

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	23.09	/	/	23.94	/	/	<=38.45	Pass
		Edge 1RB Right	23.12	/	/	23.97	/	/	<=38.45	Pass
		Outer Full	23.18	/	/	24.03	/	/	<=38.45	Pass
		Inner Full	22.95	/	/	23.80	/	/	<=38.45	Pass
		Inner 1RB Left	23.11	/	/	23.96	/	/	<=38.45	Pass
		Inner 1RB Right	23.03	/	/	23.88	/	/	<=38.45	Pass
	836.5	Edge 1RB Left	23.13	/	/	23.98	/	/	<=38.45	Pass
		Edge 1RB Right	23.16	/	/	24.01	/	/	<=38.45	Pass
		Outer Full	23.25	/	/	24.10	/	/	<=38.45	Pass
		Inner Full	23.12	/	/	23.97	/	/	<=38.45	Pass
		Inner 1RB Left	23.12	/	/	23.97	/	/	<=38.45	Pass
		Inner 1RB Right	23.17	/	/	24.02	/	/	<=38.45	Pass
	846.5	Edge 1RB Left	23.30	/	/	24.15	/	/	<=38.45	Pass
		Edge 1RB Right	23.30	/	/	24.15	/	/	<=38.45	Pass
		Outer Full	23.33	/	/	24.18	/	/	<=38.45	Pass
		Inner Full	23.15	/	/	24.00	/	/	<=38.45	Pass
		Inner 1RB Left	23.20	/	/	24.05	/	/	<=38.45	Pass
		Inner 1RB Right	23.23	/	/	24.08	/	/	<=38.45	Pass
DFT-s-OFDM QPSK	826.5	Edge 1RB Left	23.15	/	/	24.00	/	/	<=38.45	Pass
		Edge 1RB Right	23.14	/	/	23.99	/	/	<=38.45	Pass
		Outer Full	23.13	/	/	23.98	/	/	<=38.45	Pass
		Inner Full	22.93	/	/	23.78	/	/	<=38.45	Pass
		Inner 1RB Left	23.14	/	/	23.99	/	/	<=38.45	Pass
		Inner 1RB Right	23.03	/	/	23.88	/	/	<=38.45	Pass
	836.5	Edge 1RB Left	23.11	/	/	23.96	/	/	<=38.45	Pass
		Edge 1RB Right	23.27	/	/	24.12	/	/	<=38.45	Pass
		Outer Full	23.16	/	/	24.01	/	/	<=38.45	Pass
		Inner Full	23.05	/	/	23.90	/	/	<=38.45	Pass
		Inner 1RB Left	23.07	/	/	23.92	/	/	<=38.45	Pass
		Inner 1RB Right	23.32	/	/	24.17	/	/	<=38.45	Pass
	846.5	Edge 1RB Left	23.25	/	/	24.10	/	/	<=38.45	Pass
		Edge 1RB Right	23.32	/	/	24.17	/	/	<=38.45	Pass
		Outer Full	23.22	/	/	24.07	/	/	<=38.45	Pass
		Inner Full	23.21	/	/	24.06	/	/	<=38.45	Pass
		Inner 1RB Left	23.34	/	/	24.19	/	/	<=38.45	Pass
		Inner 1RB Right	23.35	/	/	24.20	/	/	<=38.45	Pass
DFT-s-OFDM 16 QAM	826.5	Edge 1RB Left	22.02	/	/	22.87	/	/	<=38.45	Pass
		Edge 1RB Right	22.03	/	/	22.88	/	/	<=38.45	Pass
		Outer Full	22.11	/	/	22.96	/	/	<=38.45	Pass
		Inner Full	23.07	/	/	23.92	/	/	<=38.45	Pass
		Inner 1RB Left	22.93	/	/	23.78	/	/	<=38.45	Pass
		Inner 1RB Right	22.93	/	/	23.78	/	/	<=38.45	Pass
	836.5	Edge 1RB Left	21.89	/	/	22.74	/	/	<=38.45	Pass
		Edge 1RB Right	22.01	/	/	22.86	/	/	<=38.45	Pass
		Outer Full	22.17	/	/	23.02	/	/	<=38.45	Pass
		Inner Full	23.28	/	/	24.13	/	/	<=38.45	Pass

	846.5	Inner_1RB_Left	22.83	/	/	23.68	/	/	<=38.45	Pass
		Inner_1RB_Right	22.93	/	/	23.78	/	/	<=38.45	Pass
		Edge_1RB_Left	22.17	/	/	23.02	/	/	<=38.45	Pass
		Edge_1RB_Right	22.06	/	/	22.91	/	/	<=38.45	Pass
		Outer_Full	22.35	/	/	23.20	/	/	<=38.45	Pass
		Inner_Full	23.40	/	/	24.25	/	/	<=38.45	Pass
		Inner_1RB_Left	23.12	/	/	23.97	/	/	<=38.45	Pass
		Inner_1RB_Right	22.99	/	/	23.84	/	/	<=38.45	Pass
DFT-s-OFDM 64 QAM	826.5	Edge_1RB_Left	21.80	/	/	22.65	/	/	<=38.45	Pass
		Edge_1RB_Right	21.87	/	/	22.72	/	/	<=38.45	Pass
		Outer_Full	21.64	/	/	22.49	/	/	<=38.45	Pass
		Inner_Full	21.59	/	/	22.44	/	/	<=38.45	Pass
		Inner_1RB_Left	21.90	/	/	22.75	/	/	<=38.45	Pass
		Inner_1RB_Right	21.75	/	/	22.60	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.90	/	/	22.75	/	/	<=38.45	Pass
		Edge_1RB_Right	22.01	/	/	22.86	/	/	<=38.45	Pass
		Outer_Full	21.73	/	/	22.58	/	/	<=38.45	Pass
		Inner_Full	21.67	/	/	22.52	/	/	<=38.45	Pass
		Inner_1RB_Left	21.92	/	/	22.77	/	/	<=38.45	Pass
		Inner_1RB_Right	22.05	/	/	22.90	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	22.07	/	/	22.92	/	/	<=38.45	Pass
		Edge_1RB_Right	22.04	/	/	22.89	/	/	<=38.45	Pass
		Outer_Full	21.87	/	/	22.72	/	/	<=38.45	Pass
		Inner_Full	21.80	/	/	22.65	/	/	<=38.45	Pass
		Inner_1RB_Left	22.01	/	/	22.86	/	/	<=38.45	Pass
		Inner_1RB_Right	22.02	/	/	22.87	/	/	<=38.45	Pass
DFT-s-OFDM 256 QAM	826.5	Edge_1RB_Left	19.09	/	/	19.94	/	/	<=38.45	Pass
		Edge_1RB_Right	19.08	/	/	19.93	/	/	<=38.45	Pass
		Outer_Full	19.56	/	/	20.41	/	/	<=38.45	Pass
		Inner_Full	19.48	/	/	20.33	/	/	<=38.45	Pass
		Inner_1RB_Left	19.15	/	/	20.00	/	/	<=38.45	Pass
		Inner_1RB_Right	18.98	/	/	19.83	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	19.21	/	/	20.06	/	/	<=38.45	Pass
		Edge_1RB_Right	19.24	/	/	20.09	/	/	<=38.45	Pass
		Outer_Full	19.79	/	/	20.64	/	/	<=38.45	Pass
		Inner_Full	19.82	/	/	20.67	/	/	<=38.45	Pass
		Inner_1RB_Left	19.18	/	/	20.03	/	/	<=38.45	Pass
		Inner_1RB_Right	19.24	/	/	20.09	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	19.24	/	/	20.09	/	/	<=38.45	Pass
		Edge_1RB_Right	19.30	/	/	20.15	/	/	<=38.45	Pass
		Outer_Full	19.77	/	/	20.62	/	/	<=38.45	Pass
		Inner_Full	19.78	/	/	20.63	/	/	<=38.45	Pass
		Inner_1RB_Left	19.21	/	/	20.06	/	/	<=38.45	Pass
		Inner_1RB_Right	19.21	/	/	20.06	/	/	<=38.45	Pass
CP-OFDM QPSK	826.5	Edge_1RB_Left	21.08	/	/	21.93	/	/	<=38.45	Pass
		Edge_1RB_Right	21.05	/	/	21.90	/	/	<=38.45	Pass
		Outer_Full	21.10	/	/	21.95	/	/	<=38.45	Pass
		Inner_Full	22.65	/	/	23.50	/	/	<=38.45	Pass
		Inner_1RB_Left	22.43	/	/	23.28	/	/	<=38.45	Pass
		Inner_1RB_Right	22.46	/	/	23.31	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.20	/	/	22.05	/	/	<=38.45	Pass
		Edge_1RB_Right	21.20	/	/	22.05	/	/	<=38.45	Pass
		Outer_Full	21.23	/	/	22.08	/	/	<=38.45	Pass
		Inner_Full	22.78	/	/	23.63	/	/	<=38.45	Pass
		Inner_1RB_Left	22.70	/	/	23.55	/	/	<=38.45	Pass
		Inner_1RB_Right	22.75	/	/	23.60	/	/	<=38.45	Pass

	846.5	Edge_1RB_Left	21.30	/	/	22.15	/	/	<=38.45	Pass
		Edge_1RB_Right	21.31	/	/	22.16	/	/	<=38.45	Pass
		Outer_Full	21.28	/	/	22.13	/	/	<=38.45	Pass
		Inner_Full	22.82	/	/	23.67	/	/	<=38.45	Pass
		Inner_1RB_Left	22.76	/	/	23.61	/	/	<=38.45	Pass
		Inner_1RB_Right	22.99	/	/	23.84	/	/	<=38.45	Pass
CP-OFDM 16 QAM	826.5	Edge_1RB_Left	21.30	/	/	22.15	/	/	<=38.45	Pass
		Edge_1RB_Right	21.20	/	/	22.05	/	/	<=38.45	Pass
		Outer_Full	21.14	/	/	21.99	/	/	<=38.45	Pass
		Inner_Full	21.98	/	/	22.83	/	/	<=38.45	Pass
		Inner_1RB_Left	22.30	/	/	23.15	/	/	<=38.45	Pass
		Inner_1RB_Right	22.32	/	/	23.17	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.54	/	/	22.39	/	/	<=38.45	Pass
		Edge_1RB_Right	21.44	/	/	22.29	/	/	<=38.45	Pass
		Outer_Full	21.25	/	/	22.10	/	/	<=38.45	Pass
		Inner_Full	22.19	/	/	23.04	/	/	<=38.45	Pass
		Inner_1RB_Left	22.40	/	/	23.25	/	/	<=38.45	Pass
		Inner_1RB_Right	22.49	/	/	23.34	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	21.43	/	/	22.28	/	/	<=38.45	Pass
		Edge_1RB_Right	21.60	/	/	22.45	/	/	<=38.45	Pass
		Outer_Full	21.35	/	/	22.20	/	/	<=38.45	Pass
		Inner_Full	22.23	/	/	23.08	/	/	<=38.45	Pass
		Inner_1RB_Left	22.50	/	/	23.35	/	/	<=38.45	Pass
		Inner_1RB_Right	22.72	/	/	23.57	/	/	<=38.45	Pass
CP-OFDM 64 QAM	826.5	Edge_1RB_Left	20.81	/	/	21.66	/	/	<=38.45	Pass
		Edge_1RB_Right	20.70	/	/	21.55	/	/	<=38.45	Pass
		Outer_Full	20.59	/	/	21.44	/	/	<=38.45	Pass
		Inner_Full	20.59	/	/	21.44	/	/	<=38.45	Pass
		Inner_1RB_Left	20.77	/	/	21.62	/	/	<=38.45	Pass
		Inner_1RB_Right	20.68	/	/	21.53	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.08	/	/	21.93	/	/	<=38.45	Pass
		Edge_1RB_Right	21.01	/	/	21.86	/	/	<=38.45	Pass
		Outer_Full	20.71	/	/	21.56	/	/	<=38.45	Pass
		Inner_Full	20.74	/	/	21.59	/	/	<=38.45	Pass
		Inner_1RB_Left	20.92	/	/	21.77	/	/	<=38.45	Pass
		Inner_1RB_Right	21.02	/	/	21.87	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	20.98	/	/	21.83	/	/	<=38.45	Pass
		Edge_1RB_Right	21.20	/	/	22.05	/	/	<=38.45	Pass
		Outer_Full	20.80	/	/	21.65	/	/	<=38.45	Pass
		Inner_Full	20.86	/	/	21.71	/	/	<=38.45	Pass
		Inner_1RB_Left	21.00	/	/	21.85	/	/	<=38.45	Pass
		Inner_1RB_Right	21.11	/	/	21.96	/	/	<=38.45	Pass
CP-OFDM 256 QAM	826.5	Edge_1RB_Left	17.22	/	/	18.07	/	/	<=38.45	Pass
		Edge_1RB_Right	17.22	/	/	18.07	/	/	<=38.45	Pass
		Outer_Full	17.61	/	/	18.46	/	/	<=38.45	Pass
		Inner_Full	17.63	/	/	18.48	/	/	<=38.45	Pass
		Inner_1RB_Left	17.19	/	/	18.04	/	/	<=38.45	Pass
		Inner_1RB_Right	17.29	/	/	18.14	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	17.27	/	/	18.12	/	/	<=38.45	Pass
		Edge_1RB_Right	17.30	/	/	18.15	/	/	<=38.45	Pass
		Outer_Full	17.77	/	/	18.62	/	/	<=38.45	Pass
		Inner_Full	17.79	/	/	18.64	/	/	<=38.45	Pass
		Inner_1RB_Left	17.17	/	/	18.02	/	/	<=38.45	Pass
		Inner_1RB_Right	17.32	/	/	18.17	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	17.35	/	/	18.20	/	/	<=38.45	Pass
		Edge_1RB_Right	17.45	/	/	18.30	/	/	<=38.45	Pass

		Outer_Full	17.85	/	/	18.70	/	/	<=38.45	Pass
		Inner_Full	17.89	/	/	18.74	/	/	<=38.45	Pass
		Inner_1RB_Left	17.41	/	/	18.26	/	/	<=38.45	Pass
		Inner_1RB_Right	17.45	/	/	18.30	/	/	<=38.45	Pass
Note1: Antenna Gain: Ant0: 3.00dBi; 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	23.06	/	/	23.91	/	/	<=38.45	Pass
		Edge_1RB_Right	23.00	/	/	23.85	/	/	<=38.45	Pass
		Outer_Full	23.09	/	/	23.94	/	/	<=38.45	Pass
		Inner_Full	23.03	/	/	23.88	/	/	<=38.45	Pass
		Inner_1RB_Left	23.05	/	/	23.90	/	/	<=38.45	Pass
		Inner_1RB_Right	23.07	/	/	23.92	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	23.00	/	/	23.85	/	/	<=38.45	Pass
		Edge_1RB_Right	23.26	/	/	24.11	/	/	<=38.45	Pass
		Outer_Full	23.21	/	/	24.06	/	/	<=38.45	Pass
		Inner_Full	23.21	/	/	24.06	/	/	<=38.45	Pass
		Inner_1RB_Left	23.01	/	/	23.86	/	/	<=38.45	Pass
		Inner_1RB_Right	23.25	/	/	24.10	/	/	<=38.45	Pass
	844	Edge_1RB_Left	23.05	/	/	23.90	/	/	<=38.45	Pass
		Edge_1RB_Right	23.19	/	/	24.04	/	/	<=38.45	Pass
		Outer_Full	23.17	/	/	24.02	/	/	<=38.45	Pass
		Inner_Full	23.24	/	/	24.09	/	/	<=38.45	Pass
		Inner_1RB_Left	23.10	/	/	23.95	/	/	<=38.45	Pass
		Inner_1RB_Right	23.20	/	/	24.05	/	/	<=38.45	Pass
DFT-s-OFDM QPSK	829	Edge_1RB_Left	22.99	/	/	23.84	/	/	<=38.45	Pass
		Edge_1RB_Right	23.01	/	/	23.86	/	/	<=38.45	Pass
		Outer_Full	23.12	/	/	23.97	/	/	<=38.45	Pass
		Inner_Full	23.12	/	/	23.97	/	/	<=38.45	Pass
		Inner_1RB_Left	23.05	/	/	23.90	/	/	<=38.45	Pass
		Inner_1RB_Right	23.03	/	/	23.88	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	23.00	/	/	23.85	/	/	<=38.45	Pass
		Edge_1RB_Right	23.02	/	/	23.87	/	/	<=38.45	Pass
		Outer_Full	23.18	/	/	24.03	/	/	<=38.45	Pass
		Inner_Full	23.18	/	/	24.03	/	/	<=38.45	Pass
		Inner_1RB_Left	22.99	/	/	23.84	/	/	<=38.45	Pass
		Inner_1RB_Right	23.25	/	/	24.10	/	/	<=38.45	Pass
	844	Edge_1RB_Left	23.01	/	/	23.86	/	/	<=38.45	Pass
		Edge_1RB_Right	23.13	/	/	23.98	/	/	<=38.45	Pass
		Outer_Full	23.17	/	/	24.02	/	/	<=38.45	Pass
		Inner_Full	23.15	/	/	24.00	/	/	<=38.45	Pass
		Inner_1RB_Left	23.09	/	/	23.94	/	/	<=38.45	Pass
		Inner_1RB_Right	23.19	/	/	24.04	/	/	<=38.45	Pass
DFT-s-OFDM 16 QAM	829	Edge_1RB_Left	22.15	/	/	23.00	/	/	<=38.45	Pass
		Edge_1RB_Right	21.87	/	/	22.72	/	/	<=38.45	Pass
		Outer_Full	22.15	/	/	23.00	/	/	<=38.45	Pass
		Inner_Full	23.08	/	/	23.93	/	/	<=38.45	Pass
		Inner_1RB_Left	22.94	/	/	23.79	/	/	<=38.45	Pass
		Inner_1RB_Right	22.77	/	/	23.62	/	/	<=38.45	Pass

	836.5	Edge_1RB_Left	21.87	/	/	22.72	/	/	<=38.45	Pass
		Edge_1RB_Right	21.90	/	/	22.75	/	/	<=38.45	Pass
		Outer_Full	22.27	/	/	23.12	/	/	<=38.45	Pass
		Inner_Full	23.21	/	/	24.06	/	/	<=38.45	Pass
		Inner_1RB_Left	22.76	/	/	23.61	/	/	<=38.45	Pass
		Inner_1RB_Right	23.04	/	/	23.89	/	/	<=38.45	Pass
	844	Edge_1RB_Left	21.97	/	/	22.82	/	/	<=38.45	Pass
		Edge_1RB_Right	21.97	/	/	22.82	/	/	<=38.45	Pass
		Outer_Full	22.21	/	/	23.06	/	/	<=38.45	Pass
		Inner_Full	23.22	/	/	24.07	/	/	<=38.45	Pass
		Inner_1RB_Left	22.84	/	/	23.69	/	/	<=38.45	Pass
DFT-s-OFDM 64 QAM	829	Inner_1RB_Right	22.79	/	/	23.64	/	/	<=38.45	Pass
		Edge_1RB_Left	21.77	/	/	22.62	/	/	<=38.45	Pass
		Edge_1RB_Right	21.72	/	/	22.57	/	/	<=38.45	Pass
		Outer_Full	21.62	/	/	22.47	/	/	<=38.45	Pass
		Inner_Full	21.62	/	/	22.47	/	/	<=38.45	Pass
		Inner_1RB_Left	21.76	/	/	22.61	/	/	<=38.45	Pass
	836.5	Inner_1RB_Right	21.75	/	/	22.60	/	/	<=38.45	Pass
		Edge_1RB_Left	21.77	/	/	22.62	/	/	<=38.45	Pass
		Edge_1RB_Right	21.73	/	/	22.58	/	/	<=38.45	Pass
		Outer_Full	21.83	/	/	22.68	/	/	<=38.45	Pass
		Inner_Full	21.75	/	/	22.60	/	/	<=38.45	Pass
		Inner_1RB_Left	21.78	/	/	22.63	/	/	<=38.45	Pass
	844	Inner_1RB_Right	22.30	/	/	23.15	/	/	<=38.45	Pass
		Edge_1RB_Left	21.82	/	/	22.67	/	/	<=38.45	Pass
		Edge_1RB_Right	21.90	/	/	22.75	/	/	<=38.45	Pass
		Outer_Full	21.81	/	/	22.66	/	/	<=38.45	Pass
		Inner_Full	21.70	/	/	22.55	/	/	<=38.45	Pass
		Inner_1RB_Left	21.81	/	/	22.66	/	/	<=38.45	Pass
DFT-s-OFDM 256 QAM	829	Inner_1RB_Right	21.96	/	/	22.81	/	/	<=38.45	Pass
		Edge_1RB_Left	19.00	/	/	19.85	/	/	<=38.45	Pass
		Edge_1RB_Right	19.12	/	/	19.97	/	/	<=38.45	Pass
		Outer_Full	19.57	/	/	20.42	/	/	<=38.45	Pass
		Inner_Full	19.53	/	/	20.38	/	/	<=38.45	Pass
		Inner_1RB_Left	19.04	/	/	19.89	/	/	<=38.45	Pass
	836.5	Inner_1RB_Right	19.05	/	/	19.90	/	/	<=38.45	Pass
		Edge_1RB_Left	19.00	/	/	19.85	/	/	<=38.45	Pass
		Edge_1RB_Right	19.20	/	/	20.05	/	/	<=38.45	Pass
		Outer_Full	19.78	/	/	20.63	/	/	<=38.45	Pass
		Inner_Full	19.69	/	/	20.54	/	/	<=38.45	Pass
		Inner_1RB_Left	19.08	/	/	19.93	/	/	<=38.45	Pass
	844	Inner_1RB_Right	19.27	/	/	20.12	/	/	<=38.45	Pass
		Edge_1RB_Left	19.06	/	/	19.91	/	/	<=38.45	Pass
		Edge_1RB_Right	19.27	/	/	20.12	/	/	<=38.45	Pass
		Outer_Full	19.65	/	/	20.50	/	/	<=38.45	Pass
		Inner_Full	19.65	/	/	20.50	/	/	<=38.45	Pass
		Inner_1RB_Left	19.08	/	/	19.93	/	/	<=38.45	Pass
CP-OFDM QPSK	829	Inner_1RB_Right	19.19	/	/	20.04	/	/	<=38.45	Pass
		Edge_1RB_Left	20.82	/	/	21.67	/	/	<=38.45	Pass
		Edge_1RB_Right	21.13	/	/	21.98	/	/	<=38.45	Pass
		Outer_Full	21.12	/	/	21.97	/	/	<=38.45	Pass
		Inner_Full	22.50	/	/	23.35	/	/	<=38.45	Pass
		Inner_1RB_Left	22.41	/	/	23.26	/	/	<=38.45	Pass
	836.5	Inner_1RB_Right	22.53	/	/	23.38	/	/	<=38.45	Pass
		Edge_1RB_Left	21.27	/	/	22.12	/	/	<=38.45	Pass
		Edge_1RB_Right	21.20	/	/	22.05	/	/	<=38.45	Pass

		Outer_Full	21.25	/	/	22.10	/	/	<=38.45	Pass
		Inner_Full	22.68	/	/	23.53	/	/	<=38.45	Pass
		Inner_1RB_Left	22.45	/	/	23.30	/	/	<=38.45	Pass
		Inner_1RB_Right	22.69	/	/	23.54	/	/	<=38.45	Pass
	844	Edge_1RB_Left	20.96	/	/	21.81	/	/	<=38.45	Pass
		Edge_1RB_Right	20.86	/	/	21.71	/	/	<=38.45	Pass
		Outer_Full	21.19	/	/	22.04	/	/	<=38.45	Pass
		Inner_Full	22.65	/	/	23.50	/	/	<=38.45	Pass
		Inner_1RB_Left	22.42	/	/	23.27	/	/	<=38.45	Pass
		Inner_1RB_Right	22.60	/	/	23.45	/	/	<=38.45	Pass
		Edge_1RB_Left	21.27	/	/	22.12	/	/	<=38.45	Pass
		Edge_1RB_Right	20.87	/	/	21.72	/	/	<=38.45	Pass
CP-OFDM 16 QAM	829	Outer_Full	21.08	/	/	21.93	/	/	<=38.45	Pass
		Inner_Full	22.04	/	/	22.89	/	/	<=38.45	Pass
		Inner_1RB_Left	22.21	/	/	23.06	/	/	<=38.45	Pass
		Inner_1RB_Right	22.30	/	/	23.15	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.17	/	/	22.02	/	/	<=38.45	Pass
		Edge_1RB_Right	21.39	/	/	22.24	/	/	<=38.45	Pass
		Outer_Full	21.21	/	/	22.06	/	/	<=38.45	Pass
		Inner_Full	22.20	/	/	23.05	/	/	<=38.45	Pass
		Inner_1RB_Left	22.18	/	/	23.03	/	/	<=38.45	Pass
		Inner_1RB_Right	22.42	/	/	23.27	/	/	<=38.45	Pass
	844	Edge_1RB_Left	21.33	/	/	22.18	/	/	<=38.45	Pass
		Edge_1RB_Right	21.48	/	/	22.33	/	/	<=38.45	Pass
		Outer_Full	21.22	/	/	22.07	/	/	<=38.45	Pass
		Inner_Full	22.12	/	/	22.97	/	/	<=38.45	Pass
		Inner_1RB_Left	22.29	/	/	23.14	/	/	<=38.45	Pass
		Inner_1RB_Right	22.39	/	/	23.24	/	/	<=38.45	Pass
CP-OFDM 64 QAM	829	Edge_1RB_Left	20.68	/	/	21.53	/	/	<=38.45	Pass
		Edge_1RB_Right	20.67	/	/	21.52	/	/	<=38.45	Pass
		Outer_Full	20.53	/	/	21.38	/	/	<=38.45	Pass
		Inner_Full	20.61	/	/	21.46	/	/	<=38.45	Pass
		Inner_1RB_Left	20.65	/	/	21.50	/	/	<=38.45	Pass
		Inner_1RB_Right	20.68	/	/	21.53	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	20.80	/	/	21.65	/	/	<=38.45	Pass
		Edge_1RB_Right	21.07	/	/	21.92	/	/	<=38.45	Pass
		Outer_Full	20.69	/	/	21.54	/	/	<=38.45	Pass
		Inner_Full	20.75	/	/	21.60	/	/	<=38.45	Pass
		Inner_1RB_Left	20.60	/	/	21.45	/	/	<=38.45	Pass
		Inner_1RB_Right	21.24	/	/	22.09	/	/	<=38.45	Pass
	844	Edge_1RB_Left	20.79	/	/	21.64	/	/	<=38.45	Pass
		Edge_1RB_Right	21.03	/	/	21.88	/	/	<=38.45	Pass
		Outer_Full	20.66	/	/	21.51	/	/	<=38.45	Pass
		Inner_Full	20.64	/	/	21.49	/	/	<=38.45	Pass
		Inner_1RB_Left	20.74	/	/	21.59	/	/	<=38.45	Pass
		Inner_1RB_Right	20.95	/	/	21.80	/	/	<=38.45	Pass
CP-OFDM 256 QAM	829	Edge_1RB_Left	17.05	/	/	17.90	/	/	<=38.45	Pass
		Edge_1RB_Right	17.11	/	/	17.96	/	/	<=38.45	Pass
		Outer_Full	17.51	/	/	18.36	/	/	<=38.45	Pass
		Inner_Full	17.61	/	/	18.46	/	/	<=38.45	Pass
		Inner_1RB_Left	17.07	/	/	17.92	/	/	<=38.45	Pass
		Inner_1RB_Right	17.02	/	/	17.87	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	17.12	/	/	17.97	/	/	<=38.45	Pass
		Edge_1RB_Right	17.35	/	/	18.20	/	/	<=38.45	Pass
		Outer_Full	17.70	/	/	18.55	/	/	<=38.45	Pass
		Inner_Full	17.73	/	/	18.58	/	/	<=38.45	Pass

		Inner_1RB_Left	17.08	/	/	17.93	/	/	<=38.45	Pass
		Inner_1RB_Right	17.33	/	/	18.18	/	/	<=38.45	Pass
	844	Edge_1RB_Left	17.15	/	/	18.00	/	/	<=38.45	Pass
		Edge_1RB_Right	17.30	/	/	18.15	/	/	<=38.45	Pass
		Outer_Full	17.69	/	/	18.54	/	/	<=38.45	Pass
		Inner_Full	17.64	/	/	18.49	/	/	<=38.45	Pass
		Inner_1RB_Left	17.15	/	/	18.00	/	/	<=38.45	Pass
		Inner_1RB_Right	17.22	/	/	18.07	/	/	<=38.45	Pass
Note1: Antenna Gain: Ant0: 3.00dBi; 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	23.11	/	/	23.96	/	/	<=38.45	Pass
		Edge_1RB_Right	23.24	/	/	24.09	/	/	<=38.45	Pass
		Outer_Full	23.22	/	/	24.07	/	/	<=38.45	Pass
		Inner_Full	23.11	/	/	23.96	/	/	<=38.45	Pass
		Inner_1RB_Left	23.08	/	/	23.93	/	/	<=38.45	Pass
		Inner_1RB_Right	23.23	/	/	24.08	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	23.11	/	/	23.96	/	/	<=38.45	Pass
		Edge_1RB_Right	23.38	/	/	24.23	/	/	<=38.45	Pass
		Outer_Full	23.33	/	/	24.18	/	/	<=38.45	Pass
		Inner_Full	23.39	/	/	24.24	/	/	<=38.45	Pass
		Inner_1RB_Left	23.08	/	/	23.93	/	/	<=38.45	Pass
		Inner_1RB_Right	23.38	/	/	24.23	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	23.20	/	/	24.05	/	/	<=38.45	Pass
		Edge_1RB_Right	23.34	/	/	24.19	/	/	<=38.45	Pass
		Outer_Full	23.36	/	/	24.21	/	/	<=38.45	Pass
		Inner_Full	23.36	/	/	24.21	/	/	<=38.45	Pass
		Inner_1RB_Left	23.23	/	/	24.08	/	/	<=38.45	Pass
		Inner_1RB_Right	23.40	/	/	24.25	/	/	<=38.45	Pass
DFT-s-OFDM QPSK	831.5	Edge_1RB_Left	23.04	/	/	23.89	/	/	<=38.45	Pass
		Edge_1RB_Right	23.28	/	/	24.13	/	/	<=38.45	Pass
		Outer_Full	23.19	/	/	24.04	/	/	<=38.45	Pass
		Inner_Full	23.22	/	/	24.07	/	/	<=38.45	Pass
		Inner_1RB_Left	23.10	/	/	23.95	/	/	<=38.45	Pass
		Inner_1RB_Right	23.25	/	/	24.10	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	23.08	/	/	23.93	/	/	<=38.45	Pass
		Edge_1RB_Right	23.49	/	/	24.34	/	/	<=38.45	Pass
		Outer_Full	23.35	/	/	24.20	/	/	<=38.45	Pass
		Inner_Full	23.31	/	/	24.16	/	/	<=38.45	Pass
		Inner_1RB_Left	23.07	/	/	23.92	/	/	<=38.45	Pass
		Inner_1RB_Right	23.35	/	/	24.20	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	23.22	/	/	24.07	/	/	<=38.45	Pass
		Edge_1RB_Right	23.59	/	/	24.44	/	/	<=38.45	Pass
		Outer_Full	23.42	/	/	24.27	/	/	<=38.45	Pass
		Inner_Full	23.39	/	/	24.24	/	/	<=38.45	Pass
		Inner_1RB_Left	23.23	/	/	24.08	/	/	<=38.45	Pass
		Inner_1RB_Right	23.46	/	/	24.31	/	/	<=38.45	Pass
DFT-s-OFDM 16 QAM	831.5	Edge_1RB_Left	22.03	/	/	22.88	/	/	<=38.45	Pass
		Edge_1RB_Right	22.01	/	/	22.86	/	/	<=38.45	Pass

		Outer_Full	22.32	/	/	23.17	/	/	<=38.45	Pass
		Inner_Full	23.26	/	/	24.11	/	/	<=38.45	Pass
		Inner_1RB_Left	22.91	/	/	23.76	/	/	<=38.45	Pass
		Inner_1RB_Right	22.94	/	/	23.79	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	22.05	/	/	22.90	/	/	<=38.45	Pass
		Edge_1RB_Right	21.99	/	/	22.84	/	/	<=38.45	Pass
		Outer_Full	22.44	/	/	23.29	/	/	<=38.45	Pass
		Inner_Full	23.38	/	/	24.23	/	/	<=38.45	Pass
	841.5	Inner_1RB_Left	22.98	/	/	23.83	/	/	<=38.45	Pass
		Inner_1RB_Right	23.18	/	/	24.03	/	/	<=38.45	Pass
		Edge_1RB_Left	21.94	/	/	22.79	/	/	<=38.45	Pass
		Edge_1RB_Right	22.16	/	/	23.01	/	/	<=38.45	Pass
DFT-s-OFDM 64 QAM	831.5	Outer_Full	22.53	/	/	23.38	/	/	<=38.45	Pass
		Inner_Full	23.47	/	/	24.32	/	/	<=38.45	Pass
		Inner_1RB_Left	22.87	/	/	23.72	/	/	<=38.45	Pass
		Inner_1RB_Right	23.02	/	/	23.87	/	/	<=38.45	Pass
		Edge_1RB_Left	21.72	/	/	22.57	/	/	<=38.45	Pass
		Edge_1RB_Right	22.09	/	/	22.94	/	/	<=38.45	Pass
	836.5	Outer_Full	21.79	/	/	22.64	/	/	<=38.45	Pass
		Inner_Full	21.72	/	/	22.57	/	/	<=38.45	Pass
		Inner_1RB_Left	21.85	/	/	22.70	/	/	<=38.45	Pass
		Inner_1RB_Right	21.92	/	/	22.77	/	/	<=38.45	Pass
		Edge_1RB_Left	21.83	/	/	22.68	/	/	<=38.45	Pass
		Edge_1RB_Right	22.40	/	/	23.25	/	/	<=38.45	Pass
	841.5	Outer_Full	21.94	/	/	22.79	/	/	<=38.45	Pass
		Inner_Full	21.94	/	/	22.79	/	/	<=38.45	Pass
		Inner_1RB_Left	21.78	/	/	22.63	/	/	<=38.45	Pass
		Inner_1RB_Right	21.97	/	/	22.82	/	/	<=38.45	Pass
		Edge_1RB_Left	21.94	/	/	22.79	/	/	<=38.45	Pass
		Edge_1RB_Right	22.13	/	/	22.98	/	/	<=38.45	Pass
DFT-s-OFDM 256 QAM	831.5	Outer_Full	22.05	/	/	22.90	/	/	<=38.45	Pass
		Inner_Full	21.95	/	/	22.80	/	/	<=38.45	Pass
		Inner_1RB_Left	21.95	/	/	22.80	/	/	<=38.45	Pass
		Inner_1RB_Right	22.12	/	/	22.97	/	/	<=38.45	Pass
		Edge_1RB_Left	19.16	/	/	20.01	/	/	<=38.45	Pass
		Edge_1RB_Right	19.32	/	/	20.17	/	/	<=38.45	Pass
	836.5	Outer_Full	19.71	/	/	20.56	/	/	<=38.45	Pass
		Inner_Full	19.70	/	/	20.55	/	/	<=38.45	Pass
		Inner_1RB_Left	19.20	/	/	20.05	/	/	<=38.45	Pass
		Inner_1RB_Right	19.31	/	/	20.16	/	/	<=38.45	Pass
		Edge_1RB_Left	19.23	/	/	20.08	/	/	<=38.45	Pass
		Edge_1RB_Right	19.34	/	/	20.19	/	/	<=38.45	Pass
	841.5	Outer_Full	19.86	/	/	20.71	/	/	<=38.45	Pass
		Inner_Full	19.85	/	/	20.70	/	/	<=38.45	Pass
		Inner_1RB_Left	19.20	/	/	20.05	/	/	<=38.45	Pass
		Inner_1RB_Right	19.34	/	/	20.19	/	/	<=38.45	Pass
		Edge_1RB_Left	19.34	/	/	20.19	/	/	<=38.45	Pass
		Edge_1RB_Right	19.19	/	/	20.04	/	/	<=38.45	Pass
CP-OFDM QPSK	831.5	Outer_Full	19.93	/	/	20.78	/	/	<=38.45	Pass
		Inner_Full	19.89	/	/	20.74	/	/	<=38.45	Pass
		Inner_1RB_Left	19.26	/	/	20.11	/	/	<=38.45	Pass
		Inner_1RB_Right	19.49	/	/	20.34	/	/	<=38.45	Pass
	831.5	Edge_1RB_Left	21.37	/	/	22.22	/	/	<=38.45	Pass
		Edge_1RB_Right	21.14	/	/	21.99	/	/	<=38.45	Pass
		Outer_Full	21.19	/	/	22.04	/	/	<=38.45	Pass
		Inner_Full	22.61	/	/	23.46	/	/	<=38.45	Pass

		Inner_1RB_Left	22.64	/	/	23.49	/	/	<=38.45	Pass
		Inner_1RB_Right	22.92	/	/	23.77	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.13	/	/	21.98	/	/	<=38.45	Pass
		Edge_1RB_Right	21.70	/	/	22.55	/	/	<=38.45	Pass
		Outer_Full	21.33	/	/	22.18	/	/	<=38.45	Pass
		Inner_Full	22.77	/	/	23.62	/	/	<=38.45	Pass
		Inner_1RB_Left	22.69	/	/	23.54	/	/	<=38.45	Pass
		Inner_1RB_Right	22.90	/	/	23.75	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	21.48	/	/	22.33	/	/	<=38.45	Pass
		Edge_1RB_Right	21.49	/	/	22.34	/	/	<=38.45	Pass
		Outer_Full	21.39	/	/	22.24	/	/	<=38.45	Pass
		Inner_Full	22.76	/	/	23.61	/	/	<=38.45	Pass
		Inner_1RB_Left	22.76	/	/	23.61	/	/	<=38.45	Pass
		Inner_1RB_Right	22.92	/	/	23.77	/	/	<=38.45	Pass
CP-OFDM 16 QAM	831.5	Edge_1RB_Left	21.37	/	/	22.22	/	/	<=38.45	Pass
		Edge_1RB_Right	21.52	/	/	22.37	/	/	<=38.45	Pass
		Outer_Full	21.15	/	/	22.00	/	/	<=38.45	Pass
		Inner_Full	22.25	/	/	23.10	/	/	<=38.45	Pass
		Inner_1RB_Left	22.33	/	/	23.18	/	/	<=38.45	Pass
		Inner_1RB_Right	22.55	/	/	23.40	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.28	/	/	22.13	/	/	<=38.45	Pass
		Edge_1RB_Right	21.52	/	/	22.37	/	/	<=38.45	Pass
		Outer_Full	21.34	/	/	22.19	/	/	<=38.45	Pass
		Inner_Full	22.42	/	/	23.27	/	/	<=38.45	Pass
		Inner_1RB_Left	22.25	/	/	23.10	/	/	<=38.45	Pass
		Inner_1RB_Right	22.63	/	/	23.48	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	21.82	/	/	22.67	/	/	<=38.45	Pass
		Edge_1RB_Right	21.45	/	/	22.30	/	/	<=38.45	Pass
		Outer_Full	21.27	/	/	22.12	/	/	<=38.45	Pass
		Inner_Full	22.34	/	/	23.19	/	/	<=38.45	Pass
		Inner_1RB_Left	22.33	/	/	23.18	/	/	<=38.45	Pass
		Inner_1RB_Right	22.55	/	/	23.40	/	/	<=38.45	Pass
CP-OFDM 64 QAM	831.5	Edge_1RB_Left	20.79	/	/	21.64	/	/	<=38.45	Pass
		Edge_1RB_Right	21.05	/	/	21.90	/	/	<=38.45	Pass
		Outer_Full	20.60	/	/	21.45	/	/	<=38.45	Pass
		Inner_Full	20.66	/	/	21.51	/	/	<=38.45	Pass
		Inner_1RB_Left	20.86	/	/	21.71	/	/	<=38.45	Pass
		Inner_1RB_Right	21.09	/	/	21.94	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	20.80	/	/	21.65	/	/	<=38.45	Pass
		Edge_1RB_Right	21.14	/	/	21.99	/	/	<=38.45	Pass
		Outer_Full	20.87	/	/	21.72	/	/	<=38.45	Pass
		Inner_Full	20.79	/	/	21.64	/	/	<=38.45	Pass
		Inner_1RB_Left	20.80	/	/	21.65	/	/	<=38.45	Pass
		Inner_1RB_Right	20.83	/	/	21.68	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	20.99	/	/	21.84	/	/	<=38.45	Pass
		Edge_1RB_Right	21.08	/	/	21.93	/	/	<=38.45	Pass
		Outer_Full	20.82	/	/	21.67	/	/	<=38.45	Pass
		Inner_Full	20.78	/	/	21.63	/	/	<=38.45	Pass
		Inner_1RB_Left	20.97	/	/	21.82	/	/	<=38.45	Pass
		Inner_1RB_Right	21.08	/	/	21.93	/	/	<=38.45	Pass
CP-OFDM 256 QAM	831.5	Edge_1RB_Left	17.31	/	/	18.16	/	/	<=38.45	Pass
		Edge_1RB_Right	17.38	/	/	18.23	/	/	<=38.45	Pass
		Outer_Full	17.70	/	/	18.55	/	/	<=38.45	Pass
		Inner_Full	17.61	/	/	18.46	/	/	<=38.45	Pass
		Inner_1RB_Left	17.22	/	/	18.07	/	/	<=38.45	Pass
		Inner_1RB_Right	17.39	/	/	18.24	/	/	<=38.45	Pass

	836.5	Edge_1RB_Left	17.25	/	/	18.10	/	/	<=38.45	Pass
		Edge_1RB_Right	17.54	/	/	18.39	/	/	<=38.45	Pass
		Outer_Full	17.87	/	/	18.72	/	/	<=38.45	Pass
		Inner_Full	17.81	/	/	18.66	/	/	<=38.45	Pass
		Inner_1RB_Left	17.31	/	/	18.16	/	/	<=38.45	Pass
		Inner_1RB_Right	17.46	/	/	18.31	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	17.36	/	/	18.21	/	/	<=38.45	Pass
		Edge_1RB_Right	17.44	/	/	18.29	/	/	<=38.45	Pass
		Outer_Full	17.78	/	/	18.63	/	/	<=38.45	Pass
		Inner_Full	17.85	/	/	18.70	/	/	<=38.45	Pass
		Inner_1RB_Left	17.33	/	/	18.18	/	/	<=38.45	Pass
		Inner_1RB_Right	17.49	/	/	18.34	/	/	<=38.45	Pass
Note1: Antenna Gain: Ant0: 3.00dBi; 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 BPSK	834	Edge_1RB_Left	23.06	/	/	23.91	/	/	<=38.45	Pass
		Edge_1RB_Right	23.34	/	/	24.19	/	/	<=38.45	Pass
		Outer_Full	23.26	/	/	24.11	/	/	<=38.45	Pass
		Inner_Full	23.12	/	/	23.97	/	/	<=38.45	Pass
		Inner_1RB_Left	23.01	/	/	23.86	/	/	<=38.45	Pass
		Inner_1RB_Right	23.22	/	/	24.07	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	23.12	/	/	23.97	/	/	<=38.45	Pass
		Edge_1RB_Right	23.43	/	/	24.28	/	/	<=38.45	Pass
		Outer_Full	23.37	/	/	24.22	/	/	<=38.45	Pass
		Inner_Full	23.34	/	/	24.19	/	/	<=38.45	Pass
		Inner_1RB_Left	23.10	/	/	23.95	/	/	<=38.45	Pass
		Inner_1RB_Right	23.41	/	/	24.26	/	/	<=38.45	Pass
	839	Edge_1RB_Left	23.09	/	/	23.94	/	/	<=38.45	Pass
		Edge_1RB_Right	23.36	/	/	24.21	/	/	<=38.45	Pass
		Outer_Full	23.36	/	/	24.21	/	/	<=38.45	Pass
		Inner_Full	23.38	/	/	24.23	/	/	<=38.45	Pass
		Inner_1RB_Left	23.08	/	/	23.93	/	/	<=38.45	Pass
		Inner_1RB_Right	23.30	/	/	24.15	/	/	<=38.45	Pass
DFT-s-OFDM QPSK	834	Edge_1RB_Left	23.02	/	/	23.87	/	/	<=38.45	Pass
		Edge_1RB_Right	23.04	/	/	23.89	/	/	<=38.45	Pass
		Outer_Full	23.15	/	/	24.00	/	/	<=38.45	Pass
		Inner_Full	23.23	/	/	24.08	/	/	<=38.45	Pass
		Inner_1RB_Left	22.90	/	/	23.75	/	/	<=38.45	Pass
		Inner_1RB_Right	23.30	/	/	24.15	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	23.12	/	/	23.97	/	/	<=38.45	Pass
		Edge_1RB_Right	23.68	/	/	24.53	/	/	<=38.45	Pass
		Outer_Full	23.44	/	/	24.29	/	/	<=38.45	Pass
		Inner_Full	23.32	/	/	24.17	/	/	<=38.45	Pass
		Inner_1RB_Left	23.22	/	/	24.07	/	/	<=38.45	Pass
		Inner_1RB_Right	23.68	/	/	24.53	/	/	<=38.45	Pass
	839	Edge_1RB_Left	23.08	/	/	23.93	/	/	<=38.45	Pass
		Edge_1RB_Right	23.59	/	/	24.44	/	/	<=38.45	Pass
		Outer_Full	23.38	/	/	24.23	/	/	<=38.45	Pass
		Inner_Full	23.46	/	/	24.31	/	/	<=38.45	Pass

DFT-s-OFDM 16 QAM	834	Inner_1RB_Left	23.00	/	/	23.85	/	/	<=38.45	Pass
		Inner_1RB_Right	23.42	/	/	24.27	/	/	<=38.45	Pass
		Edge_1RB_Left	21.85	/	/	22.70	/	/	<=38.45	Pass
		Edge_1RB_Right	21.99	/	/	22.84	/	/	<=38.45	Pass
		Outer_Full	22.31	/	/	23.16	/	/	<=38.45	Pass
		Inner_Full	23.28	/	/	24.13	/	/	<=38.45	Pass
	836.5	Inner_1RB_Left	22.83	/	/	23.68	/	/	<=38.45	Pass
		Inner_1RB_Right	23.18	/	/	24.03	/	/	<=38.45	Pass
		Edge_1RB_Left	22.08	/	/	22.93	/	/	<=38.45	Pass
		Edge_1RB_Right	22.00	/	/	22.85	/	/	<=38.45	Pass
		Outer_Full	22.32	/	/	23.17	/	/	<=38.45	Pass
		Inner_Full	23.46	/	/	24.31	/	/	<=38.45	Pass
	839	Inner_1RB_Left	22.94	/	/	23.79	/	/	<=38.45	Pass
		Inner_1RB_Right	23.15	/	/	24.00	/	/	<=38.45	Pass
		Edge_1RB_Left	21.98	/	/	22.83	/	/	<=38.45	Pass
		Edge_1RB_Right	22.14	/	/	22.99	/	/	<=38.45	Pass
		Outer_Full	22.38	/	/	23.23	/	/	<=38.45	Pass
		Inner_Full	23.49	/	/	24.34	/	/	<=38.45	Pass
DFT-s-OFDM 64 QAM	834	Inner_1RB_Left	22.94	/	/	23.79	/	/	<=38.45	Pass
		Inner_1RB_Right	23.00	/	/	23.85	/	/	<=38.45	Pass
		Edge_1RB_Left	21.66	/	/	22.51	/	/	<=38.45	Pass
		Edge_1RB_Right	22.21	/	/	23.06	/	/	<=38.45	Pass
		Outer_Full	21.84	/	/	22.69	/	/	<=38.45	Pass
		Inner_Full	21.80	/	/	22.65	/	/	<=38.45	Pass
	836.5	Inner_1RB_Left	21.76	/	/	22.61	/	/	<=38.45	Pass
		Inner_1RB_Right	21.92	/	/	22.77	/	/	<=38.45	Pass
		Edge_1RB_Left	21.81	/	/	22.66	/	/	<=38.45	Pass
		Edge_1RB_Right	22.21	/	/	23.06	/	/	<=38.45	Pass
		Outer_Full	21.86	/	/	22.71	/	/	<=38.45	Pass
		Inner_Full	22.02	/	/	22.87	/	/	<=38.45	Pass
	839	Inner_1RB_Left	21.83	/	/	22.68	/	/	<=38.45	Pass
		Inner_1RB_Right	21.93	/	/	22.78	/	/	<=38.45	Pass
		Edge_1RB_Left	21.84	/	/	22.69	/	/	<=38.45	Pass
		Edge_1RB_Right	22.14	/	/	22.99	/	/	<=38.45	Pass
		Outer_Full	21.93	/	/	22.78	/	/	<=38.45	Pass
		Inner_Full	22.03	/	/	22.88	/	/	<=38.45	Pass
DFT-s-OFDM 256 QAM	834	Inner_1RB_Left	21.84	/	/	22.69	/	/	<=38.45	Pass
		Inner_1RB_Right	22.13	/	/	22.98	/	/	<=38.45	Pass
		Edge_1RB_Left	19.00	/	/	19.85	/	/	<=38.45	Pass
		Edge_1RB_Right	19.42	/	/	20.27	/	/	<=38.45	Pass
		Outer_Full	19.79	/	/	20.64	/	/	<=38.45	Pass
		Inner_Full	19.78	/	/	20.63	/	/	<=38.45	Pass
	836.5	Inner_1RB_Left	19.01	/	/	19.86	/	/	<=38.45	Pass
		Inner_1RB_Right	19.43	/	/	20.28	/	/	<=38.45	Pass
		Edge_1RB_Left	19.19	/	/	20.04	/	/	<=38.45	Pass
		Edge_1RB_Right	19.25	/	/	20.10	/	/	<=38.45	Pass
		Outer_Full	19.81	/	/	20.66	/	/	<=38.45	Pass
		Inner_Full	19.90	/	/	20.75	/	/	<=38.45	Pass
	839	Inner_1RB_Left	19.13	/	/	19.98	/	/	<=38.45	Pass
		Inner_1RB_Right	19.86	/	/	20.71	/	/	<=38.45	Pass
		Edge_1RB_Left	19.15	/	/	20.00	/	/	<=38.45	Pass
		Edge_1RB_Right	19.57	/	/	20.42	/	/	<=38.45	Pass
		Outer_Full	19.86	/	/	20.71	/	/	<=38.45	Pass
		Inner_Full	19.96	/	/	20.81	/	/	<=38.45	Pass
		Inner_1RB_Left	19.23	/	/	20.08	/	/	<=38.45	Pass
		Inner_1RB_Right	19.59	/	/	20.44	/	/	<=38.45	Pass

CP-OFDM QPSK	834	Edge_1RB_Left	21.01	/	/	21.86	/	/	<=38.45	Pass
		Edge_1RB_Right	21.04	/	/	21.89	/	/	<=38.45	Pass
		Outer_Full	21.26	/	/	22.11	/	/	<=38.45	Pass
		Inner_Full	22.64	/	/	23.49	/	/	<=38.45	Pass
		Inner_1RB_Left	22.58	/	/	23.43	/	/	<=38.45	Pass
	836.5	Inner_1RB_Right	22.87	/	/	23.72	/	/	<=38.45	Pass
		Edge_1RB_Left	21.14	/	/	21.99	/	/	<=38.45	Pass
		Edge_1RB_Right	21.22	/	/	22.07	/	/	<=38.45	Pass
		Outer_Full	21.38	/	/	22.23	/	/	<=38.45	Pass
		Inner_Full	22.84	/	/	23.69	/	/	<=38.45	Pass
	839	Inner_1RB_Left	22.59	/	/	23.44	/	/	<=38.45	Pass
		Inner_1RB_Right	22.92	/	/	23.77	/	/	<=38.45	Pass
		Edge_1RB_Left	21.11	/	/	21.96	/	/	<=38.45	Pass
		Edge_1RB_Right	21.53	/	/	22.38	/	/	<=38.45	Pass
		Outer_Full	21.43	/	/	22.28	/	/	<=38.45	Pass
CP-OFDM 16 QAM	834	Inner_Full	22.90	/	/	23.75	/	/	<=38.45	Pass
		Inner_1RB_Left	22.73	/	/	23.58	/	/	<=38.45	Pass
		Inner_1RB_Right	22.95	/	/	23.80	/	/	<=38.45	Pass
		Edge_1RB_Left	21.29	/	/	22.14	/	/	<=38.45	Pass
	836.5	Edge_1RB_Right	21.69	/	/	22.54	/	/	<=38.45	Pass
		Outer_Full	21.22	/	/	22.07	/	/	<=38.45	Pass
		Inner_Full	22.20	/	/	23.05	/	/	<=38.45	Pass
		Inner_1RB_Left	22.30	/	/	23.15	/	/	<=38.45	Pass
		Inner_1RB_Right	22.43	/	/	23.28	/	/	<=38.45	Pass
	839	Edge_1RB_Left	21.32	/	/	22.17	/	/	<=38.45	Pass
		Edge_1RB_Right	21.64	/	/	22.49	/	/	<=38.45	Pass
		Outer_Full	21.39	/	/	22.24	/	/	<=38.45	Pass
		Inner_Full	22.41	/	/	23.26	/	/	<=38.45	Pass
		Inner_1RB_Left	22.29	/	/	23.14	/	/	<=38.45	Pass
CP-OFDM 64 QAM	834	Inner_1RB_Right	22.50	/	/	23.35	/	/	<=38.45	Pass
		Edge_1RB_Left	21.20	/	/	22.05	/	/	<=38.45	Pass
		Edge_1RB_Right	21.45	/	/	22.30	/	/	<=38.45	Pass
		Outer_Full	21.31	/	/	22.16	/	/	<=38.45	Pass
	836.5	Inner_Full	22.45	/	/	23.30	/	/	<=38.45	Pass
		Inner_1RB_Left	22.21	/	/	23.06	/	/	<=38.45	Pass
		Inner_1RB_Right	22.52	/	/	23.37	/	/	<=38.45	Pass
		Edge_1RB_Left	20.76	/	/	21.61	/	/	<=38.45	Pass
		Edge_1RB_Right	21.10	/	/	21.95	/	/	<=38.45	Pass
	839	Outer_Full	20.78	/	/	21.63	/	/	<=38.45	Pass
		Inner_Full	20.78	/	/	21.63	/	/	<=38.45	Pass
		Inner_1RB_Left	20.66	/	/	21.51	/	/	<=38.45	Pass
		Inner_1RB_Right	20.62	/	/	21.47	/	/	<=38.45	Pass
		Edge_1RB_Left	20.82	/	/	21.67	/	/	<=38.45	Pass
CP-OFDM 256 QAM	834	Edge_1RB_Right	20.95	/	/	21.80	/	/	<=38.45	Pass
		Outer_Full	20.90	/	/	21.75	/	/	<=38.45	Pass
		Inner_Full	20.90	/	/	21.75	/	/	<=38.45	Pass
		Inner_1RB_Left	20.83	/	/	21.68	/	/	<=38.45	Pass
		Inner_1RB_Right	20.87	/	/	21.72	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	20.74	/	/	21.59	/	/	<=38.45	Pass
		Edge_1RB_Right	21.23	/	/	22.08	/	/	<=38.45	Pass
		Outer_Full	20.87	/	/	21.72	/	/	<=38.45	Pass
		Inner_Full	20.97	/	/	21.82	/	/	<=38.45	Pass
		Inner_1RB_Left	20.74	/	/	21.59	/	/	<=38.45	Pass
	839	Inner_1RB_Right	21.07	/	/	21.92	/	/	<=38.45	Pass
		Edge_1RB_Left	17.24	/	/	18.09	/	/	<=38.45	Pass
CP-OFDM 256 QAM	834	Edge_1RB_Right	17.58	/	/	18.43	/	/	<=38.45	Pass

		Outer_Full	17.68	/	/	18.53	/	/	<=38.45	Pass
		Inner_Full	17.66	/	/	18.51	/	/	<=38.45	Pass
		Inner_1RB_Left	17.25	/	/	18.10	/	/	<=38.45	Pass
		Inner_1RB_Right	17.50	/	/	18.35	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	17.28	/	/	18.13	/	/	<=38.45	Pass
		Edge_1RB_Right	17.94	/	/	18.79	/	/	<=38.45	Pass
		Outer_Full	17.93	/	/	18.78	/	/	<=38.45	Pass
		Inner_Full	17.83	/	/	18.68	/	/	<=38.45	Pass
	839	Inner_1RB_Left	17.31	/	/	18.16	/	/	<=38.45	Pass
		Inner_1RB_Right	17.93	/	/	18.78	/	/	<=38.45	Pass
		Edge_1RB_Left	17.25	/	/	18.10	/	/	<=38.45	Pass
		Edge_1RB_Right	17.64	/	/	18.49	/	/	<=38.45	Pass
		Outer_Full	17.85	/	/	18.70	/	/	<=38.45	Pass
		Inner_Full	17.91	/	/	18.76	/	/	<=38.45	Pass
		Inner_1RB_Left	17.32	/	/	18.17	/	/	<=38.45	Pass
		Inner_1RB_Right	17.59	/	/	18.44	/	/	<=38.45	Pass

Note1: Antenna Gain: Ant0: 3.00dBi;

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	-9.70	-0.0116	>=-2.5 & <=2.5	Pass
				HV	-10.10	-0.0121	>=-2.5 & <=2.5	Pass
			0	NV	-9.90	-0.0118	>=-2.5 & <=2.5	Pass
			10	NV	-7.80	-0.0093	>=-2.5 & <=2.5	Pass
			20	NV	-11.20	-0.0134	>=-2.5 & <=2.5	Pass
			30	NV	-7.10	-0.0085	>=-2.5 & <=2.5	Pass
			40	NV	-11.00	-0.0132	>=-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 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	4.63	7.15	/	Pass
DFT-s-OFDM QPSK	836.5	Outer_Full	4.58	6.39	/	Pass
DFT-s-OFDM 16 QAM	836.5	Outer_Full	4.62	5.89	/	Pass
DFT-s-OFDM 64 QAM	836.5	Outer_Full	4.58	5.64	/	Pass
DFT-s-OFDM 256 QAM	836.5	Outer_Full	4.58	5.29	/	Pass
CP-OFDM QPSK	836.5	Outer_Full	4.64	8.07	/	Pass
CP-OFDM 16 QAM	836.5	Outer_Full	4.74	8.23	/	Pass
CP-OFDM 64 QAM	836.5	Outer_Full	4.64	8.81	/	Pass
CP-OFDM 256 QAM	836.5	Outer_Full	4.58	5.36	/	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	9.02	9.97	/	Pass
DFT-s-OFDM QPSK	836.5	Outer_Full	9.11	10.62	/	Pass
DFT-s-OFDM 16 QAM	836.5	Outer_Full	9.10	10.11	/	Pass
DFT-s-OFDM 64 QAM	836.5	Outer_Full	9.07	10.07	/	Pass
DFT-s-OFDM 256 QAM	836.5	Outer_Full	9.04	9.95	/	Pass
CP-OFDM QPSK	836.5	Outer_Full	9.44	13.58	/	Pass
CP-OFDM 16 QAM	836.5	Outer_Full	9.46	13.34	/	Pass
CP-OFDM 64 QAM	836.5	Outer_Full	9.42	13.41	/	Pass
CP-OFDM 256 QAM	836.5	Outer_Full	9.39	10.41	/	Pass

3.1.3 15_S_15M_NTNV

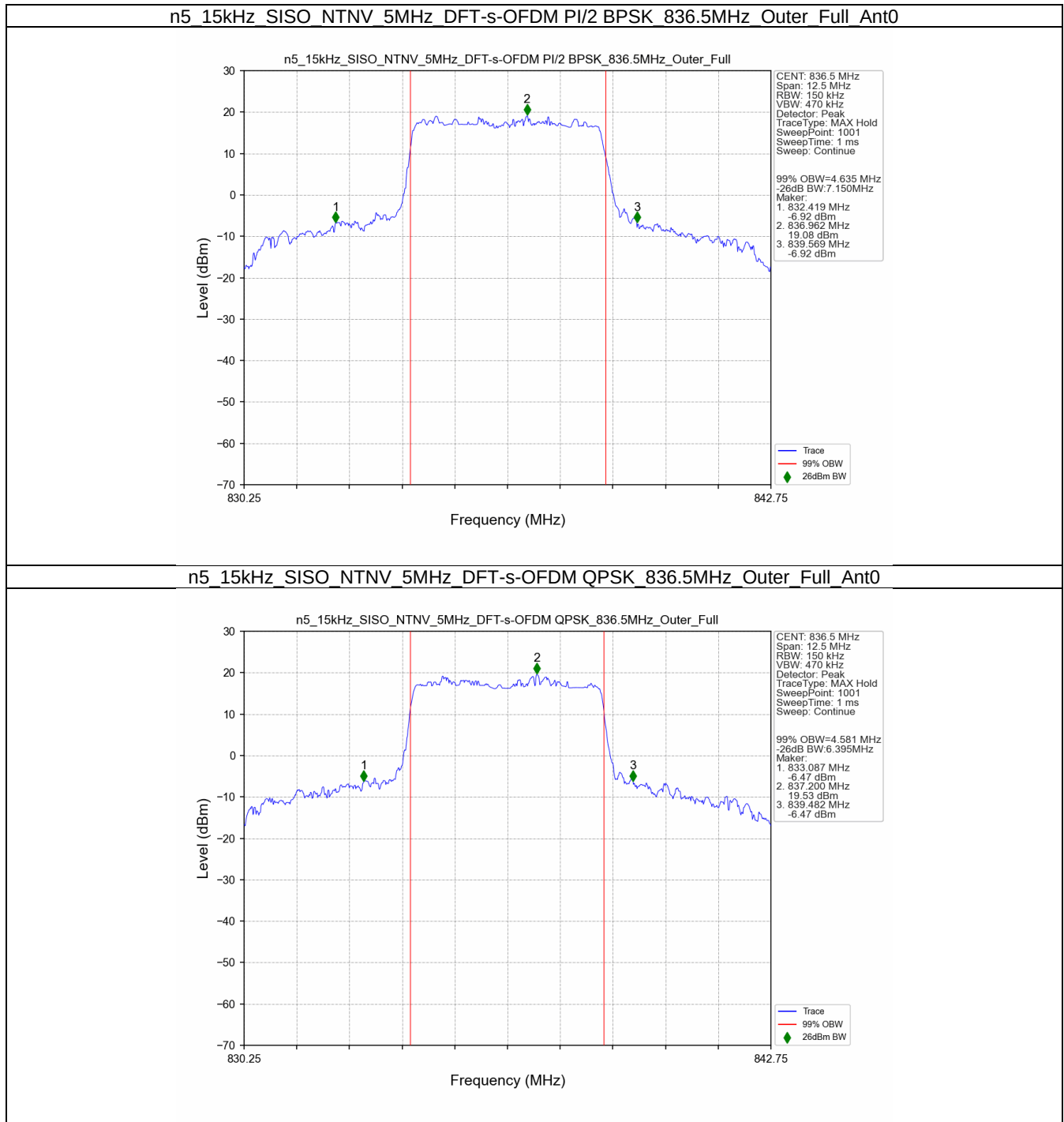
5G NR n5 SCS=15kHz SISO 15MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	836.5	Outer_Full	13.54	14.70	/	Pass
DFT-s-OFDM QPSK	836.5	Outer_Full	13.62	14.70	/	Pass
DFT-s-OFDM 16 QAM	836.5	Outer_Full	13.65	15.28	/	Pass
DFT-s-OFDM 64 QAM	836.5	Outer_Full	13.56	14.77	/	Pass
DFT-s-OFDM 256 QAM	836.5	Outer_Full	13.56	14.79	/	Pass
CP-OFDM QPSK	836.5	Outer_Full	14.31	17.42	/	Pass
CP-OFDM 16 QAM	836.5	Outer_Full	14.33	17.58	/	Pass
CP-OFDM 64 QAM	836.5	Outer_Full	14.38	18.22	/	Pass
CP-OFDM 256 QAM	836.5	Outer_Full	14.20	15.48	/	Pass

3.1.4 15_S_20M_NTNV

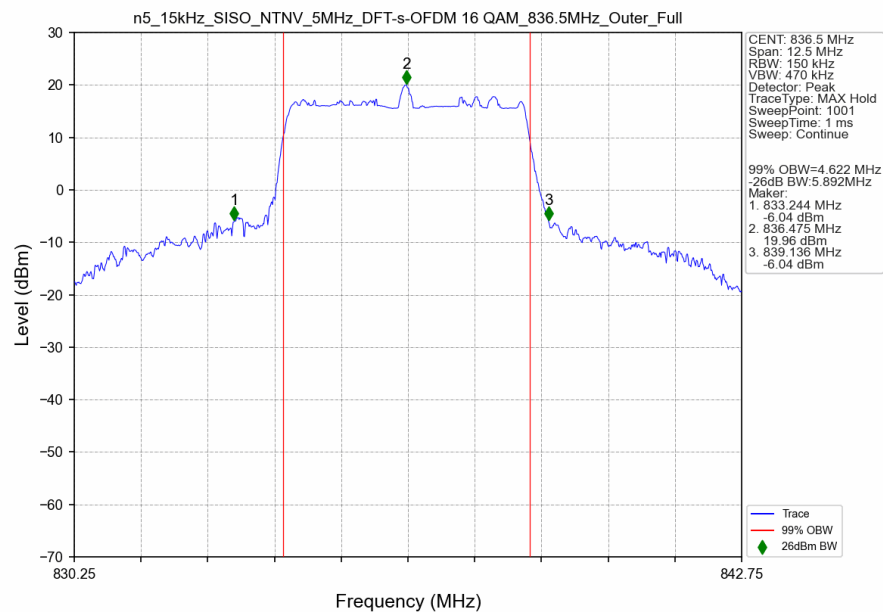
5G NR n5 SCS=15kHz SISO 20MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	836.5	Outer_Full	17.98	19.40	/	Pass
DFT-s-OFDM QPSK	836.5	Outer_Full	18.02	19.84	/	Pass
DFT-s-OFDM 16 QAM	836.5	Outer_Full	18.00	19.55	/	Pass
DFT-s-OFDM 64 QAM	836.5	Outer_Full	18.03	19.57	/	Pass
DFT-s-OFDM 256 QAM	836.5	Outer_Full	18.00	19.39	/	Pass
CP-OFDM QPSK	836.5	Outer_Full	19.05	23.28	/	Pass
CP-OFDM 16 QAM	836.5	Outer_Full	19.19	23.91	/	Pass
CP-OFDM 64 QAM	836.5	Outer_Full	19.12	22.83	/	Pass
CP-OFDM 256 QAM	836.5	Outer_Full	19.12	20.62	/	Pass

3.2 Test Graph

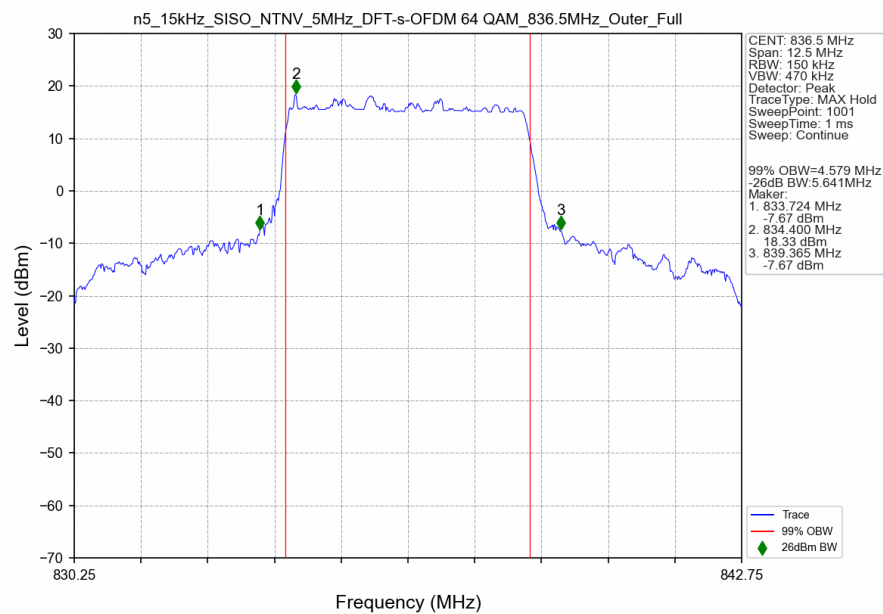
3.2.1 15_S_5M_NTNV



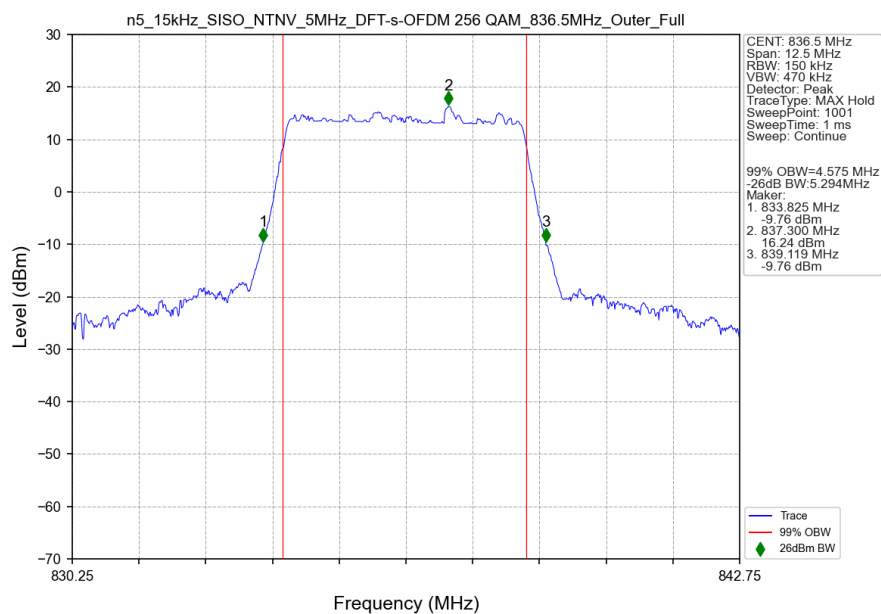
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 16 QAM_836.5MHz_Outer_Full_Ant0



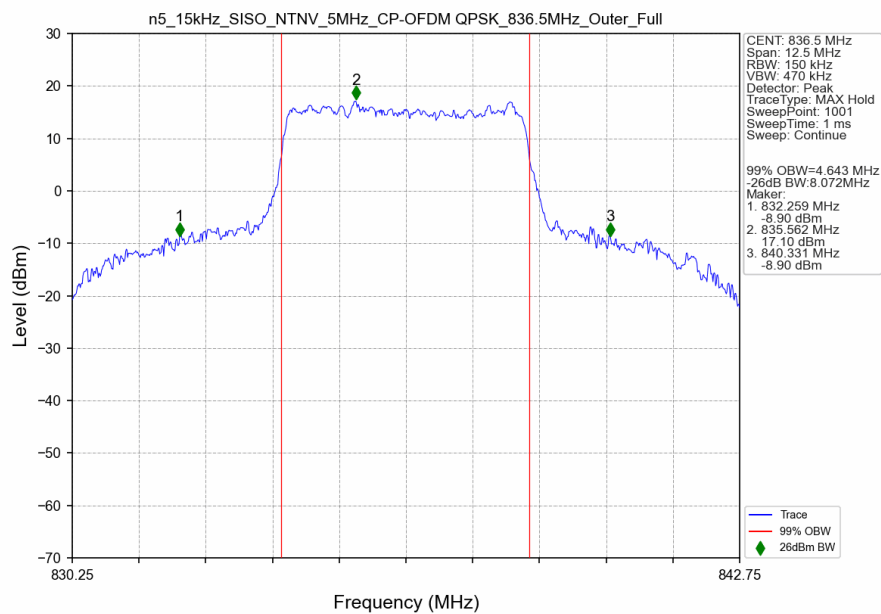
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 64 QAM_836.5MHz_Outer_Full_Ant0



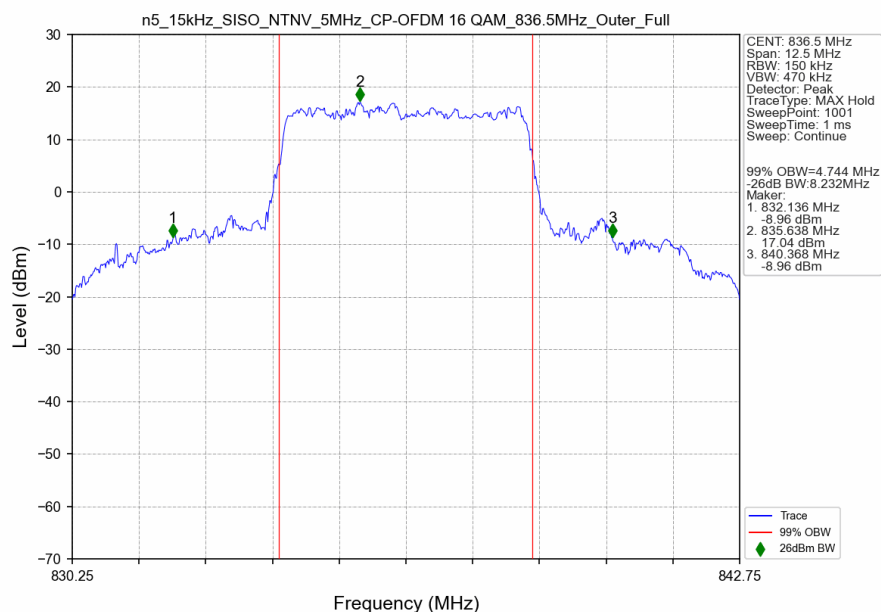
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 256 QAM_836.5MHz_Outer_Full_Ant0



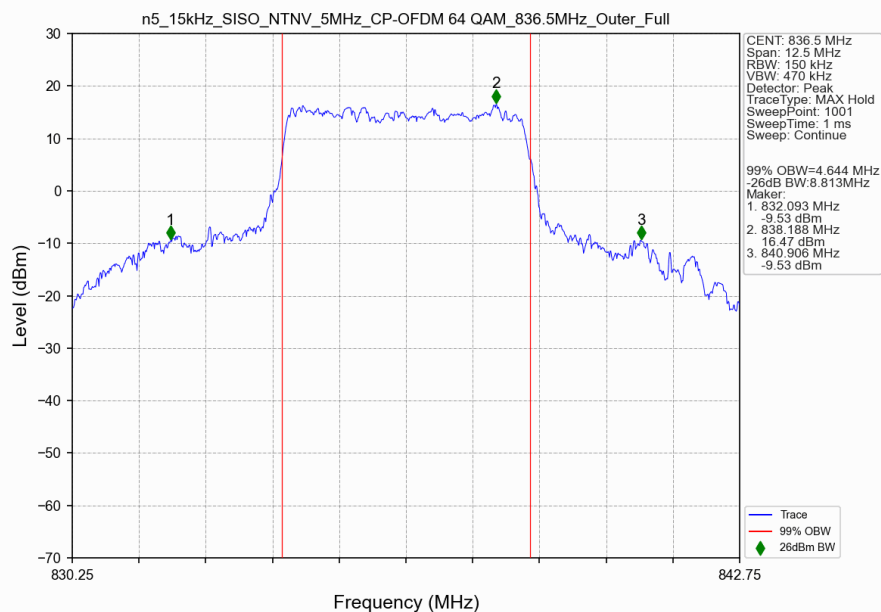
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_836.5MHz_Outer_Full_Ant0



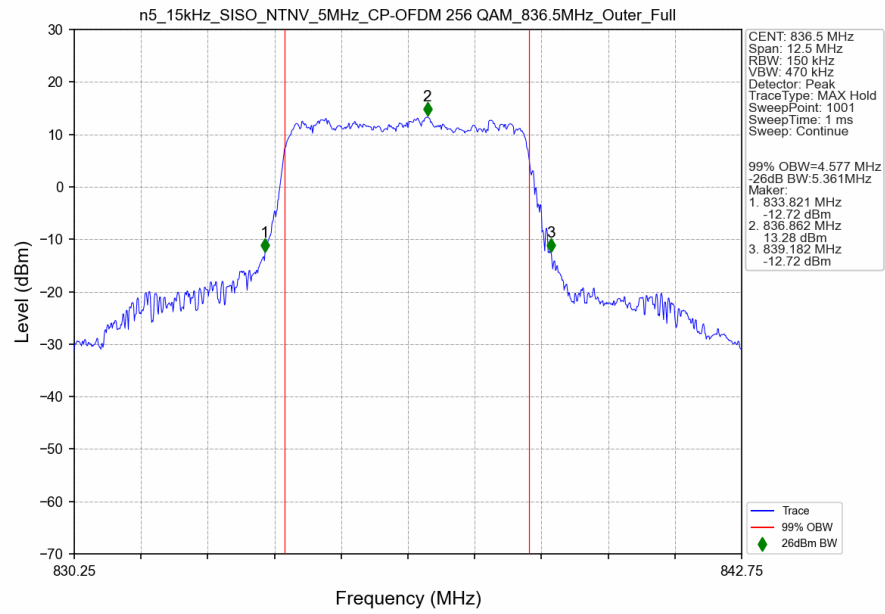
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM 16 QAM_836.5MHz_Outer_Full_Ant0



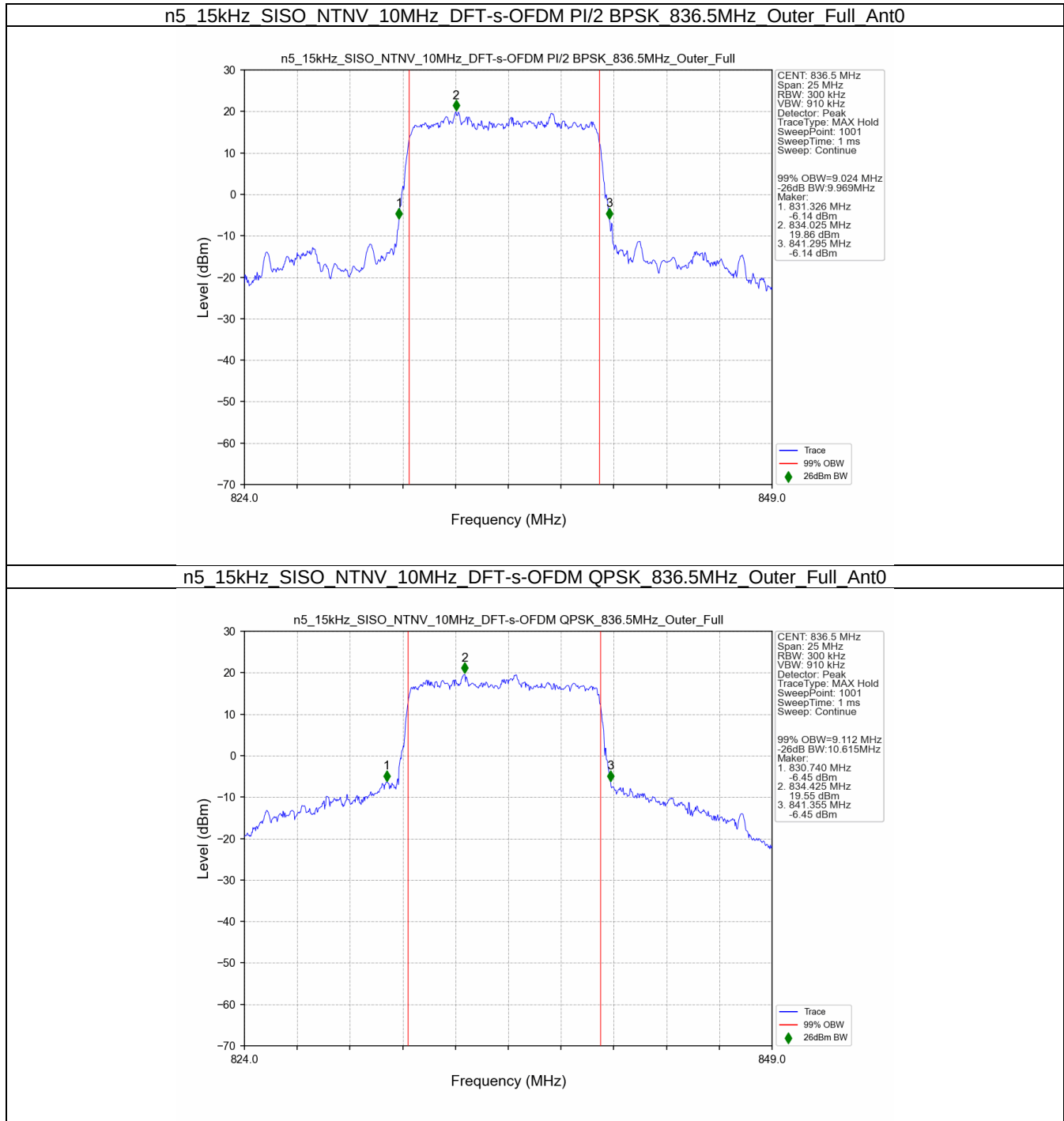
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM 64 QAM_836.5MHz_Outer_Full_Ant0



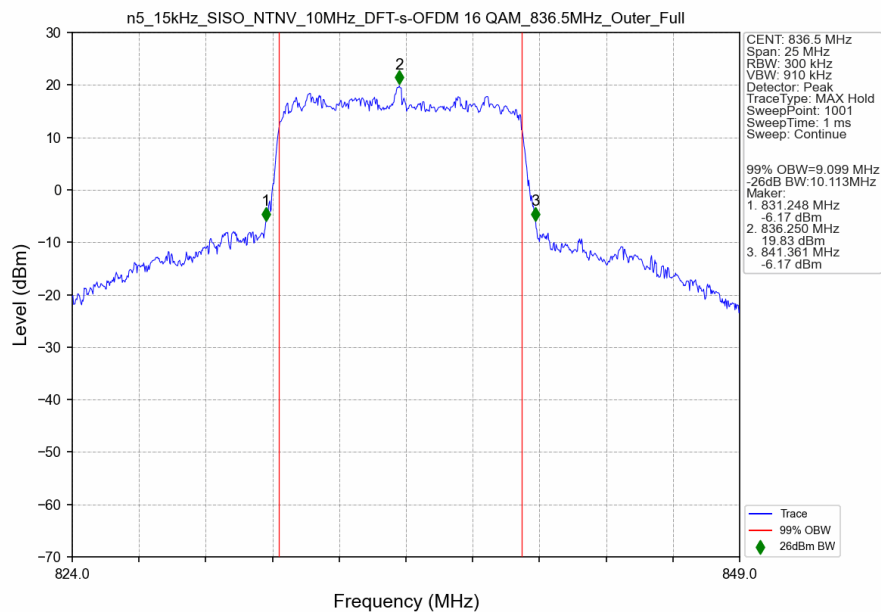
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM 256 QAM_836.5MHz_Outer_Full_Ant0



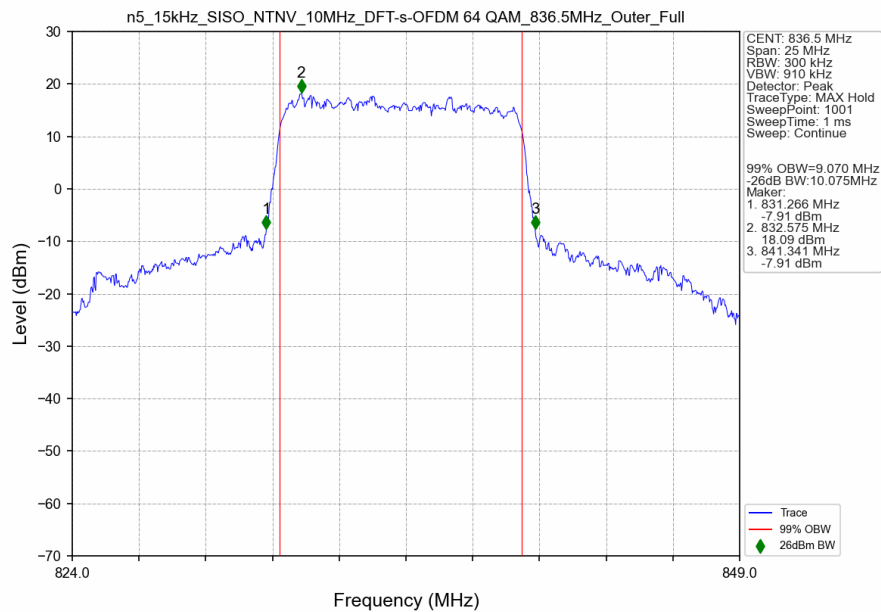
3.2.2 15_S_10M_NTNV



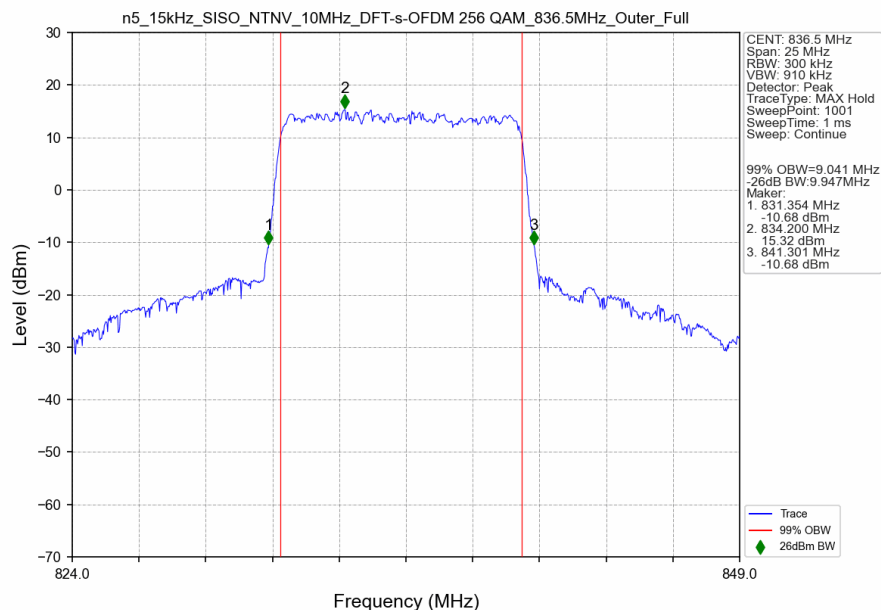
n5_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 16 QAM_836.5MHz_Outer_Full_Ant0



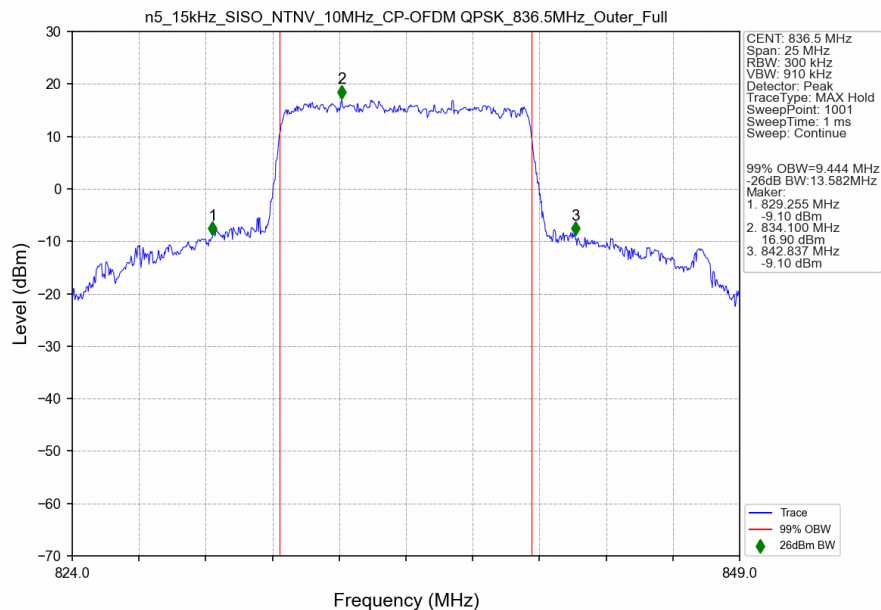
n5_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 64 QAM_836.5MHz_Outer_Full_Ant0



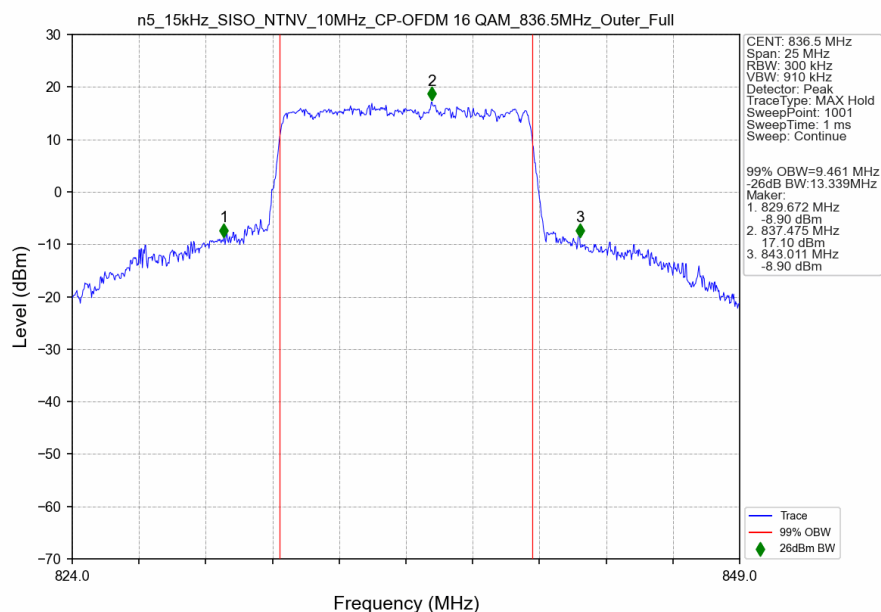
n5_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 256 QAM_836.5MHz_Outer_Full_Ant0



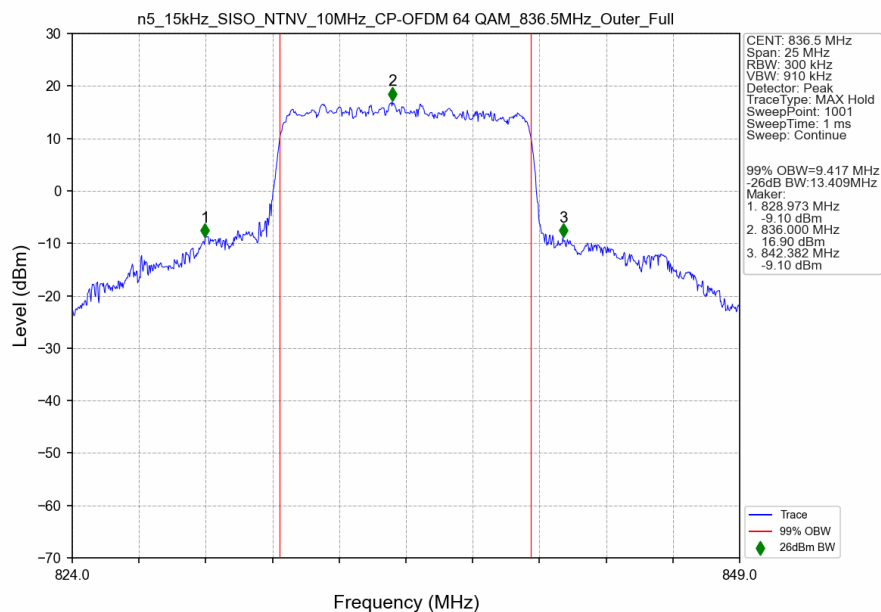
n5_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_836.5MHz_Outer_Full_Ant0



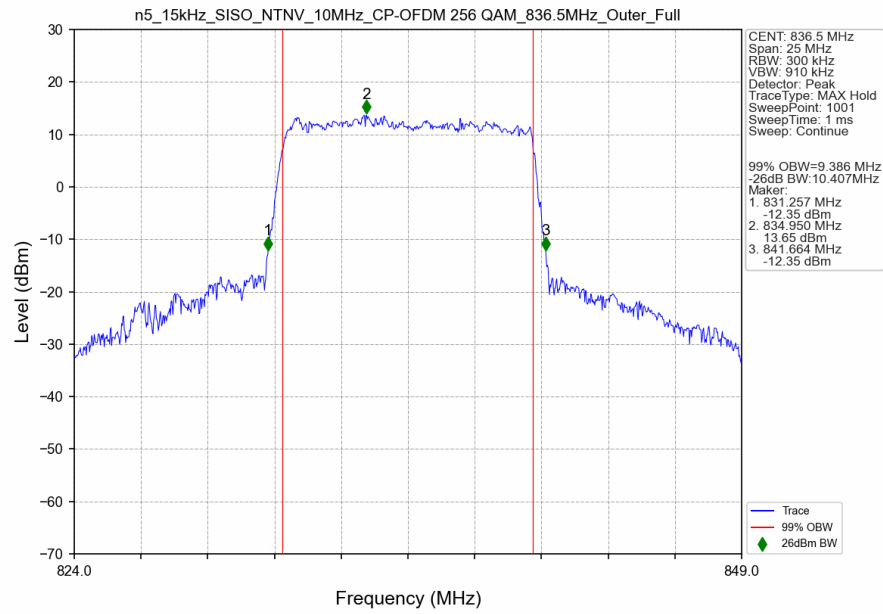
n5_15kHz_SISO_NTNV_10MHz_CP-OFDM 16 QAM_836.5MHz_Outer_Full_Ant0



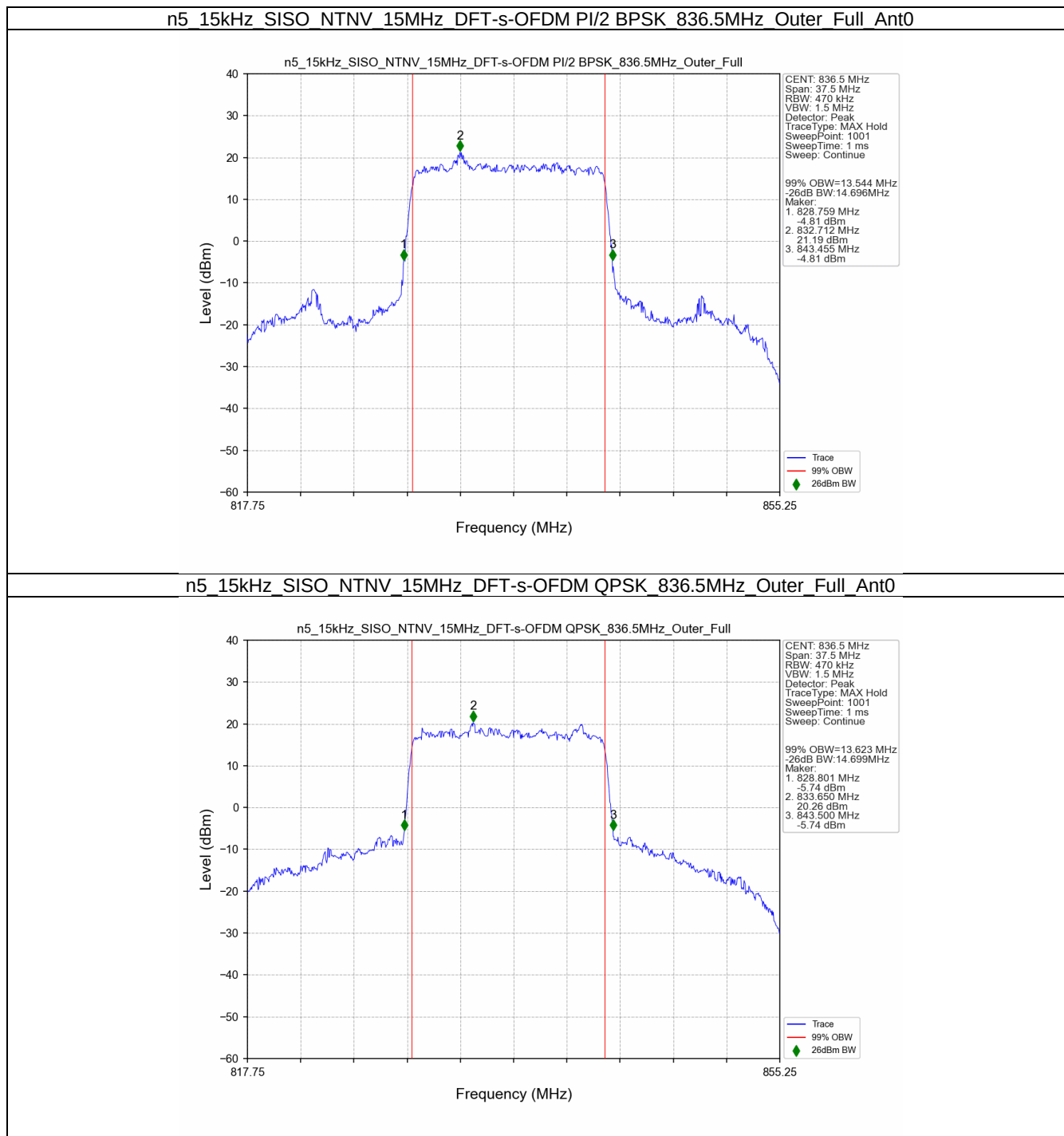
n5_15kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM_836.5MHz_Outer_Full_Ant0



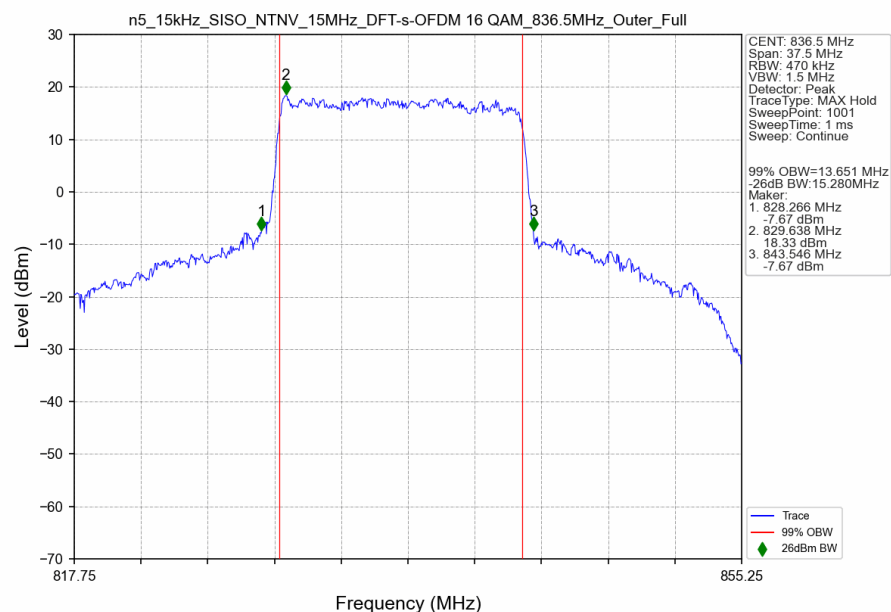
n5_15kHz_SISO_NTNV_10MHz_CP-OFDM 256 QAM_836.5MHz_Outer_Full_Ant0



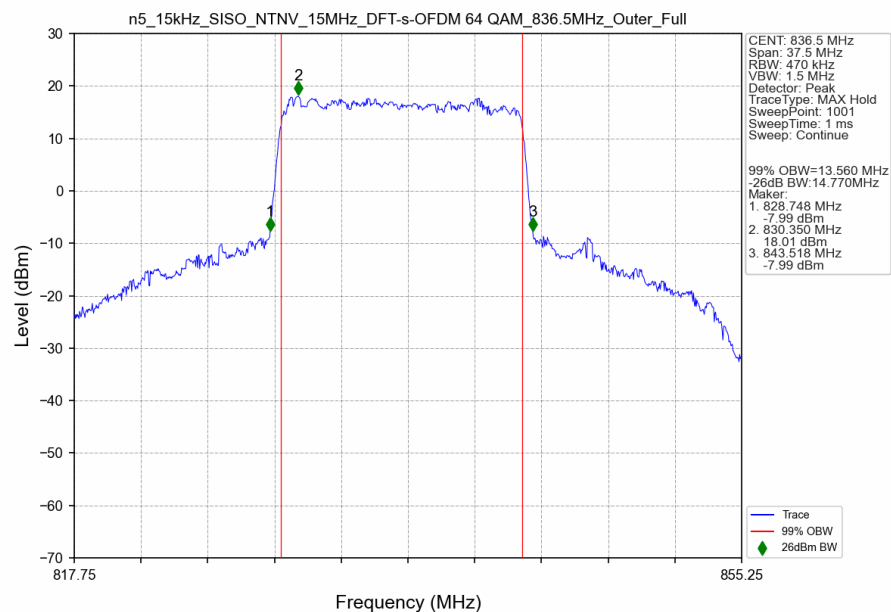
3.2.3 15_S_15M_NTNV



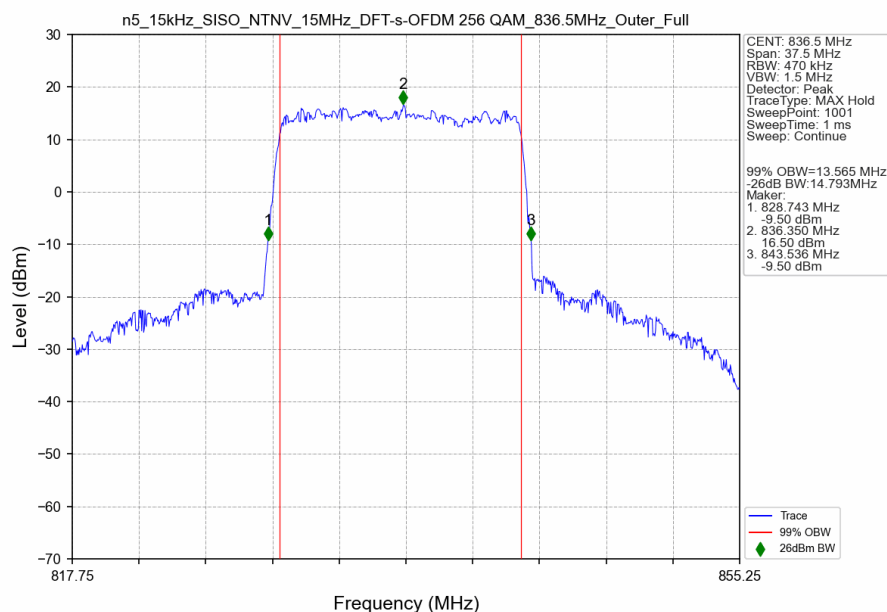
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 16 QAM_836.5MHz_Outer_Full_Ant0



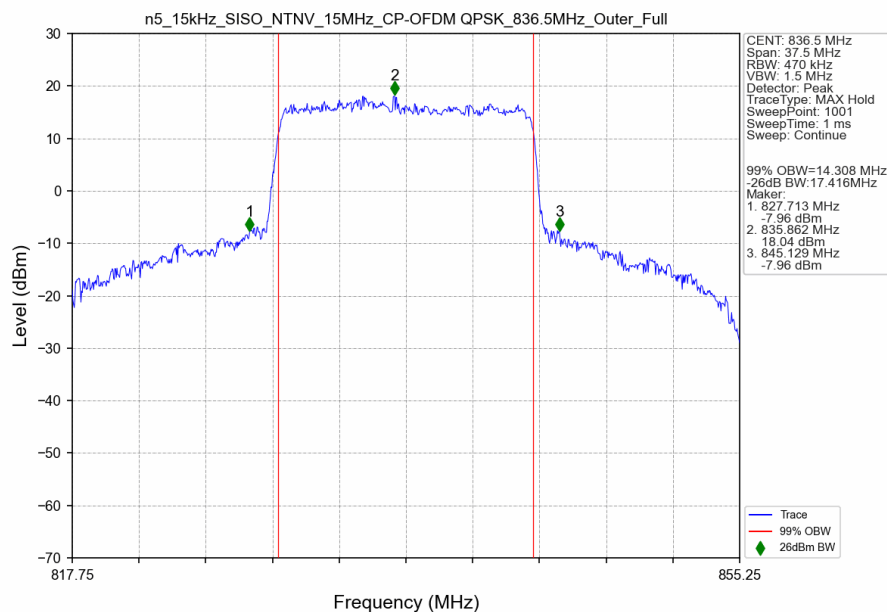
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 64 QAM_836.5MHz_Outer_Full_Ant0



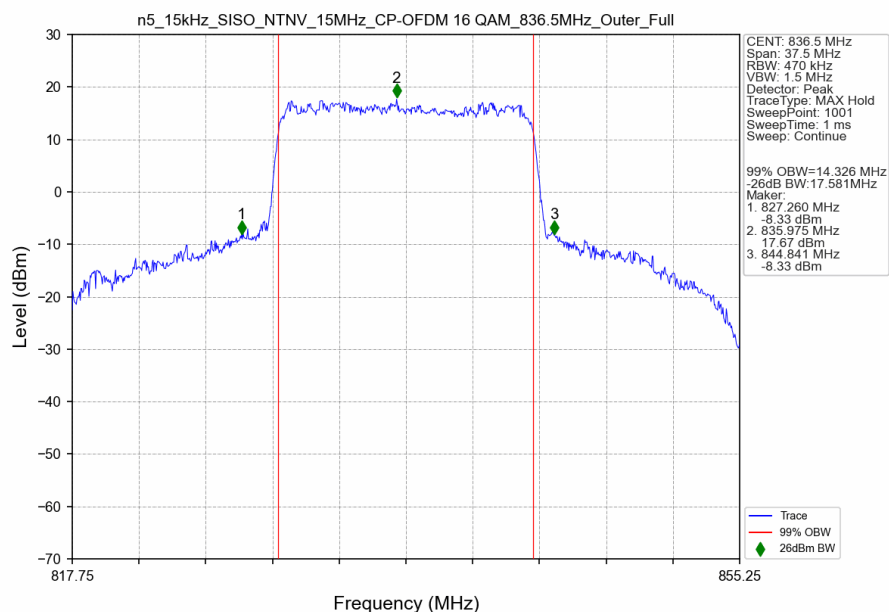
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 256 QAM_836.5MHz_Outer_Full_Ant0



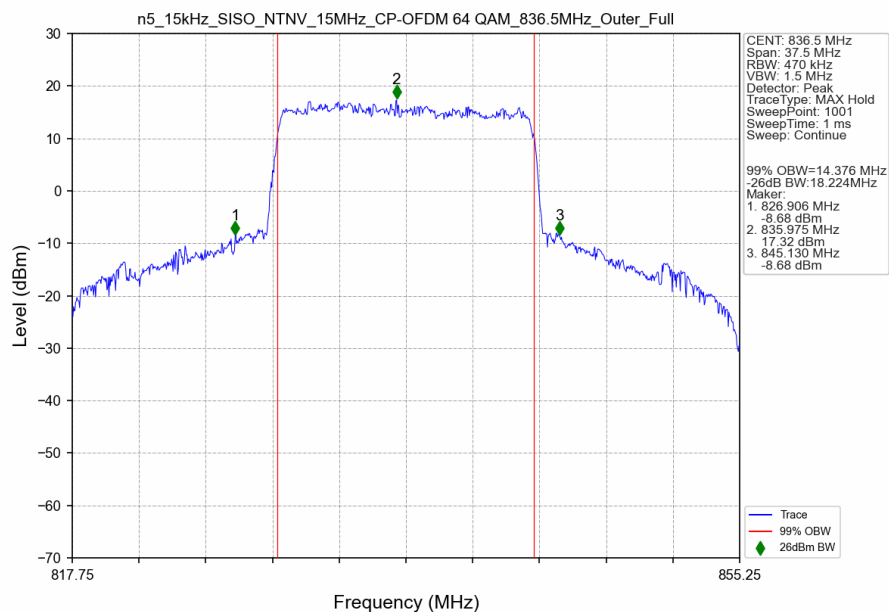
n5_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_836.5MHz_Outer_Full_Ant0



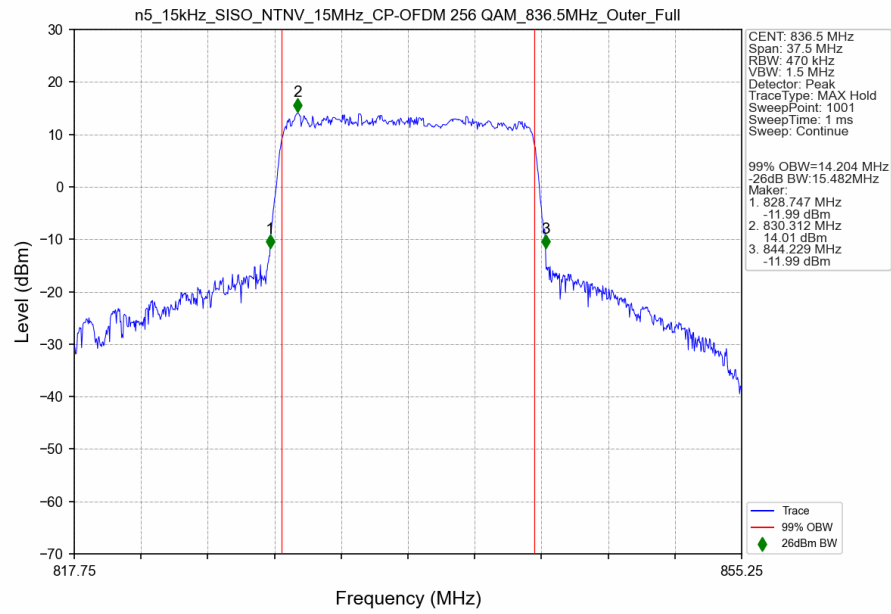
n5_15kHz_SISO_NTNV_15MHz_CP-OFDM 16 QAM 836.5MHz_Outer_Full_Ant0



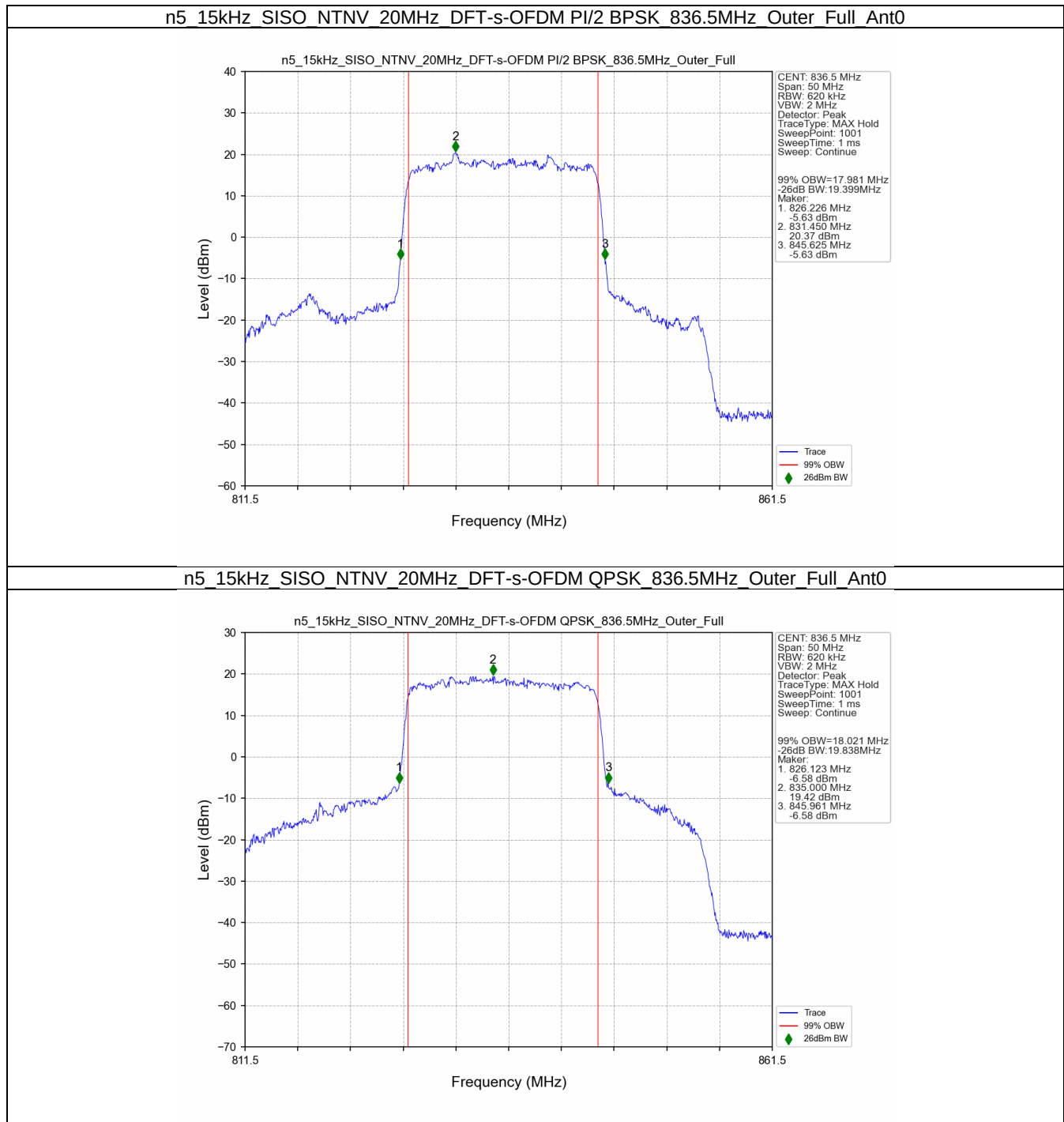
n5_15kHz_SISO_NTNV_15MHz_CP-OFDM 64 QAM 836.5MHz_Outer_Full_Ant0



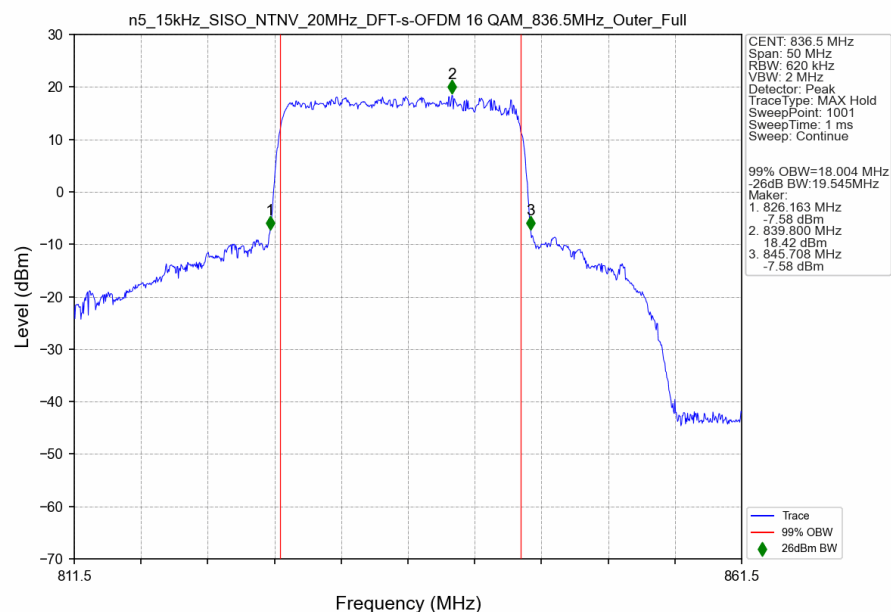
n5_15kHz_SISO_NTNV_15MHz_CP-OFDM 256 QAM_836.5MHz_Outer_Full_Ant0



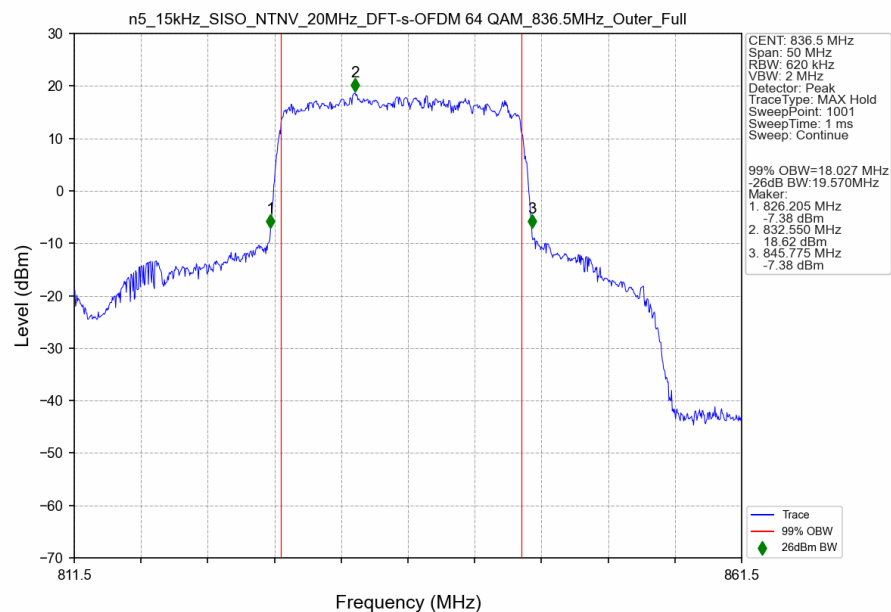
3.2.4 15_S_20M_NTNV



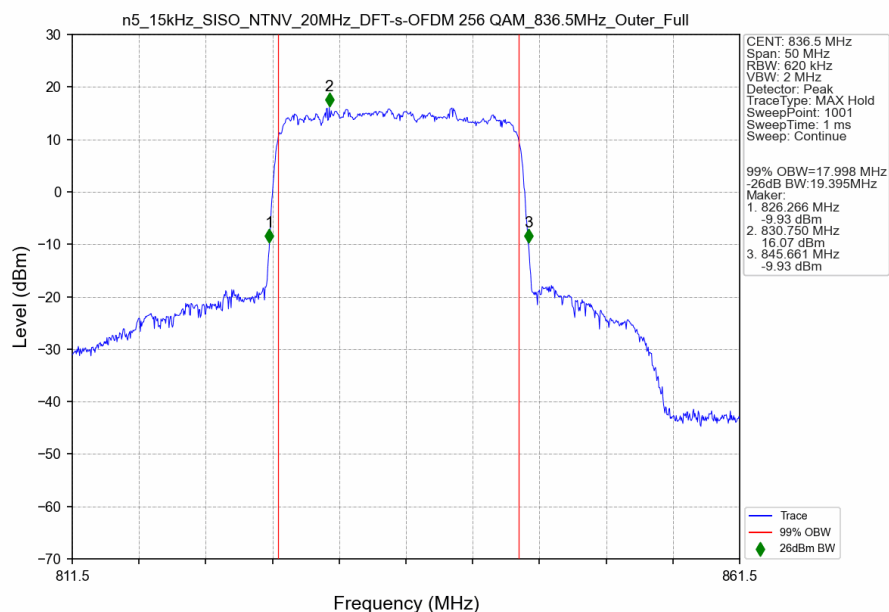
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 16 QAM 836.5MHz_Outer_Full_Ant0



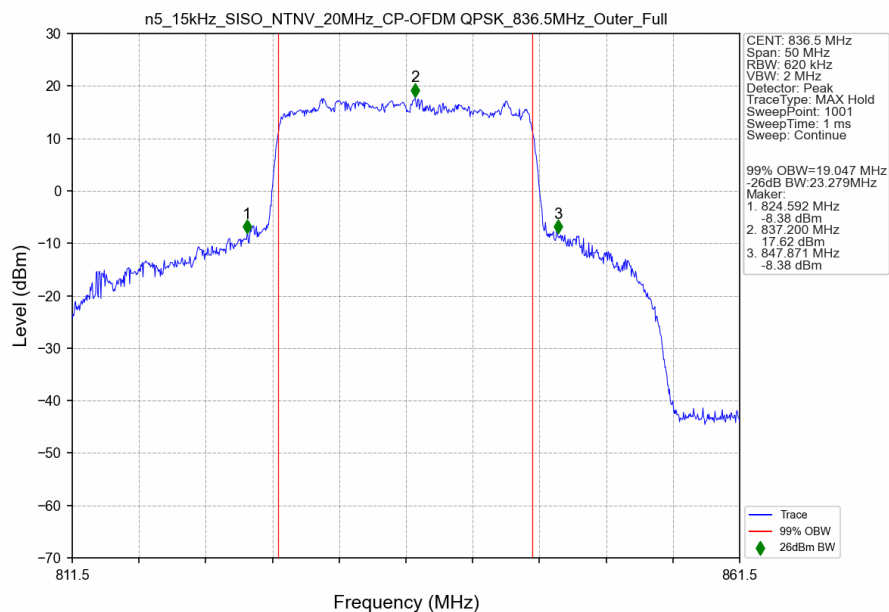
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 64 QAM 836.5MHz_Outer_Full_Ant0



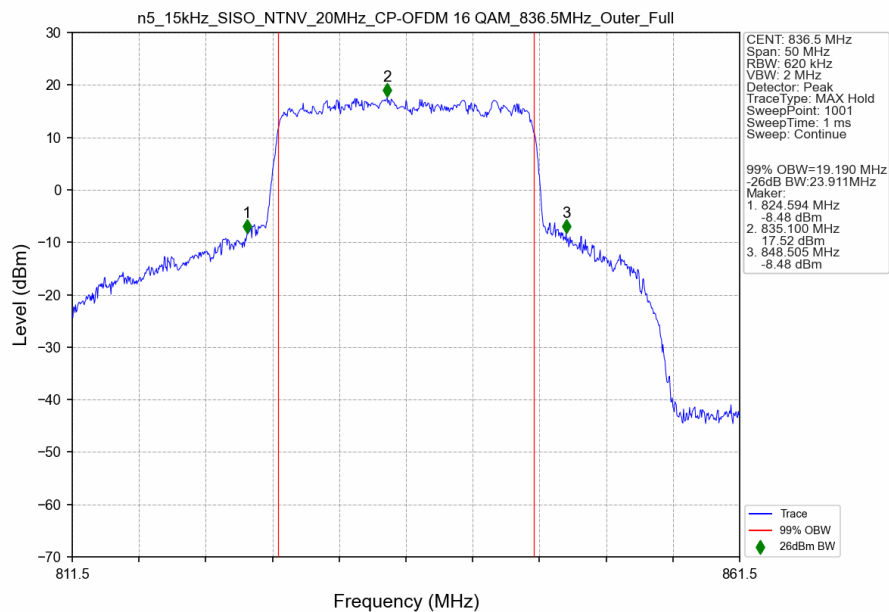
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 256 QAM 836.5MHz_Outer_Full_Ant0



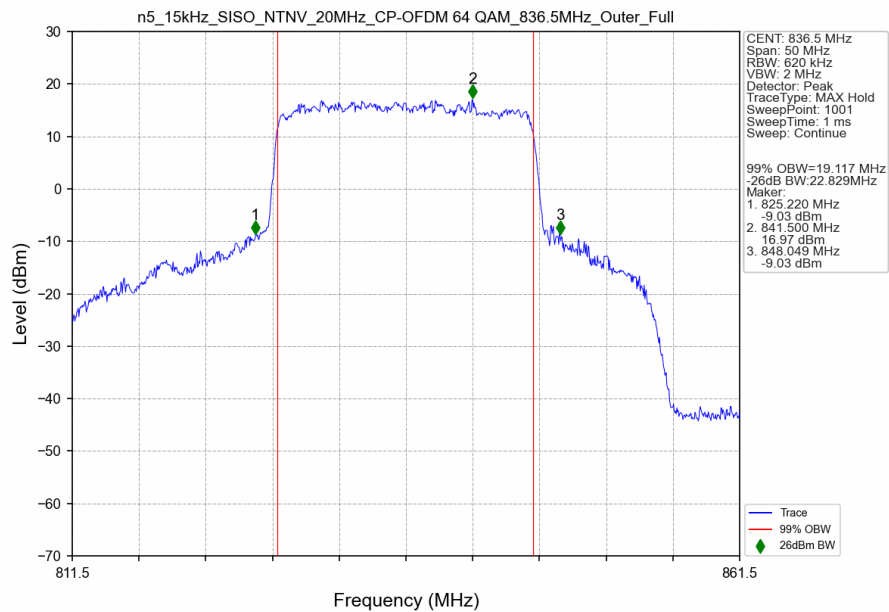
n5_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK 836.5MHz_Outer_Full_Ant0



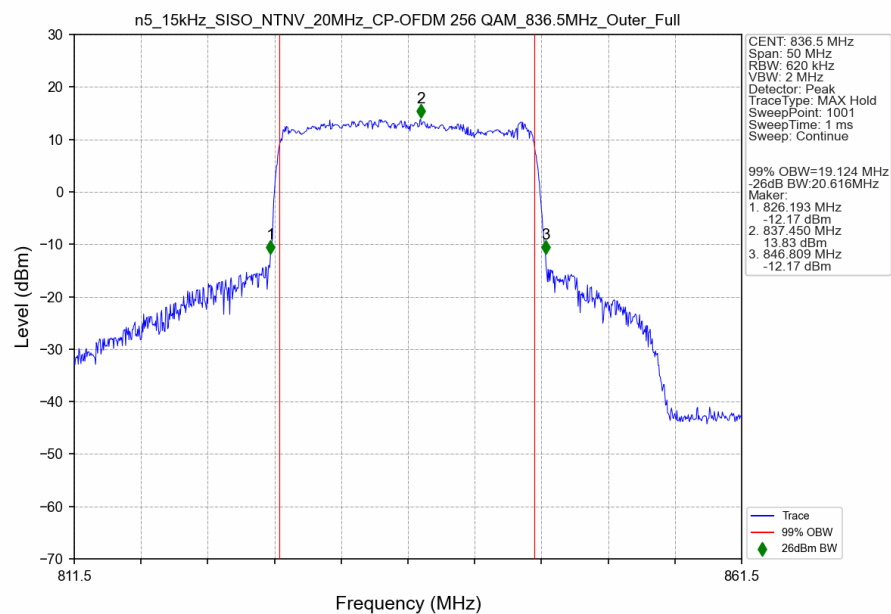
n5_15kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM 836.5MHz_Outer_Full_Ant0



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

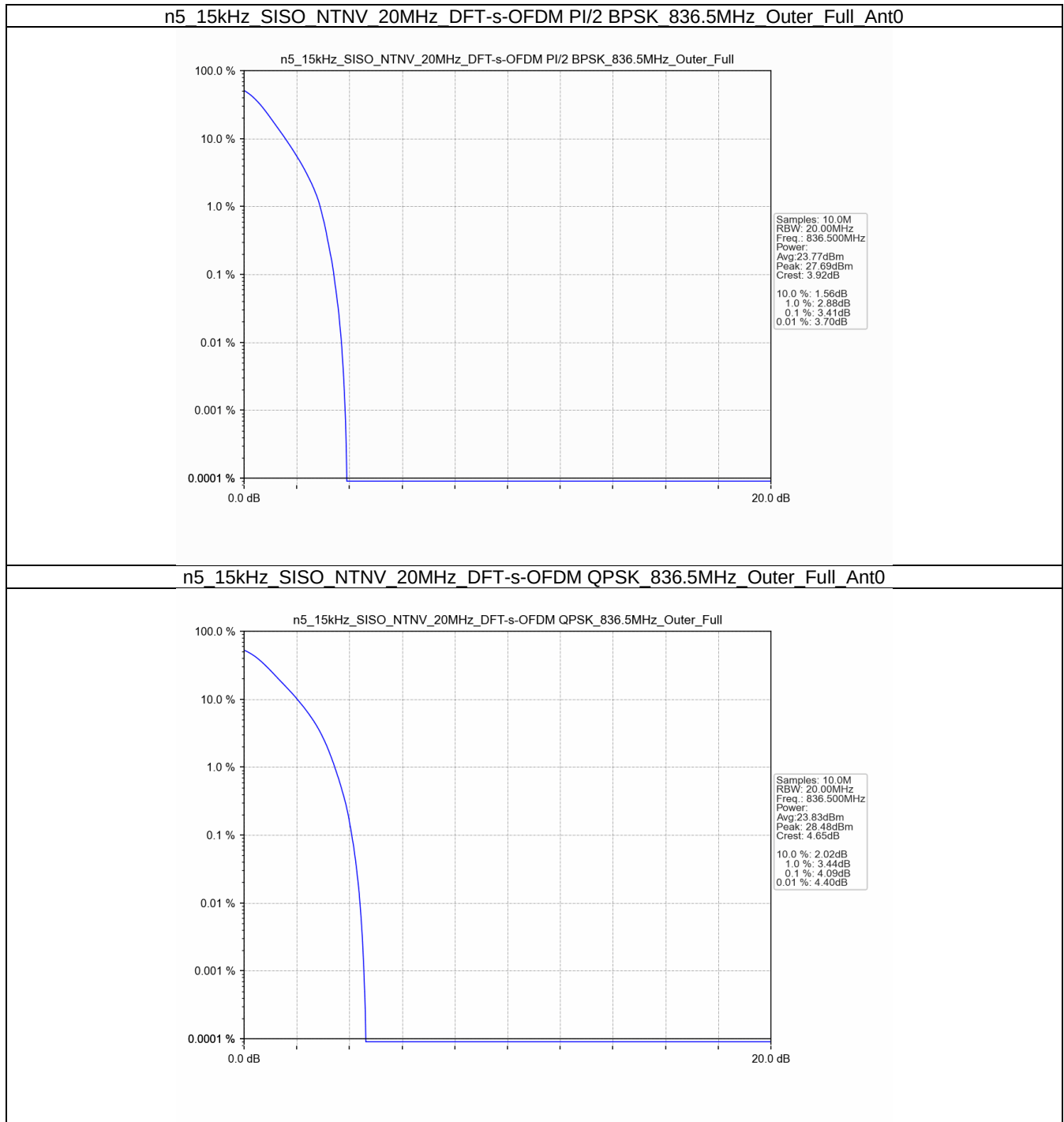
4.1 Test Result

4.1.1 15_S_20M_NTNV

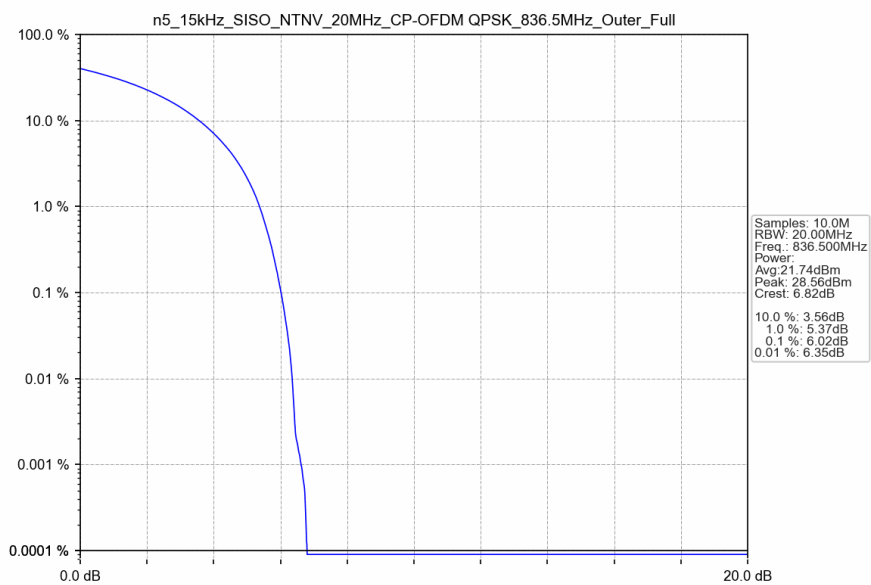
5G NR n5 SCS=15kHz SISO 20MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant0	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	836.5	Outer_Full	3.41	/	/	<=13	Pass
DFT-s-OFDM QPSK	836.5	Outer_Full	4.09	/	/	<=13	Pass
CP-OFDM QPSK	836.5	Outer_Full	6.02	/	/	<=13	Pass

4.2 Test Graph

4.2.1 15_S_20M_NTNV



n5_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_836.5MHz_Outer_Full_Ant0



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

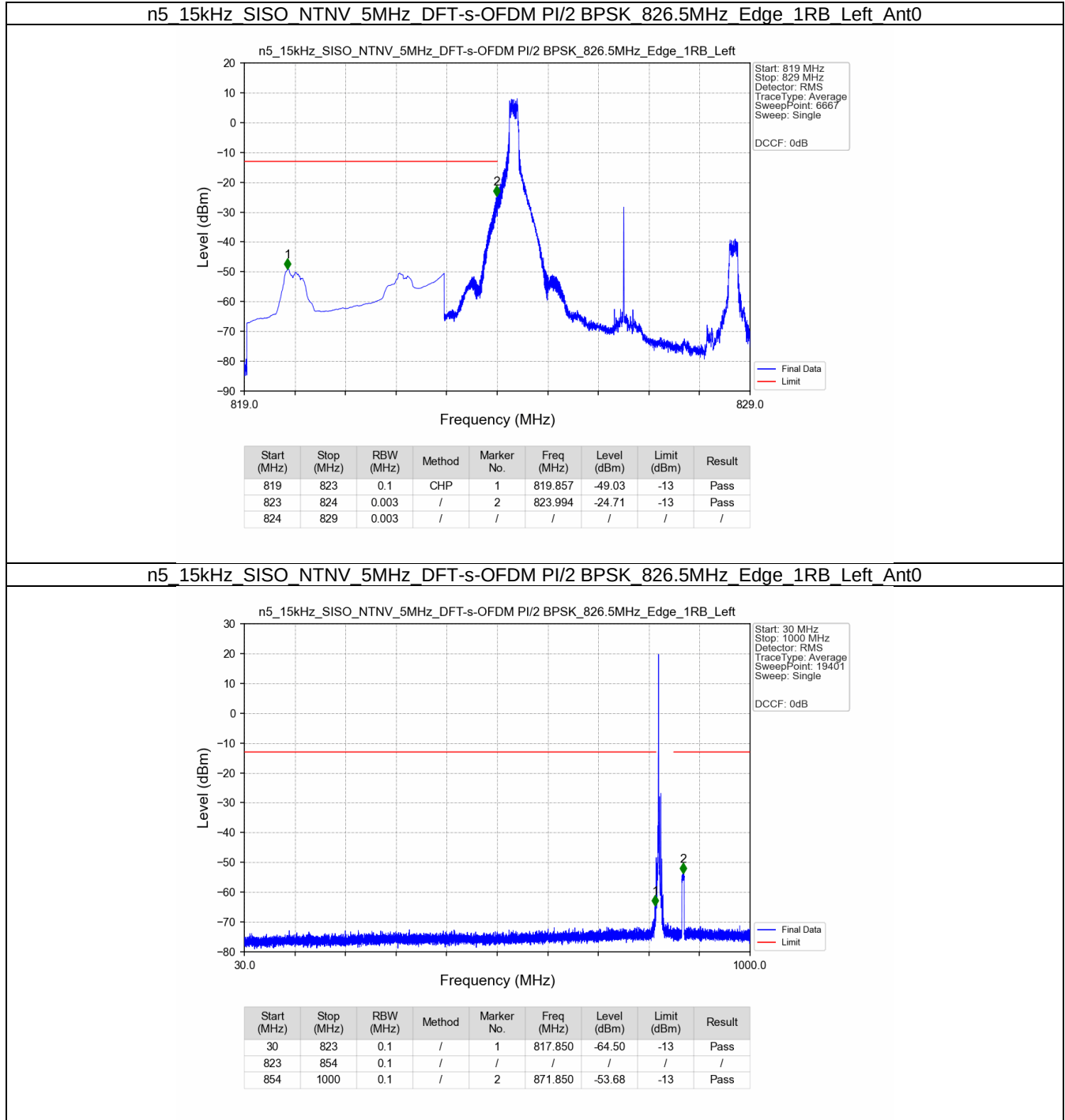
5G NR n5 SCS=15kHz SISO 15MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant0	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	831.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	836.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
	841.5	Edge_1RB_Right	Refer To Test Graph				Pass
		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	Edge_1RB_Right	Refer To Test Graph				Pass
		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	Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass

5.1.3 15_S_20M_NTNV

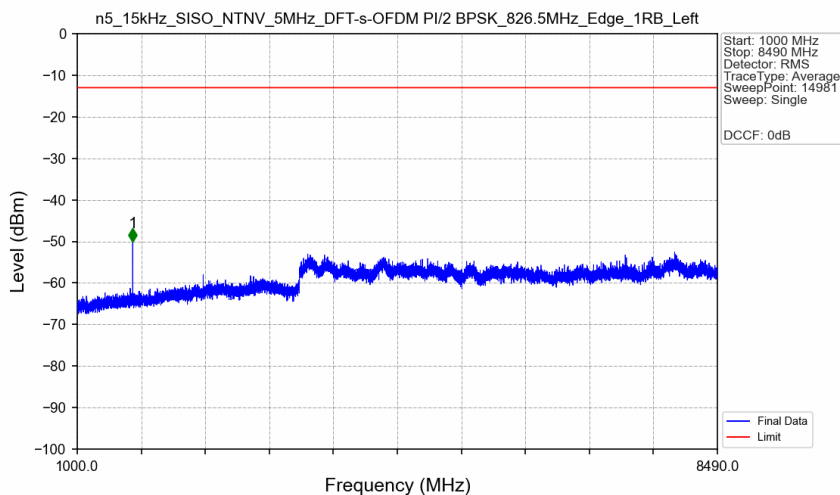
5G NR n5 SCS=15kHz SISO 20MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant0	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	834	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	836.5	Edge_1RB_Left	Refer To Test Graph				Pass
		839	Edge_1RB_Right	Refer To Test Graph			
			Outer_Full	Refer To Test Graph			
	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			
			Outer_Full	Refer To Test Graph			
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			
			Outer_Full	Refer To Test Graph			

5.2 Test Graph

5.2.1 15_S_5M_NTNV

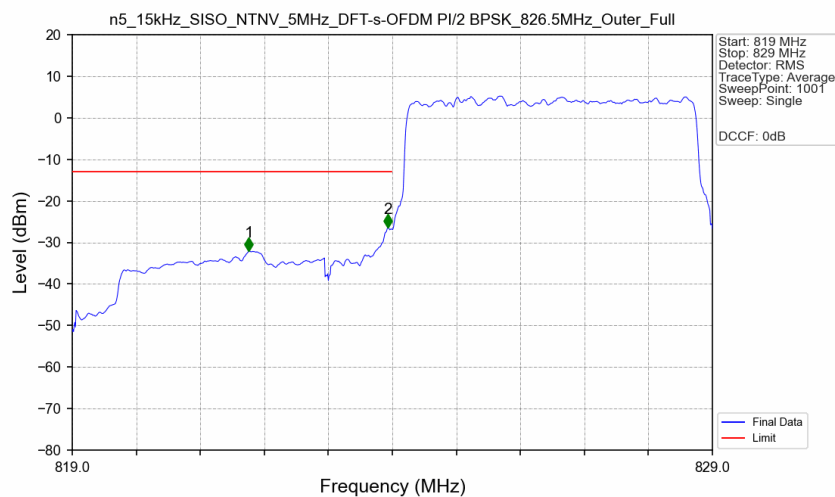


n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_826.5MHz_Edge_1RB_Left_Ant0



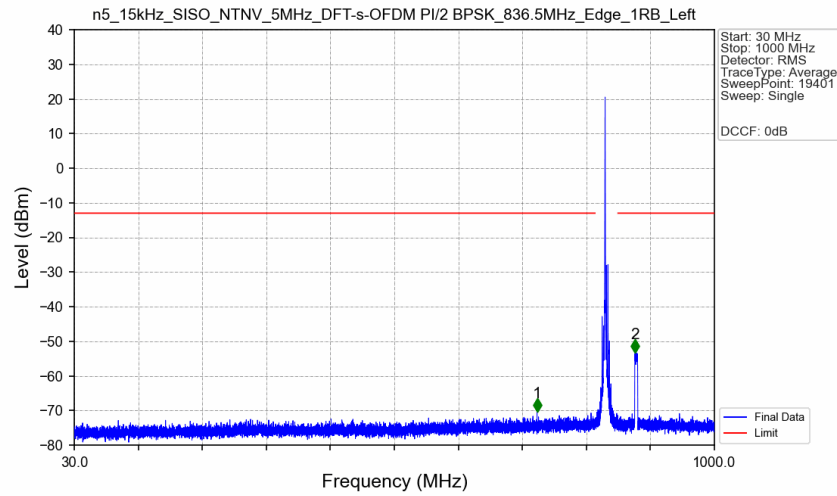
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1648.500	-50.06	-13	Pass

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

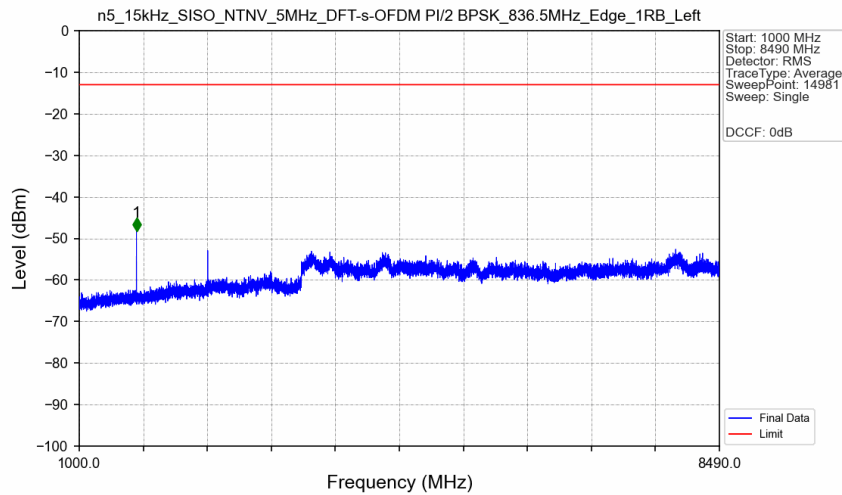


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	821.760	-32.12	-13	Pass
823	824	0.06395	CHP	2	823.930	-26.40	-13	Pass
824	829	0.06395	CHP	/	/	/	/	/

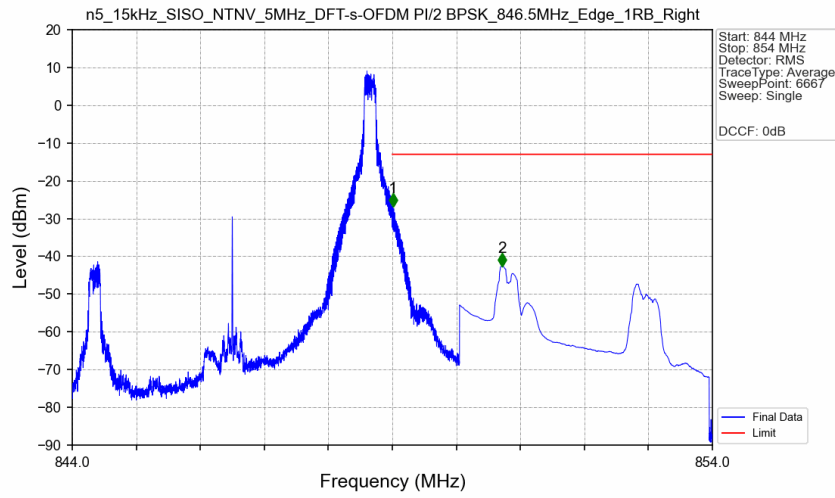
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_836.5MHz_Edge_1RB_Left_Ant0



n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_836.5MHz_Edge_1RB_Left_Ant0

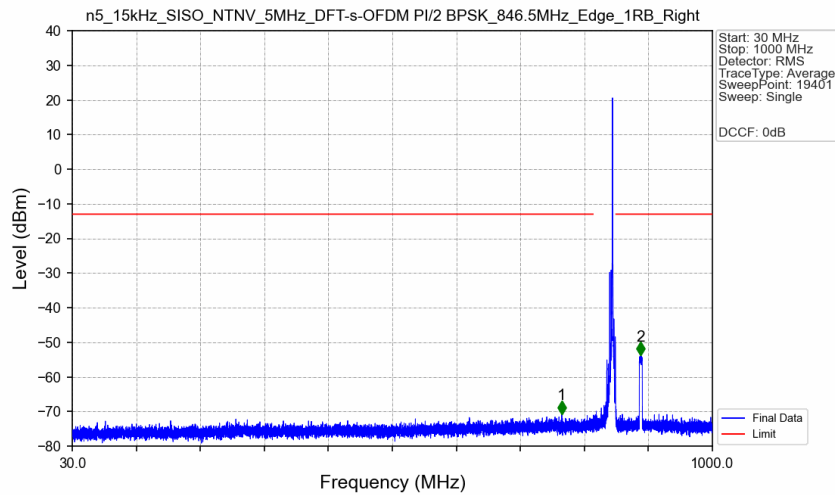


n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_846.5MHz_Edge_1RB_Right_Ant0



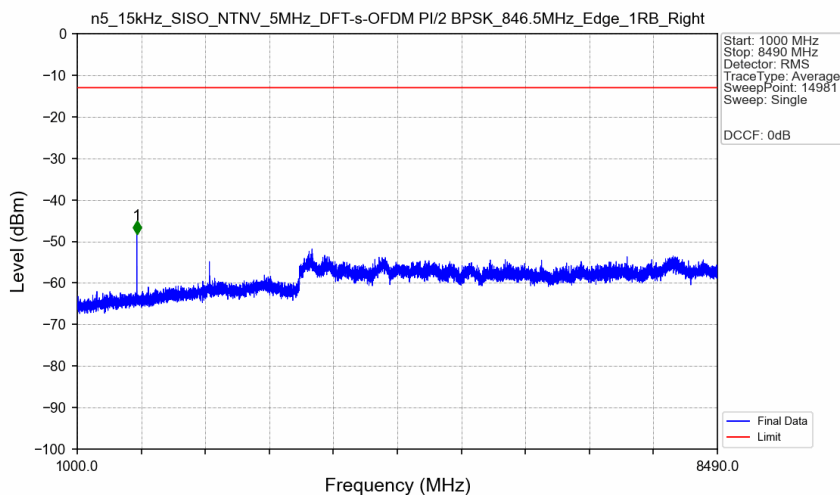
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.006	-26.77	-13	Pass
850	854	0.1	CHP	2	850.715	-42.61	-13	Pass

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

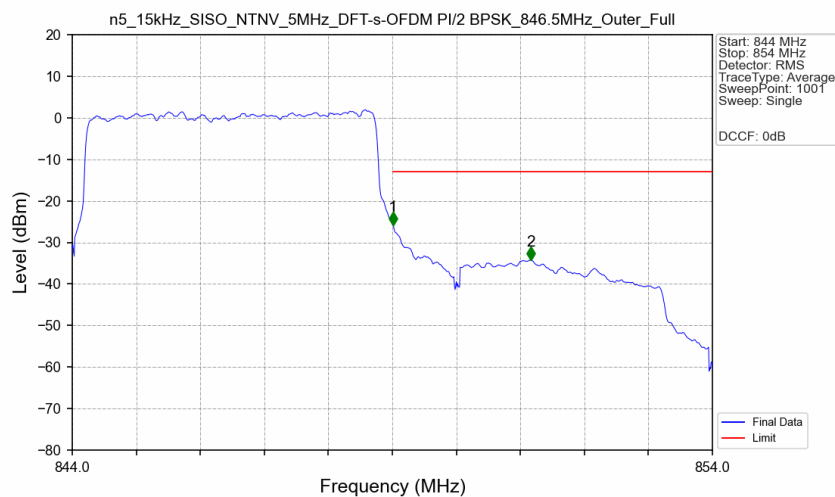


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	771.750	-70.64	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	891.400	-53.77	-13	Pass

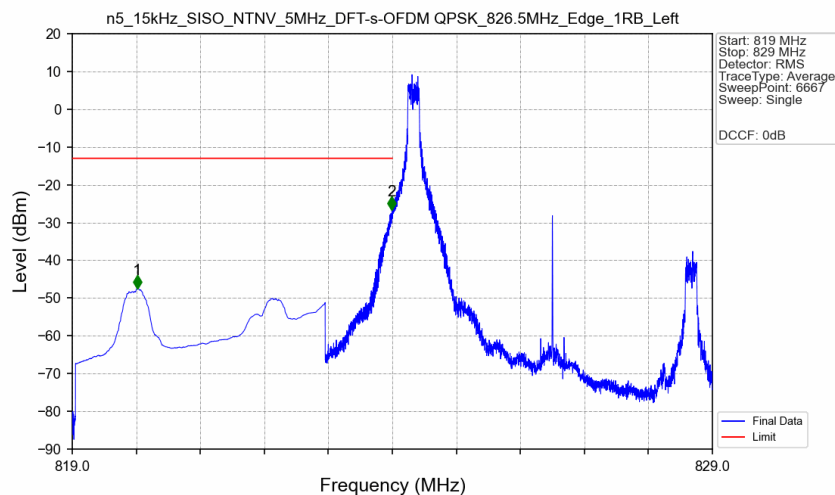
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_846.5MHz_Edge_1RB_Right_Ant0



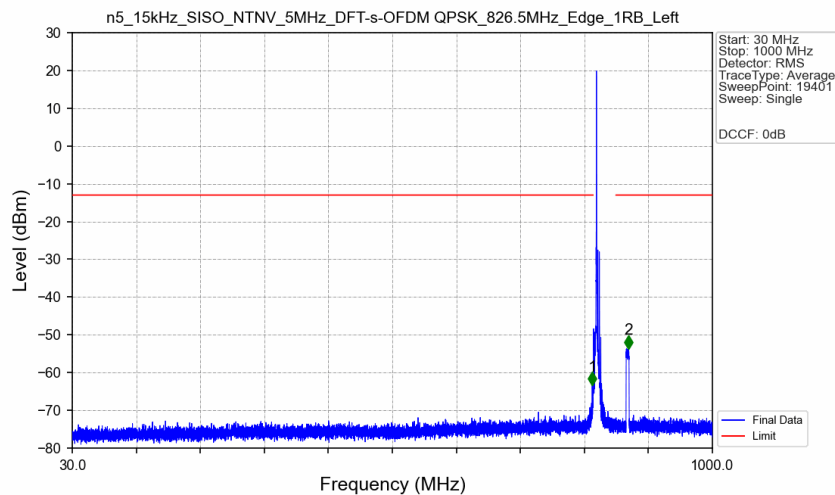
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_846.5MHz_Outer_Full_Ant0



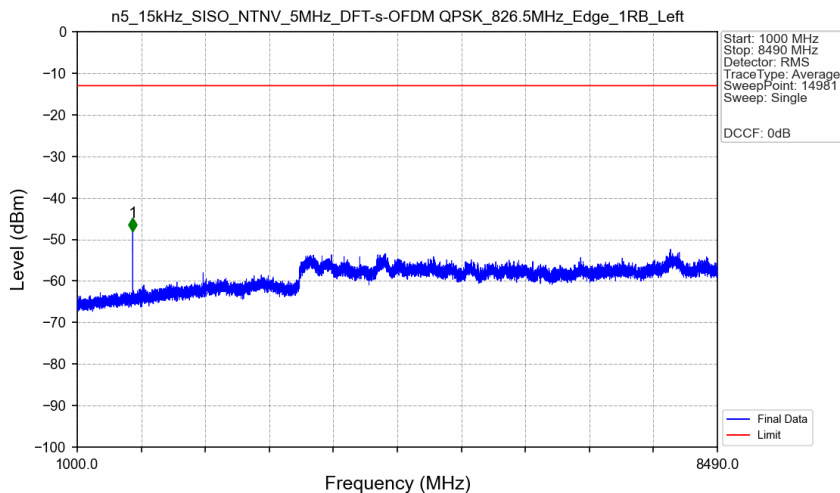
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_826.5MHz_Edge_1RB_Left_Ant0



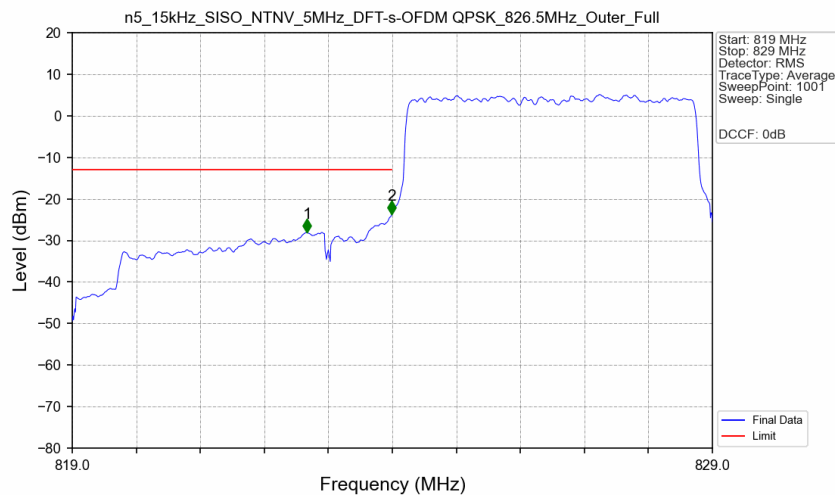
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_826.5MHz_Edge_1RB_Left_Ant0



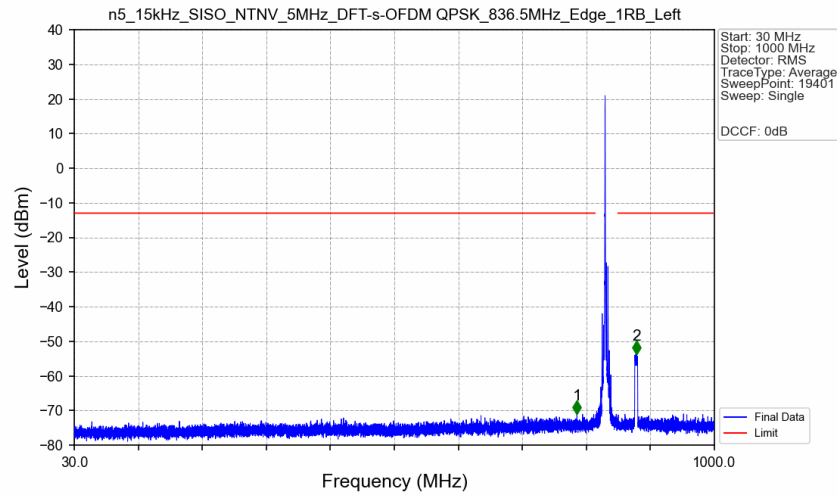
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_826.5MHz_Edge_1RB_Left_Ant0



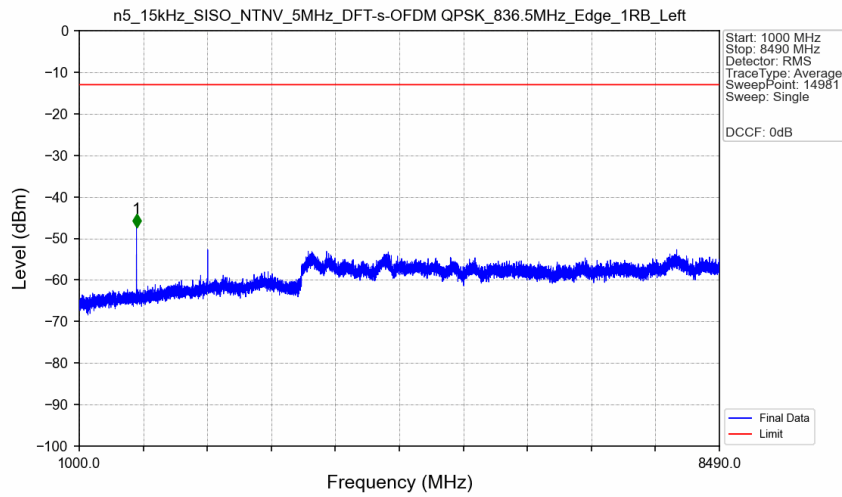
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_826.5MHz_Outer_Full_Ant0



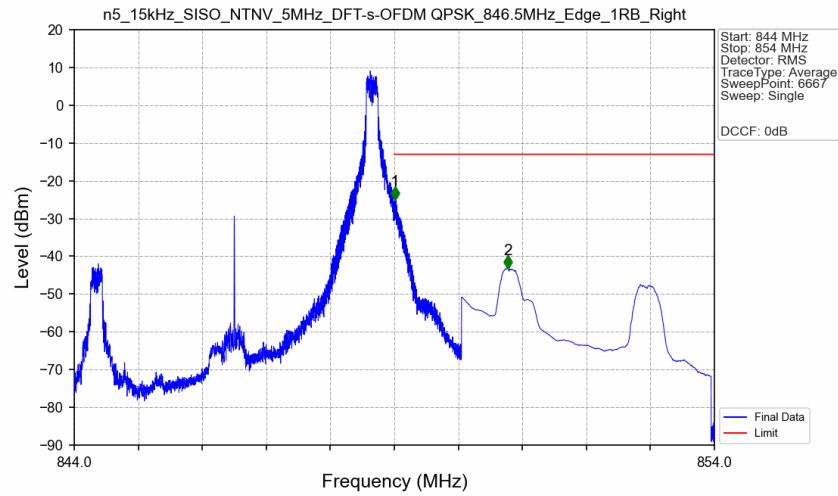
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_836.5MHz_Edge_1RB_Left_Ant0



n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_836.5MHz_Edge_1RB_Left_Ant0

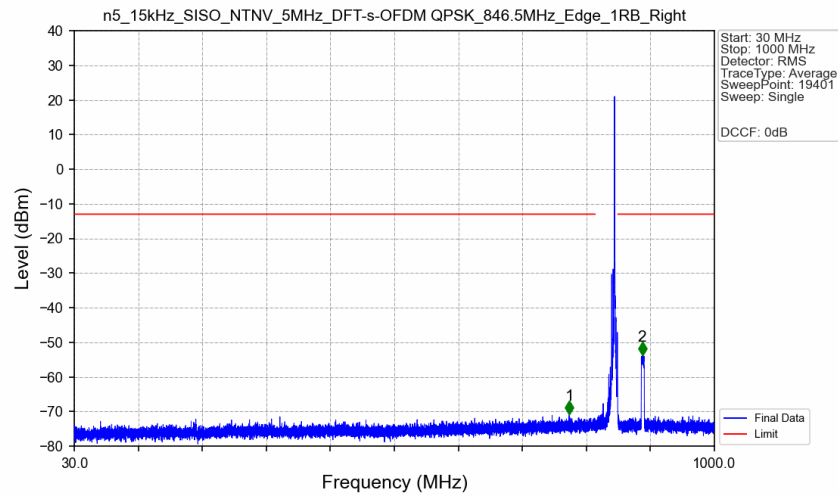


n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_846.5MHz_Edge_1RB_Right_Ant0



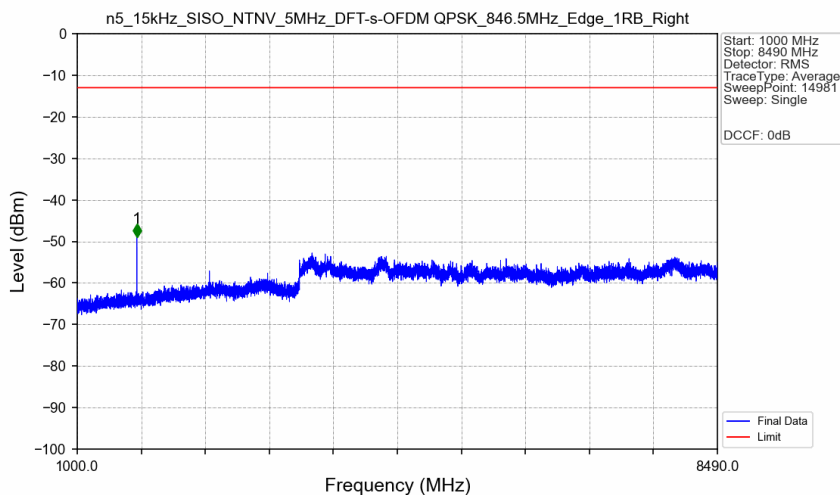
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.009	-24.98	-13	Pass
850	854	0.1	CHP	2	850.772	-43.20	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_846.5MHz_Edge_1RB_Right_Ant0



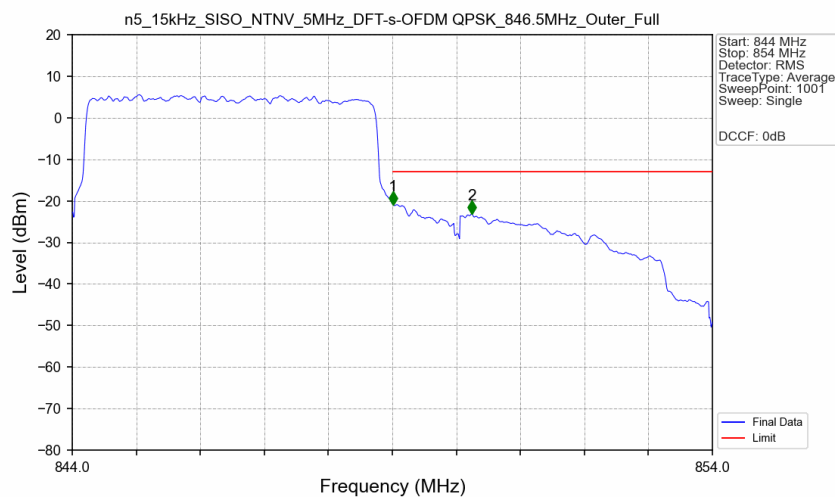
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	780.050	-70.82	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	890.550	-53.80	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_846.5MHz_Edge_1RB_Right_Ant0



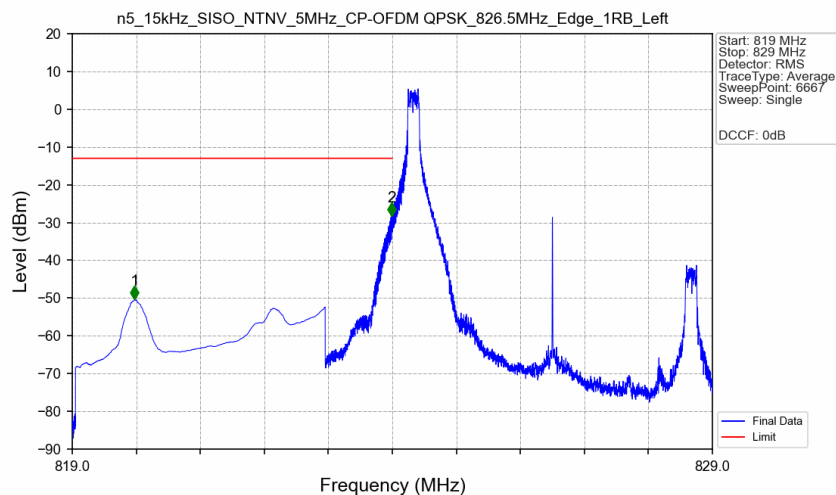
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1697.000	-48.96	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_846.5MHz_Outer_Full_Ant0



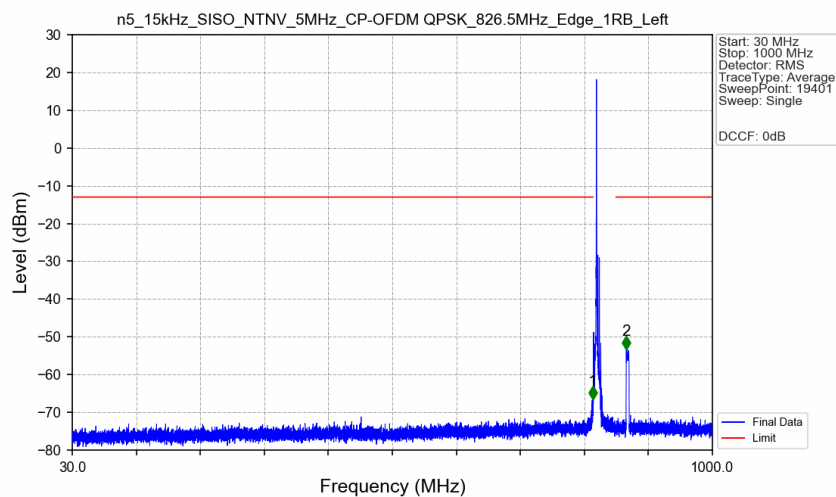
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.06395	CHP	/	/	/	/	/
849	850	0.06395	CHP	1	849.010	-20.85	-13	Pass
850	854	0.1	CHP	2	850.240	-23.11	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_826.5MHz_Edge_1RB_Left_Ant0



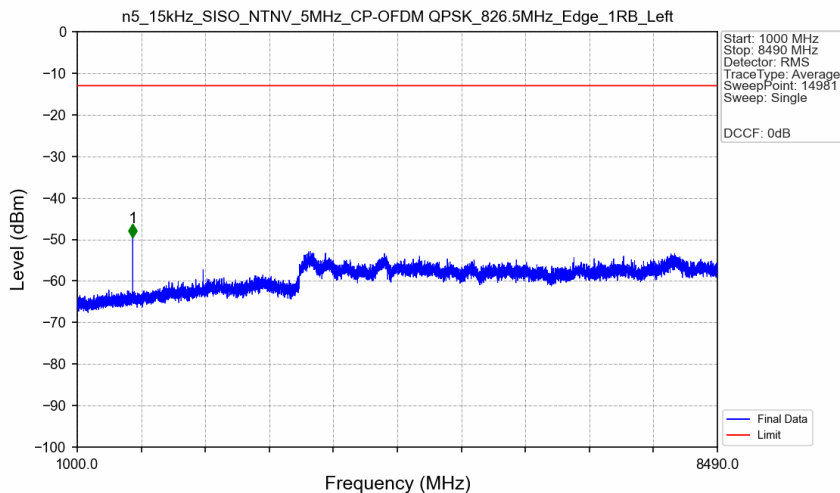
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	819.975	-50.32	-13	Pass
823	824	0.003	/	2	823.991	-28.23	-13	Pass
824	829	0.003	/	/	/	/	/	/

n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_826.5MHz_Edge_1RB_Left_Ant0



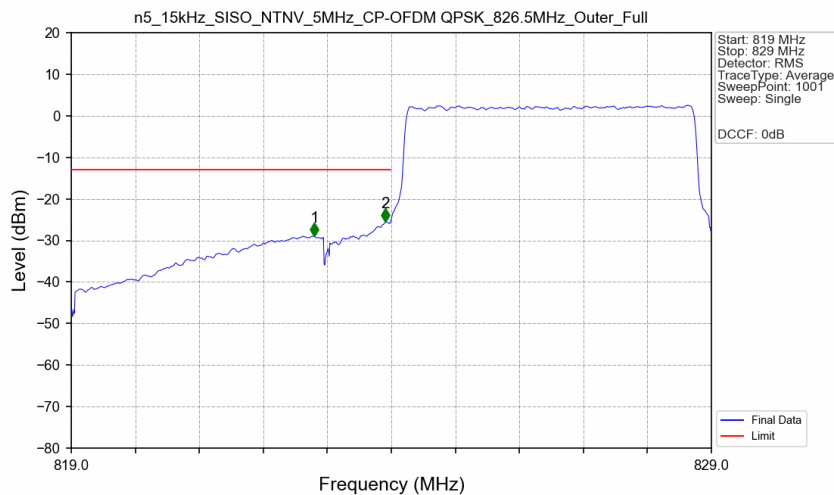
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.500	-66.43	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	869.550	-53.28	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_826.5MHz_Edge_1RB_Left_Ant0



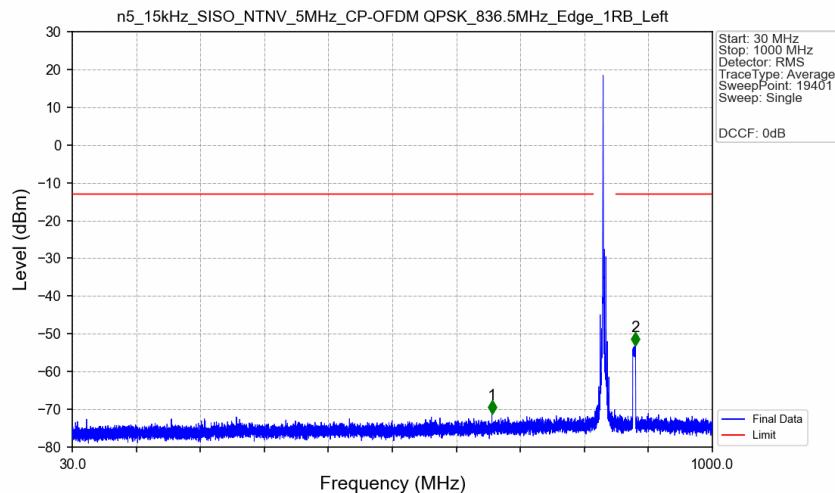
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1648.500	-49.40	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_826.5MHz_Outer_Full_Ant0

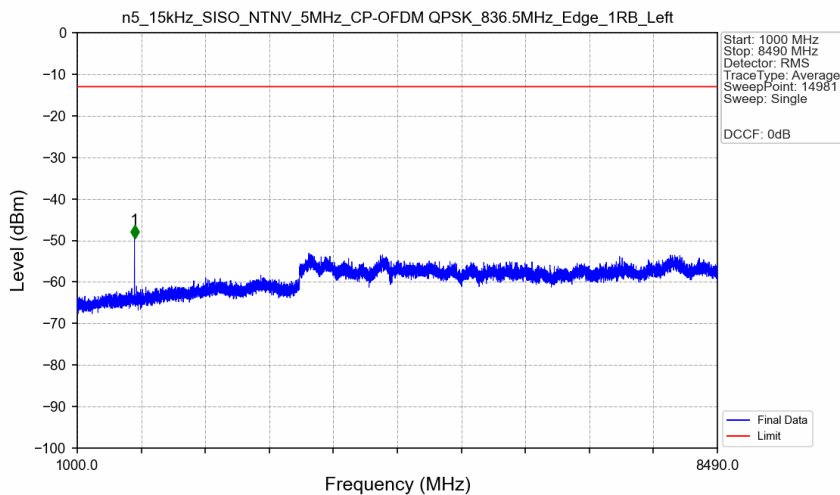


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.800	-28.97	-13	Pass
823	824	0.06395	CHP	2	823.910	-25.47	-13	Pass
824	829	0.06395	CHP	/	/	/	/	/

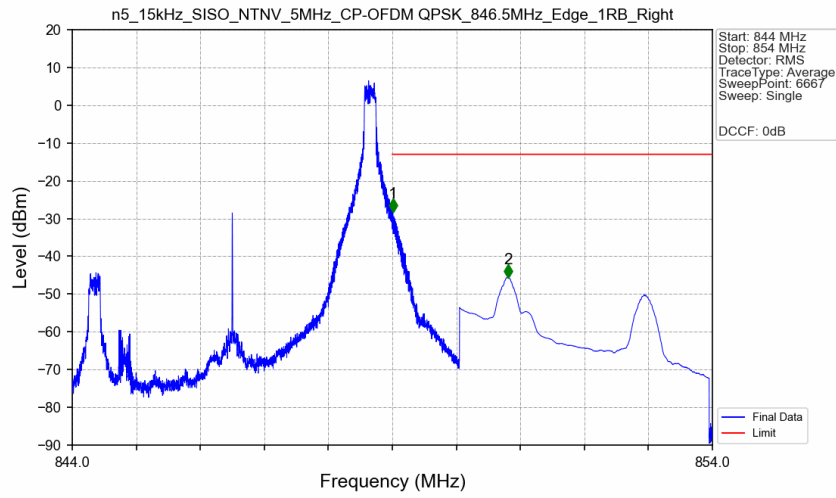
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_836.5MHz_Edge_1RB_Left_Ant0



n5_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_836.5MHz_Edge_1RB_Left_Ant0

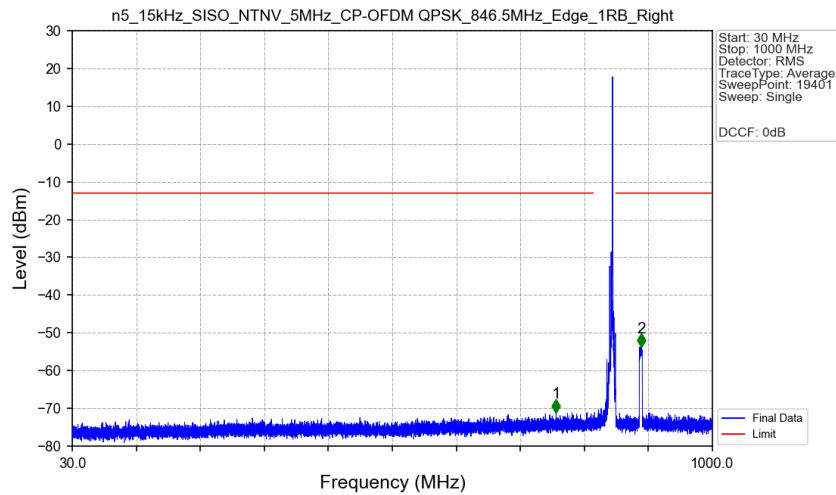


n5_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_846.5MHz_Edge_1RB_Right_Ant0



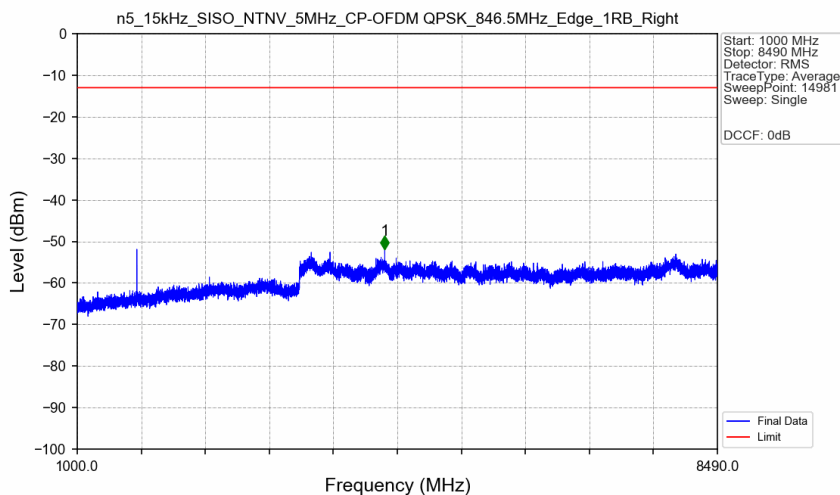
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.009	-28.29	-13	Pass
850	854	0.1	CHP	2	850.806	-45.59	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_846.5MHz_Edge_1RB_Right_Ant0

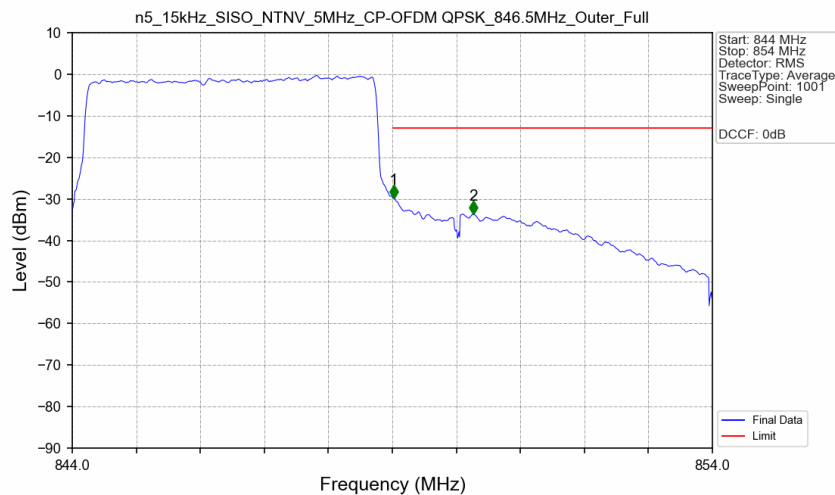


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	763.150	-71.03	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	892.300	-53.64	-13	Pass

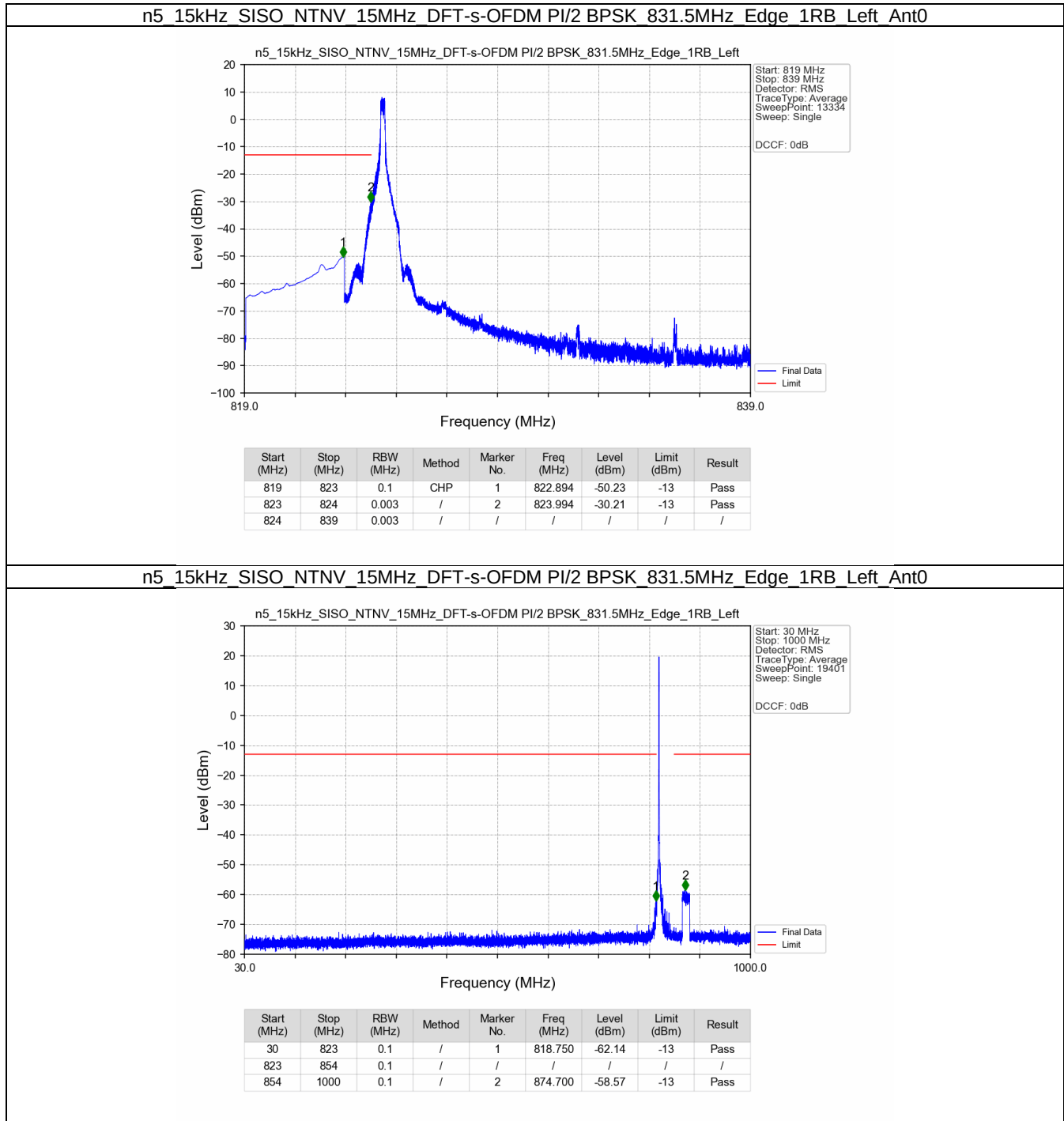
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_846.5MHz_Edge_1RB_Right_Ant0



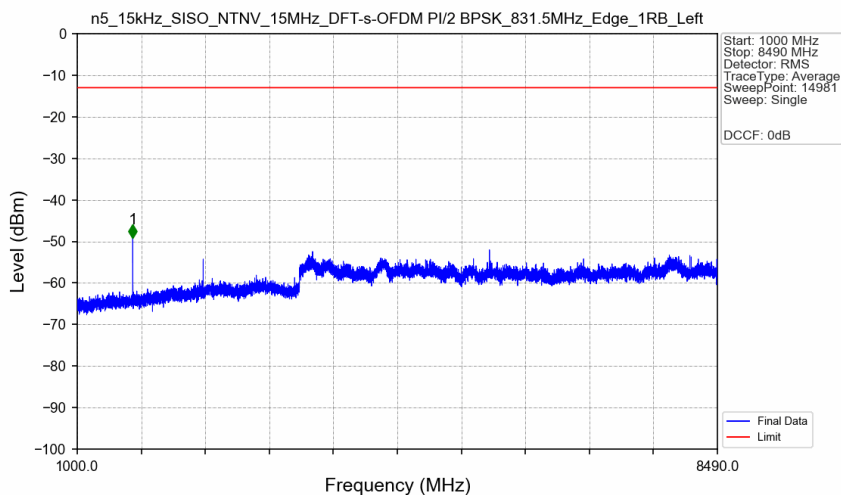
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_846.5MHz_Outer_Full_Ant0



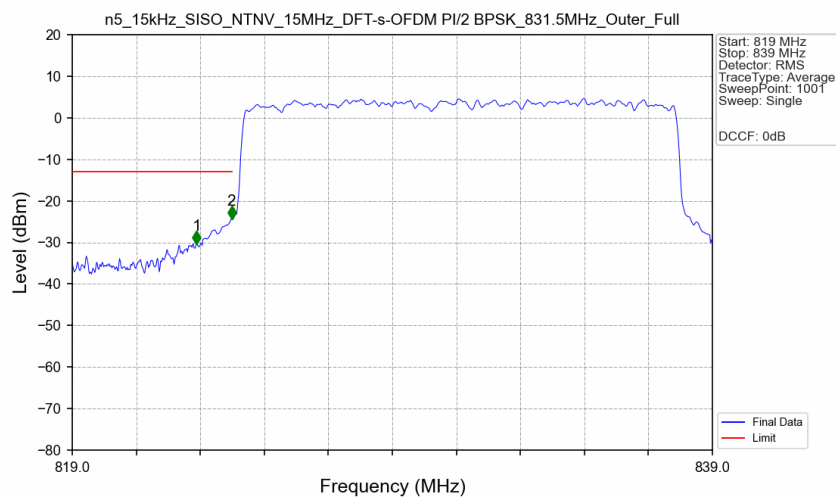
5.2.2 15_S_15M_NTNV



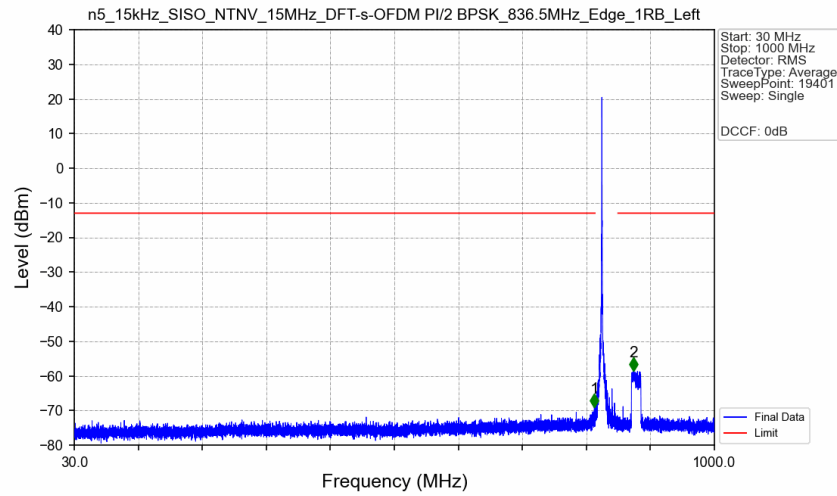
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_831.5MHz_Edge_1RB_Left_Ant0



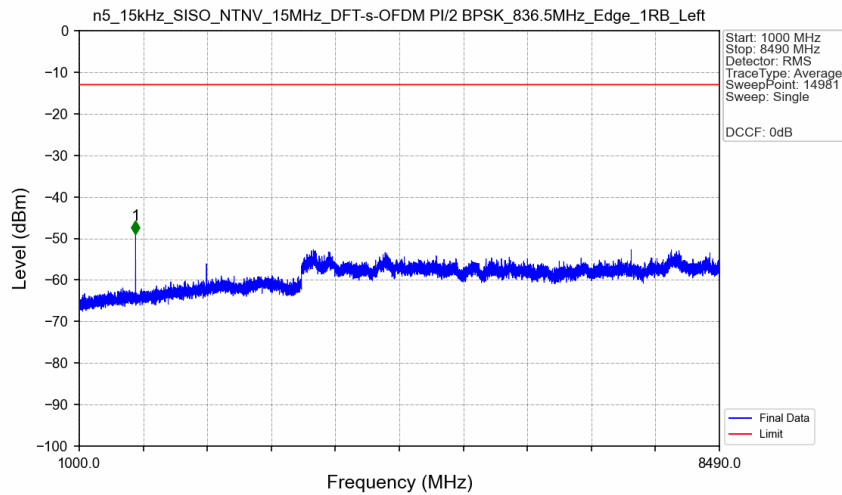
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_831.5MHz_Outer_Full_Ant0



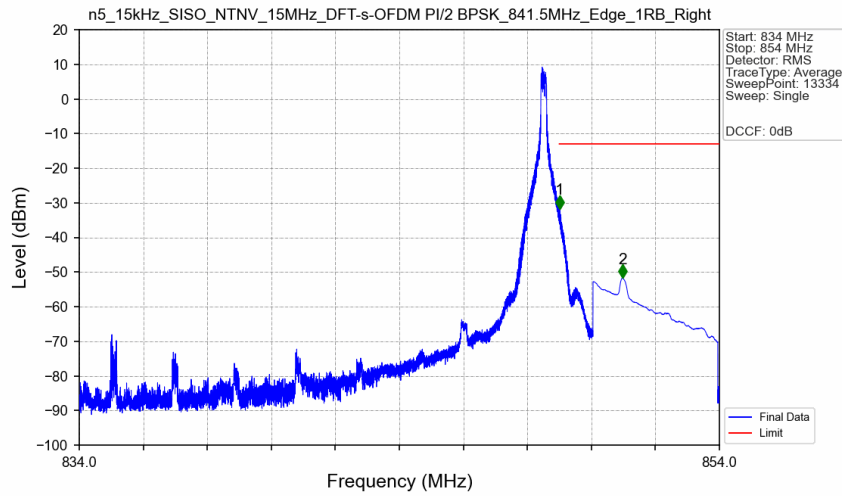
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_836.5MHz_Edge_1RB_Left_Ant0



n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_836.5MHz_Edge_1RB_Left_Ant0

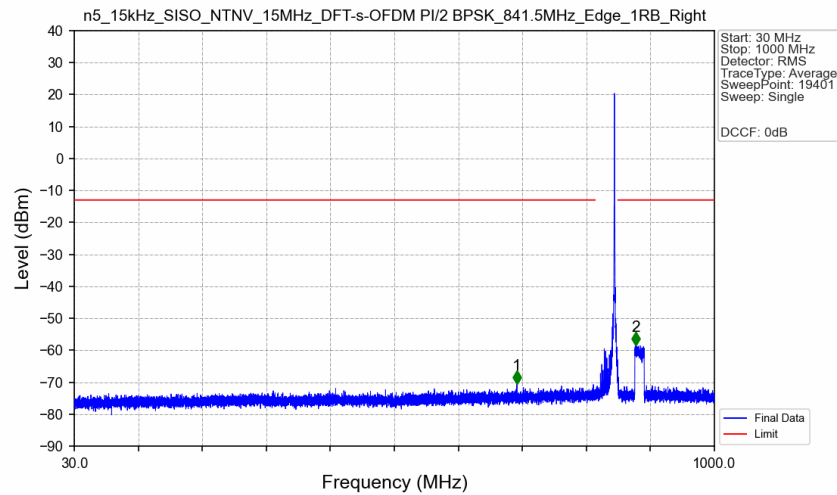


n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_841.5MHz_Edge_1RB_Right_Ant0



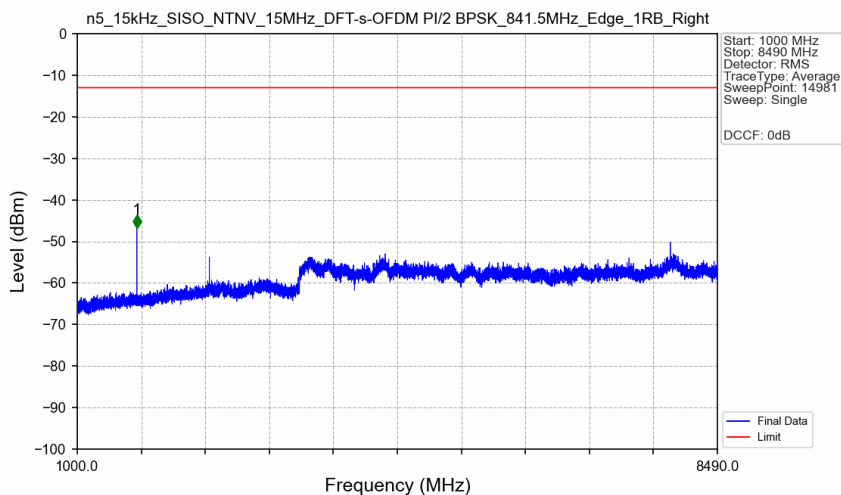
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.006	-31.63	-13	Pass
850	854	0.1	CHP	2	850.968	-51.62	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_841.5MHz_Edge_1RB_Right_Ant0



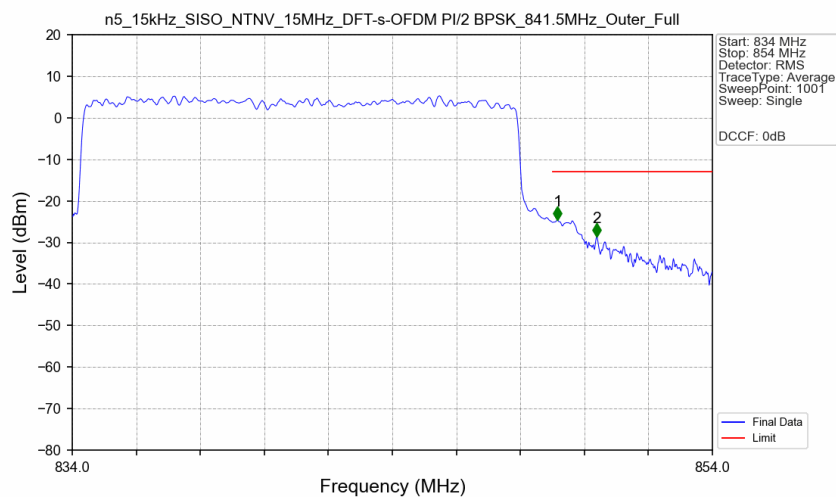
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	700.750	-70.56	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	880.450	-58.45	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_841.5MHz_Edge_1RB_Right_Ant0



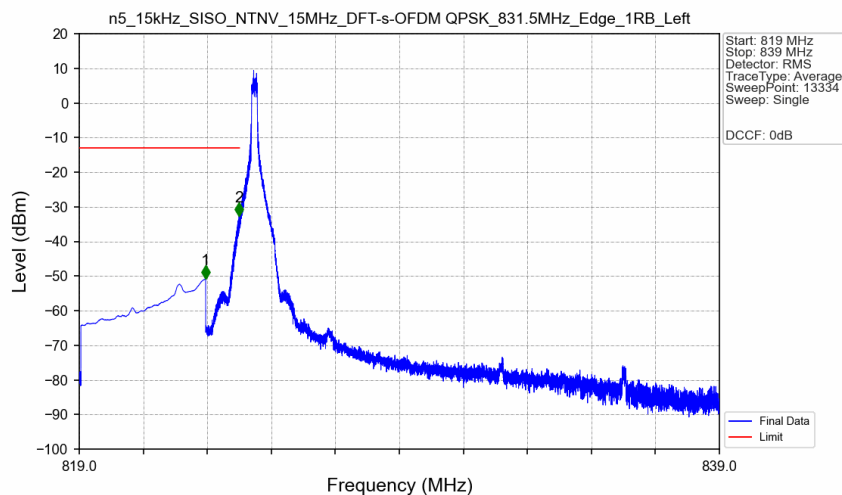
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1697.000	-46.82	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_841.5MHz_Outer_Full_Ant0



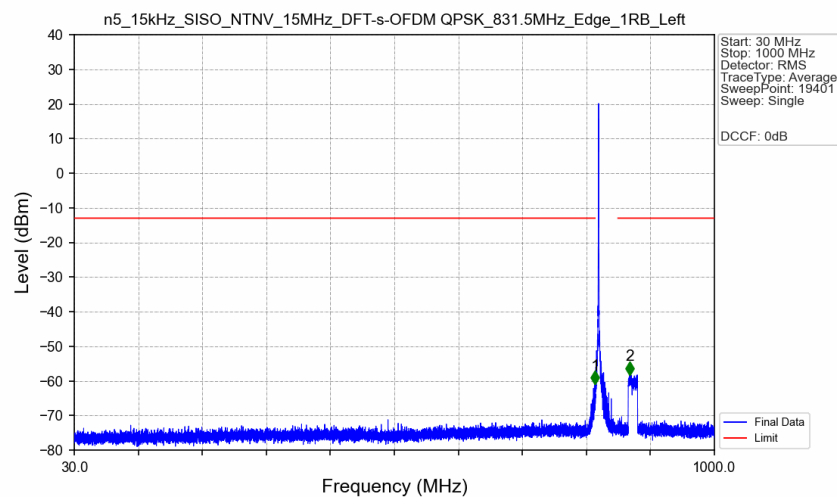
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.14699	CHP	/	/	/	/	/
849	850	0.14699	CHP	1	849.160	-24.60	-13	Pass
850	854	0.1	/	2	850.380	-28.57	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_831.5MHz_Edge_1RB_Left_Ant0



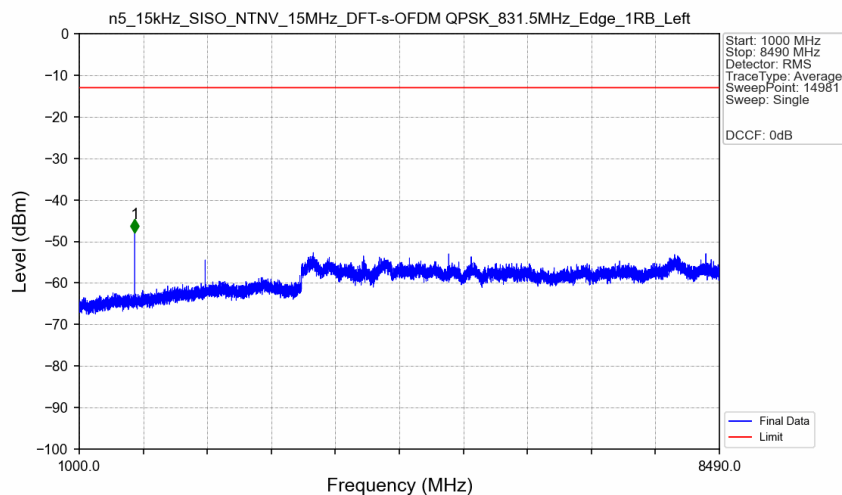
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.941	-50.75	-13	Pass
823	824	0.003	/	2	823.991	-32.58	-13	Pass
824	839	0.003	/	/	/	/	/	/

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_831.5MHz_Edge_1RB_Left_Ant0

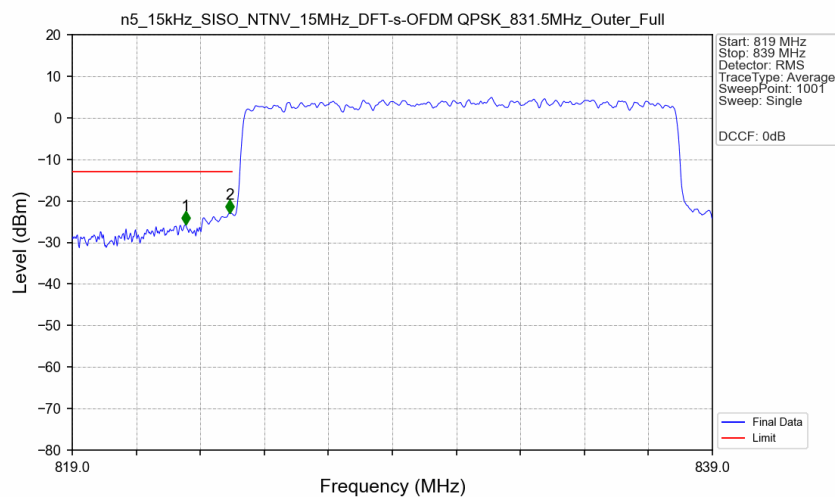


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.950	-60.98	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	871.600	-58.19	-13	Pass

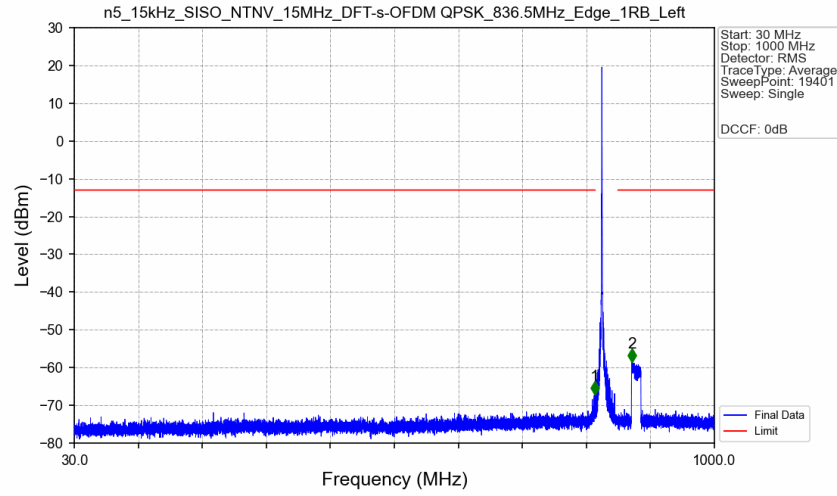
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_831.5MHz_Edge_1RB_Left_Ant0



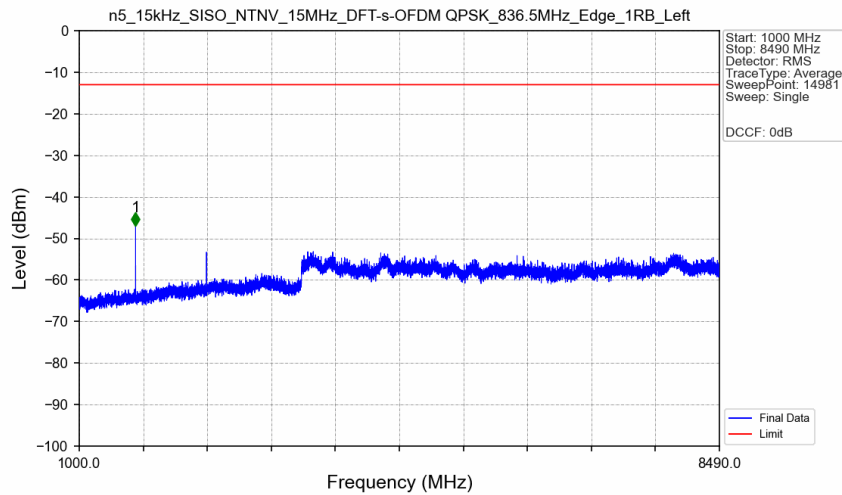
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_831.5MHz_Outer_Full_Ant0



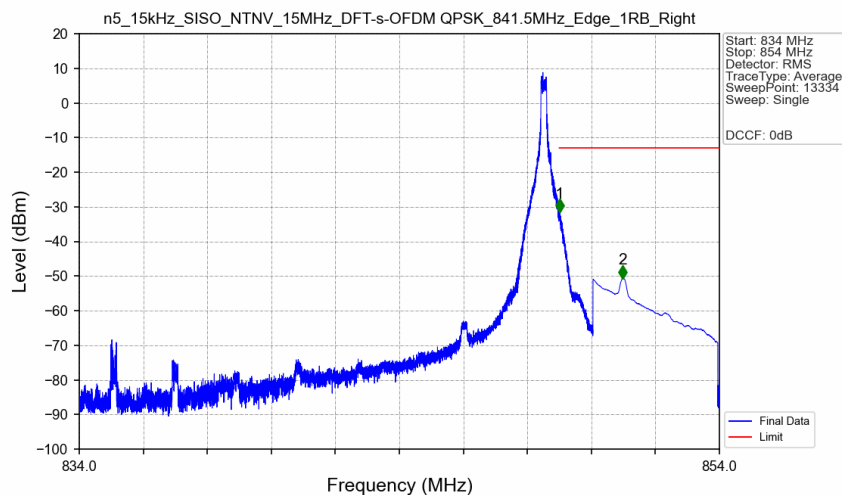
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant0



n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant0

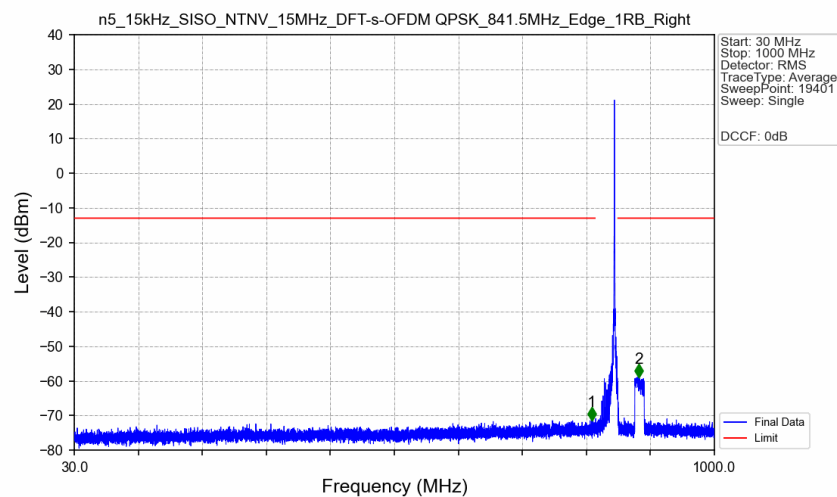


n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_841.5MHz_Edge_1RB_Right_Ant0



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.008	-31.52	-13	Pass
850	854	0.1	CHP	2	850.985	-50.65	-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
30	823	0.1	/	1	814.200	-71.43	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	885.000	-58.89	-13	Pass