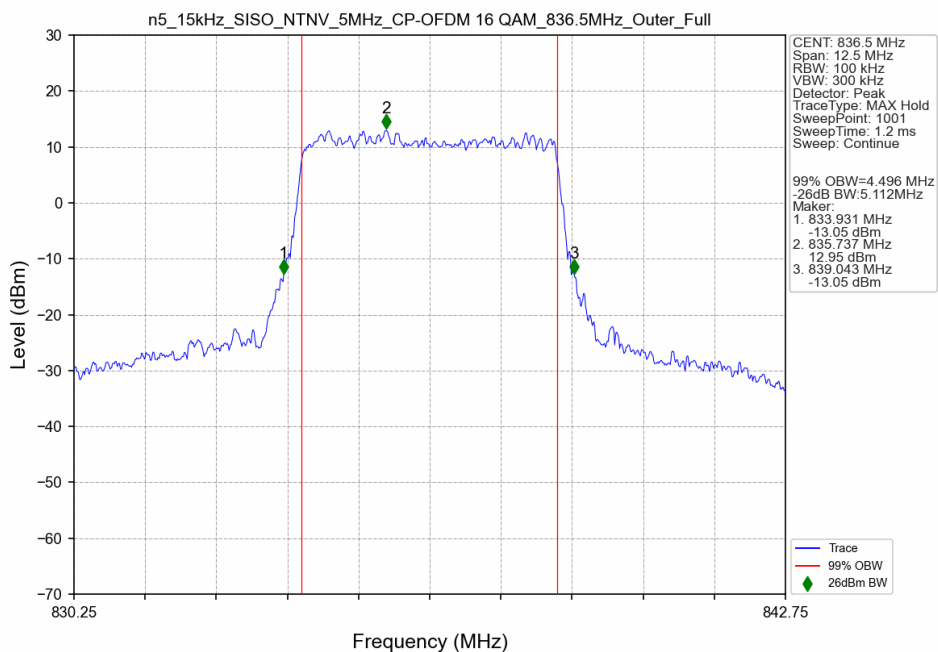
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 256 QAM 836.5MHz_Outer_Full_Ant0



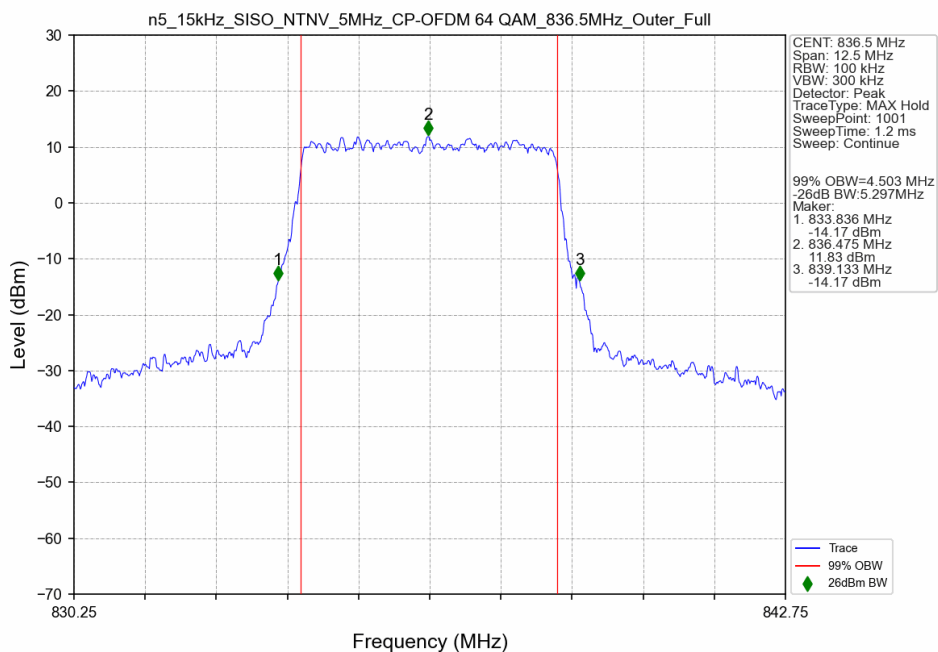
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK 836.5MHz_Outer_Full_Ant0



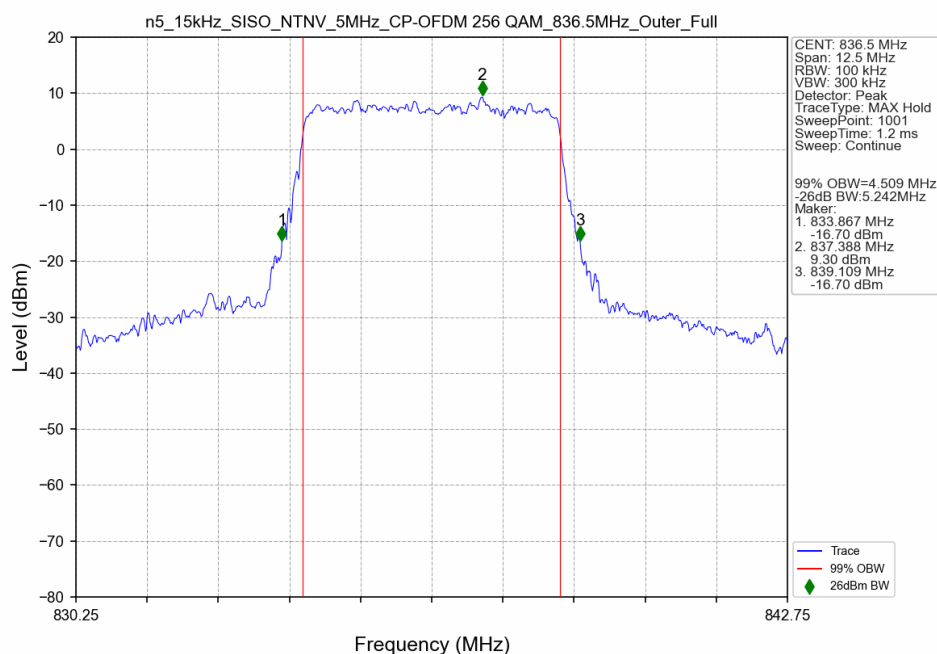
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM 16 QAM_836.5MHz_Outer_Full_Ant0



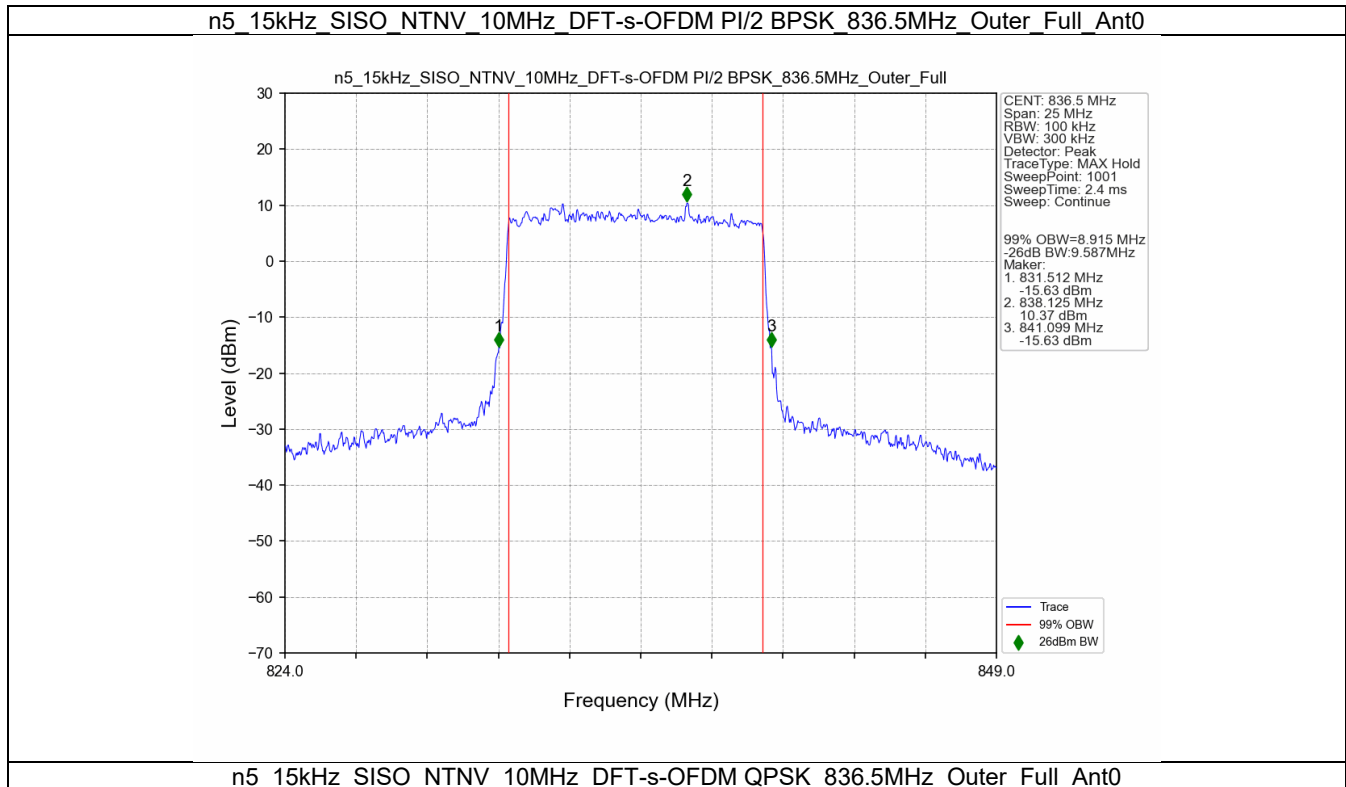
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM 64 QAM_836.5MHz_Outer_Full_Ant0

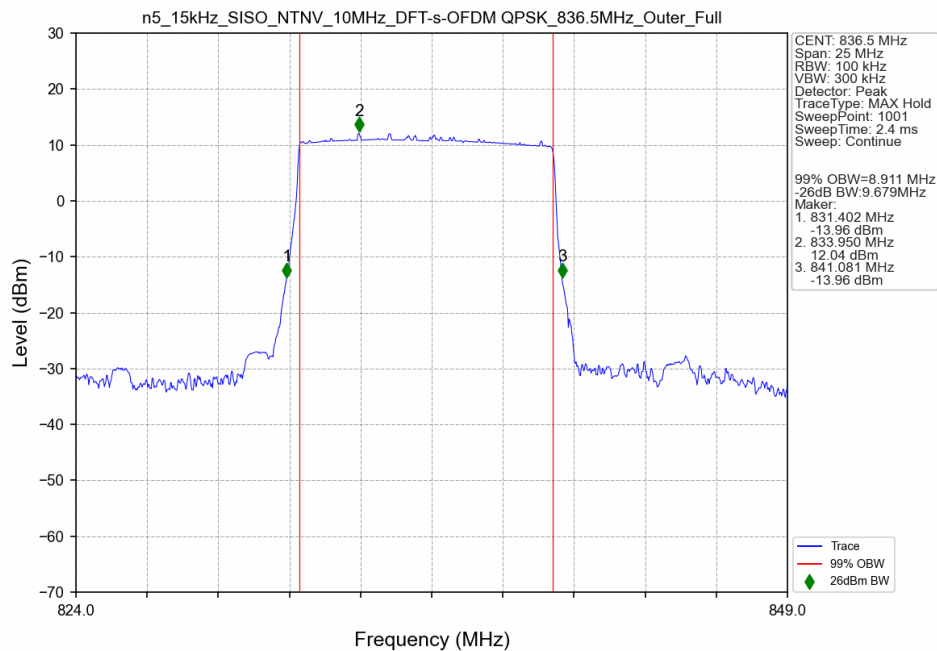


n5_15kHz_SISO_NTNV_5MHz_CP-OFDM 256 QAM 836.5MHz_Outer_Full_Ant0

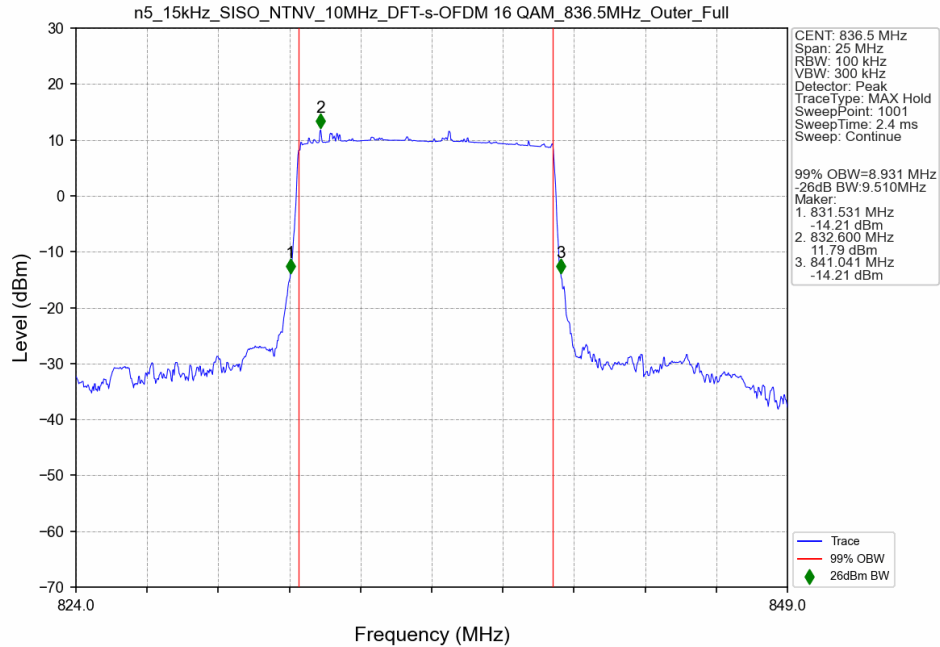


3.2.2 15_S_10M_NTNV

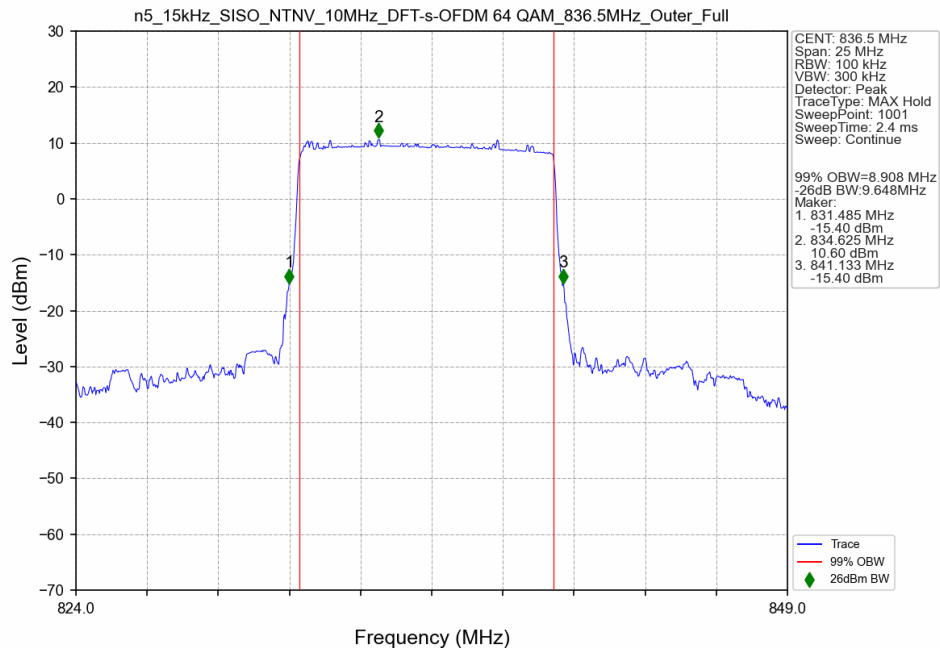




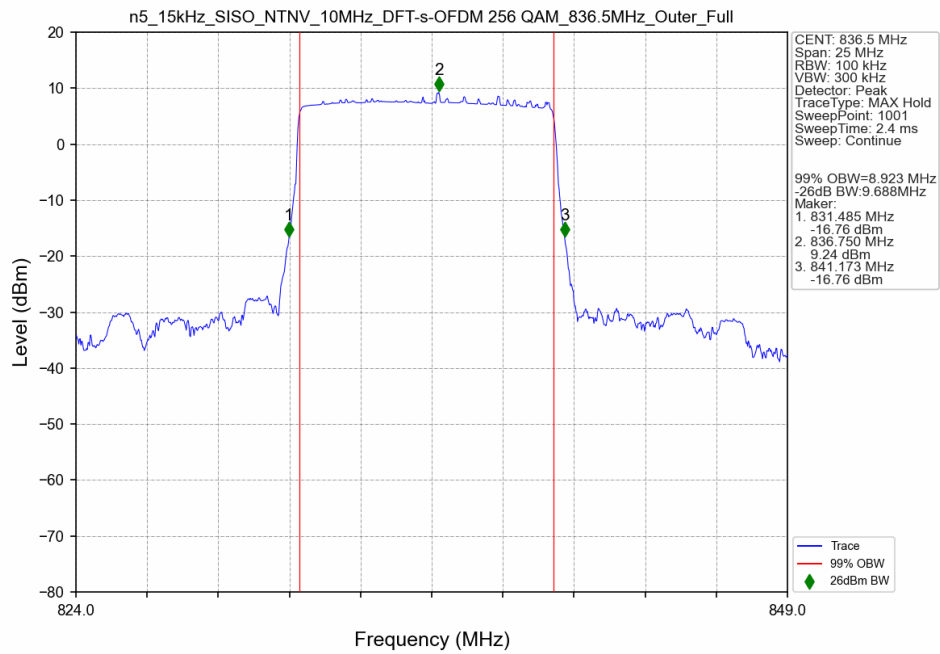
n5_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 16 QAM 836.5MHz_Outer_Full_Ant0



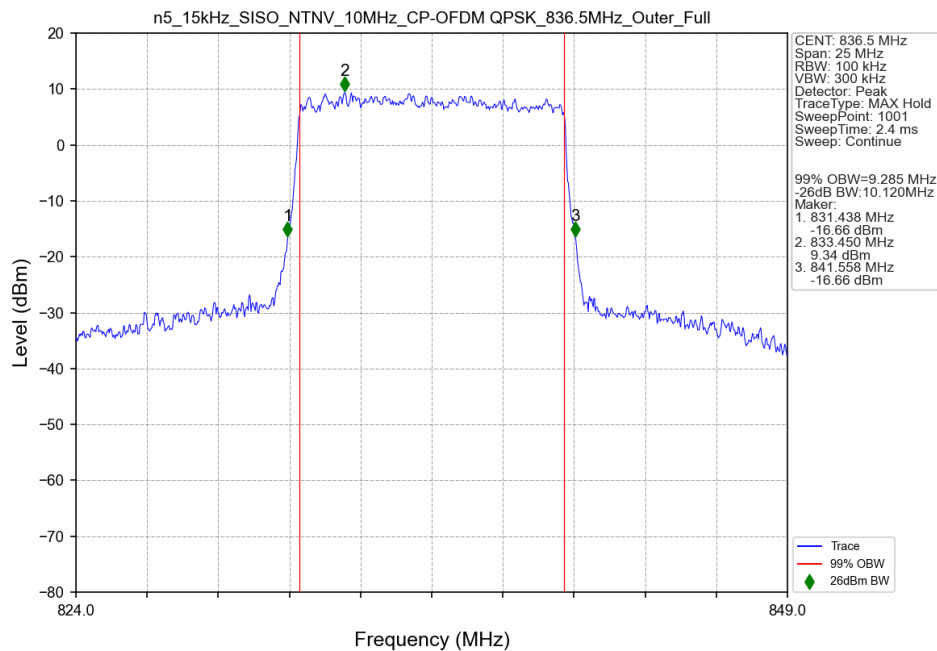
n5_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 64 QAM 836.5MHz_Outer_Full_Ant0



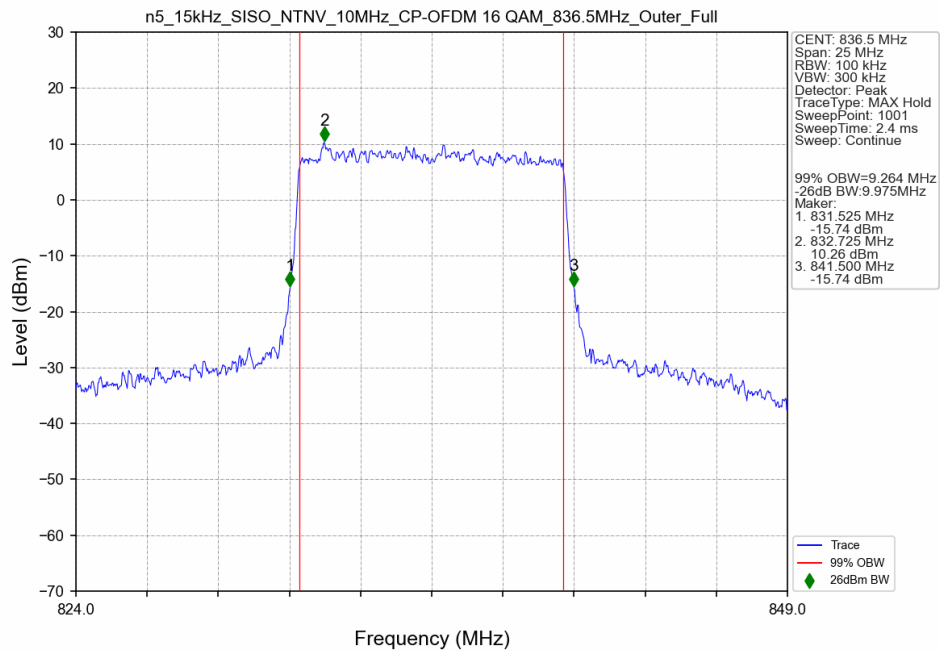
n5_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_256_QAM_836.5MHz_Outer_Full_Ant0



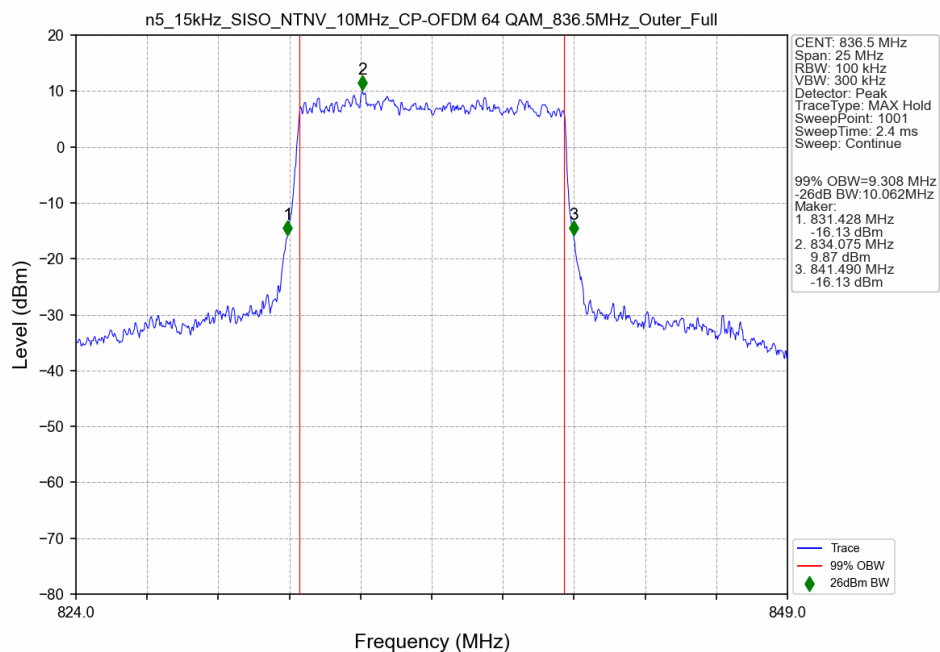
n5_15kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_836.5MHz_Outer_Full_Ant0



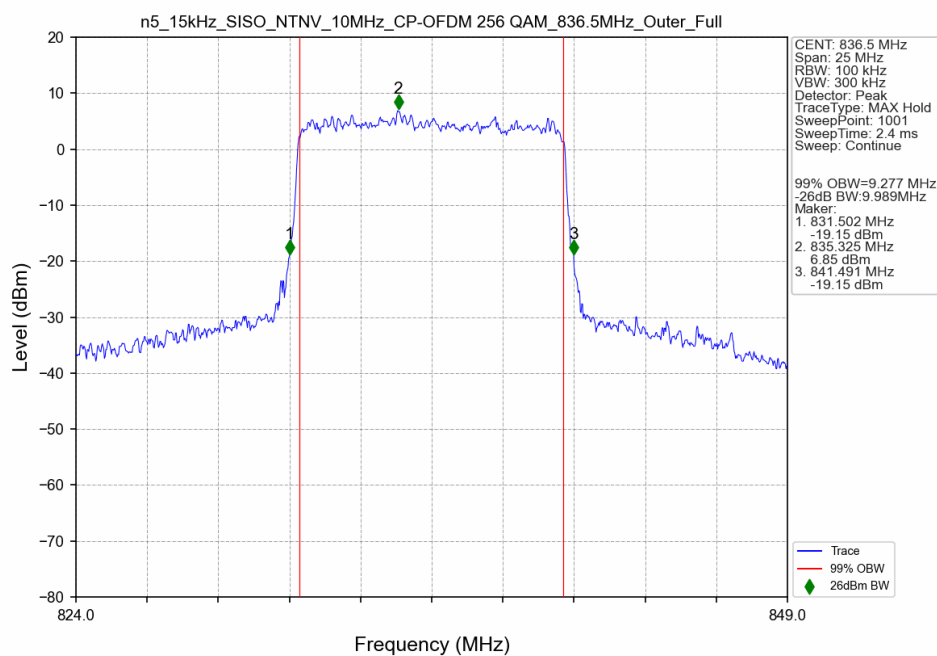
n5_15kHz_SISO_NTNV_10MHz_CP-OFDM 16 QAM 836.5MHz_Outer_Full_Ant0



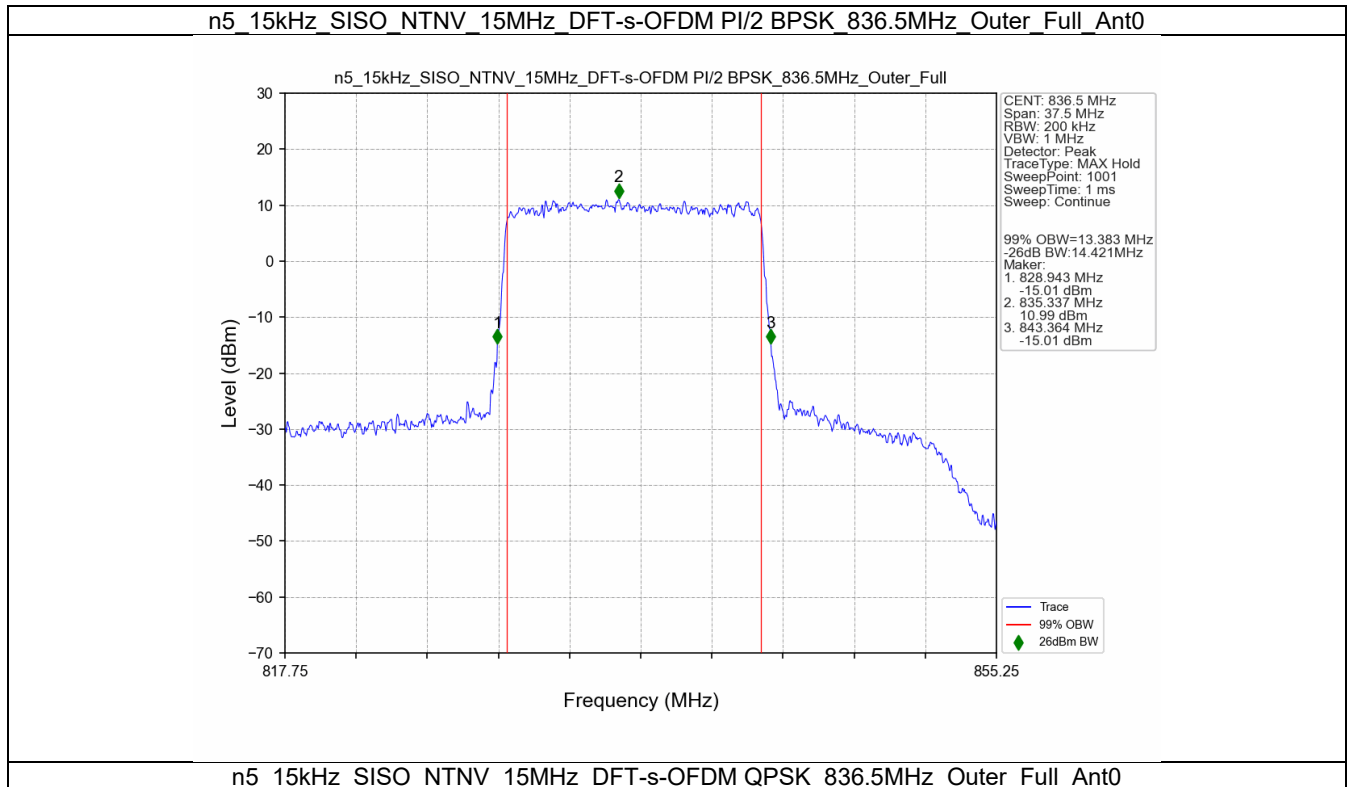
n5_15kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM 836.5MHz_Outer_Full_Ant0

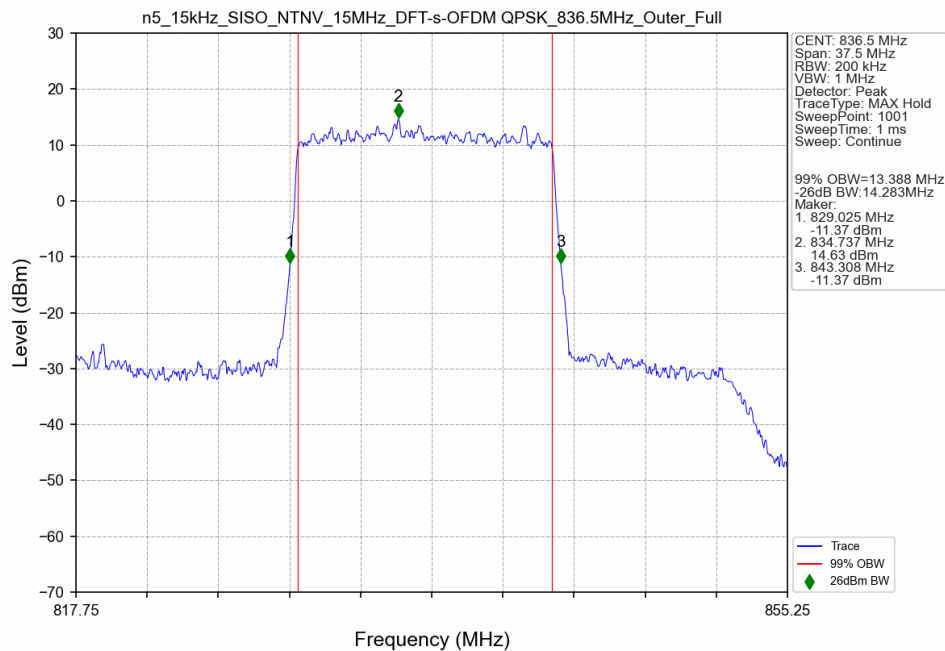


n5_15kHz_SISO_NTNV_10MHz_CP-OFDM_256_QAM_836.5MHz_Outer_Full_Ant0

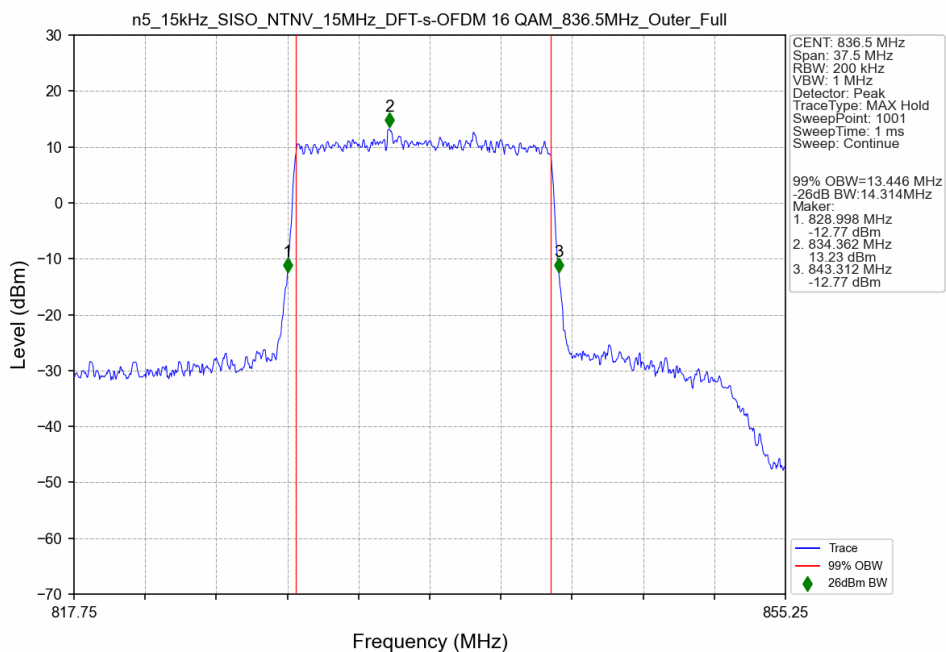


3.2.3 15_S_15M_NTNV

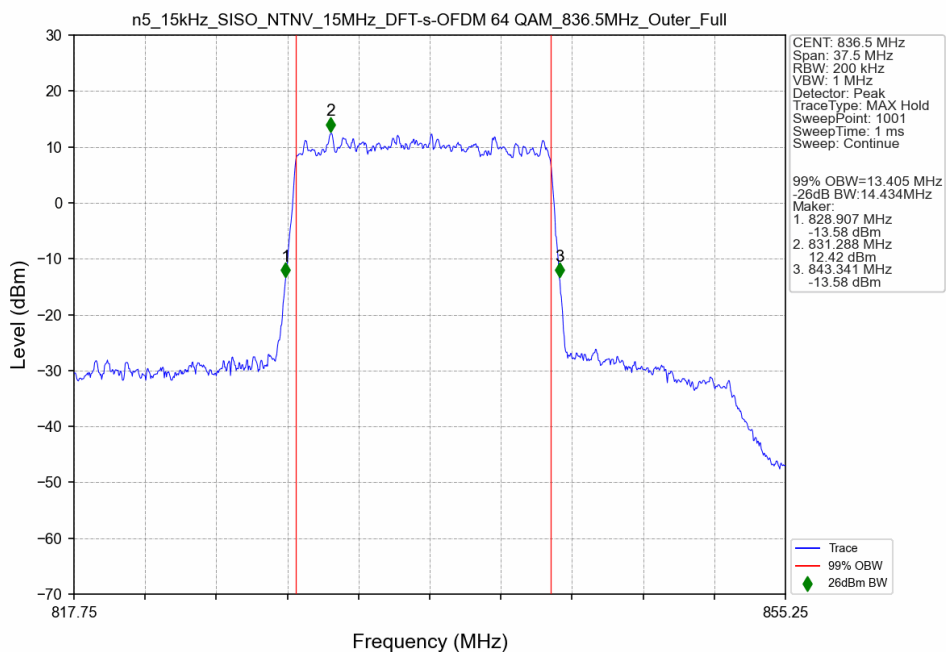




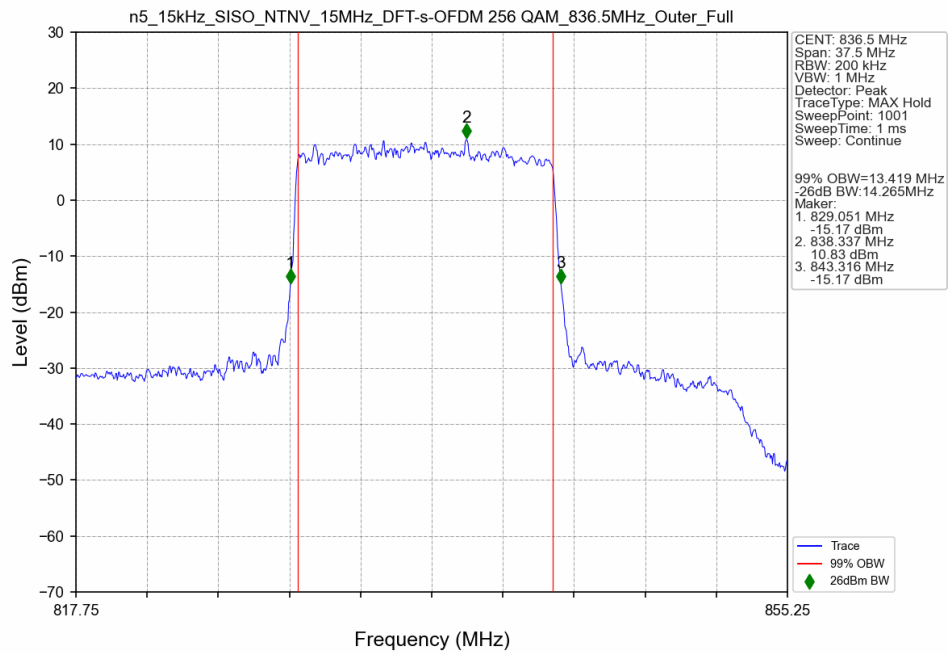
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 16 QAM 836.5MHz_Outer_Full_Ant0



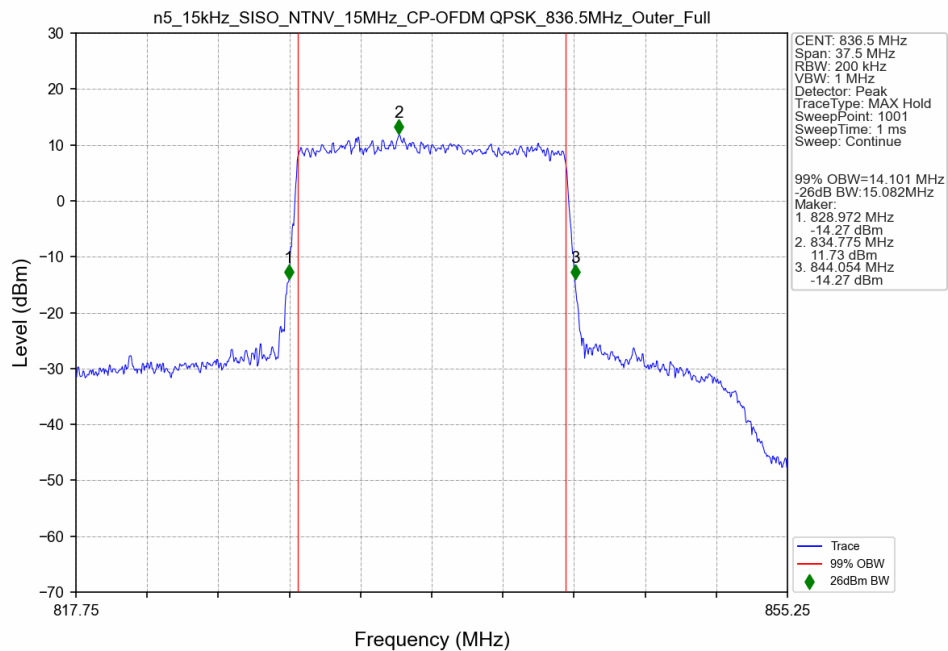
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 64 QAM 836.5MHz_Outer_Full_Ant0



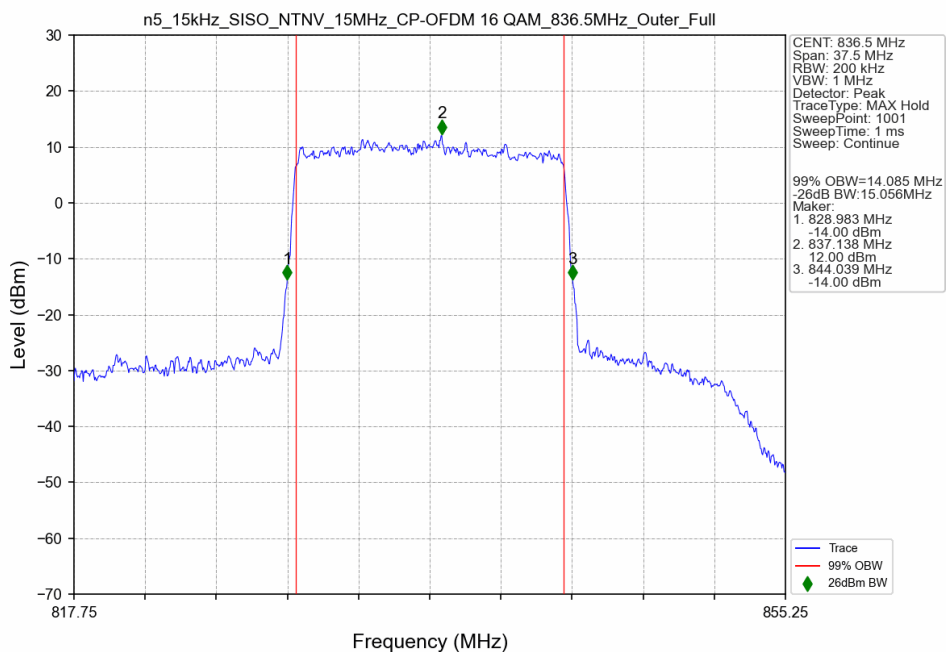
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_256_QAM_836.5MHz_Outer_Full_Ant0



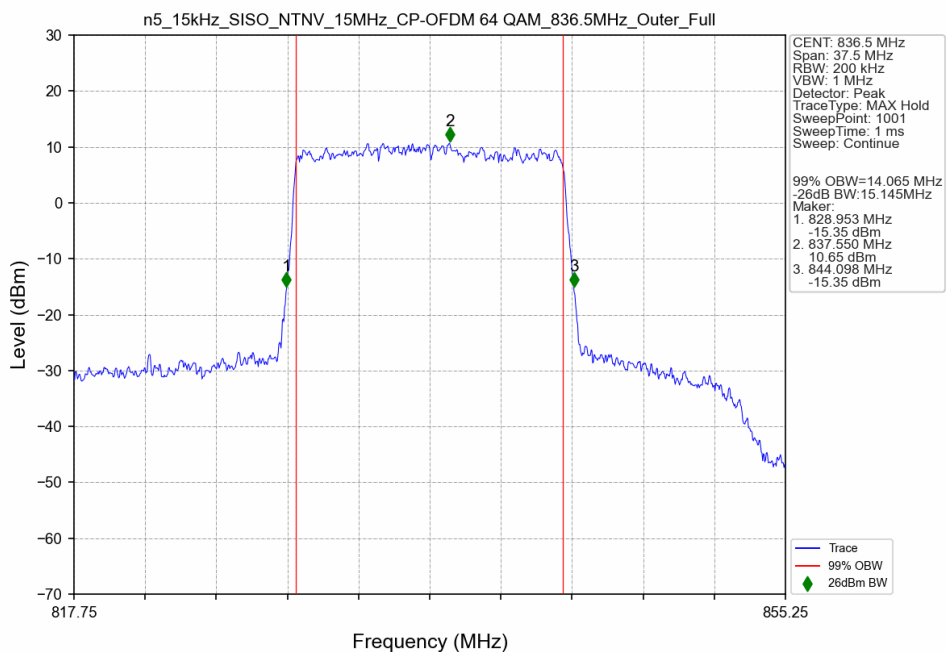
n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_836.5MHz_Outer_Full_Ant0



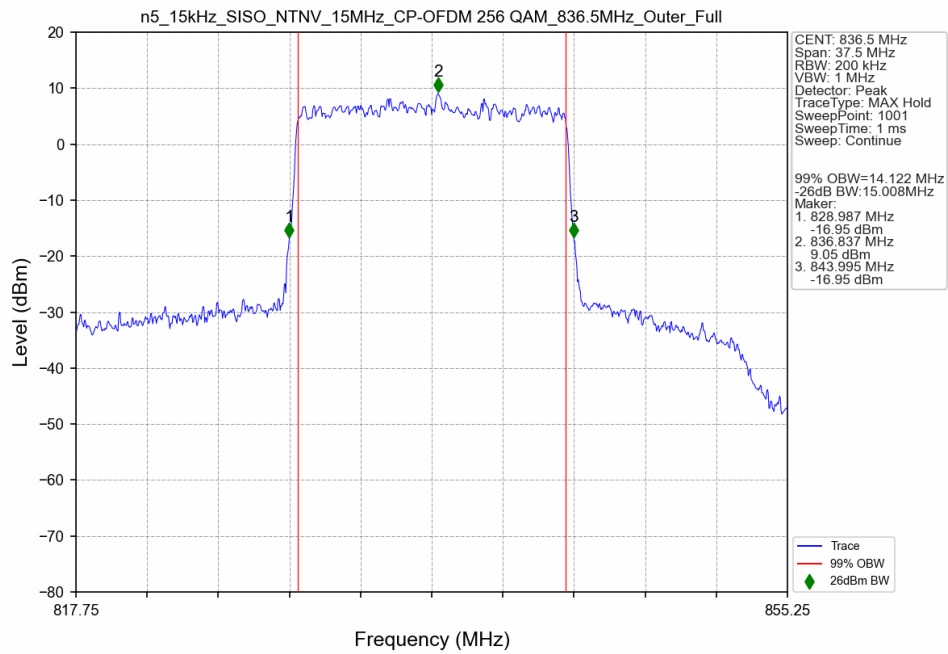
n5_15kHz_SISO_NTNV_15MHz_CP-OFDM 16 QAM 836.5MHz_Outer_Full_Ant0



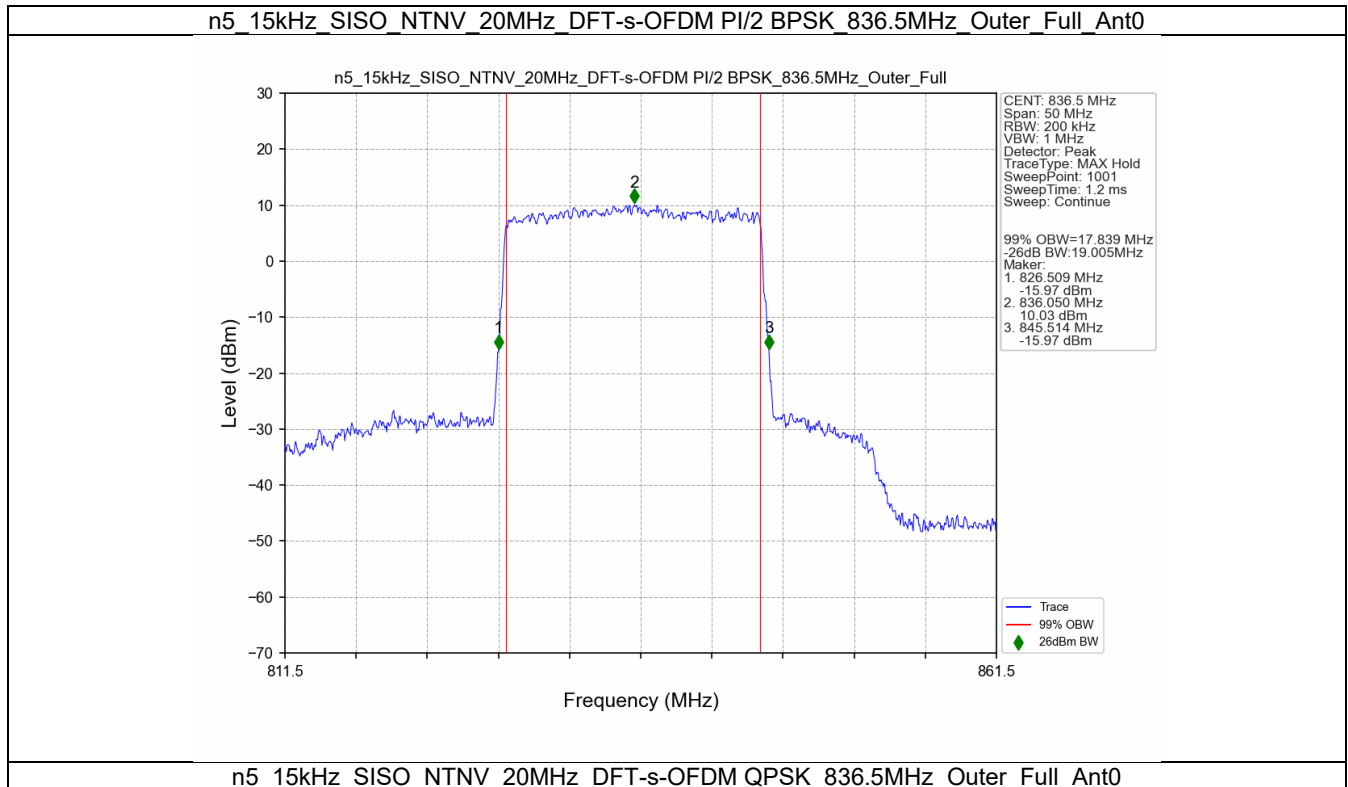
n5_15kHz_SISO_NTNV_15MHz_CP-OFDM 64 QAM 836.5MHz_Outer_Full_Ant0

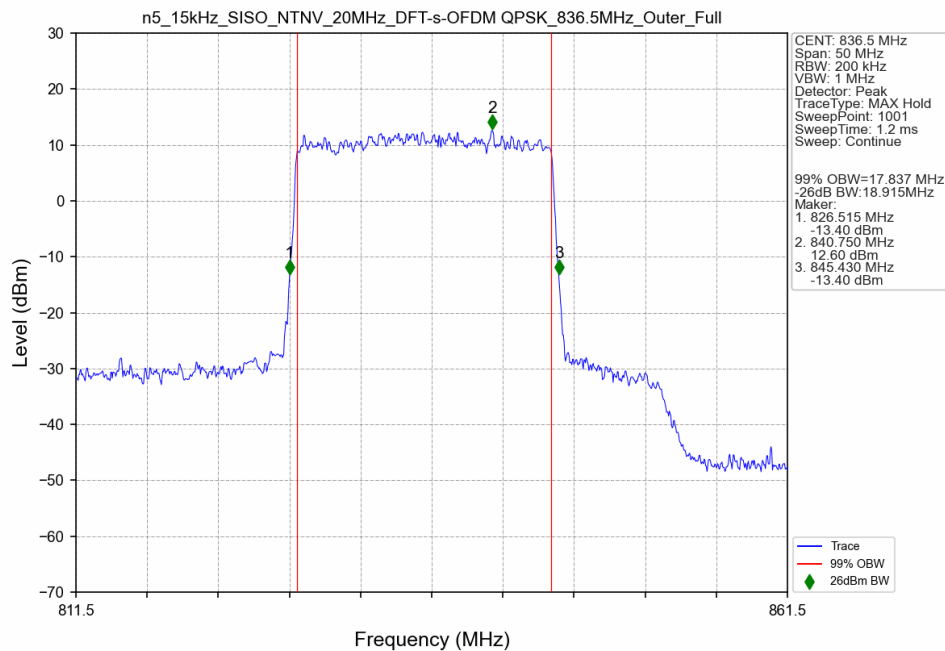


n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_256_QAM_836.5MHz_Outer_Full_Ant0

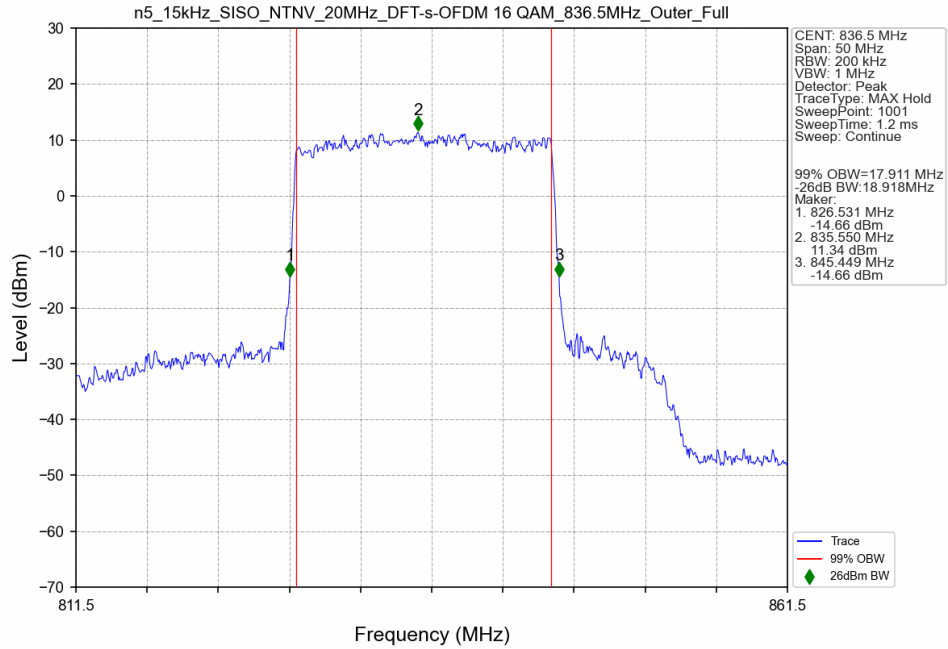


3.2.4 15_S_20M_NTNV

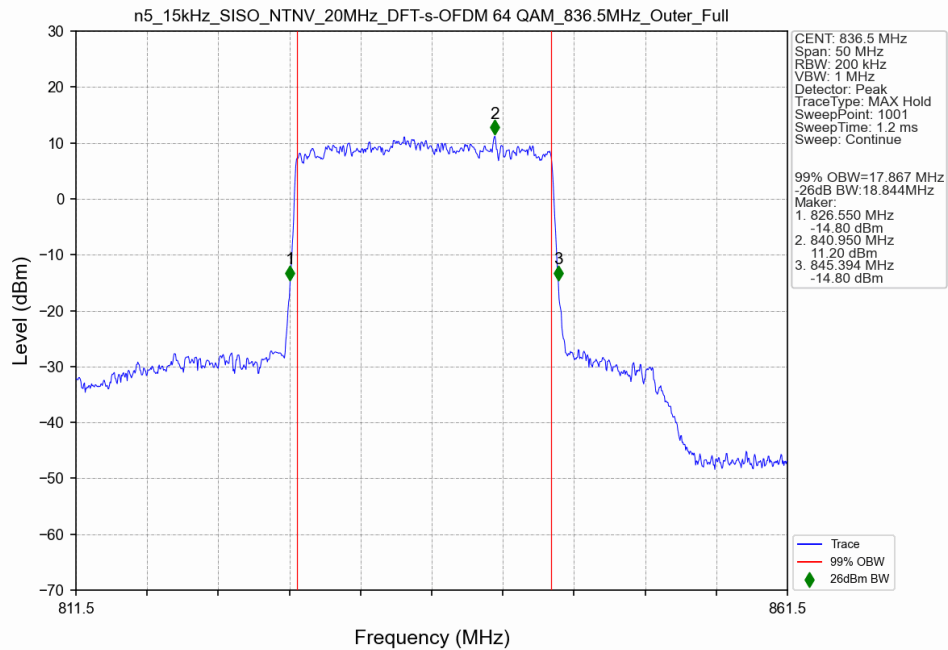




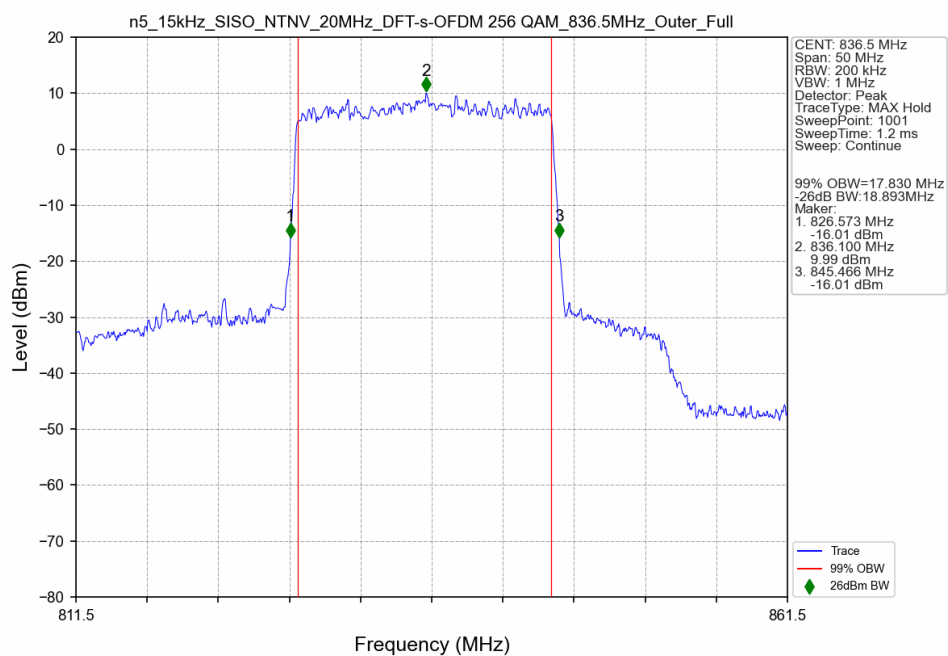
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 16 QAM 836.5MHz_Outer_Full_Ant0



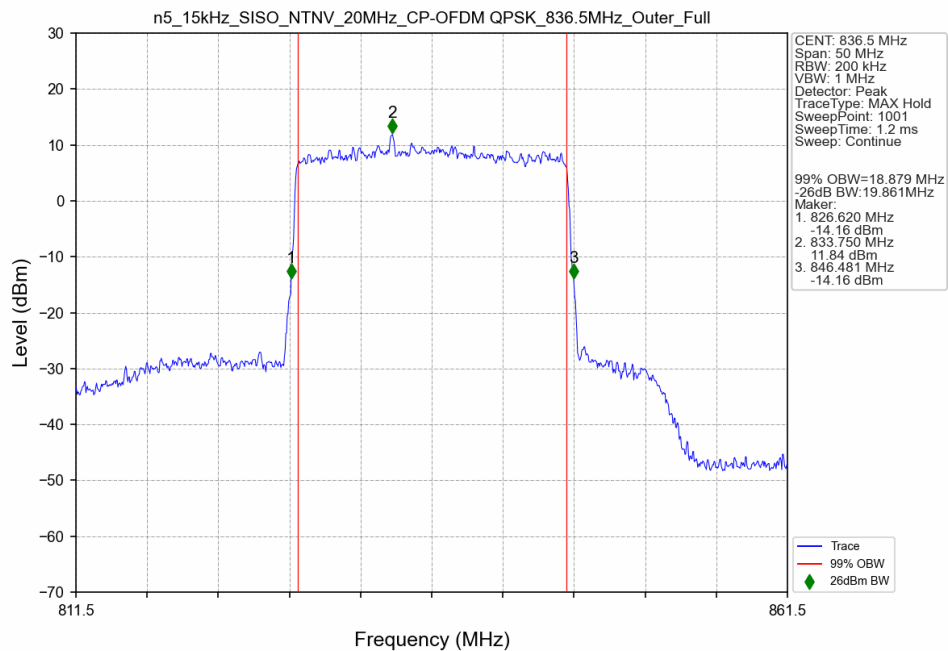
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 64 QAM 836.5MHz_Outer_Full_Ant0



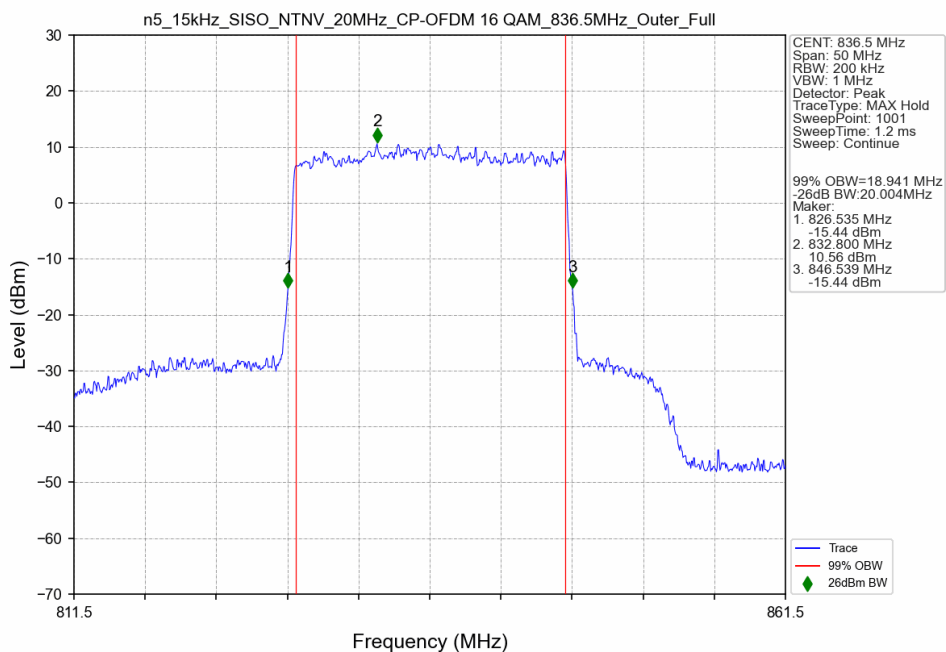
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_256_QAM_836.5MHz_Outer_Full_Ant0



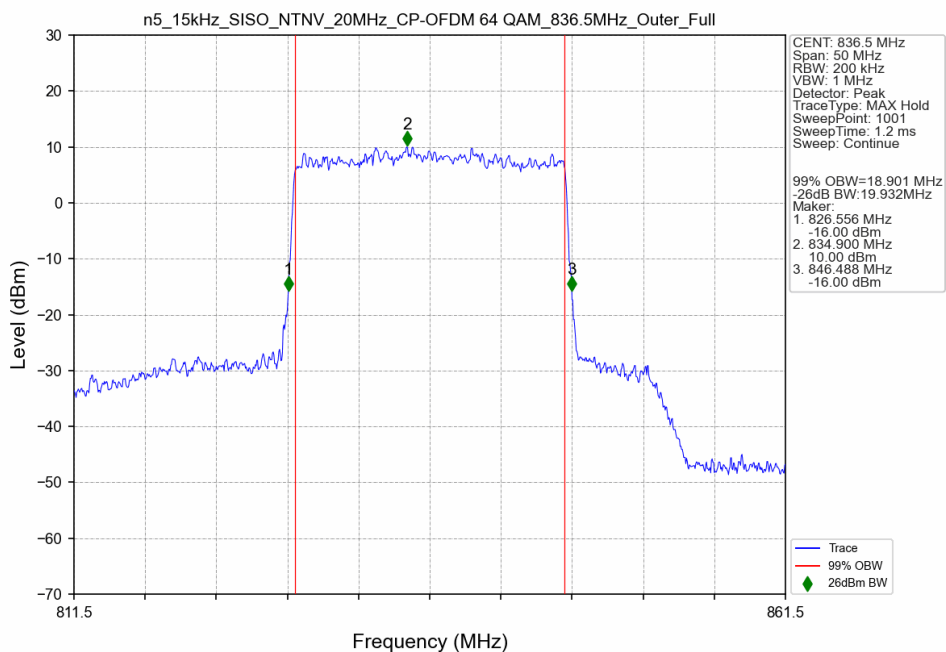
n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_836.5MHz_Outer_Full_Ant0



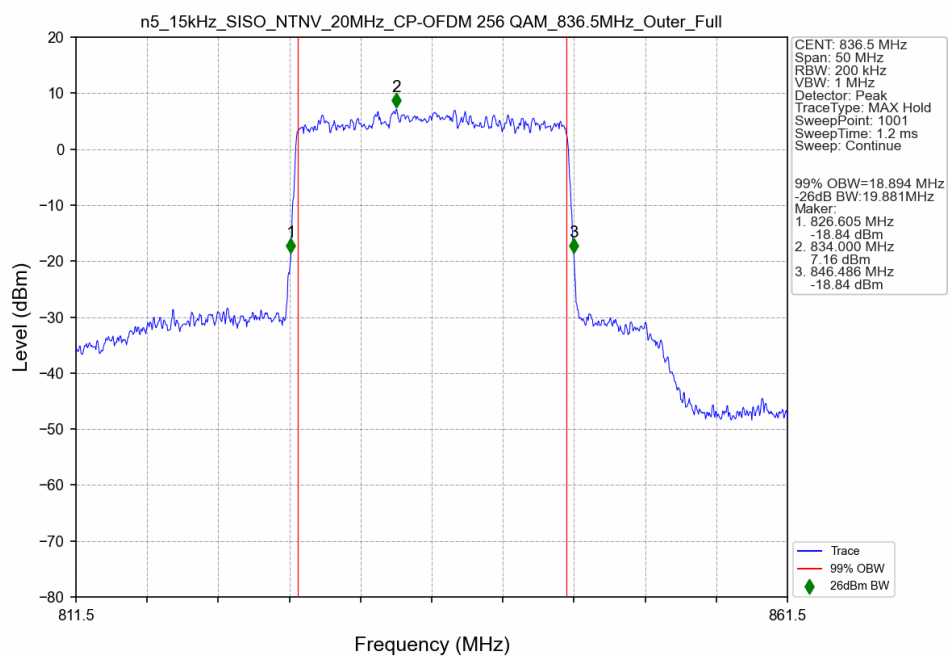
n5_15kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM 836.5MHz_Outer_Full_Ant0



n5_15kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM 836.5MHz_Outer_Full_Ant0



n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_256_QAM_836.5MHz_Outer_Full_Ant0





4. Peak-Average Ratio

4.1 Test Result

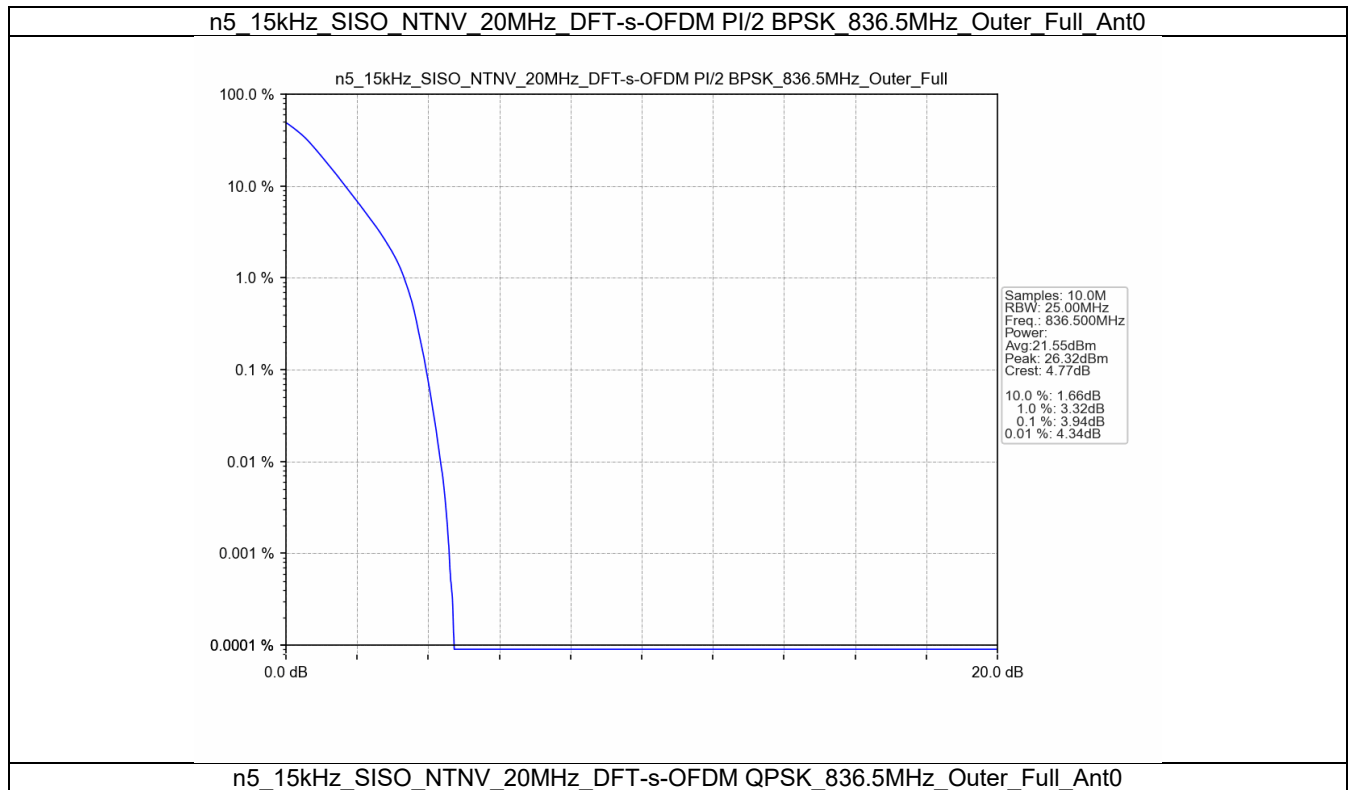
4.1.1 15_S_20M_NTNV

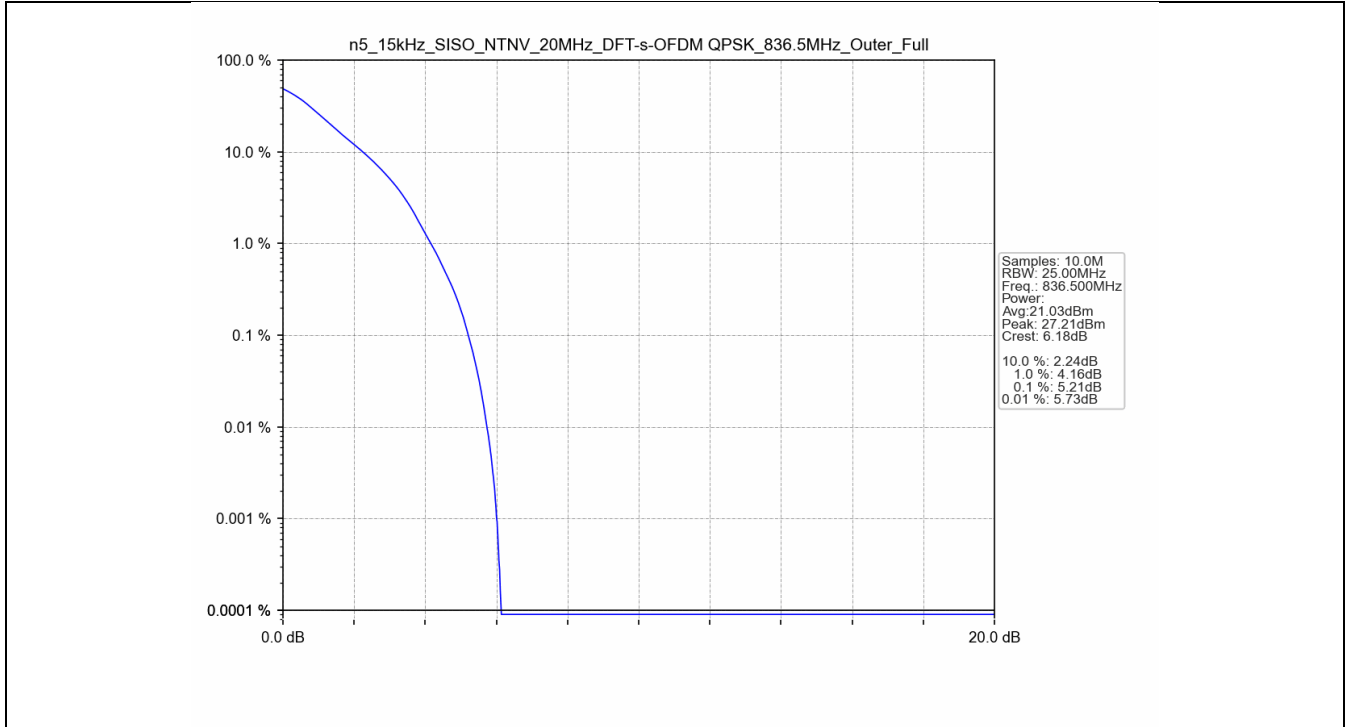
5G NR n5 SCS=15kHz SISO 20MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant0	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	836.5	Outer_Full	3.94	/	/	<=13	Pass
DFT-s-OFDM QPSK	836.5	Outer_Full	5.21	/	/	<=13	Pass
CP-OFDM QPSK	836.5	Outer_Full	7.00	/	/	<=13	Pass

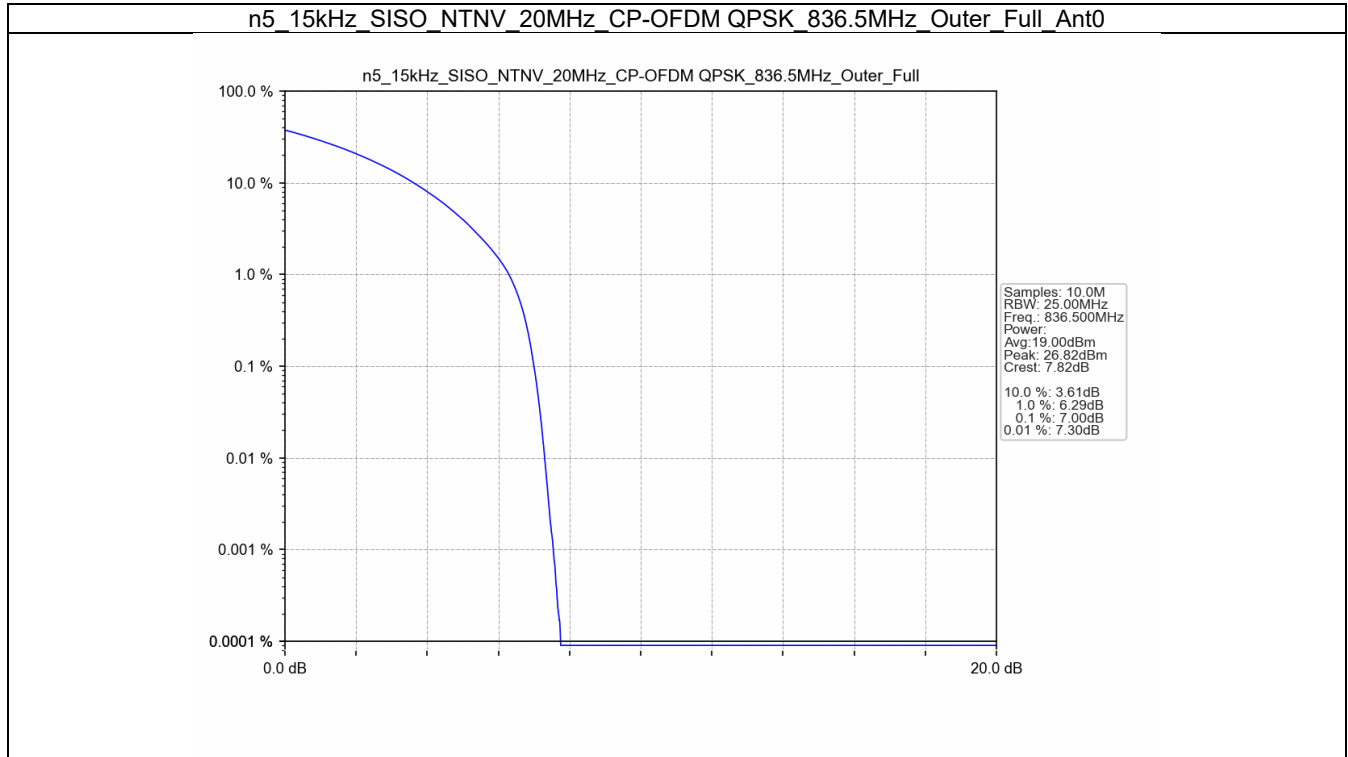


4.2 Test Graph

4.2.1 15_S_20M_NTNV







5. Spurious Emission

5.1 Test Result

5.1.1 15_S_5M_NTNV

5G NR n5 SCS=15kHz SISO 5MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant0	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 15_S_15M_NTNV

5G NR n5 SCS=15kHz SISO 15MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant0	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

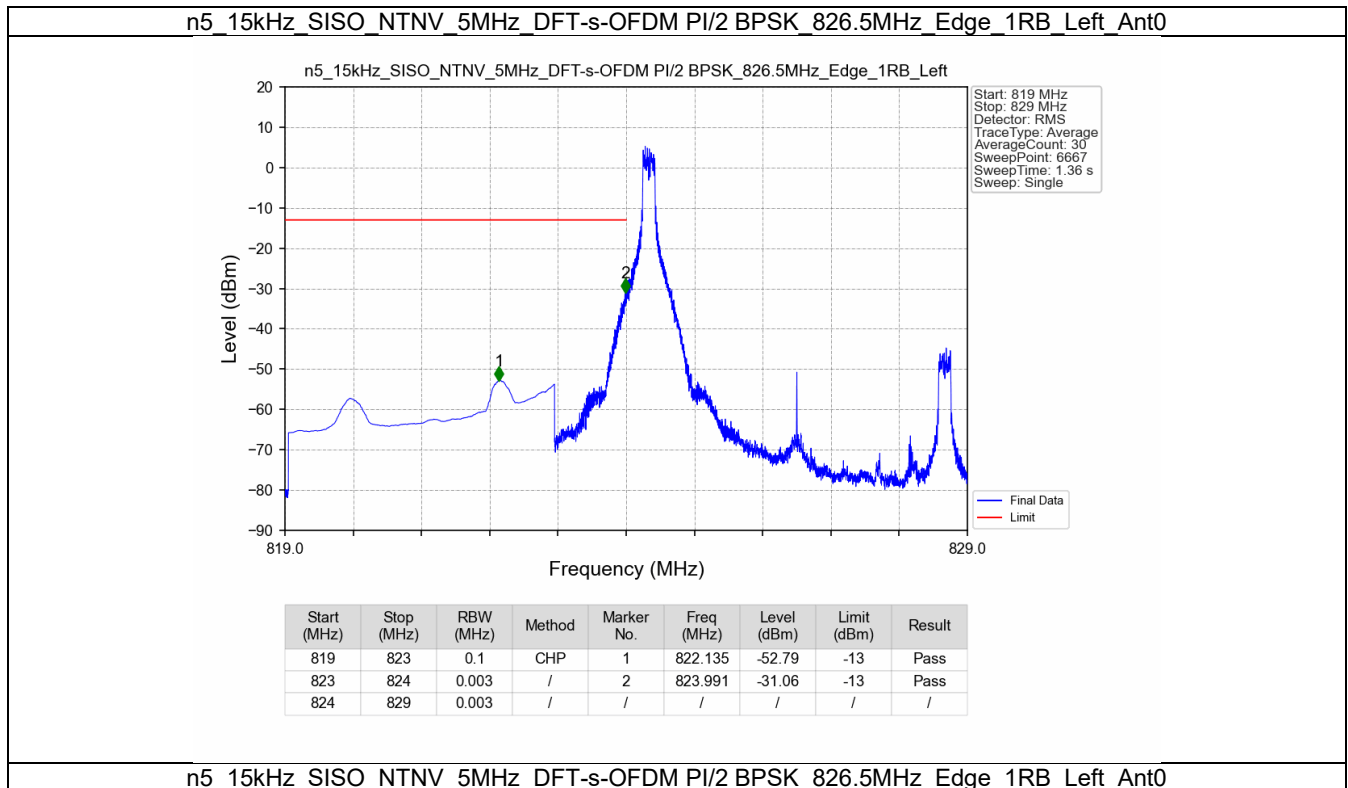


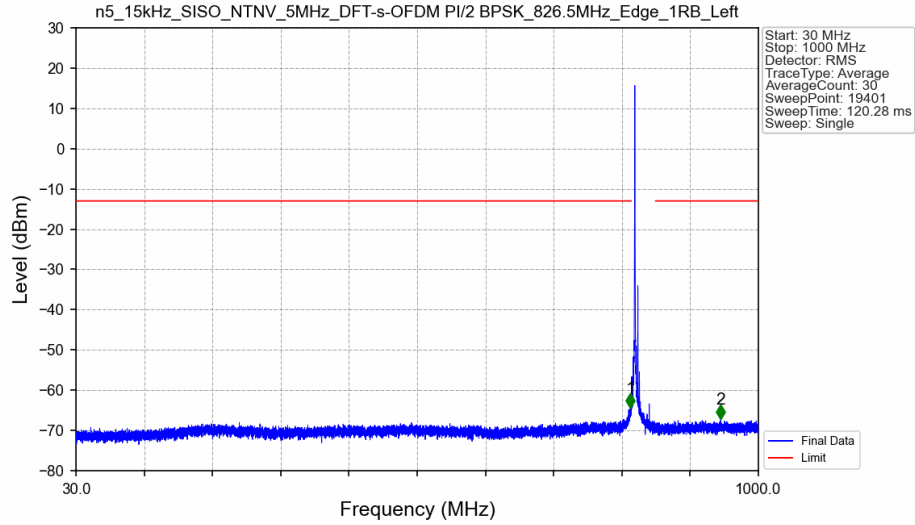
5.1.3 15_S_20M_NTNV

5G NR n5 SCS=15kHz SISO 20MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant0	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			
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			
	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

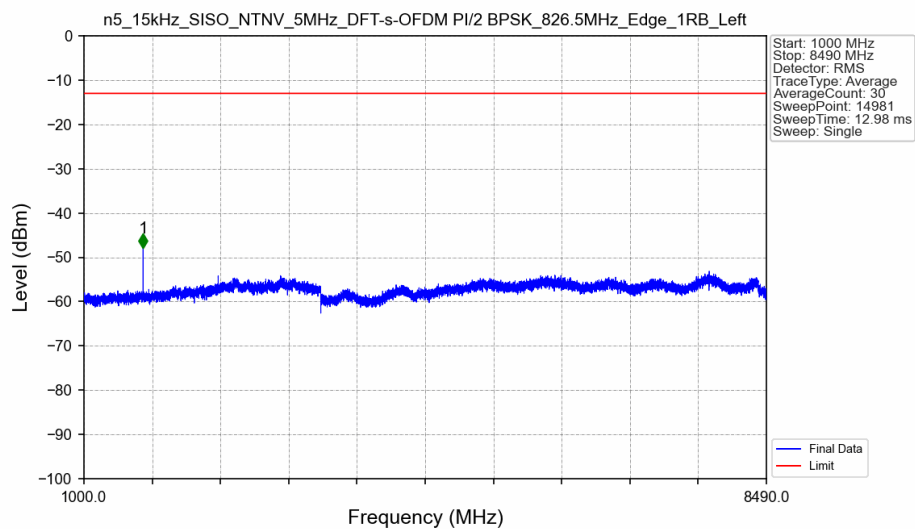
5.2.1 15_S_5M_NTNV





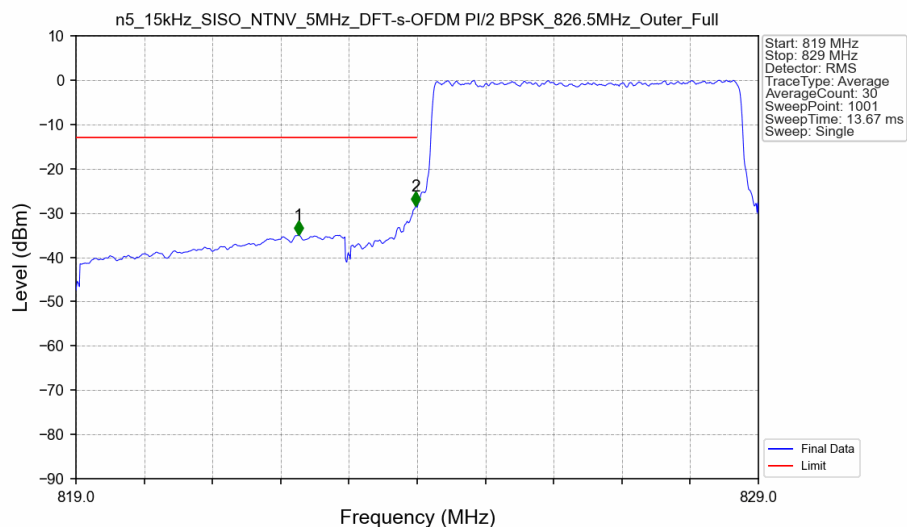
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.100	-64.39	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	946.400	-67.20	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_826.5MHz_Edge_1RB_Left_Ant0

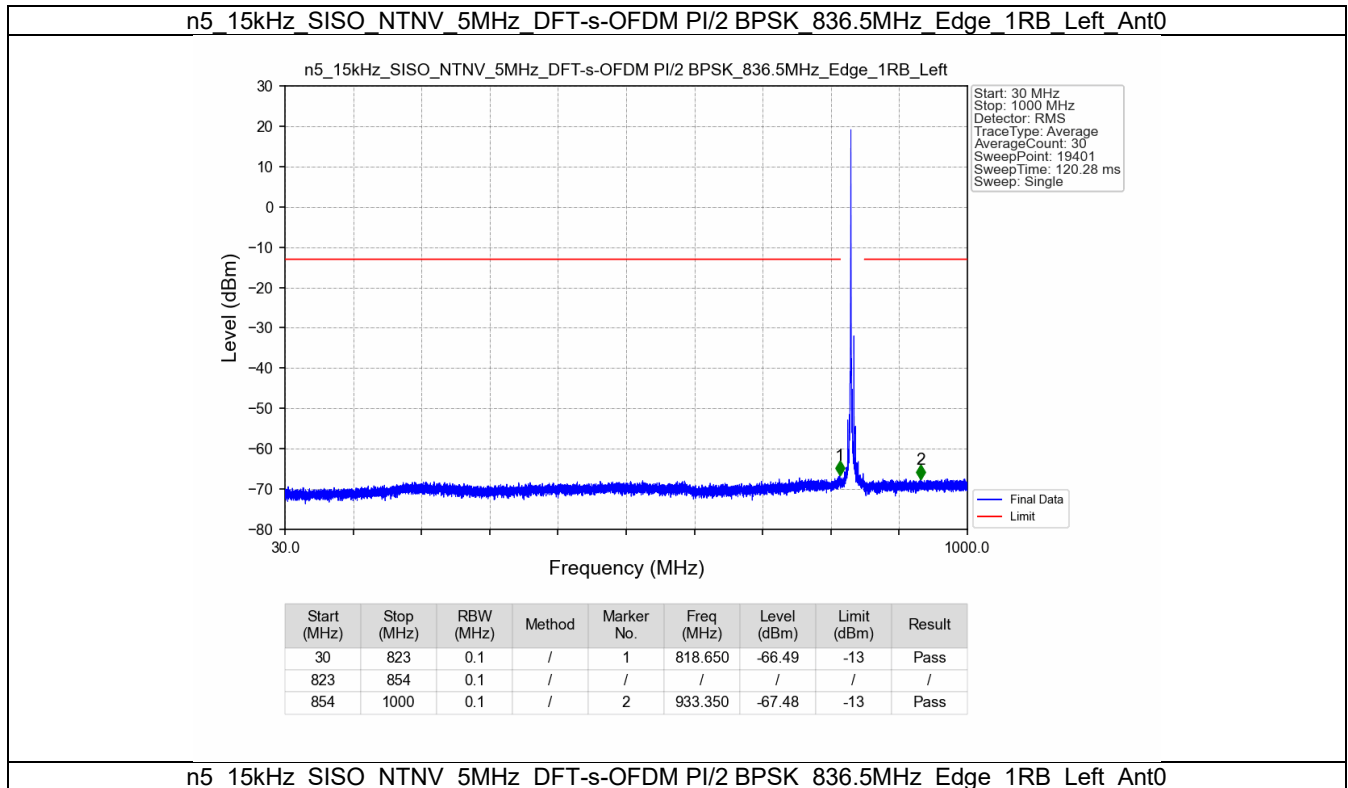


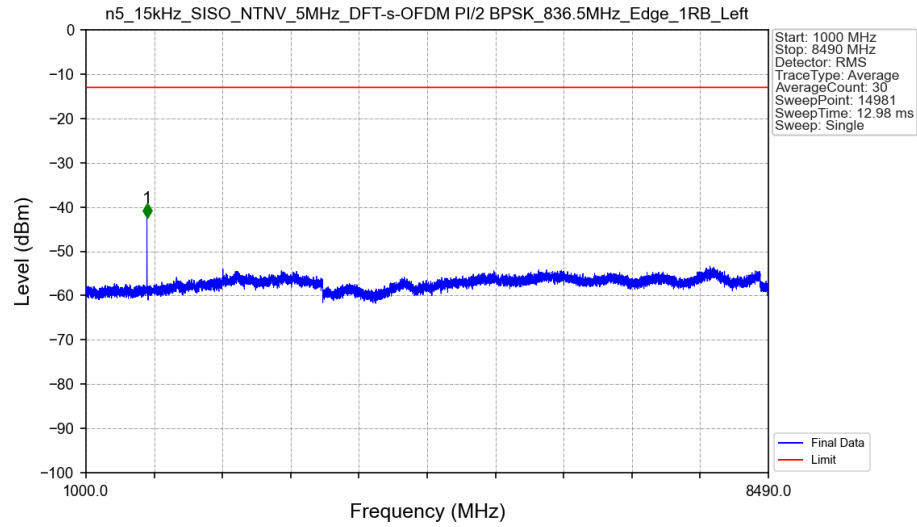
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1649.000	-47.90	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_826.5MHz_Outer_Full_Ant0



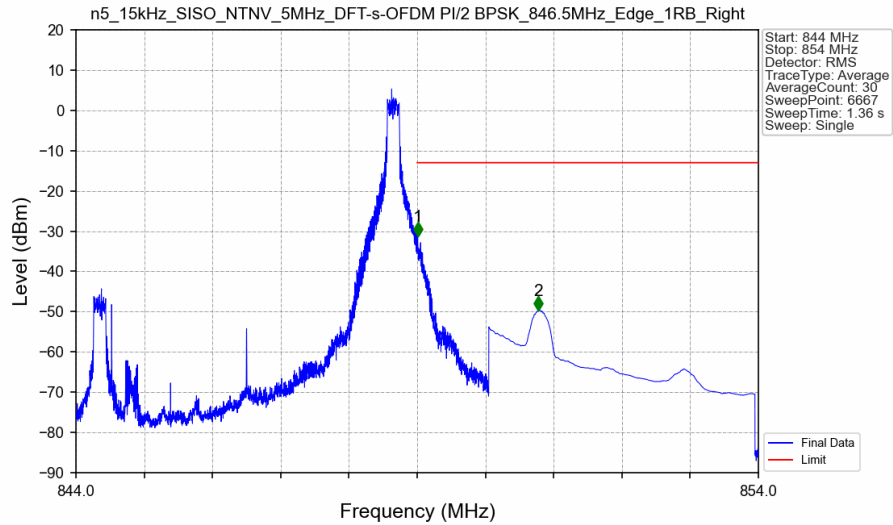
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.260	-35.01	-13	Pass
823	824	0.05088	CHP	2	823.980	-28.45	-13	Pass
824	829	0.05088	CHP	/	/	/	/	/





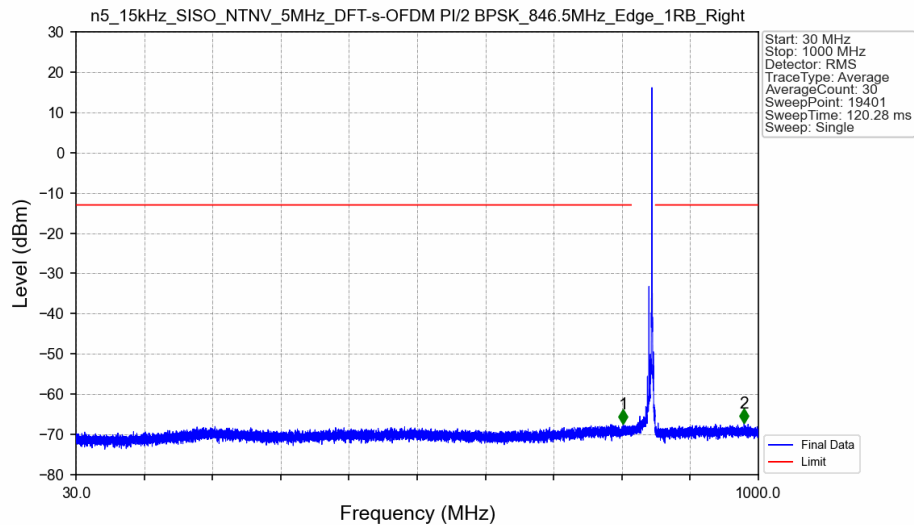
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1669.000	-42.41	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_846.5MHz_Edge_1RB_Right_Ant0

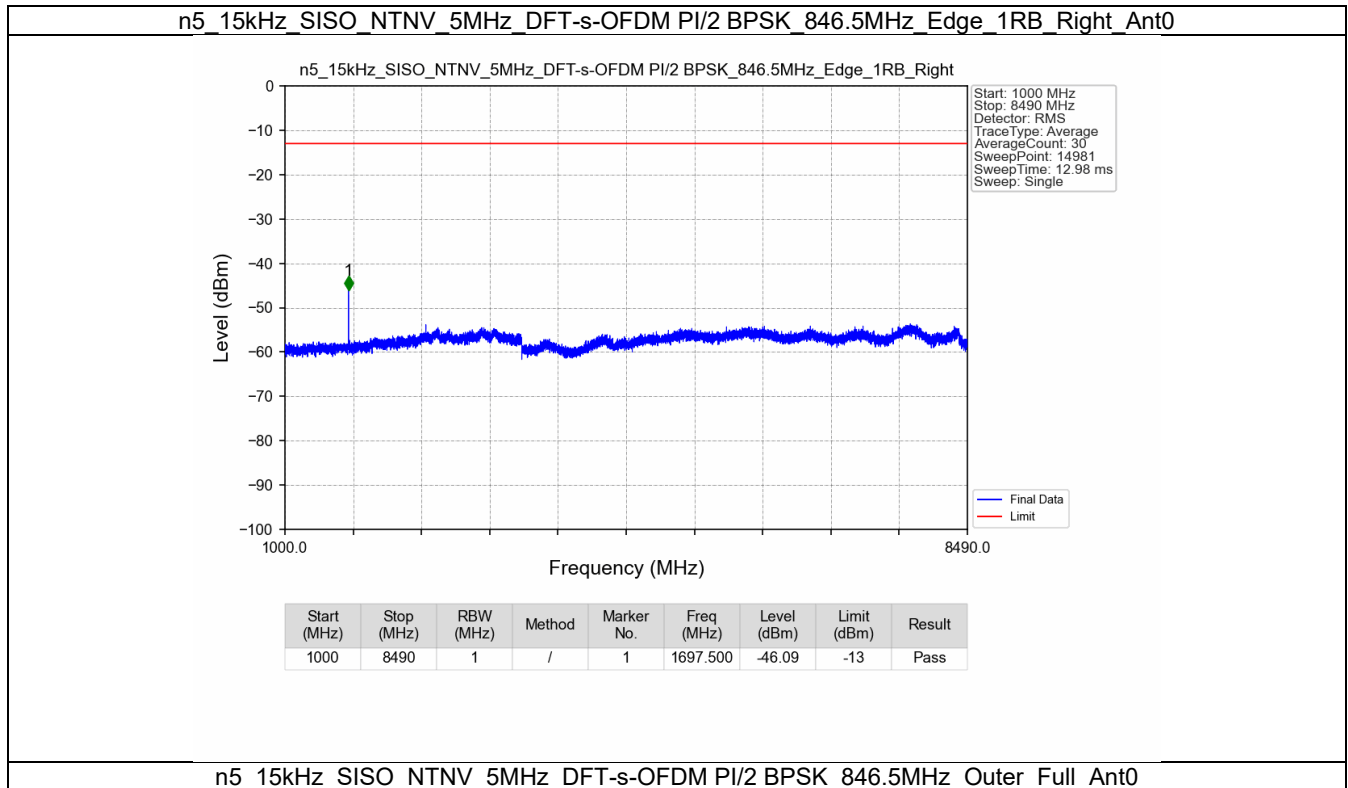


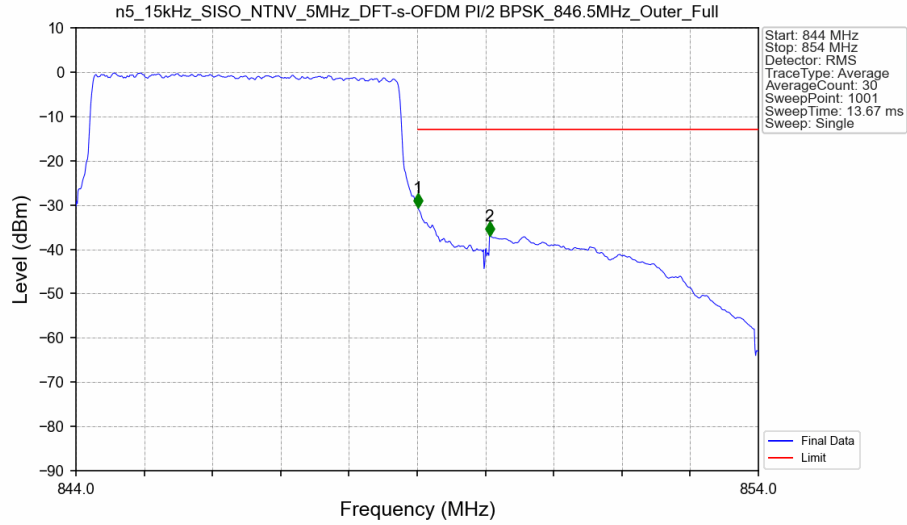
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.008	-31.14	-13	Pass
850	854	0.1	CHP	2	850.773	-49.59	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_846.5MHz_Edge_1RB_Right_Ant0



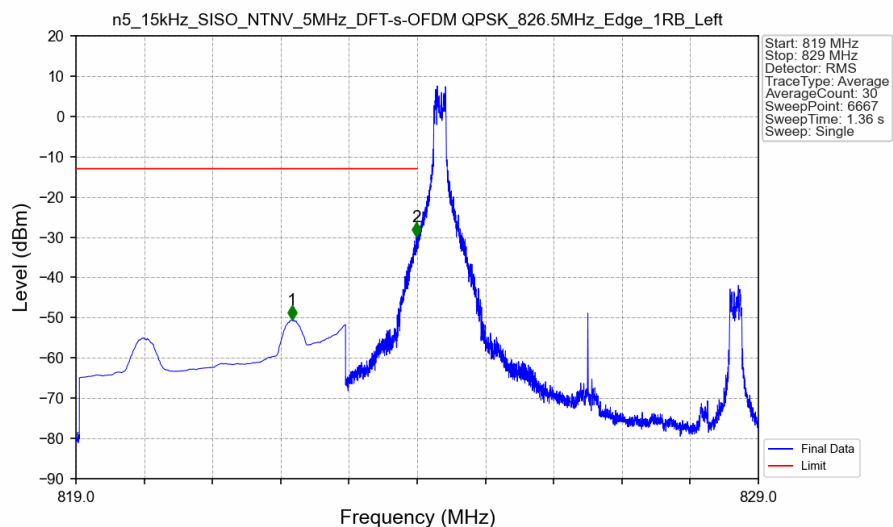
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	807.900	-67.33	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	979.600	-67.11	-13	Pass





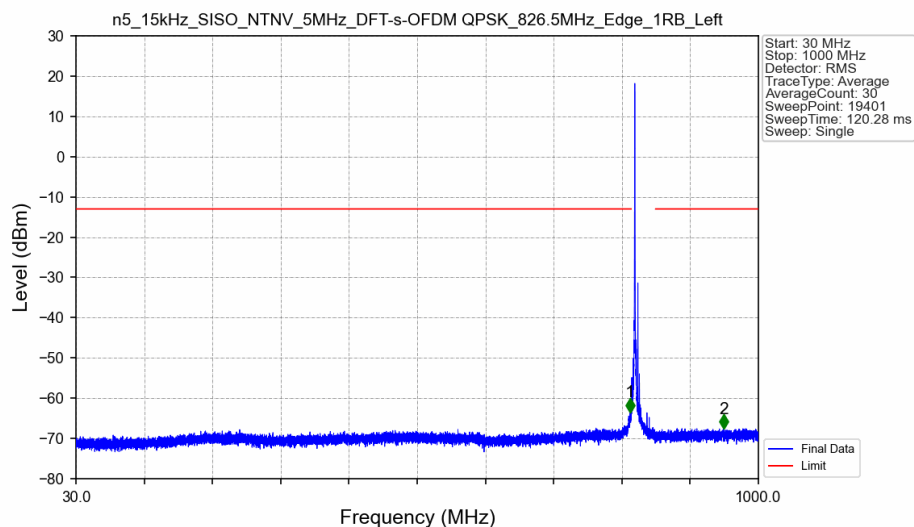
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.05088	CHP	/	/	/	/	/
849	850	0.05088	CHP	1	849.010	-30.56	-13	Pass
850	854	0.1	CHP	2	850.060	-36.89	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_826.5MHz_Edge_1RB_Left_Ant0

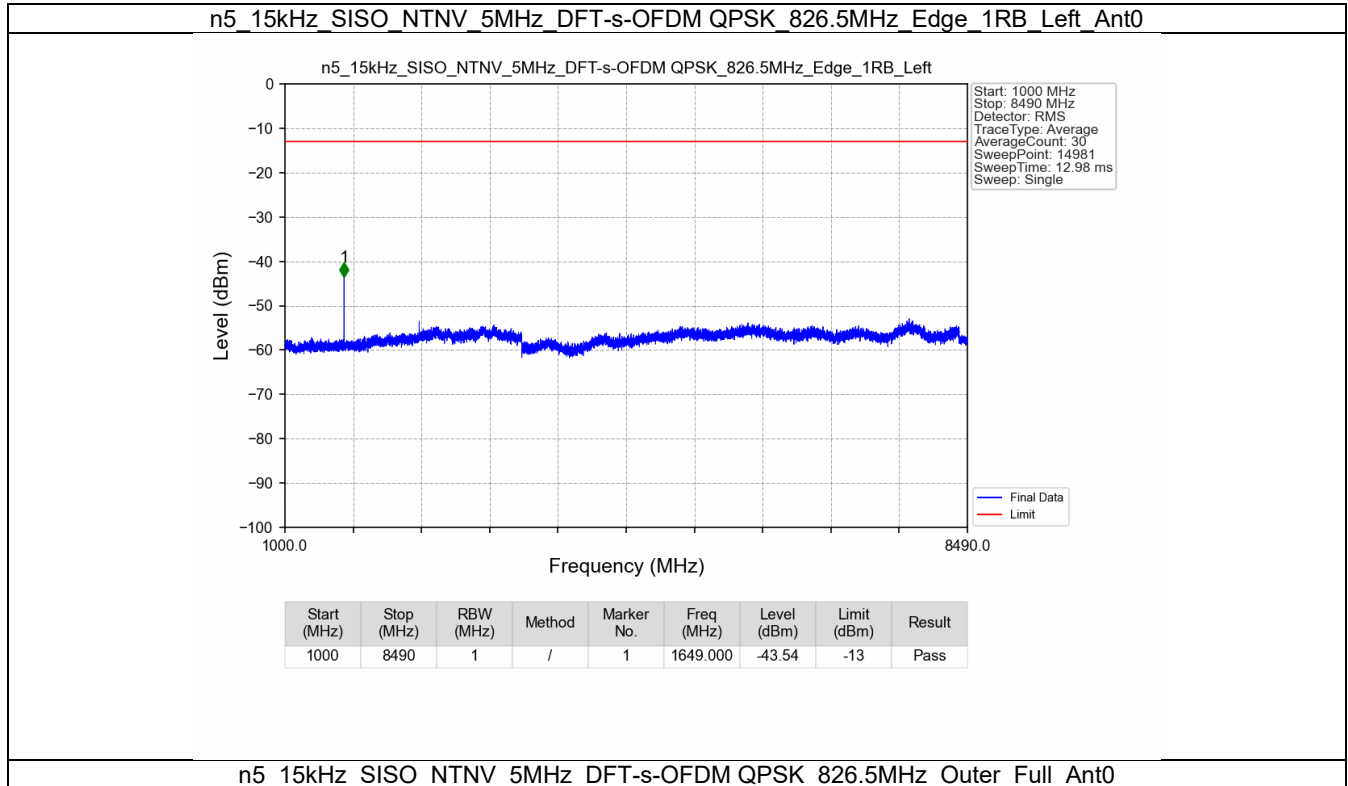


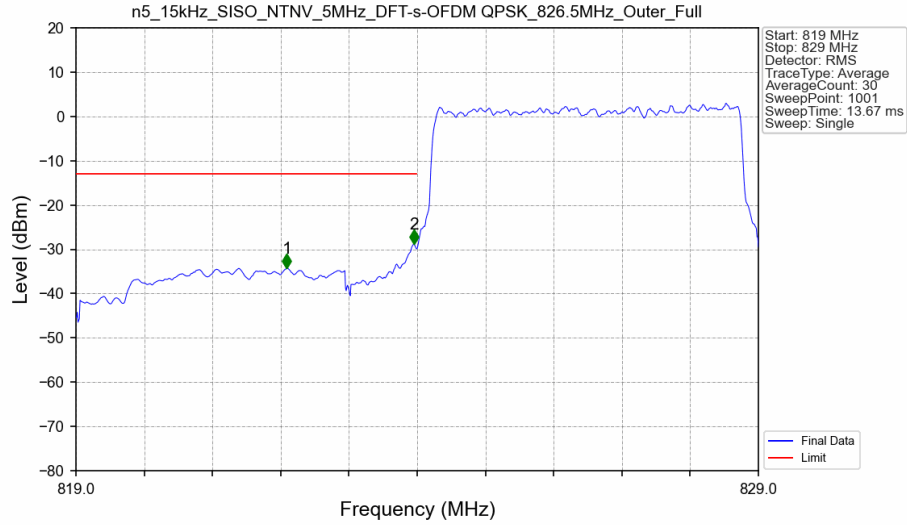
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.164	-50.49	-13	Pass
823	824	0.003	/	2	823.986	-29.93	-13	Pass
824	829	0.003	/	/	/	/	/	/

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_826.5MHz_Edge_1RB_Left_Ant0



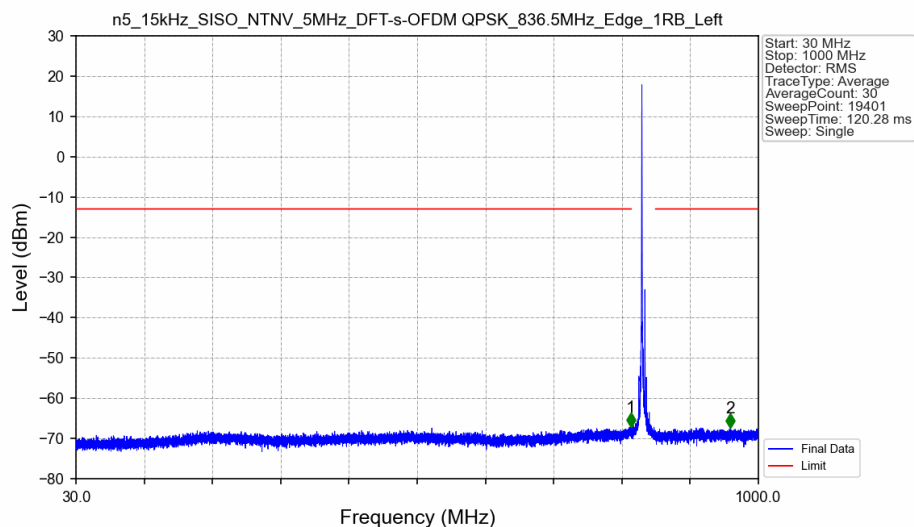
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	817.750	-63.41	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	950.500	-67.46	-13	Pass



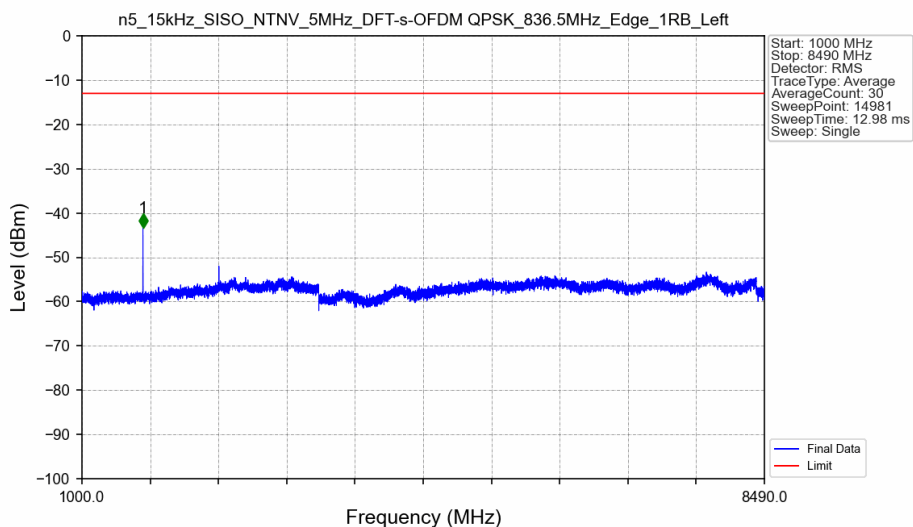


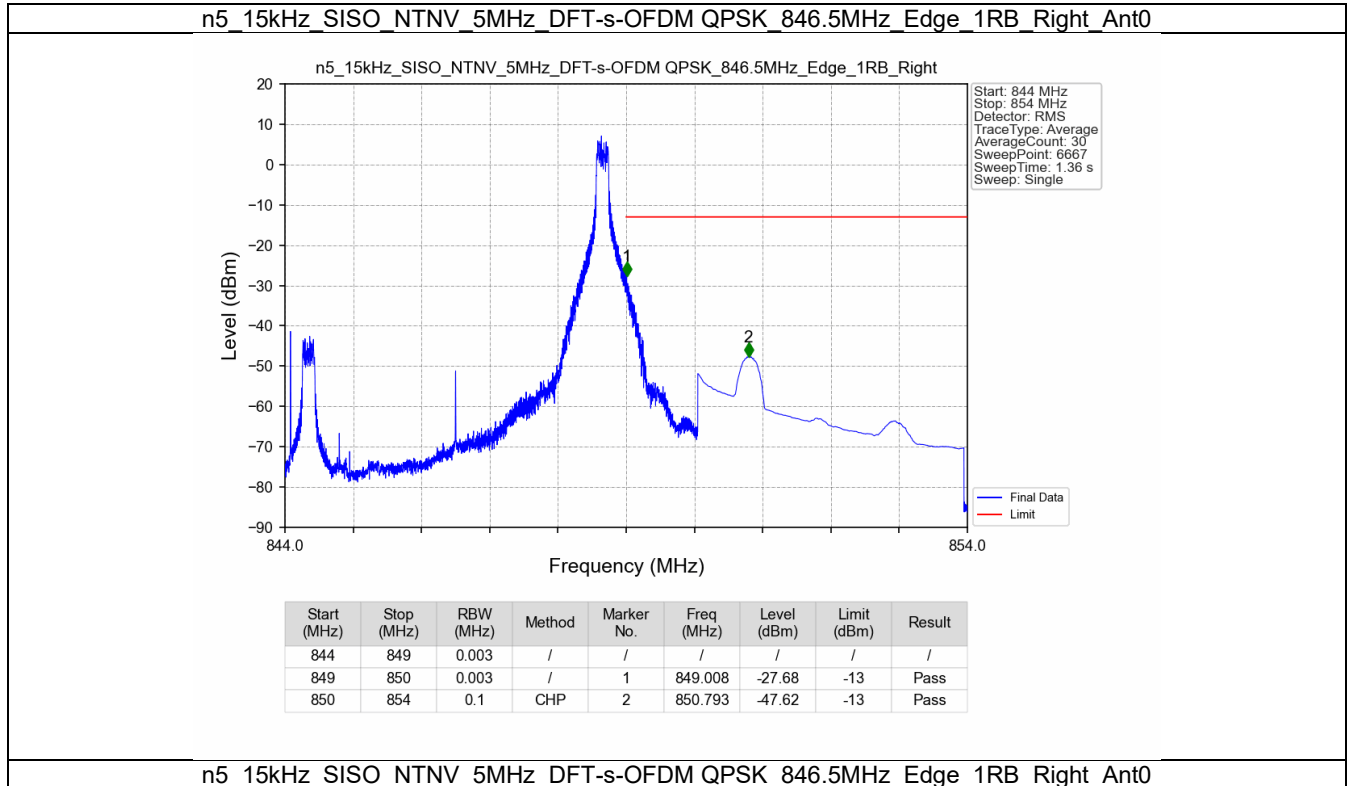
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.090	-34.25	-13	Pass
823	824	0.05088	CHP	2	823.950	-28.82	-13	Pass
824	829	0.05088	CHP	/	/	/	/	/

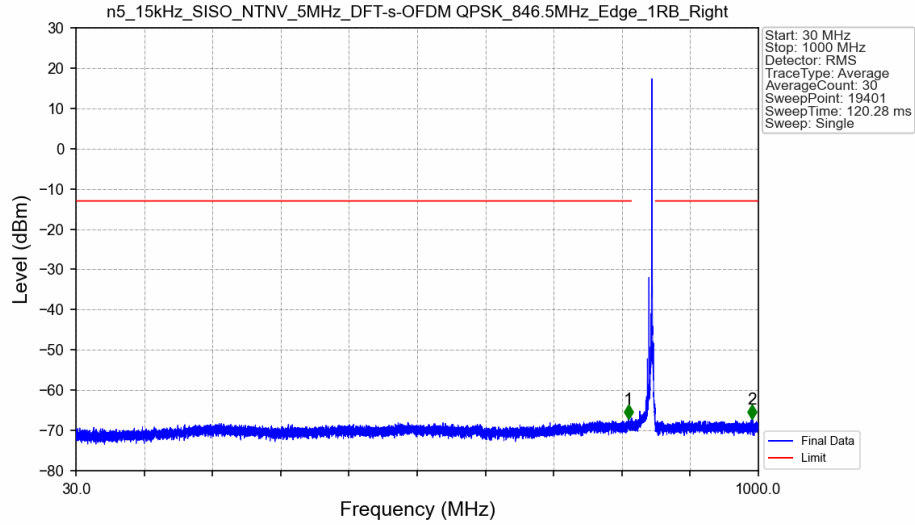
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_836.5MHz_Edge_1RB_Left_Ant0



n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_836.5MHz_Edge_1RB_Left_Ant0

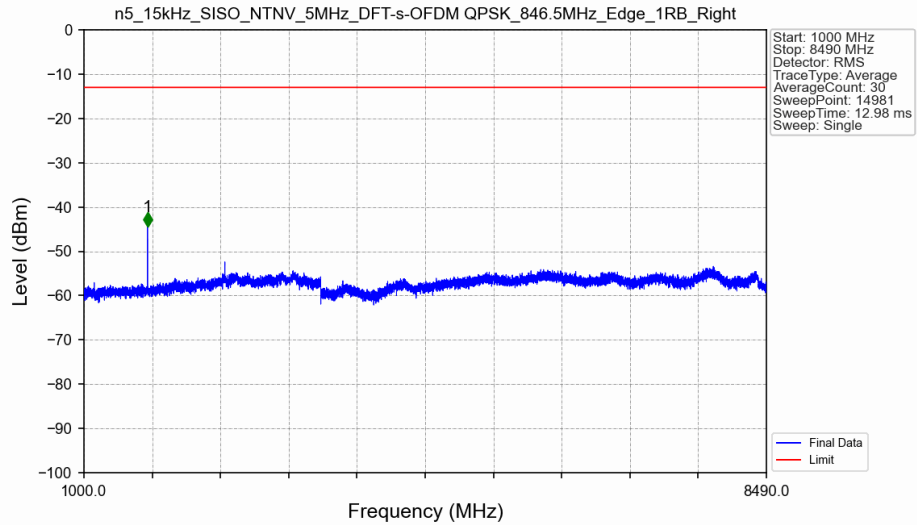






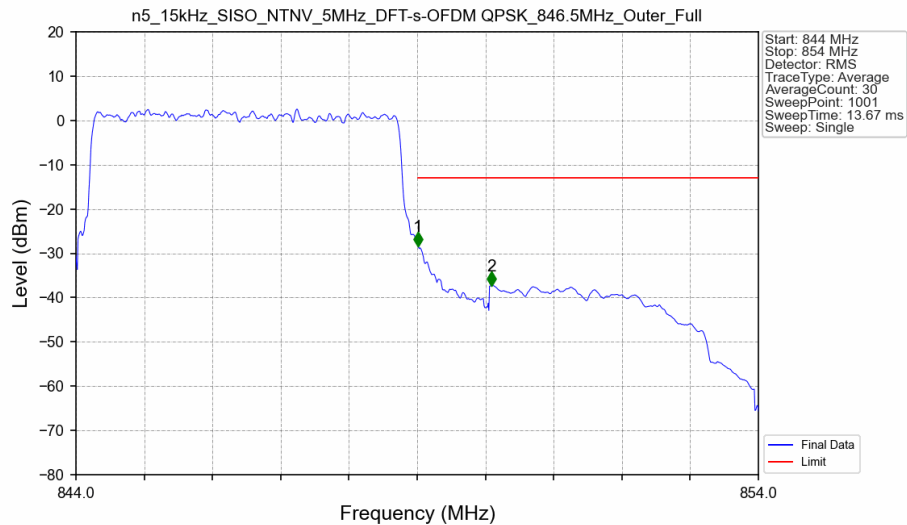
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	815.400	-67.20	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	990.950	-67.13	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_846.5MHz_Edge_1RB_Right_Ant0

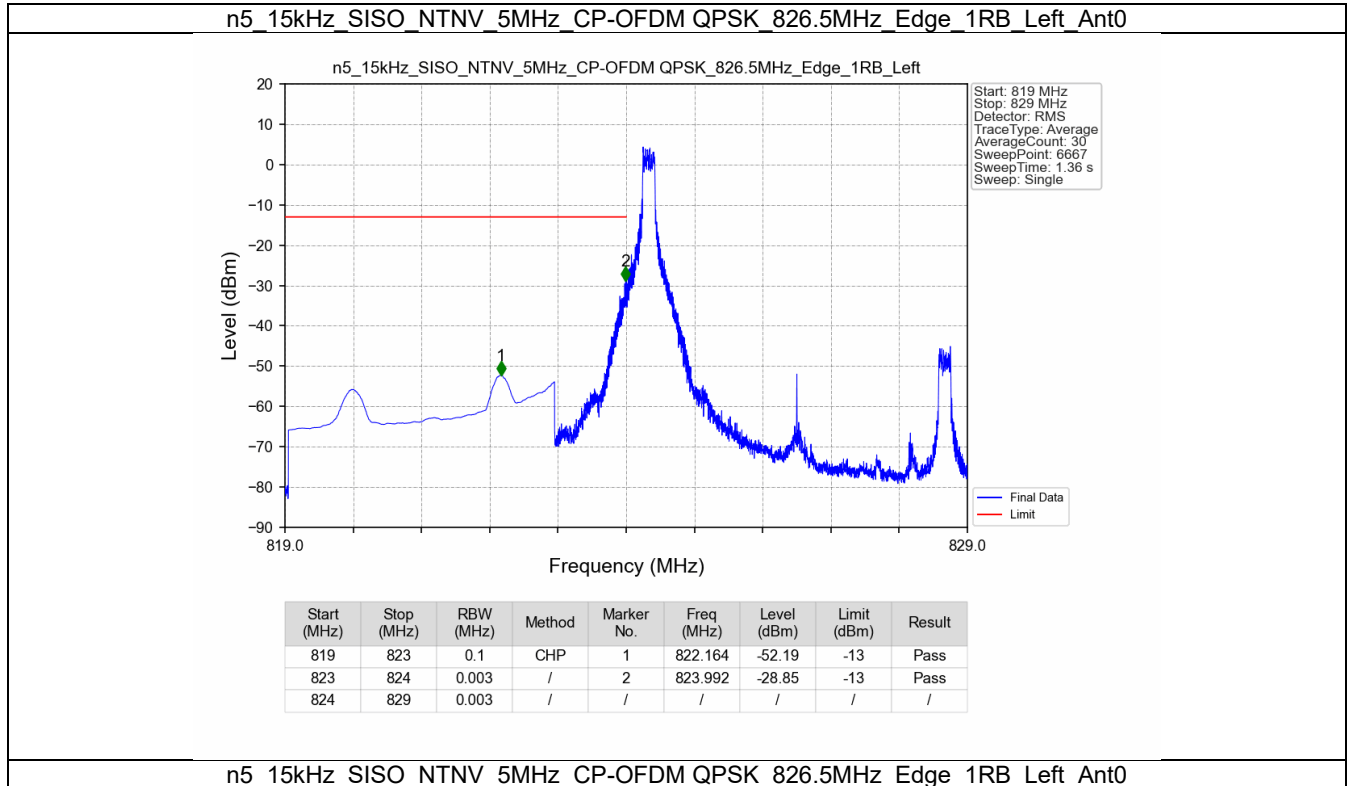


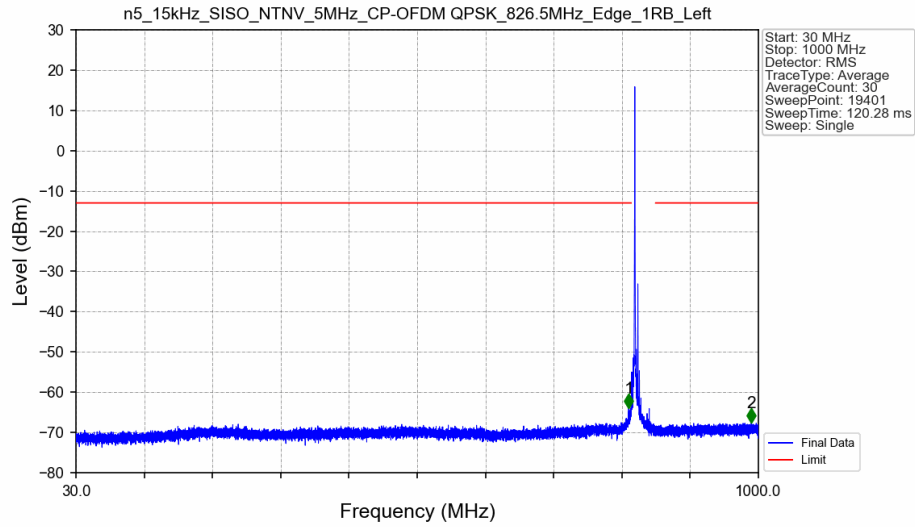
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1697.500	-44.34	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_846.5MHz_Outer_Full_Ant0



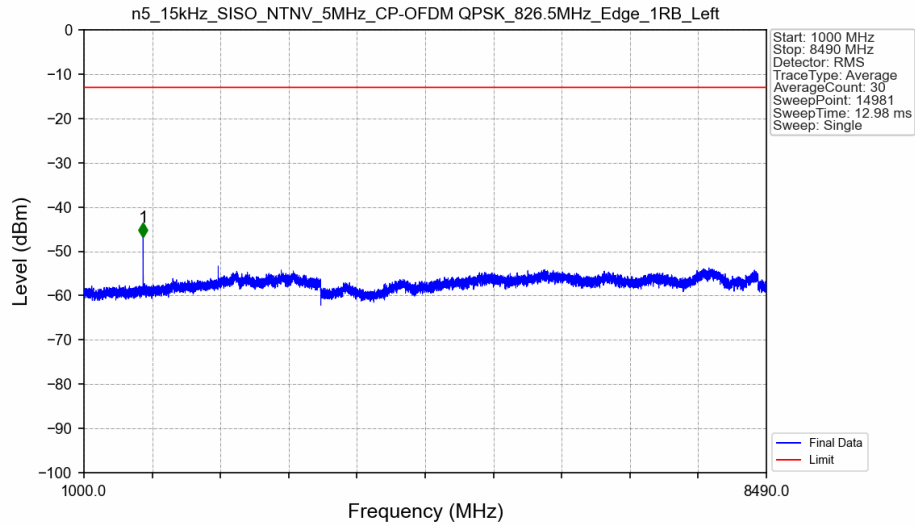
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.05088	CHP	/	/	/	/	/
849	850	0.05088	CHP	1	849.010	-28.40	-13	Pass
850	854	0.1	CHP	2	850.090	-37.27	-13	Pass





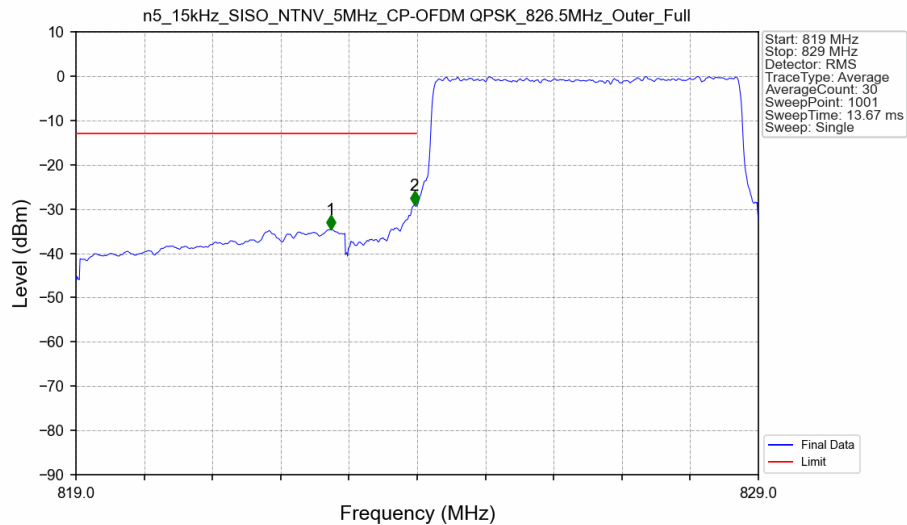
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	815.550	-64.00	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	989.800	-67.60	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK 826.5MHz_Edge_1RB_Left_Ant0



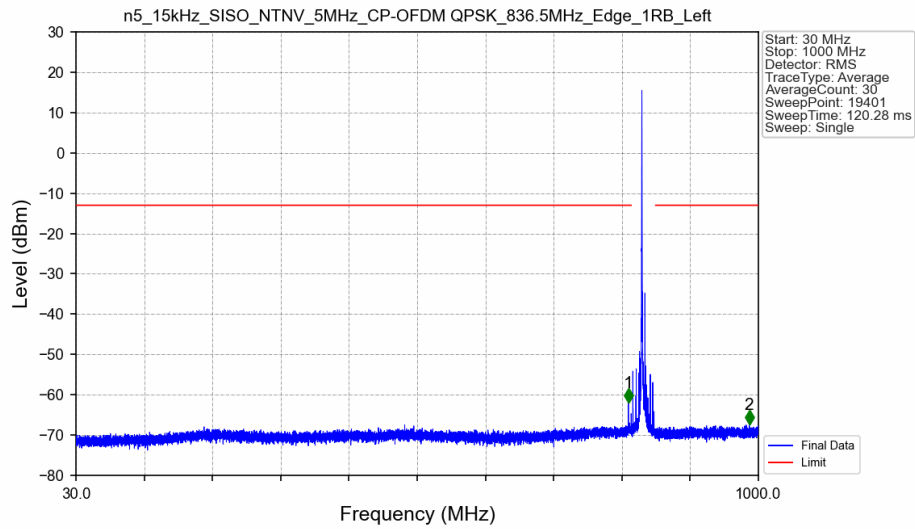
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1649.000	-46.75	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK 826.5MHz_Outer_Full_Ant0

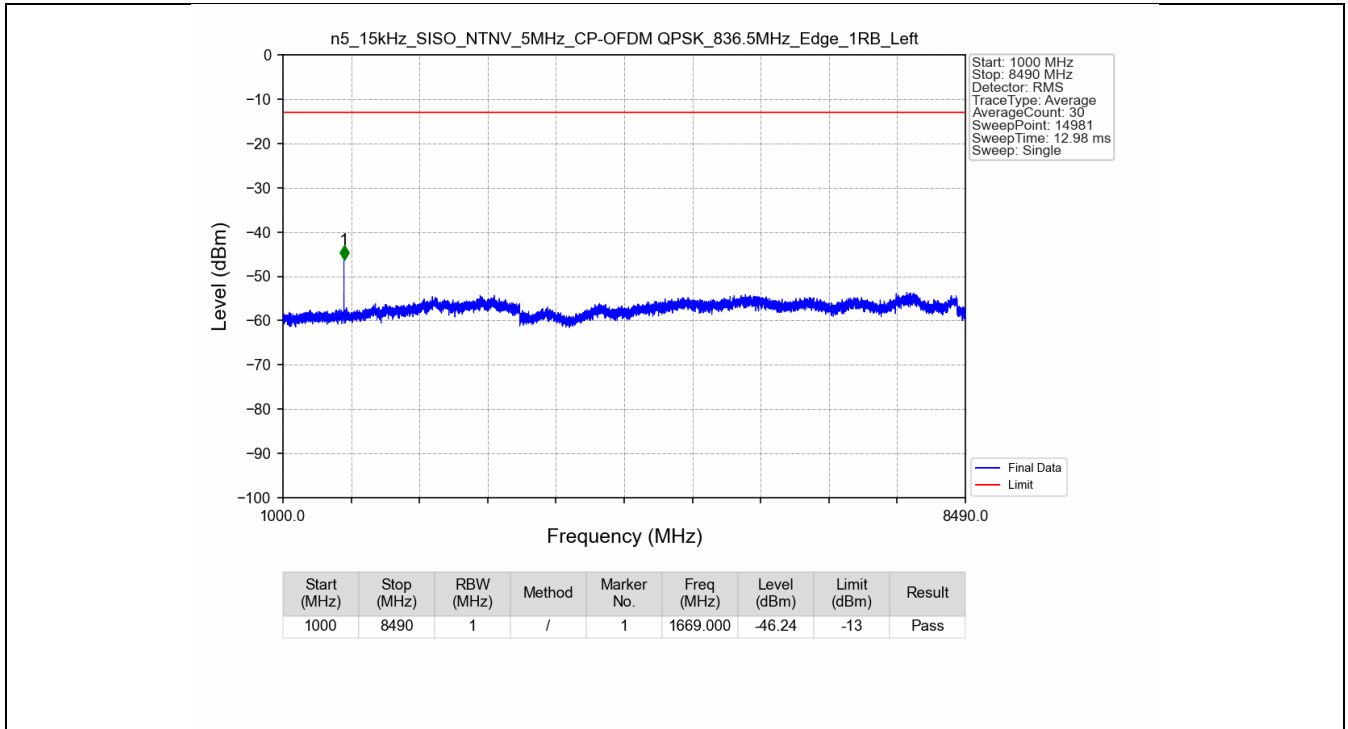


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.730	-34.65	-13	Pass
823	824	0.05088	CHP	2	823.960	-29.11	-13	Pass
824	829	0.05088	CHP	/	/	/	/	/

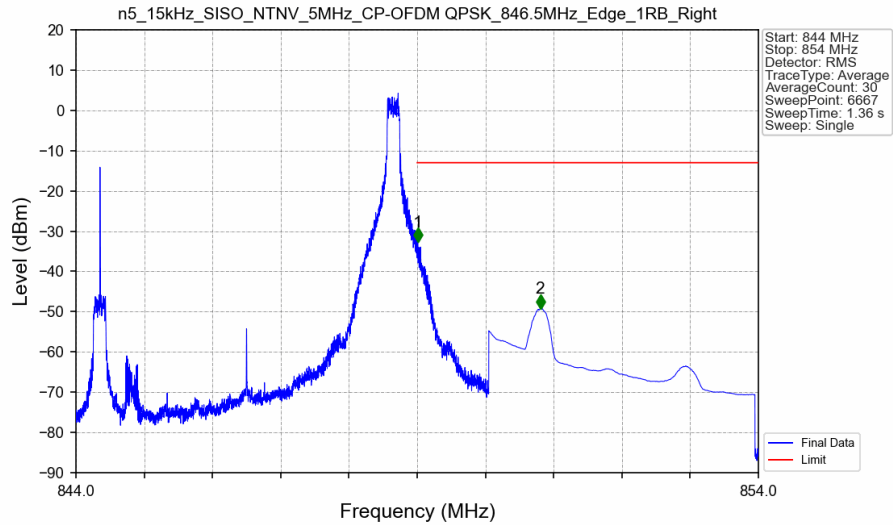
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant0



n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant0

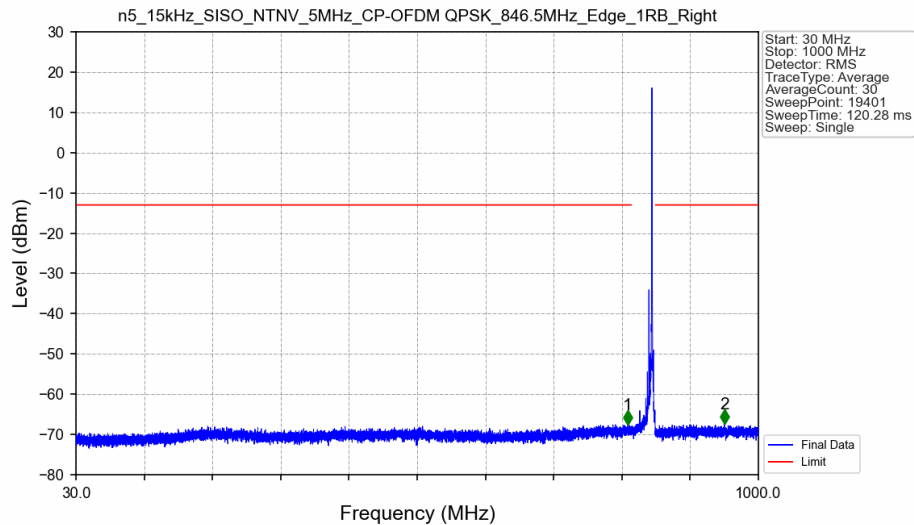


n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_846.5MHz_Edge_1RB_Right_Ant0

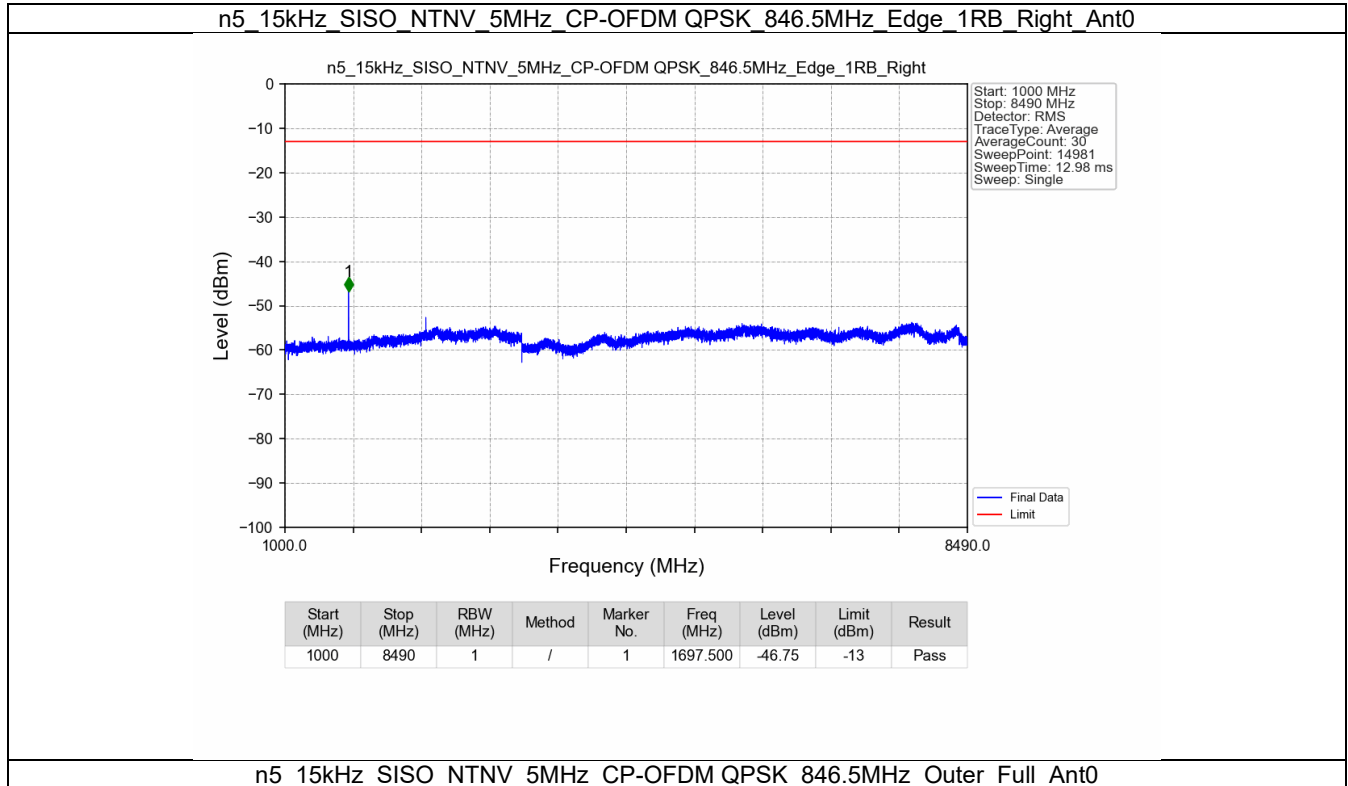


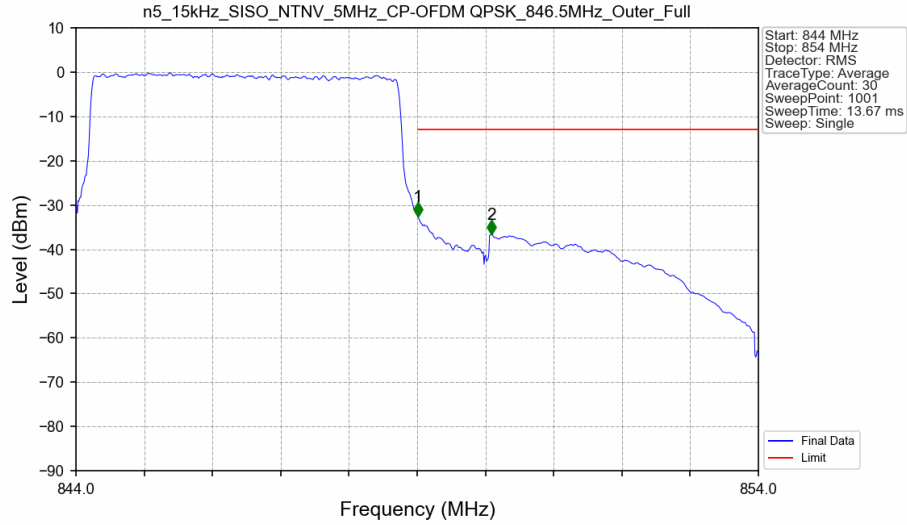
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.009	-32.68	-13	Pass
850	854	0.1	CHP	2	850.803	-49.17	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_846.5MHz_Edge_1RB_Right_Ant0



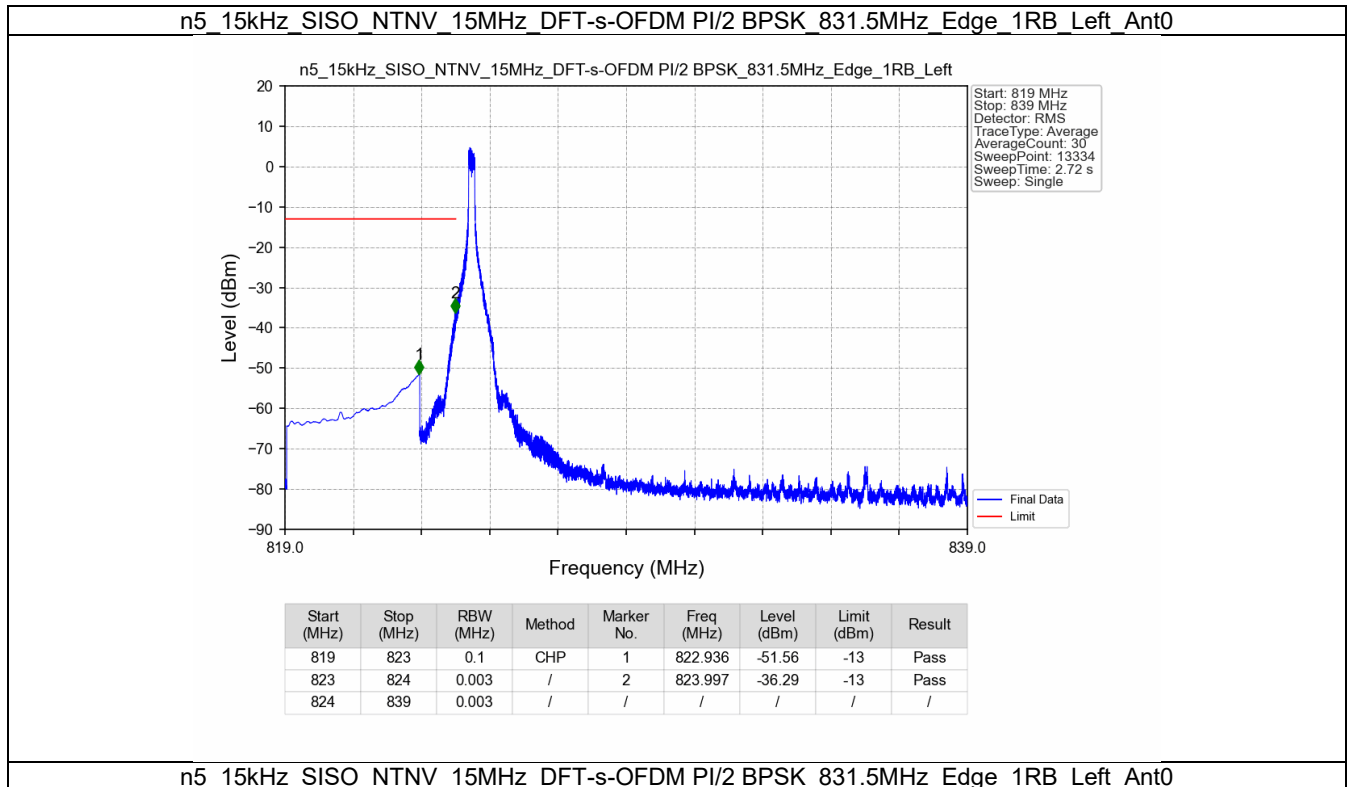
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	813.700	-67.50	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	951.700	-67.37	-13	Pass

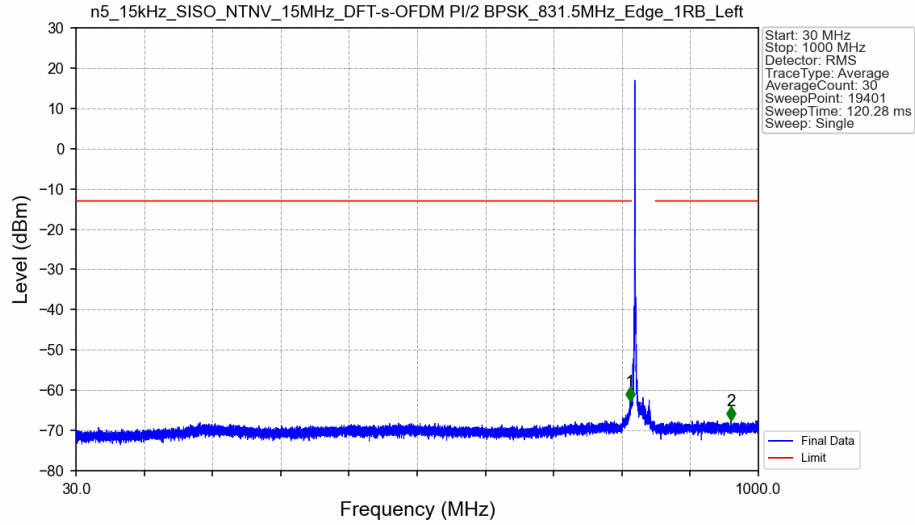




Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.05088	CHP	/	/	/	/	/
849	850	0.05088	CHP	1	849.010	-32.64	-13	Pass
850	854	0.1	CHP	2	850.090	-36.64	-13	Pass

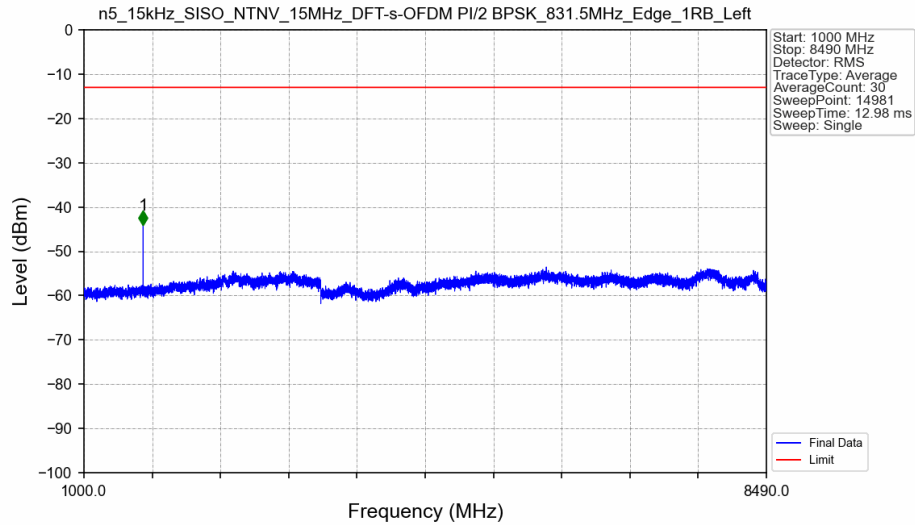
5.2.2 15_S_15M_NTNV





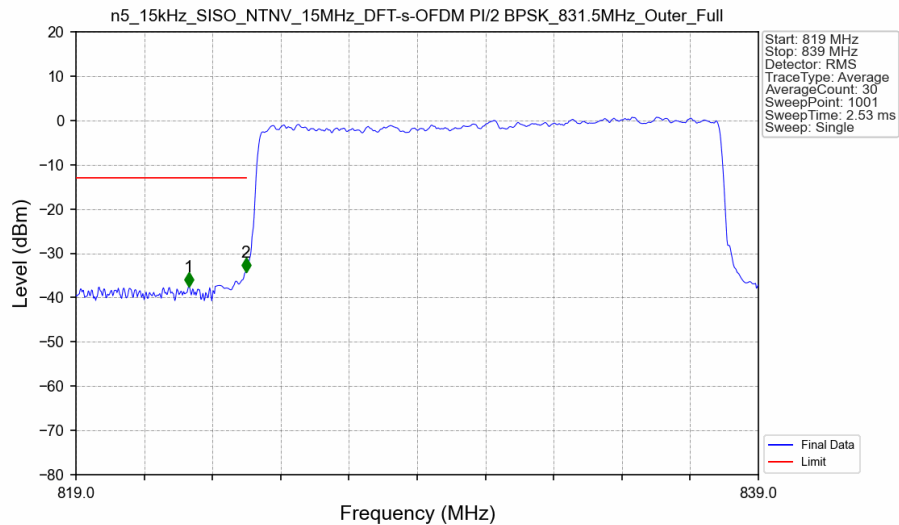
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	817.450	-62.69	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	960.950	-67.53	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_831.5MHz_Edge_1RB_Left_Ant0

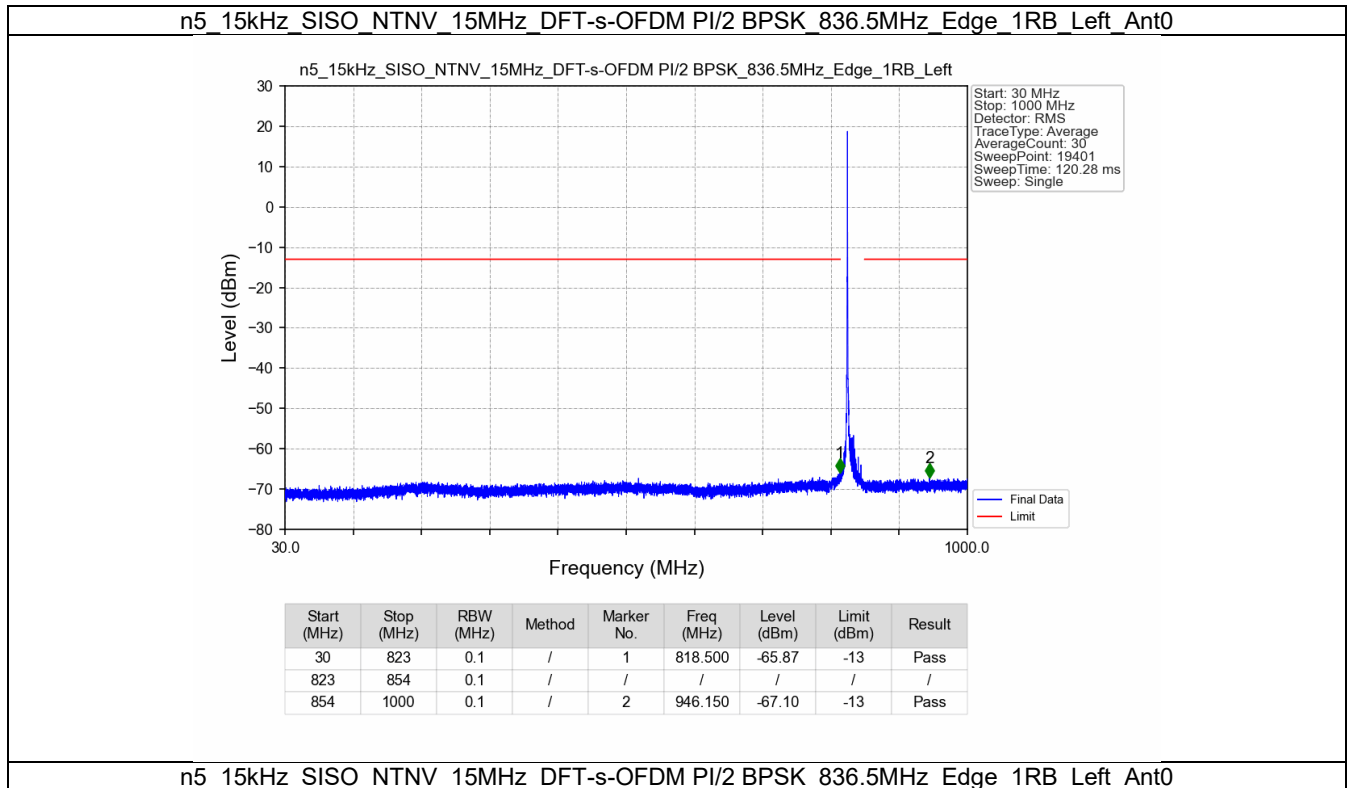


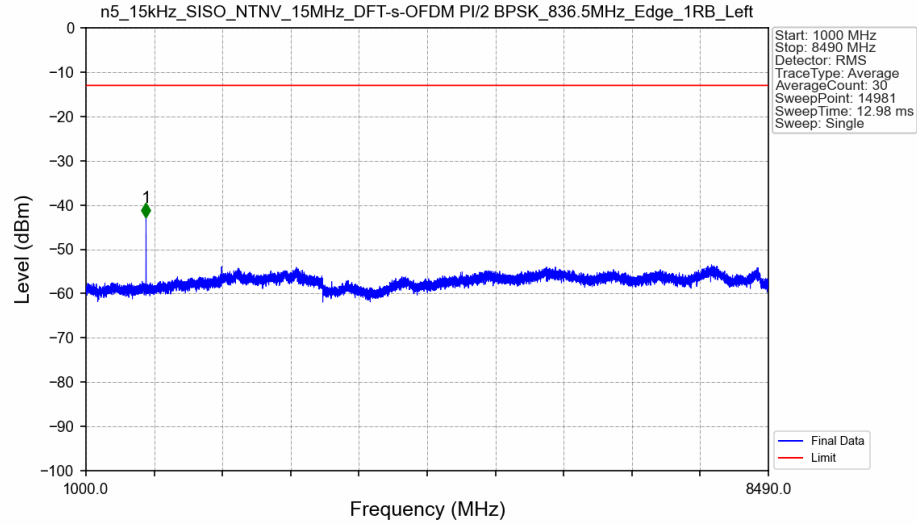
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1649.000	-44.06	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_831.5MHz_Outer_Full_Ant0



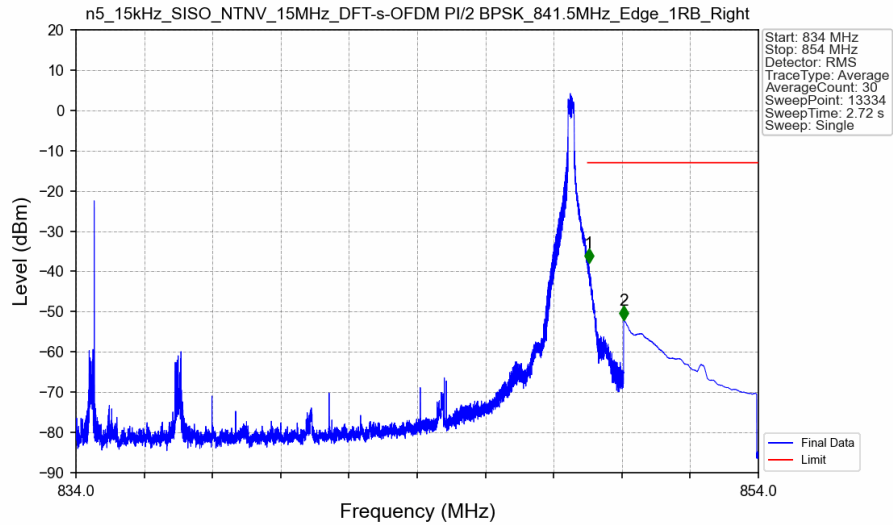
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	/	1	822.300	-37.49	-13	Pass
823	824	0.14283	CHP	2	823.980	-34.17	-13	Pass
824	839	0.14283	CHP	/	/	/	/	/



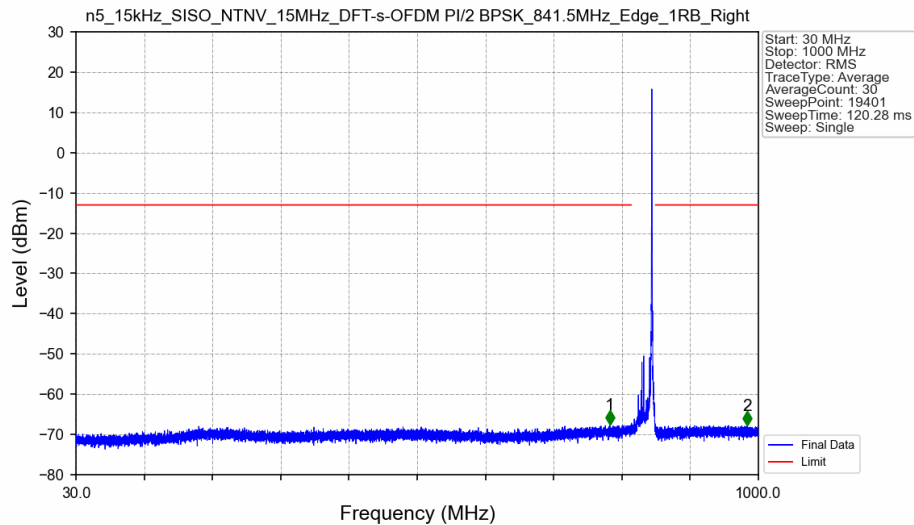


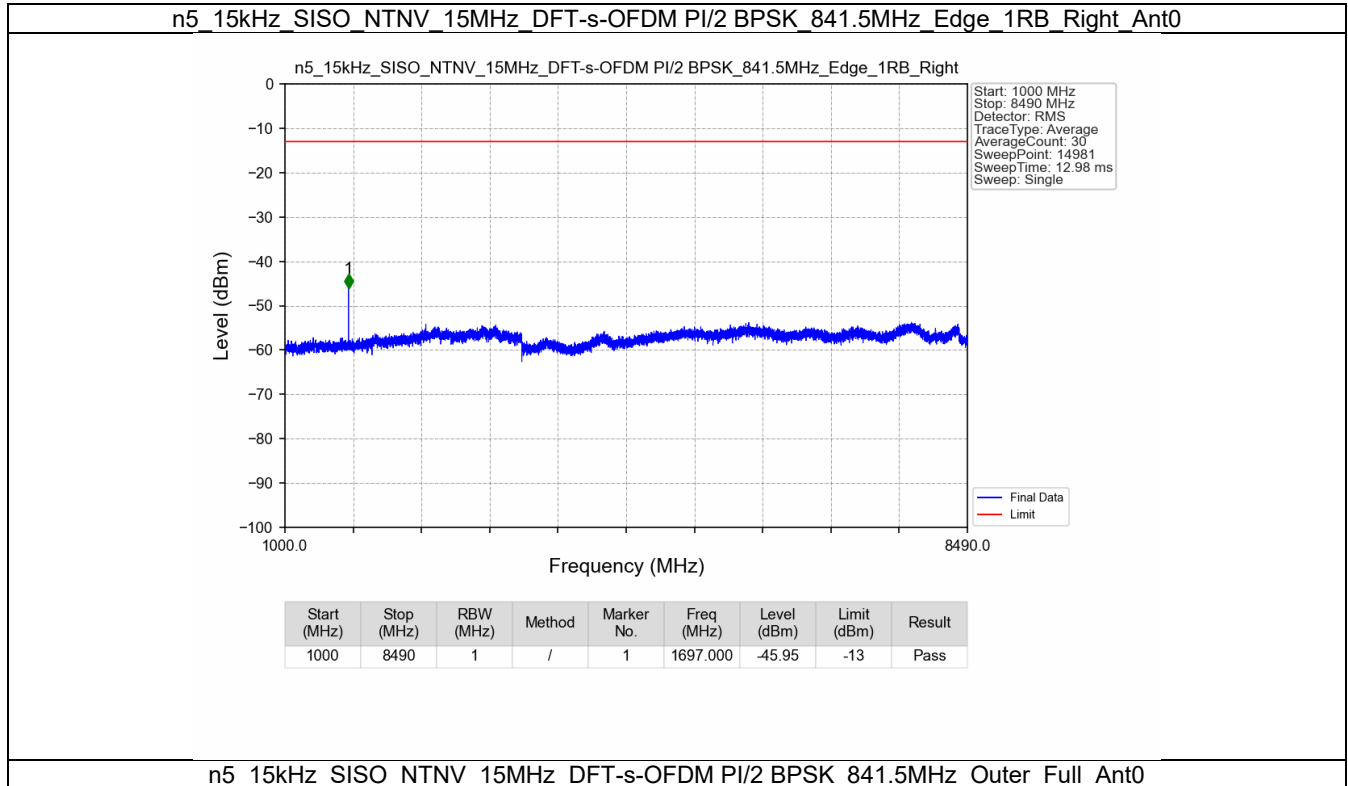
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1659.000	-42.80	-13	Pass

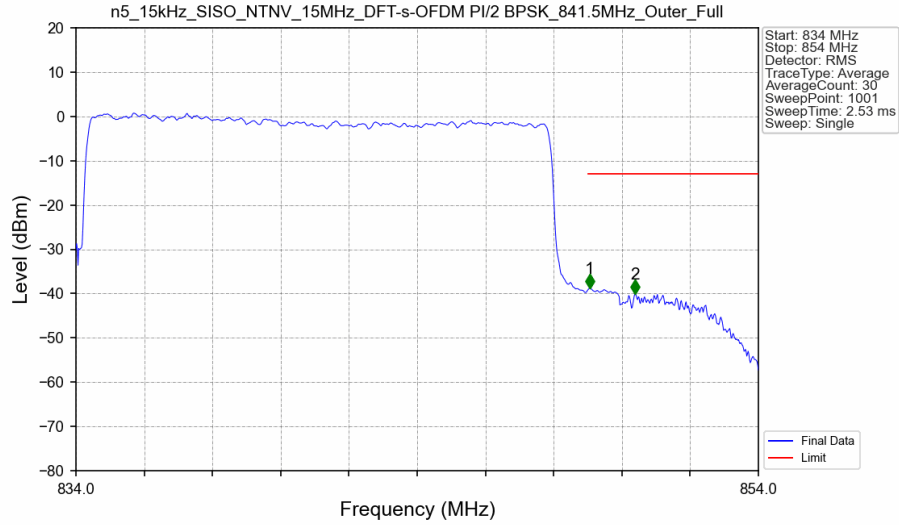
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_841.5MHz_Edge_1RB_Right_Ant0



n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_841.5MHz_Edge_1RB_Right_Ant0

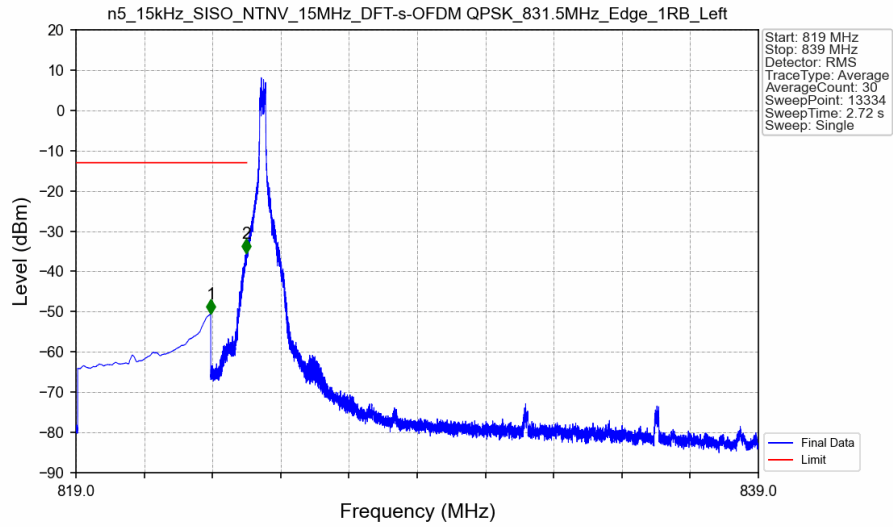






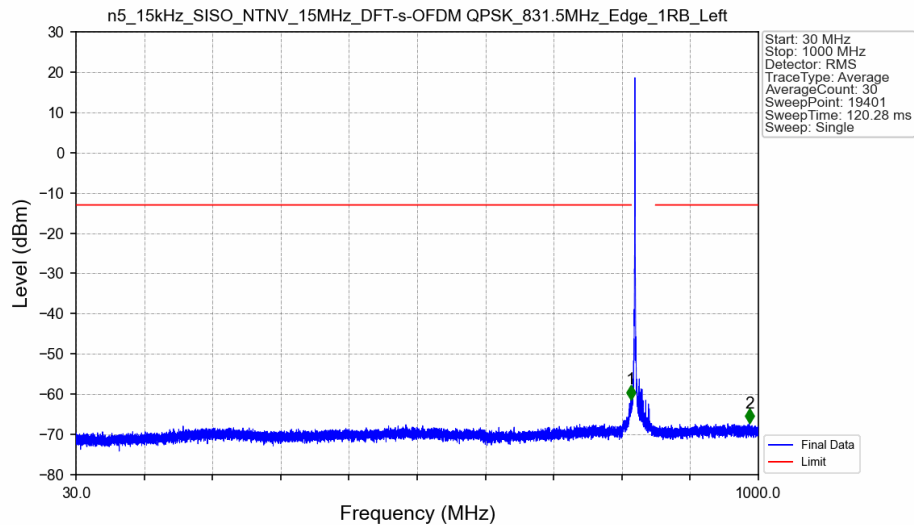
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.14283	CHP	/	/	/	/	/
849	850	0.14283	CHP	1	849.060	-38.73	-13	Pass
850	854	0.1	/	2	850.380	-40.04	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_831.5MHz_Edge_1RB_Left_Ant0

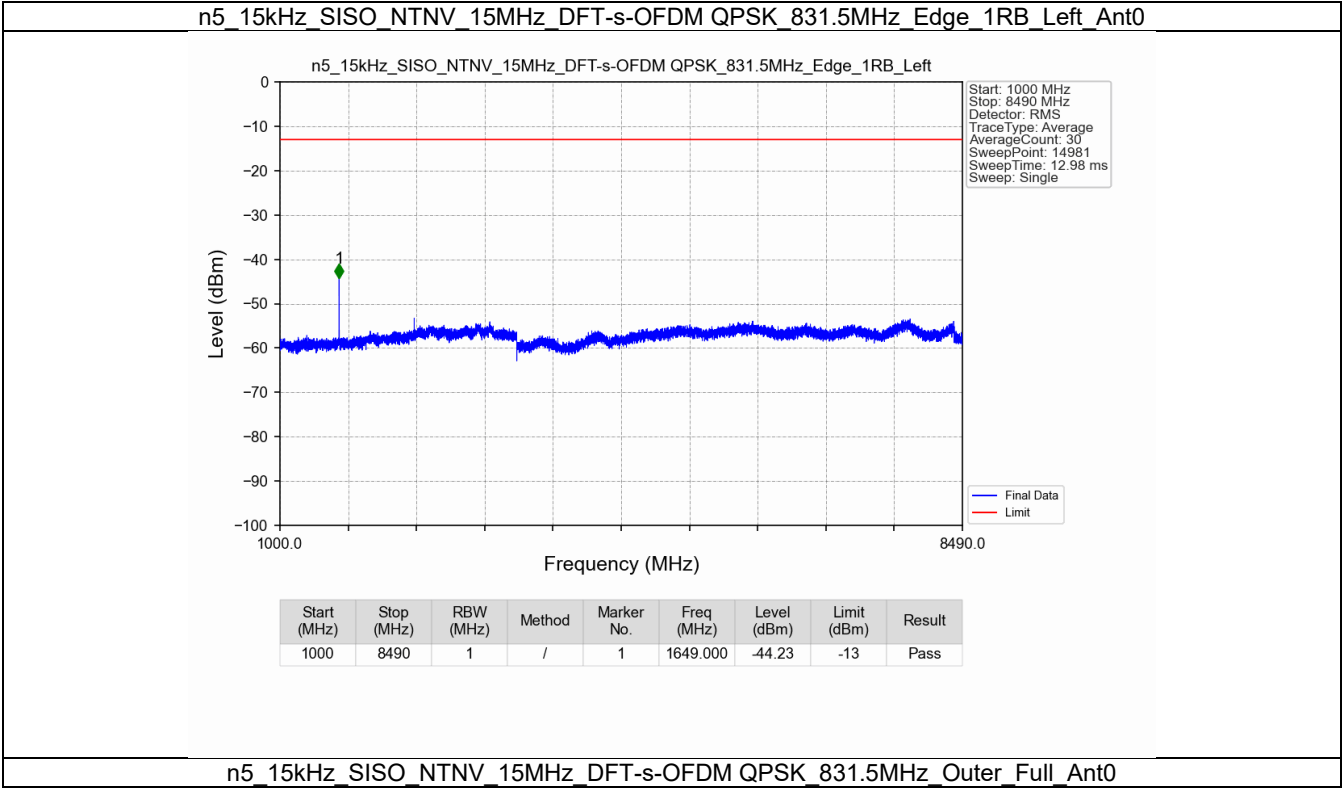


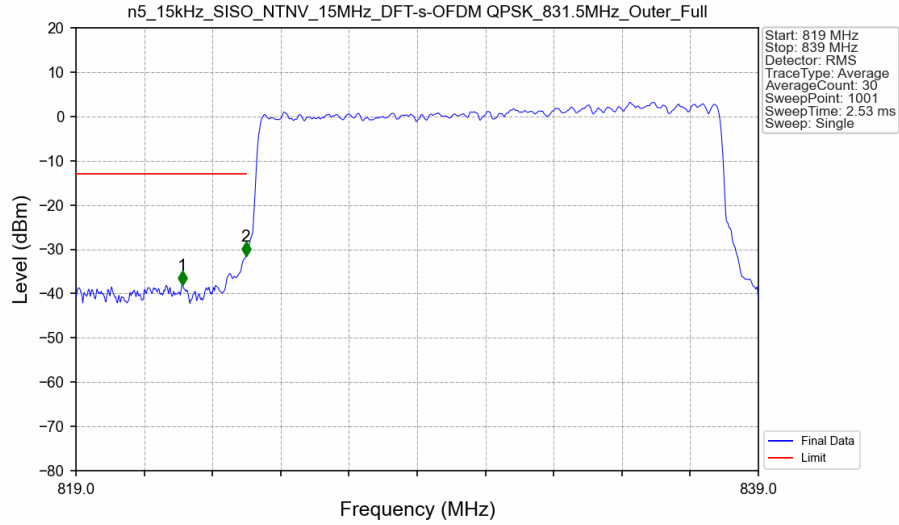
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.950	-50.49	-13	Pass
823	824	0.003	/	2	824.000	-35.47	-13	Pass
824	839	0.003	/	/	/	/	/	/

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_831.5MHz_Edge_1RB_Left_Ant0



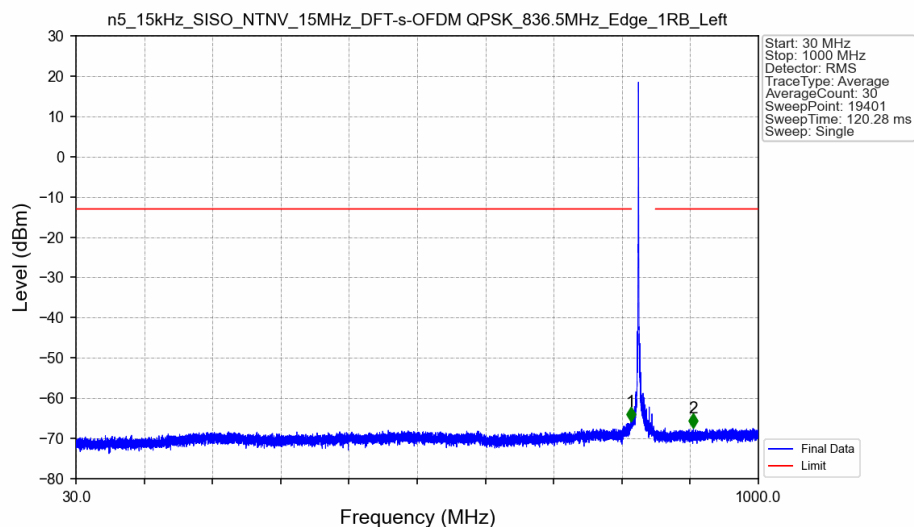
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.750	-61.21	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	987.050	-67.15	-13	Pass



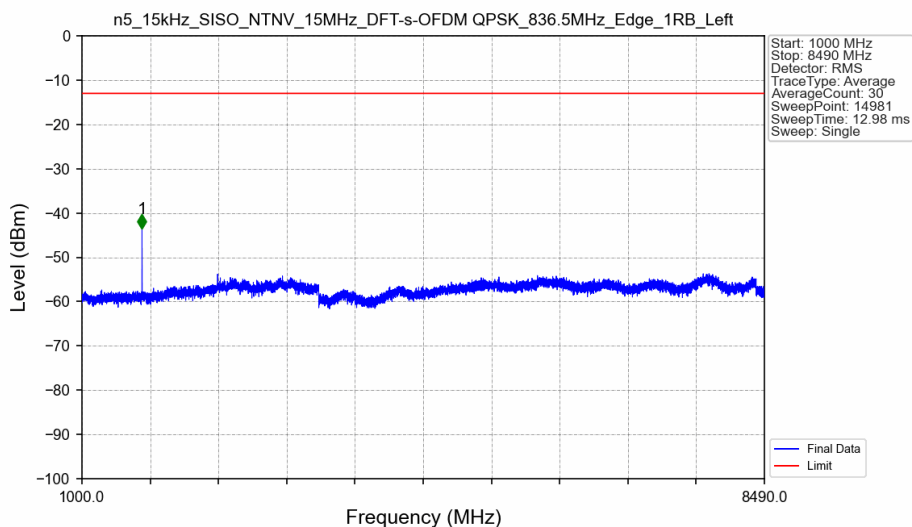


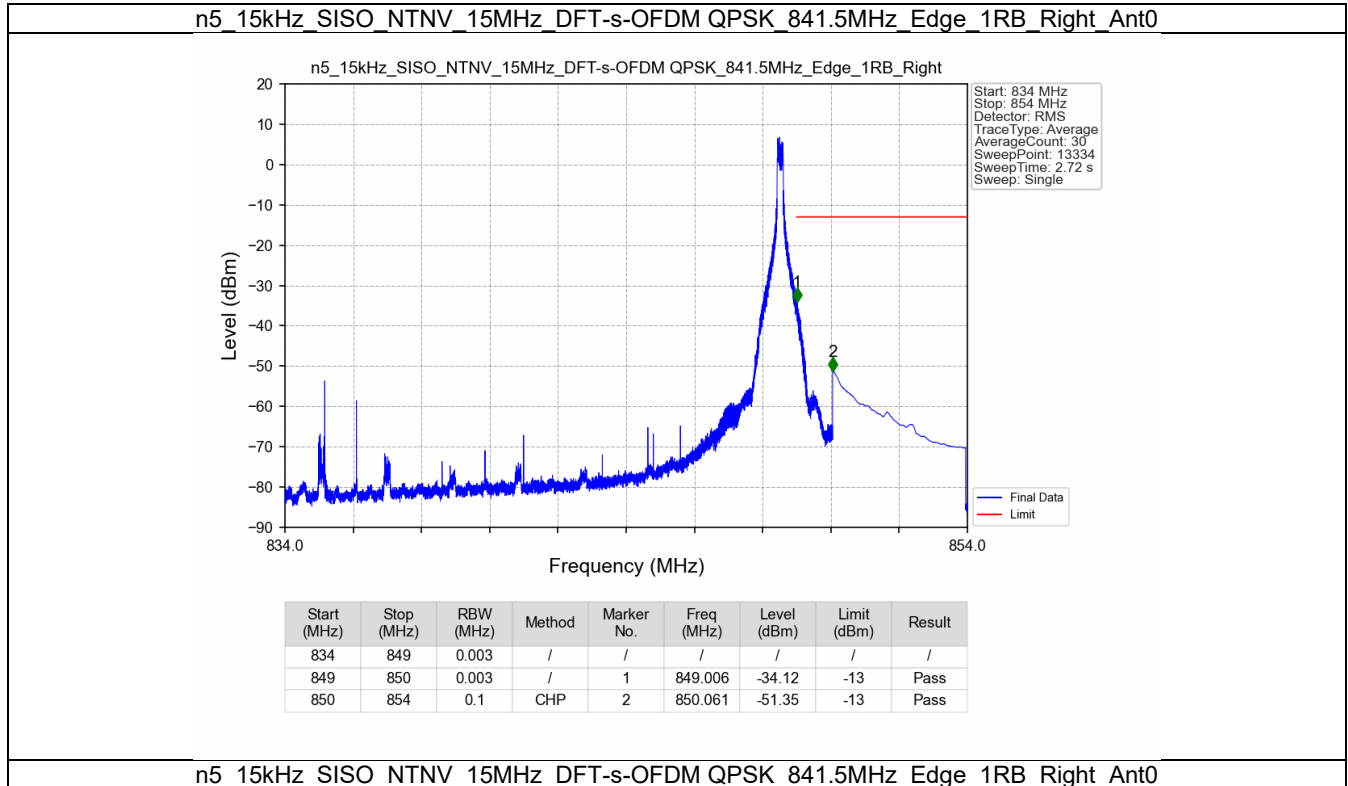
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	/	1	822.120	-38.09	-13	Pass
823	824	0.14283	CHP	2	823.980	-31.46	-13	Pass
824	839	0.14283	CHP	/	/	/	/	/

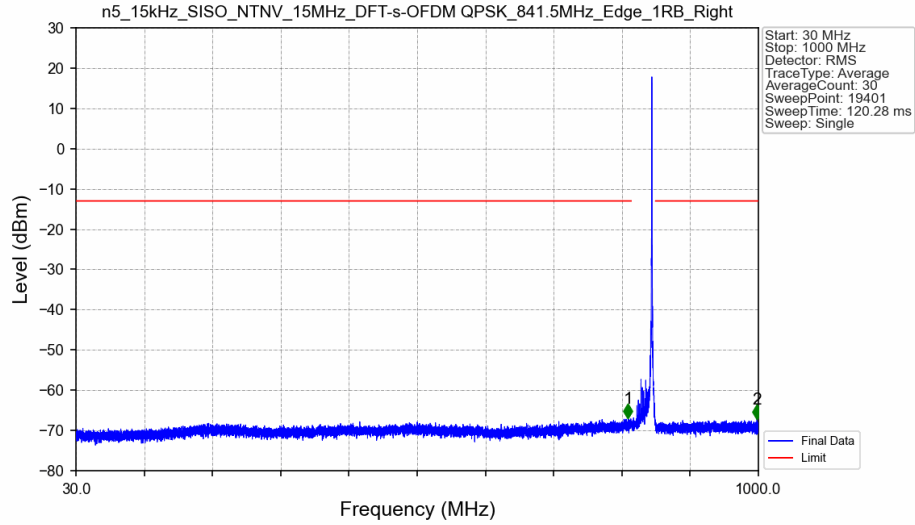
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant0



n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant0

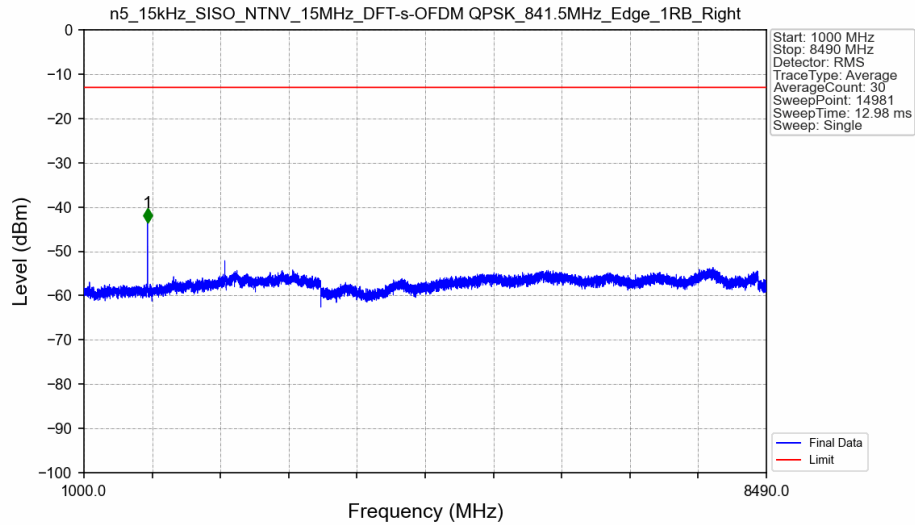






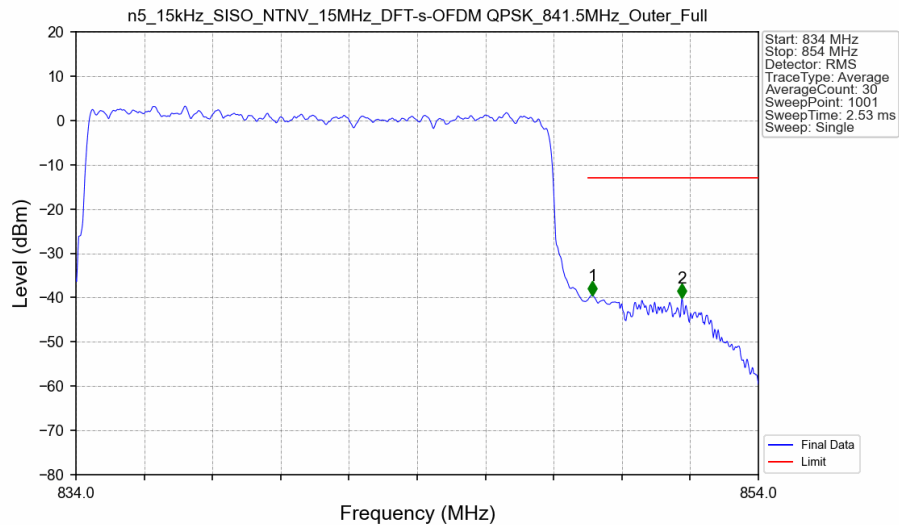
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	814.800	-66.95	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	997.950	-67.15	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK 841.5MHz_Edge_1RB_Right_Ant0



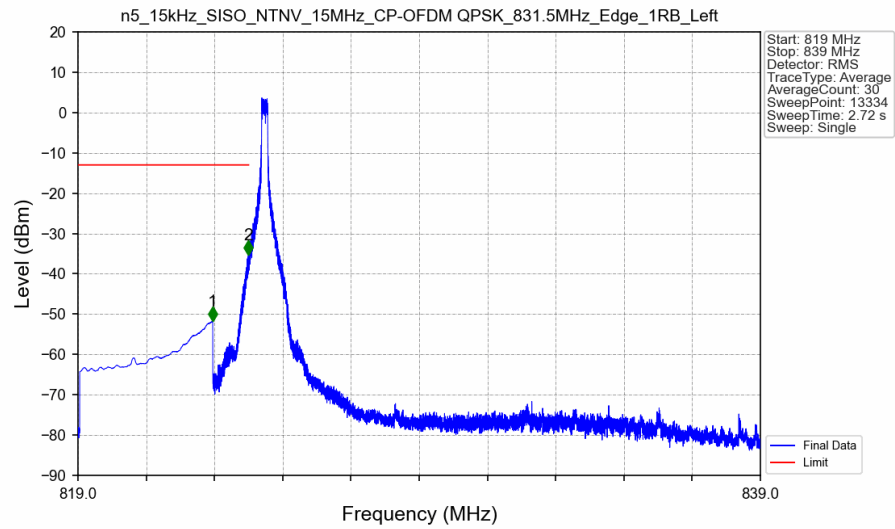
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1697.500	-43.49	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK 841.5MHz_Outer_Full_Ant0



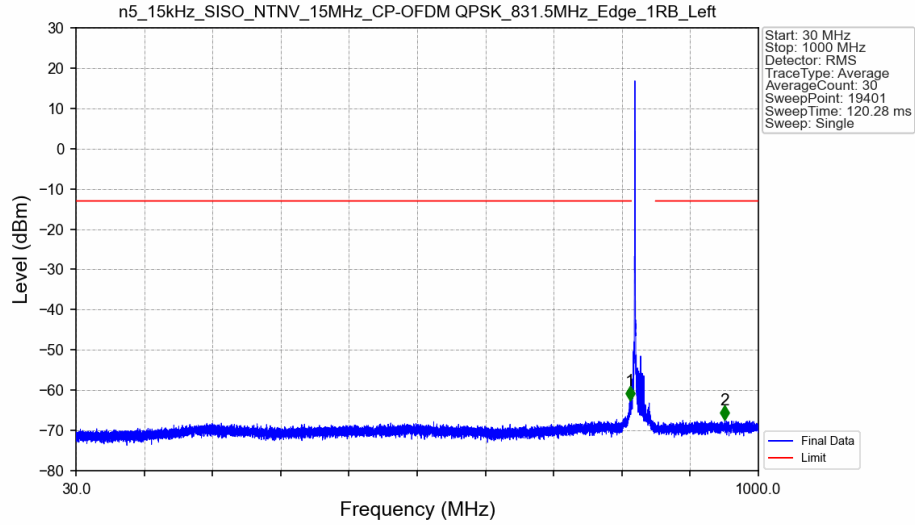
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.14283	CHP	/	/	/	/	/
849	850	0.14283	CHP	1	849.140	-39.45	-13	Pass
850	854	0.1	/	2	851.760	-40.05	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_831.5MHz_Edge_1RB_Left_Ant0



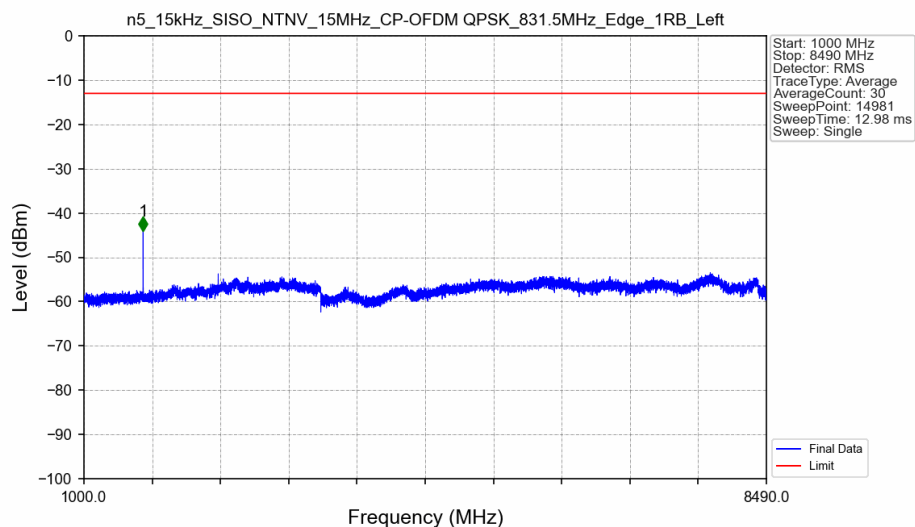
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.948	-51.74	-13	Pass
823	824	0.003	/	2	823.994	-35.30	-13	Pass
824	839	0.003	/	/	/	/	/	/

n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_831.5MHz_Edge_1RB_Left_Ant0



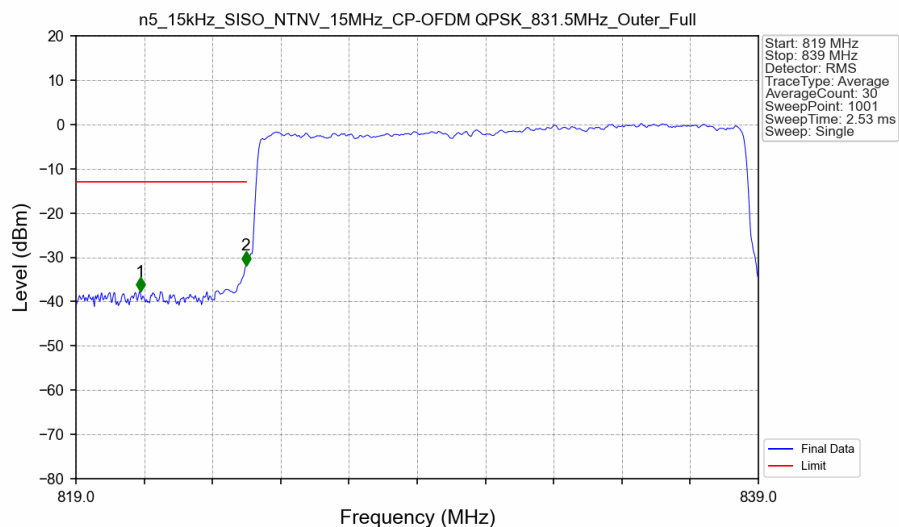
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	817.750	-62.53	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	952.250	-67.37	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_831.5MHz_Edge_1RB_Left_Ant0



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1649.000	-44.04	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_831.5MHz_Outer_Full_Ant0



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	/	1	820.880	-37.62	-13	Pass
823	824	0.14283	CHP	2	823.980	-31.77	-13	Pass
824	839	0.14283	CHP	/	/	/	/	/

