

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 NTNv										
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	23.70	/	/	15.85	/	/	<=38.45	Pass
		Edge_1RB_Right	23.57	/	/	15.72	/	/	<=38.45	Pass
		Outer_Full	23.87	/	/	16.02	/	/	<=38.45	Pass
		Inner_Full	24.03	/	/	16.18	/	/	<=38.45	Pass
		Inner_1RB_Left	24.05	/	/	16.21	/	/	<=38.45	Pass
		Inner_1RB_Right	24.02	/	/	16.17	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	23.62	/	/	15.77	/	/	<=38.45	Pass
		Edge_1RB_Right	23.61	/	/	15.76	/	/	<=38.45	Pass
		Outer_Full	23.83	/	/	15.98	/	/	<=38.45	Pass
		Inner_Full	24.06	/	/	16.21	/	/	<=38.45	Pass
		Inner_1RB_Left	24.13	/	/	16.28	/	/	<=38.45	Pass
		Inner_1RB_Right	24.06	/	/	16.21	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	23.73	/	/	15.88	/	/	<=38.45	Pass
		Edge_1RB_Right	23.66	/	/	15.81	/	/	<=38.45	Pass
		Outer_Full	23.84	/	/	15.99	/	/	<=38.45	Pass
		Inner_Full	24.07	/	/	16.22	/	/	<=38.45	Pass
		Inner_1RB_Left	24.15	/	/	16.30	/	/	<=38.45	Pass
DFT-s-OFDM QPSK	826.5	Edge_1RB_Left	22.96	/	/	15.11	/	/	<=38.45	Pass
		Edge_1RB_Right	22.96	/	/	15.11	/	/	<=38.45	Pass
		Outer_Full	23.14	/	/	15.29	/	/	<=38.45	Pass
		Inner_Full	24.00	/	/	16.15	/	/	<=38.45	Pass
		Inner_1RB_Left	23.98	/	/	16.13	/	/	<=38.45	Pass
		Inner_1RB_Right	23.94	/	/	16.09	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	23.02	/	/	15.17	/	/	<=38.45	Pass
		Edge_1RB_Right	23.00	/	/	15.15	/	/	<=38.45	Pass
		Outer_Full	23.07	/	/	15.22	/	/	<=38.45	Pass
		Inner_Full	23.96	/	/	16.11	/	/	<=38.45	Pass
		Inner_1RB_Left	24.05	/	/	16.20	/	/	<=38.45	Pass
		Inner_1RB_Right	23.93	/	/	16.09	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	23.00	/	/	15.16	/	/	<=38.45	Pass
		Edge_1RB_Right	22.91	/	/	15.06	/	/	<=38.45	Pass
		Outer_Full	23.06	/	/	15.21	/	/	<=38.45	Pass
		Inner_Full	24.06	/	/	16.21	/	/	<=38.45	Pass
		Inner_1RB_Left	24.11	/	/	16.26	/	/	<=38.45	Pass
DFT-s-OFDM 16 QAM	826.5	Edge_1RB_Left	21.79	/	/	13.94	/	/	<=38.45	Pass
		Edge_1RB_Right	21.77	/	/	13.92	/	/	<=38.45	Pass
		Outer_Full	22.02	/	/	14.17	/	/	<=38.45	Pass
		Inner_Full	22.96	/	/	15.12	/	/	<=38.45	Pass
		Inner_1RB_Left	22.85	/	/	15.00	/	/	<=38.45	Pass
		Inner_1RB_Right	22.83	/	/	14.98	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.88	/	/	14.03	/	/	<=38.45	Pass
		Edge_1RB_Right	21.89	/	/	14.04	/	/	<=38.45	Pass
		Outer_Full	21.94	/	/	14.09	/	/	<=38.45	Pass
		Inner_Full	22.93	/	/	15.08	/	/	<=38.45	Pass
		Inner_1RB_Left	22.94	/	/	15.09	/	/	<=38.45	Pass
		Inner_1RB_Right	22.96	/	/	15.11	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	21.97	/	/	14.12	/	/	<=38.45	Pass
		Edge_1RB_Right	21.78	/	/	13.93	/	/	<=38.45	Pass
		Outer_Full	22.02	/	/	14.17	/	/	<=38.45	Pass
		Inner_Full	23.00	/	/	15.15	/	/	<=38.45	Pass
		Inner_1RB_Left	22.99	/	/	15.14	/	/	<=38.45	Pass
		Inner_1RB_Right	22.86	/	/	15.01	/	/	<=38.45	Pass

DFT-s-OFDM 64 QAM	826.5	Edge_1RB_Left	21.60	/	/	13.75	/	/	<=38.45	Pass
		Edge_1RB_Right	21.63	/	/	13.78	/	/	<=38.45	Pass
		Outer_Full	21.47	/	/	13.62	/	/	<=38.45	Pass
		Inner_Full	21.50	/	/	13.65	/	/	<=38.45	Pass
		Inner_1RB_Left	21.66	/	/	13.81	/	/	<=38.45	Pass
		Inner_1RB_Right	21.38	/	/	13.53	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.72	/	/	13.87	/	/	<=38.45	Pass
		Edge_1RB_Right	21.72	/	/	13.87	/	/	<=38.45	Pass
		Outer_Full	21.51	/	/	13.66	/	/	<=38.45	Pass
		Inner_Full	21.55	/	/	13.70	/	/	<=38.45	Pass
		Inner_1RB_Left	21.75	/	/	13.90	/	/	<=38.45	Pass
		Inner_1RB_Right	21.77	/	/	13.92	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	21.70	/	/	13.85	/	/	<=38.45	Pass
		Edge_1RB_Right	22.21	/	/	14.36	/	/	<=38.45	Pass
		Outer_Full	21.52	/	/	13.68	/	/	<=38.45	Pass
		Inner_Full	22.02	/	/	14.17	/	/	<=38.45	Pass
		Inner_1RB_Left	22.28	/	/	14.43	/	/	<=38.45	Pass
		Inner_1RB_Right	22.19	/	/	14.34	/	/	<=38.45	Pass
DFT-s-OFDM 256 QAM	826.5	Edge_1RB_Left	19.42	/	/	11.57	/	/	<=38.45	Pass
		Edge_1RB_Right	19.57	/	/	11.72	/	/	<=38.45	Pass
		Outer_Full	19.57	/	/	11.72	/	/	<=38.45	Pass
		Inner_Full	19.44	/	/	11.59	/	/	<=38.45	Pass
		Inner_1RB_Left	19.53	/	/	11.68	/	/	<=38.45	Pass
		Inner_1RB_Right	19.53	/	/	11.68	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	19.52	/	/	11.67	/	/	<=38.45	Pass
		Edge_1RB_Right	19.62	/	/	11.77	/	/	<=38.45	Pass
		Outer_Full	19.46	/	/	11.61	/	/	<=38.45	Pass
		Inner_Full	19.44	/	/	11.59	/	/	<=38.45	Pass
		Inner_1RB_Left	19.60	/	/	11.75	/	/	<=38.45	Pass
		Inner_1RB_Right	19.57	/	/	11.72	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	19.97	/	/	12.12	/	/	<=38.45	Pass
		Edge_1RB_Right	20.13	/	/	12.28	/	/	<=38.45	Pass
		Outer_Full	20.03	/	/	12.18	/	/	<=38.45	Pass
		Inner_Full	19.95	/	/	12.10	/	/	<=38.45	Pass
		Inner_1RB_Left	20.08	/	/	12.23	/	/	<=38.45	Pass
		Inner_1RB_Right	19.97	/	/	12.12	/	/	<=38.45	Pass
CP-OFDM QPSK	826.5	Edge_1RB_Left	21.06	/	/	13.21	/	/	<=38.45	Pass
		Edge_1RB_Right	21.06	/	/	13.21	/	/	<=38.45	Pass
		Outer_Full	21.14	/	/	13.29	/	/	<=38.45	Pass
		Inner_Full	22.44	/	/	14.59	/	/	<=38.45	Pass
		Inner_1RB_Left	22.55	/	/	14.70	/	/	<=38.45	Pass
		Inner_1RB_Right	22.52	/	/	14.67	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.05	/	/	13.20	/	/	<=38.45	Pass
		Edge_1RB_Right	21.15	/	/	13.30	/	/	<=38.45	Pass
		Outer_Full	21.06	/	/	13.21	/	/	<=38.45	Pass
		Inner_Full	22.48	/	/	14.64	/	/	<=38.45	Pass
		Inner_1RB_Left	22.61	/	/	14.76	/	/	<=38.45	Pass
		Inner_1RB_Right	22.63	/	/	14.78	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	21.63	/	/	13.78	/	/	<=38.45	Pass
		Edge_1RB_Right	21.59	/	/	13.74	/	/	<=38.45	Pass
		Outer_Full	21.58	/	/	13.73	/	/	<=38.45	Pass
		Inner_Full	22.91	/	/	15.06	/	/	<=38.45	Pass
		Inner_1RB_Left	22.79	/	/	14.94	/	/	<=38.45	Pass
		Inner_1RB_Right	22.92	/	/	15.07	/	/	<=38.45	Pass
CP-OFDM 16 QAM	826.5	Edge_1RB_Left	20.82	/	/	12.97	/	/	<=38.45	Pass
		Edge_1RB_Right	20.85	/	/	13.00	/	/	<=38.45	Pass
		Outer_Full	20.96	/	/	13.11	/	/	<=38.45	Pass
		Inner_Full	21.97	/	/	14.12	/	/	<=38.45	Pass
		Inner_1RB_Left	21.90	/	/	14.05	/	/	<=38.45	Pass
		Inner_1RB_Right	21.83	/	/	13.98	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	20.91	/	/	13.06	/	/	<=38.45	Pass
		Edge_1RB_Right	20.93	/	/	13.08	/	/	<=38.45	Pass
		Outer_Full	21.04	/	/	13.19	/	/	<=38.45	Pass
		Inner_Full	22.01	/	/	14.16	/	/	<=38.45	Pass

		Inner_1RB_Left	21.95	/	/	14.10	/	/	<=38.45	Pass
		Inner_1RB_Right	21.94	/	/	14.09	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	21.24	/	/	13.39	/	/	<=38.45	Pass
		Edge_1RB_Right	21.28	/	/	13.43	/	/	<=38.45	Pass
		Outer_Full	21.40	/	/	13.55	/	/	<=38.45	Pass
		Inner_Full	22.34	/	/	14.49	/	/	<=38.45	Pass
		Inner_1RB_Left	22.28	/	/	14.43	/	/	<=38.45	Pass
		Inner_1RB_Right	22.27	/	/	14.42	/	/	<=38.45	Pass
CP-OFDM 64 QAM	826.5	Edge_1RB_Left	20.51	/	/	12.66	/	/	<=38.45	Pass
		Edge_1RB_Right	20.52	/	/	12.67	/	/	<=38.45	Pass
		Outer_Full	20.51	/	/	12.66	/	/	<=38.45	Pass
		Inner_Full	20.37	/	/	12.52	/	/	<=38.45	Pass
		Inner_1RB_Left	20.63	/	/	12.78	/	/	<=38.45	Pass
		Inner_1RB_Right	20.64	/	/	12.79	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	20.63	/	/	12.78	/	/	<=38.45	Pass
		Edge_1RB_Right	20.70	/	/	12.85	/	/	<=38.45	Pass
		Outer_Full	20.53	/	/	12.68	/	/	<=38.45	Pass
		Inner_Full	20.45	/	/	12.60	/	/	<=38.45	Pass
		Inner_1RB_Left	20.68	/	/	12.83	/	/	<=38.45	Pass
		Inner_1RB_Right	20.71	/	/	12.86	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	21.04	/	/	13.19	/	/	<=38.45	Pass
		Edge_1RB_Right	20.94	/	/	13.09	/	/	<=38.45	Pass
		Outer_Full	20.86	/	/	13.01	/	/	<=38.45	Pass
		Inner_Full	20.80	/	/	12.95	/	/	<=38.45	Pass
		Inner_1RB_Left	20.96	/	/	13.11	/	/	<=38.45	Pass
		Inner_1RB_Right	21.01	/	/	13.16	/	/	<=38.45	Pass
CP-OFDM 256 QAM	826.5	Edge_1RB_Left	17.45	/	/	9.60	/	/	<=38.45	Pass
		Edge_1RB_Right	17.48	/	/	9.63	/	/	<=38.45	Pass
		Outer_Full	17.51	/	/	9.66	/	/	<=38.45	Pass
		Inner_Full	17.45	/	/	9.60	/	/	<=38.45	Pass
		Inner_1RB_Left	17.57	/	/	9.72	/	/	<=38.45	Pass
		Inner_1RB_Right	17.57	/	/	9.73	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	17.36	/	/	9.51	/	/	<=38.45	Pass
		Edge_1RB_Right	17.45	/	/	9.60	/	/	<=38.45	Pass
		Outer_Full	17.50	/	/	9.65	/	/	<=38.45	Pass
		Inner_Full	17.51	/	/	9.66	/	/	<=38.45	Pass
		Inner_1RB_Left	17.54	/	/	9.69	/	/	<=38.45	Pass
		Inner_1RB_Right	17.65	/	/	9.80	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	17.91	/	/	10.07	/	/	<=38.45	Pass
		Edge_1RB_Right	17.66	/	/	9.82	/	/	<=38.45	Pass
		Outer_Full	17.89	/	/	10.04	/	/	<=38.45	Pass
		Inner_Full	17.77	/	/	9.92	/	/	<=38.45	Pass
		Inner_1RB_Left	17.84	/	/	9.99	/	/	<=38.45	Pass
		Inner_1RB_Right	17.83	/	/	9.98	/	/	<=38.45	Pass
Note1: Antenna Gain: Ant0: -5.70dBi;										
Note2: ERP=Conducted Power+Antenna Gain-2.15										

1.1.2 15_S_10M_NTNV_ERP

5G NR n5 SCS=15kHz SISO 10MHz NTNv										
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	23.77	/	/	15.92	/	/	<=38.45	Pass
		Edge_1RB_Right	23.72	/	/	15.87	/	/	<=38.45	Pass
		Outer_Full	23.78	/	/	15.93	/	/	<=38.45	Pass
		Inner_Full	24.05	/	/	16.20	/	/	<=38.45	Pass
		Inner_1RB_Left	24.09	/	/	16.25	/	/	<=38.45	Pass
		Inner_1RB_Right	24.12	/	/	16.27	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	23.76	/	/	15.91	/	/	<=38.45	Pass
		Edge_1RB_Right	23.72	/	/	15.87	/	/	<=38.45	Pass
		Outer_Full	23.85	/	/	16.00	/	/	<=38.45	Pass
		Inner_Full	24.06	/	/	16.21	/	/	<=38.45	Pass

		Inner_1RB_Left	24.11	/	/	16.26	/	/	<=38.45	Pass
		Inner_1RB_Right	24.09	/	/	16.24	/	/	<=38.45	Pass
	844	Edge_1RB_Left	23.67	/	/	15.82	/	/	<=38.45	Pass
		Edge_1RB_Right	23.57	/	/	15.72	/	/	<=38.45	Pass
		Outer_Full	23.80	/	/	15.95	/	/	<=38.45	Pass
		Inner_Full	24.14	/	/	16.29	/	/	<=38.45	Pass
		Inner_1RB_Left	24.12	/	/	16.27	/	/	<=38.45	Pass
		Inner_1RB_Right	24.13	/	/	16.28	/	/	<=38.45	Pass
DFT-s-OFDM QPSK	829	Edge_1RB_Left	23.22	/	/	15.37	/	/	<=38.45	Pass
		Edge_1RB_Right	23.15	/	/	15.30	/	/	<=38.45	Pass
		Outer_Full	23.28	/	/	15.43	/	/	<=38.45	Pass
		Inner_Full	24.09	/	/	16.24	/	/	<=38.45	Pass
		Inner_1RB_Left	24.23	/	/	16.38	/	/	<=38.45	Pass
		Inner_1RB_Right	24.10	/	/	16.25	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	23.21	/	/	15.36	/	/	<=38.45	Pass
		Edge_1RB_Right	23.23	/	/	15.38	/	/	<=38.45	Pass
		Outer_Full	23.30	/	/	15.45	/	/	<=38.45	Pass
		Inner_Full	24.12	/	/	16.27	/	/	<=38.45	Pass
		Inner_1RB_Left	24.36	/	/	16.51	/	/	<=38.45	Pass
		Inner_1RB_Right	24.29	/	/	16.44	/	/	<=38.45	Pass
	844	Edge_1RB_Left	23.12	/	/	15.27	/	/	<=38.45	Pass
		Edge_1RB_Right	23.03	/	/	15.18	/	/	<=38.45	Pass
		Outer_Full	23.14	/	/	15.29	/	/	<=38.45	Pass
		Inner_Full	24.06	/	/	16.21	/	/	<=38.45	Pass
		Inner_1RB_Left	24.18	/	/	16.33	/	/	<=38.45	Pass
		Inner_1RB_Right	24.08	/	/	16.23	/	/	<=38.45	Pass
DFT-s-OFDM 16 QAM	829	Edge_1RB_Left	22.00	/	/	14.15	/	/	<=38.45	Pass
		Edge_1RB_Right	22.09	/	/	14.25	/	/	<=38.45	Pass
		Outer_Full	22.10	/	/	14.25	/	/	<=38.45	Pass
		Inner_Full	23.04	/	/	15.19	/	/	<=38.45	Pass
		Inner_1RB_Left	23.05	/	/	15.20	/	/	<=38.45	Pass
		Inner_1RB_Right	23.32	/	/	15.47	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	22.04	/	/	14.19	/	/	<=38.45	Pass
		Edge_1RB_Right	22.07	/	/	14.22	/	/	<=38.45	Pass
		Outer_Full	22.20	/	/	14.35	/	/	<=38.45	Pass
		Inner_Full	23.14	/	/	15.29	/	/	<=38.45	Pass
		Inner_1RB_Left	23.09	/	/	15.24	/	/	<=38.45	Pass
		Inner_1RB_Right	23.11	/	/	15.26	/	/	<=38.45	Pass
	844	Edge_1RB_Left	22.07	/	/	14.22	/	/	<=38.45	Pass
		Edge_1RB_Right	21.87	/	/	14.02	/	/	<=38.45	Pass
		Outer_Full	22.07	/	/	14.22	/	/	<=38.45	Pass
		Inner_Full	22.99	/	/	15.14	/	/	<=38.45	Pass
		Inner_1RB_Left	23.00	/	/	15.15	/	/	<=38.45	Pass
		Inner_1RB_Right	22.90	/	/	15.05	/	/	<=38.45	Pass
DFT-s-OFDM 64 QAM	829	Edge_1RB_Left	21.52	/	/	13.67	/	/	<=38.45	Pass
		Edge_1RB_Right	21.81	/	/	13.96	/	/	<=38.45	Pass
		Outer_Full	21.55	/	/	13.70	/	/	<=38.45	Pass
		Inner_Full	21.60	/	/	13.75	/	/	<=38.45	Pass
		Inner_1RB_Left	21.81	/	/	13.96	/	/	<=38.45	Pass
		Inner_1RB_Right	21.78	/	/	13.93	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.91	/	/	14.06	/	/	<=38.45	Pass
		Edge_1RB_Right	21.93	/	/	14.08	/	/	<=38.45	Pass
		Outer_Full	21.71	/	/	13.86	/	/	<=38.45	Pass
		Inner_Full	21.62	/	/	13.77	/	/	<=38.45	Pass
		Inner_1RB_Left	21.94	/	/	14.09	/	/	<=38.45	Pass
		Inner_1RB_Right	21.93	/	/	14.09	/	/	<=38.45	Pass
	844	Edge_1RB_Left	21.79	/	/	13.94	/	/	<=38.45	Pass
		Edge_1RB_Right	21.67	/	/	13.82	/	/	<=38.45	Pass
		Outer_Full	21.55	/	/	13.70	/	/	<=38.45	Pass
		Inner_Full	21.60	/	/	13.75	/	/	<=38.45	Pass
		Inner_1RB_Left	21.84	/	/	13.99	/	/	<=38.45	Pass
		Inner_1RB_Right	21.74	/	/	13.89	/	/	<=38.45	Pass
DFT-s-OFDM 256 QAM	829	Edge_1RB_Left	19.64	/	/	11.80	/	/	<=38.45	Pass
		Edge_1RB_Right	19.80	/	/	11.95	/	/	<=38.45	Pass

		Outer_Full	19.70	/	/	11.85	/	/	<=38.45	Pass
		Inner_Full	19.50	/	/	11.65	/	/	<=38.45	Pass
		Inner_1RB_Left	19.68	/	/	11.83	/	/	<=38.45	Pass
		Inner_1RB_Right	19.62	/	/	11.77	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	19.73	/	/	11.88	/	/	<=38.45	Pass
		Edge_1RB_Right	19.76	/	/	11.91	/	/	<=38.45	Pass
		Outer_Full	19.71	/	/	11.86	/	/	<=38.45	Pass
		Inner_Full	19.57	/	/	11.72	/	/	<=38.45	Pass
		Inner_1RB_Left	19.77	/	/	11.92	/	/	<=38.45	Pass
		Inner_1RB_Right	19.81	/	/	11.96	/	/	<=38.45	Pass
	844	Edge_1RB_Left	19.75	/	/	11.90	/	/	<=38.45	Pass
		Edge_1RB_Right	19.58	/	/	11.73	/	/	<=38.45	Pass
		Outer_Full	19.57	/	/	11.72	/	/	<=38.45	Pass
		Inner_Full	19.53	/	/	11.68	/	/	<=38.45	Pass
		Inner_1RB_Left	19.69	/	/	11.84	/	/	<=38.45	Pass
		Inner_1RB_Right	19.67	/	/	11.82	/	/	<=38.45	Pass
CP-OFDM QPSK		Edge_1RB_Left	21.22	/	/	13.37	/	/	<=38.45	Pass
		Edge_1RB_Right	21.22	/	/	13.37	/	/	<=38.45	Pass
	829	Outer_Full	21.16	/	/	13.32	/	/	<=38.45	Pass
		Inner_Full	22.59	/	/	14.74	/	/	<=38.45	Pass
		Inner_1RB_Left	22.73	/	/	14.88	/	/	<=38.45	Pass
		Inner_1RB_Right	22.71	/	/	14.86	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.34	/	/	13.49	/	/	<=38.45	Pass
		Edge_1RB_Right	21.36	/	/	13.51	/	/	<=38.45	Pass
		Outer_Full	21.27	/	/	13.42	/	/	<=38.45	Pass
		Inner_Full	22.66	/	/	14.81	/	/	<=38.45	Pass
		Inner_1RB_Left	22.81	/	/	14.96	/	/	<=38.45	Pass
		Inner_1RB_Right	22.69	/	/	14.84	/	/	<=38.45	Pass
	844	Edge_1RB_Left	21.23	/	/	13.39	/	/	<=38.45	Pass
		Edge_1RB_Right	21.10	/	/	13.25	/	/	<=38.45	Pass
		Outer_Full	21.23	/	/	13.38	/	/	<=38.45	Pass
		Inner_Full	22.61	/	/	14.76	/	/	<=38.45	Pass
CP-OFDM 16 QAM		Inner_1RB_Left	22.70	/	/	14.85	/	/	<=38.45	Pass
		Inner_1RB_Right	22.51	/	/	14.66	/	/	<=38.45	Pass
	829	Edge_1RB_Left	21.02	/	/	13.17	/	/	<=38.45	Pass
		Edge_1RB_Right	21.03	/	/	13.18	/	/	<=38.45	Pass
		Outer_Full	21.09	/	/	13.24	/	/	<=38.45	Pass
		Inner_Full	21.99	/	/	14.14	/	/	<=38.45	Pass
	836.5	Inner_1RB_Left	22.00	/	/	14.15	/	/	<=38.45	Pass
		Inner_1RB_Right	22.00	/	/	14.15	/	/	<=38.45	Pass
		Edge_1RB_Left	21.11	/	/	13.26	/	/	<=38.45	Pass
		Edge_1RB_Right	21.13	/	/	13.28	/	/	<=38.45	Pass
		Outer_Full	21.21	/	/	13.36	/	/	<=38.45	Pass
		Inner_Full	22.17	/	/	14.32	/	/	<=38.45	Pass
	844	Inner_1RB_Left	22.14	/	/	14.29	/	/	<=38.45	Pass
		Inner_1RB_Right	22.30	/	/	14.45	/	/	<=38.45	Pass
		Edge_1RB_Left	21.09	/	/	13.24	/	/	<=38.45	Pass
		Edge_1RB_Right	20.92	/	/	13.07	/	/	<=38.45	Pass
CP-OFDM 64 QAM		Outer_Full	21.09	/	/	13.24	/	/	<=38.45	Pass
		Inner_Full	22.06	/	/	14.21	/	/	<=38.45	Pass
		Inner_1RB_Left	22.02	/	/	14.17	/	/	<=38.45	Pass
		Inner_1RB_Right	21.94	/	/	14.09	/	/	<=38.45	Pass
	829	Edge_1RB_Left	20.76	/	/	12.91	/	/	<=38.45	Pass
		Edge_1RB_Right	20.71	/	/	12.86	/	/	<=38.45	Pass
		Outer_Full	20.58	/	/	12.73	/	/	<=38.45	Pass
		Inner_Full	20.52	/	/	12.67	/	/	<=38.45	Pass
	836.5	Inner_1RB_Left	20.73	/	/	12.88	/	/	<=38.45	Pass
		Inner_1RB_Right	20.73	/	/	12.88	/	/	<=38.45	Pass
		Edge_1RB_Left	20.79	/	/	12.94	/	/	<=38.45	Pass
		Edge_1RB_Right	20.81	/	/	12.96	/	/	<=38.45	Pass
		Outer_Full	20.68	/	/	12.83	/	/	<=38.45	Pass
		Inner_Full	20.60	/	/	12.75	/	/	<=38.45	Pass
		Inner_1RB_Left	20.89	/	/	13.04	/	/	<=38.45	Pass
		Inner_1RB_Right	20.86	/	/	13.01	/	/	<=38.45	Pass

	844	Edge_1RB_Left	20.74	/	/	12.89	/	/	<=38.45	Pass	
		Edge_1RB_Right	20.69	/	/	12.84	/	/	<=38.45	Pass	
		Outer_Full	20.56	/	/	12.71	/	/	<=38.45	Pass	
		Inner_Full	20.49	/	/	12.64	/	/	<=38.45	Pass	
		Inner_1RB_Left	20.78	/	/	12.93	/	/	<=38.45	Pass	
		Inner_1RB_Right	20.71	/	/	12.86	/	/	<=38.45	Pass	
CP-OFDM 256 QAM	829	Edge_1RB_Left	17.70	/	/	9.85	/	/	<=38.45	Pass	
		Edge_1RB_Right	17.64	/	/	9.79	/	/	<=38.45	Pass	
		Outer_Full	17.76	/	/	9.91	/	/	<=38.45	Pass	
		Inner_Full	17.49	/	/	9.64	/	/	<=38.45	Pass	
		Inner_1RB_Left	17.73	/	/	9.88	/	/	<=38.45	Pass	
		Inner_1RB_Right	17.51	/	/	9.66	/	/	<=38.45	Pass	
	836.5	Edge_1RB_Left	17.70	/	/	9.85	/	/	<=38.45	Pass	
		Edge_1RB_Right	17.68	/	/	9.83	/	/	<=38.45	Pass	
		Outer_Full	17.75	/	/	9.90	/	/	<=38.45	Pass	
		Inner_Full	17.60	/	/	9.75	/	/	<=38.45	Pass	
		Inner_1RB_Left	17.78	/	/	9.93	/	/	<=38.45	Pass	
		Inner_1RB_Right	17.80	/	/	9.95	/	/	<=38.45	Pass	
	844	Edge_1RB_Left	17.57	/	/	9.72	/	/	<=38.45	Pass	
		Edge_1RB_Right	17.53	/	/	9.68	/	/	<=38.45	Pass	
		Outer_Full	17.61	/	/	9.76	/	/	<=38.45	Pass	
		Inner_Full	17.58	/	/	9.73	/	/	<=38.45	Pass	
		Inner_1RB_Left	17.74	/	/	9.89	/	/	<=38.45	Pass	
		Inner_1RB_Right	17.71	/	/	9.86	/	/	<=38.45	Pass	
	Note1: Antenna Gain: Ant0: -5.70dBi;										
	Note2: ERP=Conducted Power+Antenna Gain-2.15										

1.1.3 15_S_15M_NTNV_ERP

5G NR n5 SCS=15kHz SISO 15MHz NTNv										
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	23.48	/	/	15.63	/	/	<=38.45	Pass
		Edge_1RB_Right	23.43	/	/	15.58	/	/	<=38.45	Pass
		Outer_Full	23.83	/	/	15.98	/	/	<=38.45	Pass
		Inner_Full	24.15	/	/	16.30	/	/	<=38.45	Pass
		Inner_1RB_Left	24.02	/	/	16.17	/	/	<=38.45	Pass
		Inner_1RB_Right	23.97	/	/	16.12	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	23.59	/	/	15.74	/	/	<=38.45	Pass
		Edge_1RB_Right	23.45	/	/	15.60	/	/	<=38.45	Pass
		Outer_Full	23.81	/	/	15.96	/	/	<=38.45	Pass
		Inner_Full	24.11	/	/	16.26	/	/	<=38.45	Pass
		Inner_1RB_Left	23.99	/	/	16.14	/	/	<=38.45	Pass
		Inner_1RB_Right	23.98	/	/	16.13	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	23.65	/	/	15.80	/	/	<=38.45	Pass
		Edge_1RB_Right	23.40	/	/	15.55	/	/	<=38.45	Pass
		Outer_Full	23.82	/	/	15.97	/	/	<=38.45	Pass
		Inner_Full	24.08	/	/	16.23	/	/	<=38.45	Pass
		Inner_1RB_Left	24.03	/	/	16.18	/	/	<=38.45	Pass
		Inner_1RB_Right	23.95	/	/	16.10	/	/	<=38.45	Pass
DFT-s-OFDM QPSK	831.5	Edge_1RB_Left	22.90	/	/	15.05	/	/	<=38.45	Pass
		Edge_1RB_Right	22.88	/	/	15.03	/	/	<=38.45	Pass
		Outer_Full	23.12	/	/	15.27	/	/	<=38.45	Pass
		Inner_Full	23.98	/	/	16.13	/	/	<=38.45	Pass
		Inner_1RB_Left	23.96	/	/	16.11	/	/	<=38.45	Pass
		Inner_1RB_Right	23.95	/	/	16.10	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	22.94	/	/	15.09	/	/	<=38.45	Pass
		Edge_1RB_Right	22.88	/	/	15.03	/	/	<=38.45	Pass
		Outer_Full	23.13	/	/	15.28	/	/	<=38.45	Pass
		Inner_Full	24.00	/	/	16.15	/	/	<=38.45	Pass
		Inner_1RB_Left	23.99	/	/	16.14	/	/	<=38.45	Pass
		Inner_1RB_Right	23.90	/	/	16.05	/	/	<=38.45	Pass

	841.5	Edge_1RB_Left	22.94	/	/	15.09	/	/	<=38.45	Pass
		Edge_1RB_Right	22.81	/	/	14.96	/	/	<=38.45	Pass
		Outer_Full	23.03	/	/	15.18	/	/	<=38.45	Pass
		Inner_Full	23.97	/	/	16.12	/	/	<=38.45	Pass
		Inner_1RB_Left	23.95	/	/	16.10	/	/	<=38.45	Pass
		Inner_1RB_Right	23.91	/	/	16.07	/	/	<=38.45	Pass
DFT-s-OFDM 16 QAM	831.5	Edge_1RB_Left	21.67	/	/	13.82	/	/	<=38.45	Pass
		Edge_1RB_Right	21.75	/	/	13.90	/	/	<=38.45	Pass
		Outer_Full	21.97	/	/	14.12	/	/	<=38.45	Pass
		Inner_Full	22.98	/	/	15.13	/	/	<=38.45	Pass
		Inner_1RB_Left	22.89	/	/	15.04	/	/	<=38.45	Pass
		Inner_1RB_Right	22.81	/	/	14.96	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.84	/	/	14.00	/	/	<=38.45	Pass
		Edge_1RB_Right	21.81	/	/	13.96	/	/	<=38.45	Pass
		Outer_Full	22.00	/	/	14.15	/	/	<=38.45	Pass
		Inner_Full	23.00	/	/	15.15	/	/	<=38.45	Pass
		Inner_1RB_Left	23.15	/	/	15.30	/	/	<=38.45	Pass
		Inner_1RB_Right	22.84	/	/	14.99	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	21.75	/	/	13.90	/	/	<=38.45	Pass
		Edge_1RB_Right	21.67	/	/	13.82	/	/	<=38.45	Pass
		Outer_Full	21.97	/	/	14.12	/	/	<=38.45	Pass
		Inner_Full	22.87	/	/	15.02	/	/	<=38.45	Pass
		Inner_1RB_Left	22.86	/	/	15.01	/	/	<=38.45	Pass
		Inner_1RB_Right	22.77	/	/	14.92	/	/	<=38.45	Pass
DFT-s-OFDM 64 QAM	831.5	Edge_1RB_Left	21.57	/	/	13.72	/	/	<=38.45	Pass
		Edge_1RB_Right	21.54	/	/	13.69	/	/	<=38.45	Pass
		Outer_Full	21.51	/	/	13.66	/	/	<=38.45	Pass
		Inner_Full	21.55	/	/	13.70	/	/	<=38.45	Pass
		Inner_1RB_Left	21.62	/	/	13.77	/	/	<=38.45	Pass
		Inner_1RB_Right	21.34	/	/	13.49	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.59	/	/	13.75	/	/	<=38.45	Pass
		Edge_1RB_Right	21.55	/	/	13.70	/	/	<=38.45	Pass
		Outer_Full	21.53	/	/	13.68	/	/	<=38.45	Pass
		Inner_Full	21.67	/	/	13.82	/	/	<=38.45	Pass
		Inner_1RB_Left	21.61	/	/	13.76	/	/	<=38.45	Pass
		Inner_1RB_Right	21.60	/	/	13.75	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	21.62	/	/	13.77	/	/	<=38.45	Pass
		Edge_1RB_Right	21.25	/	/	13.40	/	/	<=38.45	Pass
		Outer_Full	21.53	/	/	13.68	/	/	<=38.45	Pass
		Inner_Full	21.53	/	/	13.68	/	/	<=38.45	Pass
		Inner_1RB_Left	21.62	/	/	13.77	/	/	<=38.45	Pass
		Inner_1RB_Right	21.56	/	/	13.71	/	/	<=38.45	Pass
DFT-s-OFDM 256 QAM	831.5	Edge_1RB_Left	19.40	/	/	11.55	/	/	<=38.45	Pass
		Edge_1RB_Right	19.40	/	/	11.55	/	/	<=38.45	Pass
		Outer_Full	19.65	/	/	11.80	/	/	<=38.45	Pass
		Inner_Full	19.53	/	/	11.68	/	/	<=38.45	Pass
		Inner_1RB_Left	19.53	/	/	11.68	/	/	<=38.45	Pass
		Inner_1RB_Right	19.48	/	/	11.64	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	19.51	/	/	11.66	/	/	<=38.45	Pass
		Edge_1RB_Right	19.48	/	/	11.63	/	/	<=38.45	Pass
		Outer_Full	19.64	/	/	11.79	/	/	<=38.45	Pass
		Inner_Full	19.55	/	/	11.70	/	/	<=38.45	Pass
		Inner_1RB_Left	19.54	/	/	11.69	/	/	<=38.45	Pass
		Inner_1RB_Right	19.51	/	/	11.66	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	19.43	/	/	11.58	/	/	<=38.45	Pass
		Edge_1RB_Right	19.38	/	/	11.53	/	/	<=38.45	Pass
		Outer_Full	19.56	/	/	11.71	/	/	<=38.45	Pass
		Inner_Full	19.51	/	/	11.66	/	/	<=38.45	Pass
		Inner_1RB_Left	19.50	/	/	11.65	/	/	<=38.45	Pass
		Inner_1RB_Right	19.47	/	/	11.62	/	/	<=38.45	Pass
CP-OFDM QPSK	831.5	Edge_1RB_Left	21.08	/	/	13.23	/	/	<=38.45	Pass
		Edge_1RB_Right	21.04	/	/	13.19	/	/	<=38.45	Pass
		Outer_Full	21.14	/	/	13.29	/	/	<=38.45	Pass
		Inner_Full	22.49	/	/	14.64	/	/	<=38.45	Pass

		Inner_1RB_Left	22.57	/	/	14.72	/	/	<=38.45	Pass
		Inner_1RB_Right	22.52	/	/	14.67	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.01	/	/	13.16	/	/	<=38.45	Pass
		Edge_1RB_Right	20.98	/	/	13.13	/	/	<=38.45	Pass
		Outer_Full	21.09	/	/	13.24	/	/	<=38.45	Pass
		Inner_Full	22.57	/	/	14.72	/	/	<=38.45	Pass
		Inner_1RB_Left	22.52	/	/	14.67	/	/	<=38.45	Pass
		Inner_1RB_Right	22.50	/	/	14.65	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	20.98	/	/	13.13	/	/	<=38.45	Pass
		Edge_1RB_Right	20.87	/	/	13.02	/	/	<=38.45	Pass
		Outer_Full	21.10	/	/	13.25	/	/	<=38.45	Pass
		Inner_Full	22.51	/	/	14.66	/	/	<=38.45	Pass
		Inner_1RB_Left	22.54	/	/	14.69	/	/	<=38.45	Pass
		Inner_1RB_Right	22.36	/	/	14.51	/	/	<=38.45	Pass
CP-OFDM 16 QAM	831.5	Edge_1RB_Left	20.85	/	/	13.00	/	/	<=38.45	Pass
		Edge_1RB_Right	20.82	/	/	12.97	/	/	<=38.45	Pass
		Outer_Full	21.09	/	/	13.24	/	/	<=38.45	Pass
		Inner_Full	21.94	/	/	14.09	/	/	<=38.45	Pass
		Inner_1RB_Left	21.85	/	/	14.00	/	/	<=38.45	Pass
		Inner_1RB_Right	21.82	/	/	13.98	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	20.85	/	/	13.00	/	/	<=38.45	Pass
		Edge_1RB_Right	20.76	/	/	12.91	/	/	<=38.45	Pass
		Outer_Full	21.10	/	/	13.25	/	/	<=38.45	Pass
		Inner_Full	22.10	/	/	14.25	/	/	<=38.45	Pass
		Inner_1RB_Left	21.89	/	/	14.04	/	/	<=38.45	Pass
		Inner_1RB_Right	21.83	/	/	13.98	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	20.89	/	/	13.04	/	/	<=38.45	Pass
		Edge_1RB_Right	20.70	/	/	12.85	/	/	<=38.45	Pass
		Outer_Full	21.04	/	/	13.19	/	/	<=38.45	Pass
		Inner_Full	21.98	/	/	14.13	/	/	<=38.45	Pass
		Inner_1RB_Left	21.84	/	/	13.99	/	/	<=38.45	Pass
		Inner_1RB_Right	21.78	/	/	13.93	/	/	<=38.45	Pass
CP-OFDM 64 QAM	831.5	Edge_1RB_Left	20.48	/	/	12.63	/	/	<=38.45	Pass
		Edge_1RB_Right	20.52	/	/	12.67	/	/	<=38.45	Pass
		Outer_Full	20.52	/	/	12.67	/	/	<=38.45	Pass
		Inner_Full	20.59	/	/	12.74	/	/	<=38.45	Pass
		Inner_1RB_Left	20.59	/	/	12.74	/	/	<=38.45	Pass
		Inner_1RB_Right	20.59	/	/	12.74	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	20.53	/	/	12.68	/	/	<=38.45	Pass
		Edge_1RB_Right	20.52	/	/	12.67	/	/	<=38.45	Pass
		Outer_Full	20.54	/	/	12.69	/	/	<=38.45	Pass
		Inner_Full	20.57	/	/	12.72	/	/	<=38.45	Pass
		Inner_1RB_Left	20.60	/	/	12.75	/	/	<=38.45	Pass
		Inner_1RB_Right	20.62	/	/	12.77	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	20.57	/	/	12.72	/	/	<=38.45	Pass
		Edge_1RB_Right	20.46	/	/	12.61	/	/	<=38.45	Pass
		Outer_Full	20.55	/	/	12.70	/	/	<=38.45	Pass
		Inner_Full	20.68	/	/	12.83	/	/	<=38.45	Pass
		Inner_1RB_Left	20.61	/	/	12.76	/	/	<=38.45	Pass
		Inner_1RB_Right	20.53	/	/	12.68	/	/	<=38.45	Pass
CP-OFDM 256 QAM	831.5	Edge_1RB_Left	17.49	/	/	9.64	/	/	<=38.45	Pass
		Edge_1RB_Right	17.49	/	/	9.64	/	/	<=38.45	Pass
		Outer_Full	17.63	/	/	9.78	/	/	<=38.45	Pass
		Inner_Full	17.62	/	/	9.77	/	/	<=38.45	Pass
		Inner_1RB_Left	17.57	/	/	9.72	/	/	<=38.45	Pass
		Inner_1RB_Right	17.57	/	/	9.72	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	17.45	/	/	9.60	/	/	<=38.45	Pass
		Edge_1RB_Right	17.45	/	/	9.60	/	/	<=38.45	Pass
		Outer_Full	17.65	/	/	9.80	/	/	<=38.45	Pass
		Inner_Full	17.58	/	/	9.73	/	/	<=38.45	Pass
		Inner_1RB_Left	17.51	/	/	9.66	/	/	<=38.45	Pass
		Inner_1RB_Right	17.58	/	/	9.73	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	17.45	/	/	9.60	/	/	<=38.45	Pass
		Edge_1RB_Right	17.36	/	/	9.51	/	/	<=38.45	Pass

		Outer_Full	17.58	/	/	9.73	/	/	<=38.45	Pass
		Inner_Full	17.62	/	/	9.77	/	/	<=38.45	Pass
		Inner_1RB_Left	17.36	/	/	9.51	/	/	<=38.45	Pass
		Inner_1RB_Right	17.45	/	/	9.60	/	/	<=38.45	Pass
Note1: Antenna Gain: Ant0: -5.70dBi; 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	23.59	/	/	15.74	/	/	<=38.45	Pass
		Edge_1RB_Right	23.48	/	/	15.63	/	/	<=38.45	Pass
		Outer_Full	23.81	/	/	15.96	/	/	<=38.45	Pass
		Inner_Full	24.13	/	/	16.28	/	/	<=38.45	Pass
		Inner_1RB_Left	24.04	/	/	16.19	/	/	<=38.45	Pass
		Inner_1RB_Right	23.99	/	/	16.14	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	23.57	/	/	15.72	/	/	<=38.45	Pass
		Edge_1RB_Right	23.48	/	/	15.63	/	/	<=38.45	Pass
		Outer_Full	23.75	/	/	15.91	/	/	<=38.45	Pass
		Inner_Full	24.11	/	/	16.26	/	/	<=38.45	Pass
		Inner_1RB_Left	23.99	/	/	16.14	/	/	<=38.45	Pass
		Inner_1RB_Right	23.95	/	/	16.10	/	/	<=38.45	Pass
	839	Edge_1RB_Left	23.67	/	/	15.82	/	/	<=38.45	Pass
		Edge_1RB_Right	23.50	/	/	15.65	/	/	<=38.45	Pass
		Outer_Full	23.79	/	/	15.94	/	/	<=38.45	Pass
		Inner_Full	24.14	/	/	16.29	/	/	<=38.45	Pass
		Inner_1RB_Left	23.96	/	/	16.11	/	/	<=38.45	Pass
		Inner_1RB_Right	23.93	/	/	16.08	/	/	<=38.45	Pass
DFT-s-OFDM QPSK	834	Edge_1RB_Left	22.91	/	/	15.06	/	/	<=38.45	Pass
		Edge_1RB_Right	22.85	/	/	15.00	/	/	<=38.45	Pass
		Outer_Full	23.07	/	/	15.22	/	/	<=38.45	Pass
		Inner_Full	24.08	/	/	16.23	/	/	<=38.45	Pass
		Inner_1RB_Left	23.95	/	/	16.10	/	/	<=38.45	Pass
		Inner_1RB_Right	23.84	/	/	15.99	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	22.95	/	/	15.10	/	/	<=38.45	Pass
		Edge_1RB_Right	22.91	/	/	15.07	/	/	<=38.45	Pass
		Outer_Full	23.08	/	/	15.23	/	/	<=38.45	Pass
		Inner_Full	24.03	/	/	16.18	/	/	<=38.45	Pass
		Inner_1RB_Left	23.88	/	/	16.03	/	/	<=38.45	Pass
		Inner_1RB_Right	23.89	/	/	16.05	/	/	<=38.45	Pass
	839	Edge_1RB_Left	22.91	/	/	15.06	/	/	<=38.45	Pass
		Edge_1RB_Right	22.82	/	/	14.98	/	/	<=38.45	Pass
		Outer_Full	23.13	/	/	15.28	/	/	<=38.45	Pass
		Inner_Full	23.99	/	/	16.14	/	/	<=38.45	Pass
		Inner_1RB_Left	23.98	/	/	16.13	/	/	<=38.45	Pass
		Inner_1RB_Right	23.94	/	/	16.09	/	/	<=38.45	Pass
DFT-s-OFDM 16 QAM	834	Edge_1RB_Left	21.79	/	/	13.94	/	/	<=38.45	Pass
		Edge_1RB_Right	21.78	/	/	13.93	/	/	<=38.45	Pass
		Outer_Full	21.94	/	/	14.09	/	/	<=38.45	Pass
		Inner_Full	22.99	/	/	15.14	/	/	<=38.45	Pass
		Inner_1RB_Left	22.77	/	/	14.92	/	/	<=38.45	Pass
		Inner_1RB_Right	22.80	/	/	14.95	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.77	/	/	13.93	/	/	<=38.45	Pass
		Edge_1RB_Right	21.72	/	/	13.87	/	/	<=38.45	Pass
		Outer_Full	22.05	/	/	14.20	/	/	<=38.45	Pass
		Inner_Full	23.02	/	/	15.17	/	/	<=38.45	Pass
		Inner_1RB_Left	23.04	/	/	15.19	/	/	<=38.45	Pass
		Inner_1RB_Right	22.74	/	/	14.89	/	/	<=38.45	Pass
	839	Edge_1RB_Left	21.76	/	/	13.91	/	/	<=38.45	Pass
		Edge_1RB_Right	21.66	/	/	13.81	/	/	<=38.45	Pass

DFT-s-OFDM 64 QAM		Outer_Full	21.91	/	/	14.06	/	/	<=38.45	Pass
		Inner_Full	23.02	/	/	15.17	/	/	<=38.45	Pass
		Inner_1RB_Left	23.09	/	/	15.24	/	/	<=38.45	Pass
		Inner_1RB_Right	22.75	/	/	14.91	/	/	<=38.45	Pass
	834	Edge_1RB_Left	21.58	/	/	13.73	/	/	<=38.45	Pass
		Edge_1RB_Right	21.56	/	/	13.71	/	/	<=38.45	Pass
		Outer_Full	21.50	/	/	13.65	/	/	<=38.45	Pass
		Inner_Full	21.57	/	/	13.72	/	/	<=38.45	Pass
	836.5	Inner_1RB_Left	21.59	/	/	13.74	/	/	<=38.45	Pass
		Inner_1RB_Right	21.56	/	/	13.71	/	/	<=38.45	Pass
		Edge_1RB_Left	21.51	/	/	13.66	/	/	<=38.45	Pass
		Edge_1RB_Right	21.61	/	/	13.76	/	/	<=38.45	Pass
DFT-s-OFDM 256 QAM	834	Outer_Full	21.39	/	/	13.55	/	/	<=38.45	Pass
		Inner_Full	21.47	/	/	13.62	/	/	<=38.45	Pass
		Inner_1RB_Left	21.58	/	/	13.73	/	/	<=38.45	Pass
		Inner_1RB_Right	21.65	/	/	13.80	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.32	/	/	13.47	/	/	<=38.45	Pass
		Edge_1RB_Right	21.47	/	/	13.62	/	/	<=38.45	Pass
		Outer_Full	21.45	/	/	13.60	/	/	<=38.45	Pass
		Inner_Full	21.46	/	/	13.61	/	/	<=38.45	Pass
	839	Inner_1RB_Left	21.55	/	/	13.70	/	/	<=38.45	Pass
		Inner_1RB_Right	21.57	/	/	13.72	/	/	<=38.45	Pass
		Edge_1RB_Left	19.51	/	/	11.66	/	/	<=38.45	Pass
		Edge_1RB_Right	19.52	/	/	11.67	/	/	<=38.45	Pass
	834	Outer_Full	19.55	/	/	11.70	/	/	<=38.45	Pass
		Inner_Full	19.55	/	/	11.70	/	/	<=38.45	Pass
		Inner_1RB_Left	19.43	/	/	11.58	/	/	<=38.45	Pass
		Inner_1RB_Right	19.46	/	/	11.61	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	19.42	/	/	11.57	/	/	<=38.45	Pass
		Edge_1RB_Right	19.43	/	/	11.58	/	/	<=38.45	Pass
		Outer_Full	19.47	/	/	11.62	/	/	<=38.45	Pass
		Inner_Full	19.59	/	/	11.74	/	/	<=38.45	Pass
	839	Inner_1RB_Left	19.42	/	/	11.57	/	/	<=38.45	Pass
		Inner_1RB_Right	19.56	/	/	11.71	/	/	<=38.45	Pass
		Edge_1RB_Left	19.46	/	/	11.61	/	/	<=38.45	Pass
		Edge_1RB_Right	19.42	/	/	11.57	/	/	<=38.45	Pass
CP-OFDM QPSK	834	Outer_Full	19.46	/	/	11.61	/	/	<=38.45	Pass
		Inner_Full	19.52	/	/	11.67	/	/	<=38.45	Pass
		Inner_1RB_Left	19.42	/	/	11.57	/	/	<=38.45	Pass
		Inner_1RB_Right	19.45	/	/	11.60	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.05	/	/	13.20	/	/	<=38.45	Pass
		Edge_1RB_Right	21.12	/	/	13.27	/	/	<=38.45	Pass
		Outer_Full	21.05	/	/	13.20	/	/	<=38.45	Pass
		Inner_Full	22.52	/	/	14.67	/	/	<=38.45	Pass
	839	Inner_1RB_Left	22.58	/	/	14.73	/	/	<=38.45	Pass
		Inner_1RB_Right	22.41	/	/	14.56	/	/	<=38.45	Pass
		Edge_1RB_Left	21.07	/	/	13.22	/	/	<=38.45	Pass
		Edge_1RB_Right	21.03	/	/	13.18	/	/	<=38.45	Pass
CP-OFDM 16 QAM	834	Outer_Full	21.07	/	/	13.22	/	/	<=38.45	Pass
		Inner_Full	22.51	/	/	14.66	/	/	<=38.45	Pass
		Inner_1RB_Left	22.43	/	/	14.58	/	/	<=38.45	Pass
		Inner_1RB_Right	22.48	/	/	14.63	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.05	/	/	13.20	/	/	<=38.45	Pass
		Edge_1RB_Right	21.01	/	/	13.16	/	/	<=38.45	Pass
		Outer_Full	20.97	/	/	13.12	/	/	<=38.45	Pass
		Inner_Full	22.49	/	/	14.64	/	/	<=38.45	Pass
	839	Inner_1RB_Left	22.50	/	/	14.65	/	/	<=38.45	Pass
		Inner_1RB_Right	22.40	/	/	14.55	/	/	<=38.45	Pass
		Edge_1RB_Left	20.97	/	/	13.12	/	/	<=38.45	Pass
		Edge_1RB_Right	20.83	/	/	12.98	/	/	<=38.45	Pass
	834	Outer_Full	20.98	/	/	13.13	/	/	<=38.45	Pass
		Inner_Full	22.03	/	/	14.18	/	/	<=38.45	Pass
		Inner_1RB_Left	21.70	/	/	13.85	/	/	<=38.45	Pass
		Inner_1RB_Right	21.83	/	/	13.98	/	/	<=38.45	Pass

	836.5	Edge_1RB_Left	20.75	/	/	12.90	/	/	<=38.45	Pass
		Edge_1RB_Right	21.16	/	/	13.31	/	/	<=38.45	Pass
		Outer_Full	21.03	/	/	13.18	/	/	<=38.45	Pass
		Inner_Full	22.04	/	/	14.19	/	/	<=38.45	Pass
		Inner_1RB_Left	21.80	/	/	13.95	/	/	<=38.45	Pass
		Inner_1RB_Right	21.85	/	/	14.00	/	/	<=38.45	Pass
	839	Edge_1RB_Left	20.81	/	/	12.96	/	/	<=38.45	Pass
		Edge_1RB_Right	20.81	/	/	12.96	/	/	<=38.45	Pass
		Outer_Full	20.92	/	/	13.07	/	/	<=38.45	Pass
		Inner_Full	22.05	/	/	14.20	/	/	<=38.45	Pass
		Inner_1RB_Left	21.77	/	/	13.92	/	/	<=38.45	Pass
		Inner_1RB_Right	21.75	/	/	13.90	/	/	<=38.45	Pass
CP-OFDM 64 QAM	834	Edge_1RB_Left	20.42	/	/	12.57	/	/	<=38.45	Pass
		Edge_1RB_Right	20.58	/	/	12.73	/	/	<=38.45	Pass
		Outer_Full	20.31	/	/	12.46	/	/	<=38.45	Pass
		Inner_Full	20.54	/	/	12.69	/	/	<=38.45	Pass
		Inner_1RB_Left	20.59	/	/	12.74	/	/	<=38.45	Pass
		Inner_1RB_Right	20.62	/	/	12.77	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	20.53	/	/	12.68	/	/	<=38.45	Pass
		Edge_1RB_Right	20.62	/	/	12.77	/	/	<=38.45	Pass
		Outer_Full	20.47	/	/	12.62	/	/	<=38.45	Pass
		Inner_Full	20.62	/	/	12.77	/	/	<=38.45	Pass
		Inner_1RB_Left	20.52	/	/	12.67	/	/	<=38.45	Pass
		Inner_1RB_Right	20.64	/	/	12.79	/	/	<=38.45	Pass
	839	Edge_1RB_Left	20.52	/	/	12.67	/	/	<=38.45	Pass
		Edge_1RB_Right	20.54	/	/	12.69	/	/	<=38.45	Pass
		Outer_Full	20.40	/	/	12.55	/	/	<=38.45	Pass
		Inner_Full	20.54	/	/	12.69	/	/	<=38.45	Pass
		Inner_1RB_Left	20.60	/	/	12.75	/	/	<=38.45	Pass
		Inner_1RB_Right	20.56	/	/	12.71	/	/	<=38.45	Pass
CP-OFDM 256 QAM	834	Edge_1RB_Left	17.30	/	/	9.45	/	/	<=38.45	Pass
		Edge_1RB_Right	17.51	/	/	9.66	/	/	<=38.45	Pass
		Outer_Full	17.61	/	/	9.76	/	/	<=38.45	Pass
		Inner_Full	17.66	/	/	9.81	/	/	<=38.45	Pass
		Inner_1RB_Left	17.57	/	/	9.72	/	/	<=38.45	Pass
		Inner_1RB_Right	17.54	/	/	9.69	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	17.28	/	/	9.43	/	/	<=38.45	Pass
		Edge_1RB_Right	17.50	/	/	9.65	/	/	<=38.45	Pass
		Outer_Full	17.58	/	/	9.73	/	/	<=38.45	Pass
		Inner_Full	17.64	/	/	9.79	/	/	<=38.45	Pass
		Inner_1RB_Left	17.48	/	/	9.63	/	/	<=38.45	Pass
		Inner_1RB_Right	17.52	/	/	9.67	/	/	<=38.45	Pass
	839	Edge_1RB_Left	17.39	/	/	9.55	/	/	<=38.45	Pass
		Edge_1RB_Right	18.00	/	/	10.15	/	/	<=38.45	Pass
		Outer_Full	17.51	/	/	9.66	/	/	<=38.45	Pass
		Inner_Full	18.09	/	/	10.24	/	/	<=38.45	Pass
		Inner_1RB_Left	18.00	/	/	10.15	/	/	<=38.45	Pass
		Inner_1RB_Right	18.06	/	/	10.21	/	/	<=38.45	Pass
Note1: Antenna Gain: Ant0: -5.70dBi; 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	836.5	Outer_Full	20	LV	-2.56	-0.0031	>=-2.5 & <=2.5	Pass

QPSK				HV	-0.87	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-1.55	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-2.19	-0.0026	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-3.35	-0.0040	≥ -2.5 & ≤ 2.5	Pass
			0	NV	0.23	0.0003	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-2.01	-0.0024	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-3.54	-0.0042	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-3.83	-0.0046	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-3.39	-0.0041	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-2.78	-0.0033	≥ -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	4.53	5.03	/	Pass
DFT-s-OFDM QPSK	836.5	Outer_Full	4.52	4.98	/	Pass
DFT-s-OFDM 16 QAM	836.5	Outer_Full	4.54	4.98	/	Pass
DFT-s-OFDM 64 QAM	836.5	Outer_Full	4.57	4.98	/	Pass
DFT-s-OFDM 256 QAM	836.5	Outer_Full	4.53	4.96	/	Pass
CP-OFDM QPSK	836.5	Outer_Full	4.51	4.96	/	Pass
CP-OFDM 16 QAM	836.5	Outer_Full	4.52	4.93	/	Pass
CP-OFDM 64 QAM	836.5	Outer_Full	4.50	4.99	/	Pass
CP-OFDM 256 QAM	836.5	Outer_Full	4.54	4.96	/	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	9.01	9.69	/	Pass
DFT-s-OFDM QPSK	836.5	Outer_Full	9.03	9.68	/	Pass
DFT-s-OFDM 16 QAM	836.5	Outer_Full	9.01	9.71	/	Pass
DFT-s-OFDM 64 QAM	836.5	Outer_Full	9.05	9.72	/	Pass
DFT-s-OFDM 256 QAM	836.5	Outer_Full	9.03	9.68	/	Pass
CP-OFDM QPSK	836.5	Outer_Full	9.37	10.05	/	Pass
CP-OFDM 16 QAM	836.5	Outer_Full	9.39	10.08	/	Pass
CP-OFDM 64 QAM	836.5	Outer_Full	9.33	10.08	/	Pass
CP-OFDM 256 QAM	836.5	Outer_Full	9.33	10.08	/	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	13.51	14.52	/	Pass
DFT-s-OFDM QPSK	836.5	Outer_Full	13.52	14.59	/	Pass
DFT-s-OFDM 16 QAM	836.5	Outer_Full	13.59	14.64	/	Pass
DFT-s-OFDM 64 QAM	836.5	Outer_Full	13.57	14.57	/	Pass
DFT-s-OFDM 256 QAM	836.5	Outer_Full	13.59	14.59	/	Pass
CP-OFDM QPSK	836.5	Outer_Full	14.23	15.30	/	Pass
CP-OFDM 16 QAM	836.5	Outer_Full	14.24	15.27	/	Pass
CP-OFDM 64 QAM	836.5	Outer_Full	14.20	15.27	/	Pass

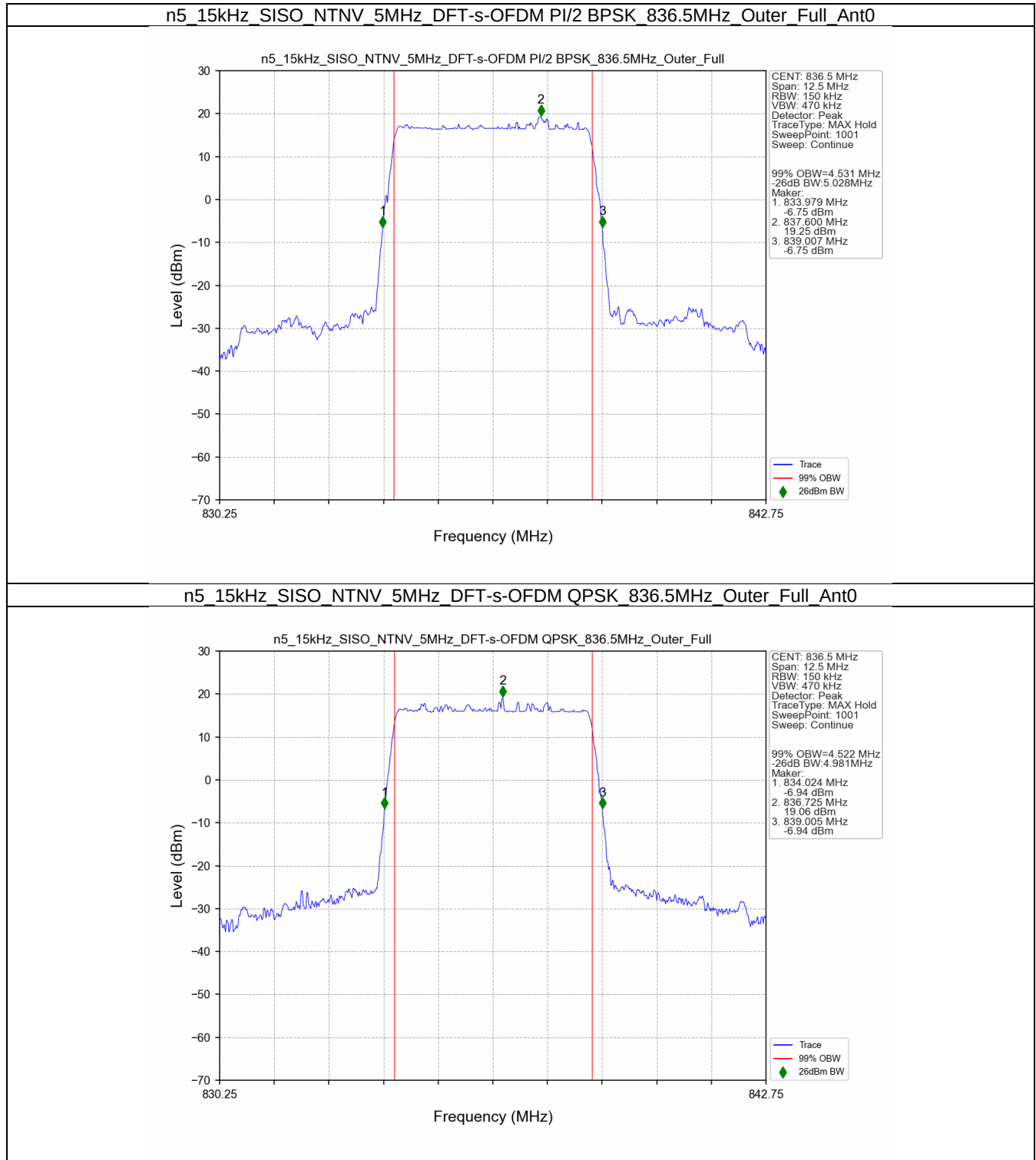
CP-OFDM 256 QAM	836.5	Outer_Full	14.23	15.25	/	Pass
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3.1.4 15_S_20M_NTNV

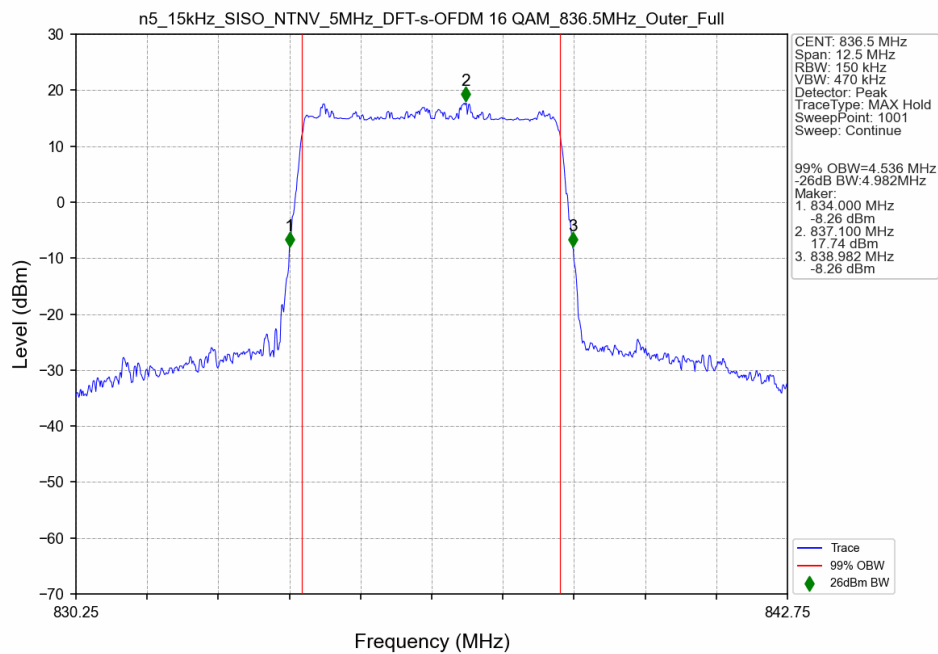
5G NR n5 SCS=15kHz SISO 20MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	836.5	Outer_Full	18.02	19.32	/	Pass
DFT-s-OFDM QPSK	836.5	Outer_Full	18.05	19.43	/	Pass
DFT-s-OFDM 16 QAM	836.5	Outer_Full	18.04	19.41	/	Pass
DFT-s-OFDM 64 QAM	836.5	Outer_Full	18.04	19.39	/	Pass
DFT-s-OFDM 256 QAM	836.5	Outer_Full	18.09	19.39	/	Pass
CP-OFDM QPSK	836.5	Outer_Full	19.06	20.41	/	Pass
CP-OFDM 16 QAM	836.5	Outer_Full	19.10	20.44	/	Pass
CP-OFDM 64 QAM	836.5	Outer_Full	19.07	20.44	/	Pass
CP-OFDM 256 QAM	836.5	Outer_Full	19.01	20.42	/	Pass

3.2 Test Graph

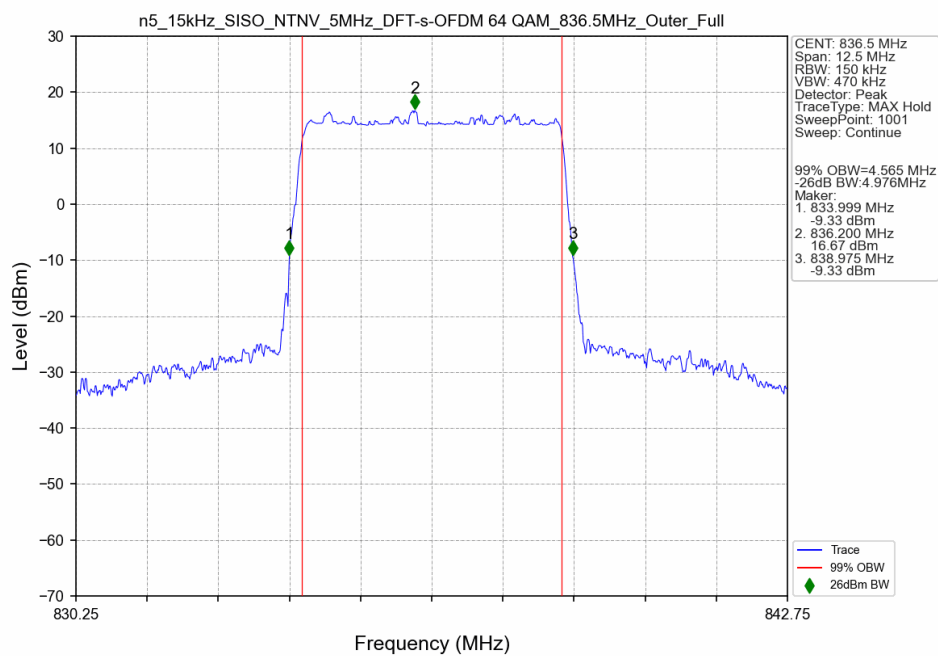
3.2.1 15_S_5M_NTNV



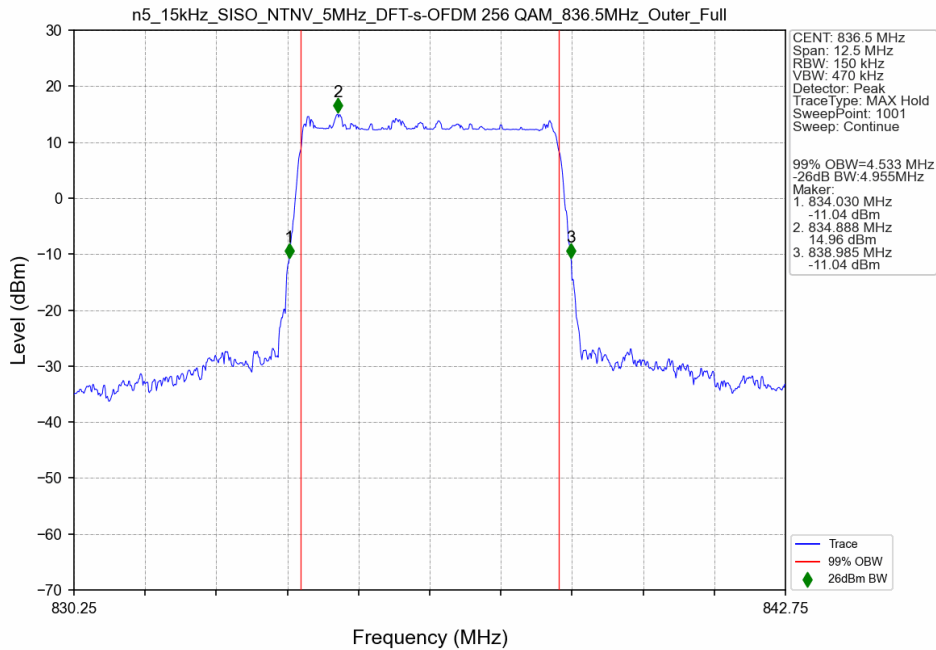
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 16 QAM_836.5MHz_Outer_Full_Ant0



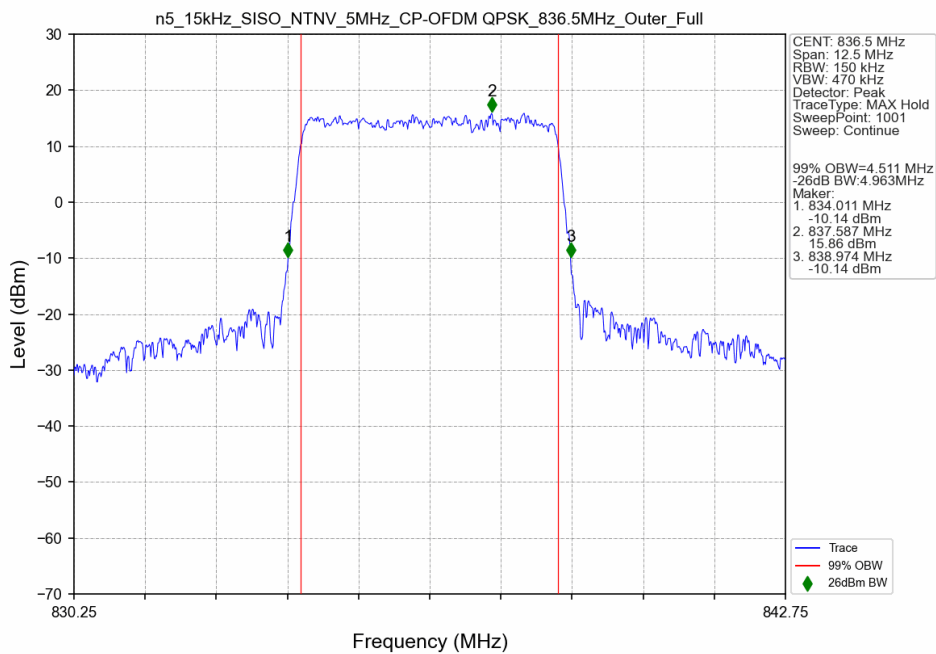
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 64 QAM_836.5MHz_Outer_Full_Ant0



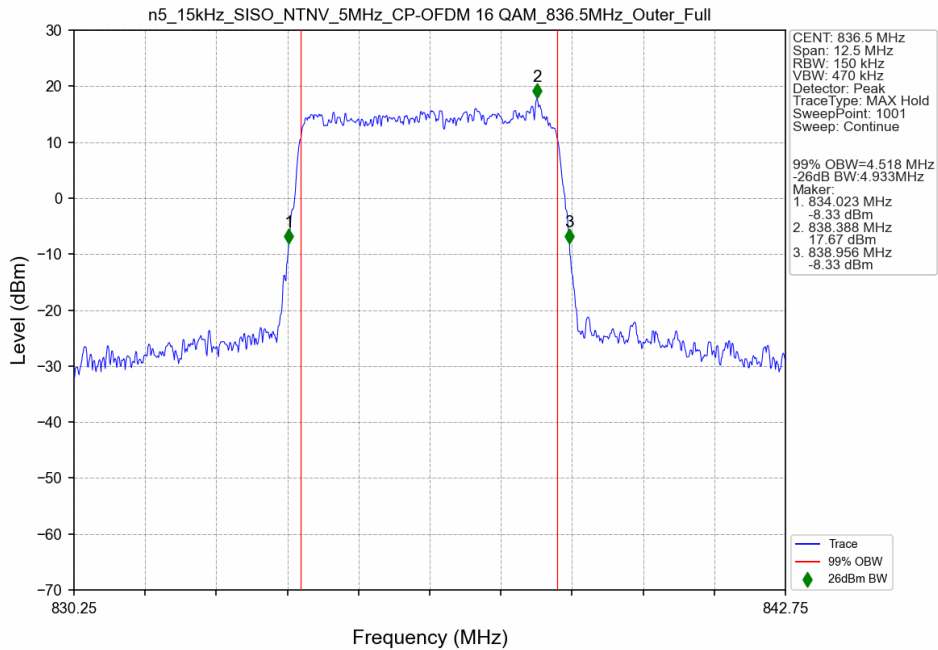
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 256 QAM 836.5MHz_Outer_Full_Ant0



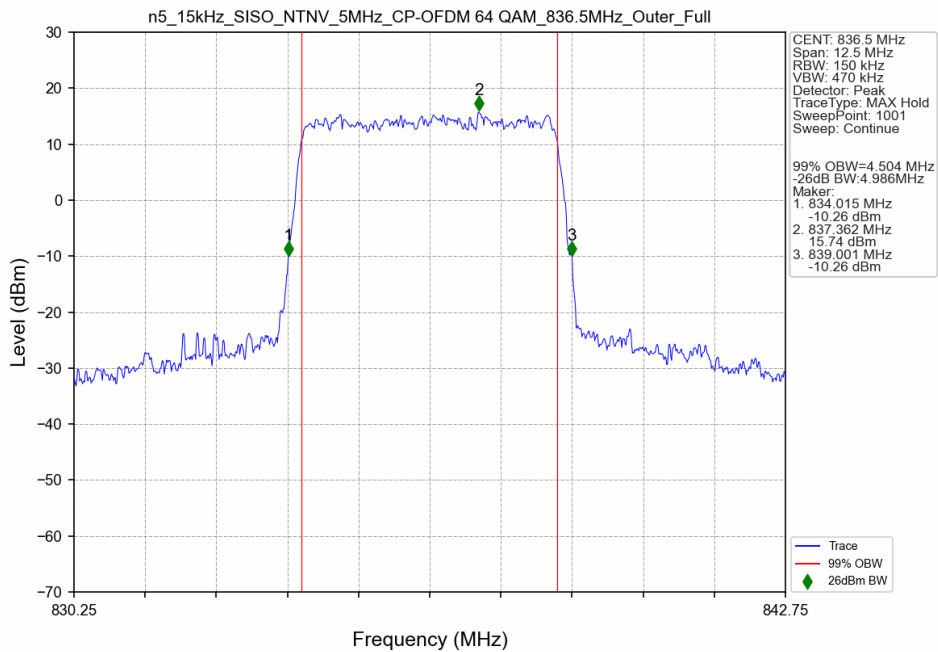
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK 836.5MHz_Outer_Full_Ant0

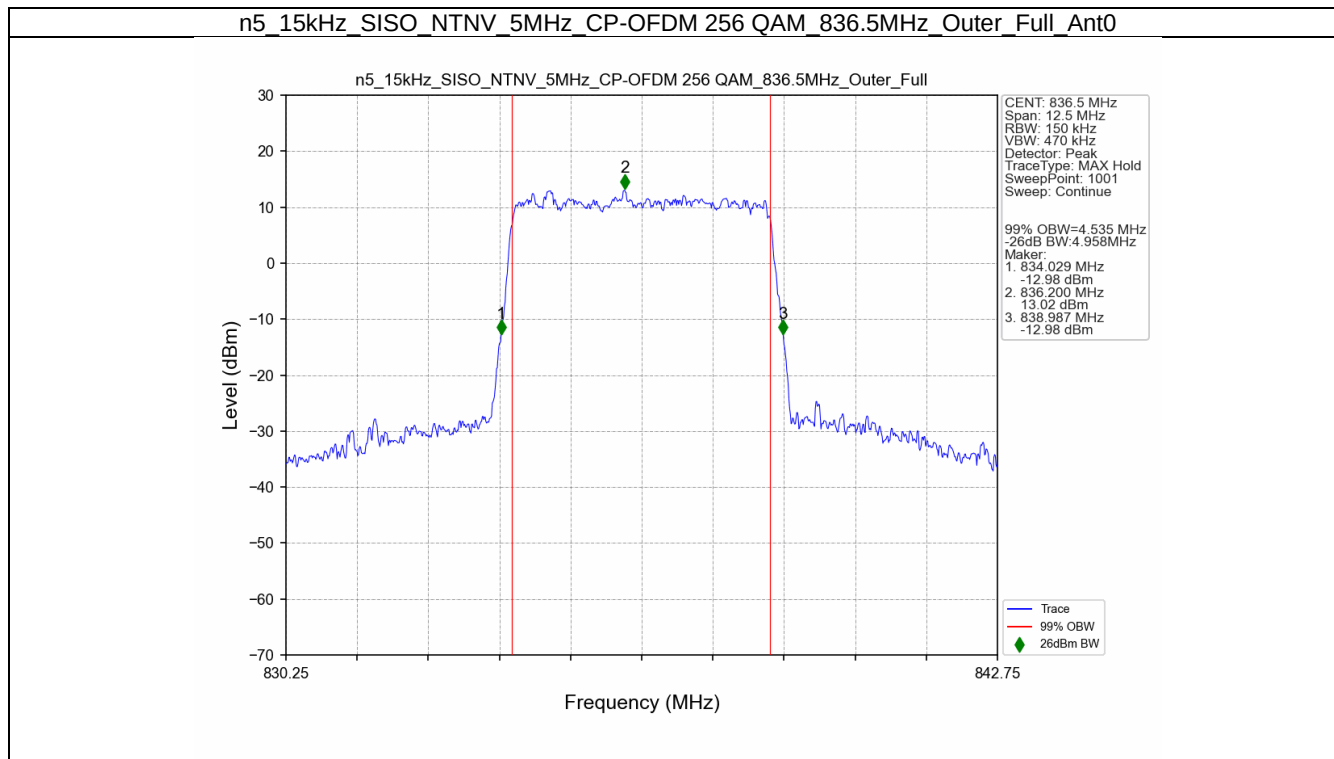


n5_15kHz_SISO_NTNV_5MHz_CP-OFDM 16 QAM 836.5MHz_Outer_Full_Ant0

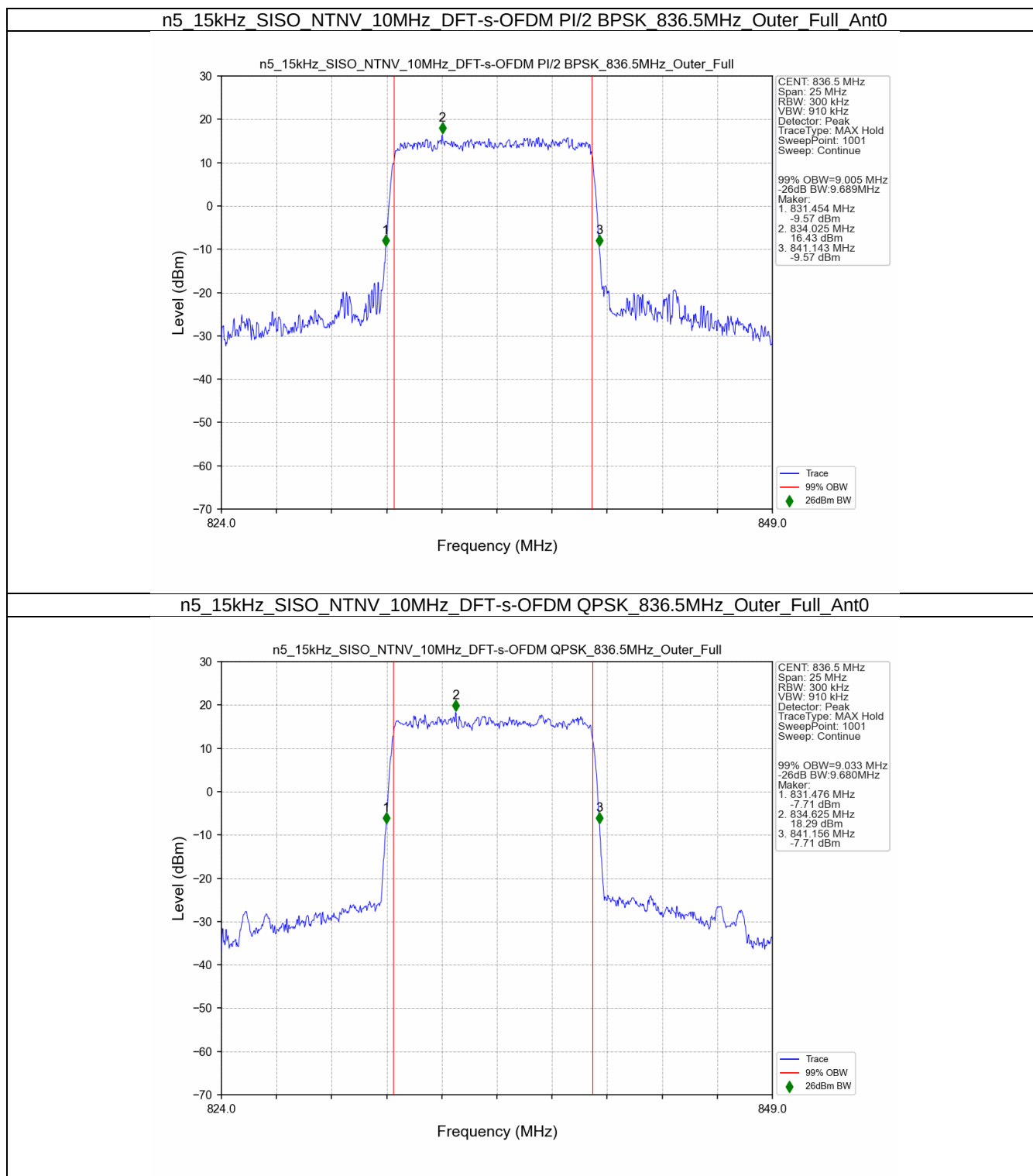


n5_15kHz_SISO_NTNV_5MHz_CP-OFDM 64 QAM 836.5MHz_Outer_Full_Ant0

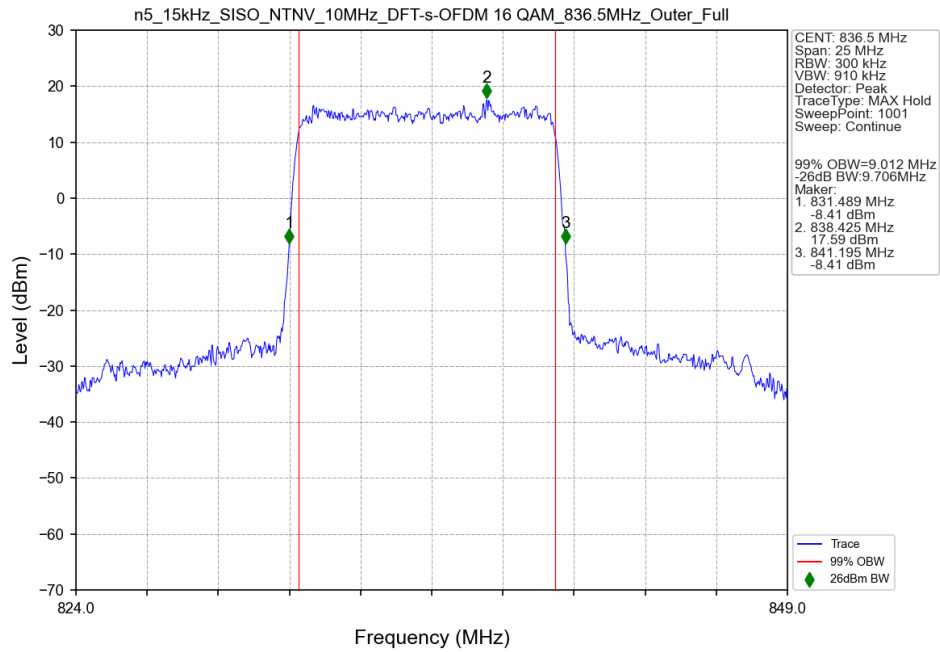




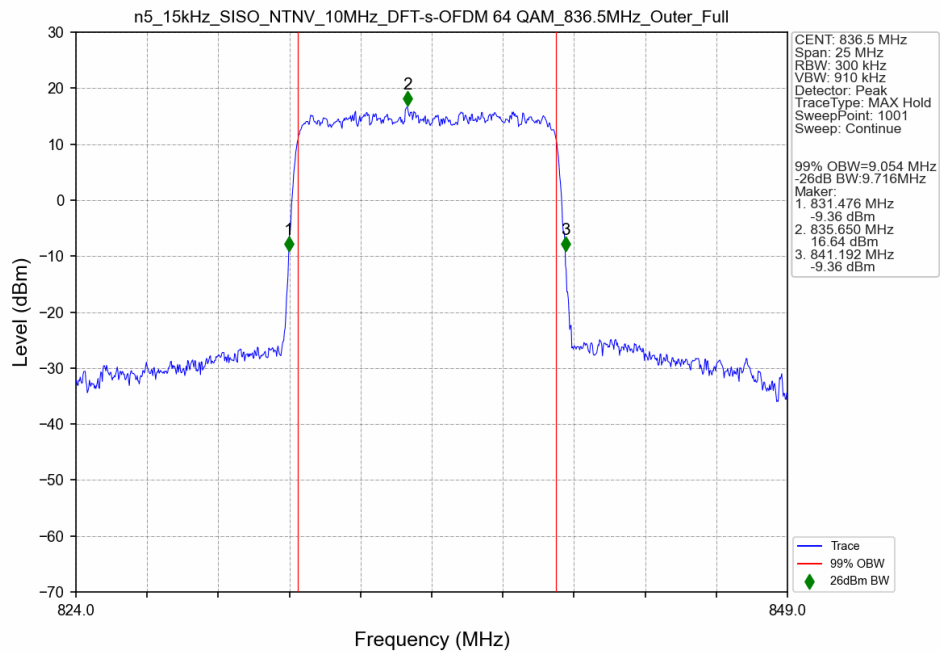
3.2.2 15_S_10M_NTNV



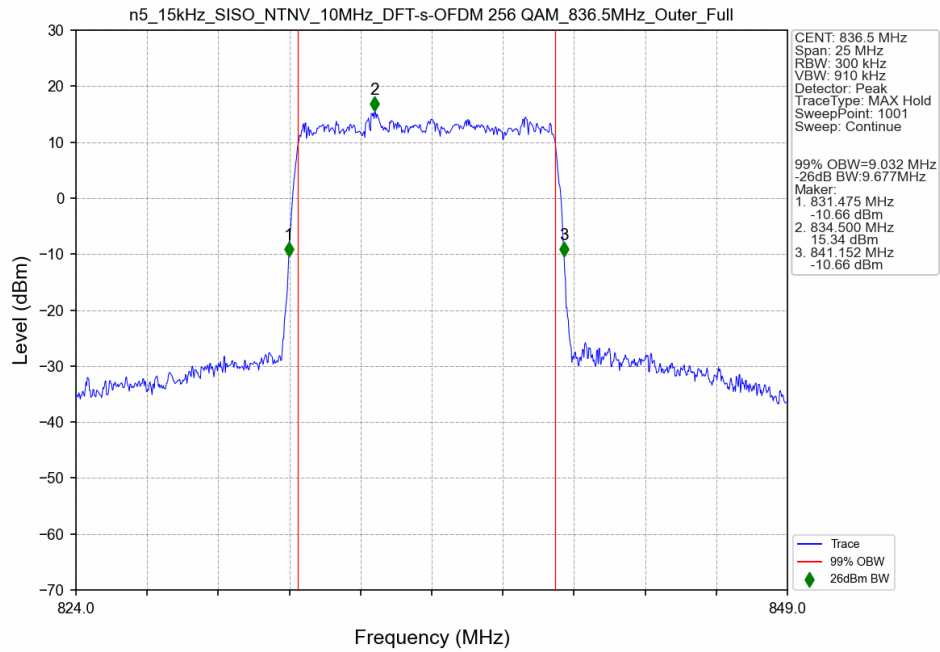
n5_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 16 QAM 836.5MHz_Outer_Full_Ant0



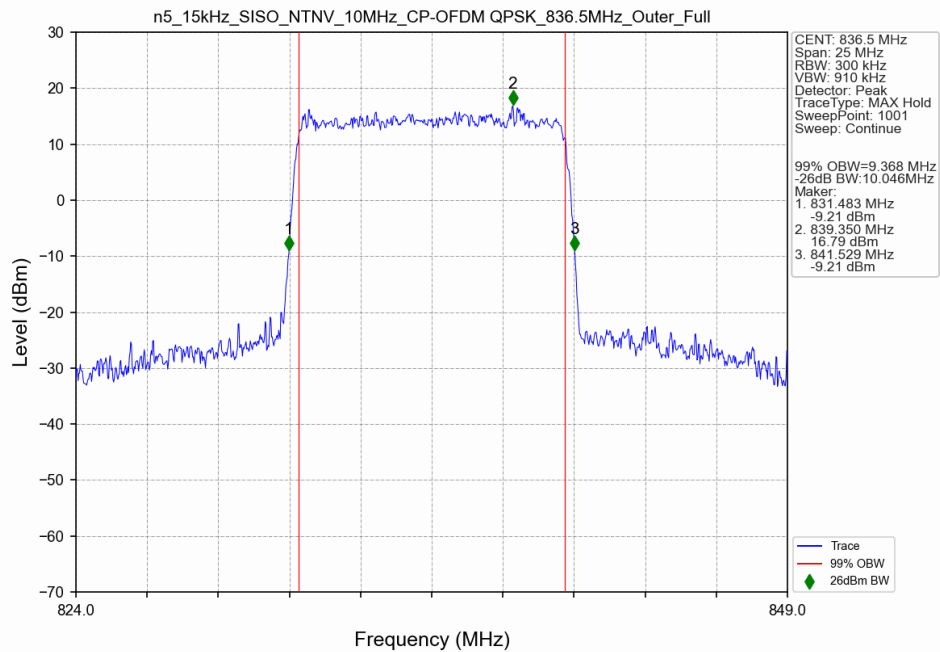
n5_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 64 QAM 836.5MHz_Outer_Full_Ant0



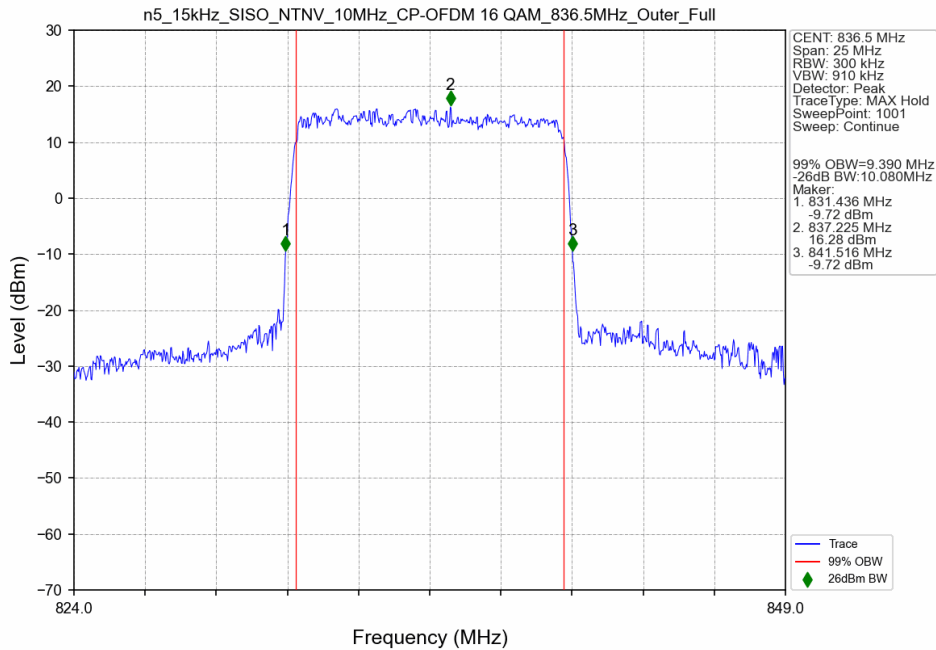
n5_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 256 QAM 836.5MHz_Outer_Full_Ant0



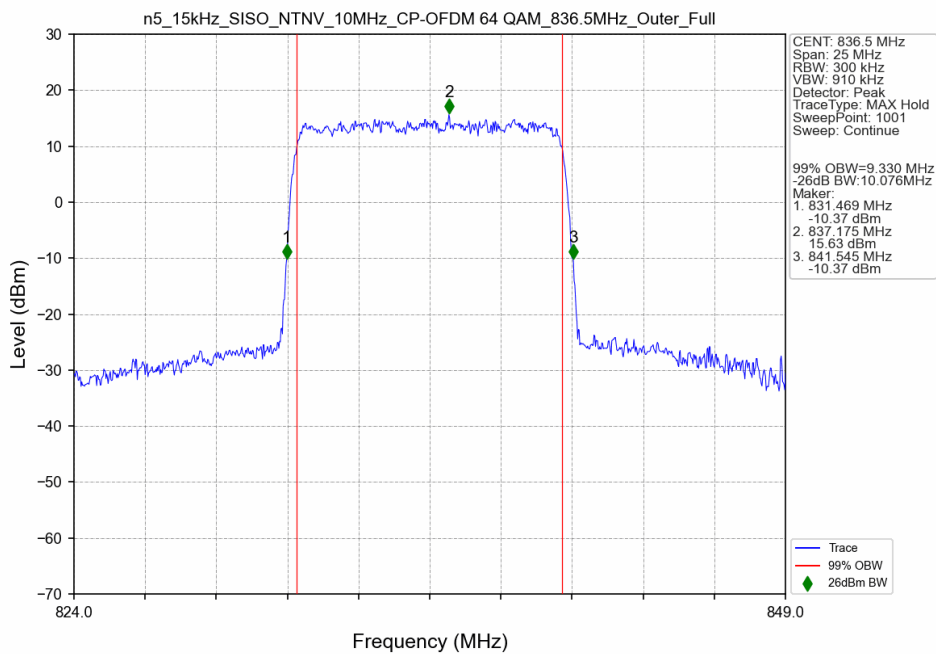
n5_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK 836.5MHz_Outer_Full_Ant0

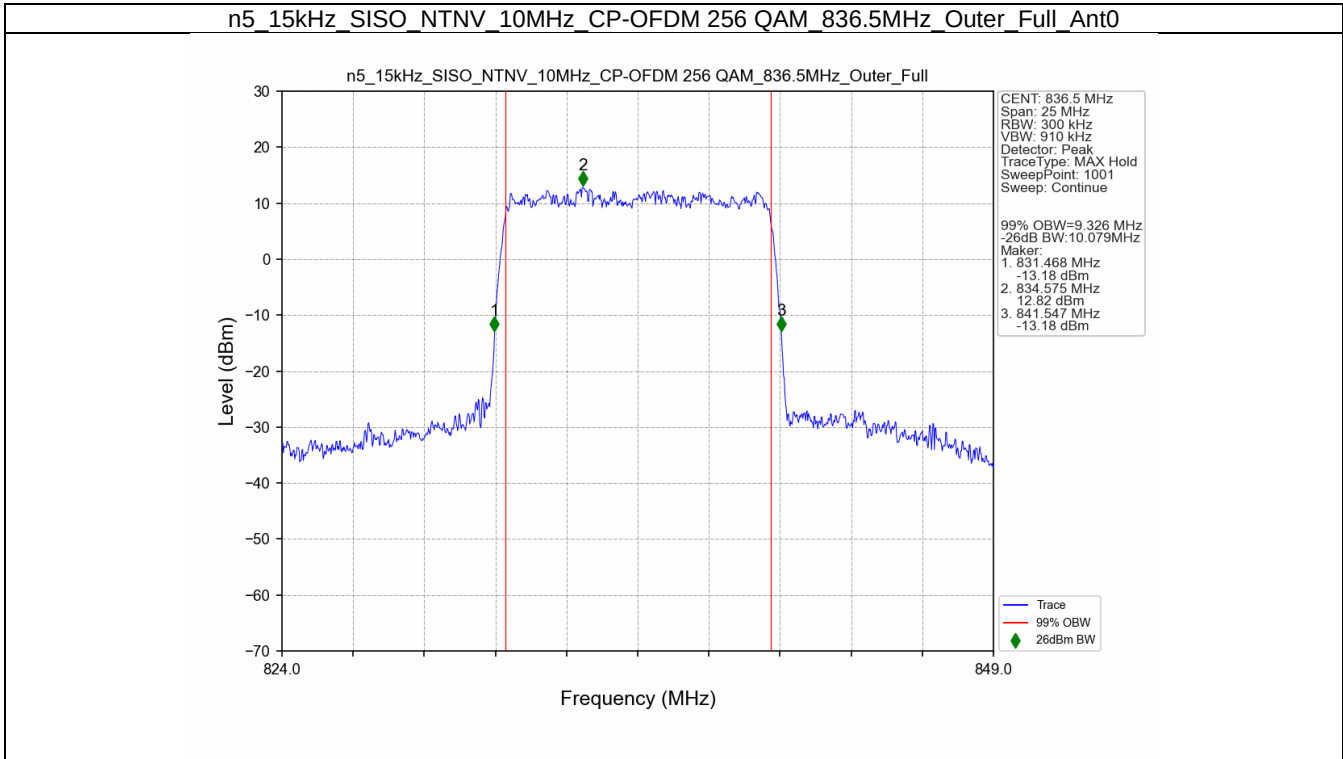


n5_15kHz_SISO_NTNV_10MHz_CP-OFDM 16 QAM 836.5MHz_Outer_Full_Ant0

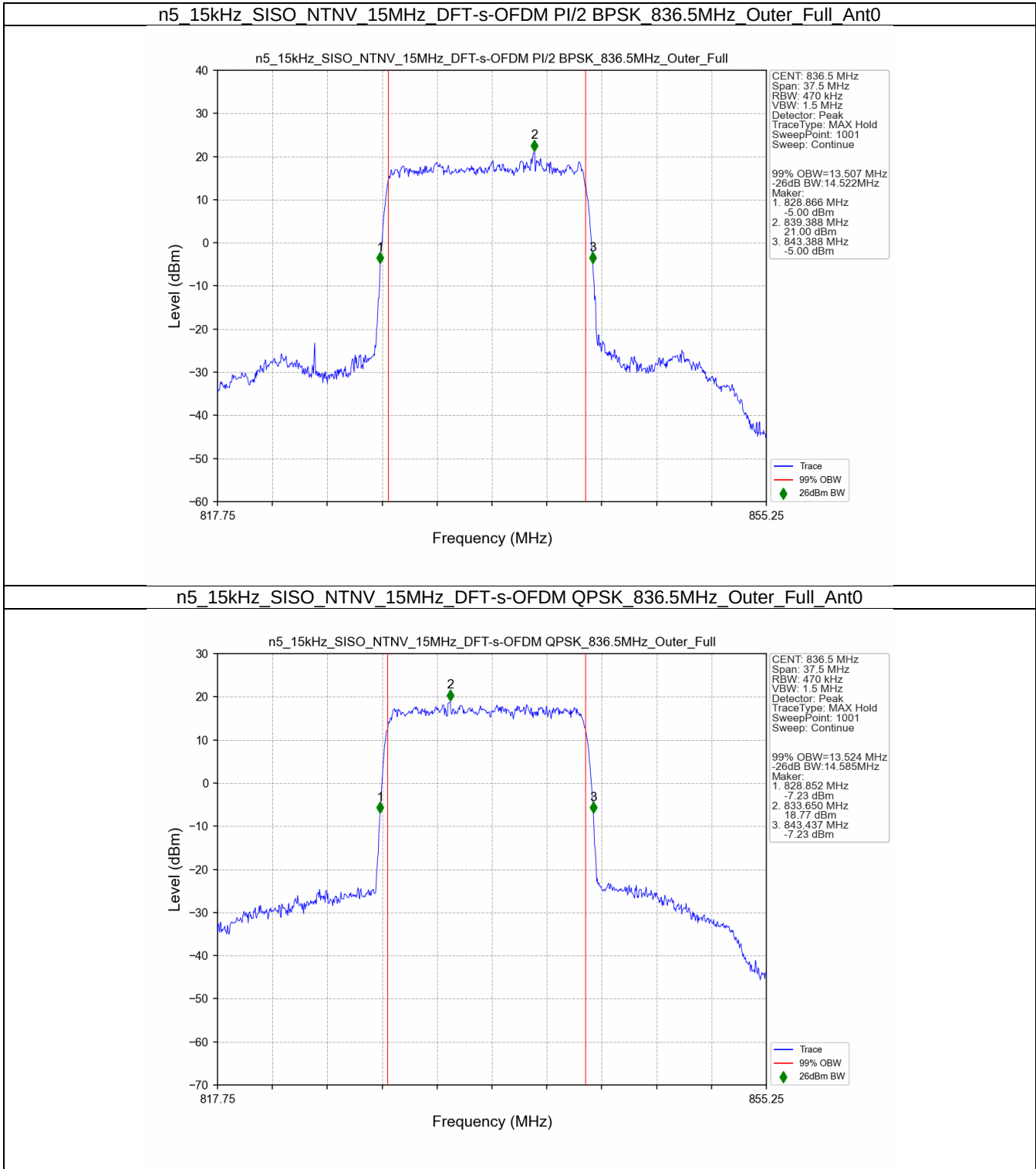


n5_15kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM 836.5MHz_Outer_Full_Ant0

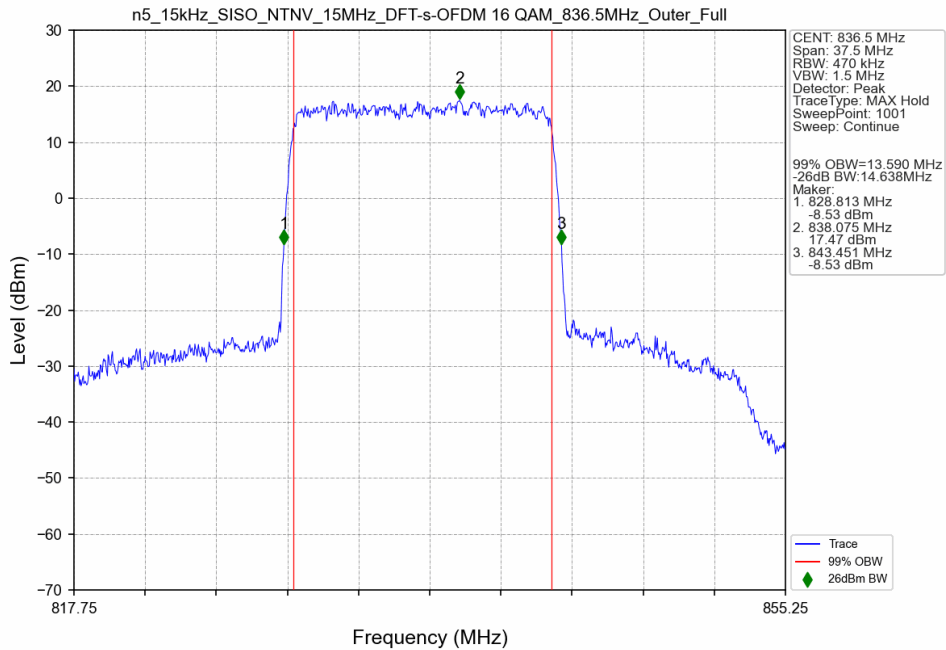




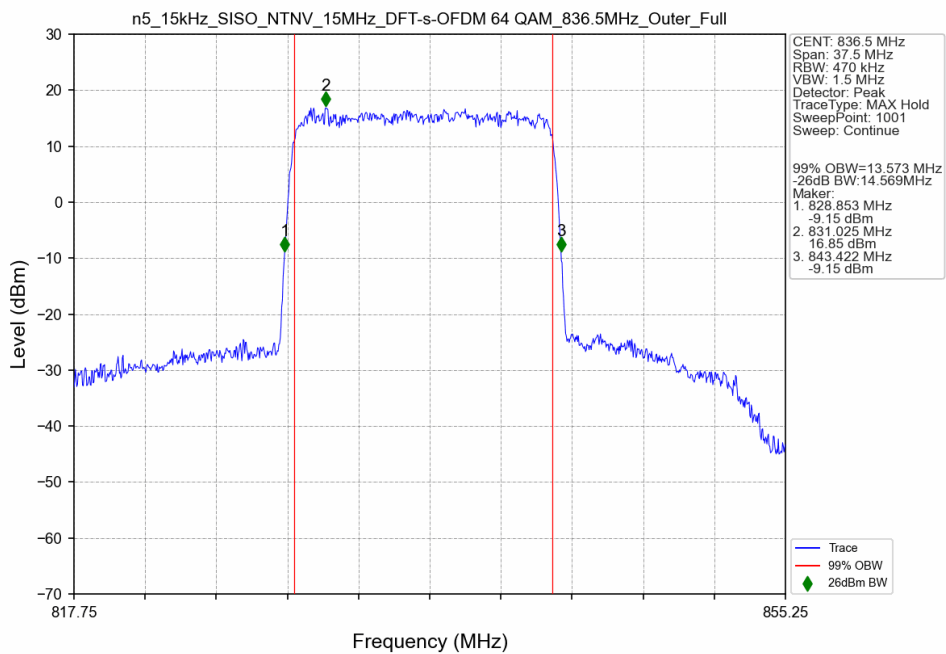
3.2.3 15_S_15M_NTNV



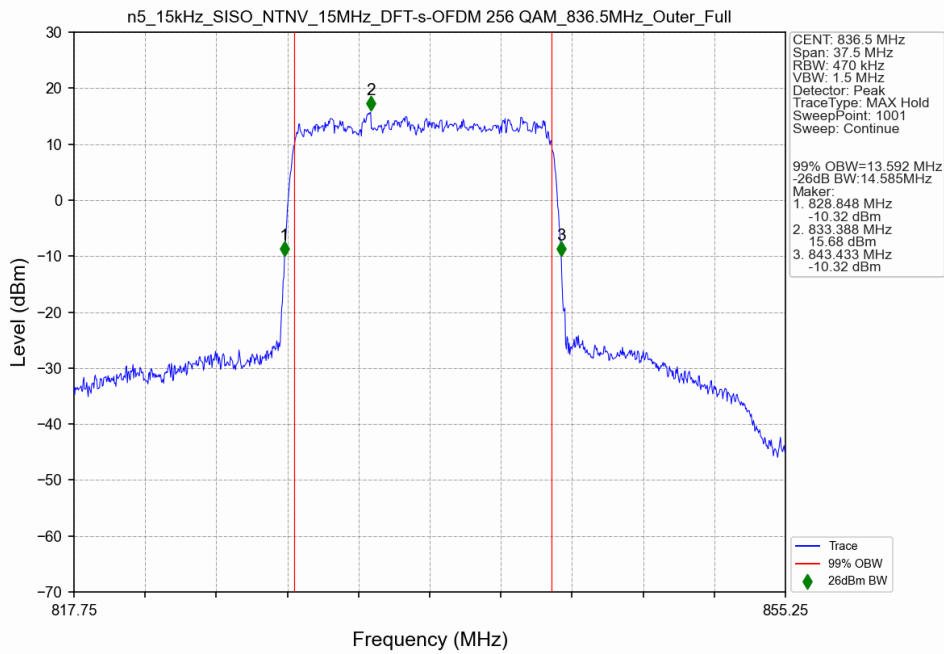
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 16 QAM 836.5MHz_Outer_Full_Ant0



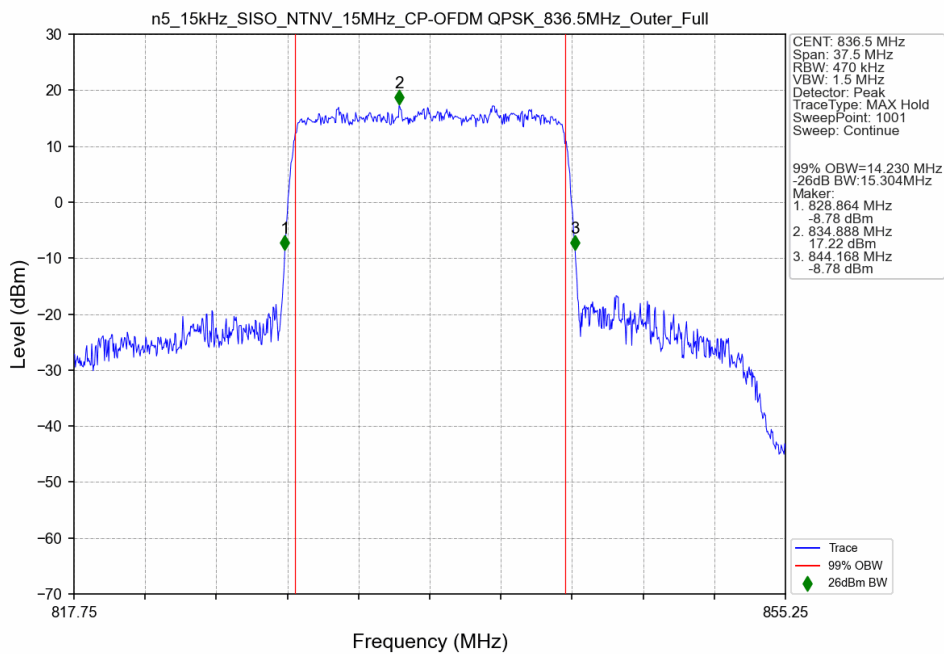
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 64 QAM 836.5MHz_Outer_Full_Ant0



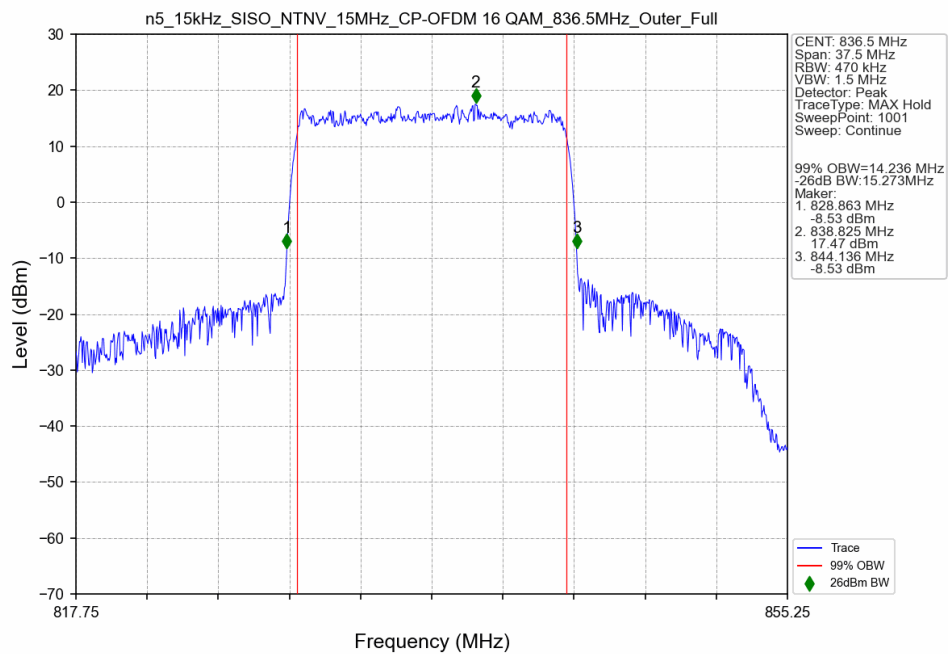
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_256_QAM_836.5MHz_Outer_Full_Ant0



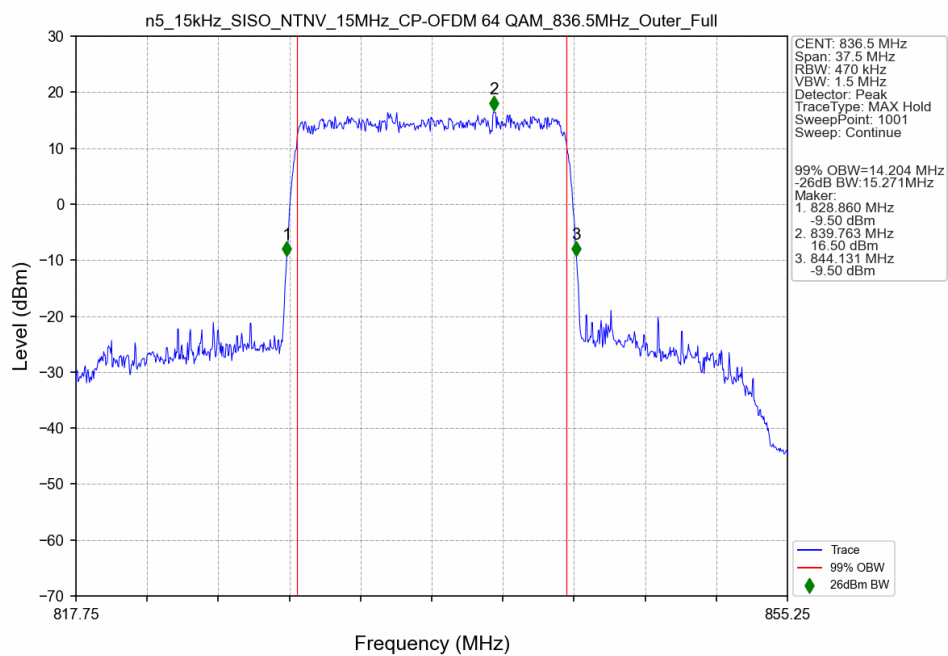
n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_836.5MHz_Outer_Full_Ant0

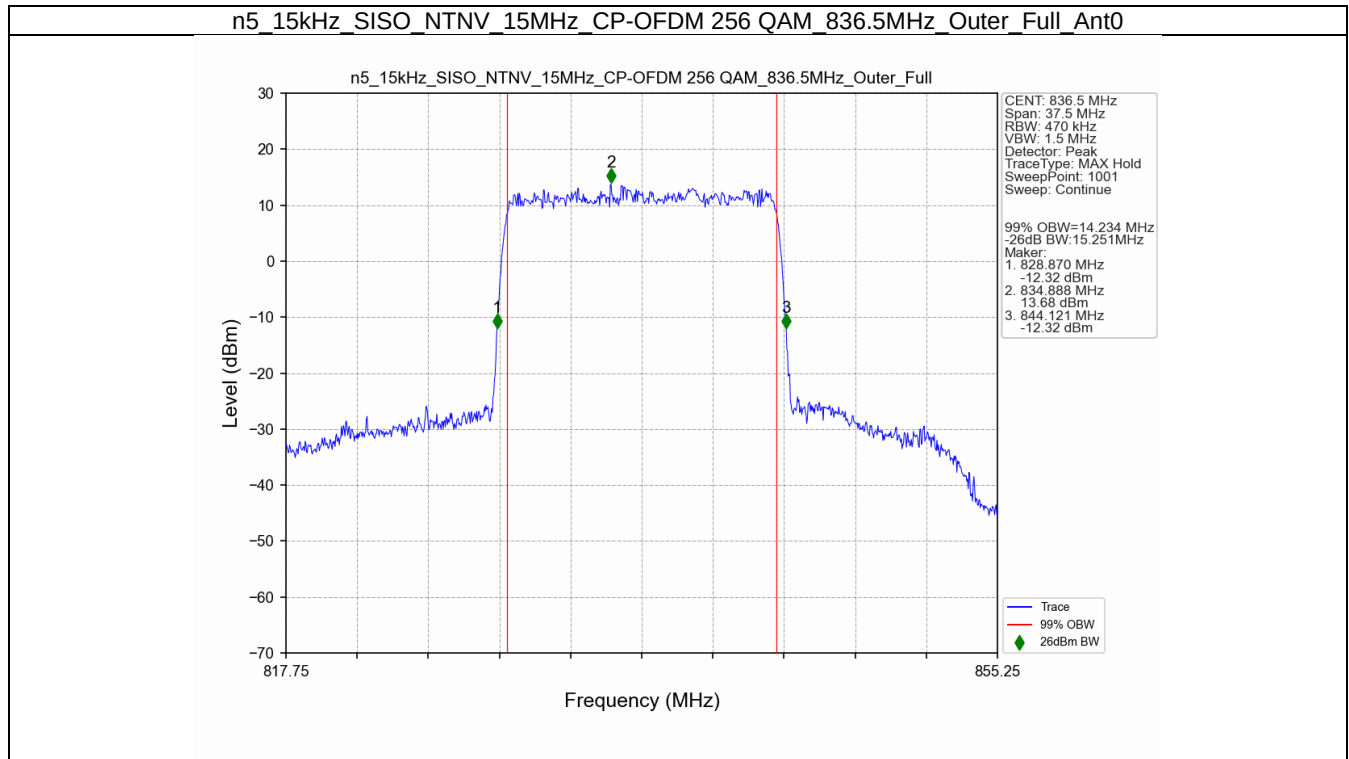


n5_15kHz_SISO_NTNV_15MHz_CP-OFDM 16 QAM 836.5MHz_Outer_Full_Ant0

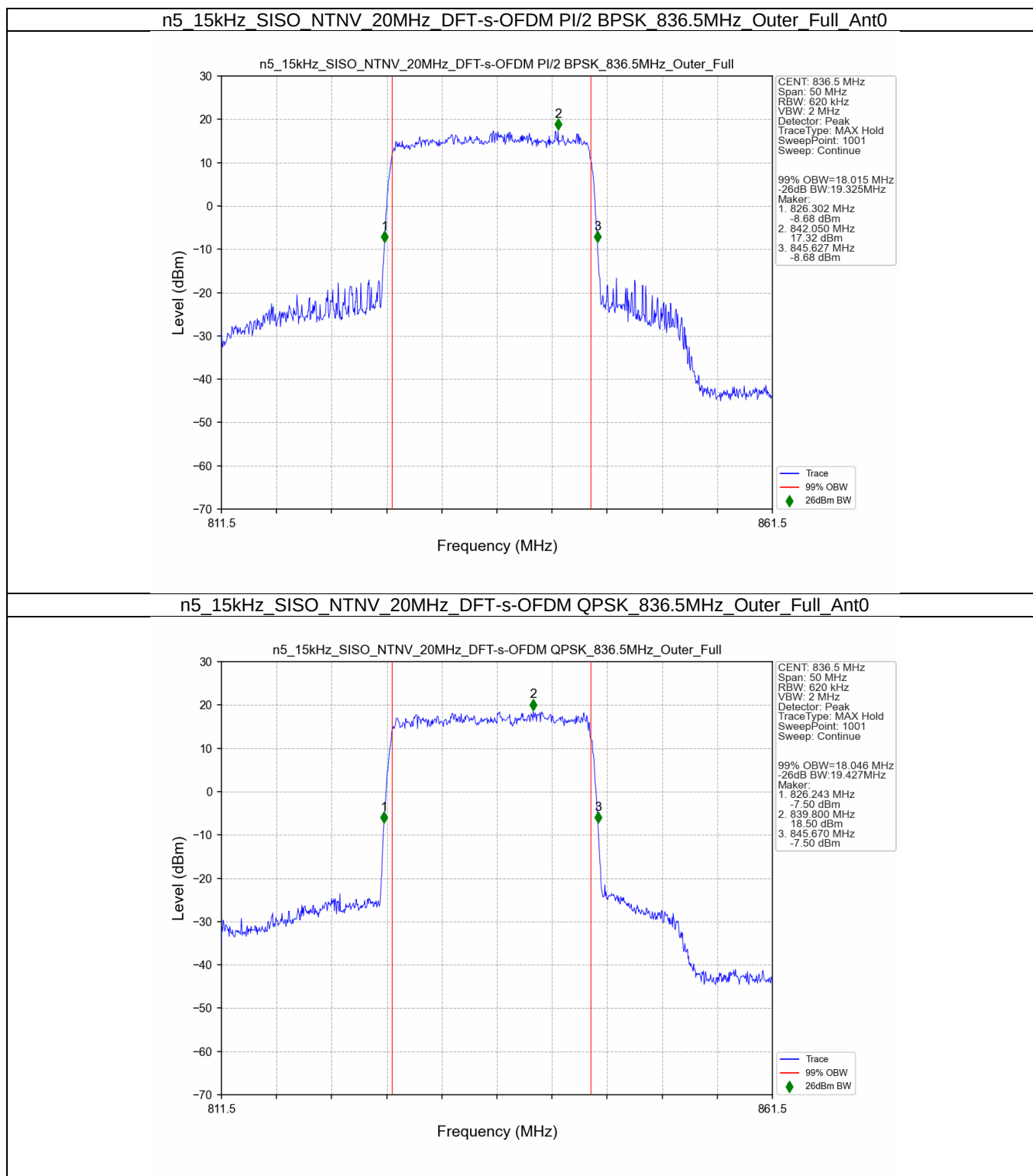


n5_15kHz_SISO_NTNV_15MHz_CP-OFDM 64 QAM 836.5MHz_Outer_Full_Ant0

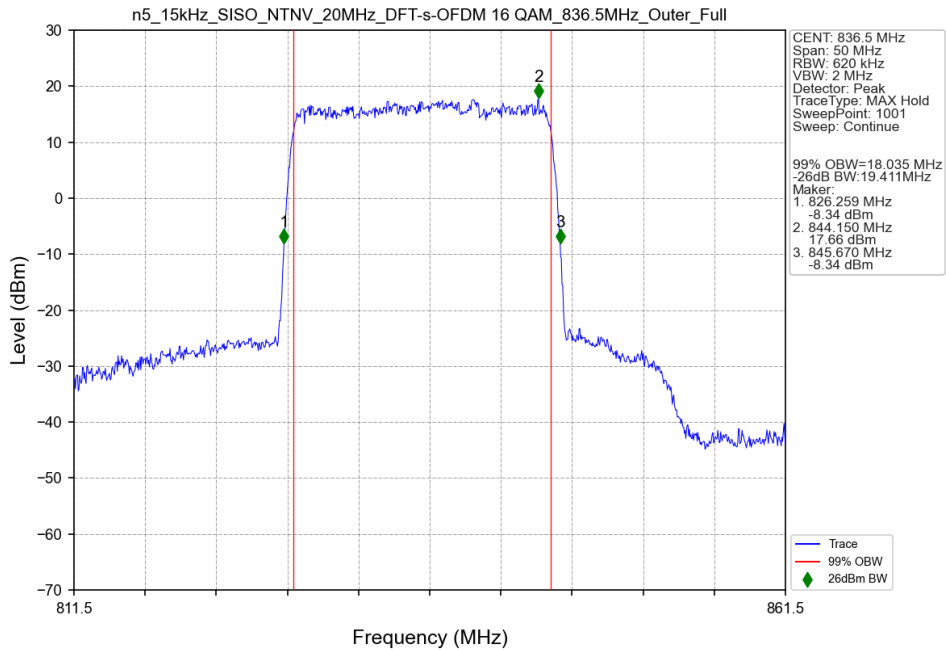




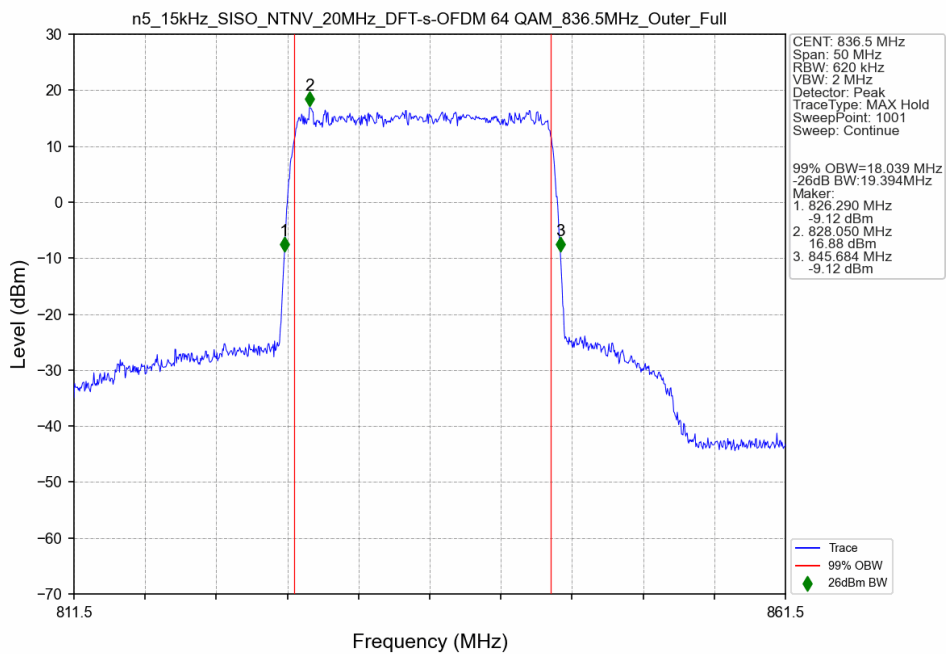
3.2.4 15_S_20M_NTNV



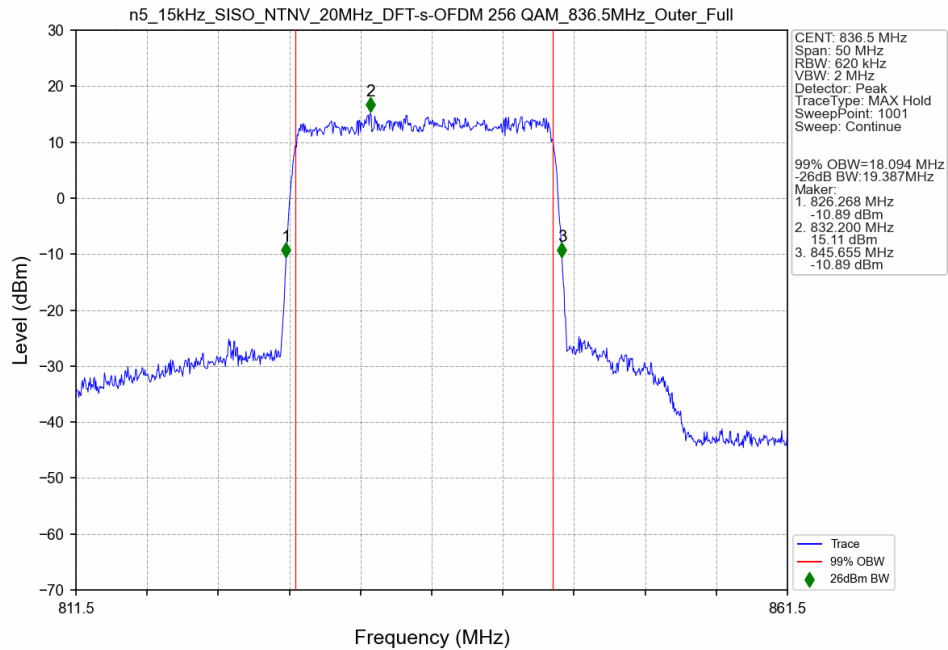
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 16 QAM 836.5MHz_Outer_Full_Ant0



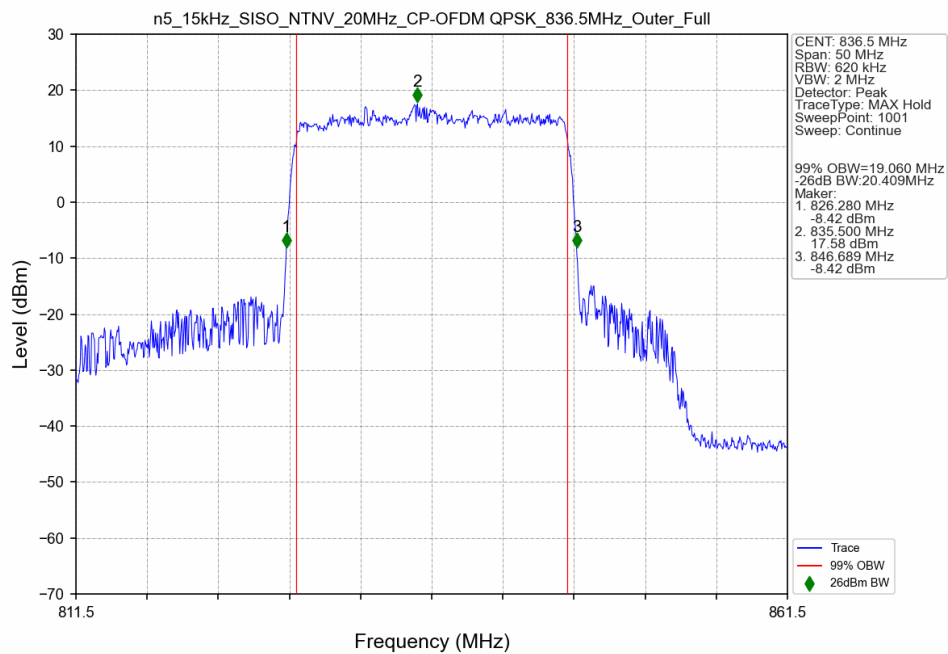
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 64 QAM 836.5MHz_Outer_Full_Ant0



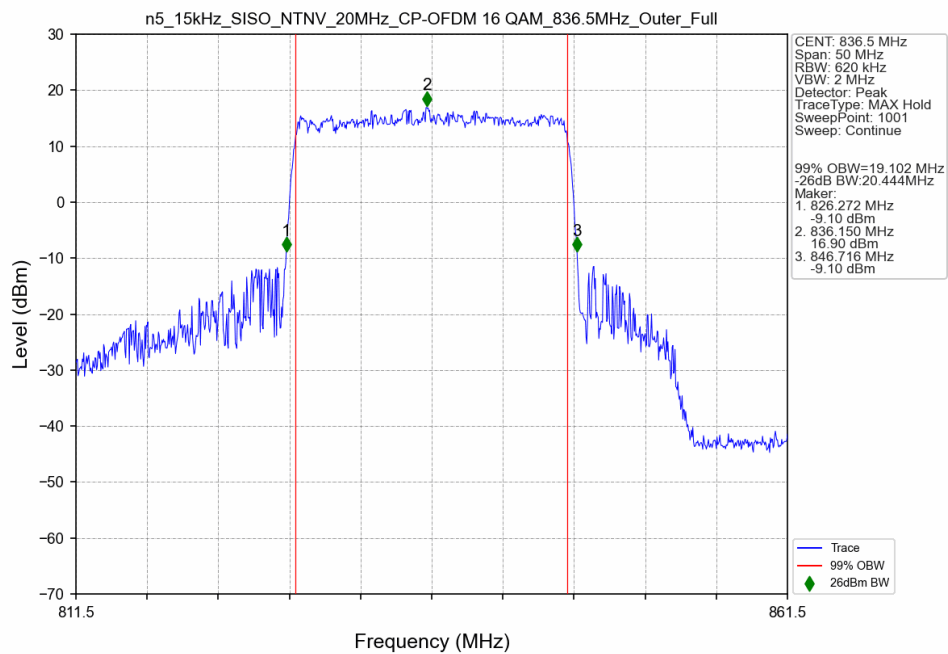
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 256 QAM_836.5MHz_Outer_Full_Ant0



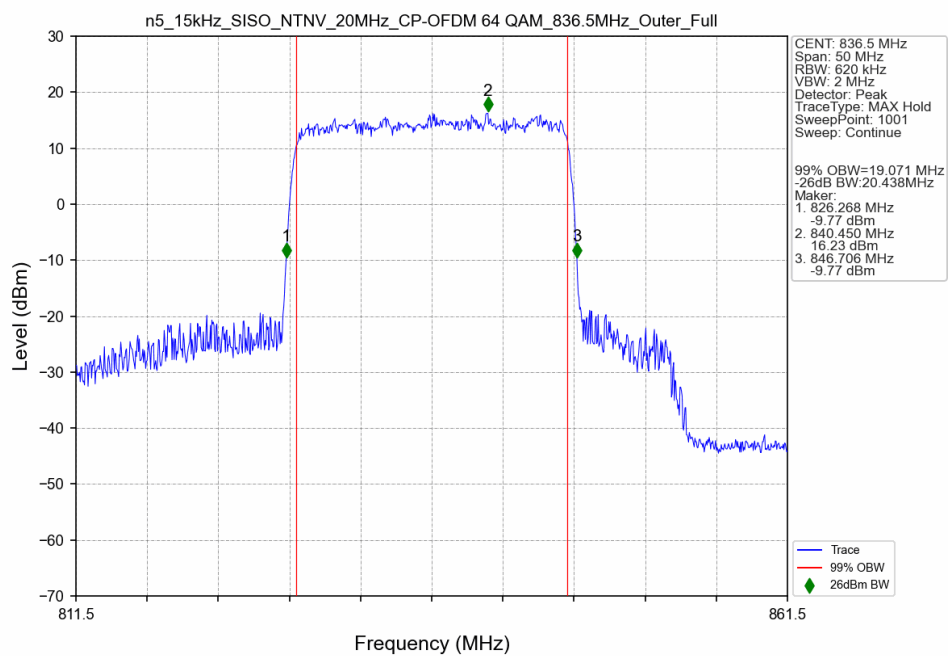
n5_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_836.5MHz_Outer_Full_Ant0

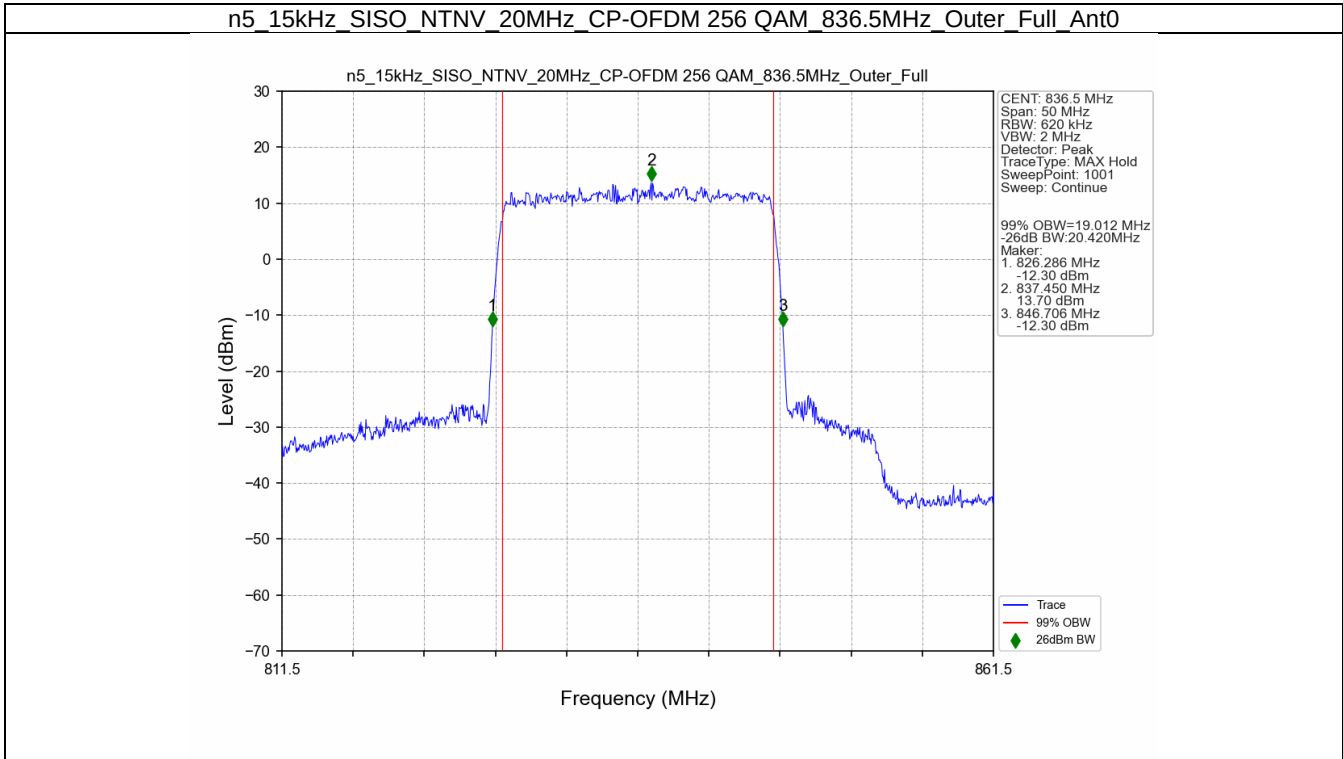


n5_15kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM 836.5MHz_Outer_Full_Ant0



n5_15kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM 836.5MHz_Outer_Full_Ant0





4. Peak-Average Ratio

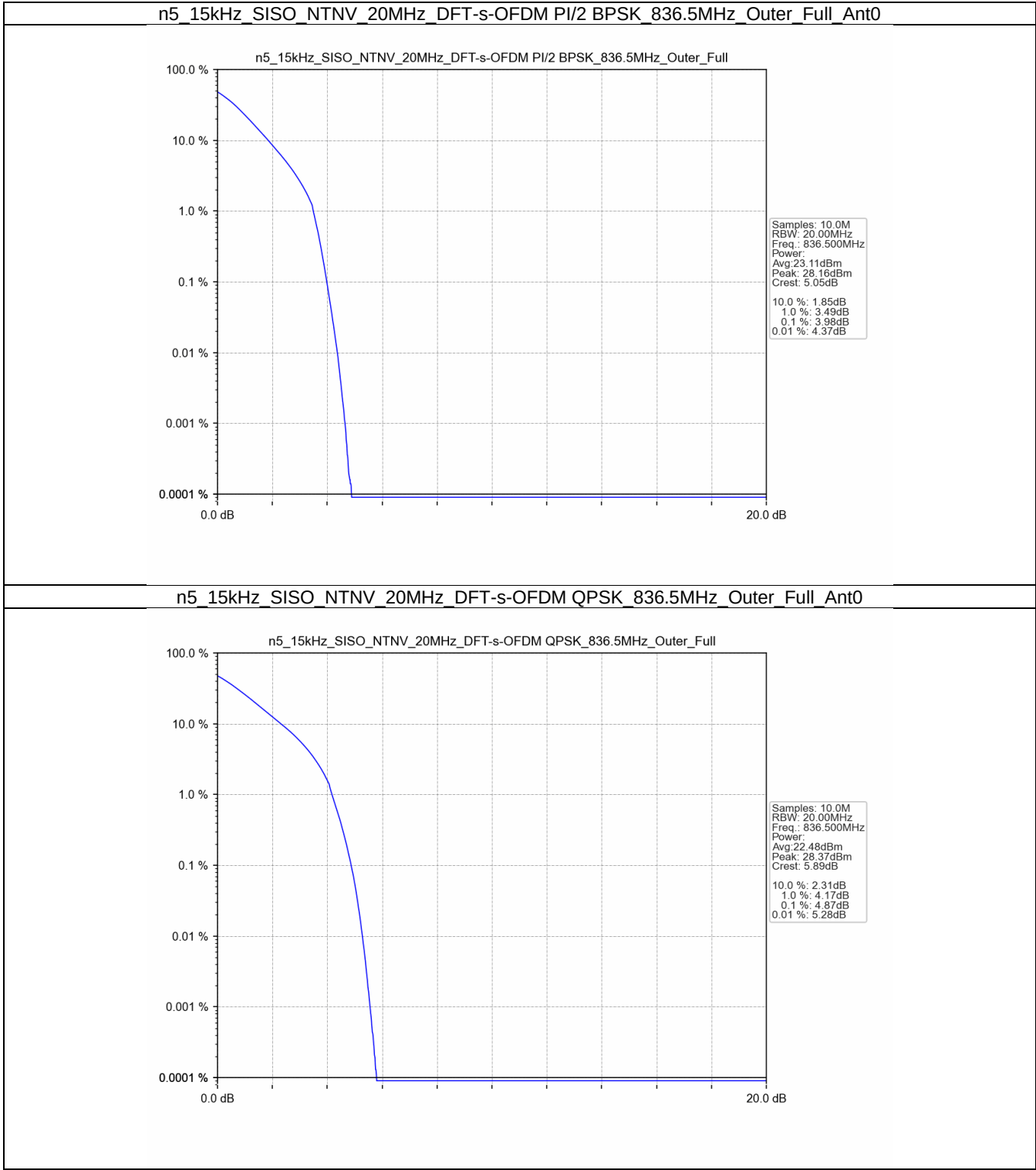
4.1 Test Result

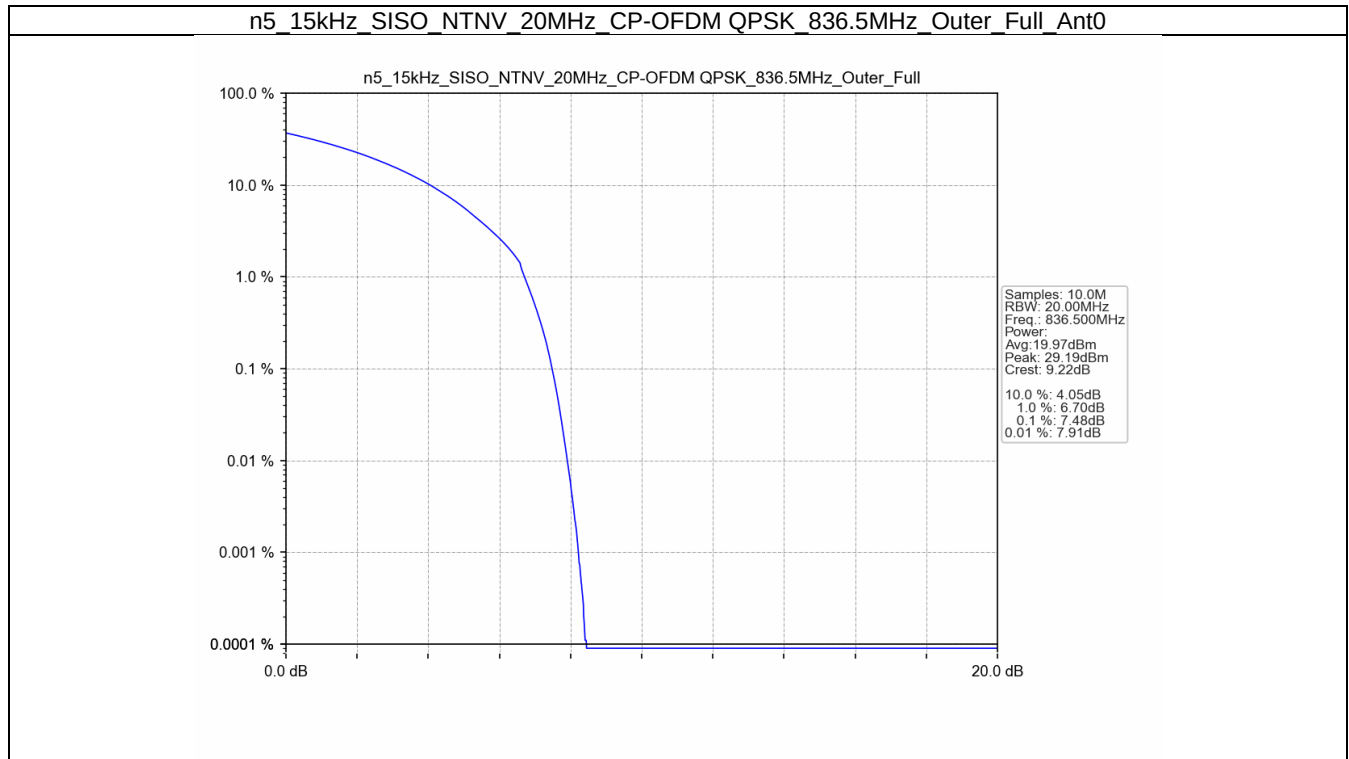
4.1.1 15_S_20M_NTNV

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	3.98	/	/	<=13	Pass
DFT-s-OFDM QPSK	836.5	Outer_Full	4.87	/	/	<=13	Pass
CP-OFDM QPSK	836.5	Outer_Full	7.48	/	/	<=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 NTNV							
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 NTNV							
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
		841.5	Edge_1RB_Right	Refer To Test Graph			
	Outer_Full		Refer To Test Graph				Pass
	DFT-s-OFDM QPSK	831.5	Edge_1RB_Left	Refer To Test Graph			
Outer_Full			Refer To Test Graph				Pass
836.5		Edge_1RB_Left	Refer To Test Graph				Pass
		841.5	Edge_1RB_Right	Refer To Test Graph			
Outer_Full			Refer To Test Graph				Pass
CP-OFDM QPSK		831.5	Edge_1RB_Left	Refer To Test Graph			
	Outer_Full		Refer To Test Graph				Pass
	836.5	Edge_1RB_Left	Refer To Test Graph				Pass
		841.5	Edge_1RB_Right	Refer To Test Graph			
	Outer_Full		Refer To Test Graph				Pass

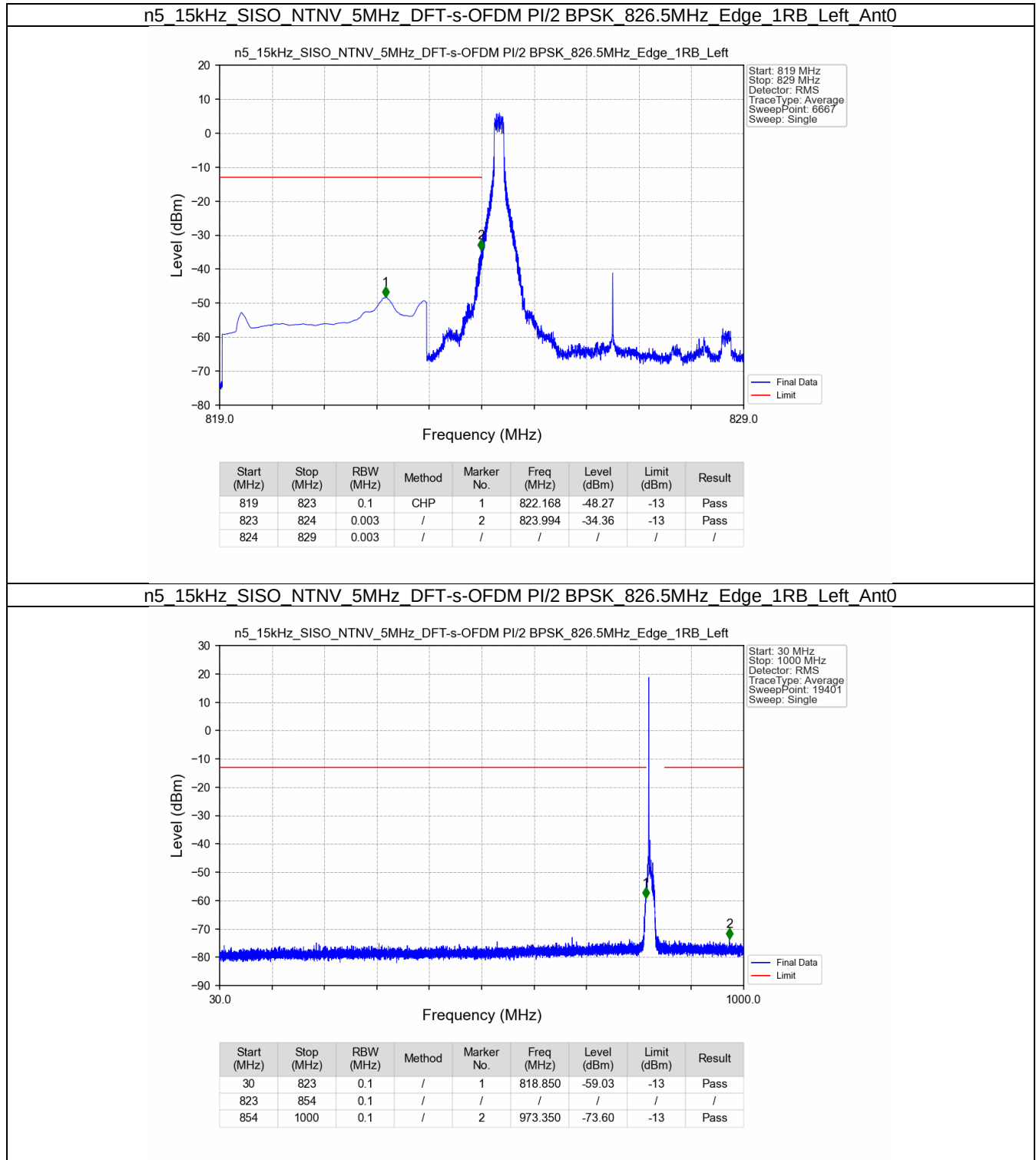
5.1.3 15_S_20M_NTNV

5G NR n5 SCS=15kHz SISO 20MHz NTNV							
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				Pass

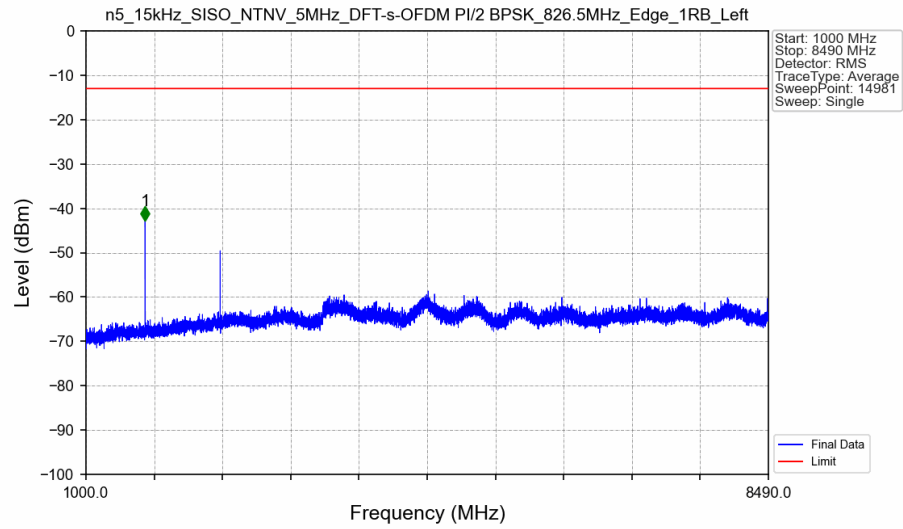
		Outer_Full	Refer To Test Graph	Pass
	836.5	Edge_1RB_Left	Refer To Test Graph	Pass
	839	Edge_1RB_Right	Refer To Test Graph	Pass
		Outer_Full	Refer To Test Graph	Pass
CP-OFDM QPSK	834	Edge_1RB_Left	Refer To Test Graph	Pass
		Outer_Full	Refer To Test Graph	Pass
	836.5	Edge_1RB_Left	Refer To Test Graph	Pass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

5.2 Test Graph

5.2.1 15_S_5M_NTNV

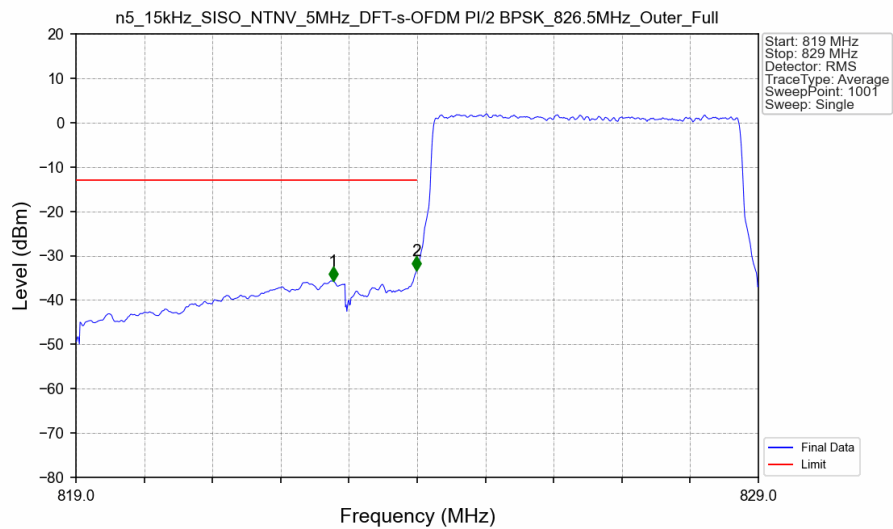


n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_826.5MHz_Edge_1RB_Left_Ant0



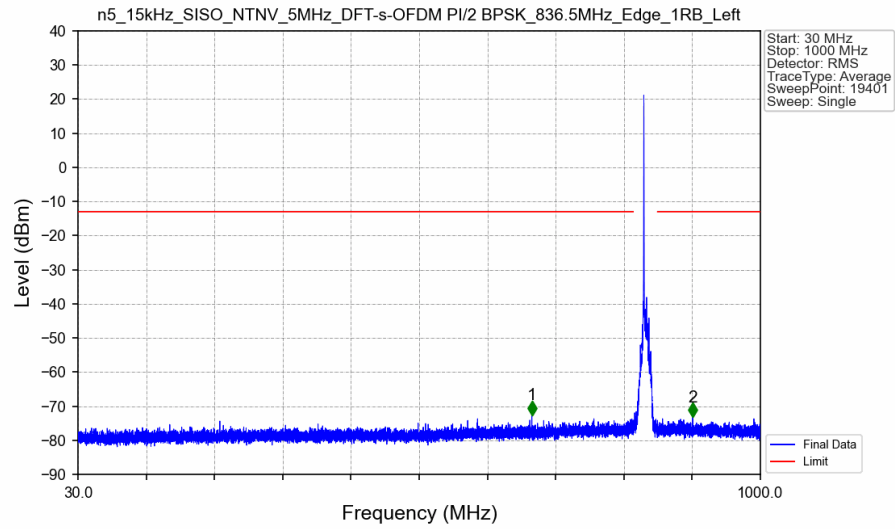
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1648.500	-42.78	-13	Pass

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



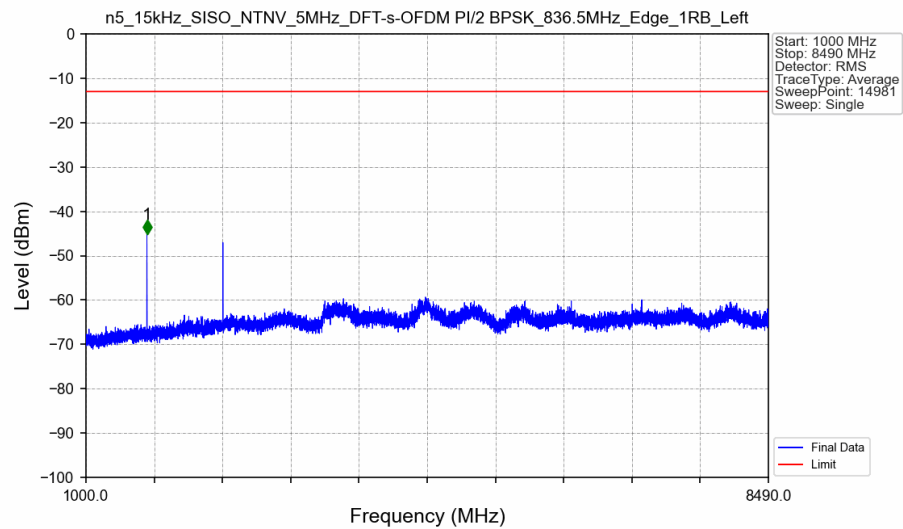
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.770	-35.69	-13	Pass
823	824	0.04981	CHP	2	823.990	-33.31	-13	Pass
824	829	0.04981	CHP	/	/	/	/	/

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_836.5MHz_Edge_1RB_Left_Ant0



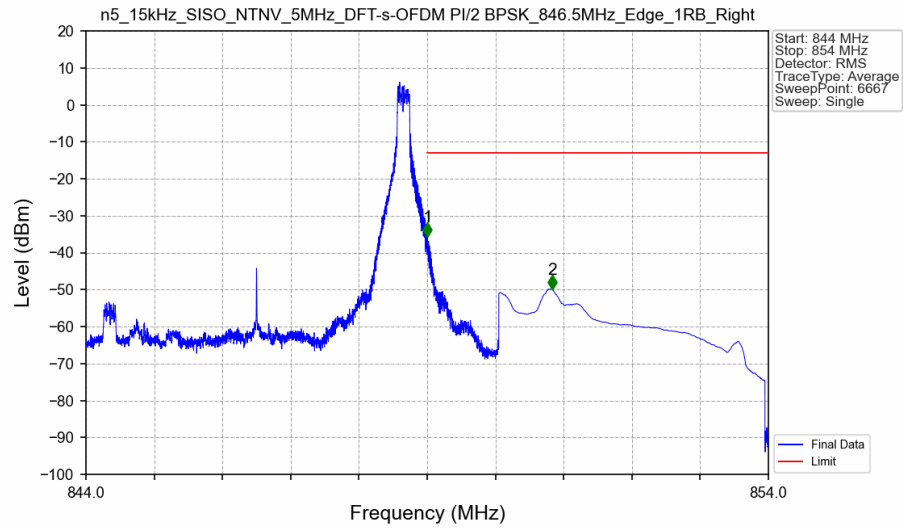
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	675.100	-72.53	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	903.800	-73.21	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_836.5MHz_Edge_1RB_Left_Ant0



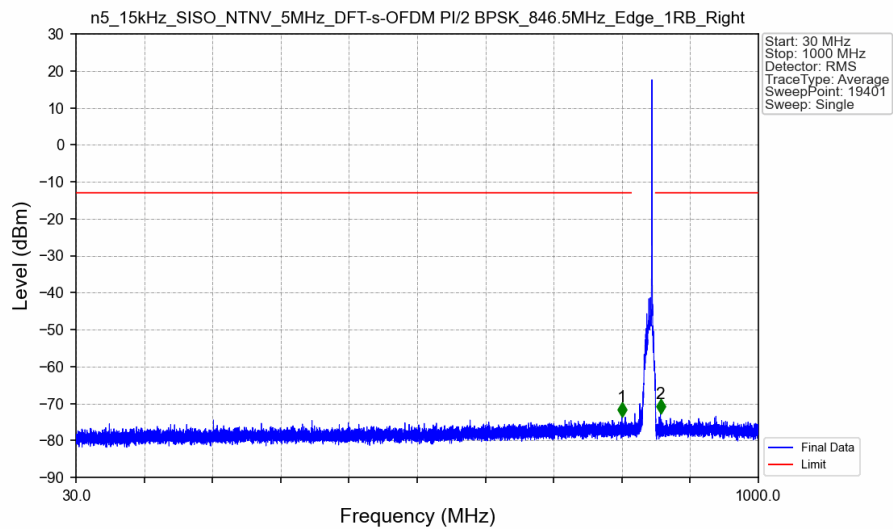
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1668.500	-45.13	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK 846.5MHz_Edge_1RB_Right_Ant0

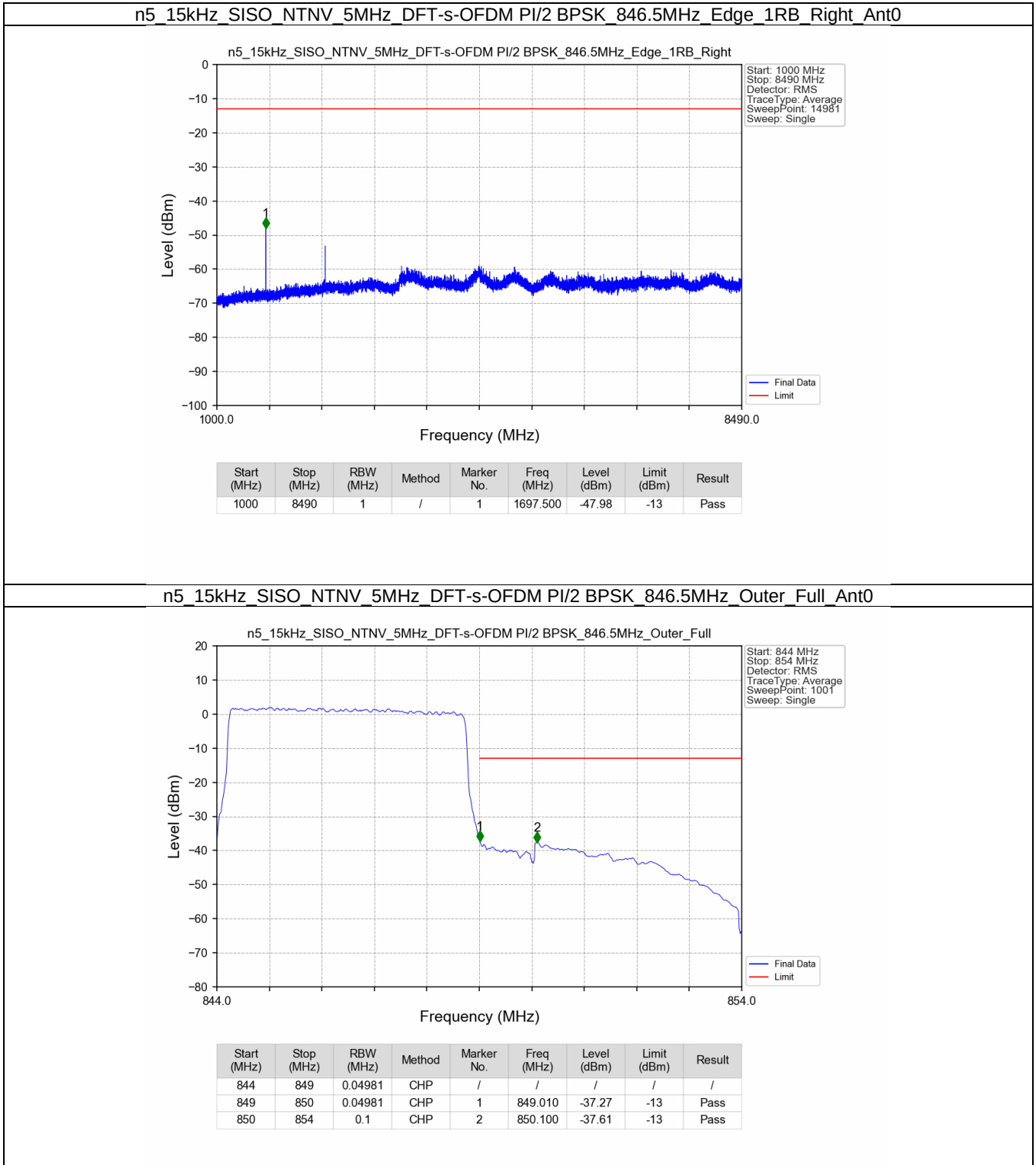


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.005	-35.77	-13	Pass
850	854	0.1	CHP	2	850.835	-49.85	-13	Pass

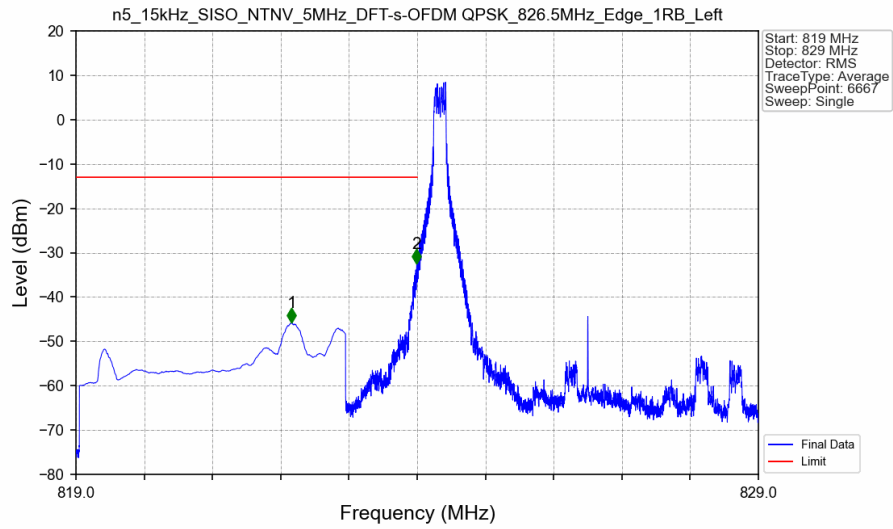
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK 846.5MHz_Edge_1RB_Right_Ant0



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	806.000	-73.48	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	860.750	-72.60	-13	Pass

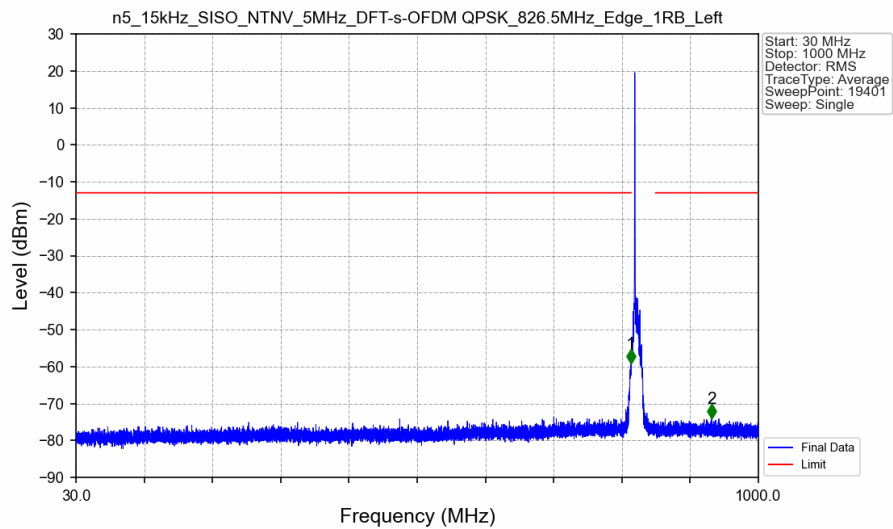


n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK 826.5MHz_Edge_1RB_Left_Ant0



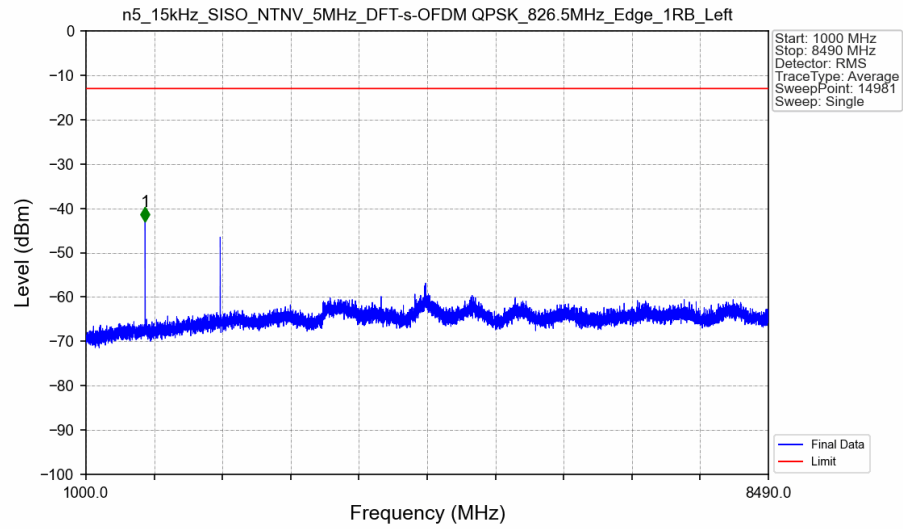
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.161	-45.77	-13	Pass
823	824	0.003	/	2	823.994	-32.33	-13	Pass
824	829	0.003	/	/	/	/	/	/

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK 826.5MHz_Edge_1RB_Left_Ant0



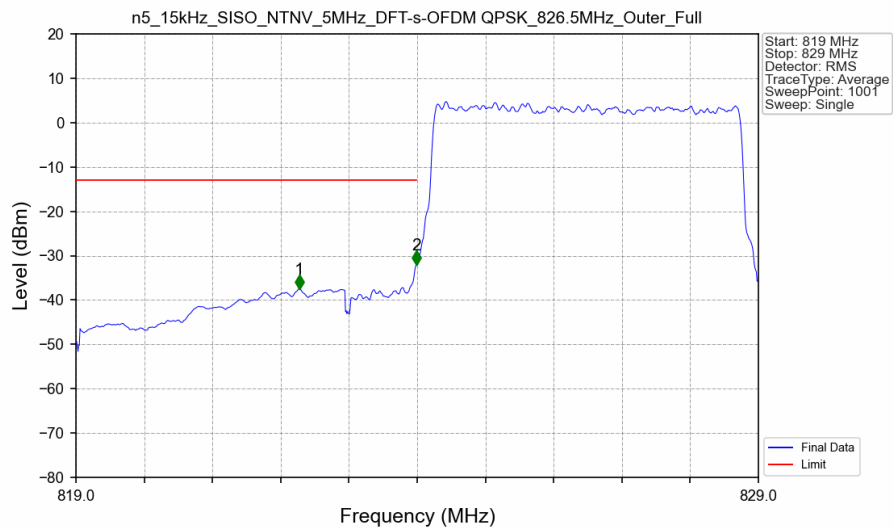
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.450	-59.20	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	933.400	-74.04	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK 826.5MHz_Edge_1RB_Left_Ant0



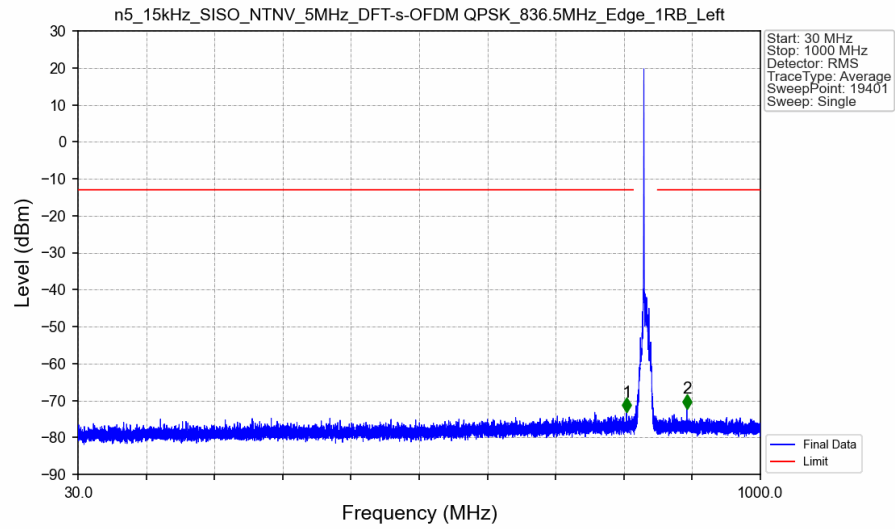
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1648.500	-42.97	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK 826.5MHz_Outer_Full_Ant0

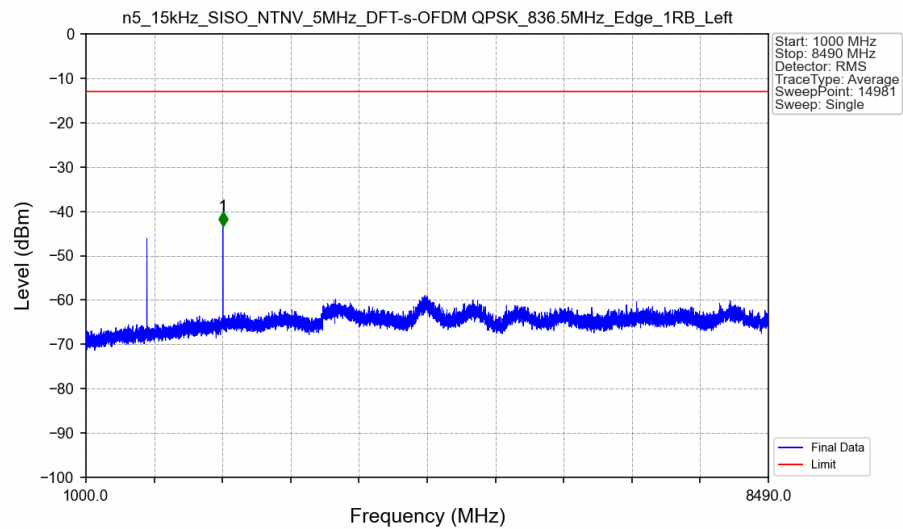


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.270	-37.53	-13	Pass
823	824	0.04981	CHP	2	823.990	-32.07	-13	Pass
824	829	0.04981	CHP	/	/	/	/	/

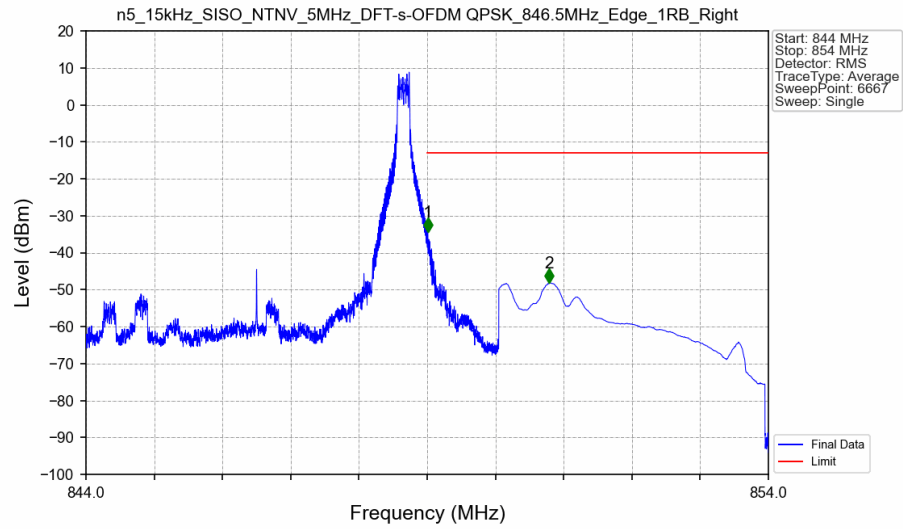
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_836.5MHz_Edge_1RB_Left_Ant0



n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_836.5MHz_Edge_1RB_Left_Ant0

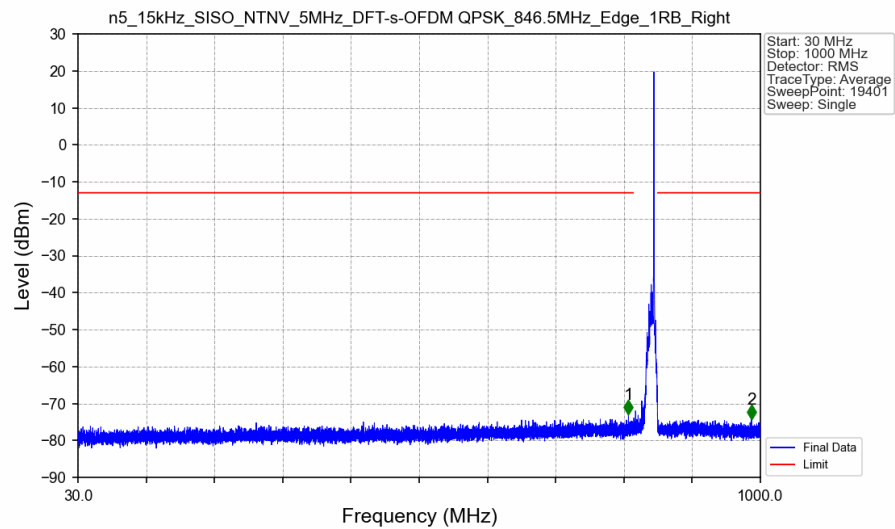


n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_846.5MHz_Edge_1RB_Right_Ant0



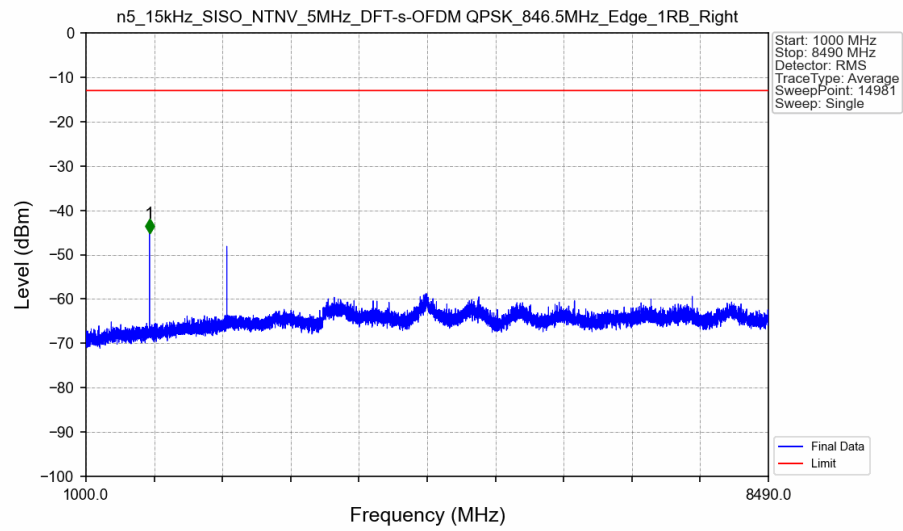
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.008	-34.36	-13	Pass
850	854	0.1	CHP	2	850.790	-48.19	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_846.5MHz_Edge_1RB_Right_Ant0



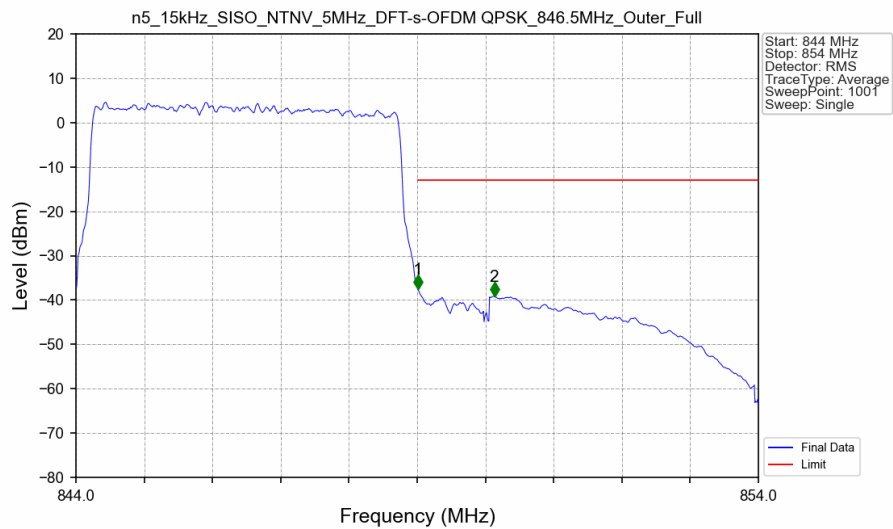
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	812.500	-72.91	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	987.300	-74.26	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_846.5MHz_Edge_1RB_Right_Ant0



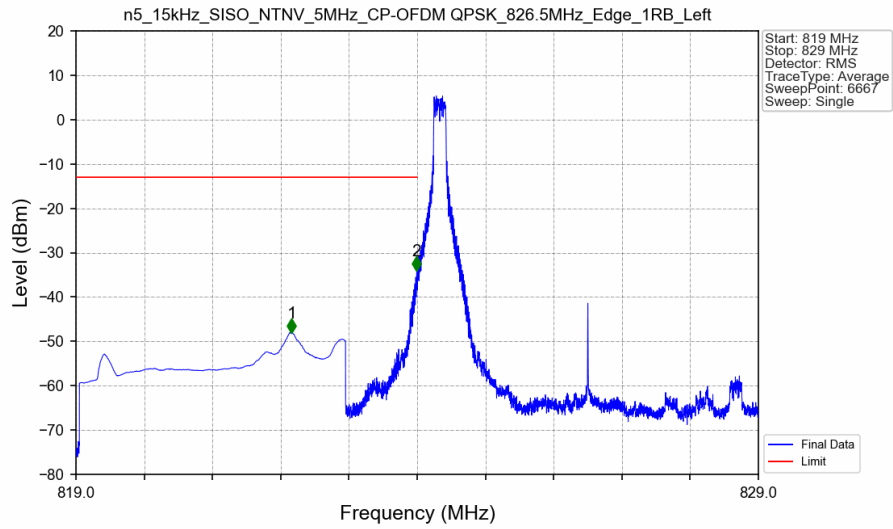
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1697.500	-45.14	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_846.5MHz_Outer_Full_Ant0



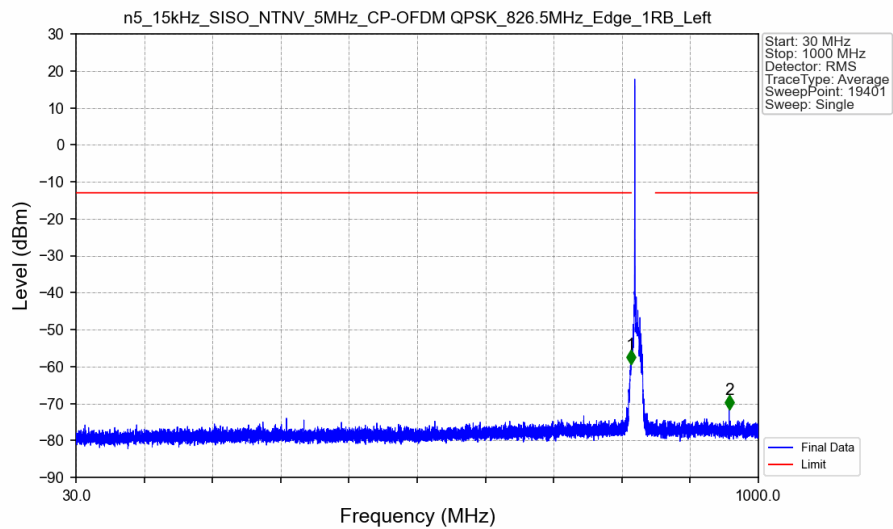
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.04981	CHP	/	/	/	/	/
849	850	0.04981	CHP	1	849.010	-37.50	-13	Pass
850	854	0.1	CHP	2	850.130	-39.14	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK 826.5MHz_Edge_1RB_Left Ant0



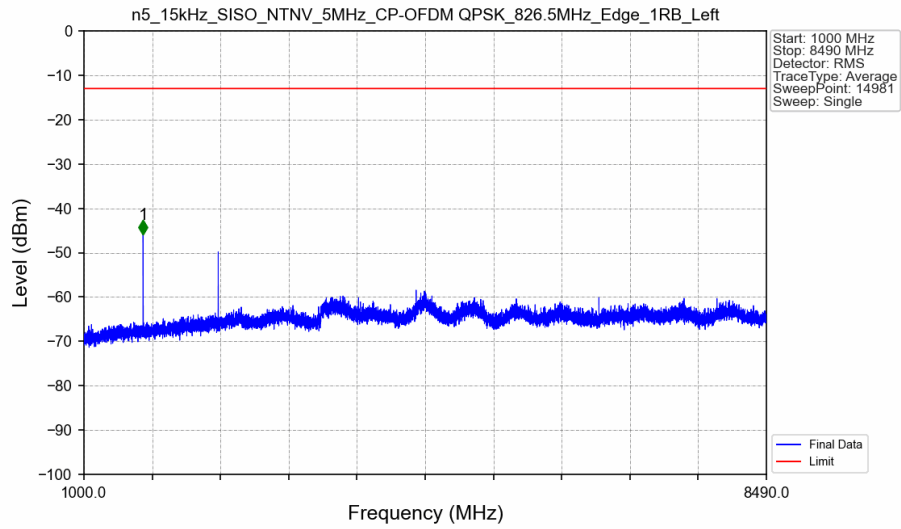
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.161	-48.01	-13	Pass
823	824	0.003	/	2	823.994	-34.00	-13	Pass
824	829	0.003	/	/	/	/	/	/

n5_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK 826.5MHz_Edge_1RB_Left Ant0



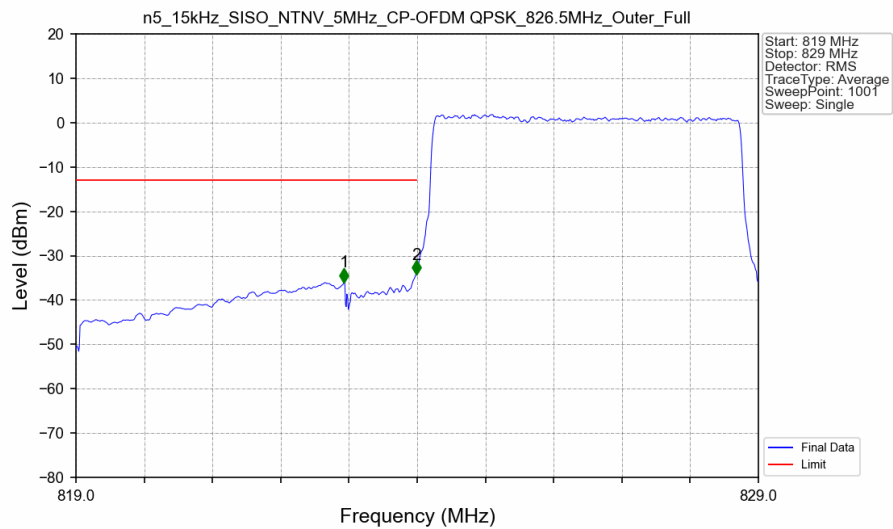
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.800	-59.29	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	958.400	-71.48	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK 826.5MHz_Edge_1RB_Left_Ant0



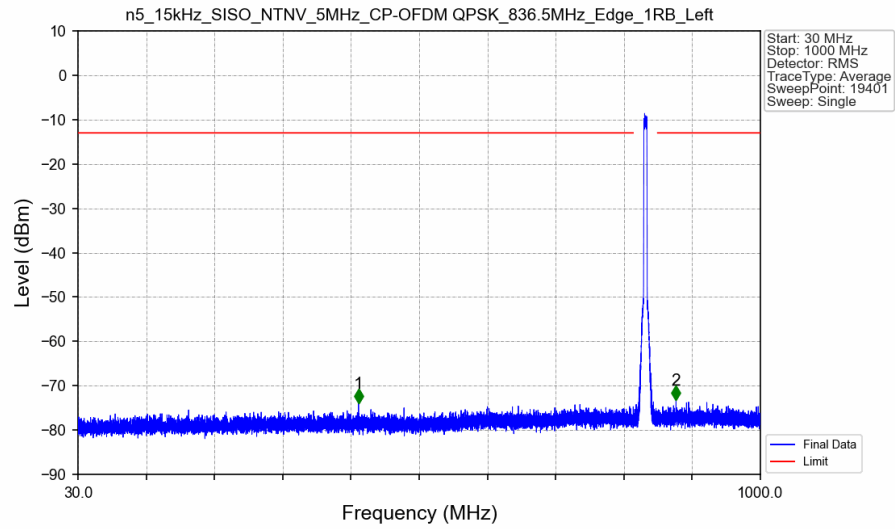
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1648.500	-45.85	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK 826.5MHz_Outer_Full_Ant0

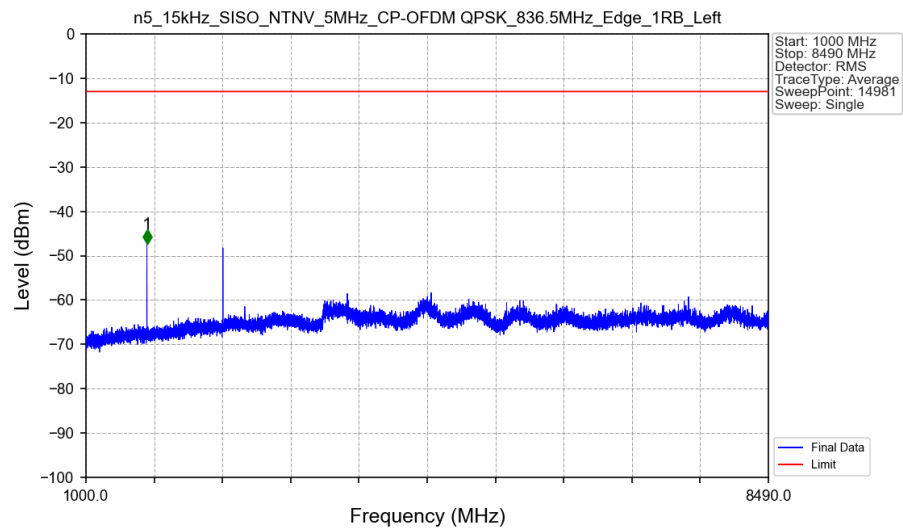


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.930	-35.96	-13	Pass
823	824	0.04981	CHP	2	823.990	-34.14	-13	Pass
824	829	0.04981	CHP	/	/	/	/	/

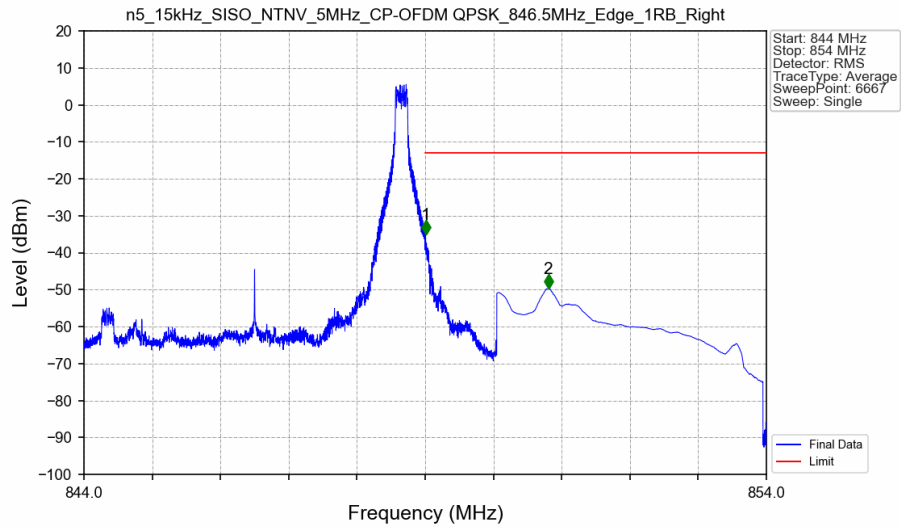
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_836.5MHz_Edge_1RB_Left_Ant0



n5_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_836.5MHz_Edge_1RB_Left_Ant0

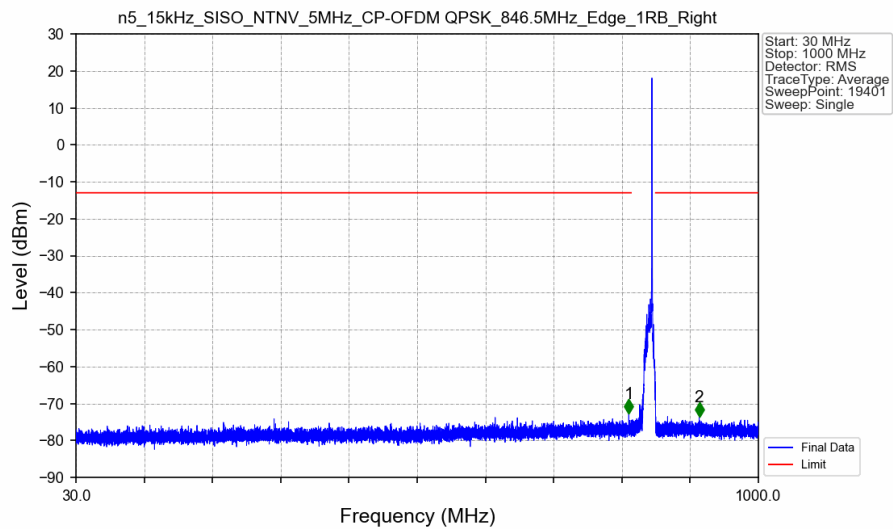


n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_846.5MHz_Edge_1RB_Right_Ant0



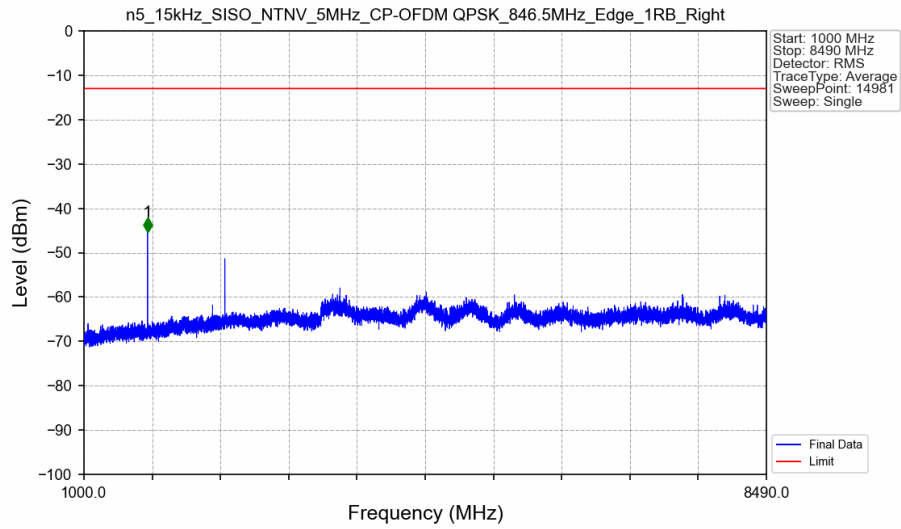
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.006	-35.06	-13	Pass
850	854	0.1	CHP	2	850.803	-49.76	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_846.5MHz_Edge_1RB_Right_Ant0



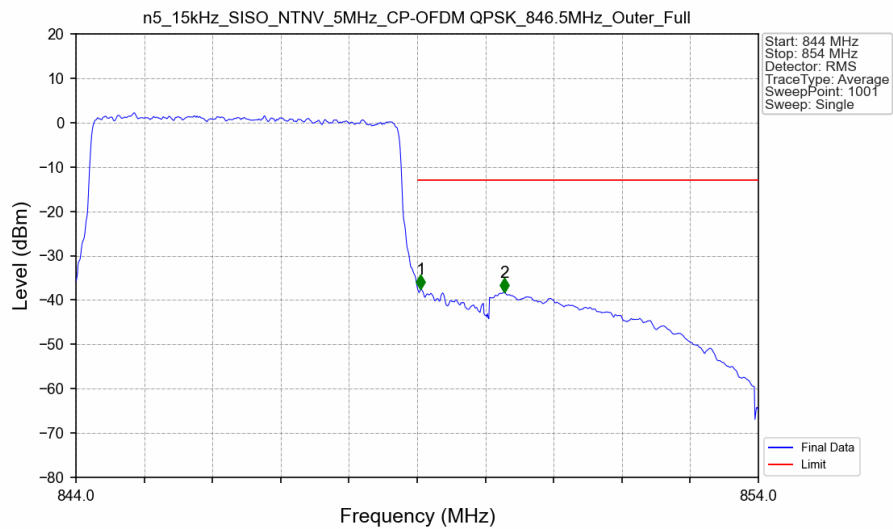
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	815.800	-72.77	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	915.800	-73.54	-13	Pass

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
1000	8490	1	/	1	1697.500	-45.32	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_CP-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	0.04981	CHP	/	/	/	/	/
849	850	0.04981	CHP	1	849.050	-37.59	-13	Pass
850	854	0.1	CHP	2	850.280	-38.30	-13	Pass