

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
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	826.5	Edge_1RB_Left	24.49	/	/	19.54	/	/	<=38.45	Pass
		Edge_1RB_Right	24.18	/	/	19.23	/	/	<=38.45	Pass
		Outer_Full	24.30	/	/	19.35	/	/	<=38.45	Pass
		Inner_Full	24.72	/	/	19.77	/	/	<=38.45	Pass
		Inner_1RB_Left	25.00	/	/	20.05	/	/	<=38.45	Pass
		Inner_1RB_Right	24.59	/	/	19.64	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	23.91	/	/	18.96	/	/	<=38.45	Pass
		Edge_1RB_Right	23.92	/	/	18.97	/	/	<=38.45	Pass
		Outer_Full	23.97	/	/	19.02	/	/	<=38.45	Pass
		Inner_Full	24.38	/	/	19.43	/	/	<=38.45	Pass
		Inner_1RB_Left	24.67	/	/	19.72	/	/	<=38.45	Pass
		Inner_1RB_Right	24.65	/	/	19.70	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	24.57	/	/	19.62	/	/	<=38.45	Pass
		Edge_1RB_Right	24.81	/	/	19.86	/	/	<=38.45	Pass
		Outer_Full	24.67	/	/	19.72	/	/	<=38.45	Pass
		Inner_Full	24.99	/	/	20.04	/	/	<=38.45	Pass
		Inner_1RB_Left	24.89	/	/	19.94	/	/	<=38.45	Pass
DFT-s-OFDM QPSK	826.5	Edge_1RB_Left	24.07	/	/	19.12	/	/	<=38.45	Pass
		Edge_1RB_Right	24.05	/	/	19.10	/	/	<=38.45	Pass
		Outer_Full	24.09	/	/	19.14	/	/	<=38.45	Pass
		Inner_Full	24.88	/	/	19.93	/	/	<=38.45	Pass
		Inner_1RB_Left	25.16	/	/	20.22	/	/	<=38.45	Pass
		Inner_1RB_Right	25.02	/	/	20.07	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	24.68	/	/	19.73	/	/	<=38.45	Pass
		Edge_1RB_Right	24.88	/	/	19.93	/	/	<=38.45	Pass
		Outer_Full	24.00	/	/	19.05	/	/	<=38.45	Pass
		Inner_Full	24.87	/	/	19.92	/	/	<=38.45	Pass
		Inner_1RB_Left	24.94	/	/	19.99	/	/	<=38.45	Pass
		Inner_1RB_Right	24.93	/	/	19.98	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	24.17	/	/	19.22	/	/	<=38.45	Pass
		Edge_1RB_Right	24.21	/	/	19.26	/	/	<=38.45	Pass
		Outer_Full	24.02	/	/	19.07	/	/	<=38.45	Pass
		Inner_Full	24.78	/	/	19.83	/	/	<=38.45	Pass
		Inner_1RB_Left	25.19	/	/	20.24	/	/	<=38.45	Pass
DFT-s-OFDM 16 QAM	826.5	Inner_1RB_Right	25.02	/	/	20.07	/	/	<=38.45	Pass
		Edge_1RB_Left	22.83	/	/	17.88	/	/	<=38.45	Pass
		Edge_1RB_Right	23.03	/	/	18.08	/	/	<=38.45	Pass
		Outer_Full	22.94	/	/	17.99	/	/	<=38.45	Pass
		Inner_Full	24.00	/	/	19.05	/	/	<=38.45	Pass
		Inner_1RB_Left	23.93	/	/	18.98	/	/	<=38.45	Pass
	836.5	Inner_1RB_Right	23.95	/	/	19.00	/	/	<=38.45	Pass
		Edge_1RB_Left	22.47	/	/	17.52	/	/	<=38.45	Pass
		Edge_1RB_Right	22.71	/	/	17.76	/	/	<=38.45	Pass
		Outer_Full	22.98	/	/	18.03	/	/	<=38.45	Pass
		Inner_Full	23.54	/	/	18.59	/	/	<=38.45	Pass
	846.5	Inner_1RB_Left	22.83	/	/	17.88	/	/	<=38.45	Pass
		Inner_1RB_Right	23.93	/	/	18.98	/	/	<=38.45	Pass
		Edge_1RB_Left	22.79	/	/	17.84	/	/	<=38.45	Pass
		Edge_1RB_Right	22.99	/	/	18.04	/	/	<=38.45	Pass
		Outer_Full	22.91	/	/	17.96	/	/	<=38.45	Pass
		Inner_Full	23.86	/	/	18.91	/	/	<=38.45	Pass
		Inner_1RB_Left	23.95	/	/	19.00	/	/	<=38.45	Pass
		Inner_1RB_Right	24.17	/	/	19.22	/	/	<=38.45	Pass

DFT-s-OFDM 64 QAM	826.5	Edge_1RB_Left	22.63	/	/	17.68	/	/	<=38.45	Pass
		Edge_1RB_Right	22.69	/	/	17.74	/	/	<=38.45	Pass
		Outer_Full	22.51	/	/	17.56	/	/	<=38.45	Pass
		Inner_Full	22.50	/	/	17.55	/	/	<=38.45	Pass
		Inner_1RB_Left	22.60	/	/	17.65	/	/	<=38.45	Pass
		Inner_1RB_Right	22.72	/	/	17.77	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	22.57	/	/	17.62	/	/	<=38.45	Pass
		Edge_1RB_Right	22.51	/	/	17.56	/	/	<=38.45	Pass
		Outer_Full	22.55	/	/	17.60	/	/	<=38.45	Pass
		Inner_Full	22.48	/	/	17.53	/	/	<=38.45	Pass
		Inner_1RB_Left	22.44	/	/	17.49	/	/	<=38.45	Pass
		Inner_1RB_Right	22.48	/	/	17.53	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	22.67	/	/	17.72	/	/	<=38.45	Pass
		Edge_1RB_Right	22.67	/	/	17.72	/	/	<=38.45	Pass
		Outer_Full	22.50	/	/	17.55	/	/	<=38.45	Pass
		Inner_Full	22.54	/	/	17.59	/	/	<=38.45	Pass
		Inner_1RB_Left	22.68	/	/	17.73	/	/	<=38.45	Pass
		Inner_1RB_Right	22.63	/	/	17.68	/	/	<=38.45	Pass
DFT-s-OFDM 256 QAM	826.5	Edge_1RB_Left	20.49	/	/	15.54	/	/	<=38.45	Pass
		Edge_1RB_Right	20.56	/	/	15.61	/	/	<=38.45	Pass
		Outer_Full	20.51	/	/	15.56	/	/	<=38.45	Pass
		Inner_Full	20.43	/	/	15.48	/	/	<=38.45	Pass
		Inner_1RB_Left	20.57	/	/	15.62	/	/	<=38.45	Pass
		Inner_1RB_Right	20.57	/	/	15.62	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	20.44	/	/	15.49	/	/	<=38.45	Pass
		Edge_1RB_Right	20.41	/	/	15.46	/	/	<=38.45	Pass
		Outer_Full	20.59	/	/	15.64	/	/	<=38.45	Pass
		Inner_Full	20.46	/	/	15.51	/	/	<=38.45	Pass
		Inner_1RB_Left	20.68	/	/	15.73	/	/	<=38.45	Pass
		Inner_1RB_Right	20.43	/	/	15.48	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	20.55	/	/	15.60	/	/	<=38.45	Pass
		Edge_1RB_Right	20.59	/	/	15.64	/	/	<=38.45	Pass
		Outer_Full	20.50	/	/	15.55	/	/	<=38.45	Pass
		Inner_Full	20.41	/	/	15.46	/	/	<=38.45	Pass
		Inner_1RB_Left	20.56	/	/	15.61	/	/	<=38.45	Pass
		Inner_1RB_Right	20.61	/	/	15.66	/	/	<=38.45	Pass
CP-OFDM QPSK	826.5	Edge_1RB_Left	21.85	/	/	16.90	/	/	<=38.45	Pass
		Edge_1RB_Right	21.91	/	/	16.96	/	/	<=38.45	Pass
		Outer_Full	22.00	/	/	17.05	/	/	<=38.45	Pass
		Inner_Full	23.42	/	/	18.47	/	/	<=38.45	Pass
		Inner_1RB_Left	23.36	/	/	18.42	/	/	<=38.45	Pass
		Inner_1RB_Right	23.48	/	/	18.53	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	22.20	/	/	17.25	/	/	<=38.45	Pass
		Edge_1RB_Right	21.99	/	/	17.04	/	/	<=38.45	Pass
		Outer_Full	22.40	/	/	17.45	/	/	<=38.45	Pass
		Inner_Full	23.40	/	/	18.45	/	/	<=38.45	Pass
		Inner_1RB_Left	23.35	/	/	18.40	/	/	<=38.45	Pass
		Inner_1RB_Right	23.41	/	/	18.47	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	21.84	/	/	16.89	/	/	<=38.45	Pass
		Edge_1RB_Right	21.96	/	/	17.01	/	/	<=38.45	Pass
		Outer_Full	21.96	/	/	17.01	/	/	<=38.45	Pass
		Inner_Full	23.33	/	/	18.38	/	/	<=38.45	Pass
		Inner_1RB_Left	23.24	/	/	18.29	/	/	<=38.45	Pass
		Inner_1RB_Right	23.32	/	/	18.37	/	/	<=38.45	Pass
CP-OFDM 16 QAM	826.5	Edge_1RB_Left	21.79	/	/	16.84	/	/	<=38.45	Pass
		Edge_1RB_Right	21.48	/	/	16.53	/	/	<=38.45	Pass
		Outer_Full	21.93	/	/	16.98	/	/	<=38.45	Pass
		Inner_Full	22.88	/	/	17.93	/	/	<=38.45	Pass
		Inner_1RB_Left	22.72	/	/	17.77	/	/	<=38.45	Pass
		Inner_1RB_Right	22.81	/	/	17.86	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.40	/	/	16.45	/	/	<=38.45	Pass
		Edge_1RB_Right	21.51	/	/	16.56	/	/	<=38.45	Pass
		Outer_Full	21.93	/	/	16.98	/	/	<=38.45	Pass
		Inner_Full	22.67	/	/	17.72	/	/	<=38.45	Pass

		Inner_1RB_Left	22.62	/	/	17.67	/	/	<=38.45	Pass
		Inner_1RB_Right	22.73	/	/	17.78	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	21.77	/	/	16.82	/	/	<=38.45	Pass
		Edge_1RB_Right	21.85	/	/	16.90	/	/	<=38.45	Pass
		Outer_Full	21.98	/	/	17.03	/	/	<=38.45	Pass
		Inner_Full	22.90	/	/	17.95	/	/	<=38.45	Pass
		Inner_1RB_Left	22.95	/	/	18.00	/	/	<=38.45	Pass
		Inner_1RB_Right	22.81	/	/	17.86	/	/	<=38.45	Pass
CP-OFDM 64 QAM	826.5	Edge_1RB_Left	21.73	/	/	16.79	/	/	<=38.45	Pass
		Edge_1RB_Right	21.78	/	/	16.83	/	/	<=38.45	Pass
		Outer_Full	21.42	/	/	16.47	/	/	<=38.45	Pass
		Inner_Full	21.45	/	/	16.51	/	/	<=38.45	Pass
		Inner_1RB_Left	21.57	/	/	16.62	/	/	<=38.45	Pass
		Inner_1RB_Right	21.71	/	/	16.77	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.50	/	/	16.55	/	/	<=38.45	Pass
		Edge_1RB_Right	21.75	/	/	16.80	/	/	<=38.45	Pass
		Outer_Full	21.49	/	/	16.54	/	/	<=38.45	Pass
		Inner_Full	21.72	/	/	16.77	/	/	<=38.45	Pass
		Inner_1RB_Left	21.56	/	/	16.61	/	/	<=38.45	Pass
		Inner_1RB_Right	21.61	/	/	16.66	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	21.68	/	/	16.74	/	/	<=38.45	Pass
		Edge_1RB_Right	21.88	/	/	16.93	/	/	<=38.45	Pass
		Outer_Full	21.48	/	/	16.53	/	/	<=38.45	Pass
		Inner_Full	21.43	/	/	16.48	/	/	<=38.45	Pass
		Inner_1RB_Left	21.80	/	/	16.85	/	/	<=38.45	Pass
		Inner_1RB_Right	21.85	/	/	16.90	/	/	<=38.45	Pass
CP-OFDM 256 QAM	826.5	Edge_1RB_Left	18.54	/	/	13.59	/	/	<=38.45	Pass
		Edge_1RB_Right	18.54	/	/	13.59	/	/	<=38.45	Pass
		Outer_Full	18.51	/	/	13.56	/	/	<=38.45	Pass
		Inner_Full	18.37	/	/	13.42	/	/	<=38.45	Pass
		Inner_1RB_Left	18.61	/	/	13.66	/	/	<=38.45	Pass
		Inner_1RB_Right	18.60	/	/	13.65	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	18.73	/	/	13.78	/	/	<=38.45	Pass
		Edge_1RB_Right	18.41	/	/	13.46	/	/	<=38.45	Pass
		Outer_Full	18.41	/	/	13.46	/	/	<=38.45	Pass
		Inner_Full	18.48	/	/	13.53	/	/	<=38.45	Pass
		Inner_1RB_Left	18.78	/	/	13.83	/	/	<=38.45	Pass
		Inner_1RB_Right	18.64	/	/	13.69	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	18.55	/	/	13.60	/	/	<=38.45	Pass
		Edge_1RB_Right	18.58	/	/	13.63	/	/	<=38.45	Pass
		Outer_Full	18.46	/	/	13.51	/	/	<=38.45	Pass
		Inner_Full	18.38	/	/	13.43	/	/	<=38.45	Pass
		Inner_1RB_Left	18.58	/	/	13.63	/	/	<=38.45	Pass
		Inner_1RB_Right	18.56	/	/	13.61	/	/	<=38.45	Pass
Note1: Antenna Gain: Ant1: -2.80dBi; 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
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	829	Edge_1RB_Left	24.59	/	/	19.64	/	/	<=38.45	Pass
		Edge_1RB_Right	23.98	/	/	19.03	/	/	<=38.45	Pass
		Outer_Full	24.14	/	/	19.19	/	/	<=38.45	Pass
		Inner_Full	24.52	/	/	19.57	/	/	<=38.45	Pass
		Inner_1RB_Left	24.99	/	/	20.04	/	/	<=38.45	Pass
		Inner_1RB_Right	24.32	/	/	19.37	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	24.00	/	/	19.05	/	/	<=38.45	Pass
		Edge_1RB_Right	24.21	/	/	19.26	/	/	<=38.45	Pass
		Outer_Full	24.16	/	/	19.21	/	/	<=38.45	Pass
		Inner_Full	24.42	/	/	19.47	/	/	<=38.45	Pass

		Inner_1RB_Left	24.45	/	/	19.50	/	/	<=38.45	Pass
		Inner_1RB_Right	24.61	/	/	19.66	/	/	<=38.45	Pass
	844	Edge_1RB_Left	24.17	/	/	19.22	/	/	<=38.45	Pass
		Edge_1RB_Right	24.82	/	/	19.87	/	/	<=38.45	Pass
		Outer_Full	24.37	/	/	19.42	/	/	<=38.45	Pass
		Inner_Full	24.75	/	/	19.80	/	/	<=38.45	Pass
		Inner_1RB_Left	24.72	/	/	19.77	/	/	<=38.45	Pass
		Inner_1RB_Right	25.23	/	/	20.28	/	/	<=38.45	Pass
DFT-s-OFDM QPSK	829	Edge_1RB_Left	24.29	/	/	19.34	/	/	<=38.45	Pass
		Edge_1RB_Right	24.17	/	/	19.22	/	/	<=38.45	Pass
		Outer_Full	24.05	/	/	19.10	/	/	<=38.45	Pass
		Inner_Full	24.98	/	/	20.03	/	/	<=38.45	Pass
		Inner_1RB_Left	25.16	/	/	20.21	/	/	<=38.45	Pass
		Inner_1RB_Right	25.20	/	/	20.25	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	24.18	/	/	19.23	/	/	<=38.45	Pass
		Edge_1RB_Right	24.18	/	/	19.23	/	/	<=38.45	Pass
		Outer_Full	24.02	/	/	19.07	/	/	<=38.45	Pass
		Inner_Full	24.94	/	/	19.99	/	/	<=38.45	Pass
		Inner_1RB_Left	25.21	/	/	20.26	/	/	<=38.45	Pass
		Inner_1RB_Right	25.20	/	/	20.25	/	/	<=38.45	Pass
	844	Edge_1RB_Left	24.22	/	/	19.27	/	/	<=38.45	Pass
		Edge_1RB_Right	24.28	/	/	19.33	/	/	<=38.45	Pass
		Outer_Full	24.03	/	/	19.08	/	/	<=38.45	Pass
		Inner_Full	24.85	/	/	19.90	/	/	<=38.45	Pass
		Inner_1RB_Left	25.30	/	/	20.35	/	/	<=38.45	Pass
		Inner_1RB_Right	25.23	/	/	20.28	/	/	<=38.45	Pass
DFT-s-OFDM 16 QAM	829	Edge_1RB_Left	23.01	/	/	18.06	/	/	<=38.45	Pass
		Edge_1RB_Right	22.91	/	/	17.96	/	/	<=38.45	Pass
		Outer_Full	23.04	/	/	18.09	/	/	<=38.45	Pass
		Inner_Full	24.03	/	/	19.08	/	/	<=38.45	Pass
		Inner_1RB_Left	24.07	/	/	19.13	/	/	<=38.45	Pass
		Inner_1RB_Right	23.98	/	/	19.03	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	22.89	/	/	17.94	/	/	<=38.45	Pass
		Edge_1RB_Right	22.90	/	/	17.95	/	/	<=38.45	Pass
		Outer_Full	23.01	/	/	18.06	/	/	<=38.45	Pass
		Inner_Full	23.96	/	/	19.01	/	/	<=38.45	Pass
		Inner_1RB_Left	23.99	/	/	19.04	/	/	<=38.45	Pass
		Inner_1RB_Right	23.97	/	/	19.02	/	/	<=38.45	Pass
	844	Edge_1RB_Left	22.89	/	/	17.95	/	/	<=38.45	Pass
		Edge_1RB_Right	23.07	/	/	18.12	/	/	<=38.45	Pass
		Outer_Full	22.95	/	/	18.00	/	/	<=38.45	Pass
		Inner_Full	24.04	/	/	19.09	/	/	<=38.45	Pass
		Inner_1RB_Left	24.23	/	/	19.28	/	/	<=38.45	Pass
		Inner_1RB_Right	24.07	/	/	19.12	/	/	<=38.45	Pass
DFT-s-OFDM 64 QAM	829	Edge_1RB_Left	22.81	/	/	17.86	/	/	<=38.45	Pass
		Edge_1RB_Right	22.70	/	/	17.75	/	/	<=38.45	Pass
		Outer_Full	22.57	/	/	17.62	/	/	<=38.45	Pass
		Inner_Full	22.60	/	/	17.65	/	/	<=38.45	Pass
		Inner_1RB_Left	22.64	/	/	17.69	/	/	<=38.45	Pass
		Inner_1RB_Right	22.73	/	/	17.78	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	22.71	/	/	17.76	/	/	<=38.45	Pass
		Edge_1RB_Right	22.70	/	/	17.75	/	/	<=38.45	Pass
		Outer_Full	22.50	/	/	17.55	/	/	<=38.45	Pass
		Inner_Full	22.52	/	/	17.57	/	/	<=38.45	Pass
		Inner_1RB_Left	22.61	/	/	17.66	/	/	<=38.45	Pass
		Inner_1RB_Right	22.73	/	/	17.78	/	/	<=38.45	Pass
	844	Edge_1RB_Left	22.73	/	/	17.78	/	/	<=38.45	Pass
		Edge_1RB_Right	22.69	/	/	17.74	/	/	<=38.45	Pass
		Outer_Full	22.50	/	/	17.55	/	/	<=38.45	Pass
		Inner_Full	22.59	/	/	17.64	/	/	<=38.45	Pass
		Inner_1RB_Left	22.76	/	/	17.81	/	/	<=38.45	Pass
		Inner_1RB_Right	22.72	/	/	17.77	/	/	<=38.45	Pass
DFT-s-OFDM 256 QAM	829	Edge_1RB_Left	20.64	/	/	15.69	/	/	<=38.45	Pass
		Edge_1RB_Right	20.55	/	/	15.60	/	/	<=38.45	Pass

		Outer_Full	20.58	/	/	15.63	/	/	<=38.45	Pass
		Inner_Full	20.45	/	/	15.50	/	/	<=38.45	Pass
		Inner_1RB_Left	20.70	/	/	15.75	/	/	<=38.45	Pass
		Inner_1RB_Right	20.59	/	/	15.64	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	20.55	/	/	15.60	/	/	<=38.45	Pass
		Edge_1RB_Right	20.37	/	/	15.42	/	/	<=38.45	Pass
		Outer_Full	20.76	/	/	15.81	/	/	<=38.45	Pass
		Inner_Full	20.33	/	/	15.38	/	/	<=38.45	Pass
		Inner_1RB_Left	20.66	/	/	15.71	/	/	<=38.45	Pass
		Inner_1RB_Right	20.61	/	/	15.66	/	/	<=38.45	Pass
	844	Edge_1RB_Left	20.58	/	/	15.63	/	/	<=38.45	Pass
		Edge_1RB_Right	20.61	/	/	15.66	/	/	<=38.45	Pass
		Outer_Full	20.52	/	/	15.57	/	/	<=38.45	Pass
		Inner_Full	20.43	/	/	15.48	/	/	<=38.45	Pass
		Inner_1RB_Left	20.65	/	/	15.70	/	/	<=38.45	Pass
		Inner_1RB_Right	20.67	/	/	15.72	/	/	<=38.45	Pass
CP-OFDM QPSK		Edge_1RB_Left	22.06	/	/	17.11	/	/	<=38.45	Pass
		Edge_1RB_Right	22.00	/	/	17.05	/	/	<=38.45	Pass
	829	Outer_Full	22.00	/	/	17.05	/	/	<=38.45	Pass
		Inner_Full	23.58	/	/	18.63	/	/	<=38.45	Pass
		Inner_1RB_Left	23.49	/	/	18.54	/	/	<=38.45	Pass
		Inner_1RB_Right	23.40	/	/	18.45	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.96	/	/	17.01	/	/	<=38.45	Pass
		Edge_1RB_Right	21.58	/	/	16.63	/	/	<=38.45	Pass
		Outer_Full	21.99	/	/	17.04	/	/	<=38.45	Pass
		Inner_Full	23.51	/	/	18.56	/	/	<=38.45	Pass
		Inner_1RB_Left	23.53	/	/	18.58	/	/	<=38.45	Pass
		Inner_1RB_Right	23.45	/	/	18.50	/	/	<=38.45	Pass
	844	Edge_1RB_Left	21.95	/	/	17.00	/	/	<=38.45	Pass
		Edge_1RB_Right	21.91	/	/	16.96	/	/	<=38.45	Pass
		Outer_Full	22.00	/	/	17.05	/	/	<=38.45	Pass
		Inner_Full	23.46	/	/	18.51	/	/	<=38.45	Pass
CP-OFDM 16 QAM		Inner_1RB_Left	23.66	/	/	18.71	/	/	<=38.45	Pass
		Inner_1RB_Right	23.37	/	/	18.42	/	/	<=38.45	Pass
	829	Edge_1RB_Left	21.98	/	/	17.03	/	/	<=38.45	Pass
		Edge_1RB_Right	21.93	/	/	16.98	/	/	<=38.45	Pass
		Outer_Full	22.04	/	/	17.09	/	/	<=38.45	Pass
		Inner_Full	23.01	/	/	18.06	/	/	<=38.45	Pass
	836.5	Inner_1RB_Left	22.97	/	/	18.02	/	/	<=38.45	Pass
		Inner_1RB_Right	22.86	/	/	17.91	/	/	<=38.45	Pass
		Edge_1RB_Left	21.48	/	/	16.53	/	/	<=38.45	Pass
		Edge_1RB_Right	21.44	/	/	16.49	/	/	<=38.45	Pass
		Outer_Full	21.66	/	/	16.71	/	/	<=38.45	Pass
		Inner_Full	22.61	/	/	17.66	/	/	<=38.45	Pass
		Inner_1RB_Left	22.83	/	/	17.88	/	/	<=38.45	Pass
		Inner_1RB_Right	22.77	/	/	17.82	/	/	<=38.45	Pass
	844	Edge_1RB_Left	21.91	/	/	16.96	/	/	<=38.45	Pass
		Edge_1RB_Right	21.93	/	/	16.98	/	/	<=38.45	Pass
		Outer_Full	22.01	/	/	17.06	/	/	<=38.45	Pass
		Inner_Full	22.90	/	/	17.95	/	/	<=38.45	Pass
CP-OFDM 64 QAM		Inner_1RB_Left	22.86	/	/	17.91	/	/	<=38.45	Pass
		Inner_1RB_Right	23.03	/	/	18.08	/	/	<=38.45	Pass
	829	Edge_1RB_Left	21.89	/	/	16.94	/	/	<=38.45	Pass
		Edge_1RB_Right	21.83	/	/	16.88	/	/	<=38.45	Pass
		Outer_Full	21.56	/	/	16.61	/	/	<=38.45	Pass
		Inner_Full	21.47	/	/	16.52	/	/	<=38.45	Pass
	836.5	Inner_1RB_Left	21.90	/	/	16.95	/	/	<=38.45	Pass
		Inner_1RB_Right	21.77	/	/	16.82	/	/	<=38.45	Pass
		Edge_1RB_Left	21.74	/	/	16.79	/	/	<=38.45	Pass
		Edge_1RB_Right	21.67	/	/	16.72	/	/	<=38.45	Pass
		Outer_Full	21.47	/	/	16.53	/	/	<=38.45	Pass
		Inner_Full	21.61	/	/	16.66	/	/	<=38.45	Pass
		Inner_1RB_Left	21.79	/	/	16.84	/	/	<=38.45	Pass
		Inner_1RB_Right	21.66	/	/	16.71	/	/	<=38.45	Pass

	844	Edge_1RB_Left	21.89	/	/	16.94	/	/	<=38.45	Pass
		Edge_1RB_Right	21.87	/	/	16.92	/	/	<=38.45	Pass
		Outer_Full	21.47	/	/	16.52	/	/	<=38.45	Pass
		Inner_Full	21.48	/	/	16.53	/	/	<=38.45	Pass
		Inner_1RB_Left	21.95	/	/	17.00	/	/	<=38.45	Pass
		Inner_1RB_Right	21.90	/	/	16.95	/	/	<=38.45	Pass
CP-OFDM 256 QAM	829	Edge_1RB_Left	18.68	/	/	13.73	/	/	<=38.45	Pass
		Edge_1RB_Right	18.59	/	/	13.64	/	/	<=38.45	Pass
		Outer_Full	18.54	/	/	13.59	/	/	<=38.45	Pass
		Inner_Full	18.37	/	/	13.42	/	/	<=38.45	Pass
		Inner_1RB_Left	18.73	/	/	13.78	/	/	<=38.45	Pass
		Inner_1RB_Right	18.63	/	/	13.68	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	18.58	/	/	13.63	/	/	<=38.45	Pass
		Edge_1RB_Right	18.81	/	/	13.86	/	/	<=38.45	Pass
		Outer_Full	18.63	/	/	13.68	/	/	<=38.45	Pass
		Inner_Full	18.16	/	/	13.21	/	/	<=38.45	Pass
		Inner_1RB_Left	18.79	/	/	13.84	/	/	<=38.45	Pass
		Inner_1RB_Right	18.61	/	/	13.66	/	/	<=38.45	Pass
	844	Edge_1RB_Left	18.73	/	/	13.78	/	/	<=38.45	Pass
		Edge_1RB_Right	18.61	/	/	13.66	/	/	<=38.45	Pass
		Outer_Full	18.47	/	/	13.52	/	/	<=38.45	Pass
		Inner_Full	18.34	/	/	13.39	/	/	<=38.45	Pass
		Inner_1RB_Left	18.69	/	/	13.74	/	/	<=38.45	Pass
		Inner_1RB_Right	18.61	/	/	13.66	/	/	<=38.45	Pass
Note1: Antenna Gain: Ant1: -2.80dBi; 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
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	831.5	Edge_1RB_Left	24.41	/	/	19.46	/	/	<=38.45	Pass
		Edge_1RB_Right	23.87	/	/	18.92	/	/	<=38.45	Pass
		Outer_Full	24.16	/	/	19.21	/	/	<=38.45	Pass
		Inner_Full	24.36	/	/	19.41	/	/	<=38.45	Pass
		Inner_1RB_Left	24.74	/	/	19.79	/	/	<=38.45	Pass
		Inner_1RB_Right	24.44	/	/	19.49	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	24.00	/	/	19.05	/	/	<=38.45	Pass
		Edge_1RB_Right	24.20	/	/	19.25	/	/	<=38.45	Pass
		Outer_Full	24.22	/	/	19.27	/	/	<=38.45	Pass
		Inner_Full	24.47	/	/	19.52	/	/	<=38.45	Pass
		Inner_1RB_Left	24.36	/	/	19.41	/	/	<=38.45	Pass
		Inner_1RB_Right	24.65	/	/	19.70	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	23.83	/	/	18.88	/	/	<=38.45	Pass
		Edge_1RB_Right	24.61	/	/	19.66	/	/	<=38.45	Pass
		Outer_Full	24.27	/	/	19.32	/	/	<=38.45	Pass
		Inner_Full	24.41	/	/	19.46	/	/	<=38.45	Pass
		Inner_1RB_Left	24.52	/	/	19.57	/	/	<=38.45	Pass
		Inner_1RB_Right	24.93	/	/	19.98	/	/	<=38.45	Pass
DFT-s-OFDM QPSK	831.5	Edge_1RB_Left	24.14	/	/	19.19	/	/	<=38.45	Pass
		Edge_1RB_Right	24.06	/	/	19.11	/	/	<=38.45	Pass
		Outer_Full	24.09	/	/	19.14	/	/	<=38.45	Pass
		Inner_Full	24.97	/	/	20.02	/	/	<=38.45	Pass
		Inner_1RB_Left	25.23	/	/	20.28	/	/	<=38.45	Pass
		Inner_1RB_Right	25.01	/	/	20.06	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	24.10	/	/	19.15	/	/	<=38.45	Pass
		Edge_1RB_Right	24.06	/	/	19.11	/	/	<=38.45	Pass
		Outer_Full	24.05	/	/	19.10	/	/	<=38.45	Pass
		Inner_Full	24.99	/	/	20.04	/	/	<=38.45	Pass
		Inner_1RB_Left	25.29	/	/	20.34	/	/	<=38.45	Pass
		Inner_1RB_Right	25.14	/	/	20.19	/	/	<=38.45	Pass

	841.5	Edge_1RB_Left	23.98	/	/	19.04	/	/	<=38.45	Pass
		Edge_1RB_Right	24.12	/	/	19.17	/	/	<=38.45	Pass
		Outer_Full	24.03	/	/	19.08	/	/	<=38.45	Pass
		Inner_Full	24.86	/	/	19.91	/	/	<=38.45	Pass
		Inner_1RB_Left	25.02	/	/	20.07	/	/	<=38.45	Pass
		Inner_1RB_Right	25.02	/	/	20.07	/	/	<=38.45	Pass
DFT-s-OFDM 16 QAM	831.5	Edge_1RB_Left	22.83	/	/	17.88	/	/	<=38.45	Pass
		Edge_1RB_Right	22.77	/	/	17.82	/	/	<=38.45	Pass
		Outer_Full	23.07	/	/	18.12	/	/	<=38.45	Pass
		Inner_Full	24.03	/	/	19.08	/	/	<=38.45	Pass
		Inner_1RB_Left	23.89	/	/	18.94	/	/	<=38.45	Pass
		Inner_1RB_Right	23.86	/	/	18.91	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	22.76	/	/	17.81	/	/	<=38.45	Pass
		Edge_1RB_Right	22.77	/	/	17.82	/	/	<=38.45	Pass
		Outer_Full	23.07	/	/	18.12	/	/	<=38.45	Pass
		Inner_Full	23.94	/	/	18.99	/	/	<=38.45	Pass
		Inner_1RB_Left	24.09	/	/	19.14	/	/	<=38.45	Pass
		Inner_1RB_Right	23.87	/	/	18.92	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	22.63	/	/	17.68	/	/	<=38.45	Pass
		Edge_1RB_Right	22.66	/	/	17.71	/	/	<=38.45	Pass
		Outer_Full	22.92	/	/	17.97	/	/	<=38.45	Pass
		Inner_Full	23.99	/	/	19.04	/	/	<=38.45	Pass
		Inner_1RB_Left	23.68	/	/	18.73	/	/	<=38.45	Pass
		Inner_1RB_Right	23.86	/	/	18.91	/	/	<=38.45	Pass
DFT-s-OFDM 64 QAM	831.5	Edge_1RB_Left	22.61	/	/	17.66	/	/	<=38.45	Pass
		Edge_1RB_Right	22.51	/	/	17.56	/	/	<=38.45	Pass
		Outer_Full	22.56	/	/	17.61	/	/	<=38.45	Pass
		Inner_Full	22.57	/	/	17.62	/	/	<=38.45	Pass
		Inner_1RB_Left	22.43	/	/	17.48	/	/	<=38.45	Pass
		Inner_1RB_Right	22.43	/	/	17.48	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	22.49	/	/	17.54	/	/	<=38.45	Pass
		Edge_1RB_Right	22.51	/	/	17.56	/	/	<=38.45	Pass
		Outer_Full	22.53	/	/	17.58	/	/	<=38.45	Pass
		Inner_Full	22.58	/	/	17.63	/	/	<=38.45	Pass
		Inner_1RB_Left	22.57	/	/	17.63	/	/	<=38.45	Pass
		Inner_1RB_Right	22.43	/	/	17.48	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	22.45	/	/	17.50	/	/	<=38.45	Pass
		Edge_1RB_Right	22.37	/	/	17.42	/	/	<=38.45	Pass
		Outer_Full	22.49	/	/	17.54	/	/	<=38.45	Pass
		Inner_Full	22.59	/	/	17.64	/	/	<=38.45	Pass
		Inner_1RB_Left	22.47	/	/	17.52	/	/	<=38.45	Pass
		Inner_1RB_Right	22.55	/	/	17.60	/	/	<=38.45	Pass
DFT-s-OFDM 256 QAM	831.5	Edge_1RB_Left	20.44	/	/	15.49	/	/	<=38.45	Pass
		Edge_1RB_Right	20.43	/	/	15.48	/	/	<=38.45	Pass
		Outer_Full	20.55	/	/	15.60	/	/	<=38.45	Pass
		Inner_Full	20.49	/	/	15.54	/	/	<=38.45	Pass
		Inner_1RB_Left	20.51	/	/	15.56	/	/	<=38.45	Pass
		Inner_1RB_Right	20.46	/	/	15.51	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	20.46	/	/	15.51	/	/	<=38.45	Pass
		Edge_1RB_Right	20.38	/	/	15.43	/	/	<=38.45	Pass
		Outer_Full	20.53	/	/	15.58	/	/	<=38.45	Pass
		Inner_Full	20.46	/	/	15.51	/	/	<=38.45	Pass
		Inner_1RB_Left	20.51	/	/	15.56	/	/	<=38.45	Pass
		Inner_1RB_Right	20.45	/	/	15.50	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	20.37	/	/	15.42	/	/	<=38.45	Pass
		Edge_1RB_Right	20.41	/	/	15.46	/	/	<=38.45	Pass
		Outer_Full	20.53	/	/	15.58	/	/	<=38.45	Pass
		Inner_Full	20.51	/	/	15.56	/	/	<=38.45	Pass
		Inner_1RB_Left	20.42	/	/	15.47	/	/	<=38.45	Pass
		Inner_1RB_Right	20.47	/	/	15.52	/	/	<=38.45	Pass
CP-OFDM QPSK	831.5	Edge_1RB_Left	21.68	/	/	16.73	/	/	<=38.45	Pass
		Edge_1RB_Right	21.86	/	/	16.91	/	/	<=38.45	Pass
		Outer_Full	22.04	/	/	17.09	/	/	<=38.45	Pass
		Inner_Full	23.52	/	/	18.57	/	/	<=38.45	Pass

		Inner_1RB_Left	23.48	/	/	18.54	/	/	<=38.45	Pass
		Inner_1RB_Right	23.32	/	/	18.37	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.23	/	/	16.28	/	/	<=38.45	Pass
		Edge_1RB_Right	21.78	/	/	16.83	/	/	<=38.45	Pass
		Outer_Full	21.40	/	/	16.45	/	/	<=38.45	Pass
		Inner_Full	23.40	/	/	18.45	/	/	<=38.45	Pass
		Inner_1RB_Left	23.25	/	/	18.30	/	/	<=38.45	Pass
		Inner_1RB_Right	23.20	/	/	18.25	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	21.73	/	/	16.78	/	/	<=38.45	Pass
		Edge_1RB_Right	21.71	/	/	16.76	/	/	<=38.45	Pass
		Outer_Full	21.99	/	/	17.04	/	/	<=38.45	Pass
		Inner_Full	23.39	/	/	18.44	/	/	<=38.45	Pass
		Inner_1RB_Left	23.13	/	/	18.18	/	/	<=38.45	Pass
		Inner_1RB_Right	23.21	/	/	18.26	/	/	<=38.45	Pass
CP-OFDM 16 QAM	831.5	Edge_1RB_Left	21.76	/	/	16.81	/	/	<=38.45	Pass
		Edge_1RB_Right	21.78	/	/	16.83	/	/	<=38.45	Pass
		Outer_Full	22.03	/	/	17.08	/	/	<=38.45	Pass
		Inner_Full	22.98	/	/	18.03	/	/	<=38.45	Pass
		Inner_1RB_Left	22.77	/	/	17.83	/	/	<=38.45	Pass
		Inner_1RB_Right	22.75	/	/	17.80	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.80	/	/	16.85	/	/	<=38.45	Pass
		Edge_1RB_Right	21.38	/	/	16.43	/	/	<=38.45	Pass
		Outer_Full	22.01	/	/	17.06	/	/	<=38.45	Pass
		Inner_Full	22.54	/	/	17.59	/	/	<=38.45	Pass
		Inner_1RB_Left	22.74	/	/	17.79	/	/	<=38.45	Pass
		Inner_1RB_Right	22.62	/	/	17.67	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	21.63	/	/	16.68	/	/	<=38.45	Pass
		Edge_1RB_Right	21.75	/	/	16.80	/	/	<=38.45	Pass
		Outer_Full	21.98	/	/	17.03	/	/	<=38.45	Pass
		Inner_Full	22.94	/	/	17.99	/	/	<=38.45	Pass
		Inner_1RB_Left	22.62	/	/	17.67	/	/	<=38.45	Pass
		Inner_1RB_Right	22.70	/	/	17.75	/	/	<=38.45	Pass
CP-OFDM 64 QAM	831.5	Edge_1RB_Left	21.62	/	/	16.67	/	/	<=38.45	Pass
		Edge_1RB_Right	21.48	/	/	16.53	/	/	<=38.45	Pass
		Outer_Full	21.56	/	/	16.61	/	/	<=38.45	Pass
		Inner_Full	21.52	/	/	16.57	/	/	<=38.45	Pass
		Inner_1RB_Left	21.51	/	/	16.56	/	/	<=38.45	Pass
		Inner_1RB_Right	21.51	/	/	16.56	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.60	/	/	16.65	/	/	<=38.45	Pass
		Edge_1RB_Right	21.64	/	/	16.69	/	/	<=38.45	Pass
		Outer_Full	21.50	/	/	16.55	/	/	<=38.45	Pass
		Inner_Full	21.45	/	/	16.50	/	/	<=38.45	Pass
		Inner_1RB_Left	21.69	/	/	16.74	/	/	<=38.45	Pass
		Inner_1RB_Right	21.63	/	/	16.68	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	21.58	/	/	16.63	/	/	<=38.45	Pass
		Edge_1RB_Right	21.66	/	/	16.71	/	/	<=38.45	Pass
		Outer_Full	21.44	/	/	16.49	/	/	<=38.45	Pass
		Inner_Full	21.49	/	/	16.54	/	/	<=38.45	Pass
		Inner_1RB_Left	21.66	/	/	16.71	/	/	<=38.45	Pass
		Inner_1RB_Right	21.72	/	/	16.77	/	/	<=38.45	Pass
CP-OFDM 256 QAM	831.5	Edge_1RB_Left	18.48	/	/	13.53	/	/	<=38.45	Pass
		Edge_1RB_Right	18.46	/	/	13.51	/	/	<=38.45	Pass
		Outer_Full	18.54	/	/	13.59	/	/	<=38.45	Pass
		Inner_Full	18.45	/	/	13.50	/	/	<=38.45	Pass
		Inner_1RB_Left	18.53	/	/	13.58	/	/	<=38.45	Pass
		Inner_1RB_Right	18.50	/	/	13.55	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	18.49	/	/	13.54	/	/	<=38.45	Pass
		Edge_1RB_Right	18.37	/	/	13.42	/	/	<=38.45	Pass
		Outer_Full	18.75	/	/	13.80	/	/	<=38.45	Pass
		Inner_Full	18.24	/	/	13.29	/	/	<=38.45	Pass
		Inner_1RB_Left	18.47	/	/	13.52	/	/	<=38.45	Pass
		Inner_1RB_Right	18.55	/	/	13.60	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	18.35	/	/	13.40	/	/	<=38.45	Pass
		Edge_1RB_Right	18.41	/	/	13.46	/	/	<=38.45	Pass

		Outer_Full	18.52	/	/	13.57	/	/	<=38.45	Pass
		Inner_Full	18.48	/	/	13.53	/	/	<=38.45	Pass
		Inner_1RB_Left	18.46	/	/	13.51	/	/	<=38.45	Pass
		Inner_1RB_Right	18.47	/	/	13.52	/	/	<=38.45	Pass
Note1: Antenna Gain: Ant1: -2.80dBi; 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
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	834	Edge_1RB_Left	24.41	/	/	19.46	/	/	<=38.45	Pass
		Edge_1RB_Right	24.33	/	/	19.38	/	/	<=38.45	Pass
		Outer_Full	24.26	/	/	19.31	/	/	<=38.45	Pass
		Inner_Full	24.58	/	/	19.63	/	/	<=38.45	Pass
		Inner_1RB_Left	24.78	/	/	19.83	/	/	<=38.45	Pass
		Inner_1RB_Right	24.57	/	/	19.62	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	24.06	/	/	19.11	/	/	<=38.45	Pass
		Edge_1RB_Right	24.41	/	/	19.46	/	/	<=38.45	Pass
		Outer_Full	24.29	/	/	19.34	/	/	<=38.45	Pass
		Inner_Full	24.37	/	/	19.42	/	/	<=38.45	Pass
		Inner_1RB_Left	24.50	/	/	19.55	/	/	<=38.45	Pass
		Inner_1RB_Right	24.75	/	/	19.80	/	/	<=38.45	Pass
	839	Edge_1RB_Left	23.92	/	/	18.97	/	/	<=38.45	Pass
		Edge_1RB_Right	24.66	/	/	19.71	/	/	<=38.45	Pass
		Outer_Full	24.16	/	/	19.21	/	/	<=38.45	Pass
		Inner_Full	24.40	/	/	19.45	/	/	<=38.45	Pass
		Inner_1RB_Left	24.34	/	/	19.39	/	/	<=38.45	Pass
		Inner_1RB_Right	25.01	/	/	20.06	/	/	<=38.45	Pass
DFT-s-OFDM QPSK	834	Edge_1RB_Left	24.11	/	/	19.16	/	/	<=38.45	Pass
		Edge_1RB_Right	24.09	/	/	19.14	/	/	<=38.45	Pass
		Outer_Full	23.99	/	/	19.04	/	/	<=38.45	Pass
		Inner_Full	25.04	/	/	20.09	/	/	<=38.45	Pass
		Inner_1RB_Left	25.15	/	/	20.20	/	/	<=38.45	Pass
		Inner_1RB_Right	25.20	/	/	20.25	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	23.94	/	/	18.99	/	/	<=38.45	Pass
		Edge_1RB_Right	23.79	/	/	18.84	/	/	<=38.45	Pass
		Outer_Full	24.05	/	/	19.10	/	/	<=38.45	Pass
		Inner_Full	25.01	/	/	20.06	/	/	<=38.45	Pass
		Inner_1RB_Left	25.10	/	/	20.15	/	/	<=38.45	Pass
		Inner_1RB_Right	25.08	/	/	20.13	/	/	<=38.45	Pass
	839	Edge_1RB_Left	24.09	/	/	19.15	/	/	<=38.45	Pass
		Edge_1RB_Right	24.12	/	/	19.17	/	/	<=38.45	Pass
		Outer_Full	24.01	/	/	19.06	/	/	<=38.45	Pass
		Inner_Full	24.91	/	/	19.96	/	/	<=38.45	Pass
		Inner_1RB_Left	25.08	/	/	20.13	/	/	<=38.45	Pass
		Inner_1RB_Right	25.03	/	/	20.08	/	/	<=38.45	Pass
DFT-s-OFDM 16 QAM	834	Edge_1RB_Left	22.86	/	/	17.91	/	/	<=38.45	Pass
		Edge_1RB_Right	22.79	/	/	17.84	/	/	<=38.45	Pass
		Outer_Full	22.99	/	/	18.04	/	/	<=38.45	Pass
		Inner_Full	24.02	/	/	19.07	/	/	<=38.45	Pass
		Inner_1RB_Left	23.89	/	/	18.94	/	/	<=38.45	Pass
		Inner_1RB_Right	23.87	/	/	18.92	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	22.89	/	/	17.94	/	/	<=38.45	Pass
		Edge_1RB_Right	22.71	/	/	17.76	/	/	<=38.45	Pass
		Outer_Full	22.94	/	/	17.99	/	/	<=38.45	Pass
		Inner_Full	24.02	/	/	19.07	/	/	<=38.45	Pass
		Inner_1RB_Left	23.80	/	/	18.85	/	/	<=38.45	Pass
		Inner_1RB_Right	23.83	/	/	18.88	/	/	<=38.45	Pass
	839	Edge_1RB_Left	22.82	/	/	17.87	/	/	<=38.45	Pass
		Edge_1RB_Right	22.75	/	/	17.80	/	/	<=38.45	Pass

DFT-s-OFDM 64 QAM		Outer_Full	22.97	/	/	18.02	/	/	<=38.45	Pass
		Inner_Full	23.94	/	/	18.99	/	/	<=38.45	Pass
		Inner_1RB_Left	23.77	/	/	18.82	/	/	<=38.45	Pass
		Inner_1RB_Right	23.79	/	/	18.84	/	/	<=38.45	Pass
	834	Edge_1RB_Left	22.60	/	/	17.65	/	/	<=38.45	Pass
		Edge_1RB_Right	22.42	/	/	17.47	/	/	<=38.45	Pass
		Outer_Full	22.60	/	/	17.65	/	/	<=38.45	Pass
		Inner_Full	22.54	/	/	17.59	/	/	<=38.45	Pass
	836.5	Inner_1RB_Left	22.46	/	/	17.51	/	/	<=38.45	Pass
		Inner_1RB_Right	22.42	/	/	17.47	/	/	<=38.45	Pass
		Edge_1RB_Left	22.56	/	/	17.61	/	/	<=38.45	Pass
		Edge_1RB_Right	22.53	/	/	17.58	/	/	<=38.45	Pass
DFT-s-OFDM 256 QAM	839	Outer_Full	22.55	/	/	17.60	/	/	<=38.45	Pass
		Inner_Full	22.56	/	/	17.61	/	/	<=38.45	Pass
		Inner_1RB_Left	22.62	/	/	17.67	/	/	<=38.45	Pass
		Inner_1RB_Right	22.55	/	/	17.60	/	/	<=38.45	Pass
	834	Edge_1RB_Left	22.59	/	/	17.64	/	/	<=38.45	Pass
		Edge_1RB_Right	22.56	/	/	17.61	/	/	<=38.45	Pass
		Outer_Full	22.53	/	/	17.58	/	/	<=38.45	Pass
		Inner_Full	22.55	/	/	17.60	/	/	<=38.45	Pass
	836.5	Inner_1RB_Left	22.61	/	/	17.66	/	/	<=38.45	Pass
		Inner_1RB_Right	22.44	/	/	17.49	/	/	<=38.45	Pass
		Edge_1RB_Left	20.41	/	/	15.46	/	/	<=38.45	Pass
		Edge_1RB_Right	20.44	/	/	15.49	/	/	<=38.45	Pass
	839	Outer_Full	20.49	/	/	15.54	/	/	<=38.45	Pass
		Inner_Full	20.53	/	/	15.58	/	/	<=38.45	Pass
		Inner_1RB_Left	20.46	/	/	15.51	/	/	<=38.45	Pass
		Inner_1RB_Right	20.48	/	/	15.53	/	/	<=38.45	Pass
CP-OFDM QPSK	834	Edge_1RB_Left	20.47	/	/	15.52	/	/	<=38.45	Pass
		Edge_1RB_Right	20.40	/	/	15.45	/	/	<=38.45	Pass
		Outer_Full	20.78	/	/	15.83	/	/	<=38.45	Pass
		Inner_Full	20.54	/	/	15.59	/	/	<=38.45	Pass
	836.5	Inner_1RB_Left	20.79	/	/	15.84	/	/	<=38.45	Pass
		Inner_1RB_Right	20.44	/	/	15.49	/	/	<=38.45	Pass
		Edge_1RB_Left	20.43	/	/	15.48	/	/	<=38.45	Pass
		Edge_1RB_Right	20.49	/	/	15.54	/	/	<=38.45	Pass
	839	Outer_Full	20.52	/	/	15.57	/	/	<=38.45	Pass
		Inner_Full	20.52	/	/	15.57	/	/	<=38.45	Pass
		Inner_1RB_Left	20.48	/	/	15.53	/	/	<=38.45	Pass
		Inner_1RB_Right	20.46	/	/	15.51	/	/	<=38.45	Pass
CP-OFDM 16 QAM	834	Edge_1RB_Left	21.83	/	/	16.88	/	/	<=38.45	Pass
		Edge_1RB_Right	21.84	/	/	16.89	/	/	<=38.45	Pass
		Outer_Full	22.01	/	/	17.06	/	/	<=38.45	Pass
		Inner_Full	23.52	/	/	18.57	/	/	<=38.45	Pass
	836.5	Inner_1RB_Left	23.26	/	/	18.31	/	/	<=38.45	Pass
		Inner_1RB_Right	23.42	/	/	18.47	/	/	<=38.45	Pass
		Edge_1RB_Left	21.85	/	/	16.90	/	/	<=38.45	Pass
		Edge_1RB_Right	21.51	/	/	16.56	/	/	<=38.45	Pass
	839	Outer_Full	21.93	/	/	16.98	/	/	<=38.45	Pass
		Inner_Full	23.52	/	/	18.57	/	/	<=38.45	Pass
		Inner_1RB_Left	23.23	/	/	18.28	/	/	<=38.45	Pass
		Inner_1RB_Right	21.60	/	/	16.65	/	/	<=38.45	Pass
	834	Edge_1RB_Left	21.81	/	/	16.86	/	/	<=38.45	Pass
		Edge_1RB_Right	21.87	/	/	16.92	/	/	<=38.45	Pass
		Outer_Full	21.93	/	/	16.99	/	/	<=38.45	Pass
		Inner_Full	23.45	/	/	18.50	/	/	<=38.45	Pass
	836.5	Inner_1RB_Left	23.26	/	/	18.31	/	/	<=38.45	Pass
		Inner_1RB_Right	23.19	/	/	18.24	/	/	<=38.45	Pass
	839	Edge_1RB_Left	21.78	/	/	16.83	/	/	<=38.45	Pass
		Edge_1RB_Right	21.75	/	/	16.80	/	/	<=38.45	Pass
	834	Outer_Full	22.08	/	/	17.13	/	/	<=38.45	Pass
		Inner_Full	23.02	/	/	18.07	/	/	<=38.45	Pass
		Inner_1RB_Left	22.76	/	/	17.81	/	/	<=38.45	Pass
		Inner_1RB_Right	22.74	/	/	17.79	/	/	<=38.45	Pass

	836.5	Edge_1RB_Left	21.43	/	/	16.49	/	/	<=38.45	Pass
		Edge_1RB_Right	21.80	/	/	16.85	/	/	<=38.45	Pass
		Outer_Full	21.98	/	/	17.03	/	/	<=38.45	Pass
		Inner_Full	23.01	/	/	18.06	/	/	<=38.45	Pass
		Inner_1RB_Left	22.75	/	/	17.80	/	/	<=38.45	Pass
		Inner_1RB_Right	22.70	/	/	17.75	/	/	<=38.45	Pass
	839	Edge_1RB_Left	21.70	/	/	16.75	/	/	<=38.45	Pass
		Edge_1RB_Right	21.82	/	/	16.87	/	/	<=38.45	Pass
		Outer_Full	21.92	/	/	16.97	/	/	<=38.45	Pass
		Inner_Full	23.06	/	/	18.11	/	/	<=38.45	Pass
		Inner_1RB_Left	22.95	/	/	18.01	/	/	<=38.45	Pass
		Inner_1RB_Right	22.74	/	/	17.79	/	/	<=38.45	Pass
CP-OFDM 64 QAM	834	Edge_1RB_Left	21.46	/	/	16.51	/	/	<=38.45	Pass
		Edge_1RB_Right	21.75	/	/	16.80	/	/	<=38.45	Pass
		Outer_Full	21.52	/	/	16.57	/	/	<=38.45	Pass
		Inner_Full	21.50	/	/	16.55	/	/	<=38.45	Pass
		Inner_1RB_Left	21.73	/	/	16.78	/	/	<=38.45	Pass
		Inner_1RB_Right	21.55	/	/	16.60	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.69	/	/	16.74	/	/	<=38.45	Pass
		Edge_1RB_Right	21.69	/	/	16.74	/	/	<=38.45	Pass
		Outer_Full	21.47	/	/	16.52	/	/	<=38.45	Pass
		Inner_Full	21.45	/	/	16.50	/	/	<=38.45	Pass
		Inner_1RB_Left	21.53	/	/	16.58	/	/	<=38.45	Pass
		Inner_1RB_Right	21.70	/	/	16.75	/	/	<=38.45	Pass
	839	Edge_1RB_Left	21.67	/	/	16.72	/	/	<=38.45	Pass
		Edge_1RB_Right	21.75	/	/	16.80	/	/	<=38.45	Pass
		Outer_Full	21.43	/	/	16.48	/	/	<=38.45	Pass
		Inner_Full	21.51	/	/	16.56	/	/	<=38.45	Pass
		Inner_1RB_Left	21.74	/	/	16.79	/	/	<=38.45	Pass
		Inner_1RB_Right	21.72	/	/	16.77	/	/	<=38.45	Pass
CP-OFDM 256 QAM	834	Edge_1RB_Left	18.48	/	/	13.53	/	/	<=38.45	Pass
		Edge_1RB_Right	18.48	/	/	13.53	/	/	<=38.45	Pass
		Outer_Full	18.57	/	/	13.62	/	/	<=38.45	Pass
		Inner_Full	18.48	/	/	13.53	/	/	<=38.45	Pass
		Inner_1RB_Left	18.56	/	/	13.61	/	/	<=38.45	Pass
		Inner_1RB_Right	18.47	/	/	13.52	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	18.48	/	/	13.53	/	/	<=38.45	Pass
		Edge_1RB_Right	18.45	/	/	13.50	/	/	<=38.45	Pass
		Outer_Full	18.52	/	/	13.57	/	/	<=38.45	Pass
		Inner_Full	18.44	/	/	13.49	/	/	<=38.45	Pass
		Inner_1RB_Left	18.49	/	/	13.54	/	/	<=38.45	Pass
		Inner_1RB_Right	18.48	/	/	13.53	/	/	<=38.45	Pass
	839	Edge_1RB_Left	18.50	/	/	13.55	/	/	<=38.45	Pass
		Edge_1RB_Right	18.48	/	/	13.53	/	/	<=38.45	Pass
		Outer_Full	18.50	/	/	13.55	/	/	<=38.45	Pass
Inner_Full		18.45	/	/	13.50	/	/	<=38.45	Pass	
Inner_1RB_Left		18.52	/	/	13.57	/	/	<=38.45	Pass	
Inner_1RB_Right	18.47	/	/	13.52	/	/	<=38.45	Pass		
Note1: Antenna Gain: Ant1: -2.80dBi; 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	-3.31	-0.0040	>=-2.5 & <=2.5	Pass

QPSK				HV	-0.52	-0.0006	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-1.29	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-2.23	-0.0027	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-1.44	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-0.29	-0.0003	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-2.62	-0.0031	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-2.36	-0.0028	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-2.12	-0.0025	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-0.54	-0.0006	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-2.44	-0.0029	≥ -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	5.04	/	Pass
DFT-s-OFDM QPSK	836.5	Outer_Full	4.53	5.00	/	Pass
DFT-s-OFDM 16 QAM	836.5	Outer_Full	4.55	4.98	/	Pass
DFT-s-OFDM 64 QAM	836.5	Outer_Full	4.57	5.00	/	Pass
DFT-s-OFDM 256 QAM	836.5	Outer_Full	4.54	4.96	/	Pass
CP-OFDM QPSK	836.5	Outer_Full	4.52	5.01	/	Pass
CP-OFDM 16 QAM	836.5	Outer_Full	4.52	4.93	/	Pass
CP-OFDM 64 QAM	836.5	Outer_Full	4.51	4.95	/	Pass
CP-OFDM 256 QAM	836.5	Outer_Full	4.54	5.32	/	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	9.80	/	Pass
DFT-s-OFDM QPSK	836.5	Outer_Full	9.05	9.69	/	Pass
DFT-s-OFDM 16 QAM	836.5	Outer_Full	9.03	9.74	/	Pass
DFT-s-OFDM 64 QAM	836.5	Outer_Full	9.07	9.70	/	Pass
DFT-s-OFDM 256 QAM	836.5	Outer_Full	9.05	9.68	/	Pass
CP-OFDM QPSK	836.5	Outer_Full	9.37	10.13	/	Pass
CP-OFDM 16 QAM	836.5	Outer_Full	9.38	10.08	/	Pass
CP-OFDM 64 QAM	836.5	Outer_Full	9.37	10.07	/	Pass
CP-OFDM 256 QAM	836.5	Outer_Full	9.36	10.09	/	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	13.56	14.56	/	Pass
DFT-s-OFDM QPSK	836.5	Outer_Full	13.55	14.58	/	Pass
DFT-s-OFDM 16 QAM	836.5	Outer_Full	13.61	14.61	/	Pass
DFT-s-OFDM 64 QAM	836.5	Outer_Full	13.61	16.42	/	Pass
DFT-s-OFDM 256 QAM	836.5	Outer_Full	13.60	14.58	/	Pass
CP-OFDM QPSK	836.5	Outer_Full	14.29	15.28	/	Pass
CP-OFDM 16 QAM	836.5	Outer_Full	14.29	15.31	/	Pass
CP-OFDM 64 QAM	836.5	Outer_Full	14.24	15.25	/	Pass

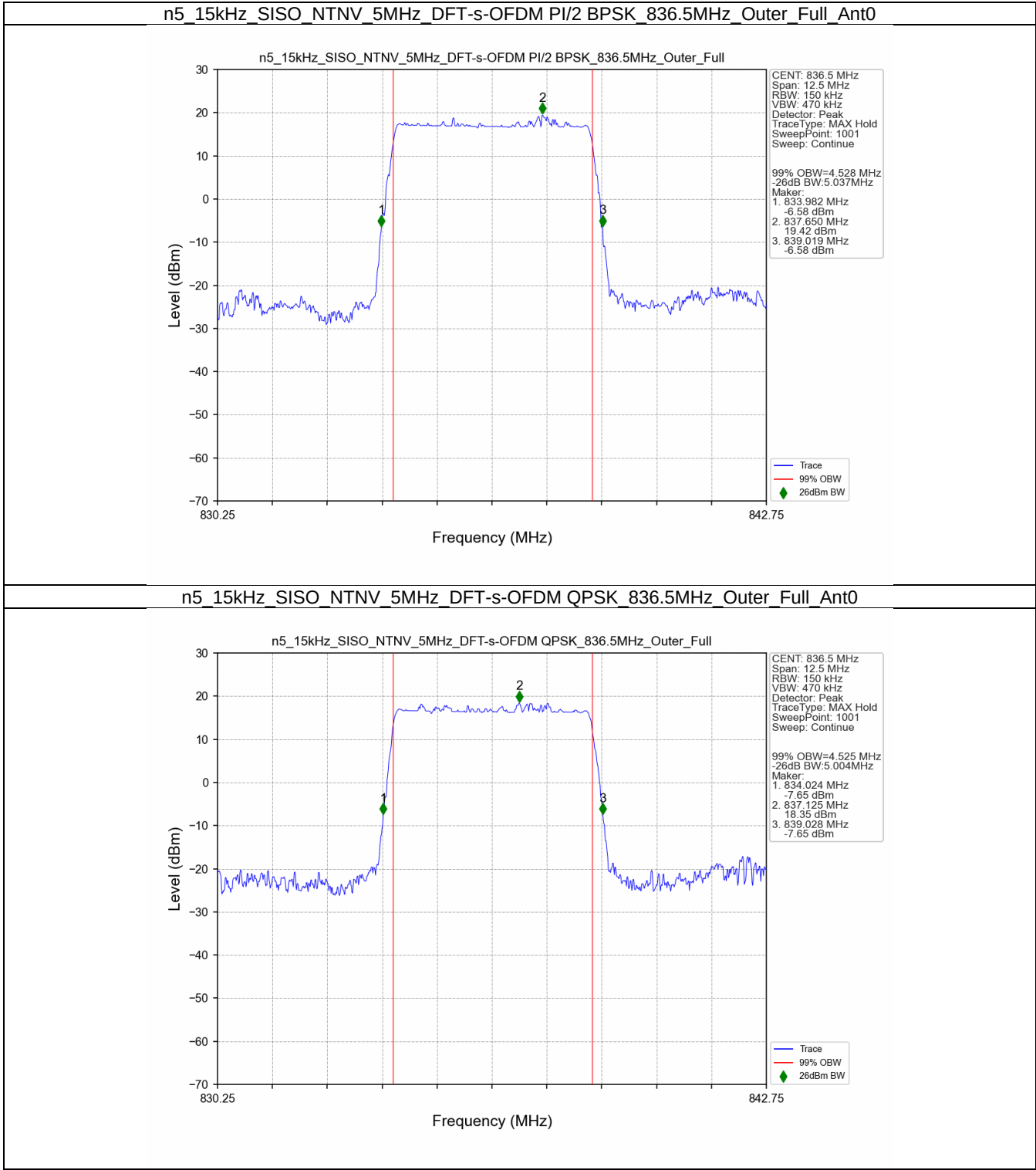
CP-OFDM 256 QAM	836.5	Outer_Full	14.26	15.28	/	Pass
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3.1.4 15_S_20M_NTNV

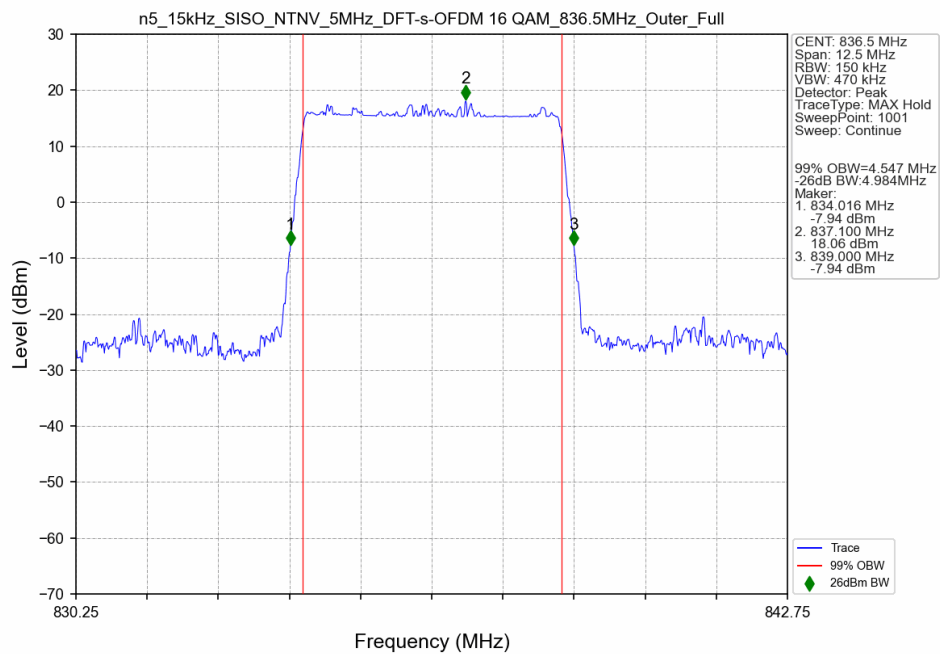
5G NR n5 SCS=15kHz SISO 20MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	836.5	Outer_Full	18.04	19.36	/	Pass
DFT-s-OFDM QPSK	836.5	Outer_Full	18.07	19.44	/	Pass
DFT-s-OFDM 16 QAM	836.5	Outer_Full	18.04	19.44	/	Pass
DFT-s-OFDM 64 QAM	836.5	Outer_Full	18.09	19.43	/	Pass
DFT-s-OFDM 256 QAM	836.5	Outer_Full	18.09	19.42	/	Pass
CP-OFDM QPSK	836.5	Outer_Full	19.13	20.40	/	Pass
CP-OFDM 16 QAM	836.5	Outer_Full	19.14	20.46	/	Pass
CP-OFDM 64 QAM	836.5	Outer_Full	19.09	20.43	/	Pass
CP-OFDM 256 QAM	836.5	Outer_Full	19.04	20.41	/	Pass

3.2 Test Graph

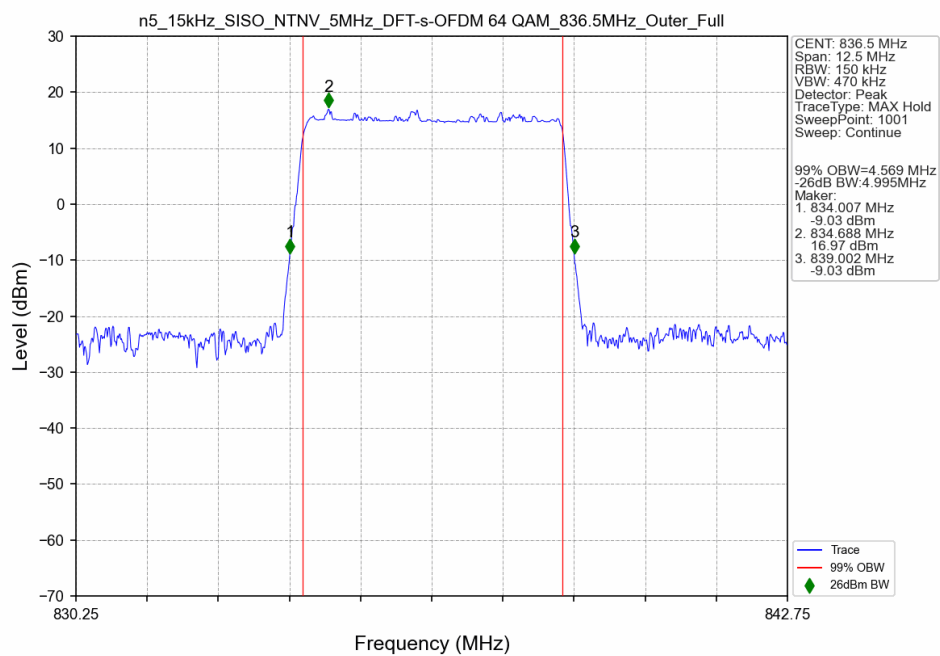
3.2.1 15_S_5M_NTNV



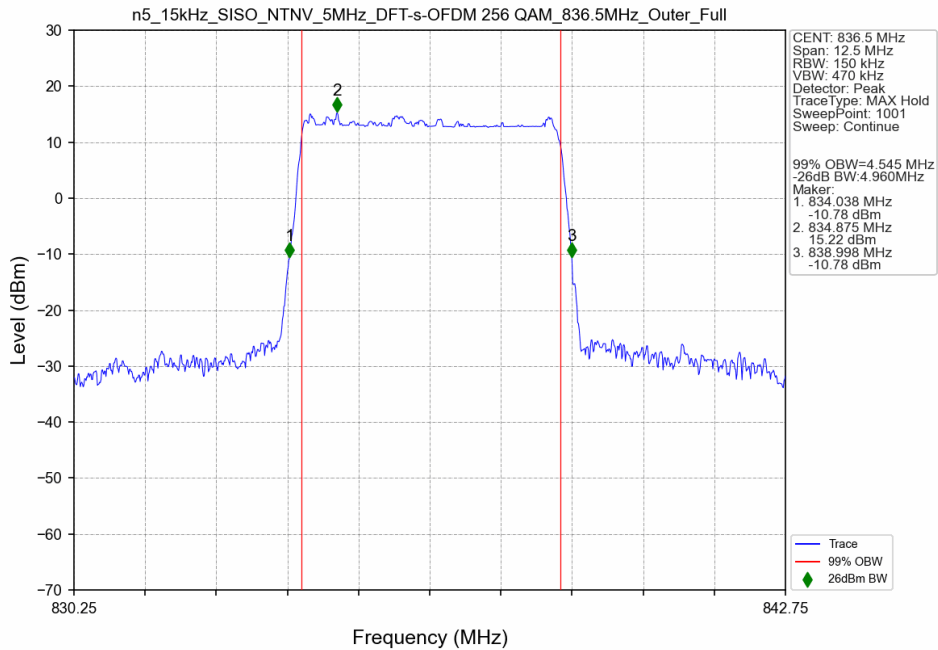
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 16 QAM_836.5MHz_Outer_Full_Ant0



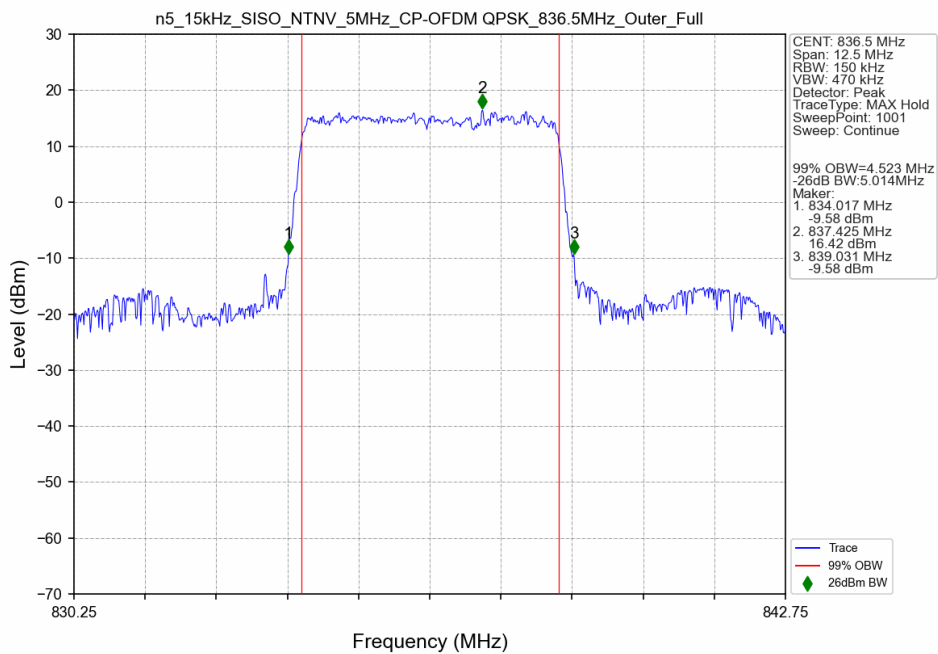
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 64 QAM_836.5MHz_Outer_Full_Ant0



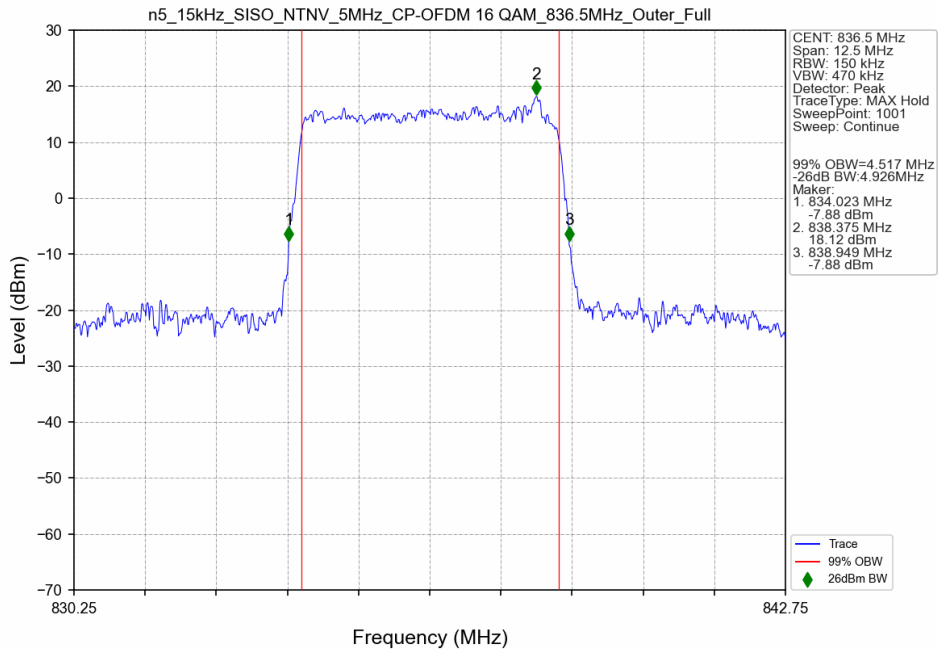
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 256 QAM 836.5MHz_Outer_Full_Ant0



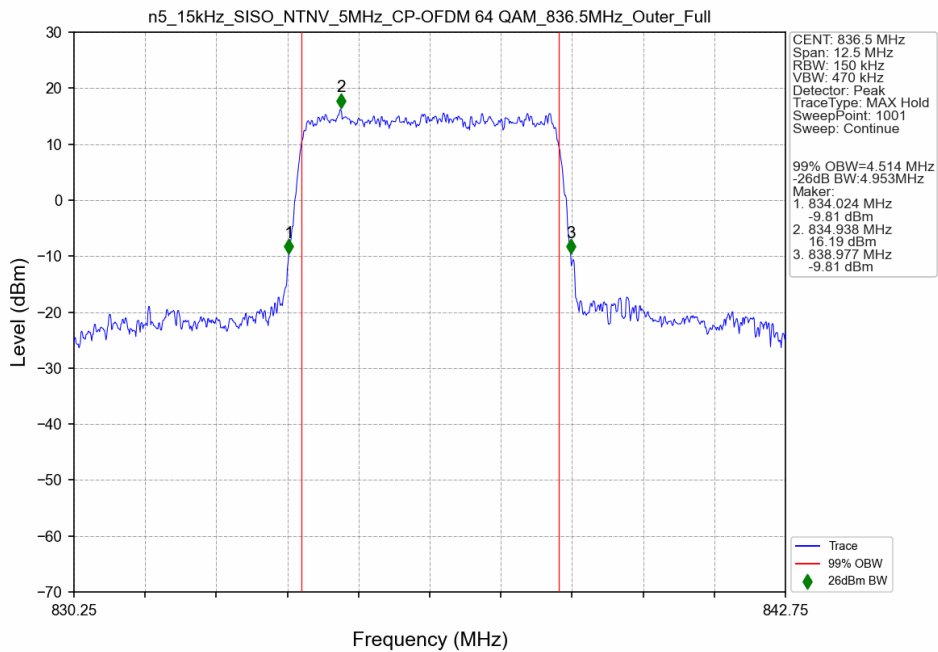
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK 836.5MHz_Outer_Full_Ant0

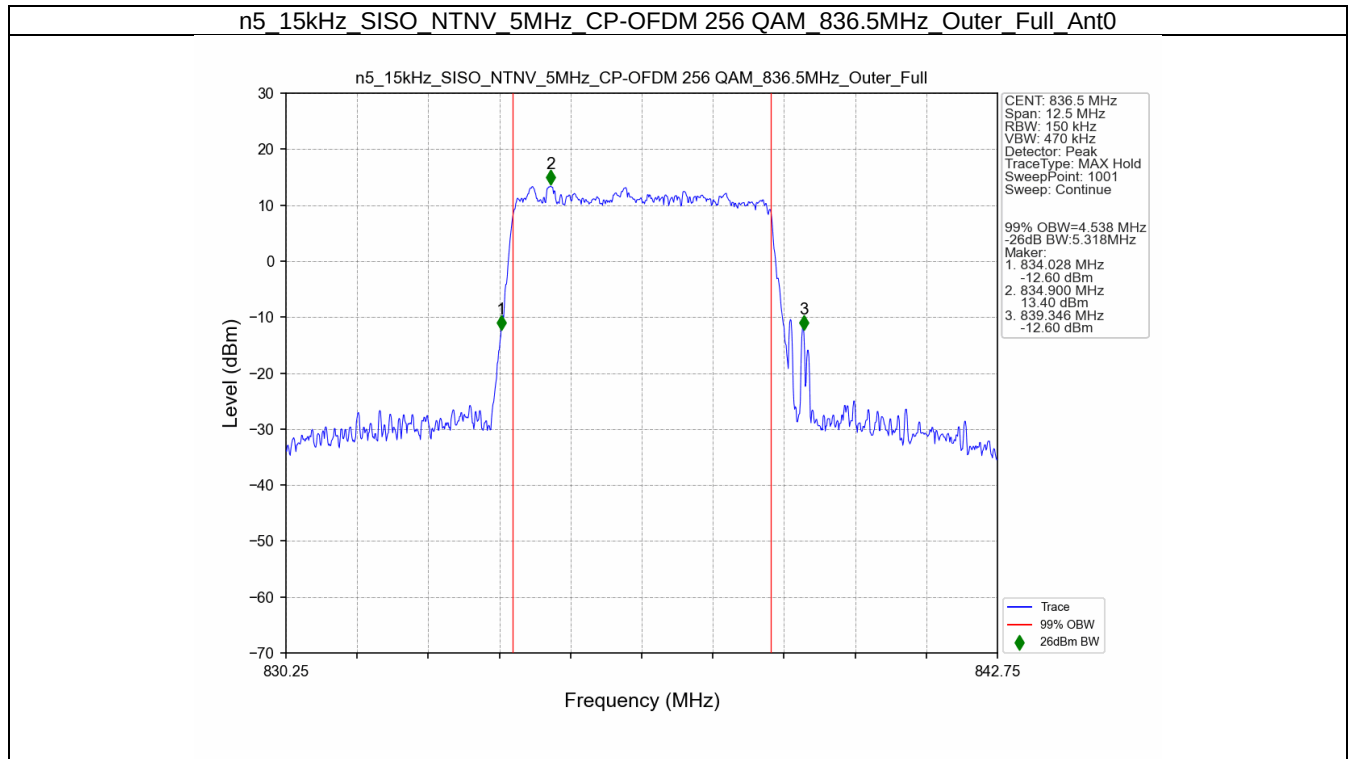


n5_15kHz_SISO_NTNV_5MHz_CP-OFDM 16 QAM_836.5MHz_Outer_Full_Ant0

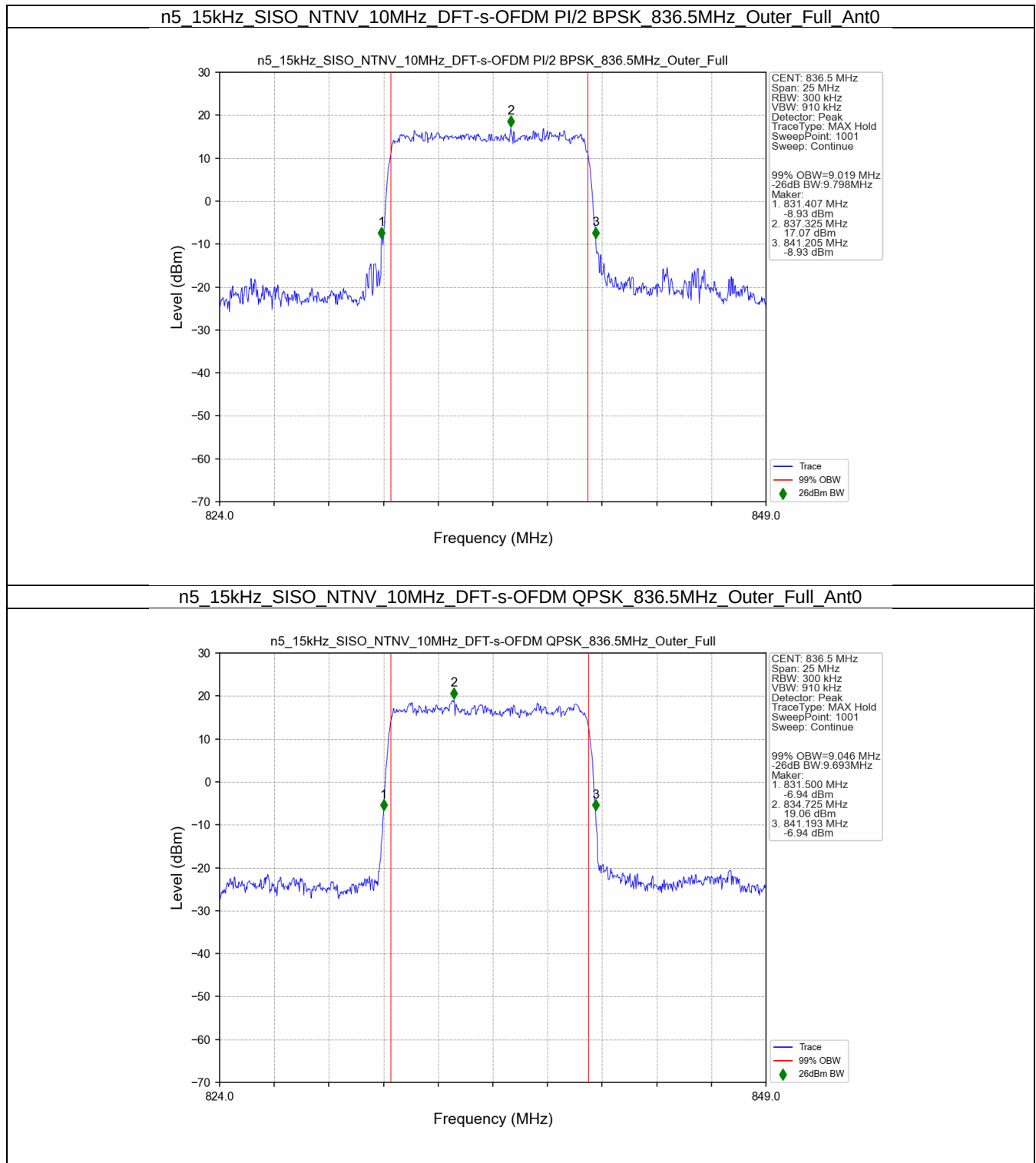


n5_15kHz_SISO_NTNV_5MHz_CP-OFDM 64 QAM_836.5MHz_Outer_Full_Ant0

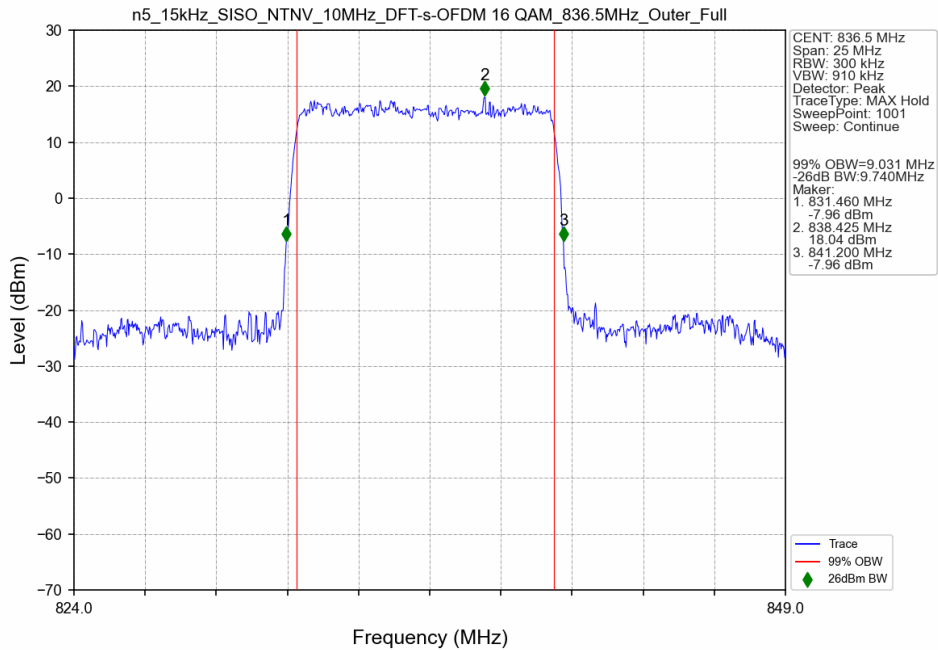




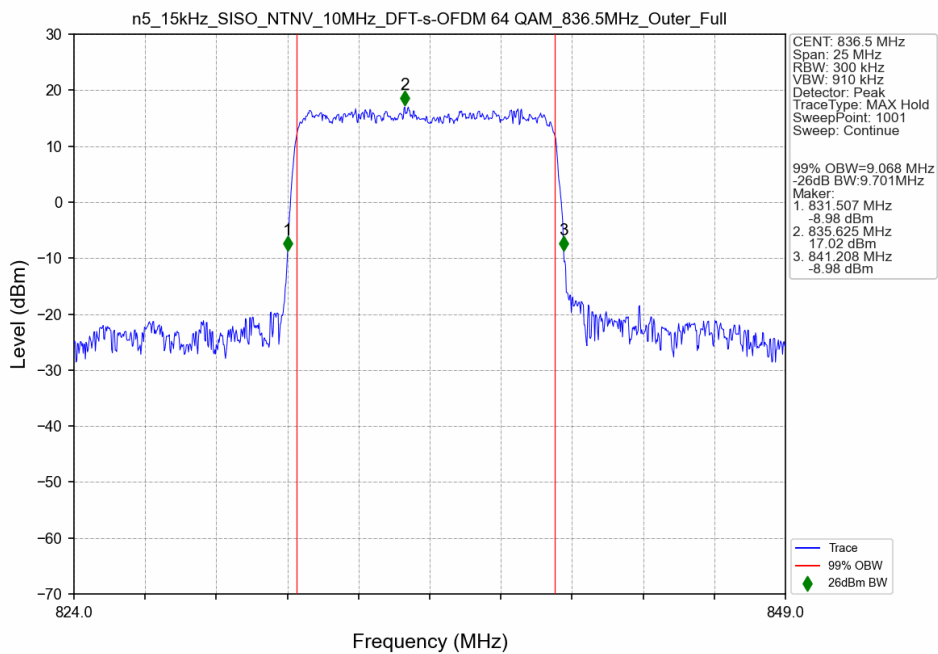
3.2.2 15_S_10M_NTNV



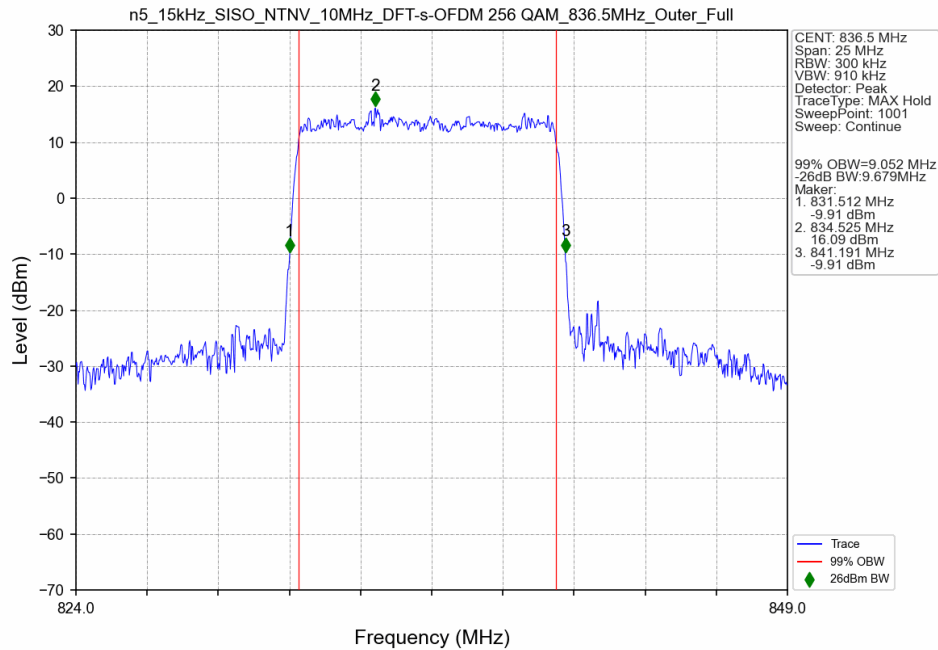
n5_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 16 QAM 836.5MHz_Outer_Full_Ant0



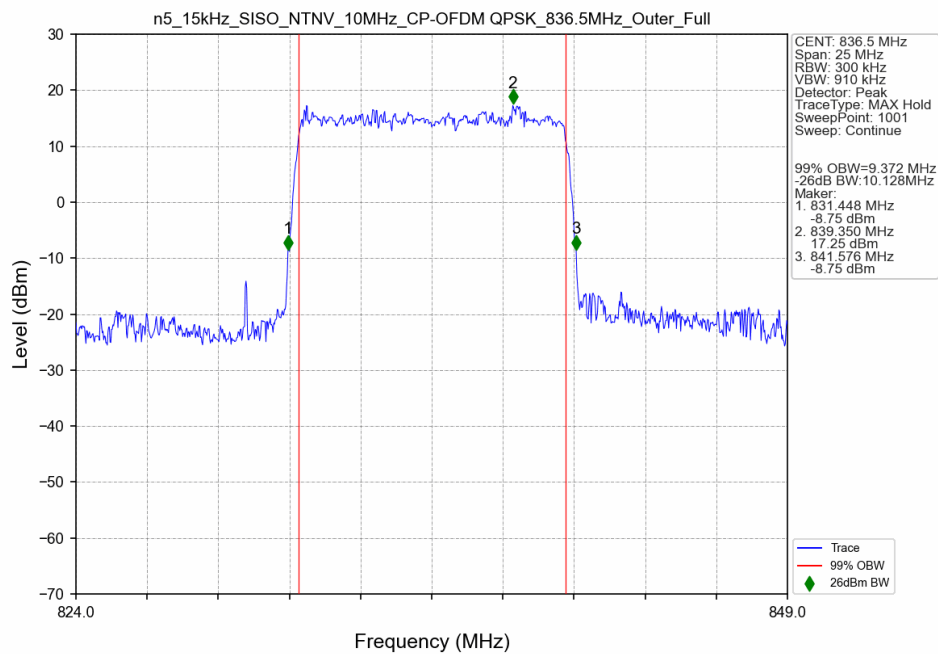
n5_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 64 QAM 836.5MHz_Outer_Full_Ant0



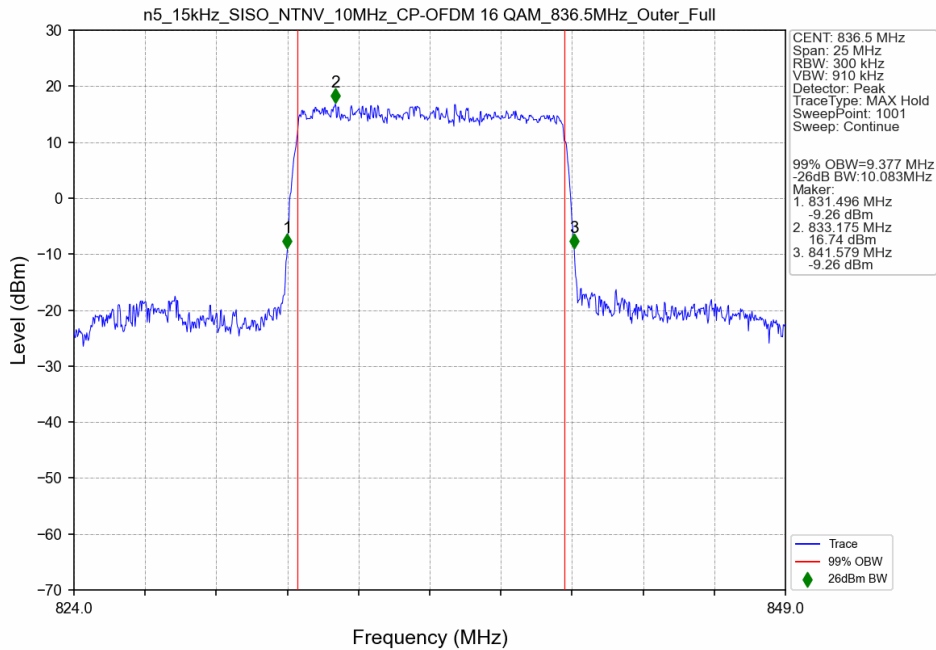
n5_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 256 QAM_836.5MHz_Outer_Full_Ant0



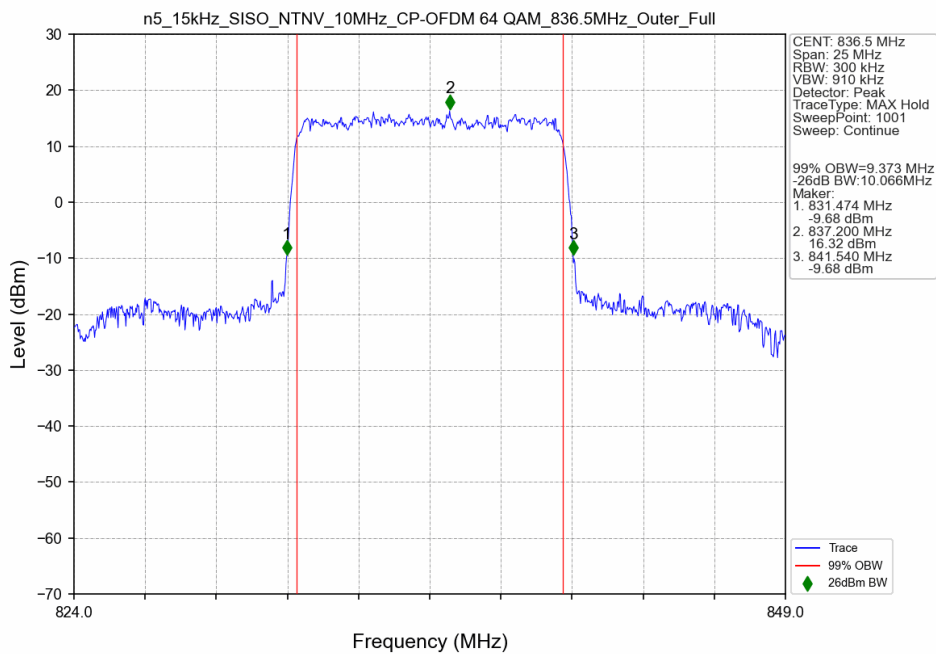
n5_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_836.5MHz_Outer_Full_Ant0

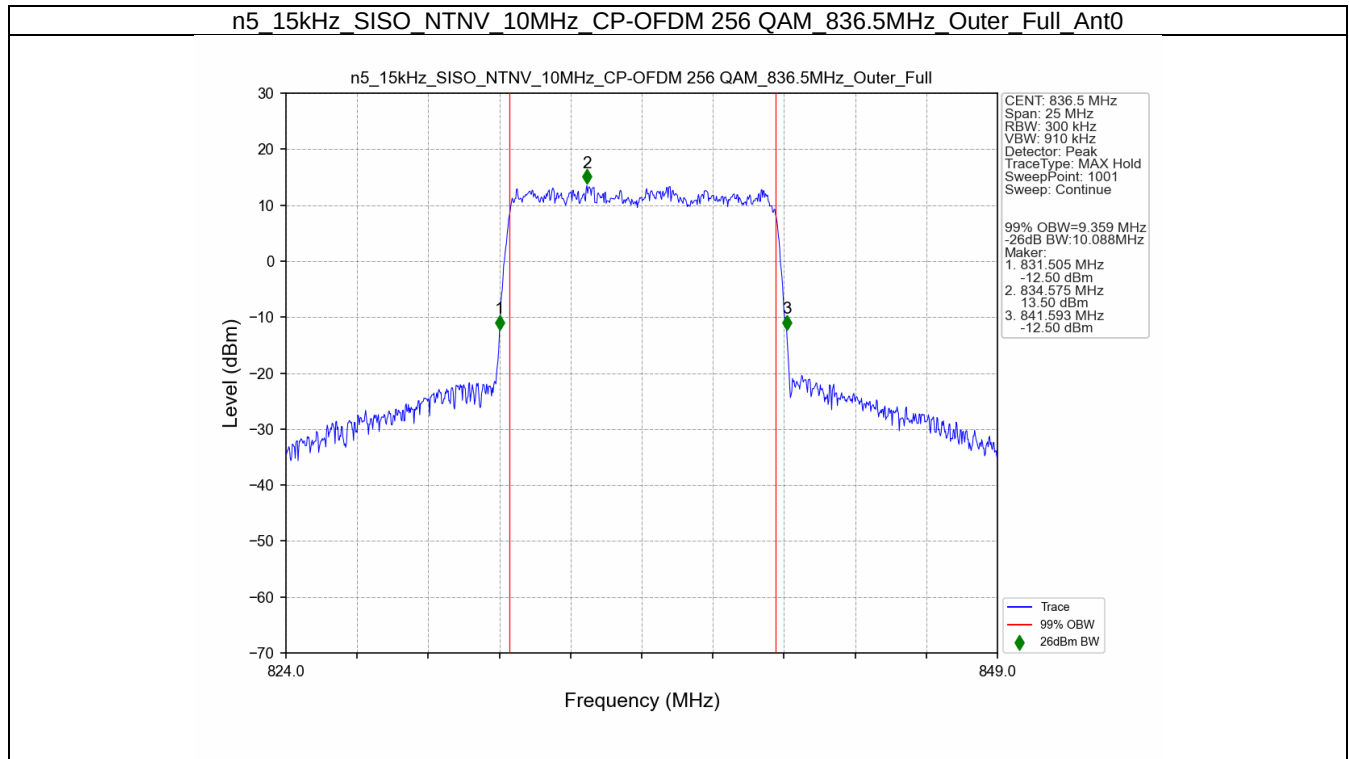


n5_15kHz_SISO_NTNV_10MHz_CP-OFDM 16 QAM 836.5MHz_Outer_Full_Ant0

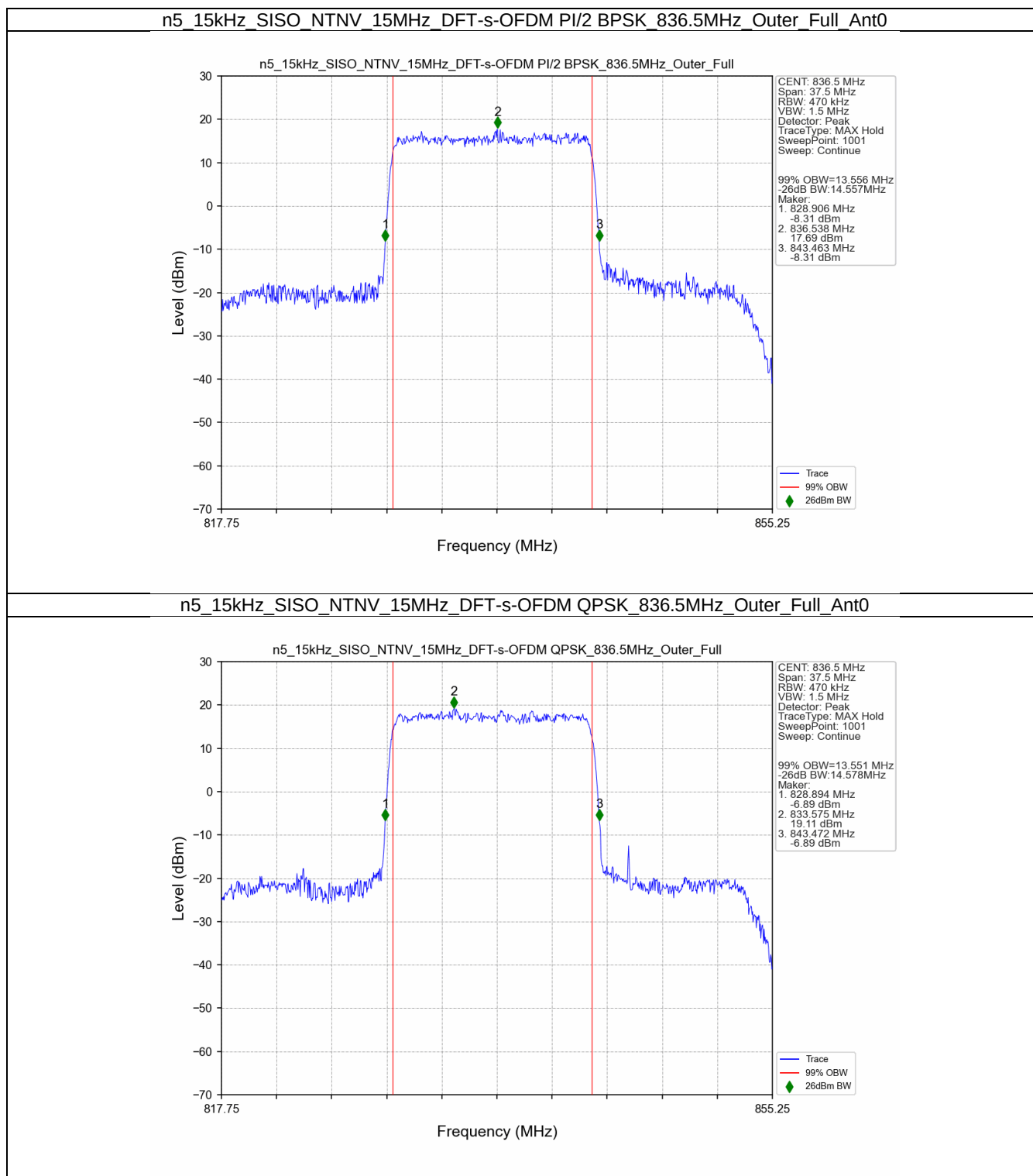


n5_15kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM 836.5MHz_Outer_Full_Ant0

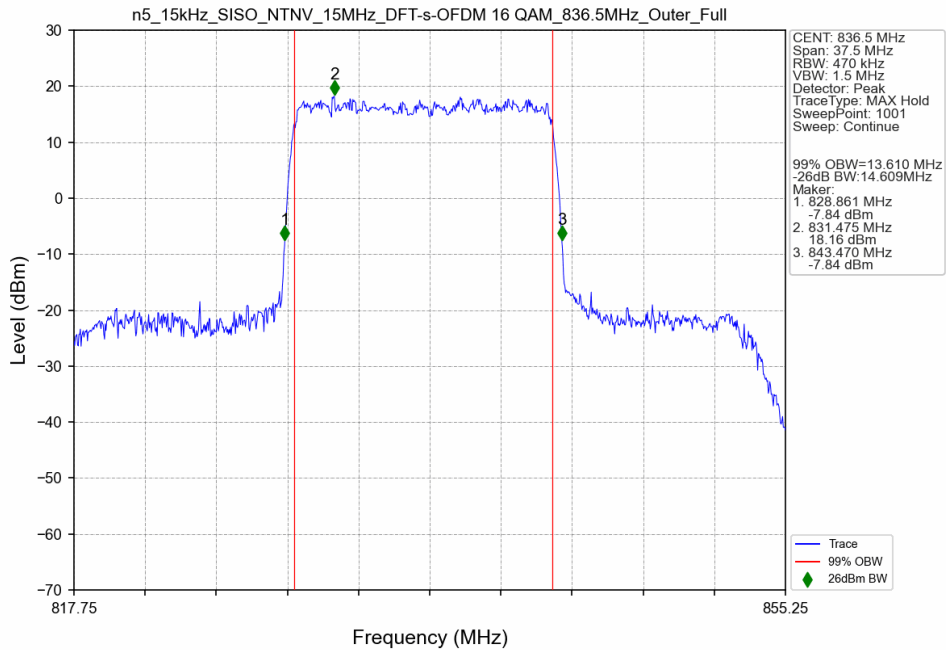




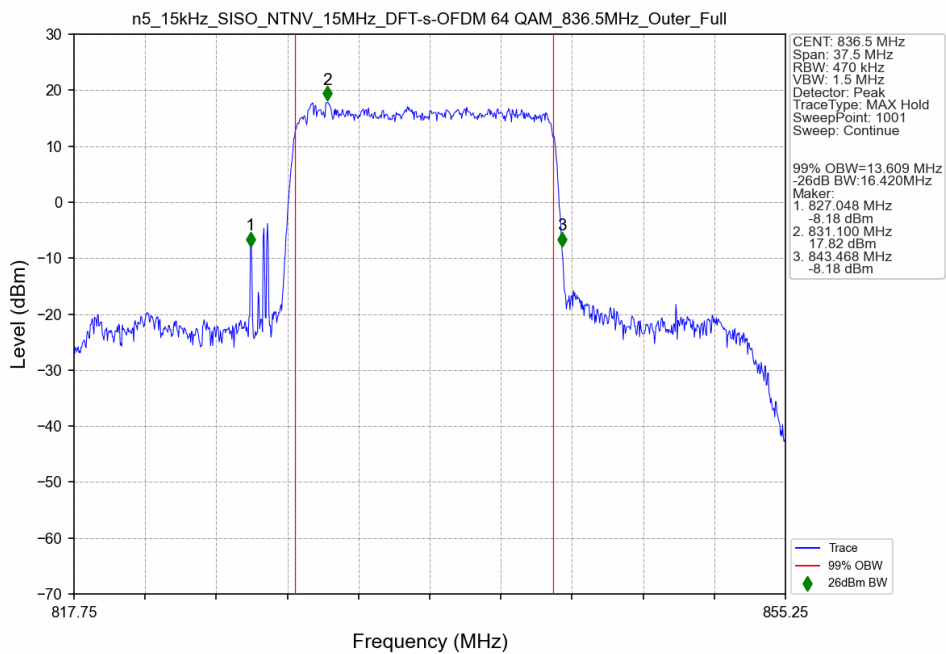
3.2.3 15_S_15M_NTNV



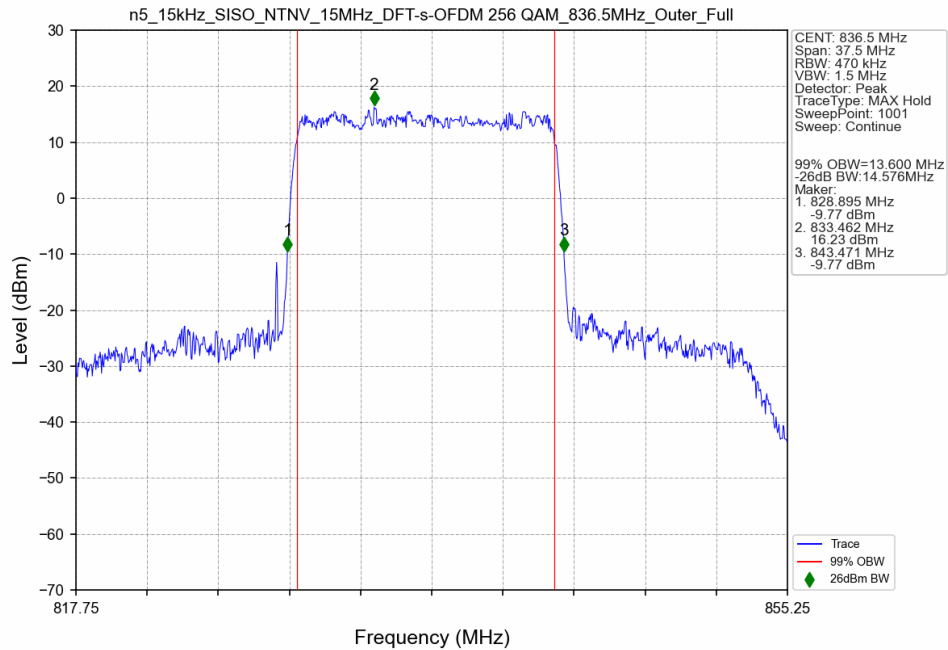
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 16 QAM 836.5MHz_Outer_Full_Ant0



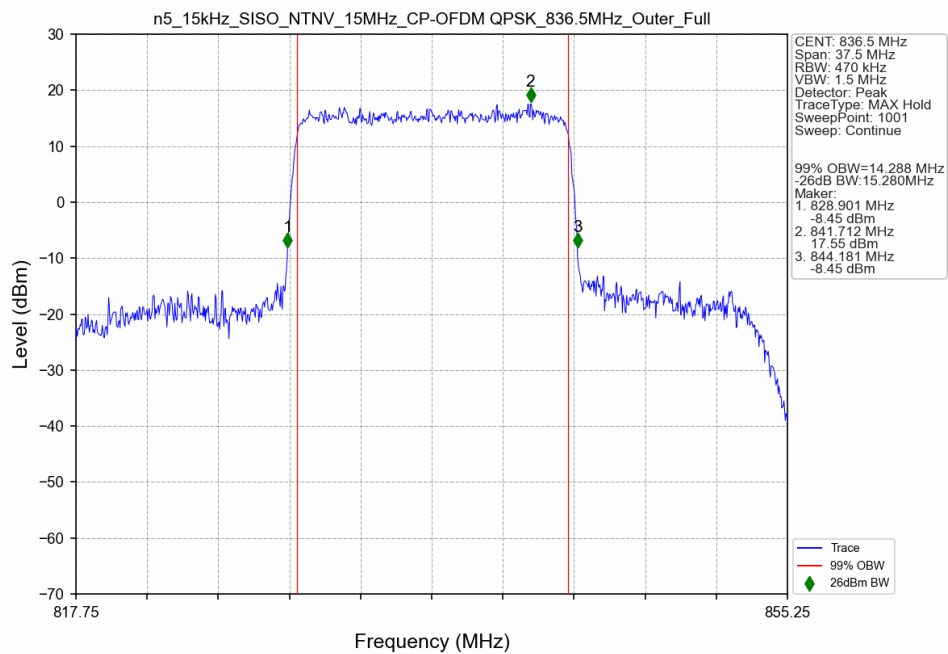
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 64 QAM 836.5MHz_Outer_Full_Ant0



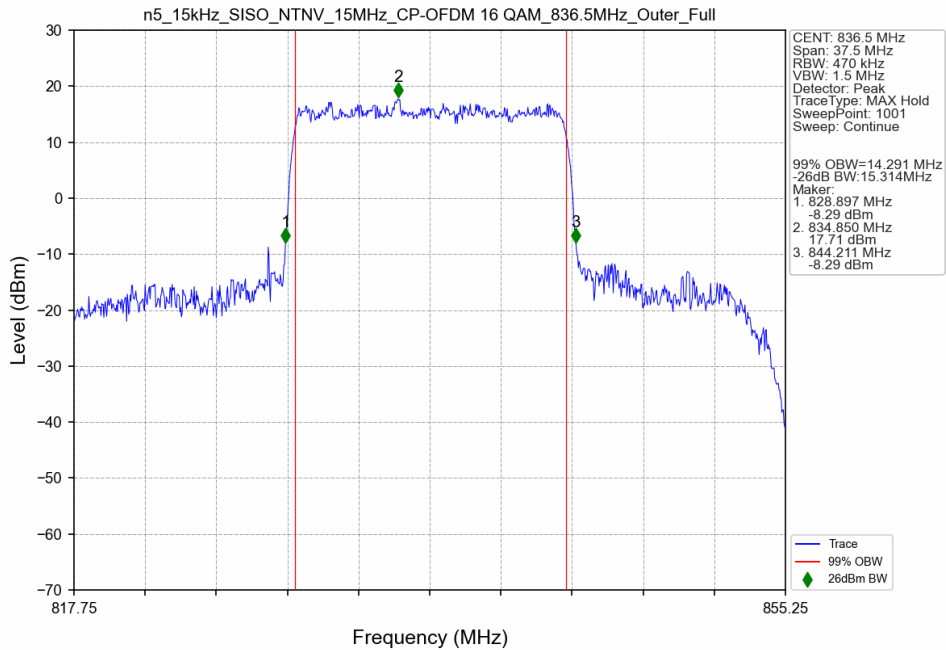
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 256 QAM_836.5MHz_Outer_Full_Ant0



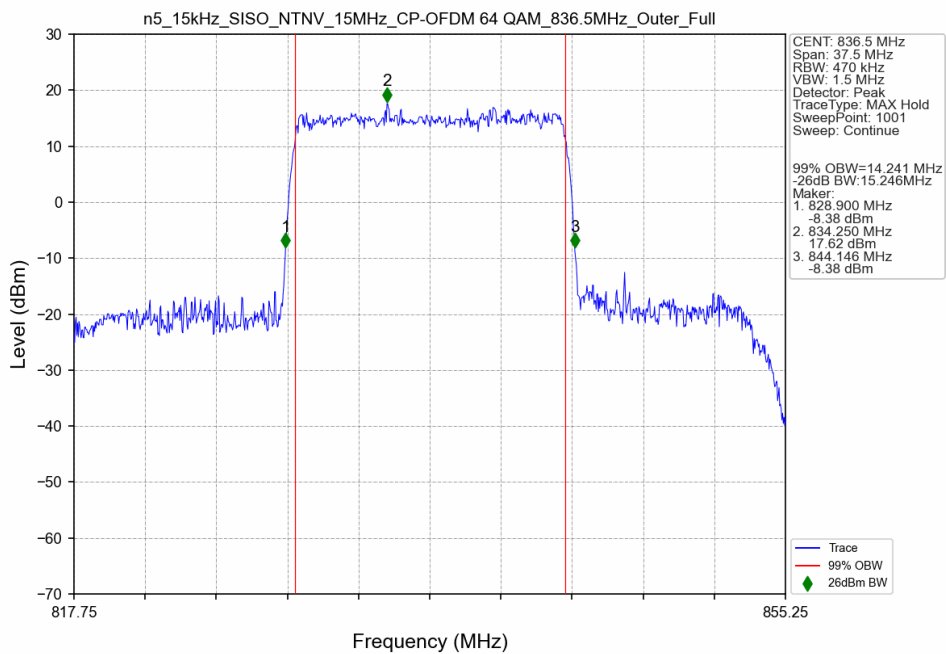
n5_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_836.5MHz_Outer_Full_Ant0

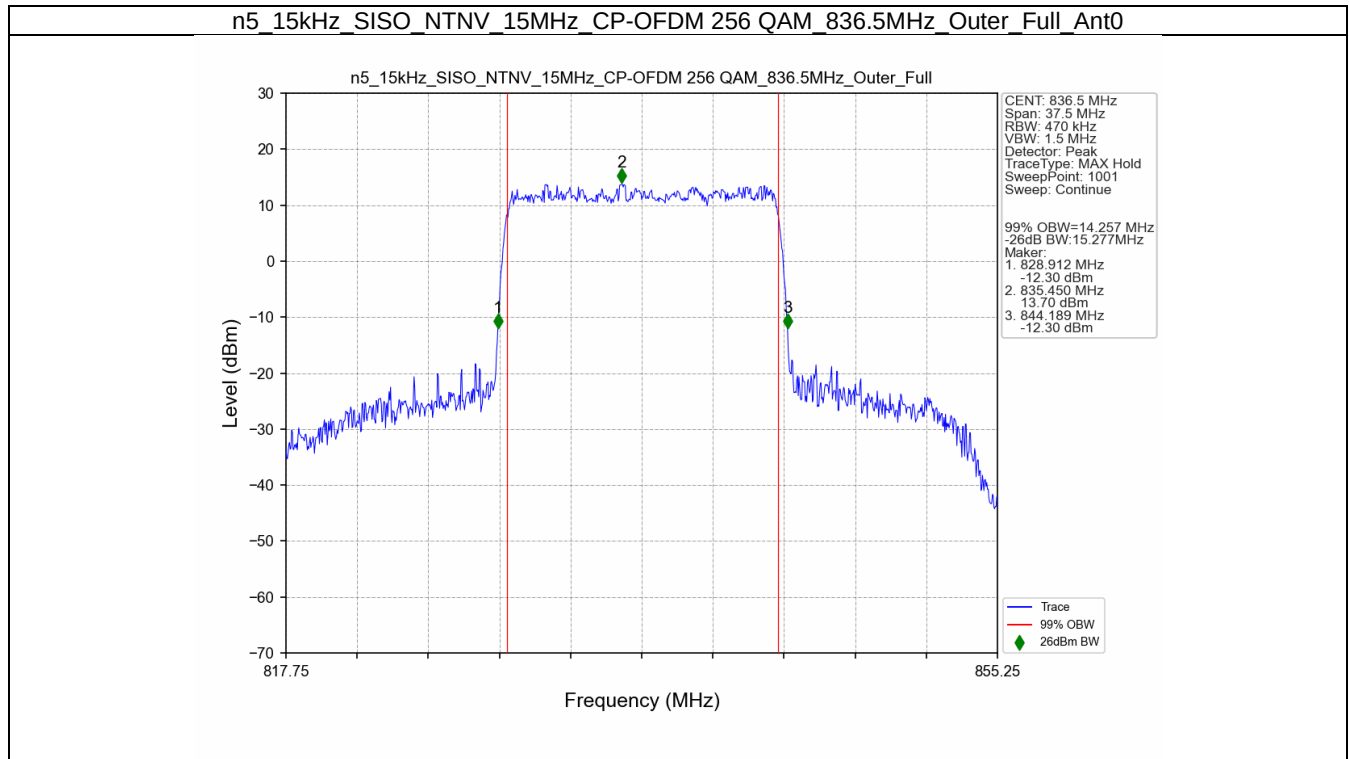


n5_15kHz_SISO_NTNV_15MHz_CP-OFDM 16 QAM 836.5MHz_Outer_Full_Ant0

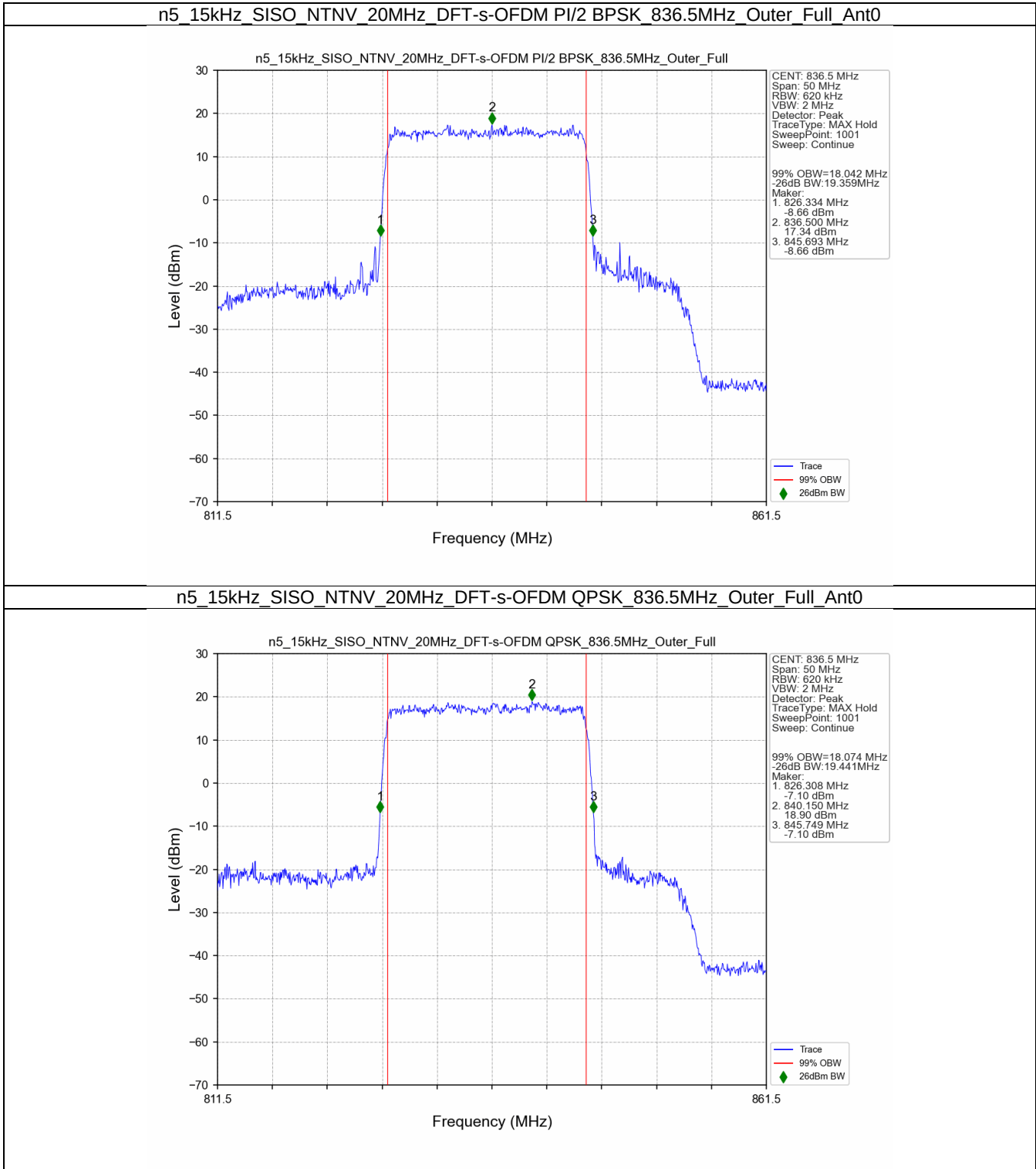


n5_15kHz_SISO_NTNV_15MHz_CP-OFDM 64 QAM 836.5MHz_Outer_Full_Ant0

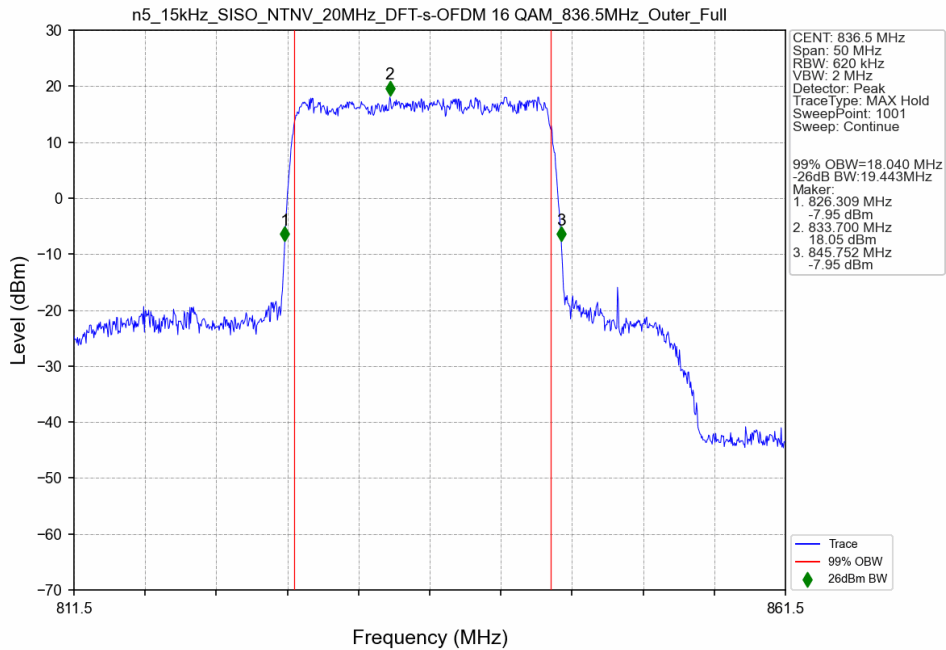




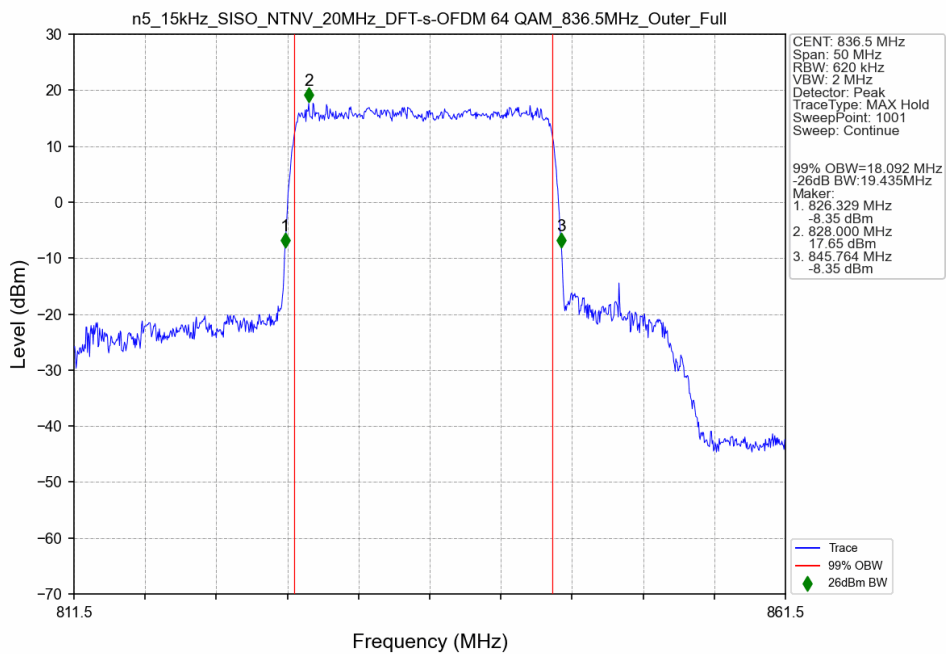
3.2.4 15_S_20M_NTNV

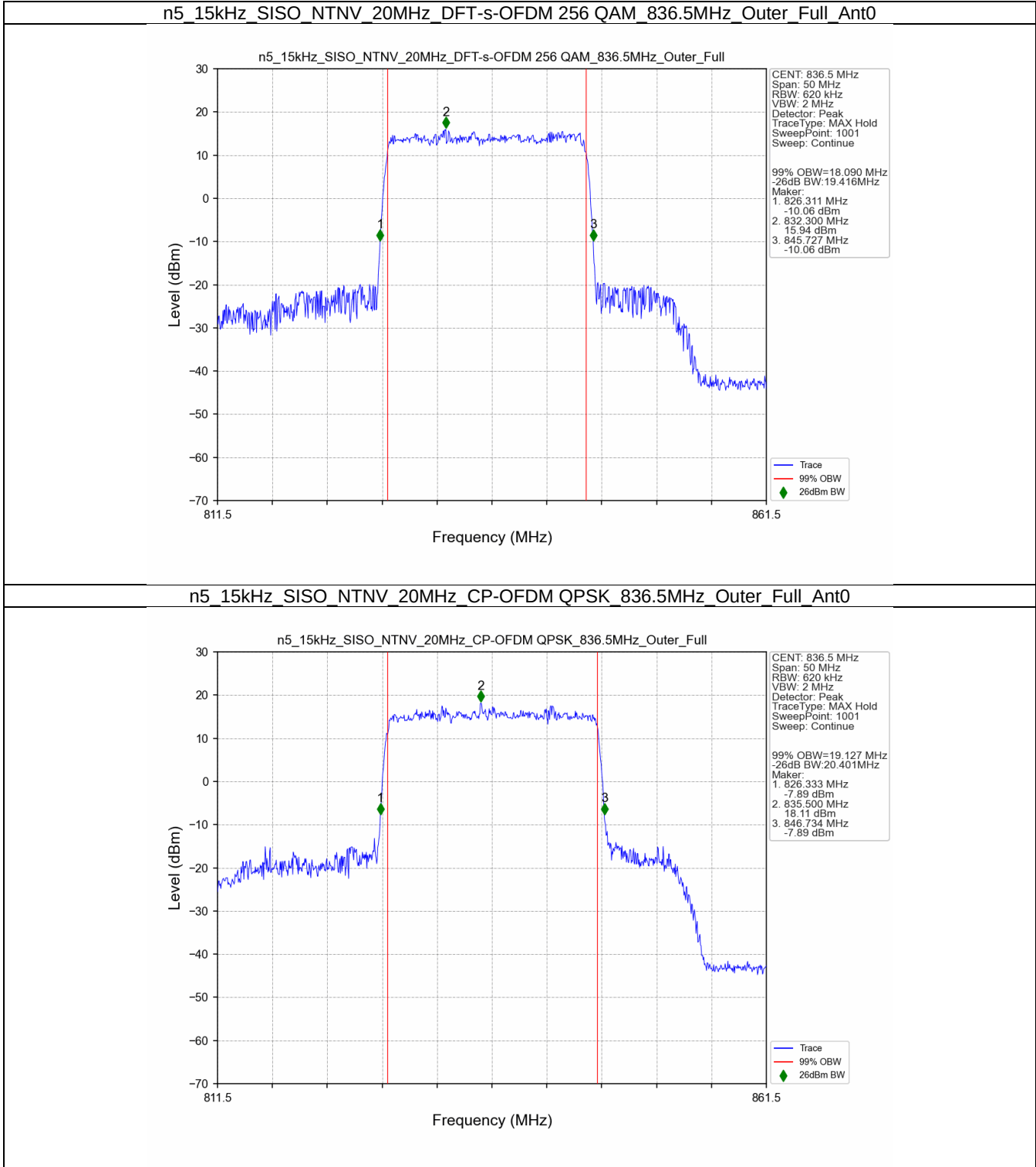


n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 16 QAM 836.5MHz_Outer_Full_Ant0

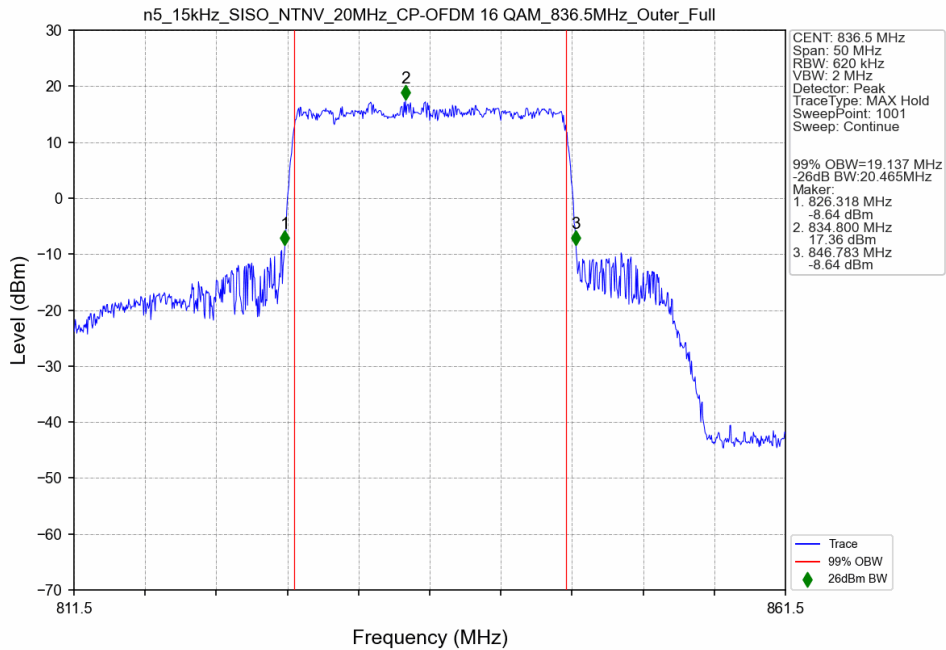


n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 64 QAM 836.5MHz_Outer_Full_Ant0

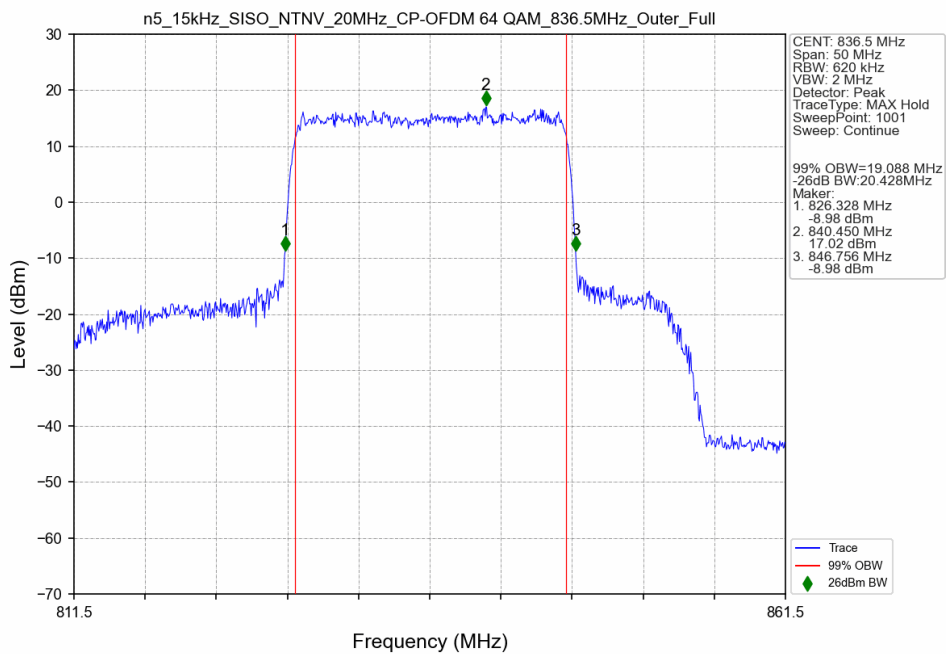


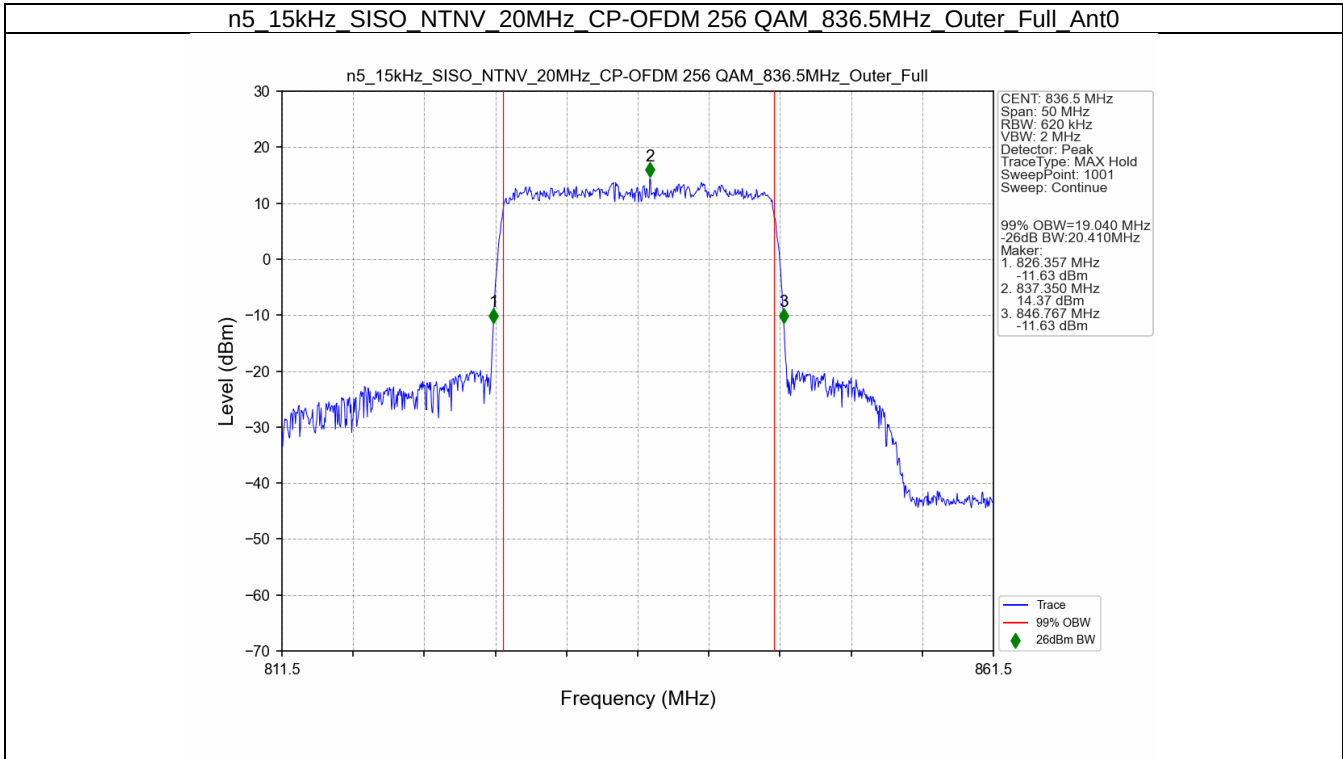


n5_15kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM 836.5MHz_Outer_Full_Ant0



n5_15kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM 836.5MHz_Outer_Full_Ant0





4. Peak-Average Ratio

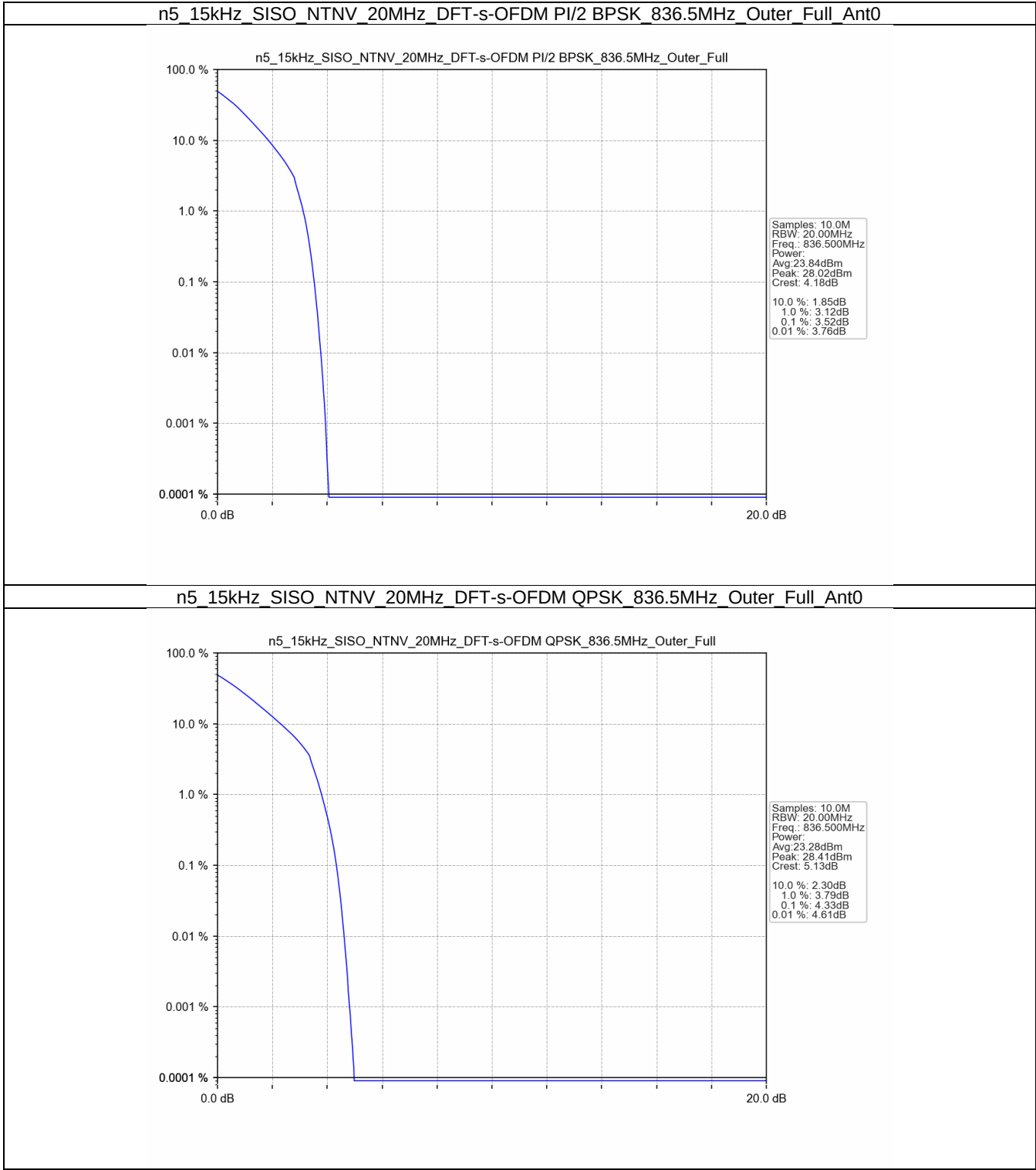
4.1 Test Result

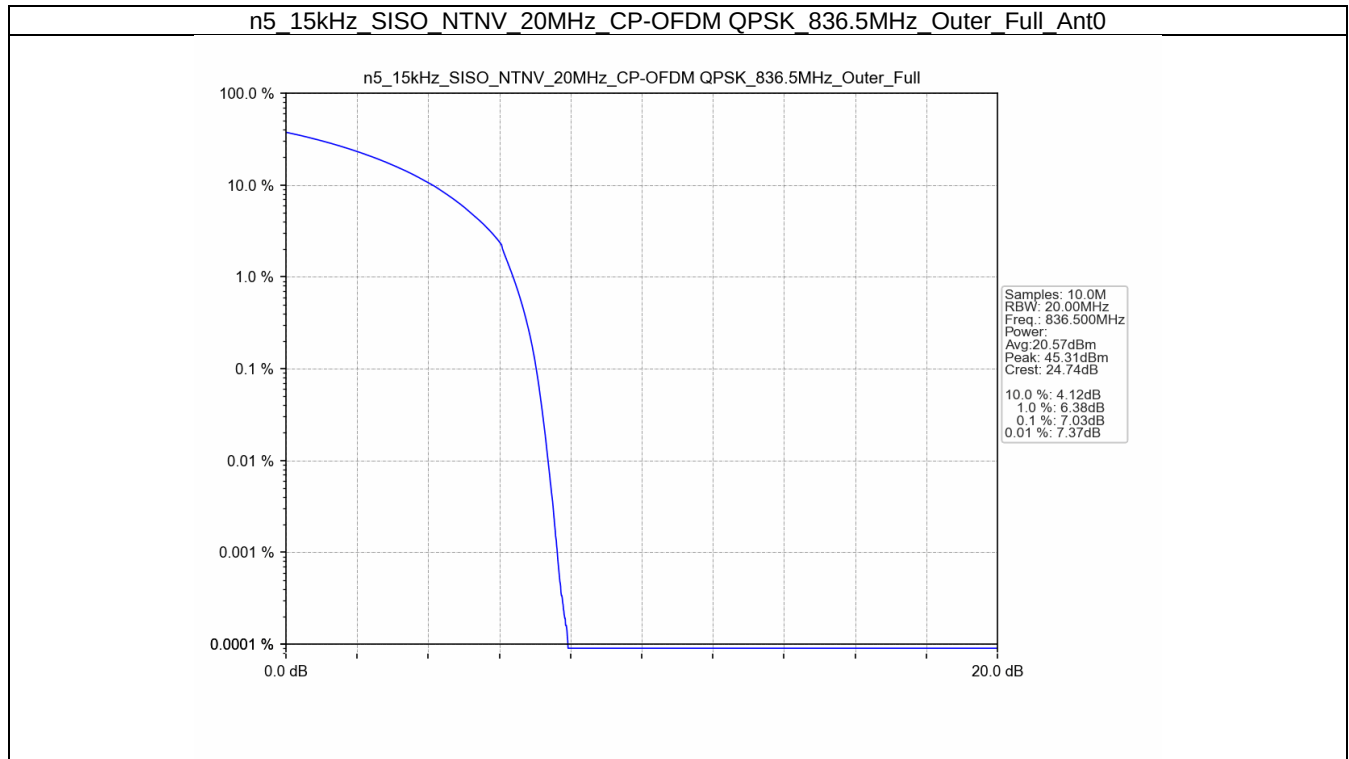
4.1.1 15_S_20M_NTNV

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	3.52	/	/	<=13	Pass
DFT-s-OFDM QPSK	836.5	Outer_Full	4.33	/	/	<=13	Pass
CP-OFDM QPSK	836.5	Outer_Full	7.03	/	/	<=13	Pass

4.2 Test Graph

4.2.1 15_S_20M_NTNV





5. Spurious Emission

5.1 Test Result

5.1.1 15_S_5M_NTNV

5G NR n5 SCS=15kHz SISO 5MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant0	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	826.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	836.5	Edge_1RB_Left	Refer To Test Graph				Pass
		846.5	Edge_1RB_Right	Refer To Test Graph			
	Outer_Full		Refer To Test Graph				Pass
	DFT-s-OFDM QPSK	826.5	Edge_1RB_Left	Refer To Test Graph			
Outer_Full			Refer To Test Graph				Pass
836.5		Edge_1RB_Left	Refer To Test Graph				Pass
		846.5	Edge_1RB_Right	Refer To Test Graph			
Outer_Full			Refer To Test Graph				Pass
CP-OFDM QPSK		826.5	Edge_1RB_Left	Refer To Test Graph			
	Outer_Full		Refer To Test Graph				Pass
	836.5	Edge_1RB_Left	Refer To Test Graph				Pass
		846.5	Edge_1RB_Right	Refer To Test Graph			
	Outer_Full		Refer To Test Graph				Pass

5.1.2 15_S_15M_NTNV

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

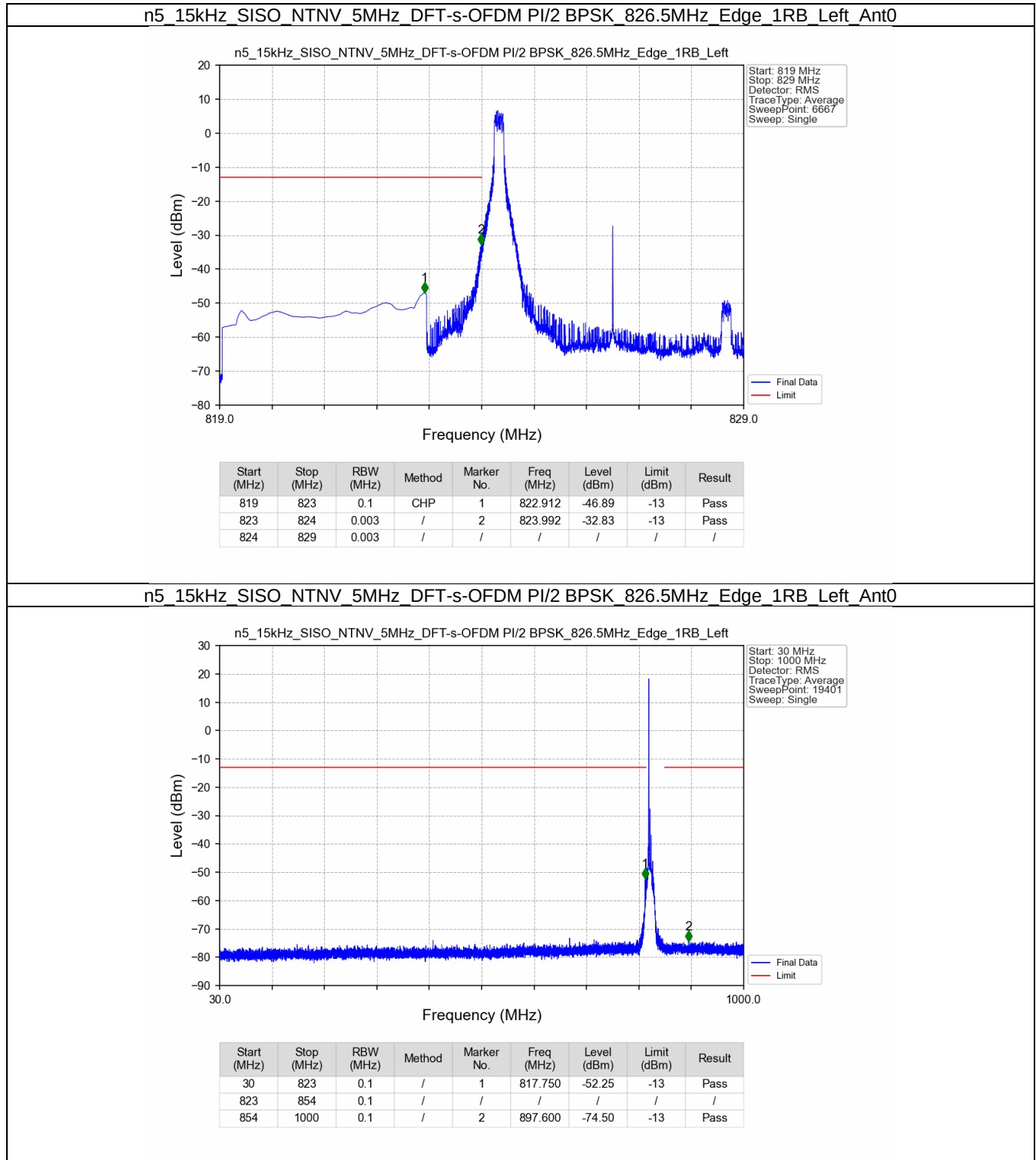
5.1.3 15_S_20M_NTNV

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

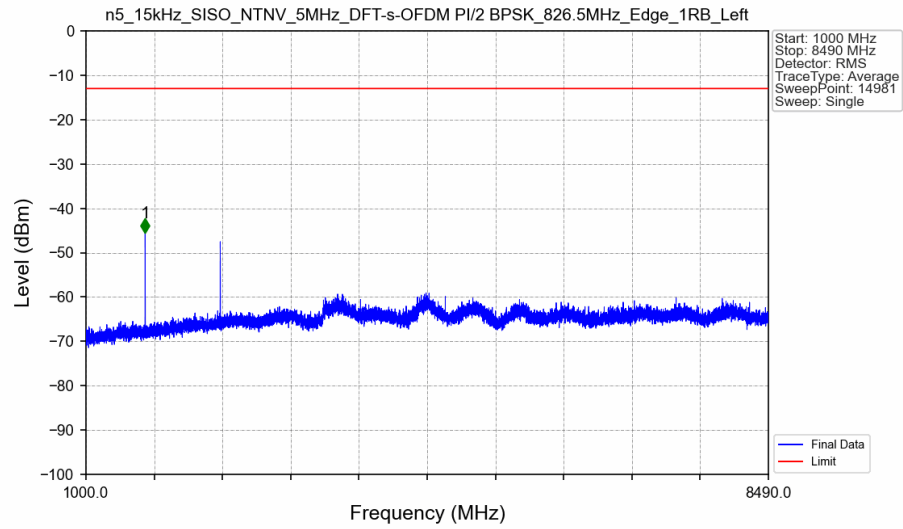
		Outer_Full	Refer To Test Graph	Pass
	836.5	Edge_1RB_Left	Refer To Test Graph	Pass
	839	Edge_1RB_Right	Refer To Test Graph	Pass
		Outer_Full	Refer To Test Graph	Pass
CP-OFDM QPSK	834	Edge_1RB_Left	Refer To Test Graph	Pass
		Outer_Full	Refer To Test Graph	Pass
	836.5	Edge_1RB_Left	Refer To Test Graph	Pass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

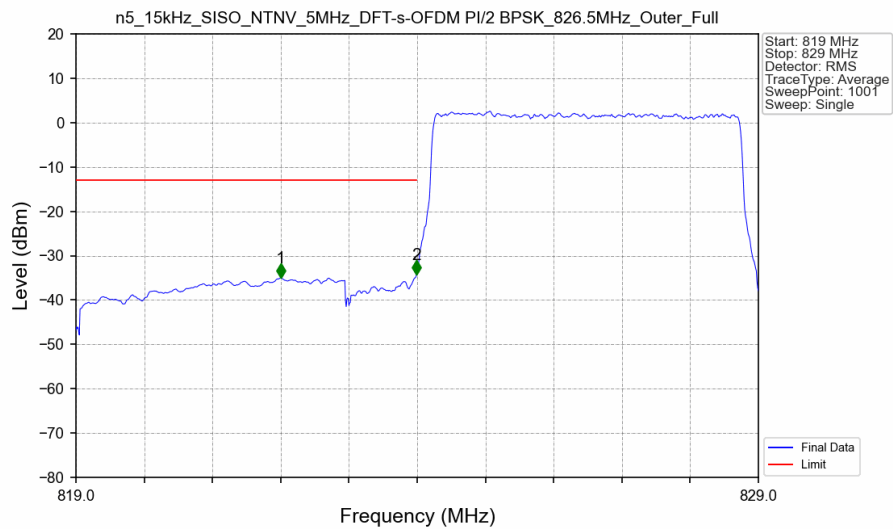


n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_826.5MHz_Edge_1RB_Left_Ant0



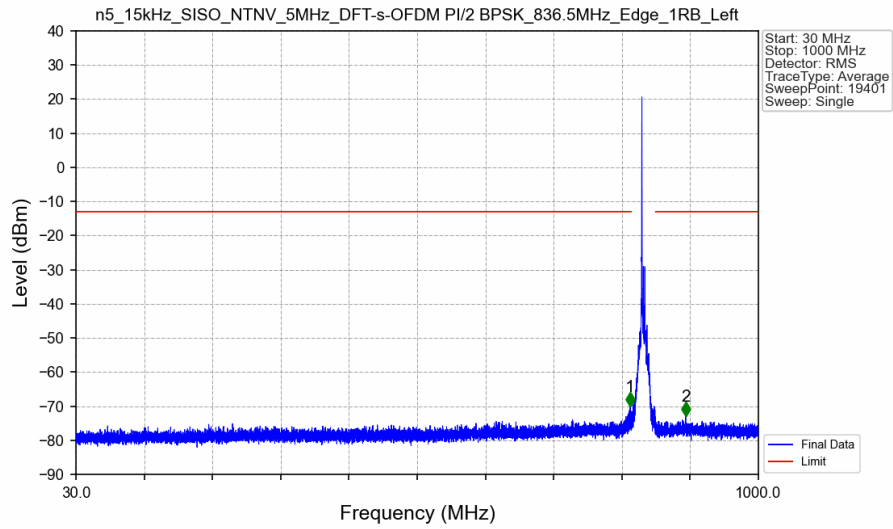
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1649.500	-45.54	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_826.5MHz_Outer_Full_Ant0

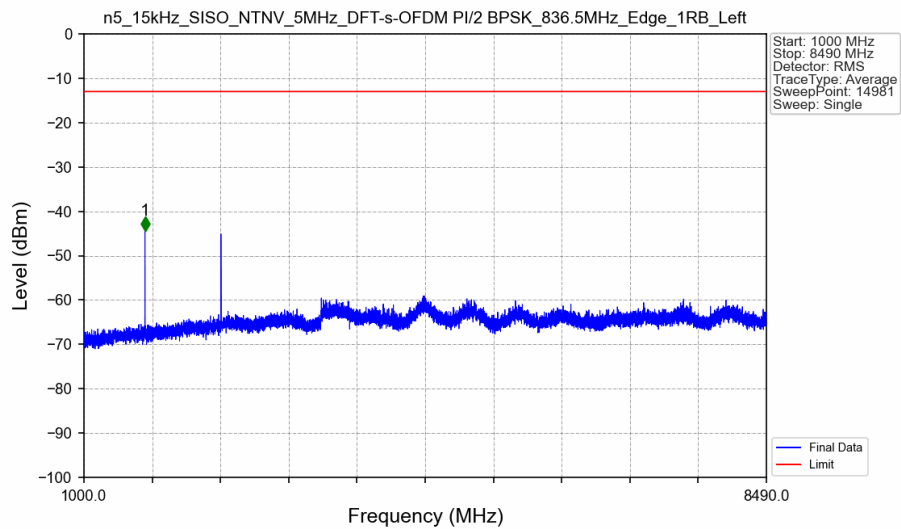


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.000	-35.02	-13	Pass
823	824	0.05004	CHP	2	823.990	-34.25	-13	Pass
824	829	0.05004	CHP	/	/	/	/	/

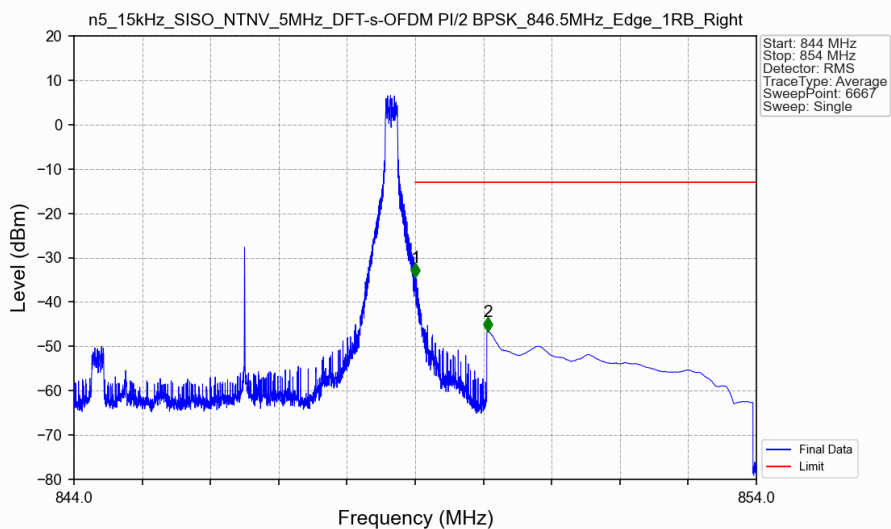
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_836.5MHz_Edge_1RB_Left_Ant0



n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_836.5MHz_Edge_1RB_Left_Ant0

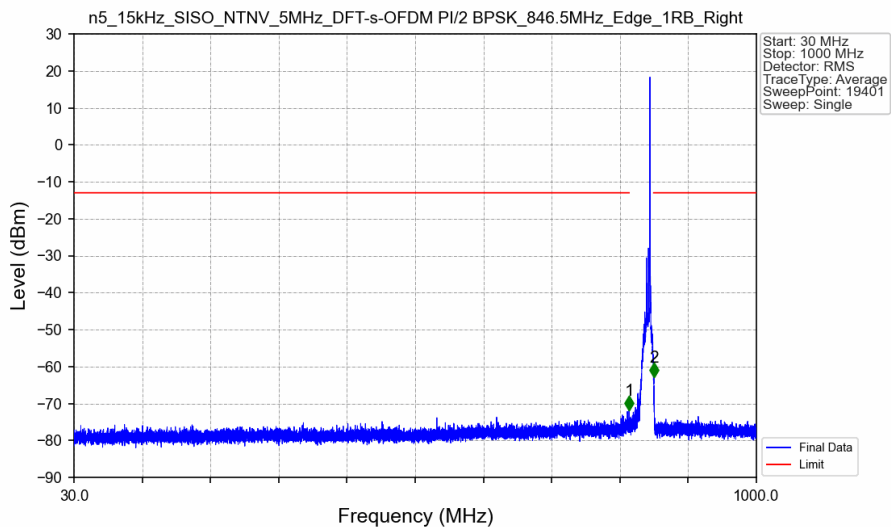


n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_846.5MHz_Edge_1RB_Right_Ant0



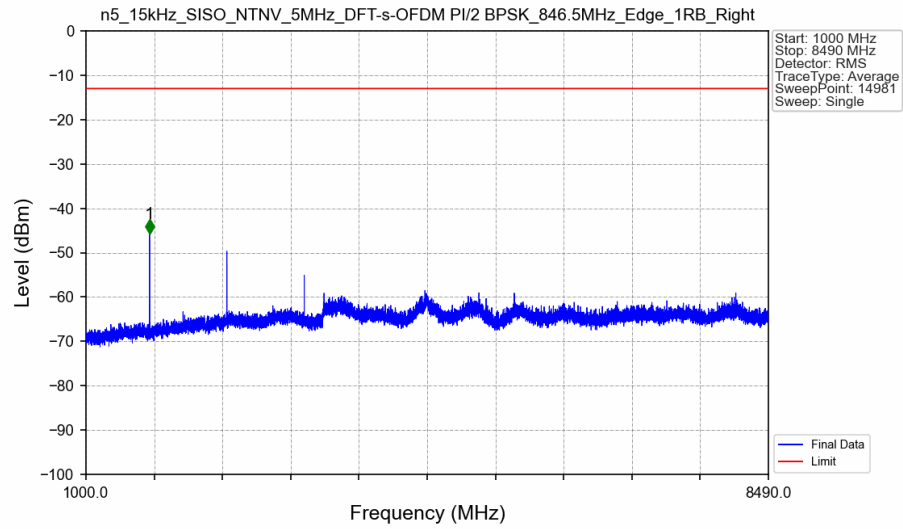
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.005	-34.38	-13	Pass
850	854	0.1	CHP	2	850.061	-46.68	-13	Pass

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



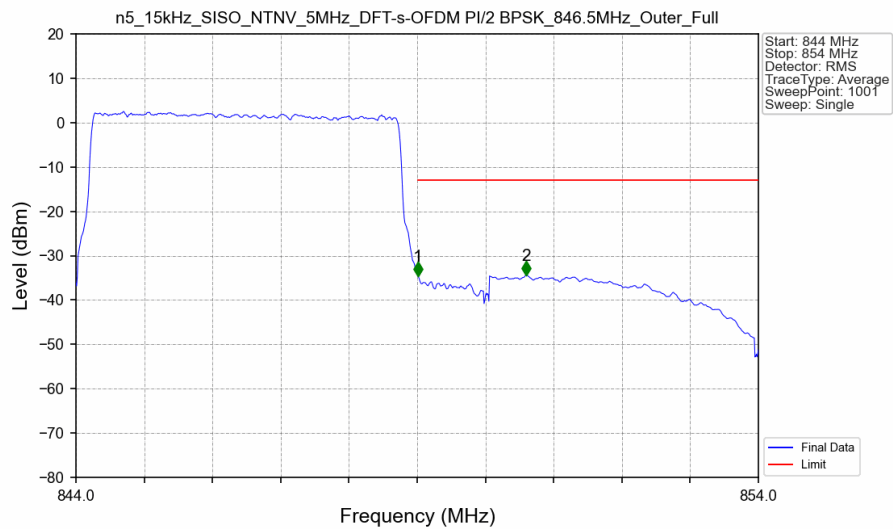
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.950	-71.79	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	854.200	-62.77	-13	Pass

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



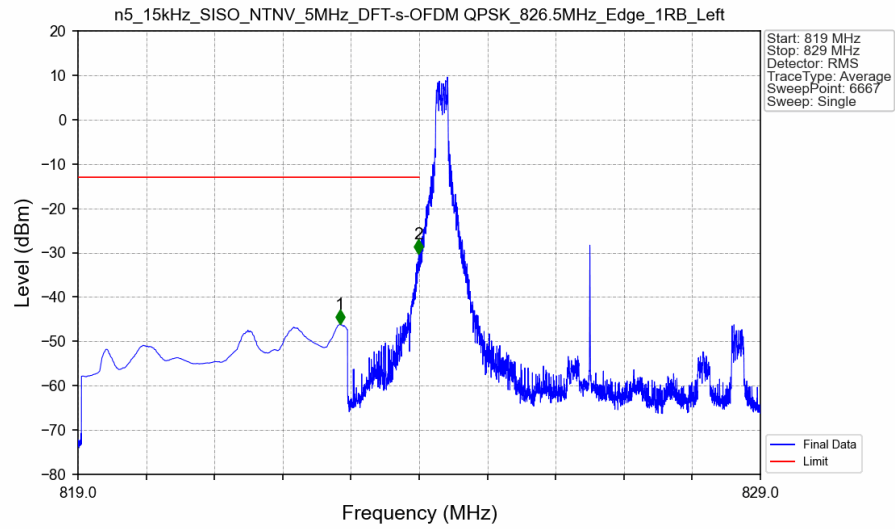
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1698.000	-45.72	-13	Pass

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



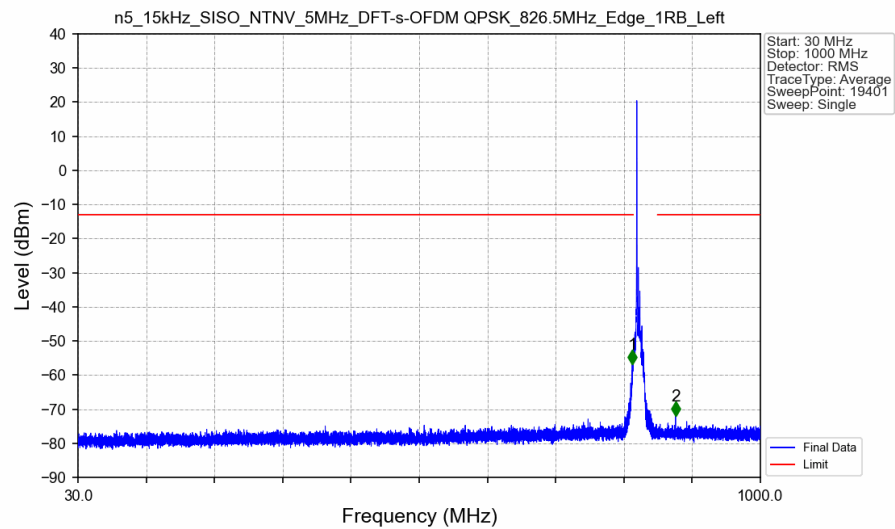
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.05004	CHP	/	/	/	/	/
849	850	0.05004	CHP	1	849.010	-34.56	-13	Pass
850	854	0.1	CHP	2	850.600	-34.40	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_826.5MHz_Edge_1RB_Left_Ant0



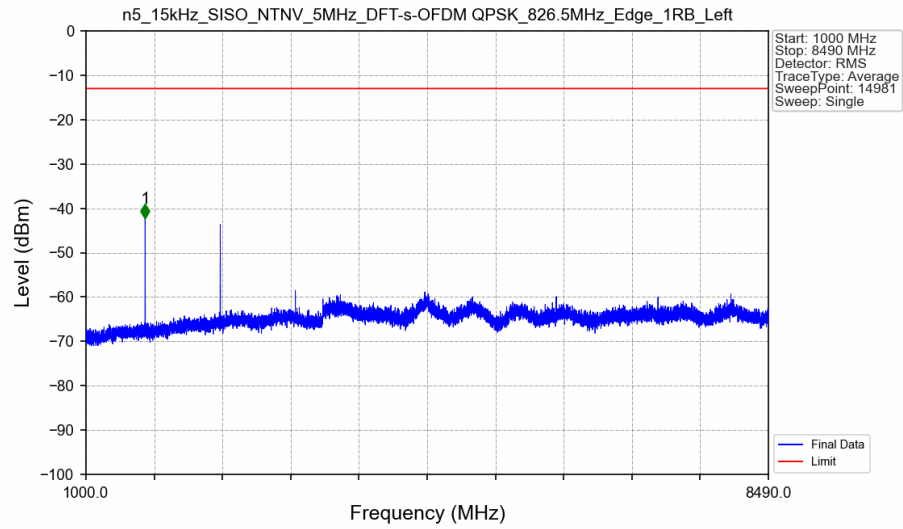
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.840	-46.08	-13	Pass
823	824	0.003	/	2	823.994	-30.14	-13	Pass
824	829	0.003	/	/	/	/	/	/

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_826.5MHz_Edge_1RB_Left_Ant0



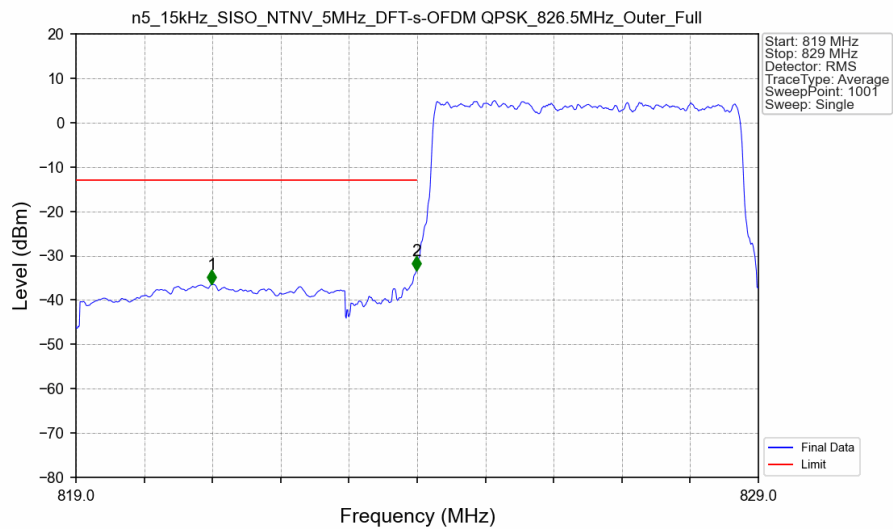
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	817.800	-56.80	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	879.400	-71.99	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK 826.5MHz_Edge_1RB_Left_Ant0



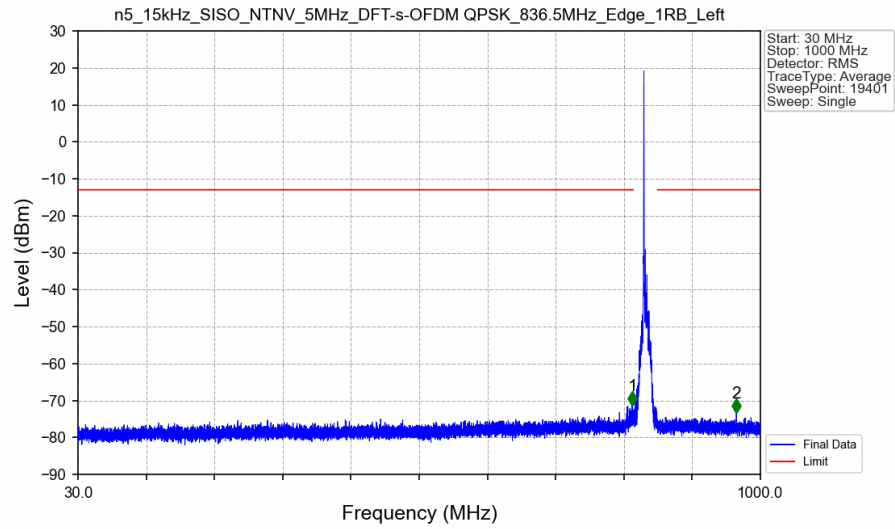
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1649.500	-42.21	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK 826.5MHz_Outer_Full_Ant0

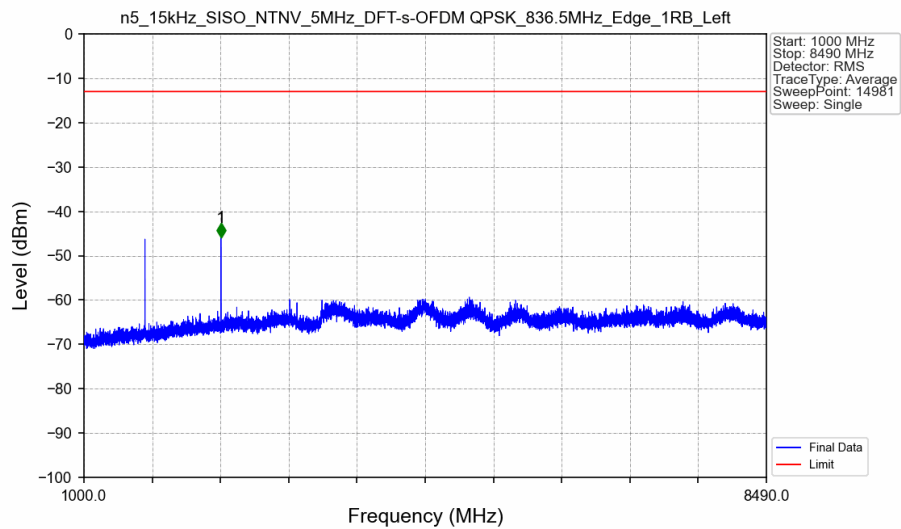


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	820.990	-36.46	-13	Pass
823	824	0.05004	CHP	2	823.990	-33.32	-13	Pass
824	829	0.05004	CHP	/	/	/	/	/

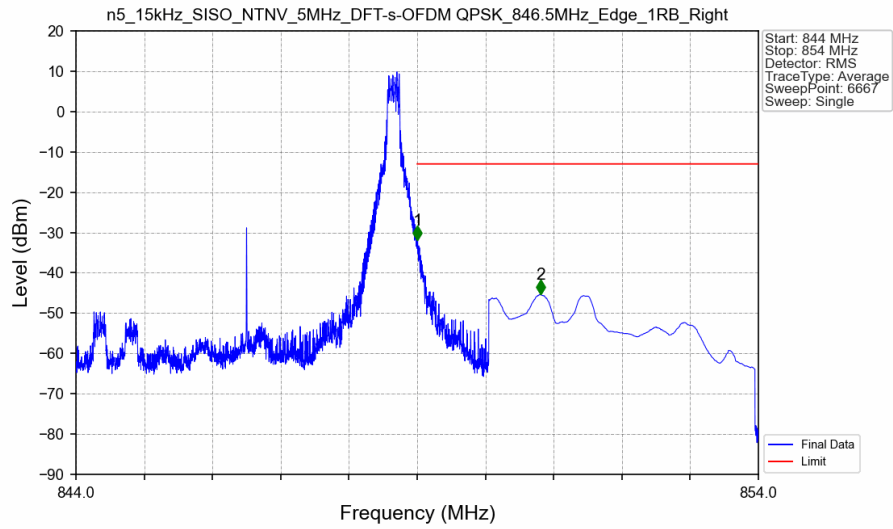
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_836.5MHz_Edge_1RB_Left_Ant0



n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_836.5MHz_Edge_1RB_Left_Ant0

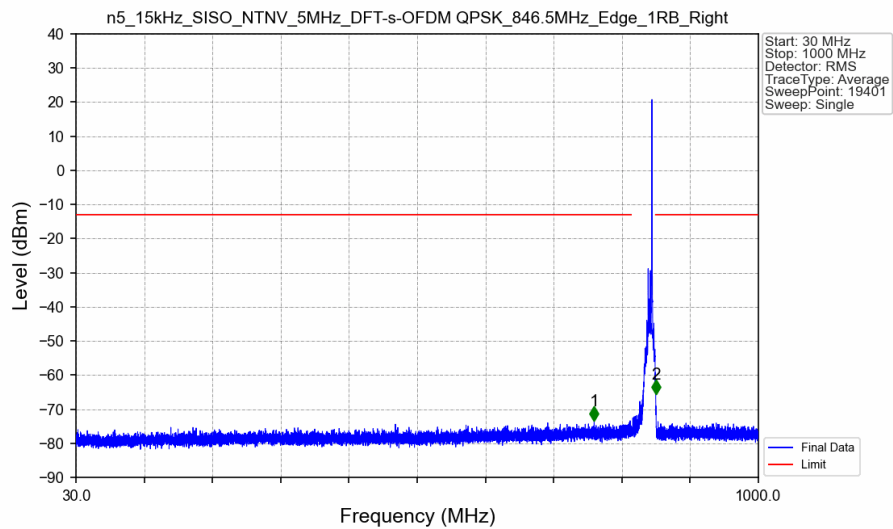


n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_846.5MHz_Edge_1RB_Right_Ant0



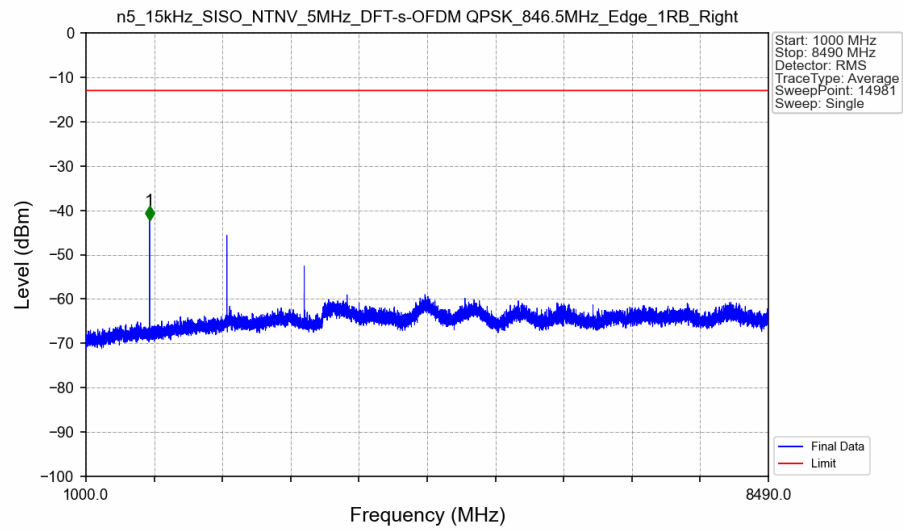
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.003	-31.87	-13	Pass
850	854	0.1	CHP	2	850.809	-45.33	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_846.5MHz_Edge_1RB_Right_Ant0



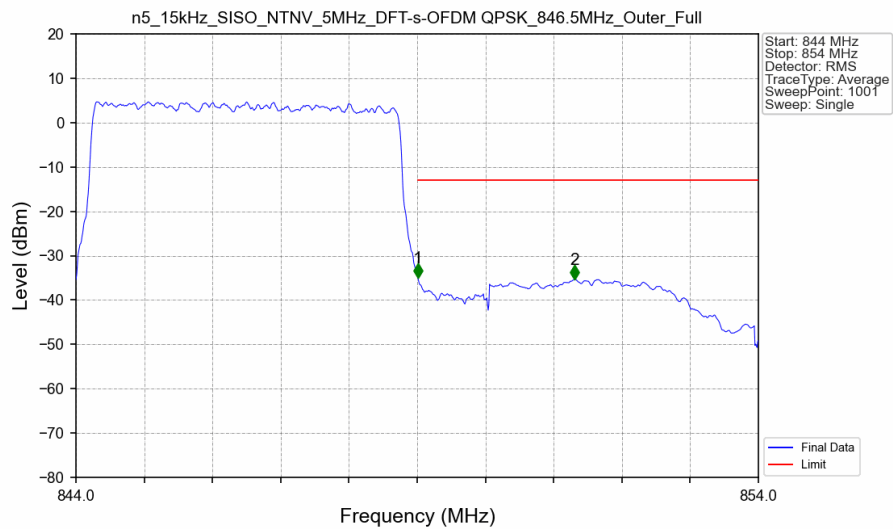
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	766.600	-73.30	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	854.100	-65.49	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_846.5MHz_Edge_1RB_Right_Ant0



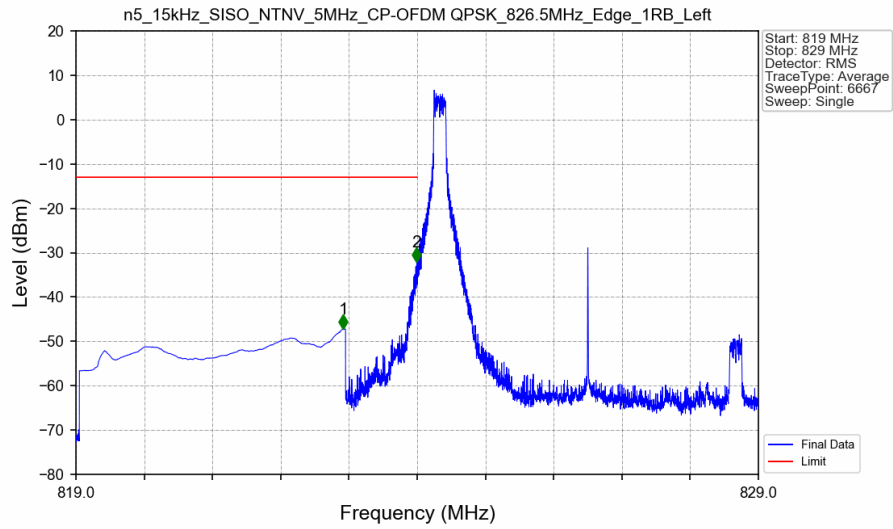
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1698.000	-42.23	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_846.5MHz_Outer_Full_Ant0



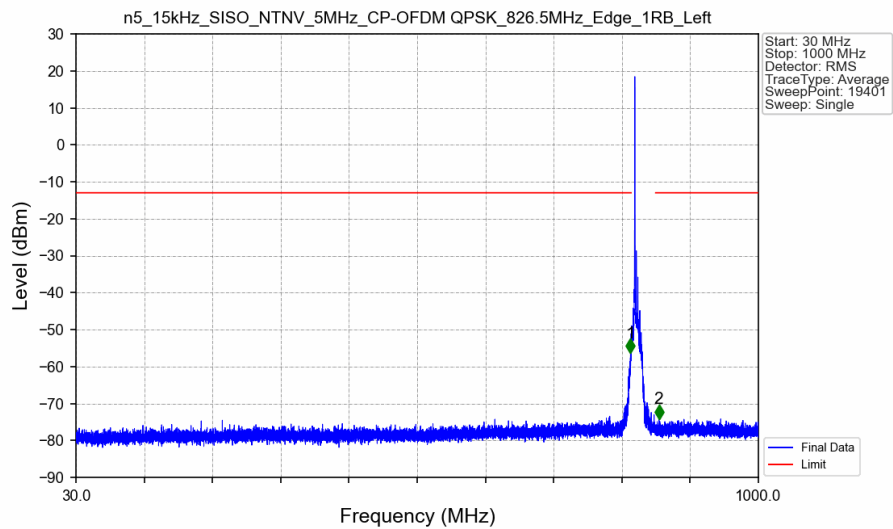
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.05004	CHP	/	/	/	/	/
849	850	0.05004	CHP	1	849.010	-34.95	-13	Pass
850	854	0.1	CHP	2	851.310	-35.32	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_826.5MHz_Edge_1RB_Left_Ant0



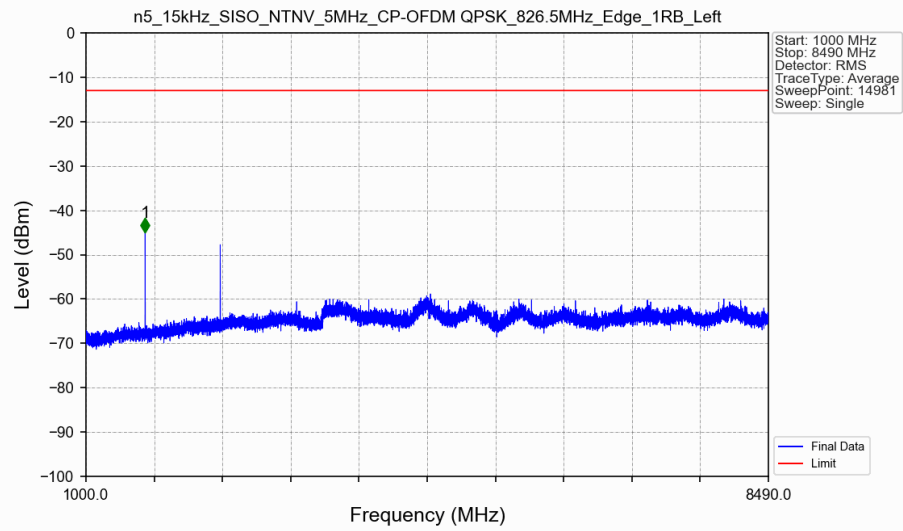
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.917	-47.19	-13	Pass
823	824	0.003	/	2	823.994	-32.07	-13	Pass
824	829	0.003	/	/	/	/	/	/

n5_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_826.5MHz_Edge_1RB_Left_Ant0



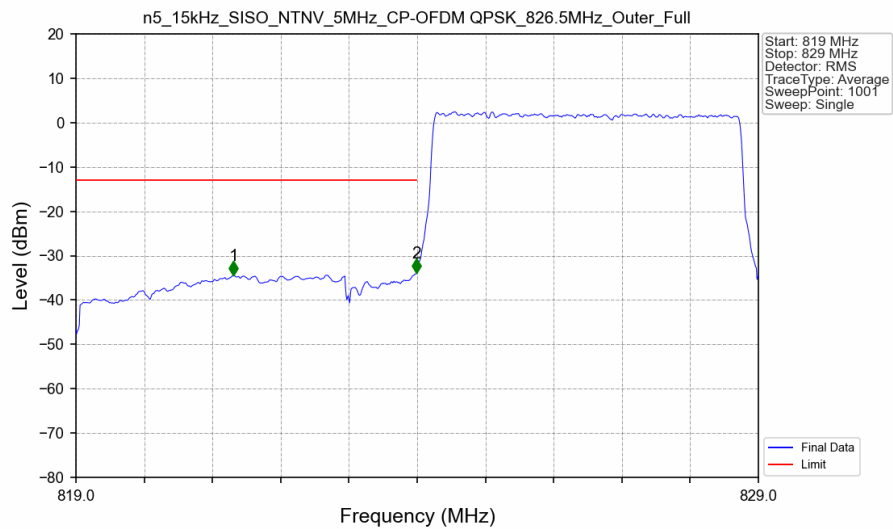
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.250	-56.18	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	858.600	-74.09	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_826.5MHz_Edge_1RB_Left_Ant0



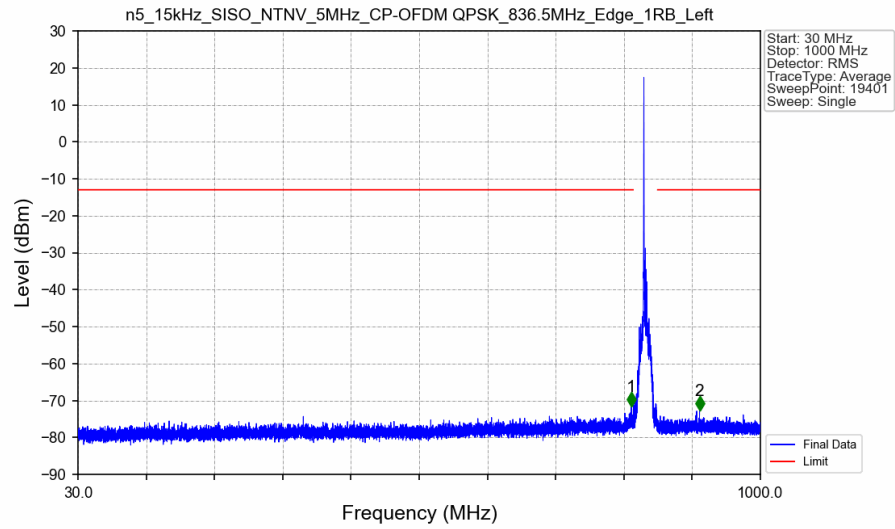
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1649.500	-44.88	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_826.5MHz_Outer_Full_Ant0

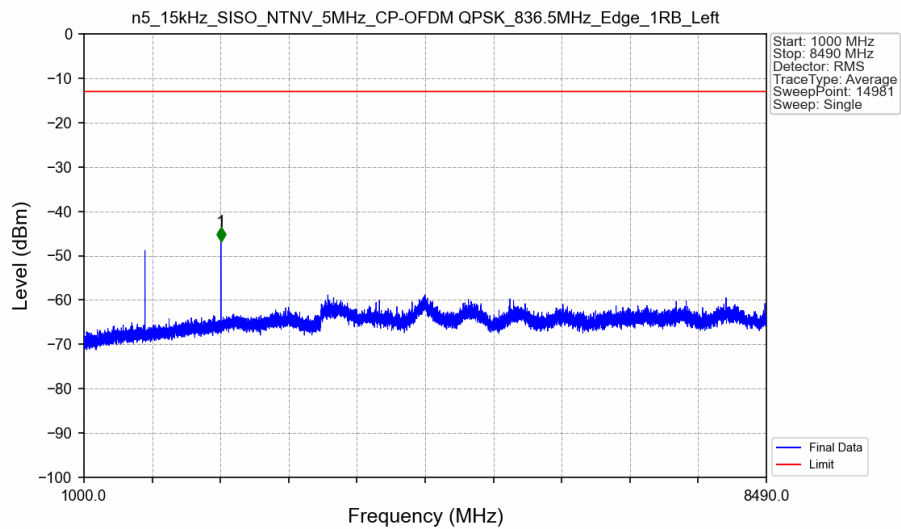


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	821.310	-34.39	-13	Pass
823	824	0.05004	CHP	2	823.990	-33.94	-13	Pass
824	829	0.05004	CHP	/	/	/	/	/

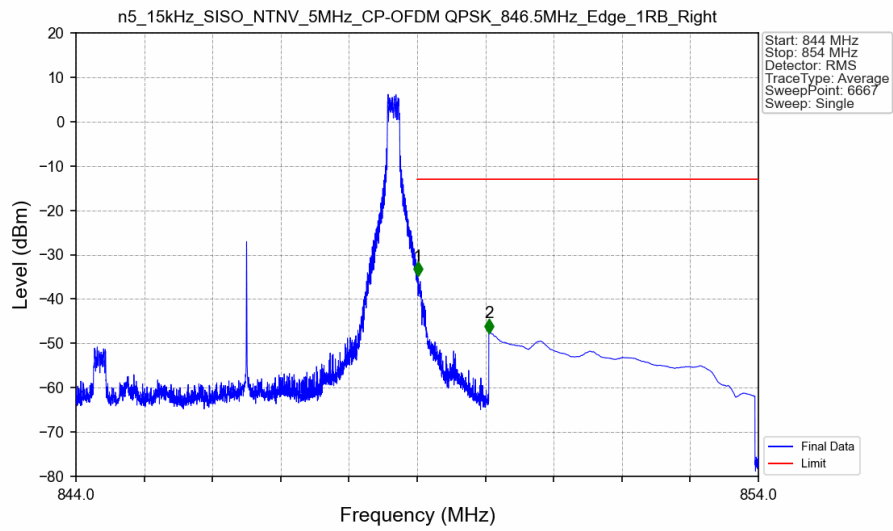
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_836.5MHz_Edge_1RB_Left_Ant0



n5_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_836.5MHz_Edge_1RB_Left_Ant0

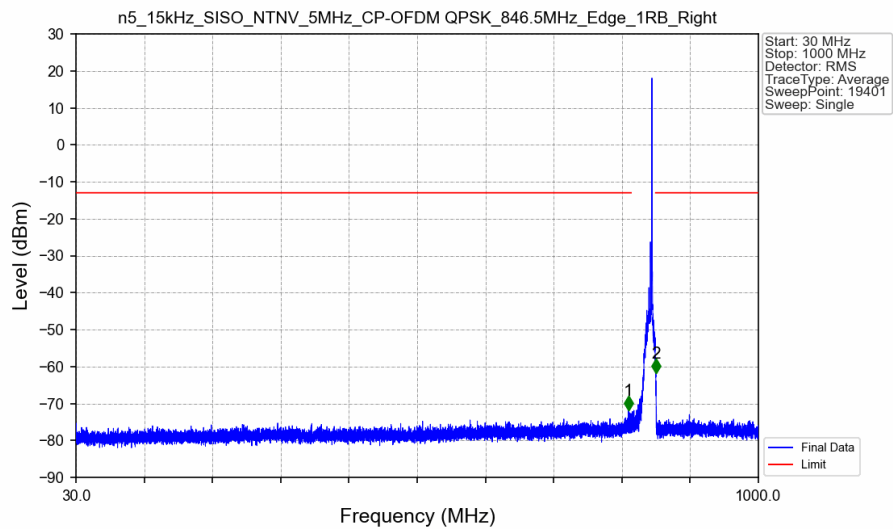


n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_846.5MHz_Edge_1RB_Right_Ant0



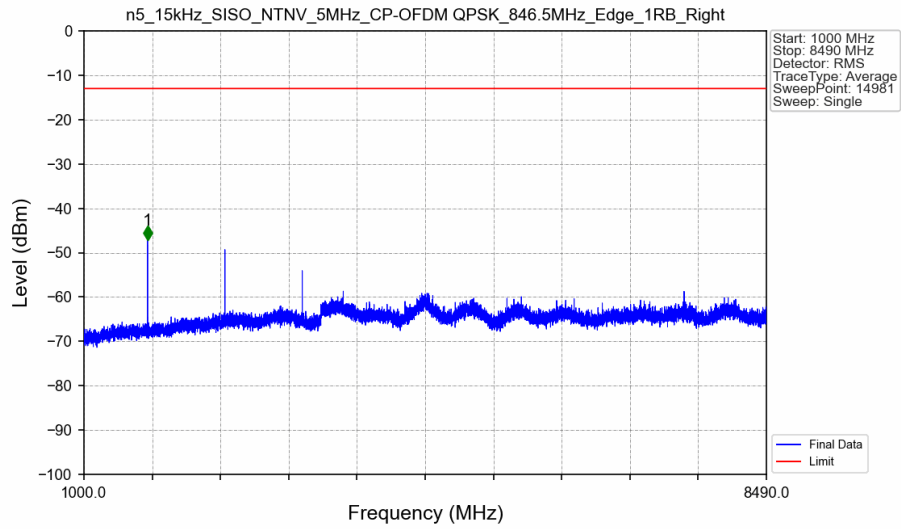
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.008	-34.70	-13	Pass
850	854	0.1	CHP	2	850.053	-47.61	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_846.5MHz_Edge_1RB_Right_Ant0



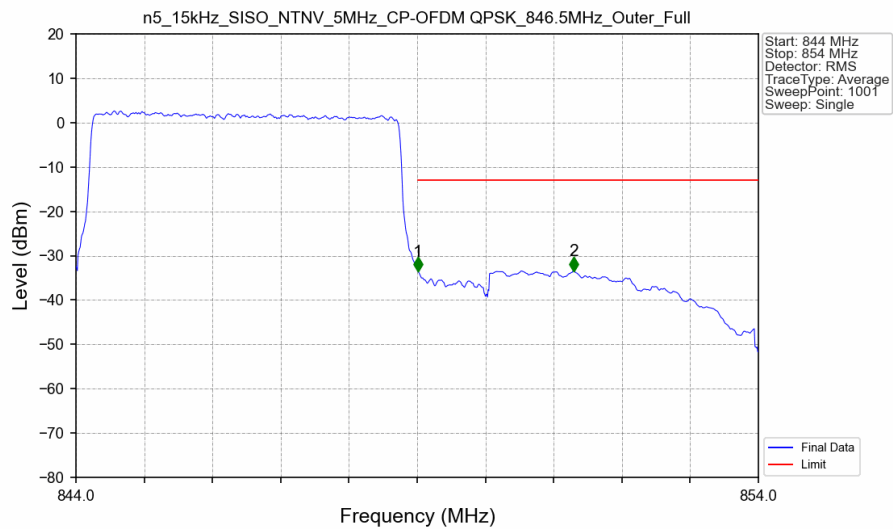
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	815.350	-71.81	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	854.050	-61.80	-13	Pass

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	1698.000	-47.08	-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	0.05004	CHP	/	/	/	/	/
849	850	0.05004	CHP	1	849.010	-33.46	-13	Pass
850	854	0.1	CHP	2	851.290	-33.41	-13	Pass