

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 15_S_5M_NTNV_ERP

5G NR n5 SCS=15kHz SISO 5MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			ERP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	826.5	Edge 1RB Left	24.31	/	/	16.35	/	/	<=38.45	Pass
		Edge 1RB Right	24.27	/	/	16.31	/	/	<=38.45	Pass
		Outer Full	24.26	/	/	16.30	/	/	<=38.45	Pass
		Inner Full	24.71	/	/	16.75	/	/	<=38.45	Pass
		Inner 1RB Left	24.78	/	/	16.82	/	/	<=38.45	Pass
		Inner 1RB Right	24.86	/	/	16.90	/	/	<=38.45	Pass
	836.5	Edge 1RB Left	24.25	/	/	16.29	/	/	<=38.45	Pass
		Edge 1RB Right	24.29	/	/	16.33	/	/	<=38.45	Pass
		Outer Full	24.30	/	/	16.34	/	/	<=38.45	Pass
		Inner Full	24.57	/	/	16.61	/	/	<=38.45	Pass
		Inner 1RB Left	24.64	/	/	16.68	/	/	<=38.45	Pass
		Inner 1RB Right	24.76	/	/	16.80	/	/	<=38.45	Pass
	846.5	Edge 1RB Left	24.19	/	/	16.23	/	/	<=38.45	Pass
		Edge 1RB Right	24.16	/	/	16.20	/	/	<=38.45	Pass
		Outer Full	24.11	/	/	16.15	/	/	<=38.45	Pass
		Inner Full	24.64	/	/	16.68	/	/	<=38.45	Pass
		Inner 1RB Left	24.66	/	/	16.70	/	/	<=38.45	Pass
		Inner 1RB Right	24.56	/	/	16.60	/	/	<=38.45	Pass
DFT-s-OFDM QPSK	826.5	Edge 1RB Left	23.84	/	/	15.88	/	/	<=38.45	Pass
		Edge 1RB Right	23.68	/	/	15.72	/	/	<=38.45	Pass
		Outer Full	23.78	/	/	15.82	/	/	<=38.45	Pass
		Inner Full	24.74	/	/	16.78	/	/	<=38.45	Pass
		Inner 1RB Left	24.80	/	/	16.84	/	/	<=38.45	Pass
		Inner 1RB Right	24.69	/	/	16.73	/	/	<=38.45	Pass
	836.5	Edge 1RB Left	23.57	/	/	15.61	/	/	<=38.45	Pass
		Edge 1RB Right	23.61	/	/	15.65	/	/	<=38.45	Pass
		Outer Full	23.60	/	/	15.64	/	/	<=38.45	Pass
		Inner Full	24.63	/	/	16.67	/	/	<=38.45	Pass
		Inner 1RB Left	24.70	/	/	16.74	/	/	<=38.45	Pass
		Inner 1RB Right	24.64	/	/	16.68	/	/	<=38.45	Pass
	846.5	Edge 1RB Left	23.70	/	/	15.74	/	/	<=38.45	Pass
		Edge 1RB Right	23.66	/	/	15.70	/	/	<=38.45	Pass
		Outer Full	23.61	/	/	15.65	/	/	<=38.45	Pass
		Inner Full	24.66	/	/	16.70	/	/	<=38.45	Pass
		Inner 1RB Left	24.75	/	/	16.79	/	/	<=38.45	Pass
		Inner 1RB Right	24.65	/	/	16.69	/	/	<=38.45	Pass
DFT-s-OFDM 16 QAM	826.5	Edge 1RB Left	22.81	/	/	14.85	/	/	<=38.45	Pass
		Edge 1RB Right	22.68	/	/	14.72	/	/	<=38.45	Pass
		Outer Full	22.77	/	/	14.81	/	/	<=38.45	Pass
		Inner Full	23.87	/	/	15.91	/	/	<=38.45	Pass
		Inner 1RB Left	23.75	/	/	15.79	/	/	<=38.45	Pass
		Inner 1RB Right	23.64	/	/	15.68	/	/	<=38.45	Pass
	836.5	Edge 1RB Left	22.61	/	/	14.65	/	/	<=38.45	Pass
		Edge 1RB Right	22.60	/	/	14.64	/	/	<=38.45	Pass
		Outer Full	22.65	/	/	14.69	/	/	<=38.45	Pass
		Inner Full	23.75	/	/	15.79	/	/	<=38.45	Pass
		Inner 1RB Left	23.63	/	/	15.67	/	/	<=38.45	Pass
		Inner 1RB Right	23.60	/	/	15.64	/	/	<=38.45	Pass
	846.5	Edge 1RB Left	22.67	/	/	14.71	/	/	<=38.45	Pass

		Edge_1RB_Right	22.57	/	/	14.61	/	/	<=38.45	Pass
		Outer_Full	22.68	/	/	14.72	/	/	<=38.45	Pass
		Inner_Full	23.74	/	/	15.78	/	/	<=38.45	Pass
		Inner_1RB_Left	23.64	/	/	15.68	/	/	<=38.45	Pass
		Inner_1RB_Right	23.56	/	/	15.60	/	/	<=38.45	Pass
DFT-s-OFDM 64 QAM	826.5	Edge_1RB_Left	22.45	/	/	14.49	/	/	<=38.45	Pass
		Edge_1RB_Right	22.45	/	/	14.49	/	/	<=38.45	Pass
		Outer_Full	22.27	/	/	14.31	/	/	<=38.45	Pass
		Inner_Full	22.35	/	/	14.39	/	/	<=38.45	Pass
		Inner_1RB_Left	22.50	/	/	14.54	/	/	<=38.45	Pass
		Inner_1RB_Right	22.45	/	/	14.49	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	22.41	/	/	14.45	/	/	<=38.45	Pass
		Edge_1RB_Right	22.31	/	/	14.35	/	/	<=38.45	Pass
		Outer_Full	22.14	/	/	14.18	/	/	<=38.45	Pass
		Inner_Full	22.16	/	/	14.20	/	/	<=38.45	Pass
		Inner_1RB_Left	22.42	/	/	14.46	/	/	<=38.45	Pass
		Inner_1RB_Right	22.34	/	/	14.38	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	22.37	/	/	14.41	/	/	<=38.45	Pass
		Edge_1RB_Right	22.35	/	/	14.39	/	/	<=38.45	Pass
		Outer_Full	22.22	/	/	14.26	/	/	<=38.45	Pass
		Inner_Full	22.24	/	/	14.28	/	/	<=38.45	Pass
		Inner_1RB_Left	22.33	/	/	14.37	/	/	<=38.45	Pass
		Inner_1RB_Right	22.35	/	/	14.39	/	/	<=38.45	Pass
DFT-s-OFDM 256 QAM	826.5	Edge_1RB_Left	19.81	/	/	11.85	/	/	<=38.45	Pass
		Edge_1RB_Right	19.85	/	/	11.89	/	/	<=38.45	Pass
		Outer_Full	20.23	/	/	12.27	/	/	<=38.45	Pass
		Inner_Full	20.26	/	/	12.30	/	/	<=38.45	Pass
		Inner_1RB_Left	19.80	/	/	11.84	/	/	<=38.45	Pass
		Inner_1RB_Right	19.87	/	/	11.91	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	19.63	/	/	11.67	/	/	<=38.45	Pass
		Edge_1RB_Right	19.70	/	/	11.74	/	/	<=38.45	Pass
		Outer_Full	20.07	/	/	12.11	/	/	<=38.45	Pass
		Inner_Full	20.00	/	/	12.04	/	/	<=38.45	Pass
		Inner_1RB_Left	19.67	/	/	11.71	/	/	<=38.45	Pass
		Inner_1RB_Right	19.71	/	/	11.75	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	19.68	/	/	11.72	/	/	<=38.45	Pass
		Edge_1RB_Right	19.60	/	/	11.64	/	/	<=38.45	Pass
		Outer_Full	20.13	/	/	12.17	/	/	<=38.45	Pass
		Inner_Full	20.18	/	/	12.22	/	/	<=38.45	Pass
		Inner_1RB_Left	19.70	/	/	11.74	/	/	<=38.45	Pass
		Inner_1RB_Right	19.59	/	/	11.63	/	/	<=38.45	Pass
CP-OFDM QPSK	826.5	Edge_1RB_Left	21.82	/	/	13.86	/	/	<=38.45	Pass
		Edge_1RB_Right	21.77	/	/	13.81	/	/	<=38.45	Pass
		Outer_Full	21.83	/	/	13.87	/	/	<=38.45	Pass
		Inner_Full	23.35	/	/	15.39	/	/	<=38.45	Pass
		Inner_1RB_Left	23.30	/	/	15.34	/	/	<=38.45	Pass
		Inner_1RB_Right	23.21	/	/	15.25	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.67	/	/	13.71	/	/	<=38.45	Pass
		Edge_1RB_Right	21.67	/	/	13.71	/	/	<=38.45	Pass
		Outer_Full	21.56	/	/	13.60	/	/	<=38.45	Pass
		Inner_Full	22.85	/	/	14.89	/	/	<=38.45	Pass
		Inner_1RB_Left	23.09	/	/	15.13	/	/	<=38.45	Pass
		Inner_1RB_Right	23.12	/	/	15.16	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	21.75	/	/	13.79	/	/	<=38.45	Pass
		Edge_1RB_Right	21.67	/	/	13.71	/	/	<=38.45	Pass
		Outer_Full	21.72	/	/	13.76	/	/	<=38.45	Pass
		Inner_Full	23.28	/	/	15.32	/	/	<=38.45	Pass
		Inner_1RB_Left	23.19	/	/	15.23	/	/	<=38.45	Pass
		Inner_1RB_Right	23.20	/	/	15.24	/	/	<=38.45	Pass

CP-OFDM 16 QAM	826.5	Edge_1RB_Left	21.81	/	/	13.85	/	/	<=38.45	Pass
		Edge_1RB_Right	21.79	/	/	13.83	/	/	<=38.45	Pass
		Outer_Full	21.78	/	/	13.82	/	/	<=38.45	Pass
		Inner_Full	22.66	/	/	14.70	/	/	<=38.45	Pass
		Inner_1RB_Left	22.82	/	/	14.86	/	/	<=38.45	Pass
		Inner_1RB_Right	22.65	/	/	14.69	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.56	/	/	13.60	/	/	<=38.45	Pass
		Edge_1RB_Right	21.33	/	/	13.37	/	/	<=38.45	Pass
		Outer_Full	21.40	/	/	13.44	/	/	<=38.45	Pass
		Inner_Full	22.52	/	/	14.56	/	/	<=38.45	Pass
		Inner_1RB_Left	22.58	/	/	14.62	/	/	<=38.45	Pass
		Inner_1RB_Right	22.46	/	/	14.50	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	21.60	/	/	13.64	/	/	<=38.45	Pass
		Edge_1RB_Right	21.56	/	/	13.60	/	/	<=38.45	Pass
		Outer_Full	21.73	/	/	13.77	/	/	<=38.45	Pass
		Inner_Full	22.52	/	/	14.56	/	/	<=38.45	Pass
		Inner_1RB_Left	22.71	/	/	14.75	/	/	<=38.45	Pass
		Inner_1RB_Right	22.65	/	/	14.69	/	/	<=38.45	Pass
CP-OFDM 64 QAM	826.5	Edge_1RB_Left	21.34	/	/	13.38	/	/	<=38.45	Pass
		Edge_1RB_Right	21.39	/	/	13.43	/	/	<=38.45	Pass
		Outer_Full	21.26	/	/	13.30	/	/	<=38.45	Pass
		Inner_Full	21.29	/	/	13.33	/	/	<=38.45	Pass
		Inner_1RB_Left	21.37	/	/	13.41	/	/	<=38.45	Pass
		Inner_1RB_Right	21.42	/	/	13.46	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.20	/	/	13.24	/	/	<=38.45	Pass
		Edge_1RB_Right	21.19	/	/	13.23	/	/	<=38.45	Pass
		Outer_Full	21.11	/	/	13.15	/	/	<=38.45	Pass
		Inner_Full	21.14	/	/	13.18	/	/	<=38.45	Pass
		Inner_1RB_Left	21.18	/	/	13.22	/	/	<=38.45	Pass
		Inner_1RB_Right	21.21	/	/	13.25	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	21.32	/	/	13.36	/	/	<=38.45	Pass
		Edge_1RB_Right	21.14	/	/	13.18	/	/	<=38.45	Pass
		Outer_Full	21.20	/	/	13.24	/	/	<=38.45	Pass
		Inner_Full	21.20	/	/	13.24	/	/	<=38.45	Pass
		Inner_1RB_Left	21.30	/	/	13.34	/	/	<=38.45	Pass
		Inner_1RB_Right	21.23	/	/	13.27	/	/	<=38.45	Pass
CP-OFDM 256 QAM	826.5	Edge_1RB_Left	17.91	/	/	9.95	/	/	<=38.45	Pass
		Edge_1RB_Right	17.90	/	/	9.94	/	/	<=38.45	Pass
		Outer_Full	18.33	/	/	10.37	/	/	<=38.45	Pass
		Inner_Full	18.26	/	/	10.30	/	/	<=38.45	Pass
		Inner_1RB_Left	17.84	/	/	9.88	/	/	<=38.45	Pass
		Inner_1RB_Right	17.91	/	/	9.95	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	17.67	/	/	9.71	/	/	<=38.45	Pass
		Edge_1RB_Right	17.76	/	/	9.80	/	/	<=38.45	Pass
		Outer_Full	18.09	/	/	10.13	/	/	<=38.45	Pass
		Inner_Full	18.18	/	/	10.22	/	/	<=38.45	Pass
		Inner_1RB_Left	17.74	/	/	9.78	/	/	<=38.45	Pass
		Inner_1RB_Right	17.69	/	/	9.73	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	17.80	/	/	9.84	/	/	<=38.45	Pass
		Edge_1RB_Right	17.80	/	/	9.84	/	/	<=38.45	Pass
		Outer_Full	18.23	/	/	10.27	/	/	<=38.45	Pass
		Inner_Full	18.19	/	/	10.23	/	/	<=38.45	Pass
		Inner_1RB_Left	17.74	/	/	9.78	/	/	<=38.45	Pass
		Inner_1RB_Right	17.81	/	/	9.85	/	/	<=38.45	Pass
Note1: Antenna Gain: Ant1: -5.81dBi; Note2: ERP=Conducted Power+Antenna Gain-2.15										

1.1.2 15_S_10M_NTNV_ERP

5G NR n5 SCS=15kHz SISO 10MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			ERP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	829	Edge_1RB_Left	24.32	/	/	16.36	/	/	<=38.45	Pass
		Edge_1RB_Right	24.13	/	/	16.17	/	/	<=38.45	Pass
		Outer_Full	24.22	/	/	16.26	/	/	<=38.45	Pass
		Inner_Full	24.70	/	/	16.74	/	/	<=38.45	Pass
		Inner_1RB_Left	24.73	/	/	16.77	/	/	<=38.45	Pass
		Inner_1RB_Right	24.59	/	/	16.63	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	24.12	/	/	16.16	/	/	<=38.45	Pass
		Edge_1RB_Right	24.07	/	/	16.11	/	/	<=38.45	Pass
		Outer_Full	24.15	/	/	16.19	/	/	<=38.45	Pass
		Inner_Full	24.70	/	/	16.74	/	/	<=38.45	Pass
		Inner_1RB_Left	24.68	/	/	16.72	/	/	<=38.45	Pass
		Inner_1RB_Right	24.53	/	/	16.57	/	/	<=38.45	Pass
	844	Edge_1RB_Left	24.06	/	/	16.10	/	/	<=38.45	Pass
		Edge_1RB_Right	23.96	/	/	16.00	/	/	<=38.45	Pass
		Outer_Full	24.21	/	/	16.25	/	/	<=38.45	Pass
		Inner_Full	24.52	/	/	16.56	/	/	<=38.45	Pass
		Inner_1RB_Left	24.52	/	/	16.56	/	/	<=38.45	Pass
		Inner_1RB_Right	24.51	/	/	16.55	/	/	<=38.45	Pass
DFT-s-OFDM QPSK	829	Edge_1RB_Left	23.65	/	/	15.69	/	/	<=38.45	Pass
		Edge_1RB_Right	23.62	/	/	15.66	/	/	<=38.45	Pass
		Outer_Full	23.78	/	/	15.82	/	/	<=38.45	Pass
		Inner_Full	24.69	/	/	16.73	/	/	<=38.45	Pass
		Inner_1RB_Left	24.74	/	/	16.78	/	/	<=38.45	Pass
		Inner_1RB_Right	24.70	/	/	16.74	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	23.71	/	/	15.75	/	/	<=38.45	Pass
		Edge_1RB_Right	23.60	/	/	15.64	/	/	<=38.45	Pass
		Outer_Full	23.73	/	/	15.77	/	/	<=38.45	Pass
		Inner_Full	24.72	/	/	16.76	/	/	<=38.45	Pass
		Inner_1RB_Left	24.71	/	/	16.75	/	/	<=38.45	Pass
		Inner_1RB_Right	24.59	/	/	16.63	/	/	<=38.45	Pass
	844	Edge_1RB_Left	23.58	/	/	15.62	/	/	<=38.45	Pass
		Edge_1RB_Right	23.55	/	/	15.59	/	/	<=38.45	Pass
		Outer_Full	23.63	/	/	15.67	/	/	<=38.45	Pass
		Inner_Full	24.54	/	/	16.58	/	/	<=38.45	Pass
		Inner_1RB_Left	24.53	/	/	16.57	/	/	<=38.45	Pass
		Inner_1RB_Right	24.52	/	/	16.56	/	/	<=38.45	Pass
DFT-s-OFDM 16 QAM	829	Edge_1RB_Left	22.69	/	/	14.73	/	/	<=38.45	Pass
		Edge_1RB_Right	22.61	/	/	14.65	/	/	<=38.45	Pass
		Outer_Full	22.74	/	/	14.78	/	/	<=38.45	Pass
		Inner_Full	23.82	/	/	15.86	/	/	<=38.45	Pass
		Inner_1RB_Left	23.71	/	/	15.75	/	/	<=38.45	Pass
		Inner_1RB_Right	23.71	/	/	15.75	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	22.58	/	/	14.62	/	/	<=38.45	Pass
		Edge_1RB_Right	22.60	/	/	14.64	/	/	<=38.45	Pass
		Outer_Full	22.71	/	/	14.75	/	/	<=38.45	Pass
		Inner_Full	23.75	/	/	15.79	/	/	<=38.45	Pass
		Inner_1RB_Left	23.63	/	/	15.67	/	/	<=38.45	Pass
		Inner_1RB_Right	23.60	/	/	15.64	/	/	<=38.45	Pass
	844	Edge_1RB_Left	22.52	/	/	14.56	/	/	<=38.45	Pass
		Edge_1RB_Right	22.48	/	/	14.52	/	/	<=38.45	Pass
		Outer_Full	22.59	/	/	14.63	/	/	<=38.45	Pass
		Inner_Full	23.65	/	/	15.69	/	/	<=38.45	Pass
		Inner_1RB_Left	23.56	/	/	15.60	/	/	<=38.45	Pass
		Inner_1RB_Right	23.49	/	/	15.53	/	/	<=38.45	Pass
DFT-s-OFDM 64 QAM	829	Edge_1RB_Left	22.26	/	/	14.30	/	/	<=38.45	Pass
		Edge_1RB_Right	22.27	/	/	14.31	/	/	<=38.45	Pass

		Outer_Full	22.31	/	/	14.35	/	/	<=38.45	Pass
		Inner_Full	22.27	/	/	14.31	/	/	<=38.45	Pass
		Inner_1RB_Left	22.39	/	/	14.43	/	/	<=38.45	Pass
		Inner_1RB_Right	22.31	/	/	14.35	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	22.26	/	/	14.30	/	/	<=38.45	Pass
		Edge_1RB_Right	22.20	/	/	14.24	/	/	<=38.45	Pass
		Outer_Full	22.31	/	/	14.35	/	/	<=38.45	Pass
		Inner_Full	22.29	/	/	14.33	/	/	<=38.45	Pass
		Inner_1RB_Left	22.39	/	/	14.43	/	/	<=38.45	Pass
		Inner_1RB_Right	22.22	/	/	14.26	/	/	<=38.45	Pass
	844	Edge_1RB_Left	22.21	/	/	14.25	/	/	<=38.45	Pass
		Edge_1RB_Right	22.17	/	/	14.21	/	/	<=38.45	Pass
		Outer_Full	22.09	/	/	14.13	/	/	<=38.45	Pass
		Inner_Full	22.12	/	/	14.16	/	/	<=38.45	Pass
		Inner_1RB_Left	22.22	/	/	14.26	/	/	<=38.45	Pass
		Inner_1RB_Right	22.15	/	/	14.19	/	/	<=38.45	Pass
DFT-s-OFDM 256 QAM	829	Edge_1RB_Left	19.77	/	/	11.81	/	/	<=38.45	Pass
		Edge_1RB_Right	19.62	/	/	11.66	/	/	<=38.45	Pass
		Outer_Full	20.24	/	/	12.28	/	/	<=38.45	Pass
		Inner_Full	20.27	/	/	12.31	/	/	<=38.45	Pass
		Inner_1RB_Left	19.79	/	/	11.83	/	/	<=38.45	Pass
		Inner_1RB_Right	19.65	/	/	11.69	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	19.67	/	/	11.71	/	/	<=38.45	Pass
		Edge_1RB_Right	19.57	/	/	11.61	/	/	<=38.45	Pass
		Outer_Full	20.17	/	/	12.21	/	/	<=38.45	Pass
		Inner_Full	20.15	/	/	12.19	/	/	<=38.45	Pass
		Inner_1RB_Left	19.67	/	/	11.71	/	/	<=38.45	Pass
		Inner_1RB_Right	19.54	/	/	11.58	/	/	<=38.45	Pass
	844	Edge_1RB_Left	19.62	/	/	11.66	/	/	<=38.45	Pass
		Edge_1RB_Right	19.69	/	/	11.73	/	/	<=38.45	Pass
		Outer_Full	20.18	/	/	12.22	/	/	<=38.45	Pass
		Inner_Full	20.13	/	/	12.17	/	/	<=38.45	Pass
		Inner_1RB_Left	19.73	/	/	11.77	/	/	<=38.45	Pass
		Inner_1RB_Right	19.59	/	/	11.63	/	/	<=38.45	Pass
CP-OFDM QPSK	829	Edge_1RB_Left	21.82	/	/	13.86	/	/	<=38.45	Pass
		Edge_1RB_Right	21.62	/	/	13.66	/	/	<=38.45	Pass
		Outer_Full	21.71	/	/	13.75	/	/	<=38.45	Pass
		Inner_Full	23.25	/	/	15.29	/	/	<=38.45	Pass
		Inner_1RB_Left	23.18	/	/	15.22	/	/	<=38.45	Pass
		Inner_1RB_Right	23.13	/	/	15.17	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.73	/	/	13.77	/	/	<=38.45	Pass
		Edge_1RB_Right	21.66	/	/	13.70	/	/	<=38.45	Pass
		Outer_Full	21.65	/	/	13.69	/	/	<=38.45	Pass
		Inner_Full	23.19	/	/	15.23	/	/	<=38.45	Pass
		Inner_1RB_Left	23.14	/	/	15.18	/	/	<=38.45	Pass
		Inner_1RB_Right	23.11	/	/	15.15	/	/	<=38.45	Pass
	844	Edge_1RB_Left	21.49	/	/	13.53	/	/	<=38.45	Pass
		Edge_1RB_Right	21.56	/	/	13.60	/	/	<=38.45	Pass
		Outer_Full	21.57	/	/	13.61	/	/	<=38.45	Pass
		Inner_Full	23.04	/	/	15.08	/	/	<=38.45	Pass
		Inner_1RB_Left	22.92	/	/	14.96	/	/	<=38.45	Pass
		Inner_1RB_Right	22.90	/	/	14.94	/	/	<=38.45	Pass
CP-OFDM 16 QAM	829	Edge_1RB_Left	21.72	/	/	13.76	/	/	<=38.45	Pass
		Edge_1RB_Right	21.54	/	/	13.58	/	/	<=38.45	Pass
		Outer_Full	21.72	/	/	13.76	/	/	<=38.45	Pass
		Inner_Full	22.70	/	/	14.74	/	/	<=38.45	Pass
		Inner_1RB_Left	22.72	/	/	14.76	/	/	<=38.45	Pass
		Inner_1RB_Right	22.61	/	/	14.65	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.64	/	/	13.68	/	/	<=38.45	Pass

		Edge_1RB_Right	21.55	/	/	13.59	/	/	<=38.45	Pass
		Outer_Full	21.74	/	/	13.78	/	/	<=38.45	Pass
		Inner_Full	22.69	/	/	14.73	/	/	<=38.45	Pass
		Inner_1RB_Left	22.74	/	/	14.78	/	/	<=38.45	Pass
		Inner_1RB_Right	22.65	/	/	14.69	/	/	<=38.45	Pass
	844	Edge_1RB_Left	21.50	/	/	13.54	/	/	<=38.45	Pass
		Edge_1RB_Right	21.51	/	/	13.55	/	/	<=38.45	Pass
		Outer_Full	21.51	/	/	13.55	/	/	<=38.45	Pass
		Inner_Full	22.51	/	/	14.55	/	/	<=38.45	Pass
		Inner_1RB_Left	22.45	/	/	14.49	/	/	<=38.45	Pass
		Inner_1RB_Right	22.52	/	/	14.56	/	/	<=38.45	Pass
	CP-OFDM 64 QAM	829	Edge_1RB_Left	21.33	/	/	13.37	/	/	<=38.45
Edge_1RB_Right			21.27	/	/	13.31	/	/	<=38.45	Pass
Outer_Full			21.26	/	/	13.30	/	/	<=38.45	Pass
Inner_Full			21.28	/	/	13.32	/	/	<=38.45	Pass
Inner_1RB_Left			21.36	/	/	13.40	/	/	<=38.45	Pass
Inner_1RB_Right			21.25	/	/	13.29	/	/	<=38.45	Pass
836.5		Edge_1RB_Left	21.25	/	/	13.29	/	/	<=38.45	Pass
		Edge_1RB_Right	21.11	/	/	13.15	/	/	<=38.45	Pass
		Outer_Full	21.14	/	/	13.18	/	/	<=38.45	Pass
		Inner_Full	21.25	/	/	13.29	/	/	<=38.45	Pass
		Inner_1RB_Left	21.27	/	/	13.31	/	/	<=38.45	Pass
		Inner_1RB_Right	21.10	/	/	13.14	/	/	<=38.45	Pass
844		Edge_1RB_Left	20.97	/	/	13.01	/	/	<=38.45	Pass
		Edge_1RB_Right	21.02	/	/	13.06	/	/	<=38.45	Pass
		Outer_Full	21.05	/	/	13.09	/	/	<=38.45	Pass
		Inner_Full	21.10	/	/	13.14	/	/	<=38.45	Pass
		Inner_1RB_Left	20.98	/	/	13.02	/	/	<=38.45	Pass
		Inner_1RB_Right	21.00	/	/	13.04	/	/	<=38.45	Pass
CP-OFDM 256 QAM	829	Edge_1RB_Left	17.87	/	/	9.91	/	/	<=38.45	Pass
		Edge_1RB_Right	17.74	/	/	9.78	/	/	<=38.45	Pass
		Outer_Full	18.25	/	/	10.29	/	/	<=38.45	Pass
		Inner_Full	18.33	/	/	10.37	/	/	<=38.45	Pass
		Inner_1RB_Left	17.83	/	/	9.87	/	/	<=38.45	Pass
		Inner_1RB_Right	17.69	/	/	9.73	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	17.75	/	/	9.79	/	/	<=38.45	Pass
		Edge_1RB_Right	17.76	/	/	9.80	/	/	<=38.45	Pass
		Outer_Full	18.17	/	/	10.21	/	/	<=38.45	Pass
		Inner_Full	18.17	/	/	10.21	/	/	<=38.45	Pass
		Inner_1RB_Left	17.82	/	/	9.86	/	/	<=38.45	Pass
		Inner_1RB_Right	17.72	/	/	9.76	/	/	<=38.45	Pass
	844	Edge_1RB_Left	17.63	/	/	9.67	/	/	<=38.45	Pass
		Edge_1RB_Right	17.55	/	/	9.59	/	/	<=38.45	Pass
		Outer_Full	18.13	/	/	10.17	/	/	<=38.45	Pass
		Inner_Full	18.09	/	/	10.13	/	/	<=38.45	Pass
		Inner_1RB_Left	17.57	/	/	9.61	/	/	<=38.45	Pass
		Inner_1RB_Right	17.58	/	/	9.62	/	/	<=38.45	Pass
Note1: Antenna Gain: Ant1: -5.81dBi; 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	24.28	/	/	16.32	/	/	<=38.45	Pass
		Edge_1RB_Right	24.23	/	/	16.27	/	/	<=38.45	Pass
		Outer_Full	24.31	/	/	16.35	/	/	<=38.45	Pass

		Inner_Full	24.72	/	/	16.76	/	/	<=38.45	Pass
		Inner_1RB_Left	24.74	/	/	16.78	/	/	<=38.45	Pass
		Inner_1RB_Right	24.69	/	/	16.73	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	24.35	/	/	16.39	/	/	<=38.45	Pass
		Edge_1RB_Right	24.25	/	/	16.29	/	/	<=38.45	Pass
		Outer_Full	24.32	/	/	16.36	/	/	<=38.45	Pass
		Inner_Full	24.82	/	/	16.86	/	/	<=38.45	Pass
		Inner_1RB_Left	24.75	/	/	16.79	/	/	<=38.45	Pass
		Inner_1RB_Right	24.71	/	/	16.75	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	24.25	/	/	16.29	/	/	<=38.45	Pass
		Edge_1RB_Right	24.14	/	/	16.18	/	/	<=38.45	Pass
		Outer_Full	24.41	/	/	16.45	/	/	<=38.45	Pass
		Inner_Full	24.74	/	/	16.78	/	/	<=38.45	Pass
		Inner_1RB_Left	24.67	/	/	16.71	/	/	<=38.45	Pass
		Inner_1RB_Right	24.71	/	/	16.75	/	/	<=38.45	Pass
DFT-s-OFDM QPSK	831.5	Edge_1RB_Left	23.74	/	/	15.78	/	/	<=38.45	Pass
		Edge_1RB_Right	23.65	/	/	15.69	/	/	<=38.45	Pass
		Outer_Full	23.78	/	/	15.82	/	/	<=38.45	Pass
		Inner_Full	24.75	/	/	16.79	/	/	<=38.45	Pass
		Inner_1RB_Left	24.78	/	/	16.82	/	/	<=38.45	Pass
		Inner_1RB_Right	24.76	/	/	16.80	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	23.87	/	/	15.91	/	/	<=38.45	Pass
		Edge_1RB_Right	23.75	/	/	15.79	/	/	<=38.45	Pass
		Outer_Full	23.83	/	/	15.87	/	/	<=38.45	Pass
		Inner_Full	24.75	/	/	16.79	/	/	<=38.45	Pass
		Inner_1RB_Left	24.85	/	/	16.89	/	/	<=38.45	Pass
		Inner_1RB_Right	24.74	/	/	16.78	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	23.77	/	/	15.81	/	/	<=38.45	Pass
		Edge_1RB_Right	23.66	/	/	15.70	/	/	<=38.45	Pass
		Outer_Full	23.67	/	/	15.71	/	/	<=38.45	Pass
		Inner_Full	24.76	/	/	16.80	/	/	<=38.45	Pass
		Inner_1RB_Left	24.75	/	/	16.79	/	/	<=38.45	Pass
		Inner_1RB_Right	24.65	/	/	16.69	/	/	<=38.45	Pass
DFT-s-OFDM 16 QAM	831.5	Edge_1RB_Left	22.71	/	/	14.75	/	/	<=38.45	Pass
		Edge_1RB_Right	22.65	/	/	14.69	/	/	<=38.45	Pass
		Outer_Full	22.78	/	/	14.82	/	/	<=38.45	Pass
		Inner_Full	23.84	/	/	15.88	/	/	<=38.45	Pass
		Inner_1RB_Left	23.68	/	/	15.72	/	/	<=38.45	Pass
		Inner_1RB_Right	23.62	/	/	15.66	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	22.68	/	/	14.72	/	/	<=38.45	Pass
		Edge_1RB_Right	22.60	/	/	14.64	/	/	<=38.45	Pass
		Outer_Full	22.79	/	/	14.83	/	/	<=38.45	Pass
		Inner_Full	23.76	/	/	15.80	/	/	<=38.45	Pass
		Inner_1RB_Left	23.68	/	/	15.72	/	/	<=38.45	Pass
		Inner_1RB_Right	23.61	/	/	15.65	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	22.64	/	/	14.68	/	/	<=38.45	Pass
		Edge_1RB_Right	22.57	/	/	14.61	/	/	<=38.45	Pass
		Outer_Full	22.80	/	/	14.84	/	/	<=38.45	Pass
		Inner_Full	23.73	/	/	15.77	/	/	<=38.45	Pass
		Inner_1RB_Left	23.66	/	/	15.70	/	/	<=38.45	Pass
		Inner_1RB_Right	23.57	/	/	15.61	/	/	<=38.45	Pass
DFT-s-OFDM 64 QAM	831.5	Edge_1RB_Left	22.46	/	/	14.50	/	/	<=38.45	Pass
		Edge_1RB_Right	22.30	/	/	14.34	/	/	<=38.45	Pass
		Outer_Full	22.35	/	/	14.39	/	/	<=38.45	Pass
		Inner_Full	22.35	/	/	14.39	/	/	<=38.45	Pass
		Inner_1RB_Left	22.49	/	/	14.53	/	/	<=38.45	Pass
		Inner_1RB_Right	22.32	/	/	14.36	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	22.33	/	/	14.37	/	/	<=38.45	Pass
		Edge_1RB_Right	22.28	/	/	14.32	/	/	<=38.45	Pass

		Outer_Full	22.43	/	/	14.47	/	/	<=38.45	Pass
		Inner_Full	22.36	/	/	14.40	/	/	<=38.45	Pass
		Inner_1RB_Left	22.34	/	/	14.38	/	/	<=38.45	Pass
		Inner_1RB_Right	22.37	/	/	14.41	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	22.24	/	/	14.28	/	/	<=38.45	Pass
		Edge_1RB_Right	22.27	/	/	14.31	/	/	<=38.45	Pass
		Outer_Full	22.24	/	/	14.28	/	/	<=38.45	Pass
		Inner_Full	22.24	/	/	14.28	/	/	<=38.45	Pass
		Inner_1RB_Left	22.43	/	/	14.47	/	/	<=38.45	Pass
		Inner_1RB_Right	22.24	/	/	14.28	/	/	<=38.45	Pass
DFT-s-OFDM 256 QAM	831.5	Edge_1RB_Left	19.81	/	/	11.85	/	/	<=38.45	Pass
		Edge_1RB_Right	19.79	/	/	11.83	/	/	<=38.45	Pass
		Outer_Full	20.28	/	/	12.32	/	/	<=38.45	Pass
		Inner_Full	20.19	/	/	12.23	/	/	<=38.45	Pass
		Inner_1RB_Left	19.78	/	/	11.82	/	/	<=38.45	Pass
		Inner_1RB_Right	19.63	/	/	11.67	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	19.89	/	/	11.93	/	/	<=38.45	Pass
		Edge_1RB_Right	19.72	/	/	11.76	/	/	<=38.45	Pass
		Outer_Full	20.30	/	/	12.34	/	/	<=38.45	Pass
		Inner_Full	20.31	/	/	12.35	/	/	<=38.45	Pass
		Inner_1RB_Left	19.83	/	/	11.87	/	/	<=38.45	Pass
		Inner_1RB_Right	19.69	/	/	11.73	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	19.76	/	/	11.80	/	/	<=38.45	Pass
		Edge_1RB_Right	19.73	/	/	11.77	/	/	<=38.45	Pass
		Outer_Full	20.30	/	/	12.34	/	/	<=38.45	Pass
		Inner_Full	20.29	/	/	12.33	/	/	<=38.45	Pass
		Inner_1RB_Left	19.80	/	/	11.84	/	/	<=38.45	Pass
		Inner_1RB_Right	19.73	/	/	11.77	/	/	<=38.45	Pass
CP-OFDM QPSK	831.5	Edge_1RB_Left	21.92	/	/	13.96	/	/	<=38.45	Pass
		Edge_1RB_Right	21.72	/	/	13.76	/	/	<=38.45	Pass
		Outer_Full	21.86	/	/	13.90	/	/	<=38.45	Pass
		Inner_Full	23.24	/	/	15.28	/	/	<=38.45	Pass
		Inner_1RB_Left	23.29	/	/	15.33	/	/	<=38.45	Pass
		Inner_1RB_Right	23.19	/	/	15.23	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.86	/	/	13.90	/	/	<=38.45	Pass
		Edge_1RB_Right	21.70	/	/	13.74	/	/	<=38.45	Pass
		Outer_Full	21.83	/	/	13.87	/	/	<=38.45	Pass
		Inner_Full	23.22	/	/	15.26	/	/	<=38.45	Pass
		Inner_1RB_Left	23.18	/	/	15.22	/	/	<=38.45	Pass
		Inner_1RB_Right	23.24	/	/	15.28	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	21.84	/	/	13.88	/	/	<=38.45	Pass
		Edge_1RB_Right	21.72	/	/	13.76	/	/	<=38.45	Pass
		Outer_Full	21.74	/	/	13.78	/	/	<=38.45	Pass
		Inner_Full	23.15	/	/	15.19	/	/	<=38.45	Pass
		Inner_1RB_Left	23.27	/	/	15.31	/	/	<=38.45	Pass
		Inner_1RB_Right	23.14	/	/	15.18	/	/	<=38.45	Pass
CP-OFDM 16 QAM	831.5	Edge_1RB_Left	21.72	/	/	13.76	/	/	<=38.45	Pass
		Edge_1RB_Right	21.66	/	/	13.70	/	/	<=38.45	Pass
		Outer_Full	21.72	/	/	13.76	/	/	<=38.45	Pass
		Inner_Full	22.87	/	/	14.91	/	/	<=38.45	Pass
		Inner_1RB_Left	22.74	/	/	14.78	/	/	<=38.45	Pass
		Inner_1RB_Right	22.64	/	/	14.68	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.83	/	/	13.87	/	/	<=38.45	Pass
		Edge_1RB_Right	21.75	/	/	13.79	/	/	<=38.45	Pass
		Outer_Full	21.78	/	/	13.82	/	/	<=38.45	Pass
		Inner_Full	22.91	/	/	14.95	/	/	<=38.45	Pass
		Inner_1RB_Left	22.83	/	/	14.87	/	/	<=38.45	Pass
		Inner_1RB_Right	22.77	/	/	14.81	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	21.71	/	/	13.75	/	/	<=38.45	Pass

		Edge_1RB_Right	21.64	/	/	13.68	/	/	<=38.45	Pass
		Outer_Full	21.70	/	/	13.74	/	/	<=38.45	Pass
		Inner_Full	22.80	/	/	14.84	/	/	<=38.45	Pass
		Inner_1RB_Left	22.76	/	/	14.80	/	/	<=38.45	Pass
		Inner_1RB_Right	22.68	/	/	14.72	/	/	<=38.45	Pass
CP-OFDM 64 QAM	831.5	Edge_1RB_Left	21.34	/	/	13.38	/	/	<=38.45	Pass
		Edge_1RB_Right	21.28	/	/	13.32	/	/	<=38.45	Pass
		Outer_Full	21.23	/	/	13.27	/	/	<=38.45	Pass
		Inner_Full	21.17	/	/	13.21	/	/	<=38.45	Pass
		Inner_1RB_Left	21.37	/	/	13.41	/	/	<=38.45	Pass
		Inner_1RB_Right	21.23	/	/	13.27	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.27	/	/	13.31	/	/	<=38.45	Pass
		Edge_1RB_Right	21.23	/	/	13.27	/	/	<=38.45	Pass
		Outer_Full	21.25	/	/	13.29	/	/	<=38.45	Pass
		Inner_Full	21.30	/	/	13.34	/	/	<=38.45	Pass
		Inner_1RB_Left	21.30	/	/	13.34	/	/	<=38.45	Pass
		Inner_1RB_Right	21.29	/	/	13.33	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	21.38	/	/	13.42	/	/	<=38.45	Pass
		Edge_1RB_Right	21.18	/	/	13.22	/	/	<=38.45	Pass
		Outer_Full	21.22	/	/	13.26	/	/	<=38.45	Pass
		Inner_Full	21.28	/	/	13.32	/	/	<=38.45	Pass
		Inner_1RB_Left	21.35	/	/	13.39	/	/	<=38.45	Pass
		Inner_1RB_Right	21.26	/	/	13.30	/	/	<=38.45	Pass
CP-OFDM 256 QAM	831.5	Edge_1RB_Left	17.85	/	/	9.89	/	/	<=38.45	Pass
		Edge_1RB_Right	17.86	/	/	9.90	/	/	<=38.45	Pass
		Outer_Full	18.30	/	/	10.34	/	/	<=38.45	Pass
		Inner_Full	18.25	/	/	10.29	/	/	<=38.45	Pass
		Inner_1RB_Left	17.89	/	/	9.93	/	/	<=38.45	Pass
		Inner_1RB_Right	17.89	/	/	9.93	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	17.94	/	/	9.98	/	/	<=38.45	Pass
		Edge_1RB_Right	17.89	/	/	9.93	/	/	<=38.45	Pass
		Outer_Full	18.23	/	/	10.27	/	/	<=38.45	Pass
		Inner_Full	18.20	/	/	10.24	/	/	<=38.45	Pass
		Inner_1RB_Left	17.85	/	/	9.89	/	/	<=38.45	Pass
		Inner_1RB_Right	17.84	/	/	9.88	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	17.87	/	/	9.91	/	/	<=38.45	Pass
		Edge_1RB_Right	17.84	/	/	9.88	/	/	<=38.45	Pass
		Outer_Full	18.24	/	/	10.28	/	/	<=38.45	Pass
		Inner_Full	18.28	/	/	10.32	/	/	<=38.45	Pass
		Inner_1RB_Left	17.83	/	/	9.87	/	/	<=38.45	Pass
		Inner_1RB_Right	17.85	/	/	9.89	/	/	<=38.45	Pass
Note1: Antenna Gain: Ant1: -5.81dBi; 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	24.21	/	/	16.25	/	/	<=38.45	Pass
		Edge_1RB_Right	24.15	/	/	16.19	/	/	<=38.45	Pass
		Outer_Full	24.27	/	/	16.31	/	/	<=38.45	Pass
		Inner_Full	24.71	/	/	16.75	/	/	<=38.45	Pass
		Inner_1RB_Left	24.72	/	/	16.76	/	/	<=38.45	Pass
		Inner_1RB_Right	24.76	/	/	16.80	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	24.25	/	/	16.29	/	/	<=38.45	Pass
		Edge_1RB_Right	24.18	/	/	16.22	/	/	<=38.45	Pass
		Outer_Full	24.32	/	/	16.36	/	/	<=38.45	Pass

		Inner_Full	24.83	/	/	16.87	/	/	<=38.45	Pass
		Inner_1RB_Left	24.80	/	/	16.84	/	/	<=38.45	Pass
		Inner_1RB_Right	24.75	/	/	16.79	/	/	<=38.45	Pass
	839	Edge_1RB_Left	24.25	/	/	16.29	/	/	<=38.45	Pass
		Edge_1RB_Right	24.17	/	/	16.21	/	/	<=38.45	Pass
		Outer_Full	24.32	/	/	16.36	/	/	<=38.45	Pass
		Inner_Full	24.73	/	/	16.77	/	/	<=38.45	Pass
		Inner_1RB_Left	24.69	/	/	16.73	/	/	<=38.45	Pass
		Inner_1RB_Right	24.71	/	/	16.75	/	/	<=38.45	Pass
DFT-s-OFDM QPSK	834	Edge_1RB_Left	23.79	/	/	15.83	/	/	<=38.45	Pass
		Edge_1RB_Right	23.65	/	/	15.69	/	/	<=38.45	Pass
		Outer_Full	23.72	/	/	15.76	/	/	<=38.45	Pass
		Inner_Full	24.76	/	/	16.80	/	/	<=38.45	Pass
		Inner_1RB_Left	24.83	/	/	16.87	/	/	<=38.45	Pass
		Inner_1RB_Right	24.70	/	/	16.74	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	23.82	/	/	15.86	/	/	<=38.45	Pass
		Edge_1RB_Right	23.62	/	/	15.66	/	/	<=38.45	Pass
		Outer_Full	23.94	/	/	15.98	/	/	<=38.45	Pass
		Inner_Full	24.72	/	/	16.76	/	/	<=38.45	Pass
		Inner_1RB_Left	24.73	/	/	16.77	/	/	<=38.45	Pass
		Inner_1RB_Right	24.64	/	/	16.68	/	/	<=38.45	Pass
	839	Edge_1RB_Left	23.84	/	/	15.88	/	/	<=38.45	Pass
		Edge_1RB_Right	23.67	/	/	15.71	/	/	<=38.45	Pass
		Outer_Full	23.82	/	/	15.86	/	/	<=38.45	Pass
		Inner_Full	24.84	/	/	16.88	/	/	<=38.45	Pass
		Inner_1RB_Left	24.77	/	/	16.81	/	/	<=38.45	Pass
		Inner_1RB_Right	24.71	/	/	16.75	/	/	<=38.45	Pass
DFT-s-OFDM 16 QAM	834	Edge_1RB_Left	22.69	/	/	14.73	/	/	<=38.45	Pass
		Edge_1RB_Right	22.58	/	/	14.62	/	/	<=38.45	Pass
		Outer_Full	22.71	/	/	14.75	/	/	<=38.45	Pass
		Inner_Full	23.71	/	/	15.75	/	/	<=38.45	Pass
		Inner_1RB_Left	23.72	/	/	15.76	/	/	<=38.45	Pass
		Inner_1RB_Right	23.59	/	/	15.63	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	22.71	/	/	14.75	/	/	<=38.45	Pass
		Edge_1RB_Right	22.66	/	/	14.70	/	/	<=38.45	Pass
		Outer_Full	22.77	/	/	14.81	/	/	<=38.45	Pass
		Inner_Full	23.80	/	/	15.84	/	/	<=38.45	Pass
		Inner_1RB_Left	23.75	/	/	15.79	/	/	<=38.45	Pass
		Inner_1RB_Right	23.76	/	/	15.80	/	/	<=38.45	Pass
	839	Edge_1RB_Left	22.73	/	/	14.77	/	/	<=38.45	Pass
		Edge_1RB_Right	22.57	/	/	14.61	/	/	<=38.45	Pass
		Outer_Full	22.79	/	/	14.83	/	/	<=38.45	Pass
		Inner_Full	23.84	/	/	15.88	/	/	<=38.45	Pass
		Inner_1RB_Left	23.78	/	/	15.82	/	/	<=38.45	Pass
		Inner_1RB_Right	23.66	/	/	15.70	/	/	<=38.45	Pass
DFT-s-OFDM 64 QAM	834	Edge_1RB_Left	22.35	/	/	14.39	/	/	<=38.45	Pass
		Edge_1RB_Right	22.26	/	/	14.30	/	/	<=38.45	Pass
		Outer_Full	22.31	/	/	14.35	/	/	<=38.45	Pass
		Inner_Full	22.24	/	/	14.28	/	/	<=38.45	Pass
		Inner_1RB_Left	22.39	/	/	14.43	/	/	<=38.45	Pass
		Inner_1RB_Right	22.27	/	/	14.31	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	22.37	/	/	14.41	/	/	<=38.45	Pass
		Edge_1RB_Right	22.36	/	/	14.40	/	/	<=38.45	Pass
		Outer_Full	22.38	/	/	14.42	/	/	<=38.45	Pass
		Inner_Full	22.31	/	/	14.35	/	/	<=38.45	Pass
		Inner_1RB_Left	22.38	/	/	14.42	/	/	<=38.45	Pass
		Inner_1RB_Right	22.37	/	/	14.41	/	/	<=38.45	Pass
	839	Edge_1RB_Left	22.42	/	/	14.46	/	/	<=38.45	Pass
		Edge_1RB_Right	22.27	/	/	14.31	/	/	<=38.45	Pass

		Outer_Full	22.31	/	/	14.35	/	/	<=38.45	Pass
		Inner_Full	22.32	/	/	14.36	/	/	<=38.45	Pass
		Inner_1RB_Left	22.36	/	/	14.40	/	/	<=38.45	Pass
		Inner_1RB_Right	22.26	/	/	14.30	/	/	<=38.45	Pass
DFT-s-OFDM 256 QAM	834	Edge_1RB_Left	19.78	/	/	11.82	/	/	<=38.45	Pass
		Edge_1RB_Right	19.84	/	/	11.88	/	/	<=38.45	Pass
		Outer_Full	20.32	/	/	12.36	/	/	<=38.45	Pass
		Inner_Full	20.30	/	/	12.34	/	/	<=38.45	Pass
		Inner_1RB_Left	19.74	/	/	11.78	/	/	<=38.45	Pass
		Inner_1RB_Right	19.81	/	/	11.85	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	19.74	/	/	11.78	/	/	<=38.45	Pass
		Edge_1RB_Right	19.80	/	/	11.84	/	/	<=38.45	Pass
		Outer_Full	20.40	/	/	12.44	/	/	<=38.45	Pass
		Inner_Full	20.29	/	/	12.33	/	/	<=38.45	Pass
		Inner_1RB_Left	19.82	/	/	11.86	/	/	<=38.45	Pass
		Inner_1RB_Right	19.84	/	/	11.88	/	/	<=38.45	Pass
	839	Edge_1RB_Left	19.77	/	/	11.81	/	/	<=38.45	Pass
		Edge_1RB_Right	19.76	/	/	11.80	/	/	<=38.45	Pass
		Outer_Full	20.31	/	/	12.35	/	/	<=38.45	Pass
		Inner_Full	20.20	/	/	12.24	/	/	<=38.45	Pass
		Inner_1RB_Left	19.74	/	/	11.78	/	/	<=38.45	Pass
		Inner_1RB_Right	19.77	/	/	11.81	/	/	<=38.45	Pass
CP-OFDM QPSK	834	Edge_1RB_Left	21.72	/	/	13.76	/	/	<=38.45	Pass
		Edge_1RB_Right	21.72	/	/	13.76	/	/	<=38.45	Pass
		Outer_Full	21.80	/	/	13.84	/	/	<=38.45	Pass
		Inner_Full	23.16	/	/	15.20	/	/	<=38.45	Pass
		Inner_1RB_Left	23.21	/	/	15.25	/	/	<=38.45	Pass
		Inner_1RB_Right	23.14	/	/	15.18	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.78	/	/	13.82	/	/	<=38.45	Pass
		Edge_1RB_Right	21.83	/	/	13.87	/	/	<=38.45	Pass
		Outer_Full	21.70	/	/	13.74	/	/	<=38.45	Pass
		Inner_Full	23.25	/	/	15.29	/	/	<=38.45	Pass
		Inner_1RB_Left	23.35	/	/	15.39	/	/	<=38.45	Pass
		Inner_1RB_Right	23.16	/	/	15.20	/	/	<=38.45	Pass
	839	Edge_1RB_Left	21.75	/	/	13.79	/	/	<=38.45	Pass
		Edge_1RB_Right	21.71	/	/	13.75	/	/	<=38.45	Pass
		Outer_Full	21.89	/	/	13.93	/	/	<=38.45	Pass
		Inner_Full	23.27	/	/	15.31	/	/	<=38.45	Pass
		Inner_1RB_Left	23.30	/	/	15.34	/	/	<=38.45	Pass
		Inner_1RB_Right	23.12	/	/	15.16	/	/	<=38.45	Pass
CP-OFDM 16 QAM	834	Edge_1RB_Left	21.72	/	/	13.76	/	/	<=38.45	Pass
		Edge_1RB_Right	21.80	/	/	13.84	/	/	<=38.45	Pass
		Outer_Full	21.67	/	/	13.71	/	/	<=38.45	Pass
		Inner_Full	22.61	/	/	14.65	/	/	<=38.45	Pass
		Inner_1RB_Left	22.75	/	/	14.79	/	/	<=38.45	Pass
		Inner_1RB_Right	22.66	/	/	14.70	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.70	/	/	13.74	/	/	<=38.45	Pass
		Edge_1RB_Right	21.72	/	/	13.76	/	/	<=38.45	Pass
		Outer_Full	21.84	/	/	13.88	/	/	<=38.45	Pass
		Inner_Full	22.87	/	/	14.91	/	/	<=38.45	Pass
		Inner_1RB_Left	22.78	/	/	14.82	/	/	<=38.45	Pass
		Inner_1RB_Right	22.62	/	/	14.66	/	/	<=38.45	Pass
	839	Edge_1RB_Left	21.79	/	/	13.83	/	/	<=38.45	Pass
		Edge_1RB_Right	21.70	/	/	13.74	/	/	<=38.45	Pass
		Outer_Full	21.75	/	/	13.79	/	/	<=38.45	Pass
		Inner_Full	22.79	/	/	14.83	/	/	<=38.45	Pass
		Inner_1RB_Left	22.80	/	/	14.84	/	/	<=38.45	Pass
		Inner_1RB_Right	22.62	/	/	14.66	/	/	<=38.45	Pass
CP-OFDM 64 QAM	834	Edge_1RB_Left	21.29	/	/	13.33	/	/	<=38.45	Pass

		Edge_1RB_Right	21.31	/	/	13.35	/	/	<=38.45	Pass	
		Outer_Full	21.19	/	/	13.23	/	/	<=38.45	Pass	
		Inner_Full	21.24	/	/	13.28	/	/	<=38.45	Pass	
		Inner_1RB_Left	21.30	/	/	13.34	/	/	<=38.45	Pass	
		Inner_1RB_Right	21.24	/	/	13.28	/	/	<=38.45	Pass	
	836.5	Edge_1RB_Left	21.34	/	/	13.38	/	/	<=38.45	Pass	
		Edge_1RB_Right	21.26	/	/	13.30	/	/	<=38.45	Pass	
		Outer_Full	21.32	/	/	13.36	/	/	<=38.45	Pass	
		Inner_Full	21.35	/	/	13.39	/	/	<=38.45	Pass	
		Inner_1RB_Left	21.36	/	/	13.40	/	/	<=38.45	Pass	
	839	Inner_1RB_Right	21.23	/	/	13.27	/	/	<=38.45	Pass	
		Edge_1RB_Left	21.31	/	/	13.35	/	/	<=38.45	Pass	
		Edge_1RB_Right	21.19	/	/	13.23	/	/	<=38.45	Pass	
		Outer_Full	21.31	/	/	13.35	/	/	<=38.45	Pass	
		Inner_Full	21.26	/	/	13.30	/	/	<=38.45	Pass	
	CP-OFDM 256 QAM	834	Inner_1RB_Left	21.32	/	/	13.36	/	/	<=38.45	Pass
			Inner_1RB_Right	21.11	/	/	13.15	/	/	<=38.45	Pass
			Edge_1RB_Left	17.85	/	/	9.89	/	/	<=38.45	Pass
			Edge_1RB_Right	17.96	/	/	10.00	/	/	<=38.45	Pass
			Outer_Full	18.33	/	/	10.37	/	/	<=38.45	Pass
Inner_Full			18.25	/	/	10.29	/	/	<=38.45	Pass	
836.5		Inner_1RB_Left	17.80	/	/	9.84	/	/	<=38.45	Pass	
		Inner_1RB_Right	17.81	/	/	9.85	/	/	<=38.45	Pass	
		Edge_1RB_Left	18.00	/	/	10.04	/	/	<=38.45	Pass	
		Edge_1RB_Right	17.97	/	/	10.01	/	/	<=38.45	Pass	
		Outer_Full	18.32	/	/	10.36	/	/	<=38.45	Pass	
		Inner_Full	18.24	/	/	10.28	/	/	<=38.45	Pass	
839		Inner_1RB_Left	17.95	/	/	9.99	/	/	<=38.45	Pass	
		Inner_1RB_Right	17.81	/	/	9.85	/	/	<=38.45	Pass	
		Edge_1RB_Left	17.93	/	/	9.97	/	/	<=38.45	Pass	
		Edge_1RB_Right	17.94	/	/	9.98	/	/	<=38.45	Pass	
		Outer_Full	18.29	/	/	10.33	/	/	<=38.45	Pass	
		Inner_Full	18.36	/	/	10.40	/	/	<=38.45	Pass	
		Inner_1RB_Left	17.89	/	/	9.93	/	/	<=38.45	Pass	
		Inner_1RB_Right	17.88	/	/	9.92	/	/	<=38.45	Pass	
Note1: Antenna Gain: Ant1: -5.81dBi; Note2: ERP=Conducted Power+Antenna Gain-2.15											

2. Frequency Stability

2.1 Test Result

2.1.1 15_S_20M

5G NR n5 SCS=15kHz SISO 20MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	836.5	Outer_Full	20	LV	-8.80	-0.0105	>=-2.5 & <=2.5	Pass
				HV	-11.30	-0.0135	>=-2.5 & <=2.5	Pass
			-30	NV	-7.40	-0.0088	>=-2.5 & <=2.5	Pass
			-20	NV	-9.40	-0.0112	>=-2.5 & <=2.5	Pass
			-10	NV	-9.30	-0.0111	>=-2.5 & <=2.5	Pass
			0	NV	-7.10	-0.0085	>=-2.5 & <=2.5	Pass
			10	NV	-9.50	-0.0114	>=-2.5 & <=2.5	Pass
			20	NV	-5.50	-0.0066	>=-2.5 & <=2.5	Pass
			30	NV	-11.50	-0.0137	>=-2.5 & <=2.5	Pass
			40	NV	-11.00	-0.0132	>=-2.5 & <=2.5	Pass
			50	NV	-8.80	-0.0105	>=-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	4.54	5.25	/	Pass
DFT-s-OFDM QPSK	836.5	Outer_Full	4.53	5.18	/	Pass
DFT-s-OFDM 16 QAM	836.5	Outer_Full	4.56	5.31	/	Pass
DFT-s-OFDM 64 QAM	836.5	Outer_Full	4.53	5.21	/	Pass
DFT-s-OFDM 256 QAM	836.5	Outer_Full	4.56	5.32	/	Pass
CP-OFDM QPSK	836.5	Outer_Full	4.55	5.38	/	Pass
CP-OFDM 16 QAM	836.5	Outer_Full	4.61	5.39	/	Pass
CP-OFDM 64 QAM	836.5	Outer_Full	4.56	5.29	/	Pass
CP-OFDM 256 QAM	836.5	Outer_Full	4.57	5.43	/	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	9.04	9.94	/	Pass
DFT-s-OFDM QPSK	836.5	Outer_Full	9.07	10.07	/	Pass
DFT-s-OFDM 16 QAM	836.5	Outer_Full	9.05	10.06	/	Pass
DFT-s-OFDM 64 QAM	836.5	Outer_Full	9.03	10.00	/	Pass
DFT-s-OFDM 256 QAM	836.5	Outer_Full	9.02	9.98	/	Pass
CP-OFDM QPSK	836.5	Outer_Full	9.36	10.49	/	Pass
CP-OFDM 16 QAM	836.5	Outer_Full	9.38	10.41	/	Pass

CP-OFDM 64 QAM	836.5	Outer_Full	9.33	10.29	/	Pass
CP-OFDM 256 QAM	836.5	Outer_Full	9.39	10.49	/	Pass

3.1.3 15_S_15M_NTNV

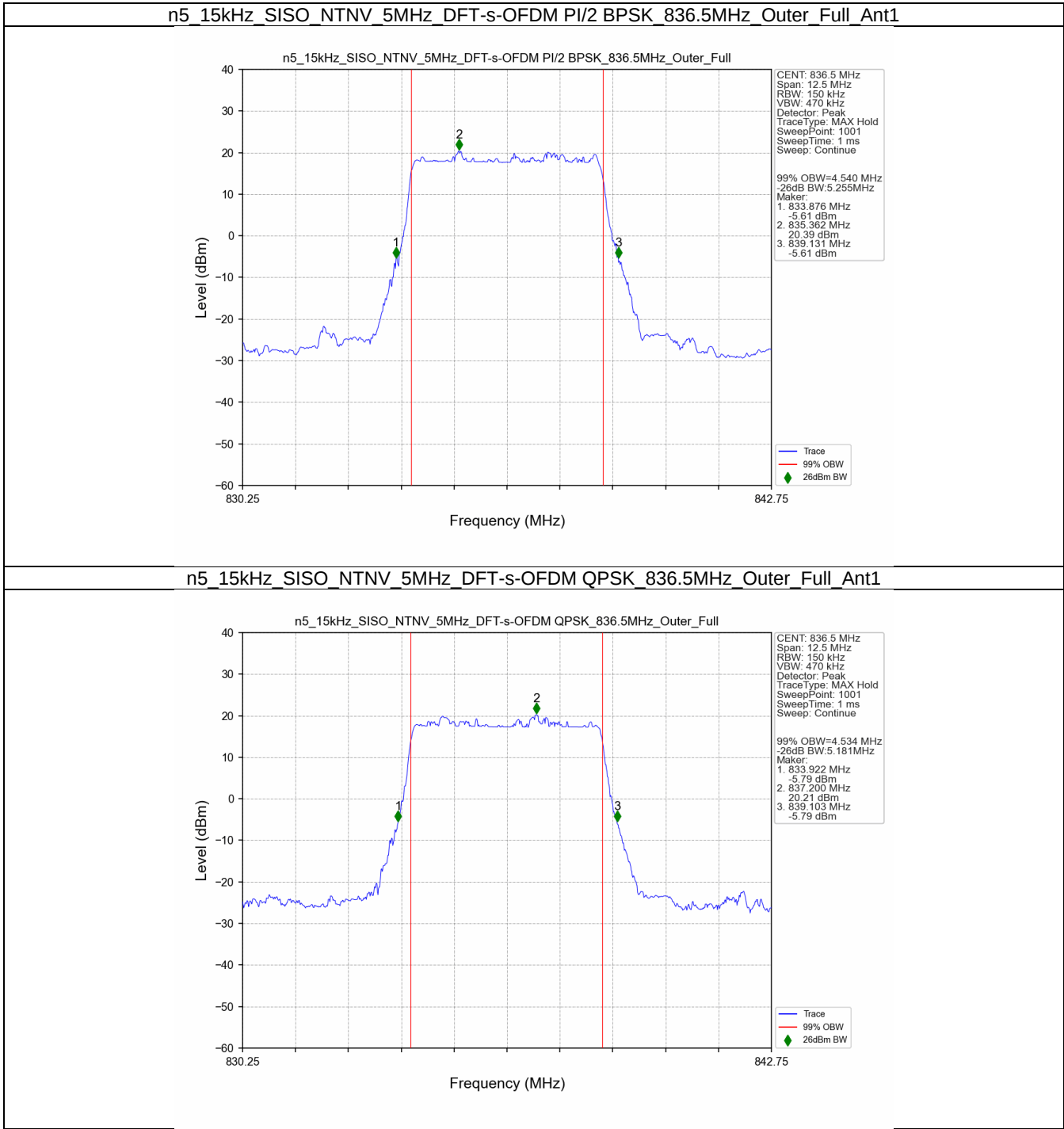
5G NR n5 SCS=15kHz SISO 15MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	836.5	Outer_Full	13.53	14.73	/	Pass
DFT-s-OFDM QPSK	836.5	Outer_Full	13.58	14.74	/	Pass
DFT-s-OFDM 16 QAM	836.5	Outer_Full	13.61	14.85	/	Pass
DFT-s-OFDM 64 QAM	836.5	Outer_Full	13.53	14.82	/	Pass
DFT-s-OFDM 256 QAM	836.5	Outer_Full	13.57	14.83	/	Pass
CP-OFDM QPSK	836.5	Outer_Full	14.21	15.41	/	Pass
CP-OFDM 16 QAM	836.5	Outer_Full	14.22	15.57	/	Pass
CP-OFDM 64 QAM	836.5	Outer_Full	14.28	15.50	/	Pass
CP-OFDM 256 QAM	836.5	Outer_Full	14.19	15.48	/	Pass

3.1.4 15_S_20M_NTNV

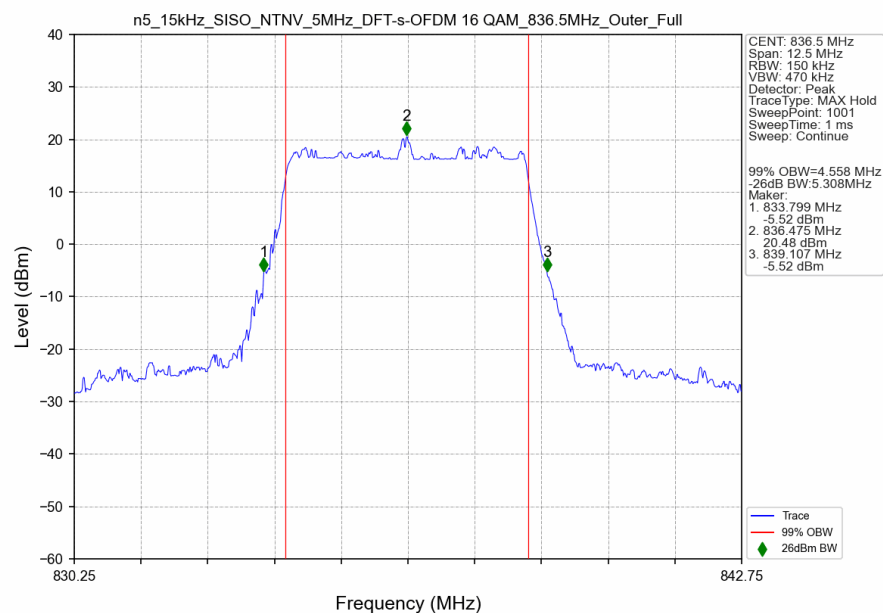
5G NR n5 SCS=15kHz SISO 20MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	836.5	Outer_Full	18.00	19.42	/	Pass
DFT-s-OFDM QPSK	836.5	Outer_Full	17.98	19.49	/	Pass
DFT-s-OFDM 16 QAM	836.5	Outer_Full	17.97	19.45	/	Pass
DFT-s-OFDM 64 QAM	836.5	Outer_Full	18.00	19.46	/	Pass
DFT-s-OFDM 256 QAM	836.5	Outer_Full	18.00	19.42	/	Pass
CP-OFDM QPSK	836.5	Outer_Full	18.97	20.65	/	Pass
CP-OFDM 16 QAM	836.5	Outer_Full	19.03	20.74	/	Pass
CP-OFDM 64 QAM	836.5	Outer_Full	19.06	20.55	/	Pass
CP-OFDM 256 QAM	836.5	Outer_Full	19.10	20.62	/	Pass

3.2 Test Graph

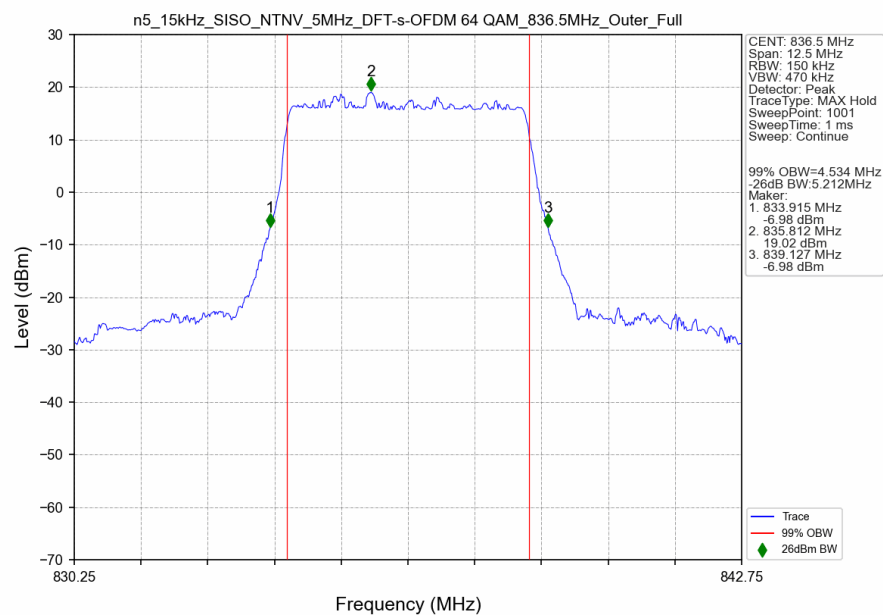
3.2.1 15_S_5M_NTNV



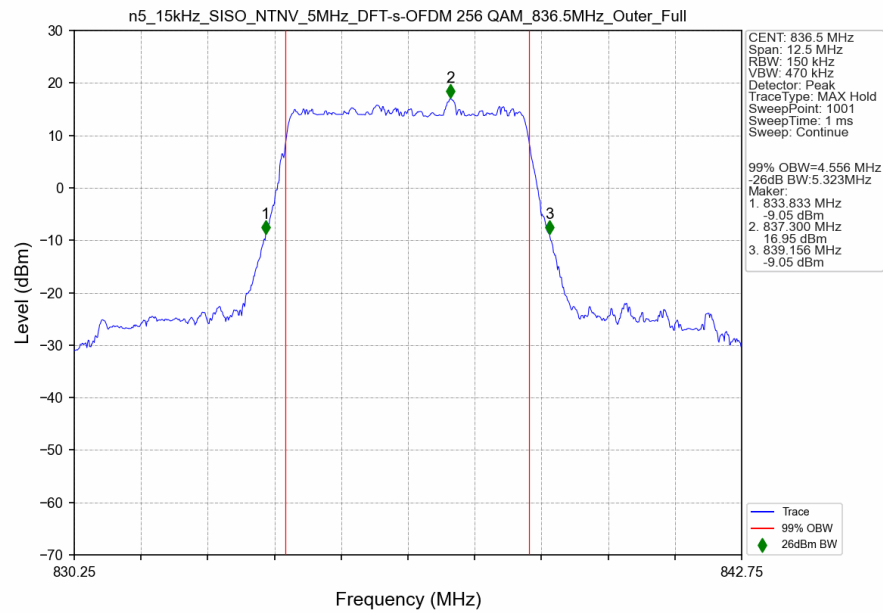
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_16_QAM_836.5MHz_Outer_Full_Ant1



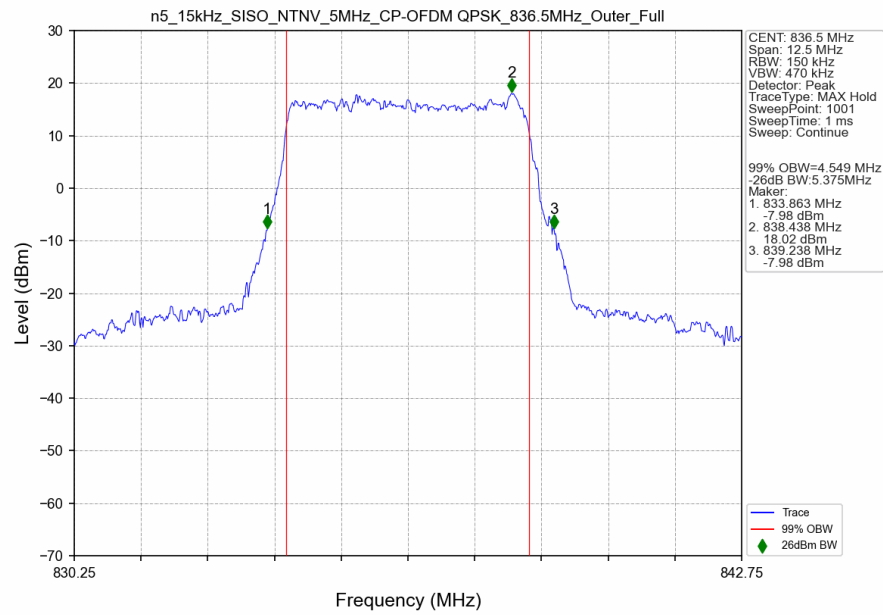
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_64_QAM_836.5MHz_Outer_Full_Ant1



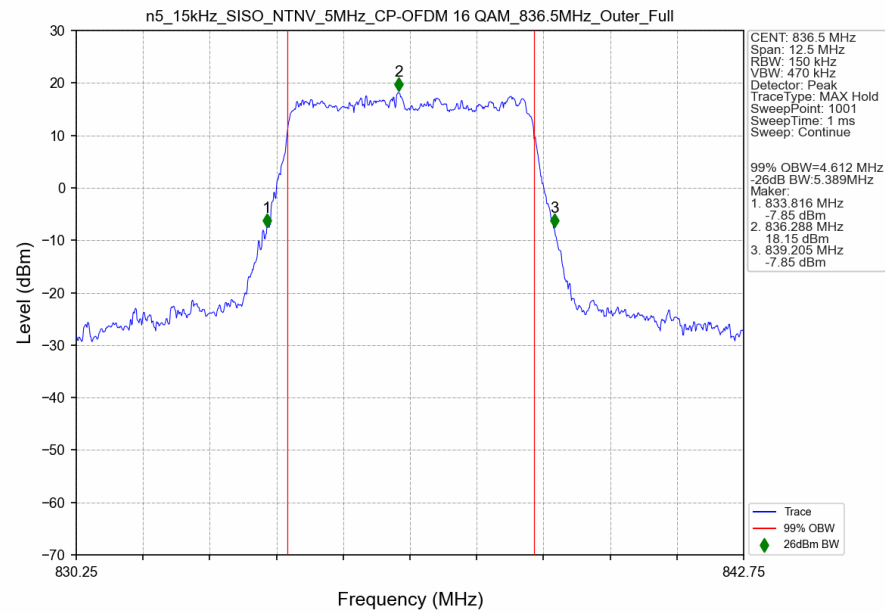
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_256_QAM_836.5MHz_Outer_Full_Ant1



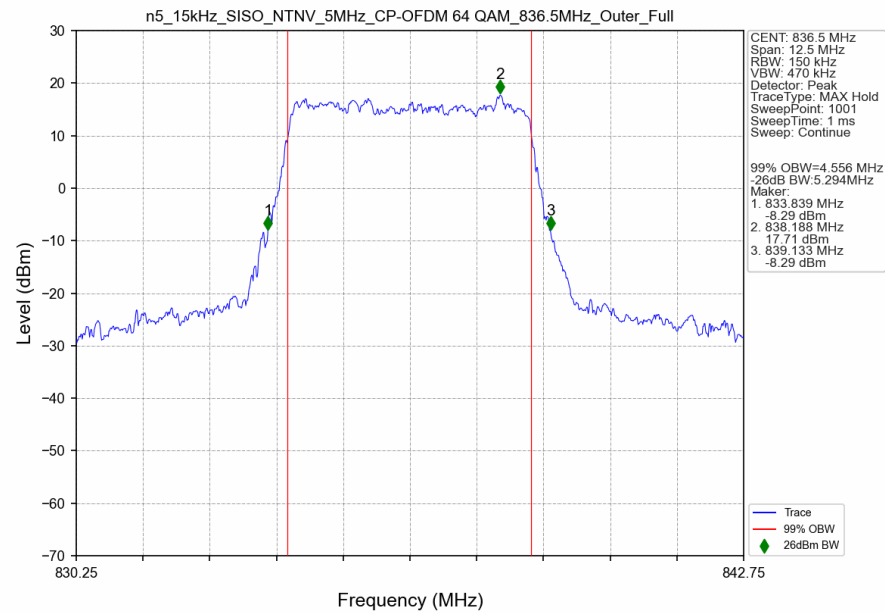
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_836.5MHz_Outer_Full_Ant1



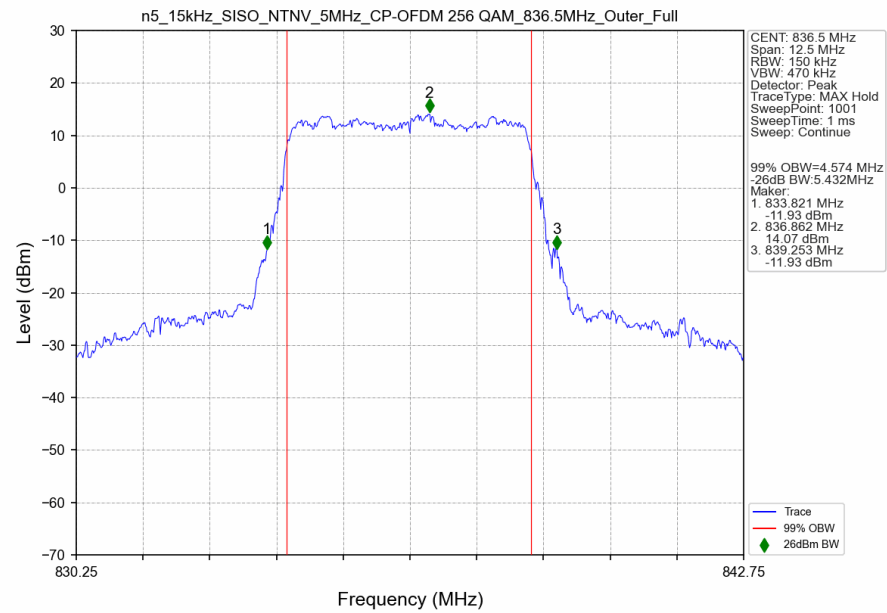
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM 16 QAM 836.5MHz_Outer_Full_Ant1



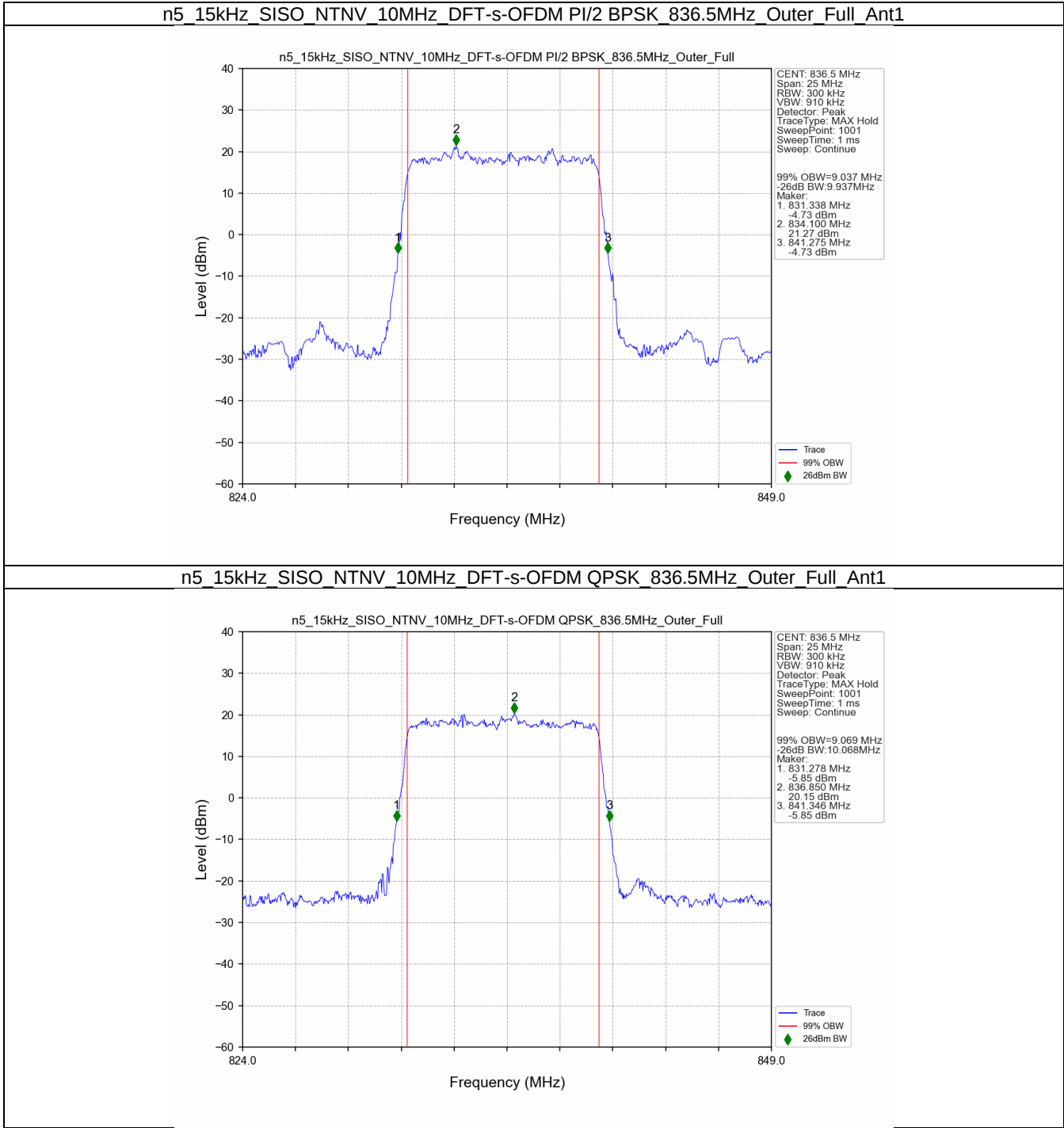
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM 64 QAM 836.5MHz_Outer_Full_Ant1



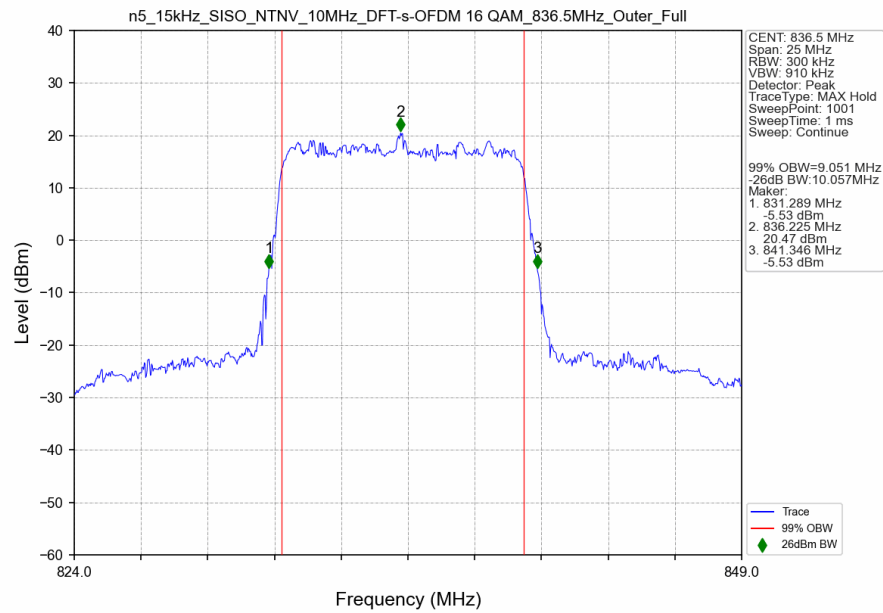
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_256_QAM_836.5MHz_Outer_Full_Ant1



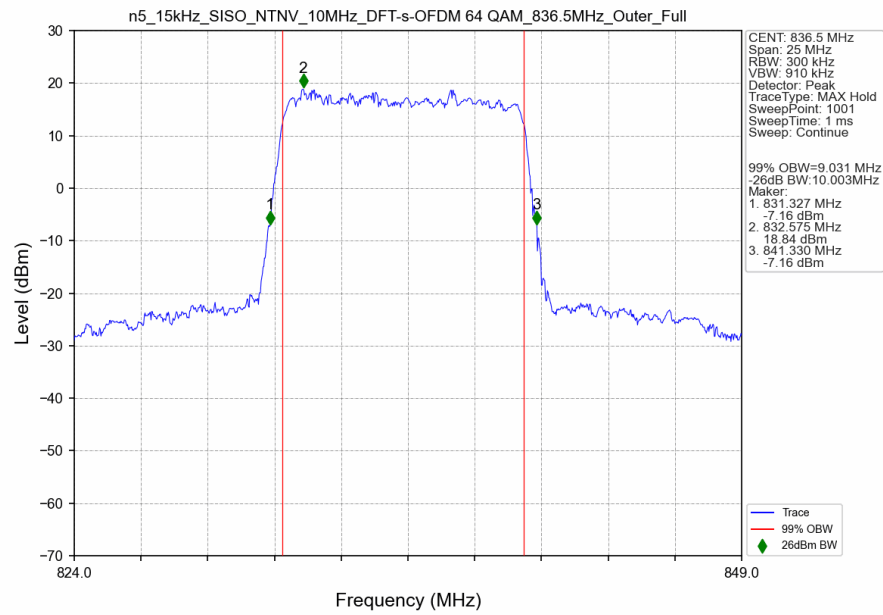
3.2.2 15_S_10M_NTNV



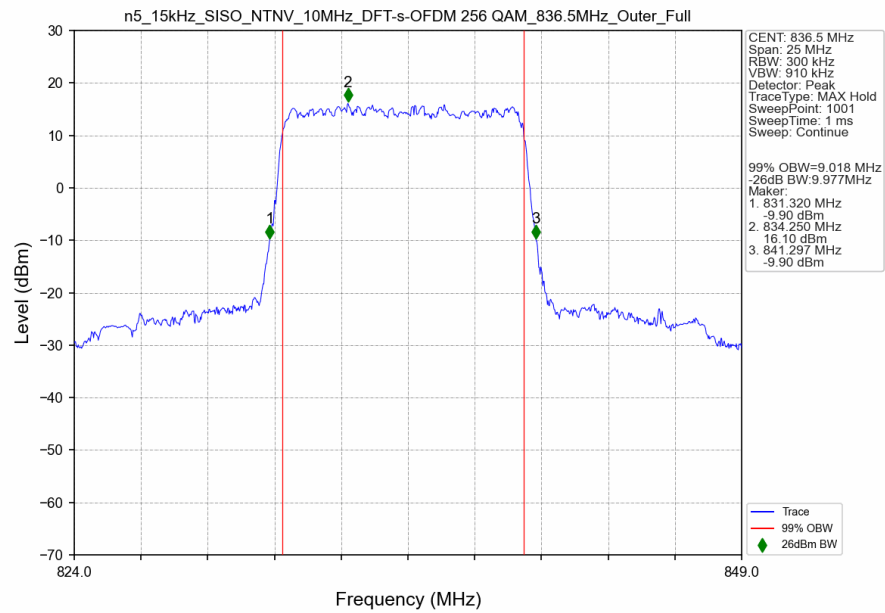
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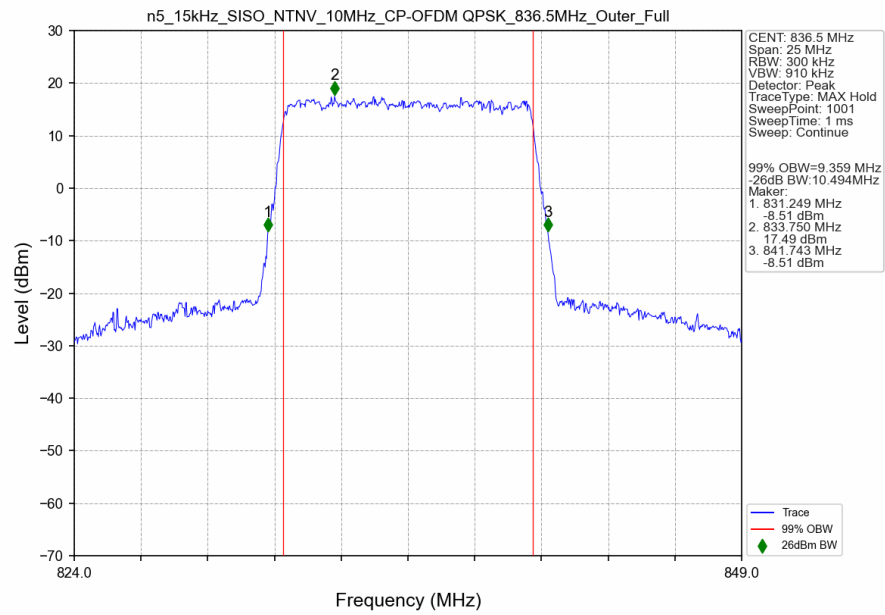
n5_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_64_QAM_836.5MHz_Outer_Full_Ant1



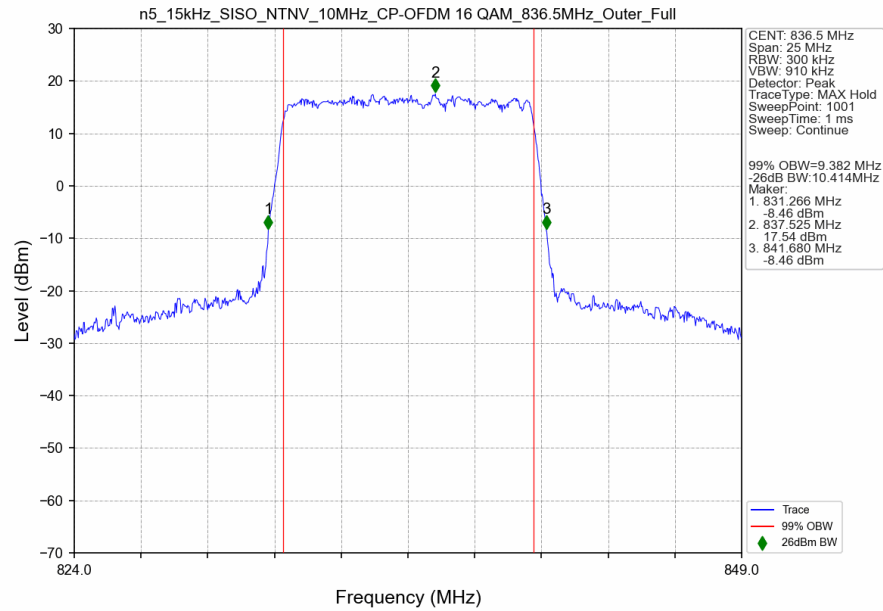
n5_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_256_QAM_836.5MHz_Outer_Full_Ant1



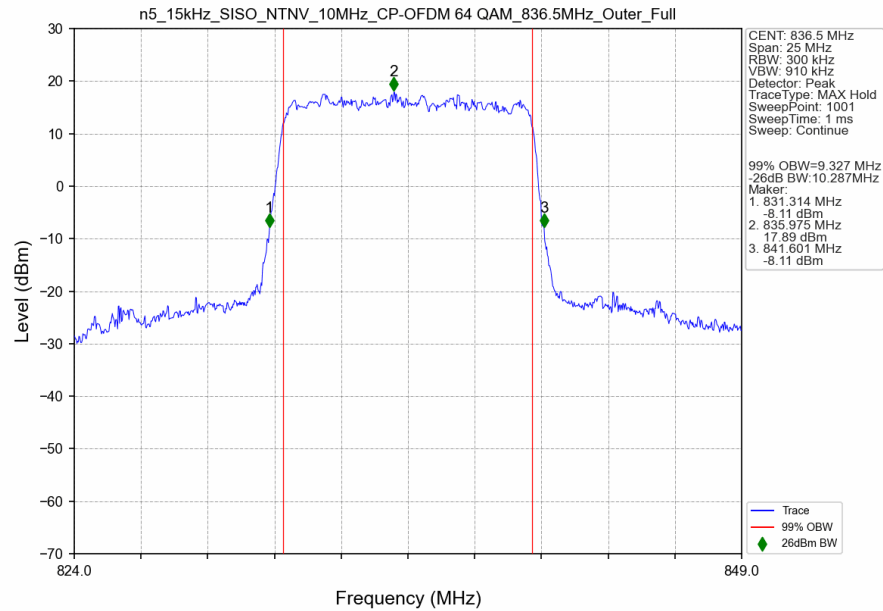
n5_15kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_836.5MHz_Outer_Full_Ant1



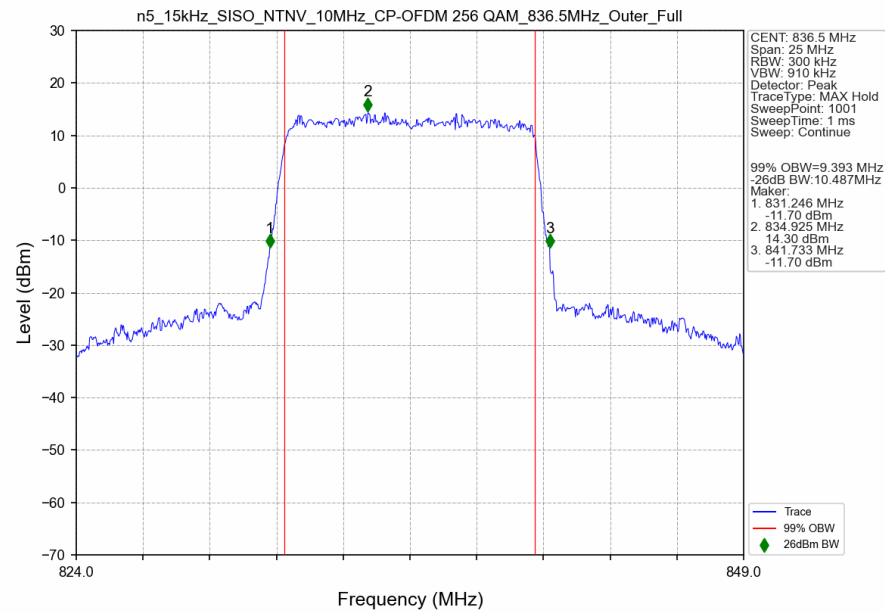
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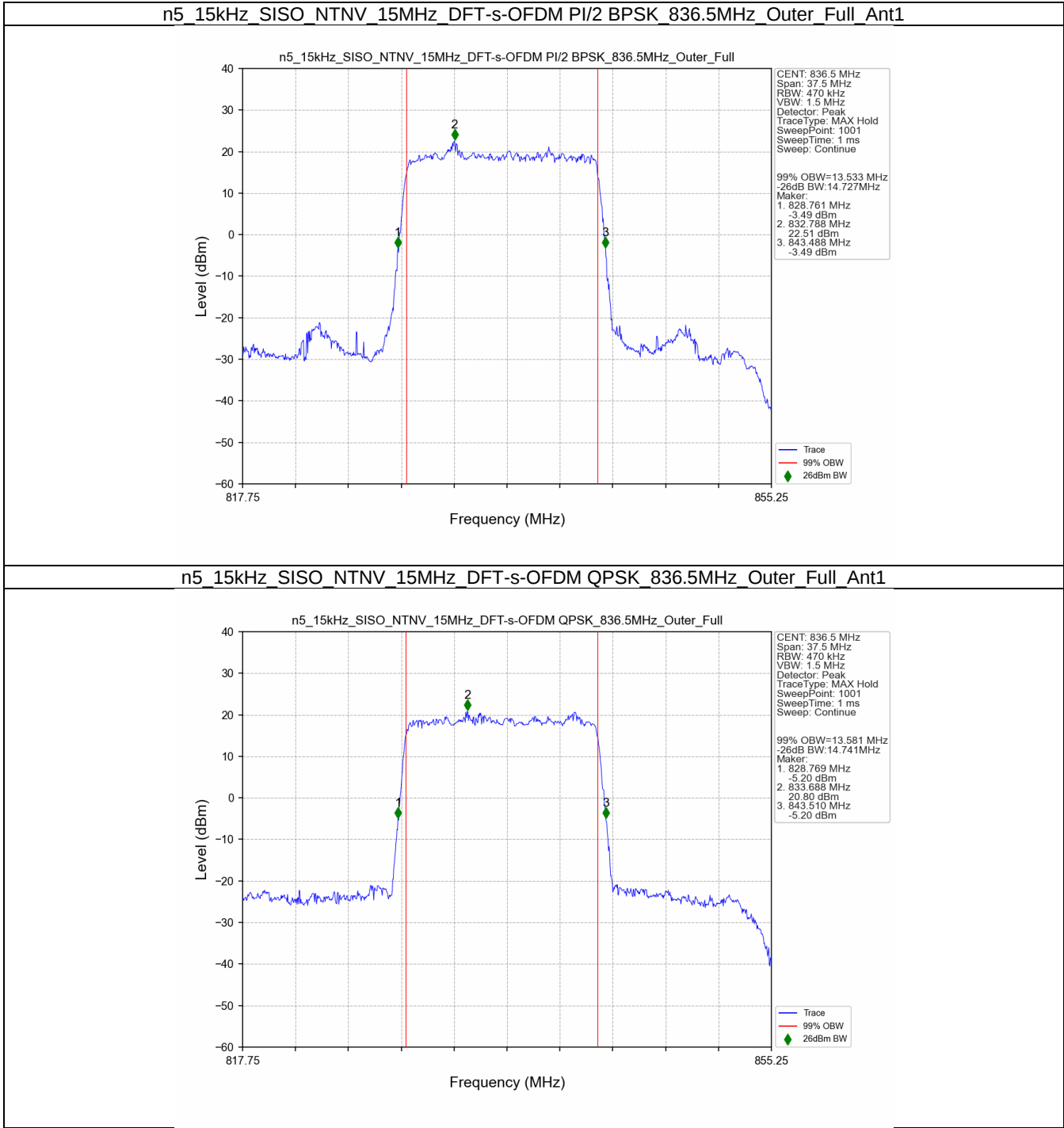
n5_15kHz_SISO_NTNV_10MHz_CP-OFDM_64_QAM_836.5MHz_Outer_Full_Ant1



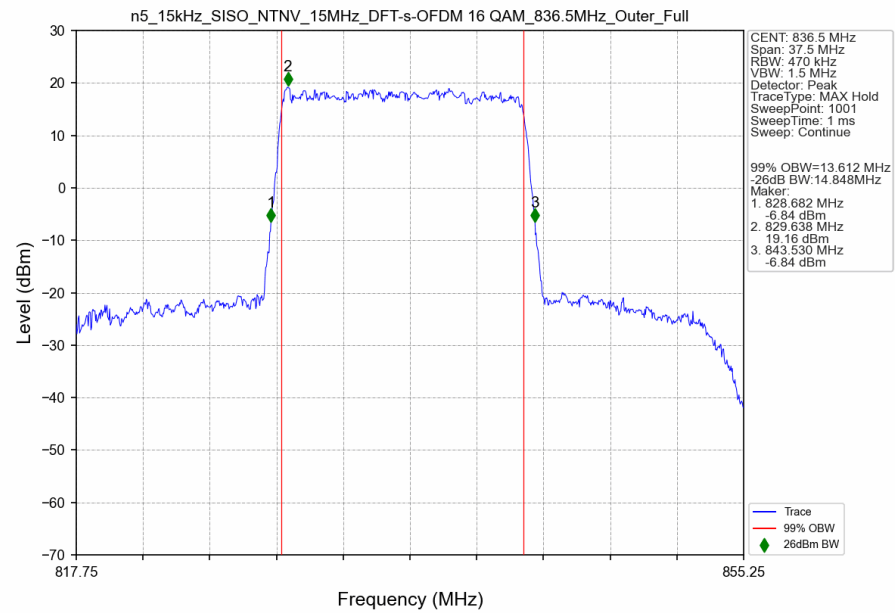
n5_15kHz_SISO_NTNV_10MHz_CP-OFDM_256_QAM_836.5MHz_Outer_Full_Ant1



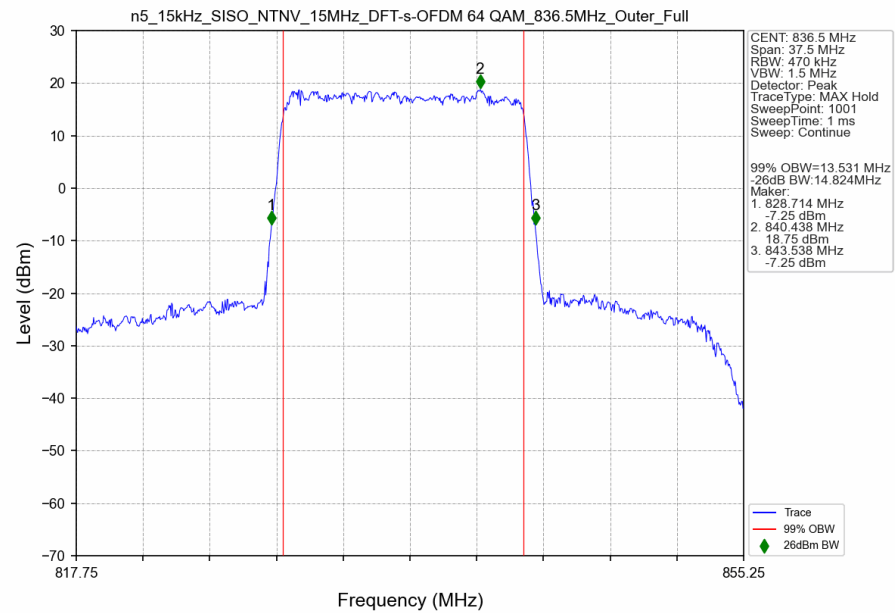
3.2.3 15_S_15M_NTNV



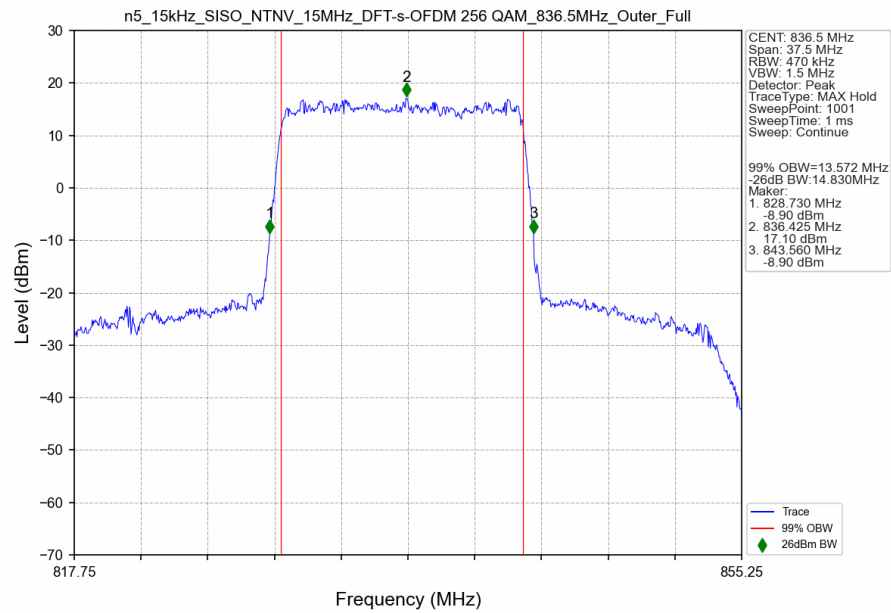
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_16_QAM_836.5MHz_Outer_Full_Ant1



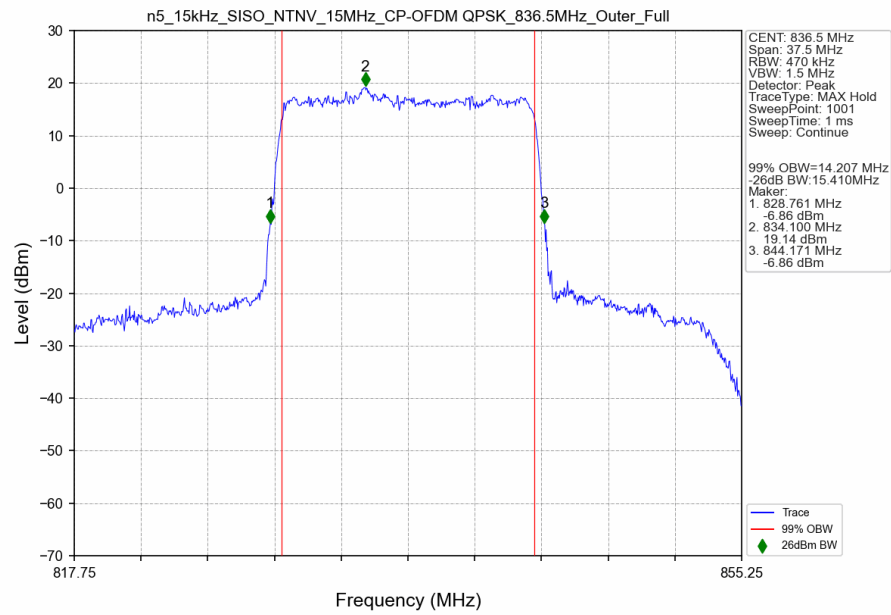
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_64_QAM_836.5MHz_Outer_Full_Ant1



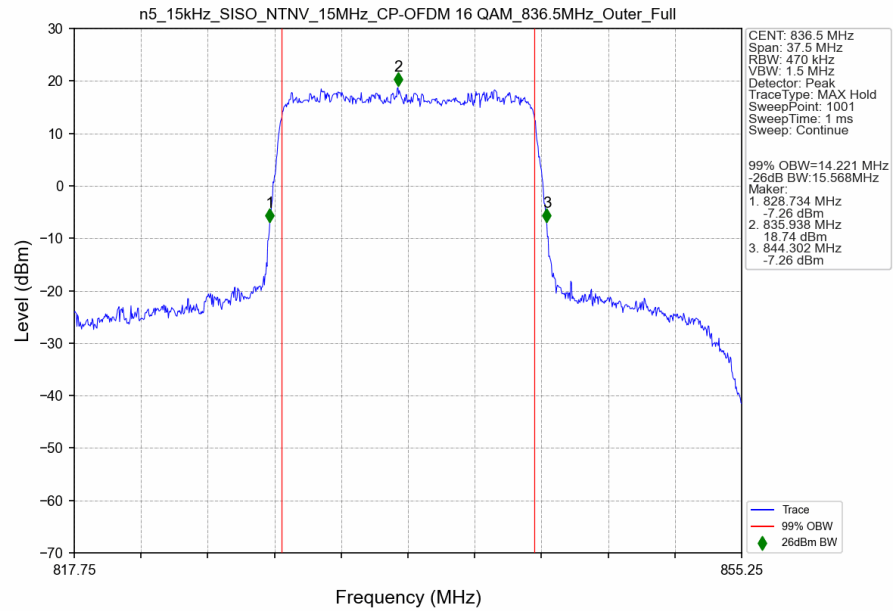
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_256_QAM_836.5MHz_Outer_Full_Ant1



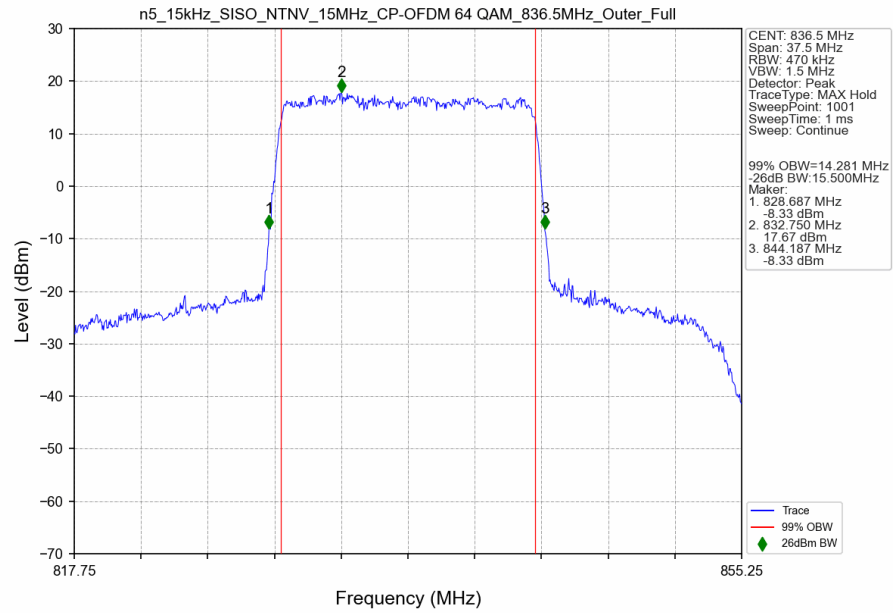
n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_836.5MHz_Outer_Full_Ant1



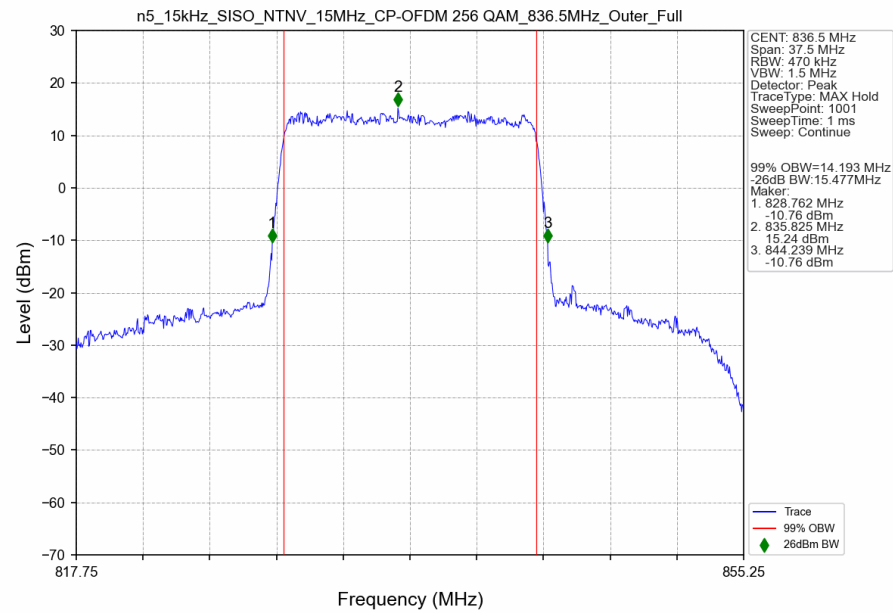
n5_15kHz_SISO_NTNV_15MHz_CP-OFDM 16 QAM 836.5MHz_Outer_Full_Ant1



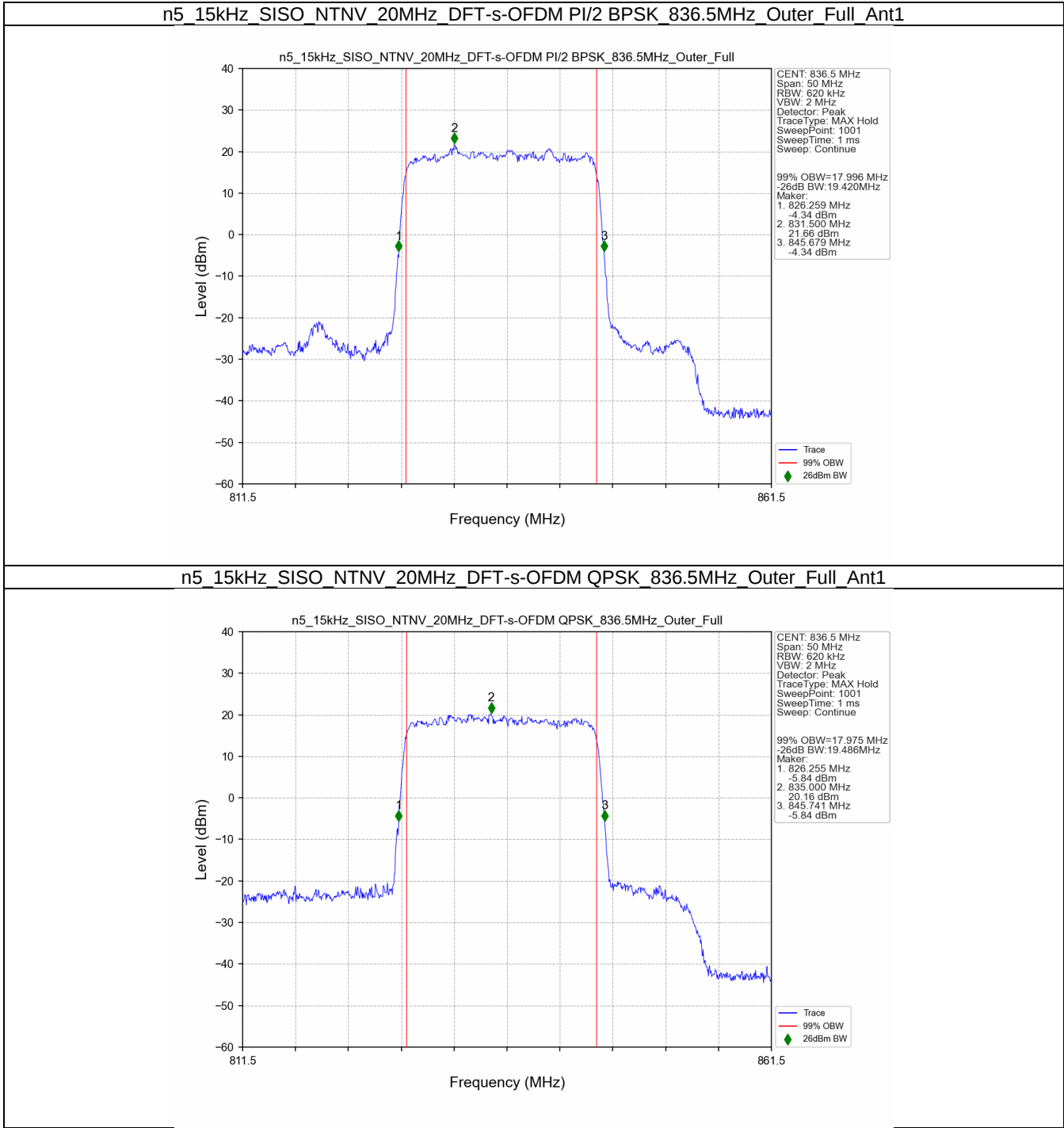
n5_15kHz_SISO_NTNV_15MHz_CP-OFDM 64 QAM 836.5MHz_Outer_Full_Ant1



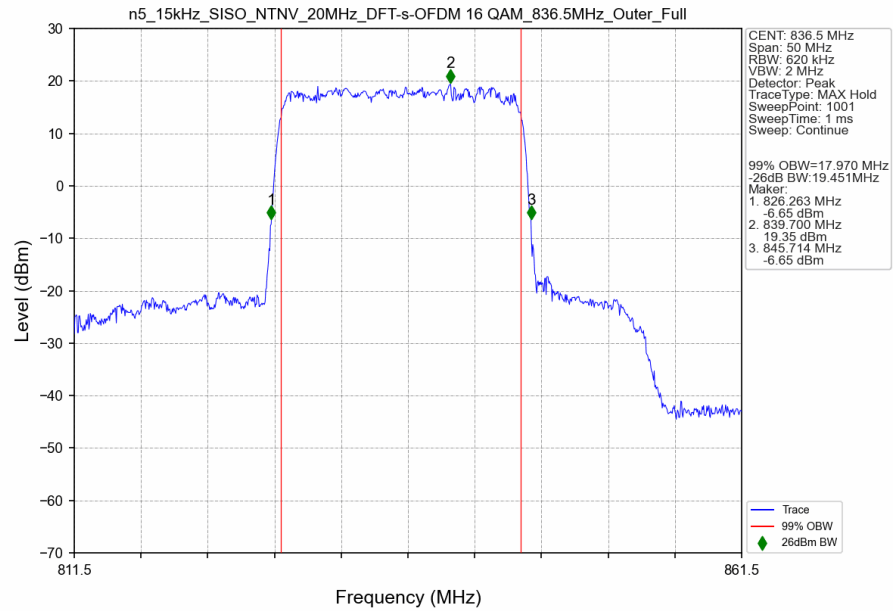
n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_256_QAM_836.5MHz_Outer_Full_Ant1



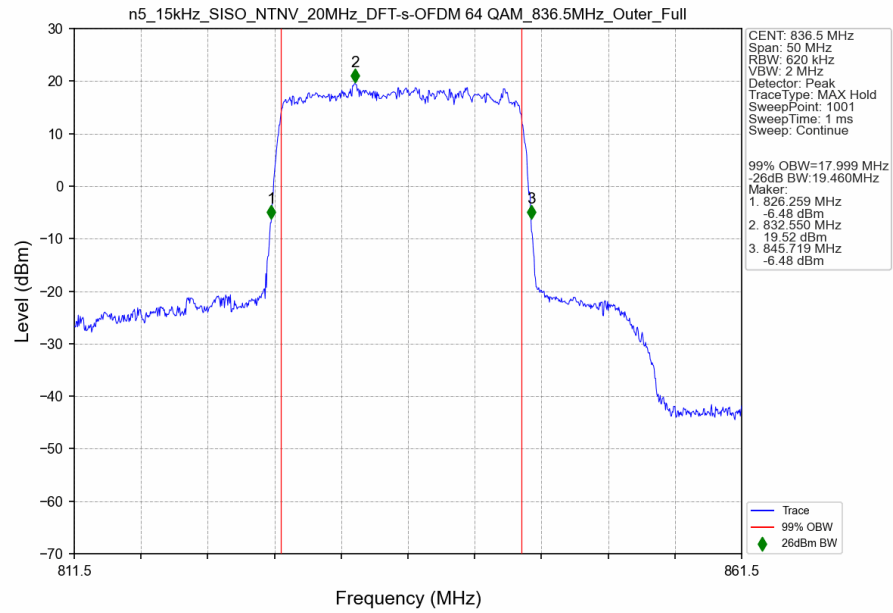
3.2.4 15_S_20M_NTNV



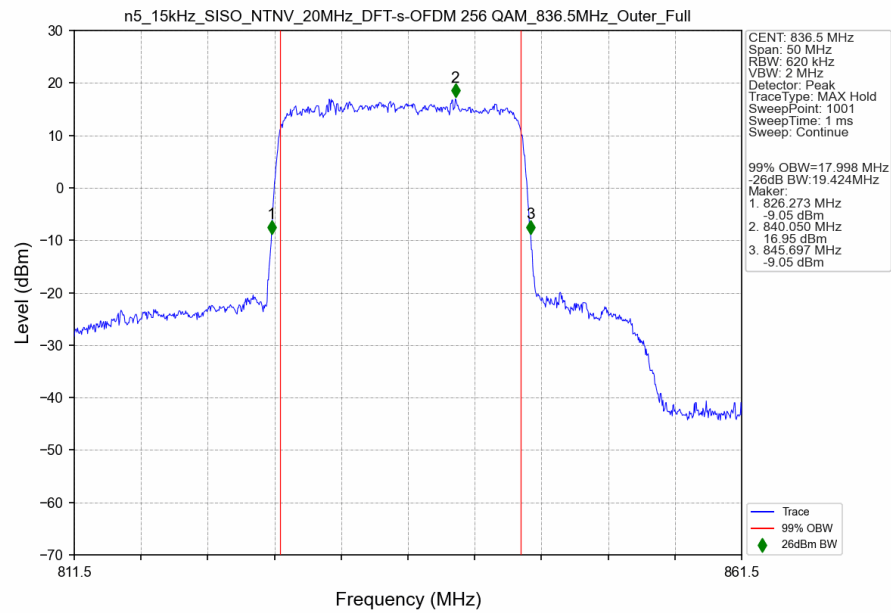
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_16_QAM_836.5MHz_Outer_Full_Ant1



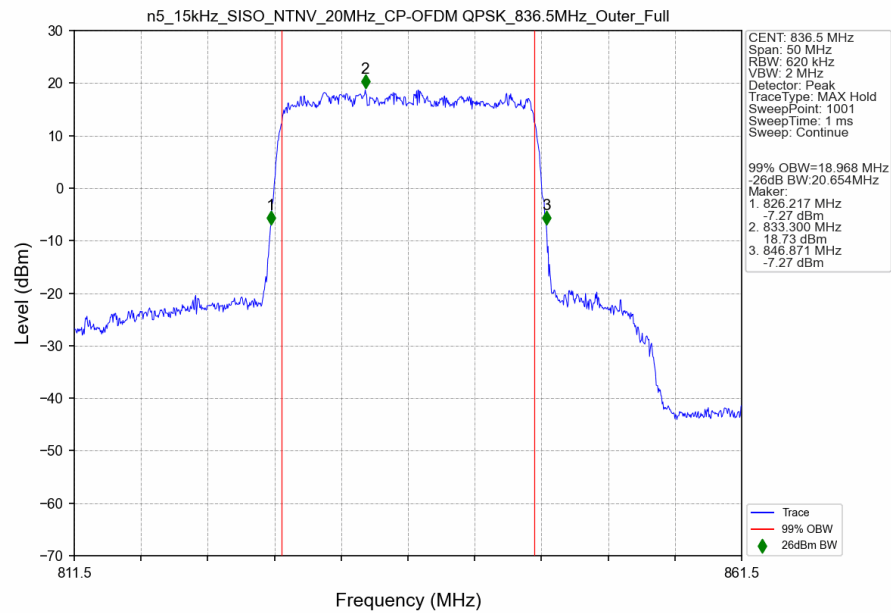
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_64_QAM_836.5MHz_Outer_Full_Ant1



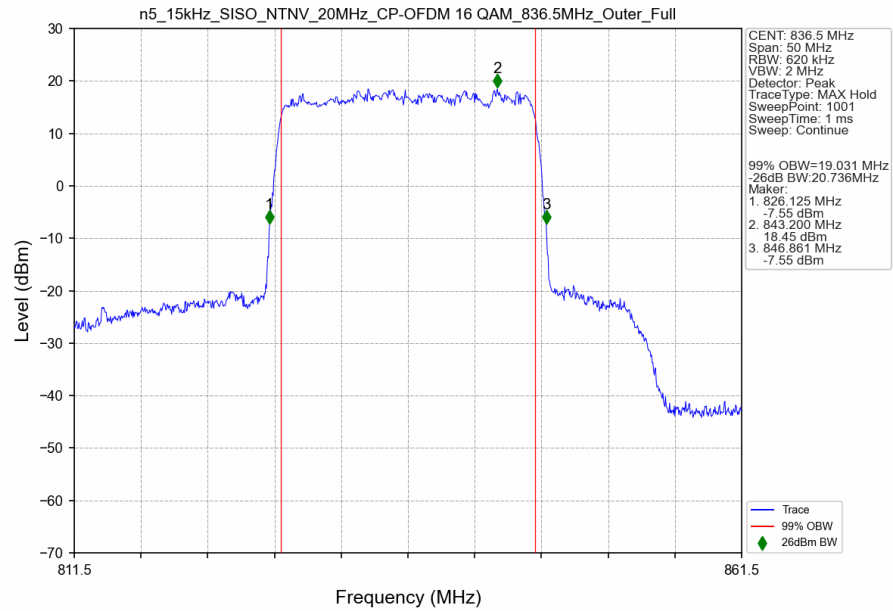
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_256_QAM_836.5MHz_Outer_Full_Ant1



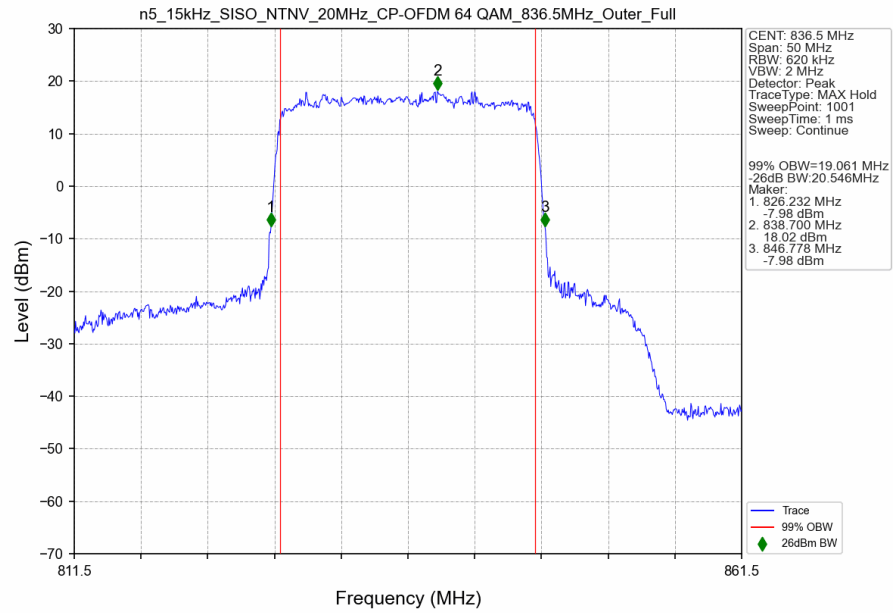
n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_836.5MHz_Outer_Full_Ant1



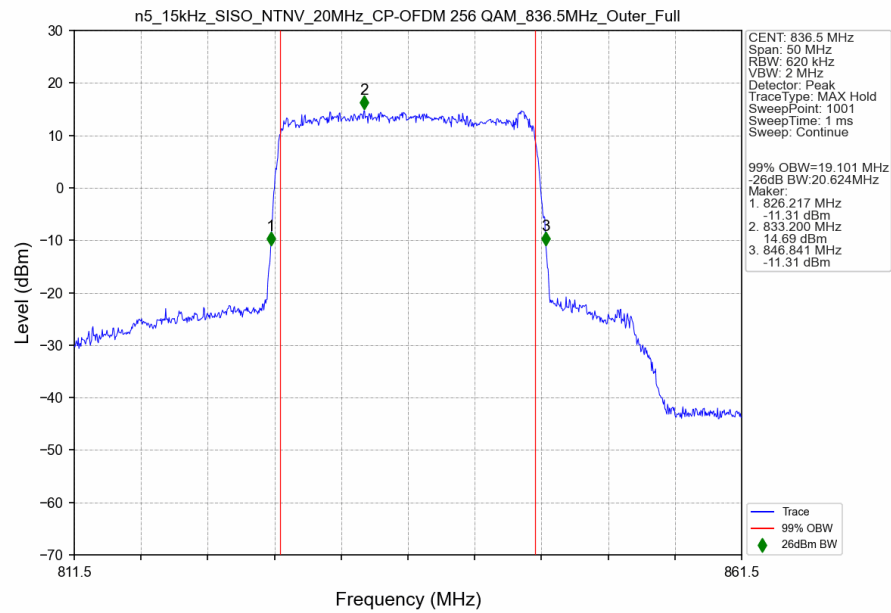
n5_15kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM 836.5MHz_Outer_Full_Ant1



n5_15kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM 836.5MHz_Outer_Full_Ant1



n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_256_QAM_836.5MHz_Outer_Full_Ant1



4. Peak-Average Ratio

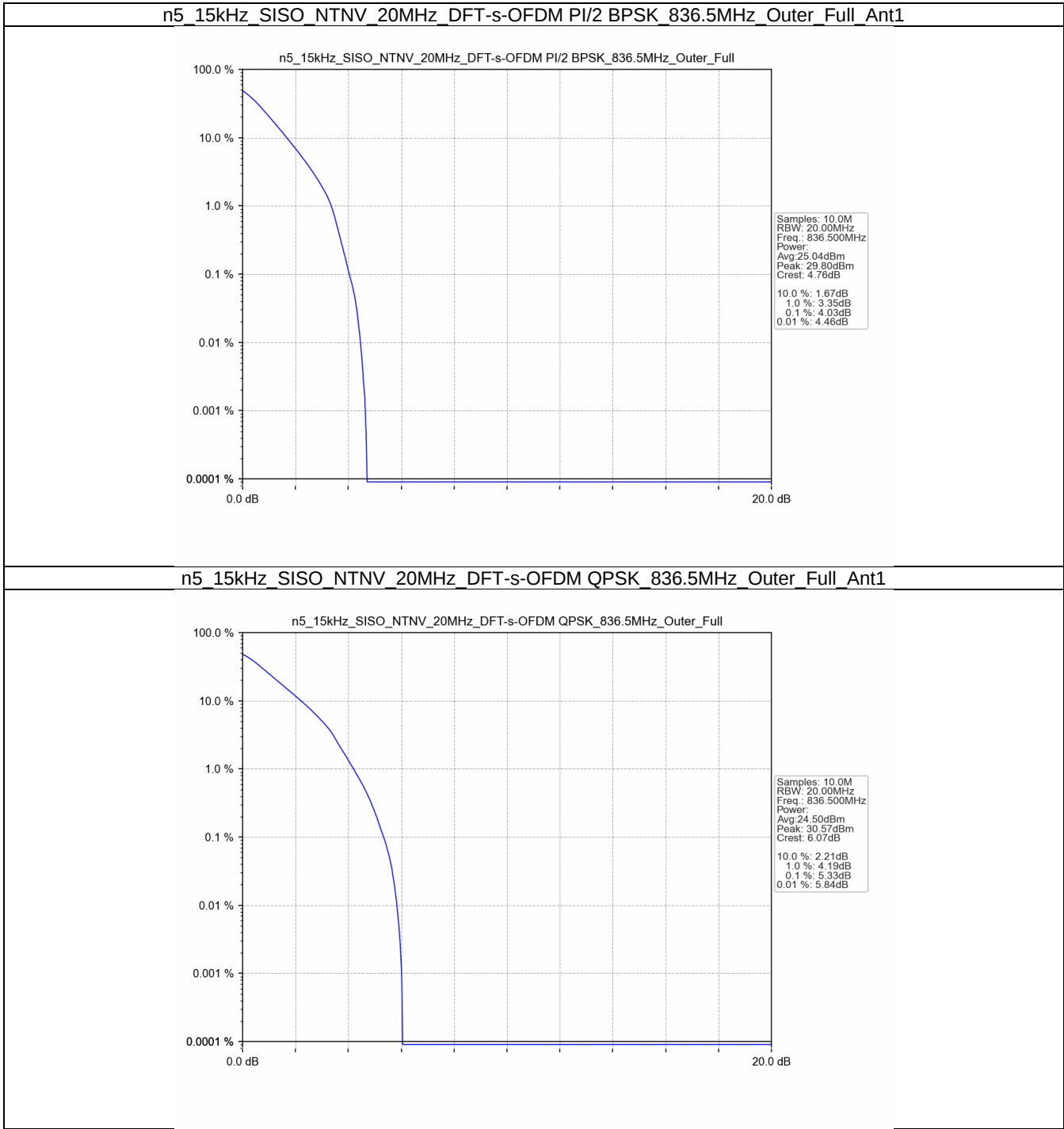
4.1 Test Result

4.1.1 15_S_20M_NTNV

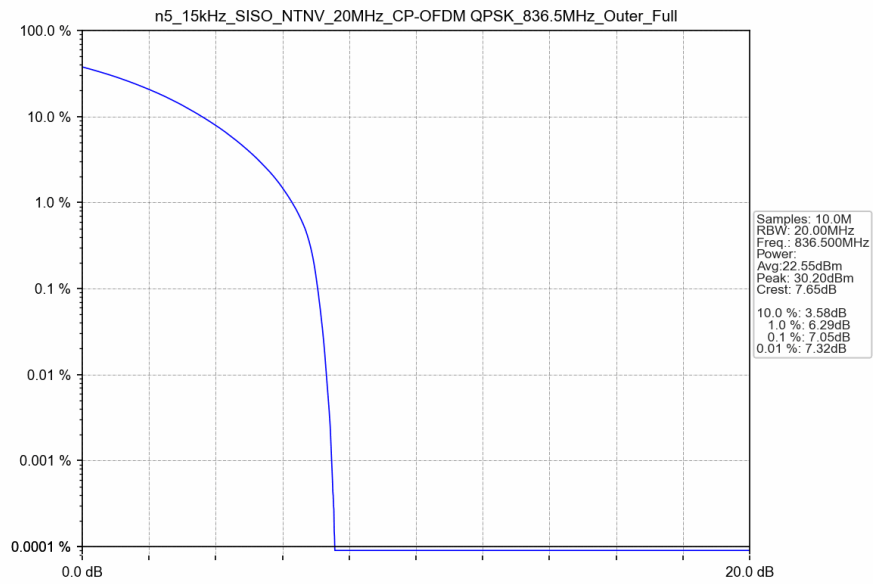
5G NR n5 SCS=15kHz SISO 20MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	836.5	Outer_Full	4.03	/	/	<=13	Pass
DFT-s-OFDM QPSK	836.5	Outer_Full	5.33	/	/	<=13	Pass
CP-OFDM QPSK	836.5	Outer_Full	7.05	/	/	<=13	Pass

4.2 Test Graph

4.2.1 15_S_20M_NTNV



n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_836.5MHz_Outer_Full_Ant1



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
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	826.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	836.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM QPSK	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
		Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
CP-OFDM QPSK	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
		Edge_1RB_Right	Refer To Test Graph				Pass
		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
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	831.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	836.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM QPSK	831.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	836.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
CP-OFDM QPSK	831.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	836.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass

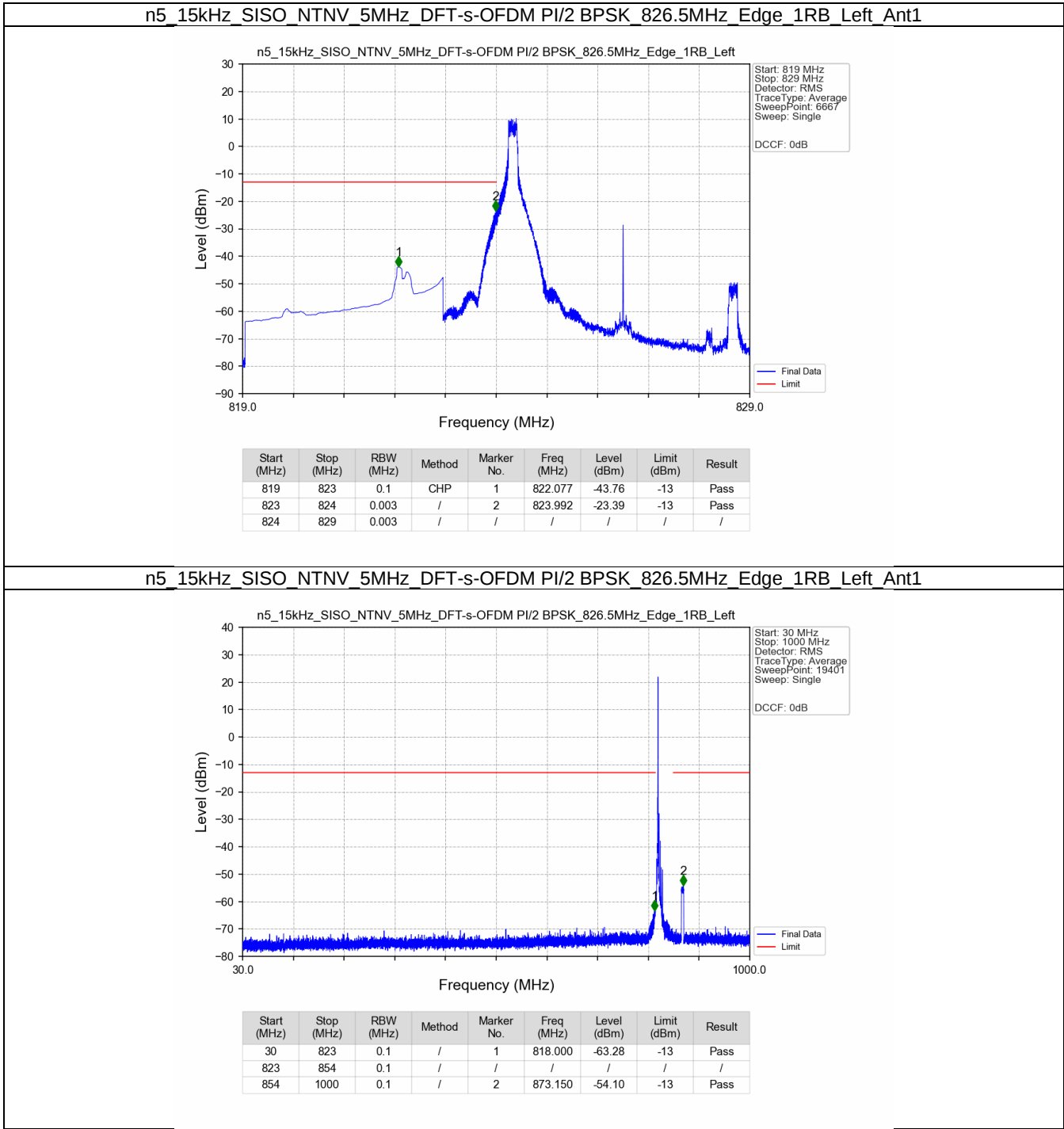
5.1.3 15_S_20M_NTNV

5G NR n5 SCS=15kHz SISO 20MHz NTNV							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	834	Edge 1RB Left	Refer To Test Graph				Pass

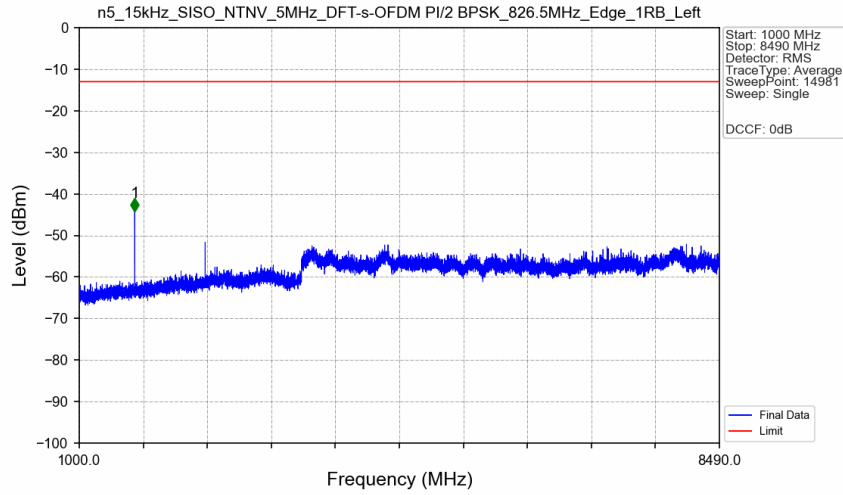
		Outer_Full	Refer To Test Graph	Pass
	836.5	Edge_1RB_Left	Refer To Test Graph	Pass
	839	Edge_1RB_Right	Refer To Test Graph	Pass
		Outer_Full	Refer To Test Graph	Pass
DFT-s-OFDM QPSK	834	Edge_1RB_Left	Refer To Test Graph	Pass
		Outer_Full	Refer To Test Graph	Pass
	836.5	Edge_1RB_Left	Refer To Test Graph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

5.2 Test Graph

5.2.1 15_S_5M_NTNV

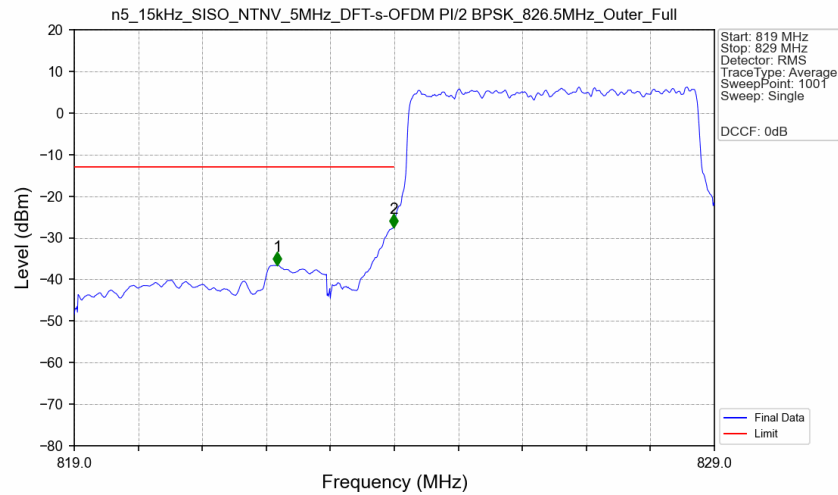


n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_826.5MHz_Edge_1RB_Left_Ant1



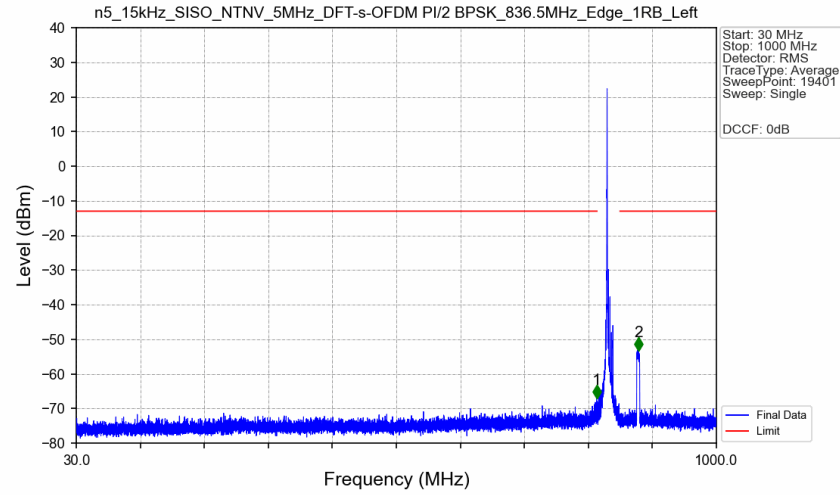
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1648.500	-44.22	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_826.5MHz_Outer_Full_Ant1



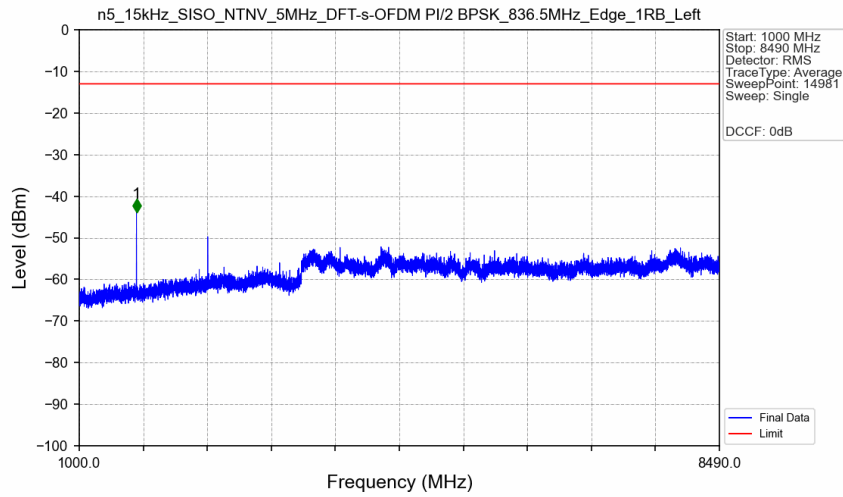
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.170	-36.55	-13	Pass
823	824	0.05181	CHP	2	823.990	-27.40	-13	Pass
824	829	0.05181	CHP	/	/	/	/	/

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_836.5MHz_Edge_1RB_Left_Ant1



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.350	-67.00	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	881.850	-53.19	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_836.5MHz_Edge_1RB_Left_Ant1



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1668.500	-43.85	-13	Pass