



Appendix A.24

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 15_S_5M_NTNV_EIRP

5G NR n2 SCS=15kHz SISO 5MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant0	Ant2	Sum	Ant0	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1852.5	Edge_1RB_Left	22.95	/	/	22.90	/	/	<=33.01	Pass
		Edge_1RB_Right	22.84	/	/	22.79	/	/	<=33.01	Pass
		Outer_Full	22.94	/	/	22.89	/	/	<=33.01	Pass
		Inner_Full	23.32	/	/	23.28	/	/	<=33.01	Pass
		Inner_1RB_Left	23.45	/	/	23.40	/	/	<=33.01	Pass
		Inner_1RB_Right	23.39	/	/	23.34	/	/	<=33.01	Pass
	1880	Edge_1RB_Left	23.02	/	/	22.97	/	/	<=33.01	Pass
		Edge_1RB_Right	22.85	/	/	22.80	/	/	<=33.01	Pass
		Outer_Full	22.91	/	/	22.86	/	/	<=33.01	Pass
		Inner_Full	23.43	/	/	23.38	/	/	<=33.01	Pass
		Inner_1RB_Left	23.47	/	/	23.42	/	/	<=33.01	Pass
		Inner_1RB_Right	23.41	/	/	23.36	/	/	<=33.01	Pass
	1907.5	Edge_1RB_Left	23.09	/	/	23.04	/	/	<=33.01	Pass
		Edge_1RB_Right	23.05	/	/	23.00	/	/	<=33.01	Pass
		Outer_Full	23.06	/	/	23.01	/	/	<=33.01	Pass
		Inner_Full	23.54	/	/	23.49	/	/	<=33.01	Pass
		Inner_1RB_Left	23.63	/	/	23.58	/	/	<=33.01	Pass
		Inner_1RB_Right	23.55	/	/	23.50	/	/	<=33.01	Pass
DFT-s-OFDM QPSK	1852.5	Edge_1RB_Left	21.54	/	/	21.49	/	/	<=33.01	Pass
		Edge_1RB_Right	21.53	/	/	21.48	/	/	<=33.01	Pass
		Outer_Full	21.47	/	/	21.42	/	/	<=33.01	Pass
		Inner_Full	22.58	/	/	22.53	/	/	<=33.01	Pass
		Inner_1RB_Left	22.63	/	/	22.58	/	/	<=33.01	Pass
		Inner_1RB_Right	22.55	/	/	22.50	/	/	<=33.01	Pass
	1880	Edge_1RB_Left	21.66	/	/	21.61	/	/	<=33.01	Pass
		Edge_1RB_Right	21.58	/	/	21.53	/	/	<=33.01	Pass
		Outer_Full	21.62	/	/	21.57	/	/	<=33.01	Pass
		Inner_Full	22.71	/	/	22.66	/	/	<=33.01	Pass
		Inner_1RB_Left	22.76	/	/	22.71	/	/	<=33.01	Pass
		Inner_1RB_Right	22.62	/	/	22.57	/	/	<=33.01	Pass
	1907.5	Edge_1RB_Left	21.62	/	/	21.57	/	/	<=33.01	Pass
		Edge_1RB_Right	21.57	/	/	21.52	/	/	<=33.01	Pass
		Outer_Full	21.70	/	/	21.65	/	/	<=33.01	Pass
		Inner_Full	22.59	/	/	22.54	/	/	<=33.01	Pass
		Inner_1RB_Left	22.65	/	/	22.60	/	/	<=33.01	Pass
		Inner_1RB_Right	22.61	/	/	22.56	/	/	<=33.01	Pass
DFT-s-OFDM 16 QAM	1852.5	Edge_1RB_Left	20.86	/	/	20.81	/	/	<=33.01	Pass
		Edge_1RB_Right	20.75	/	/	20.71	/	/	<=33.01	Pass
		Outer_Full	20.59	/	/	20.54	/	/	<=33.01	Pass
		Inner_Full	21.57	/	/	21.52	/	/	<=33.01	Pass

		Inner_1RB_Left	21.94	/	/	21.89	/	/	<=33.01	Pass
		Inner_1RB_Right	21.82	/	/	21.77	/	/	<=33.01	Pass
	1880	Edge_1RB_Left	20.93	/	/	20.88	/	/	<=33.01	Pass
		Edge_1RB_Right	20.77	/	/	20.72	/	/	<=33.01	Pass
		Outer_Full	20.69	/	/	20.64	/	/	<=33.01	Pass
		Inner_Full	21.59	/	/	21.54	/	/	<=33.01	Pass
		Inner_1RB_Left	21.98	/	/	21.94	/	/	<=33.01	Pass
		Inner_1RB_Right	21.84	/	/	21.79	/	/	<=33.01	Pass
	1907.5	Edge_1RB_Left	20.87	/	/	20.82	/	/	<=33.01	Pass
		Edge_1RB_Right	20.82	/	/	20.77	/	/	<=33.01	Pass
		Outer_Full	20.58	/	/	20.53	/	/	<=33.01	Pass
		Inner_Full	21.67	/	/	21.62	/	/	<=33.01	Pass
		Inner_1RB_Left	21.87	/	/	21.82	/	/	<=33.01	Pass
		Inner_1RB_Right	21.86	/	/	21.81	/	/	<=33.01	Pass
DFT-s-OFDM 64 QAM	1852.5	Edge_1RB_Left	20.33	/	/	20.28	/	/	<=33.01	Pass
		Edge_1RB_Right	20.29	/	/	20.24	/	/	<=33.01	Pass
		Outer_Full	20.11	/	/	20.06	/	/	<=33.01	Pass
		Inner_Full	20.10	/	/	20.05	/	/	<=33.01	Pass
		Inner_1RB_Left	20.21	/	/	20.16	/	/	<=33.01	Pass
		Inner_1RB_Right	20.29	/	/	20.24	/	/	<=33.01	Pass
	1880	Edge_1RB_Left	20.38	/	/	20.33	/	/	<=33.01	Pass
		Edge_1RB_Right	20.30	/	/	20.25	/	/	<=33.01	Pass
		Outer_Full	20.11	/	/	20.06	/	/	<=33.01	Pass
		Inner_Full	20.07	/	/	20.02	/	/	<=33.01	Pass
		Inner_1RB_Left	20.48	/	/	20.43	/	/	<=33.01	Pass
		Inner_1RB_Right	20.34	/	/	20.29	/	/	<=33.01	Pass
	1907.5	Edge_1RB_Left	20.33	/	/	20.28	/	/	<=33.01	Pass
		Edge_1RB_Right	20.28	/	/	20.23	/	/	<=33.01	Pass
		Outer_Full	20.09	/	/	20.04	/	/	<=33.01	Pass
		Inner_Full	20.01	/	/	19.96	/	/	<=33.01	Pass
		Inner_1RB_Left	20.30	/	/	20.25	/	/	<=33.01	Pass
		Inner_1RB_Right	20.35	/	/	20.30	/	/	<=33.01	Pass
DFT-s-OFDM 256 QAM	1852.5	Edge_1RB_Left	18.03	/	/	17.98	/	/	<=33.01	Pass
		Edge_1RB_Right	17.95	/	/	17.90	/	/	<=33.01	Pass
		Outer_Full	18.02	/	/	17.97	/	/	<=33.01	Pass
		Inner_Full	18.06	/	/	18.01	/	/	<=33.01	Pass
		Inner_1RB_Left	18.06	/	/	18.01	/	/	<=33.01	Pass
		Inner_1RB_Right	17.96	/	/	17.91	/	/	<=33.01	Pass
	1880	Edge_1RB_Left	13.25	/	/	13.20	/	/	<=33.01	Pass
		Edge_1RB_Right	18.13	/	/	18.08	/	/	<=33.01	Pass
		Outer_Full	18.43	/	/	18.38	/	/	<=33.01	Pass
		Inner_Full	18.39	/	/	18.34	/	/	<=33.01	Pass
		Inner_1RB_Left	18.41	/	/	18.36	/	/	<=33.01	Pass
		Inner_1RB_Right	18.33	/	/	18.28	/	/	<=33.01	Pass
	1907.5	Edge_1RB_Left	18.01	/	/	17.96	/	/	<=33.01	Pass
		Edge_1RB_Right	18.02	/	/	17.97	/	/	<=33.01	Pass
		Outer_Full	18.06	/	/	18.01	/	/	<=33.01	Pass
		Inner_Full	18.02	/	/	17.97	/	/	<=33.01	Pass
		Inner_1RB_Left	18.06	/	/	18.01	/	/	<=33.01	Pass
		Inner_1RB_Right	18.08	/	/	18.03	/	/	<=33.01	Pass
CP-OFDM QPSK	1852.5	Edge_1RB_Left	19.66	/	/	19.61	/	/	<=33.01	Pass
		Edge_1RB_Right	19.61	/	/	19.56	/	/	<=33.01	Pass
		Outer_Full	19.52	/	/	19.47	/	/	<=33.01	Pass

		Inner Full	21.14	/	/	21.10	/	/	<=33.01	Pass
		Inner 1RB Left	21.25	/	/	21.20	/	/	<=33.01	Pass
		Inner 1RB Right	21.22	/	/	21.17	/	/	<=33.01	Pass
	1880	Edge 1RB Left	19.75	/	/	19.70	/	/	<=33.01	Pass
		Edge 1RB Right	19.90	/	/	19.85	/	/	<=33.01	Pass
		Outer Full	19.91	/	/	19.86	/	/	<=33.01	Pass
		Inner Full	21.44	/	/	21.39	/	/	<=33.01	Pass
		Inner 1RB Left	21.60	/	/	21.55	/	/	<=33.01	Pass
		Inner 1RB Right	13.44	/	/	13.39	/	/	<=33.01	Pass
	1907.5	Edge 1RB Left	19.61	/	/	19.56	/	/	<=33.01	Pass
		Edge 1RB Right	19.56	/	/	19.51	/	/	<=33.01	Pass
		Outer Full	19.72	/	/	19.67	/	/	<=33.01	Pass
		Inner Full	21.25	/	/	21.20	/	/	<=33.01	Pass
		Inner 1RB Left	21.27	/	/	21.22	/	/	<=33.01	Pass
		Inner 1RB Right	21.41	/	/	21.36	/	/	<=33.01	Pass
CP-OFDM 16 QAM	1852.5	Edge 1RB Left	19.71	/	/	19.66	/	/	<=33.01	Pass
		Edge 1RB Right	19.68	/	/	19.63	/	/	<=33.01	Pass
		Outer Full	19.58	/	/	19.53	/	/	<=33.01	Pass
		Inner Full	20.59	/	/	20.54	/	/	<=33.01	Pass
		Inner 1RB Left	20.75	/	/	20.70	/	/	<=33.01	Pass
		Inner 1RB Right	20.75	/	/	20.70	/	/	<=33.01	Pass
	1880	Edge 1RB Left	20.08	/	/	20.03	/	/	<=33.01	Pass
		Edge 1RB Right	13.11	/	/	13.06	/	/	<=33.01	Pass
		Outer Full	19.95	/	/	19.90	/	/	<=33.01	Pass
		Inner Full	13.64	/	/	13.59	/	/	<=33.01	Pass
		Inner 1RB Left	21.09	/	/	21.04	/	/	<=33.01	Pass
		Inner 1RB Right	21.18	/	/	21.13	/	/	<=33.01	Pass
	1907.5	Edge 1RB Left	19.74	/	/	19.69	/	/	<=33.01	Pass
		Edge 1RB Right	19.75	/	/	19.70	/	/	<=33.01	Pass
		Outer Full	19.63	/	/	19.58	/	/	<=33.01	Pass
		Inner Full	20.80	/	/	20.75	/	/	<=33.01	Pass
		Inner 1RB Left	20.77	/	/	20.72	/	/	<=33.01	Pass
		Inner 1RB Right	20.79	/	/	20.74	/	/	<=33.01	Pass
CP-OFDM 64 QAM	1852.5	Edge 1RB Left	19.10	/	/	19.05	/	/	<=33.01	Pass
		Edge 1RB Right	19.18	/	/	19.13	/	/	<=33.01	Pass
		Outer Full	19.01	/	/	18.96	/	/	<=33.01	Pass
		Inner Full	19.02	/	/	18.97	/	/	<=33.01	Pass
		Inner 1RB Left	19.16	/	/	19.11	/	/	<=33.01	Pass
		Inner 1RB Right	19.26	/	/	19.21	/	/	<=33.01	Pass
	1880	Edge 1RB Left	19.61	/	/	19.56	/	/	<=33.01	Pass
		Edge 1RB Right	19.50	/	/	19.45	/	/	<=33.01	Pass
		Outer Full	19.36	/	/	19.31	/	/	<=33.01	Pass
		Inner Full	19.36	/	/	19.31	/	/	<=33.01	Pass
		Inner 1RB Left	19.64	/	/	19.59	/	/	<=33.01	Pass
		Inner 1RB Right	19.49	/	/	19.44	/	/	<=33.01	Pass
	1907.5	Edge 1RB Left	19.30	/	/	19.25	/	/	<=33.01	Pass
		Edge 1RB Right	19.31	/	/	19.26	/	/	<=33.01	Pass
		Outer Full	19.17	/	/	19.12	/	/	<=33.01	Pass
		Inner Full	19.03	/	/	18.98	/	/	<=33.01	Pass
		Inner 1RB Left	19.37	/	/	19.32	/	/	<=33.01	Pass
		Inner 1RB Right	19.35	/	/	19.30	/	/	<=33.01	Pass
CP-OFDM 256 QAM	1852.5	Edge 1RB Left	15.97	/	/	15.92	/	/	<=33.01	Pass
		Edge 1RB Right	16.09	/	/	16.04	/	/	<=33.01	Pass

		Outer Full	16.02	/	/	15.97	/	/	<=33.01	Pass
		Inner Full	16.07	/	/	16.02	/	/	<=33.01	Pass
		Inner 1RB Left	16.05	/	/	16.00	/	/	<=33.01	Pass
		Inner 1RB Right	15.99	/	/	15.94	/	/	<=33.01	Pass
	1880	Edge 1RB Left	16.34	/	/	16.29	/	/	<=33.01	Pass
		Edge 1RB Right	16.35	/	/	16.30	/	/	<=33.01	Pass
		Outer Full	16.37	/	/	16.32	/	/	<=33.01	Pass
		Inner Full	16.38	/	/	16.33	/	/	<=33.01	Pass
	1907.5	Inner 1RB Left	13.85	/	/	13.80	/	/	<=33.01	Pass
		Inner 1RB Right	16.35	/	/	16.30	/	/	<=33.01	Pass
		Edge 1RB Left	15.95	/	/	15.90	/	/	<=33.01	Pass
		Edge 1RB Right	16.11	/	/	16.06	/	/	<=33.01	Pass
		Outer Full	16.07	/	/	16.02	/	/	<=33.01	Pass
		Inner Full	16.08	/	/	16.03	/	/	<=33.01	Pass
		Inner 1RB Left	16.02	/	/	15.97	/	/	<=33.01	Pass
		Inner 1RB Right	16.04	/	/	15.99	/	/	<=33.01	Pass

Note1: Antenna Gain: Ant0: -0.05dBi;
Note2: EIRP=Conducted Power+Antenna Gain

1.1.2 15_S_10M_NTNV_EIRP

5G NR n2 SCS=15kHz SISO 10MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant0	Ant2	Sum	Ant0	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1855	Edge 1RB Left	22.96	/	/	22.91	/	/	<=33.01	Pass
		Edge 1RB Right	23.00	/	/	22.95	/	/	<=33.01	Pass
		Outer Full	23.10	/	/	23.05	/	/	<=33.01	Pass
		Inner Full	23.47	/	/	23.42	/	/	<=33.01	Pass
		Inner 1RB Left	23.57	/	/	23.52	/	/	<=33.01	Pass
		Inner 1RB Right	23.57	/	/	23.53	/	/	<=33.01	Pass
	1880	Edge 1RB Left	23.02	/	/	22.97	/	/	<=33.01	Pass
		Edge 1RB Right	22.81	/	/	22.76	/	/	<=33.01	Pass
		Outer Full	22.98	/	/	22.94	/	/	<=33.01	Pass
		Inner Full	23.37	/	/	23.32	/	/	<=33.01	Pass
		Inner 1RB Left	23.55	/	/	23.50	/	/	<=33.01	Pass
		Inner 1RB Right	23.39	/	/	23.34	/	/	<=33.01	Pass
	1905	Edge 1RB Left	23.05	/	/	23.00	/	/	<=33.01	Pass
		Edge 1RB Right	23.13	/	/	23.08	/	/	<=33.01	Pass
		Outer Full	23.08	/	/	23.03	/	/	<=33.01	Pass
		Inner Full	23.48	/	/	23.43	/	/	<=33.01	Pass
		Inner 1RB Left	23.63	/	/	23.58	/	/	<=33.01	Pass
		Inner 1RB Right	23.58	/	/	23.53	/	/	<=33.01	Pass
DFT-s-OFDM QPSK	1855	Edge 1RB Left	21.72	/	/	21.67	/	/	<=33.01	Pass
		Edge 1RB Right	21.60	/	/	21.55	/	/	<=33.01	Pass
		Outer Full	21.76	/	/	21.71	/	/	<=33.01	Pass
		Inner Full	22.62	/	/	22.57	/	/	<=33.01	Pass
		Inner 1RB Left	22.67	/	/	22.62	/	/	<=33.01	Pass
		Inner 1RB Right	22.70	/	/	22.65	/	/	<=33.01	Pass
	1880	Edge 1RB Left	13.63	/	/	13.58	/	/	<=33.01	Pass
		Edge 1RB Right	21.71	/	/	21.66	/	/	<=33.01	Pass
		Outer Full	13.77	/	/	13.72	/	/	<=33.01	Pass

		Inner Full	22.88	/	/	22.83	/	/	<=33.01	Pass
		Inner 1RB Left	13.73	/	/	13.68	/	/	<=33.01	Pass
		Inner 1RB Right	22.78	/	/	22.73	/	/	<=33.01	Pass
	1905	Edge 1RB Left	21.60	/	/	21.55	/	/	<=33.01	Pass
		Edge 1RB Right	21.69	/	/	21.64	/	/	<=33.01	Pass
		Outer Full	21.63	/	/	21.58	/	/	<=33.01	Pass
		Inner Full	22.68	/	/	22.63	/	/	<=33.01	Pass
		Inner 1RB Left	22.66	/	/	22.61	/	/	<=33.01	Pass
		Inner 1RB Right	22.75	/	/	22.70	/	/	<=33.01	Pass
DFT-s-OFDM 16 QAM	1855	Edge 1RB Left	20.88	/	/	20.83	/	/	<=33.01	Pass
		Edge 1RB Right	20.82	/	/	20.77	/	/	<=33.01	Pass
		Outer Full	20.66	/	/	20.61	/	/	<=33.01	Pass
		Inner Full	21.59	/	/	21.54	/	/	<=33.01	Pass
		Inner 1RB Left	21.94	/	/	21.89	/	/	<=33.01	Pass
		Inner 1RB Right	21.93	/	/	21.88	/	/	<=33.01	Pass
	1880	Edge 1RB Left	20.94	/	/	20.89	/	/	<=33.01	Pass
		Edge 1RB Right	20.78	/	/	20.73	/	/	<=33.01	Pass
		Outer Full	20.85	/	/	20.80	/	/	<=33.01	Pass
		Inner Full	21.81	/	/	21.76	/	/	<=33.01	Pass
		Inner 1RB Left	22.17	/	/	22.12	/	/	<=33.01	Pass
		Inner 1RB Right	21.87	/	/	21.82	/	/	<=33.01	Pass
	1905	Edge 1RB Left	20.60	/	/	20.55	/	/	<=33.01	Pass
		Edge 1RB Right	20.59	/	/	20.54	/	/	<=33.01	Pass
		Outer Full	20.69	/	/	20.64	/	/	<=33.01	Pass
		Inner Full	21.72	/	/	21.67	/	/	<=33.01	Pass
		Inner 1RB Left	21.94	/	/	21.89	/	/	<=33.01	Pass
		Inner 1RB Right	22.01	/	/	21.96	/	/	<=33.01	Pass
DFT-s-OFDM 64 QAM	1855	Edge 1RB Left	20.33	/	/	20.28	/	/	<=33.01	Pass
		Edge 1RB Right	20.31	/	/	20.26	/	/	<=33.01	Pass
		Outer Full	20.13	/	/	20.08	/	/	<=33.01	Pass
		Inner Full	20.08	/	/	20.03	/	/	<=33.01	Pass
		Inner 1RB Left	20.37	/	/	20.32	/	/	<=33.01	Pass
		Inner 1RB Right	20.41	/	/	20.36	/	/	<=33.01	Pass
	1880	Edge 1RB Left	20.50	/	/	20.45	/	/	<=33.01	Pass
		Edge 1RB Right	20.42	/	/	20.37	/	/	<=33.01	Pass
		Outer Full	20.33	/	/	20.28	/	/	<=33.01	Pass
		Inner Full	20.38	/	/	20.33	/	/	<=33.01	Pass
		Inner 1RB Left	20.65	/	/	20.60	/	/	<=33.01	Pass
		Inner 1RB Right	13.25	/	/	13.20	/	/	<=33.01	Pass
	1905	Edge 1RB Left	20.28	/	/	20.23	/	/	<=33.01	Pass
		Edge 1RB Right	20.40	/	/	20.35	/	/	<=33.01	Pass
		Outer Full	20.20	/	/	20.15	/	/	<=33.01	Pass
		Inner Full	20.17	/	/	20.12	/	/	<=33.01	Pass
		Inner 1RB Left	20.42	/	/	20.37	/	/	<=33.01	Pass
		Inner 1RB Right	20.48	/	/	20.43	/	/	<=33.01	Pass
DFT-s-OFDM 256 QAM	1855	Edge 1RB Left	18.00	/	/	17.95	/	/	<=33.01	Pass
		Edge 1RB Right	17.99	/	/	17.94	/	/	<=33.01	Pass
		Outer Full	18.12	/	/	18.07	/	/	<=33.01	Pass
		Inner Full	17.99	/	/	17.94	/	/	<=33.01	Pass
		Inner 1RB Left	18.03	/	/	17.98	/	/	<=33.01	Pass
		Inner 1RB Right	18.08	/	/	18.03	/	/	<=33.01	Pass
	1880	Edge 1RB Left	18.50	/	/	18.45	/	/	<=33.01	Pass
		Edge 1RB Right	13.02	/	/	12.97	/	/	<=33.01	Pass

		Outer_Full	18.43	/	/	18.38	/	/	<=33.01	Pass
		Inner_Full	13.78	/	/	13.73	/	/	<=33.01	Pass
		Inner_1RB_Left	18.51	/	/	18.46	/	/	<=33.01	Pass
		Inner_1RB_Right	18.22	/	/	18.17	/	/	<=33.01	Pass
	1905	Edge_1RB_Left	18.12	/	/	18.07	/	/	<=33.01	Pass
		Edge_1RB_Right	18.10	/	/	18.05	/	/	<=33.01	Pass
		Outer_Full	18.17	/	/	18.12	/	/	<=33.01	Pass
		Inner_Full	18.12	/	/	18.07	/	/	<=33.01	Pass
		Inner_1RB_Left	18.12	/	/	18.07	/	/	<=33.01	Pass
		Inner_1RB_Right	18.15	/	/	18.10	/	/	<=33.01	Pass
		Edge_1RB_Left	19.68	/	/	19.63	/	/	<=33.01	Pass
		Edge_1RB_Right	19.73	/	/	19.68	/	/	<=33.01	Pass
CP-OFDM QPSK	1855	Outer_Full	19.69	/	/	19.64	/	/	<=33.01	Pass
		Inner_Full	21.14	/	/	21.09	/	/	<=33.01	Pass
		Inner_1RB_Left	21.36	/	/	21.31	/	/	<=33.01	Pass
		Inner_1RB_Right	21.25	/	/	21.21	/	/	<=33.01	Pass
	1880	Edge_1RB_Left	13.35	/	/	13.30	/	/	<=33.01	Pass
		Edge_1RB_Right	12.76	/	/	12.71	/	/	<=33.01	Pass
		Outer_Full	19.82	/	/	19.77	/	/	<=33.01	Pass
		Inner_Full	21.35	/	/	21.30	/	/	<=33.01	Pass
		Inner_1RB_Left	13.95	/	/	13.90	/	/	<=33.01	Pass
		Inner_1RB_Right	21.38	/	/	21.33	/	/	<=33.01	Pass
	1905	Edge_1RB_Left	19.60	/	/	19.55	/	/	<=33.01	Pass
		Edge_1RB_Right	19.82	/	/	19.77	/	/	<=33.01	Pass
		Outer_Full	19.67	/	/	19.62	/	/	<=33.01	Pass
		Inner_Full	21.20	/	/	21.15	/	/	<=33.01	Pass
		Inner_1RB_Left	21.37	/	/	21.32	/	/	<=33.01	Pass
		Inner_1RB_Right	21.39	/	/	21.34	/	/	<=33.01	Pass
CP-OFDM 16 QAM	1855	Edge_1RB_Left	19.75	/	/	19.70	/	/	<=33.01	Pass
		Edge_1RB_Right	19.79	/	/	19.74	/	/	<=33.01	Pass
		Outer_Full	19.61	/	/	19.56	/	/	<=33.01	Pass
		Inner_Full	20.54	/	/	20.49	/	/	<=33.01	Pass
		Inner_1RB_Left	21.03	/	/	20.98	/	/	<=33.01	Pass
		Inner_1RB_Right	21.05	/	/	21.00	/	/	<=33.01	Pass
	1880	Edge_1RB_Left	20.14	/	/	20.09	/	/	<=33.01	Pass
		Edge_1RB_Right	19.99	/	/	19.94	/	/	<=33.01	Pass
		Outer_Full	19.94	/	/	19.89	/	/	<=33.01	Pass
		Inner_Full	20.83	/	/	20.78	/	/	<=33.01	Pass
		Inner_1RB_Left	21.42	/	/	21.37	/	/	<=33.01	Pass
		Inner_1RB_Right	13.30	/	/	13.25	/	/	<=33.01	Pass
	1905	Edge_1RB_Left	19.79	/	/	19.74	/	/	<=33.01	Pass
		Edge_1RB_Right	19.85	/	/	19.80	/	/	<=33.01	Pass
		Outer_Full	19.68	/	/	19.63	/	/	<=33.01	Pass
		Inner_Full	20.58	/	/	20.53	/	/	<=33.01	Pass
		Inner_1RB_Left	20.84	/	/	20.79	/	/	<=33.01	Pass
		Inner_1RB_Right	20.86	/	/	20.81	/	/	<=33.01	Pass
CP-OFDM 64 QAM	1855	Edge_1RB_Left	19.28	/	/	19.23	/	/	<=33.01	Pass
		Edge_1RB_Right	19.29	/	/	19.24	/	/	<=33.01	Pass
		Outer_Full	19.13	/	/	19.08	/	/	<=33.01	Pass
		Inner_Full	19.15	/	/	19.10	/	/	<=33.01	Pass
		Inner_1RB_Left	19.36	/	/	19.31	/	/	<=33.01	Pass
		Inner_1RB_Right	19.25	/	/	19.20	/	/	<=33.01	Pass
	1880	Edge_1RB_Left	19.71	/	/	19.66	/	/	<=33.01	Pass

		Edge_1RB_Right	19.50	/	/	19.45	/	/	<=33.01	Pass
		Outer_Full	13.69	/	/	13.64	/	/	<=33.01	Pass
		Inner_Full	19.44	/	/	19.39	/	/	<=33.01	Pass
		Inner_1RB_Left	13.90	/	/	13.85	/	/	<=33.01	Pass
		Inner_1RB_Right	19.47	/	/	19.42	/	/	<=33.01	Pass
	1905	Edge_1RB_Left	19.21	/	/	19.17	/	/	<=33.01	Pass
		Edge_1RB_Right	19.37	/	/	19.32	/	/	<=33.01	Pass
		Outer_Full	19.21	/	/	19.16	/	/	<=33.01	Pass
		Inner_Full	19.22	/	/	19.17	/	/	<=33.01	Pass
		Inner_1RB_Left	19.36	/	/	19.31	/	/	<=33.01	Pass
	Inner_1RB_Right	19.40	/	/	19.35	/	/	<=33.01	Pass	
CP-OFDM 256 QAM	1855	Edge_1RB_Left	15.99	/	/	15.94	/	/	<=33.01	Pass
		Edge_1RB_Right	16.02	/	/	15.97	/	/	<=33.01	Pass
		Outer_Full	16.13	/	/	16.08	/	/	<=33.01	Pass
		Inner_Full	16.06	/	/	16.01	/	/	<=33.01	Pass
		Inner_1RB_Left	16.15	/	/	16.10	/	/	<=33.01	Pass
		Inner_1RB_Right	16.09	/	/	16.04	/	/	<=33.01	Pass
	1880	Edge_1RB_Left	16.34	/	/	16.29	/	/	<=33.01	Pass
		Edge_1RB_Right	12.69	/	/	12.64	/	/	<=33.01	Pass
		Outer_Full	16.40	/	/	16.35	/	/	<=33.01	Pass
		Inner_Full	14.10	/	/	14.05	/	/	<=33.01	Pass
		Inner_1RB_Left	13.62	/	/	13.57	/	/	<=33.01	Pass
		Inner_1RB_Right	16.16	/	/	16.11	/	/	<=33.01	Pass
	1905	Edge_1RB_Left	16.07	/	/	16.02	/	/	<=33.01	Pass
		Edge_1RB_Right	16.11	/	/	16.06	/	/	<=33.01	Pass
		Outer_Full	16.20	/	/	16.15	/	/	<=33.01	Pass
		Inner_Full	16.14	/	/	16.09	/	/	<=33.01	Pass
		Inner_1RB_Left	16.18	/	/	16.13	/	/	<=33.01	Pass
		Inner_1RB_Right	16.20	/	/	16.15	/	/	<=33.01	Pass
Note1: Antenna Gain: Ant0: -0.05dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.3 15_S_15M_NTNV_EIRP

5G NR n2 SCS=15kHz SISO 15MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)			Limit	Verdict
			Ant0	Ant2	Sum	Ant0	Ant2	Sum		
DFT-s-OFDM PI/2 BPSK	1857.5	Edge 1RB Left	22.90	/	/	22.85	/	/	<=33.01	Pass
		Edge 1RB Right	22.90	/	/	22.85	/	/	<=33.01	Pass
		Outer Full	23.12	/	/	23.07	/	/	<=33.01	Pass
		Inner Full	23.47	/	/	23.42	/	/	<=33.01	Pass
		Inner 1RB Left	23.41	/	/	23.36	/	/	<=33.01	Pass
		Inner 1RB Right	23.50	/	/	23.45	/	/	<=33.01	Pass
	1880	Edge 1RB Left	22.94	/	/	22.89	/	/	<=33.01	Pass
		Edge 1RB Right	22.75	/	/	22.70	/	/	<=33.01	Pass
		Outer Full	23.00	/	/	22.95	/	/	<=33.01	Pass
		Inner Full	23.36	/	/	23.31	/	/	<=33.01	Pass
		Inner 1RB Left	23.42	/	/	23.37	/	/	<=33.01	Pass
		Inner 1RB Right	23.43	/	/	23.38	/	/	<=33.01	Pass
	1902.5	Edge 1RB Left	22.82	/	/	22.77	/	/	<=33.01	Pass
		Edge 1RB Right	22.98	/	/	22.93	/	/	<=33.01	Pass

DFT-s-OFDM QPSK		Outer_Full	23.13	/	/	23.08	/	/	<=33.01	Pass
		Inner_Full	23.50	/	/	23.45	/	/	<=33.01	Pass
		Inner_1RB_Left	23.41	/	/	23.37	/	/	<=33.01	Pass
		Inner_1RB_Right	23.49	/	/	23.44	/	/	<=33.01	Pass
	1857.5	Edge_1RB_Left	21.52	/	/	21.47	/	/	<=33.01	Pass
		Edge_1RB_Right	21.74	/	/	21.69	/	/	<=33.01	Pass
		Outer_Full	21.72	/	/	21.67	/	/	<=33.01	Pass
		Inner_Full	22.79	/	/	22.74	/	/	<=33.01	Pass
	1880	Inner_1RB_Left	22.69	/	/	22.64	/	/	<=33.01	Pass
		Inner_1RB_Right	22.77	/	/	22.72	/	/	<=33.01	Pass
		Edge_1RB_Left	21.61	/	/	21.56	/	/	<=33.01	Pass
		Edge_1RB_Right	21.32	/	/	21.27	/	/	<=33.01	Pass
DFT-s-OFDM 16 QAM	1880	Outer_Full	21.76	/	/	21.71	/	/	<=33.01	Pass
		Inner_Full	22.72	/	/	22.67	/	/	<=33.01	Pass
		Inner_1RB_Left	22.59	/	/	22.54	/	/	<=33.01	Pass
		Inner_1RB_Right	22.44	/	/	22.39	/	/	<=33.01	Pass
	1902.5	Edge_1RB_Left	21.52	/	/	21.48	/	/	<=33.01	Pass
		Edge_1RB_Right	21.61	/	/	21.56	/	/	<=33.01	Pass
		Outer_Full	21.79	/	/	21.74	/	/	<=33.01	Pass
		Inner_Full	22.68	/	/	22.63	/	/	<=33.01	Pass
	1857.5	Inner_1RB_Left	22.54	/	/	22.49	/	/	<=33.01	Pass
		Inner_1RB_Right	22.57	/	/	22.52	/	/	<=33.01	Pass
		Edge_1RB_Left	20.75	/	/	20.71	/	/	<=33.01	Pass
		Edge_1RB_Right	20.89	/	/	20.84	/	/	<=33.01	Pass
DFT-s-OFDM 64 QAM	1857.5	Outer_Full	20.76	/	/	20.71	/	/	<=33.01	Pass
		Inner_Full	21.85	/	/	21.80	/	/	<=33.01	Pass
		Inner_1RB_Left	21.94	/	/	21.89	/	/	<=33.01	Pass
		Inner_1RB_Right	21.95	/	/	21.90	/	/	<=33.01	Pass
	1880	Edge_1RB_Left	20.56	/	/	20.51	/	/	<=33.01	Pass
		Edge_1RB_Right	20.65	/	/	20.60	/	/	<=33.01	Pass
		Outer_Full	20.67	/	/	20.62	/	/	<=33.01	Pass
		Inner_Full	21.74	/	/	21.69	/	/	<=33.01	Pass
	1902.5	Inner_1RB_Left	21.88	/	/	21.83	/	/	<=33.01	Pass
		Inner_1RB_Right	21.74	/	/	21.69	/	/	<=33.01	Pass
		Edge_1RB_Left	20.67	/	/	20.62	/	/	<=33.01	Pass
		Edge_1RB_Right	20.76	/	/	20.71	/	/	<=33.01	Pass
DFT-s-OFDM 64 QAM	1857.5	Outer_Full	20.62	/	/	20.57	/	/	<=33.01	Pass
		Inner_Full	21.80	/	/	21.75	/	/	<=33.01	Pass
		Inner_1RB_Left	21.78	/	/	21.73	/	/	<=33.01	Pass
		Inner_1RB_Right	21.83	/	/	21.78	/	/	<=33.01	Pass
	1880	Edge_1RB_Left	20.33	/	/	20.28	/	/	<=33.01	Pass
		Edge_1RB_Right	20.28	/	/	20.23	/	/	<=33.01	Pass
		Outer_Full	20.21	/	/	20.16	/	/	<=33.01	Pass
		Inner_Full	20.23	/	/	20.18	/	/	<=33.01	Pass
	1902.5	Inner_1RB_Left	20.39	/	/	20.34	/	/	<=33.01	Pass
		Inner_1RB_Right	20.43	/	/	20.38	/	/	<=33.01	Pass
		Edge_1RB_Left	20.25	/	/	20.20	/	/	<=33.01	Pass
		Edge_1RB_Right	20.14	/	/	20.09	/	/	<=33.01	Pass
DFT-s-OFDM 64 QAM	1880	Outer_Full	20.17	/	/	20.12	/	/	<=33.01	Pass
		Inner_Full	20.14	/	/	20.09	/	/	<=33.01	Pass
		Inner_1RB_Left	20.31	/	/	20.26	/	/	<=33.01	Pass
		Inner_1RB_Right	20.20	/	/	20.15	/	/	<=33.01	Pass
	1902.5	Edge_1RB_Left	20.13	/	/	20.08	/	/	<=33.01	Pass

		Edge 1RB Right	20.32	/	/	20.27	/	/	<=33.01	Pass
		Outer Full	20.12	/	/	20.07	/	/	<=33.01	Pass
		Inner Full	20.09	/	/	20.04	/	/	<=33.01	Pass
		Inner 1RB Left	20.11	/	/	20.06	/	/	<=33.01	Pass
		Inner 1RB Right	20.23	/	/	20.18	/	/	<=33.01	Pass
DFT-s-OFDM 256 QAM	1857.5	Edge 1RB Left	18.02	/	/	17.97	/	/	<=33.01	Pass
		Edge 1RB Right	18.05	/	/	18.01	/	/	<=33.01	Pass
		Outer Full	18.27	/	/	18.22	/	/	<=33.01	Pass
		Inner Full	18.21	/	/	18.16	/	/	<=33.01	Pass
		Inner 1RB Left	18.06	/	/	18.01	/	/	<=33.01	Pass
		Inner 1RB Right	18.08	/	/	18.03	/	/	<=33.01	Pass
	1880	Edge 1RB Left	18.34	/	/	18.29	/	/	<=33.01	Pass
		Edge 1RB Right	12.61	/	/	12.56	/	/	<=33.01	Pass
		Outer Full	18.62	/	/	18.57	/	/	<=33.01	Pass
		Inner Full	18.32	/	/	18.27	/	/	<=33.01	Pass
		Inner 1RB Left	18.38	/	/	18.33	/	/	<=33.01	Pass
		Inner 1RB Right	12.70	/	/	12.65	/	/	<=33.01	Pass
	1902.5	Edge 1RB Left	18.08	/	/	18.03	/	/	<=33.01	Pass
		Edge 1RB Right	18.08	/	/	18.03	/	/	<=33.01	Pass
		Outer Full	18.23	/	/	18.18	/	/	<=33.01	Pass
		Inner Full	18.21	/	/	18.16	/	/	<=33.01	Pass
		Inner 1RB Left	18.10	/	/	18.05	/	/	<=33.01	Pass
		Inner 1RB Right	18.13	/	/	18.08	/	/	<=33.01	Pass
CP-OFDM QPSK	1857.5	Edge 1RB Left	19.67	/	/	19.62	/	/	<=33.01	Pass
		Edge 1RB Right	19.88	/	/	19.83	/	/	<=33.01	Pass
		Outer Full	19.67	/	/	19.62	/	/	<=33.01	Pass
		Inner Full	21.24	/	/	21.19	/	/	<=33.01	Pass
		Inner 1RB Left	21.41	/	/	21.36	/	/	<=33.01	Pass
		Inner 1RB Right	21.35	/	/	21.30	/	/	<=33.01	Pass
	1880	Edge 1RB Left	13.43	/	/	13.38	/	/	<=33.01	Pass
		Edge 1RB Right	19.77	/	/	19.72	/	/	<=33.01	Pass
		Outer Full	19.97	/	/	19.92	/	/	<=33.01	Pass
		Inner Full	13.76	/	/	13.71	/	/	<=33.01	Pass
		Inner 1RB Left	21.48	/	/	21.43	/	/	<=33.01	Pass
		Inner 1RB Right	21.39	/	/	21.34	/	/	<=33.01	Pass
	1902.5	Edge 1RB Left	19.55	/	/	19.51	/	/	<=33.01	Pass
		Edge 1RB Right	19.76	/	/	19.71	/	/	<=33.01	Pass
		Outer Full	19.65	/	/	19.60	/	/	<=33.01	Pass
		Inner Full	21.25	/	/	21.20	/	/	<=33.01	Pass
		Inner 1RB Left	21.26	/	/	21.21	/	/	<=33.01	Pass
		Inner 1RB Right	21.43	/	/	21.38	/	/	<=33.01	Pass
CP-OFDM 16 QAM	1857.5	Edge 1RB Left	19.81	/	/	19.76	/	/	<=33.01	Pass
		Edge 1RB Right	19.90	/	/	19.85	/	/	<=33.01	Pass
		Outer Full	19.75	/	/	19.70	/	/	<=33.01	Pass
		Inner Full	20.70	/	/	20.65	/	/	<=33.01	Pass
		Inner 1RB Left	20.67	/	/	20.62	/	/	<=33.01	Pass
		Inner 1RB Right	20.80	/	/	20.75	/	/	<=33.01	Pass
	1880	Edge 1RB Left	20.11	/	/	20.06	/	/	<=33.01	Pass
		Edge 1RB Right	19.98	/	/	19.93	/	/	<=33.01	Pass
		Outer Full	13.23	/	/	13.18	/	/	<=33.01	Pass
		Inner Full	20.77	/	/	20.72	/	/	<=33.01	Pass
		Inner 1RB Left	21.00	/	/	20.95	/	/	<=33.01	Pass
		Inner 1RB Right	21.13	/	/	21.08	/	/	<=33.01	Pass

	1902.5	Edge_1RB_Left	19.52	/	/	19.47	/	/	<=33.01	Pass
		Edge_1RB_Right	19.68	/	/	19.63	/	/	<=33.01	Pass
		Outer_Full	19.64	/	/	19.59	/	/	<=33.01	Pass
		Inner_Full	20.59	/	/	20.54	/	/	<=33.01	Pass
		Inner_1RB_Left	20.59	/	/	20.54	/	/	<=33.01	Pass
		Inner_1RB_Right	20.83	/	/	20.78	/	/	<=33.01	Pass
CP-OFDM 64 QAM	1857.5	Edge_1RB_Left	19.21	/	/	19.16	/	/	<=33.01	Pass
		Edge_1RB_Right	19.35	/	/	19.30	/	/	<=33.01	Pass
		Outer_Full	19.23	/	/	19.18	/	/	<=33.01	Pass
		Inner_Full	19.18	/	/	19.13	/	/	<=33.01	Pass
		Inner_1RB_Left	19.29	/	/	19.24	/	/	<=33.01	Pass
		Inner_1RB_Right	19.39	/	/	19.34	/	/	<=33.01	Pass
	1880	Edge_1RB_Left	19.48	/	/	19.43	/	/	<=33.01	Pass
		Edge_1RB_Right	19.44	/	/	19.39	/	/	<=33.01	Pass
		Outer_Full	13.44	/	/	13.39	/	/	<=33.01	Pass
		Inner_Full	13.74	/	/	13.69	/	/	<=33.01	Pass
		Inner_1RB_Left	13.64	/	/	13.59	/	/	<=33.01	Pass
		Inner_1RB_Right	19.53	/	/	19.48	/	/	<=33.01	Pass
	1902.5	Edge_1RB_Left	19.06	/	/	19.01	/	/	<=33.01	Pass
		Edge_1RB_Right	19.29	/	/	19.24	/	/	<=33.01	Pass
		Outer_Full	19.22	/	/	19.17	/	/	<=33.01	Pass
		Inner_Full	19.21	/	/	19.16	/	/	<=33.01	Pass
		Inner_1RB_Left	19.13	/	/	19.08	/	/	<=33.01	Pass
		Inner_1RB_Right	19.39	/	/	19.34	/	/	<=33.01	Pass
CP-OFDM 256 QAM	1857.5	Edge_1RB_Left	16.01	/	/	15.96	/	/	<=33.01	Pass
		Edge_1RB_Right	16.11	/	/	16.06	/	/	<=33.01	Pass
		Outer_Full	16.23	/	/	16.18	/	/	<=33.01	Pass
		Inner_Full	16.19	/	/	16.14	/	/	<=33.01	Pass
		Inner_1RB_Left	16.09	/	/	16.04	/	/	<=33.01	Pass
		Inner_1RB_Right	16.13	/	/	16.08	/	/	<=33.01	Pass
	1880	Edge_1RB_Left	16.47	/	/	16.42	/	/	<=33.01	Pass
		Edge_1RB_Right	16.25	/	/	16.20	/	/	<=33.01	Pass
		Outer_Full	13.40	/	/	13.35	/	/	<=33.01	Pass
		Inner_Full	16.51	/	/	16.46	/	/	<=33.01	Pass
		Inner_1RB_Left	16.44	/	/	16.39	/	/	<=33.01	Pass
		Inner_1RB_Right	16.35	/	/	16.30	/	/	<=33.01	Pass
	1902.5	Edge_1RB_Left	16.01	/	/	15.96	/	/	<=33.01	Pass
		Edge_1RB_Right	16.15	/	/	16.10	/	/	<=33.01	Pass
		Outer_Full	16.28	/	/	16.23	/	/	<=33.01	Pass
		Inner_Full	16.19	/	/	16.14	/	/	<=33.01	Pass
		Inner_1RB_Left	16.15	/	/	16.10	/	/	<=33.01	Pass
		Inner_1RB_Right	16.18	/	/	16.13	/	/	<=33.01	Pass
Note1: Antenna Gain: Ant0: -0.05dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.4 15_S_20M_NTNV_EIRP

5G NR n2 SCS=15kHz SISO 20MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant0	Ant2	Sum	Ant0	Ant2	Sum	Limit	
DFT-s-OFDM PI/2	1860	Edge_1RB_Left	22.73	/	/	22.68	/	/	<=33.01	Pass

BPSK		Edge_1RB_Right	22.89	/	/	22.85	/	/	<=33.01	Pass
		Outer_Full	23.07	/	/	23.02	/	/	<=33.01	Pass
		Inner_Full	23.52	/	/	23.47	/	/	<=33.01	Pass
		Inner_1RB_Left	23.32	/	/	23.27	/	/	<=33.01	Pass
	1880	Inner_1RB_Right	23.39	/	/	23.34	/	/	<=33.01	Pass
		Edge_1RB_Left	22.86	/	/	22.81	/	/	<=33.01	Pass
		Edge_1RB_Right	22.84	/	/	22.79	/	/	<=33.01	Pass
		Outer_Full	22.96	/	/	22.92	/	/	<=33.01	Pass
	1900	Inner_Full	23.41	/	/	23.36	/	/	<=33.01	Pass
		Inner_1RB_Left	23.52	/	/	23.47	/	/	<=33.01	Pass
		Inner_1RB_Right	23.31	/	/	23.26	/	/	<=33.01	Pass
		Edge_1RB_Left	22.80	/	/	22.75	/	/	<=33.01	Pass
	1900	Edge_1RB_Right	23.02	/	/	22.97	/	/	<=33.01	Pass
		Outer_Full	23.04	/	/	22.99	/	/	<=33.01	Pass
		Inner_Full	23.37	/	/	23.32	/	/	<=33.01	Pass
		Inner_1RB_Left	23.26	/	/	23.21	/	/	<=33.01	Pass
		Inner_1RB_Right	23.42	/	/	23.37	/	/	<=33.01	Pass
DFT-s-OFDM QPSK	1860	Edge_1RB_Left	21.59	/	/	21.54	/	/	<=33.01	Pass
		Edge_1RB_Right	21.73	/	/	21.68	/	/	<=33.01	Pass
		Outer_Full	21.77	/	/	21.72	/	/	<=33.01	Pass
		Inner_Full	22.69	/	/	22.64	/	/	<=33.01	Pass
	1880	Inner_1RB_Left	22.59	/	/	22.55	/	/	<=33.01	Pass
		Inner_1RB_Right	22.78	/	/	22.73	/	/	<=33.01	Pass
		Edge_1RB_Left	21.73	/	/	21.69	/	/	<=33.01	Pass
		Edge_1RB_Right	21.57	/	/	21.52	/	/	<=33.01	Pass
	1900	Outer_Full	21.77	/	/	21.72	/	/	<=33.01	Pass
		Inner_Full	22.78	/	/	22.73	/	/	<=33.01	Pass
		Inner_1RB_Left	22.73	/	/	22.68	/	/	<=33.01	Pass
		Inner_1RB_Right	22.57	/	/	22.52	/	/	<=33.01	Pass
	1900	Edge_1RB_Left	21.48	/	/	21.43	/	/	<=33.01	Pass
		Edge_1RB_Right	21.69	/	/	21.64	/	/	<=33.01	Pass
		Outer_Full	21.75	/	/	21.70	/	/	<=33.01	Pass
		Inner_Full	22.76	/	/	22.71	/	/	<=33.01	Pass
DFT-s-OFDM 16 QAM	1860	Inner_1RB_Left	22.47	/	/	22.42	/	/	<=33.01	Pass
		Inner_1RB_Right	22.57	/	/	22.53	/	/	<=33.01	Pass
	1880	Edge_1RB_Left	20.75	/	/	20.71	/	/	<=33.01	Pass
		Edge_1RB_Right	20.89	/	/	20.84	/	/	<=33.01	Pass
		Outer_Full	20.87	/	/	20.82	/	/	<=33.01	Pass
		Inner_Full	21.87	/	/	21.82	/	/	<=33.01	Pass
	1900	Inner_1RB_Left	21.85	/	/	21.80	/	/	<=33.01	Pass
		Inner_1RB_Right	21.97	/	/	21.92	/	/	<=33.01	Pass
	1880	Edge_1RB_Left	20.88	/	/	20.83	/	/	<=33.01	Pass
		Edge_1RB_Right	20.78	/	/	20.73	/	/	<=33.01	Pass
		Outer_Full	20.77	/	/	20.72	/	/	<=33.01	Pass
		Inner_Full	21.74	/	/	21.69	/	/	<=33.01	Pass
	1900	Inner_1RB_Left	21.97	/	/	21.92	/	/	<=33.01	Pass
		Inner_1RB_Right	21.82	/	/	21.78	/	/	<=33.01	Pass
		Edge_1RB_Left	20.93	/	/	20.88	/	/	<=33.01	Pass
		Edge_1RB_Right	20.86	/	/	20.81	/	/	<=33.01	Pass
	1900	Outer_Full	20.73	/	/	20.68	/	/	<=33.01	Pass
		Inner_Full	21.72	/	/	21.67	/	/	<=33.01	Pass
		Inner_1RB_Left	21.81	/	/	21.76	/	/	<=33.01	Pass
		Inner_1RB_Right	21.92	/	/	21.87	/	/	<=33.01	Pass

DFT-s-OFDM 64 QAM	1860	Edge_1RB_Left	20.32	/	/	20.27	/	/	<=33.01	Pass
		Edge_1RB_Right	20.37	/	/	20.32	/	/	<=33.01	Pass
		Outer_Full	20.35	/	/	20.30	/	/	<=33.01	Pass
		Inner_Full	20.34	/	/	20.29	/	/	<=33.01	Pass
		Inner_1RB_Left	20.29	/	/	20.24	/	/	<=33.01	Pass
		Inner_1RB_Right	20.33	/	/	20.28	/	/	<=33.01	Pass
	1880	Edge_1RB_Left	20.36	/	/	20.31	/	/	<=33.01	Pass
		Edge_1RB_Right	20.15	/	/	20.10	/	/	<=33.01	Pass
		Outer_Full	20.25	/	/	20.20	/	/	<=33.01	Pass
		Inner_Full	20.25	/	/	20.20	/	/	<=33.01	Pass
		Inner_1RB_Left	20.42	/	/	20.37	/	/	<=33.01	Pass
		Inner_1RB_Right	20.12	/	/	20.07	/	/	<=33.01	Pass
	1900	Edge_1RB_Left	20.23	/	/	20.18	/	/	<=33.01	Pass
		Edge_1RB_Right	20.32	/	/	20.27	/	/	<=33.01	Pass
		Outer_Full	20.20	/	/	20.15	/	/	<=33.01	Pass
		Inner_Full	20.20	/	/	20.15	/	/	<=33.01	Pass
		Inner_1RB_Left	20.28	/	/	20.23	/	/	<=33.01	Pass
		Inner_1RB_Right	20.41	/	/	20.36	/	/	<=33.01	Pass
DFT-s-OFDM 256 QAM	1860	Edge_1RB_Left	17.93	/	/	17.88	/	/	<=33.01	Pass
		Edge_1RB_Right	18.14	/	/	18.09	/	/	<=33.01	Pass
		Outer_Full	18.32	/	/	18.27	/	/	<=33.01	Pass
		Inner_Full	18.31	/	/	18.26	/	/	<=33.01	Pass
		Inner_1RB_Left	18.12	/	/	18.07	/	/	<=33.01	Pass
		Inner_1RB_Right	18.16	/	/	18.11	/	/	<=33.01	Pass
	1880	Edge_1RB_Left	18.46	/	/	18.42	/	/	<=33.01	Pass
		Edge_1RB_Right	18.26	/	/	18.21	/	/	<=33.01	Pass
		Outer_Full	18.56	/	/	18.51	/	/	<=33.01	Pass
		Inner_Full	18.50	/	/	18.45	/	/	<=33.01	Pass
		Inner_1RB_Left	18.48	/	/	18.43	/	/	<=33.01	Pass
		Inner_1RB_Right	18.38	/	/	18.33	/	/	<=33.01	Pass
	1900	Edge_1RB_Left	17.94	/	/	17.89	/	/	<=33.01	Pass
		Edge_1RB_Right	18.03	/	/	17.98	/	/	<=33.01	Pass
		Outer_Full	18.23	/	/	18.18	/	/	<=33.01	Pass
		Inner_Full	18.29	/	/	18.24	/	/	<=33.01	Pass
		Inner_1RB_Left	17.97	/	/	17.92	/	/	<=33.01	Pass
		Inner_1RB_Right	18.16	/	/	18.11	/	/	<=33.01	Pass
CP-OFDM QPSK	1860	Edge_1RB_Left	19.75	/	/	19.70	/	/	<=33.01	Pass
		Edge_1RB_Right	19.80	/	/	19.75	/	/	<=33.01	Pass
		Outer_Full	19.74	/	/	19.69	/	/	<=33.01	Pass
		Inner_Full	21.35	/	/	21.30	/	/	<=33.01	Pass
		Inner_1RB_Left	21.33	/	/	21.28	/	/	<=33.01	Pass
		Inner_1RB_Right	21.41	/	/	21.36	/	/	<=33.01	Pass
	1880	Edge_1RB_Left	19.85	/	/	19.80	/	/	<=33.01	Pass
		Edge_1RB_Right	19.75	/	/	19.70	/	/	<=33.01	Pass
		Outer_Full	19.97	/	/	19.92	/	/	<=33.01	Pass
		Inner_Full	21.40	/	/	21.35	/	/	<=33.01	Pass
		Inner_1RB_Left	21.59	/	/	21.54	/	/	<=33.01	Pass
		Inner_1RB_Right	21.48	/	/	21.44	/	/	<=33.01	Pass
	1900	Edge_1RB_Left	19.63	/	/	19.58	/	/	<=33.01	Pass
		Edge_1RB_Right	19.84	/	/	19.79	/	/	<=33.01	Pass
		Outer_Full	19.77	/	/	19.72	/	/	<=33.01	Pass
		Inner_Full	21.20	/	/	21.15	/	/	<=33.01	Pass
		Inner_1RB_Left	21.31	/	/	21.26	/	/	<=33.01	Pass

CP-OFDM 16 QAM	1860	Inner 1RB Right	21.46	/	/	21.41	/	/	<=33.01	Pass
		Edge 1RB Left	19.62	/	/	19.57	/	/	<=33.01	Pass
		Edge 1RB Right	19.86	/	/	19.81	/	/	<=33.01	Pass
		Outer Full	19.77	/	/	19.72	/	/	<=33.01	Pass
		Inner Full	20.88	/	/	20.83	/	/	<=33.01	Pass
		Inner 1RB Left	20.75	/	/	20.70	/	/	<=33.01	Pass
	1880	Inner 1RB Right	20.90	/	/	20.85	/	/	<=33.01	Pass
		Edge 1RB Left	20.05	/	/	20.00	/	/	<=33.01	Pass
		Edge 1RB Right	19.98	/	/	19.93	/	/	<=33.01	Pass
		Outer Full	13.56	/	/	13.51	/	/	<=33.01	Pass
		Inner Full	13.82	/	/	13.77	/	/	<=33.01	Pass
		Inner 1RB Left	13.57	/	/	13.52	/	/	<=33.01	Pass
	1900	Inner 1RB Right	21.19	/	/	21.14	/	/	<=33.01	Pass
		Edge 1RB Left	19.58	/	/	19.53	/	/	<=33.01	Pass
		Edge 1RB Right	19.88	/	/	19.83	/	/	<=33.01	Pass
		Outer Full	19.73	/	/	19.68	/	/	<=33.01	Pass
		Inner Full	20.75	/	/	20.70	/	/	<=33.01	Pass
		Inner 1RB Left	20.65	/	/	20.60	/	/	<=33.01	Pass
CP-OFDM 64 QAM	1860	Inner 1RB Right	20.87	/	/	20.82	/	/	<=33.01	Pass
		Edge 1RB Left	19.21	/	/	19.16	/	/	<=33.01	Pass
		Edge 1RB Right	19.39	/	/	19.34	/	/	<=33.01	Pass
		Outer Full	19.33	/	/	19.28	/	/	<=33.01	Pass
		Inner Full	19.30	/	/	19.25	/	/	<=33.01	Pass
		Inner 1RB Left	19.28	/	/	19.23	/	/	<=33.01	Pass
	1880	Inner 1RB Right	19.42	/	/	19.37	/	/	<=33.01	Pass
		Edge 1RB Left	19.51	/	/	19.46	/	/	<=33.01	Pass
		Edge 1RB Right	19.62	/	/	19.57	/	/	<=33.01	Pass
		Outer Full	19.45	/	/	19.40	/	/	<=33.01	Pass
		Inner Full	19.53	/	/	19.48	/	/	<=33.01	Pass
		Inner 1RB Left	13.50	/	/	13.45	/	/	<=33.01	Pass
	1900	Inner 1RB Right	19.56	/	/	19.51	/	/	<=33.01	Pass
		Edge 1RB Left	19.16	/	/	19.11	/	/	<=33.01	Pass
		Edge 1RB Right	19.34	/	/	19.29	/	/	<=33.01	Pass
		Outer Full	19.18	/	/	19.13	/	/	<=33.01	Pass
		Inner Full	19.25	/	/	19.20	/	/	<=33.01	Pass
		Inner 1RB Left	19.15	/	/	19.10	/	/	<=33.01	Pass
CP-OFDM 256 QAM	1860	Inner 1RB Right	19.40	/	/	19.35	/	/	<=33.01	Pass
		Edge 1RB Left	16.09	/	/	16.04	/	/	<=33.01	Pass
		Edge 1RB Right	16.04	/	/	15.99	/	/	<=33.01	Pass
		Outer Full	16.27	/	/	16.22	/	/	<=33.01	Pass
		Inner Full	16.29	/	/	16.24	/	/	<=33.01	Pass
		Inner 1RB Left	16.16	/	/	16.11	/	/	<=33.01	Pass
	1880	Inner 1RB Right	16.32	/	/	16.27	/	/	<=33.01	Pass
		Edge 1RB Left	16.36	/	/	16.31	/	/	<=33.01	Pass
		Edge 1RB Right	12.40	/	/	12.35	/	/	<=33.01	Pass
		Outer Full	13.39	/	/	13.34	/	/	<=33.01	Pass
		Inner Full	16.30	/	/	16.25	/	/	<=33.01	Pass
		Inner 1RB Left	16.49	/	/	16.44	/	/	<=33.01	Pass
	1900	Inner 1RB Right	16.39	/	/	16.34	/	/	<=33.01	Pass
		Edge 1RB Left	15.99	/	/	15.94	/	/	<=33.01	Pass
		Edge 1RB Right	16.26	/	/	16.21	/	/	<=33.01	Pass
		Outer Full	16.32	/	/	16.27	/	/	<=33.01	Pass
		Inner Full	16.29	/	/	16.24	/	/	<=33.01	Pass



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		Inner_1RB_Left	16.04	/	/	15.99	/	/	<=33.01	Pass
		Inner_1RB_Right	16.25	/	/	16.20	/	/	<=33.01	Pass
Note1: Antenna Gain: Ant0: -0.05dBi; Note2: EIRP=Conducted Power+Antenna Gain										

2. Frequency Stability

2.1 Test Result

2.1.1 15_S_20M

5G NR n2 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	1880	Outer_Full	20	LV	1.96	0.0010	>=-2.5 & <=2.5	Pass
				HV	-3.00	-0.0016	>=-2.5 & <=2.5	Pass
			-30	NV	-5.28	-0.0028	>=-2.5 & <=2.5	Pass
			-20	NV	-2.96	-0.0016	>=-2.5 & <=2.5	Pass
			-10	NV	-6.90	-0.0037	>=-2.5 & <=2.5	Pass
			0	NV	-7.48	-0.0040	>=-2.5 & <=2.5	Pass
			10	NV	-3.10	-0.0016	>=-2.5 & <=2.5	Pass
			20	NV	-7.87	-0.0042	>=-2.5 & <=2.5	Pass
			30	NV	0.20	0.0001	>=-2.5 & <=2.5	Pass
			40	NV	-5.52	-0.0029	>=-2.5 & <=2.5	Pass
			50	NV	-11.43	-0.0061	>=-2.5 & <=2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 15_S_5M_NTNV

5G NR n2 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	1880	Outer_Full	4.52	5.11	/	Pass
DFT-s-OFDM QPSK	1880	Outer_Full	4.51	5.25	/	Pass
DFT-s-OFDM 16 QAM	1880	Outer_Full	4.50	5.19	/	Pass
DFT-s-OFDM 64 QAM	1880	Outer_Full	4.53	5.23	/	Pass
DFT-s-OFDM 256 QAM	1880	Outer_Full	4.50	5.23	/	Pass
CP-OFDM QPSK	1880	Outer_Full	4.50	5.36	/	Pass
CP-OFDM 16 QAM	1880	Outer_Full	4.51	5.23	/	Pass
CP-OFDM 64 QAM	1880	Outer_Full	4.50	5.30	/	Pass
CP-OFDM 256 QAM	1880	Outer_Full	4.51	5.26	/	Pass



3.1.2 15_S_10M_NTNV

5G NR n2 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	1880	Outer_Full	8.95	9.70	/	Pass
DFT-s-OFDM QPSK	1880	Outer_Full	8.94	9.71	/	Pass
DFT-s-OFDM 16 QAM	1880	Outer_Full	8.96	9.61	/	Pass
DFT-s-OFDM 64 QAM	1880	Outer_Full	8.94	9.61	/	Pass
DFT-s-OFDM 256 QAM	1880	Outer_Full	8.95	9.71	/	Pass
CP-OFDM QPSK	1880	Outer_Full	9.30	10.20	/	Pass
CP-OFDM 16 QAM	1880	Outer_Full	9.30	10.21	/	Pass
CP-OFDM 64 QAM	1880	Outer_Full	9.34	10.21	/	Pass
CP-OFDM 256 QAM	1880	Outer_Full	9.32	10.15	/	Pass

3.1.3 15_S_15M_NTNV

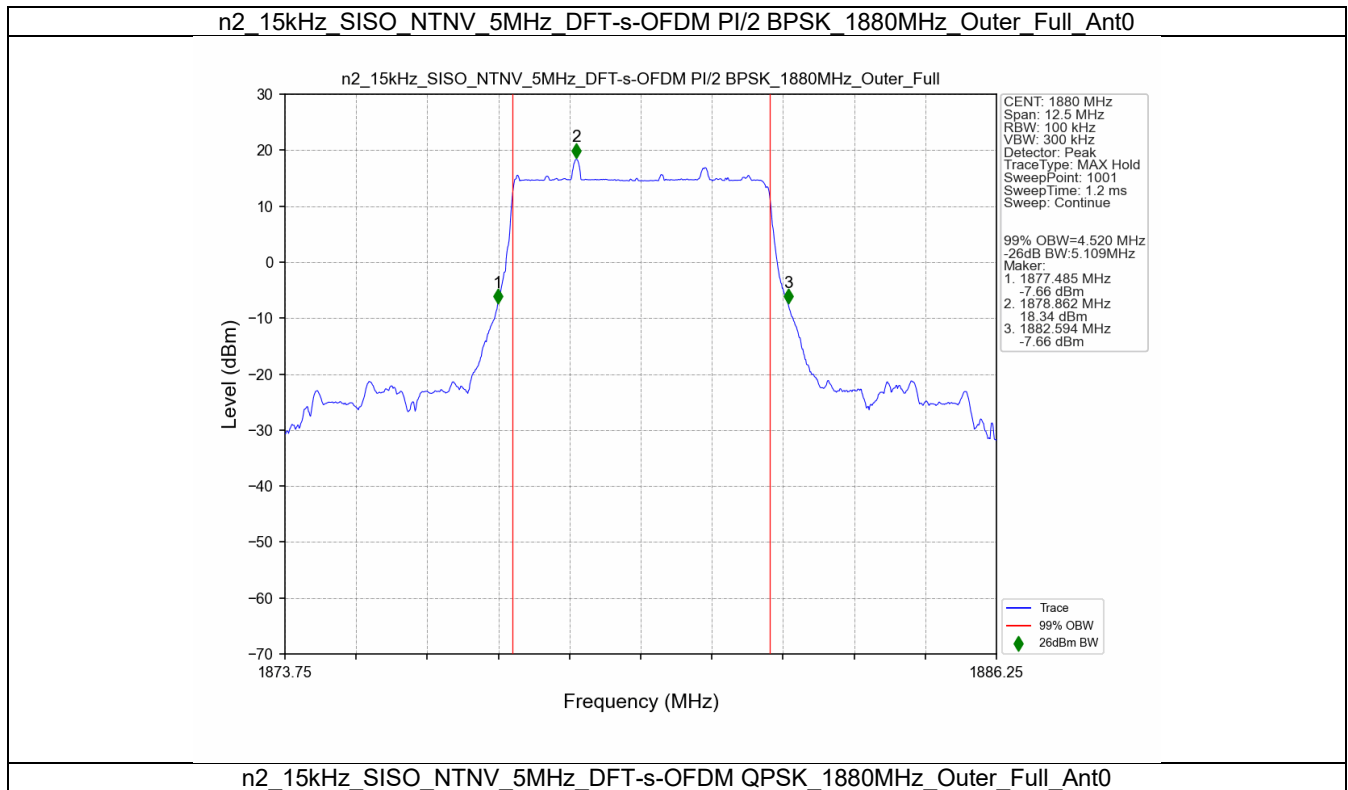
5G NR n2 SCS=15kHz SISO 15MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	1880	Outer_Full	13.43	14.47	/	Pass
DFT-s-OFDM QPSK	1880	Outer_Full	13.44	14.35	/	Pass
DFT-s-OFDM 16 QAM	1880	Outer_Full	13.51	14.51	/	Pass
DFT-s-OFDM 64 QAM	1880	Outer_Full	13.60	14.04	/	Pass
DFT-s-OFDM 256 QAM	1880	Outer_Full	13.43	14.43	/	Pass
CP-OFDM QPSK	1880	Outer_Full	14.16	15.20	/	Pass
CP-OFDM 16 QAM	1880	Outer_Full	14.15	15.20	/	Pass
CP-OFDM 64 QAM	1880	Outer_Full	14.15	15.28	/	Pass
CP-OFDM 256 QAM	1880	Outer_Full	14.17	15.13	/	Pass

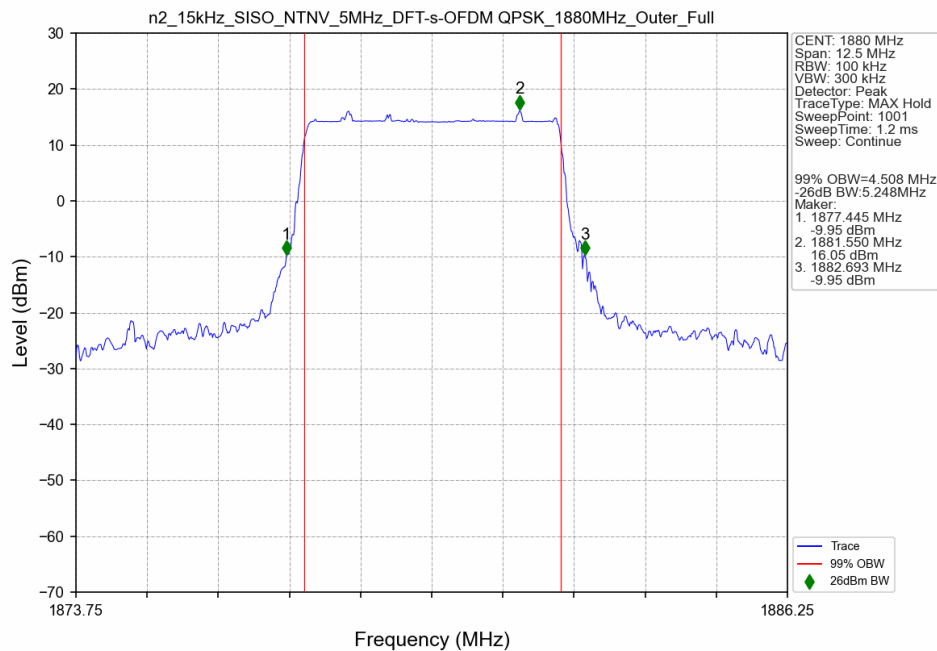
3.1.4 15_S_20M_NTNV

5G NR n2 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	1880	Outer_Full	17.93	19.16	/	Pass
DFT-s-OFDM QPSK	1880	Outer_Full	17.91	18.91	/	Pass
DFT-s-OFDM 16 QAM	1880	Outer_Full	17.98	19.02	/	Pass
DFT-s-OFDM 64 QAM	1880	Outer_Full	17.94	18.93	/	Pass
DFT-s-OFDM 256 QAM	1880	Outer_Full	17.91	19.04	/	Pass
CP-OFDM QPSK	1880	Outer_Full	18.98	19.89	/	Pass
CP-OFDM 16 QAM	1880	Outer_Full	19.02	20.08	/	Pass
CP-OFDM 64 QAM	1880	Outer_Full	19.00	20.27	/	Pass
CP-OFDM 256 QAM	1880	Outer_Full	18.97	20.03	/	Pass

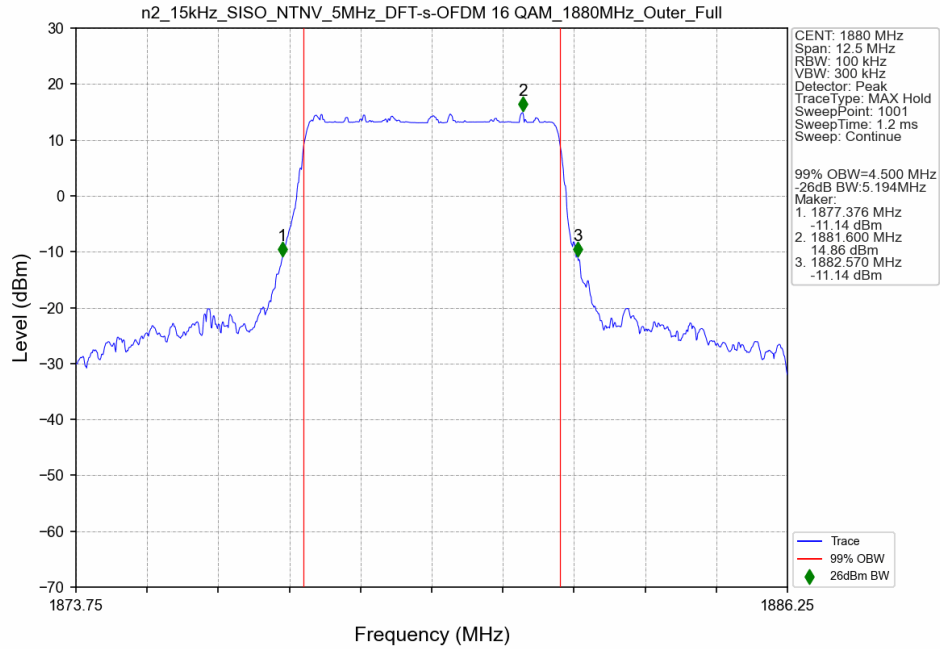
3.2 Test Graph

3.2.1 15_S_5M_NTNV

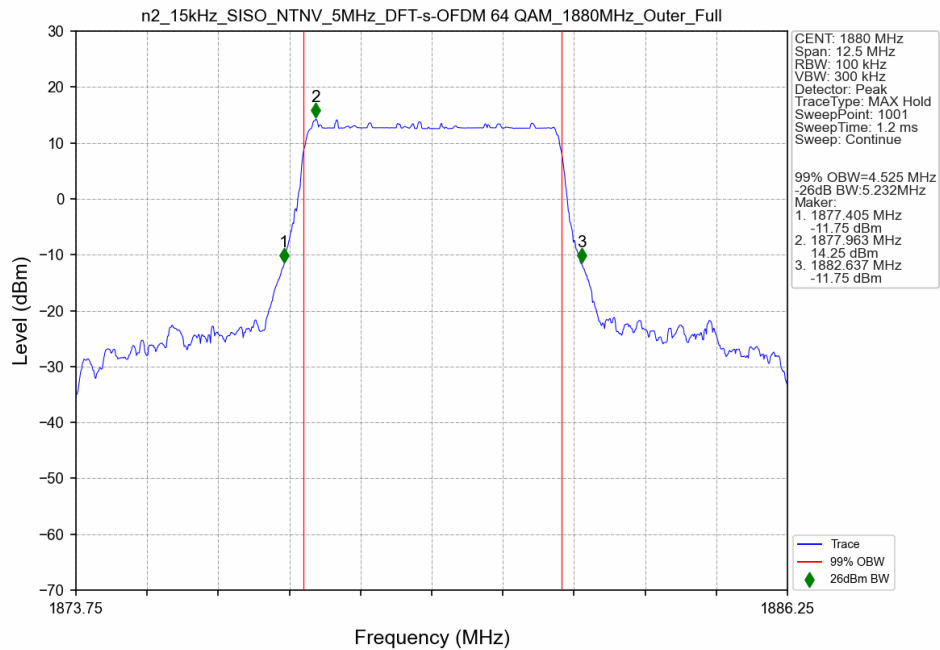




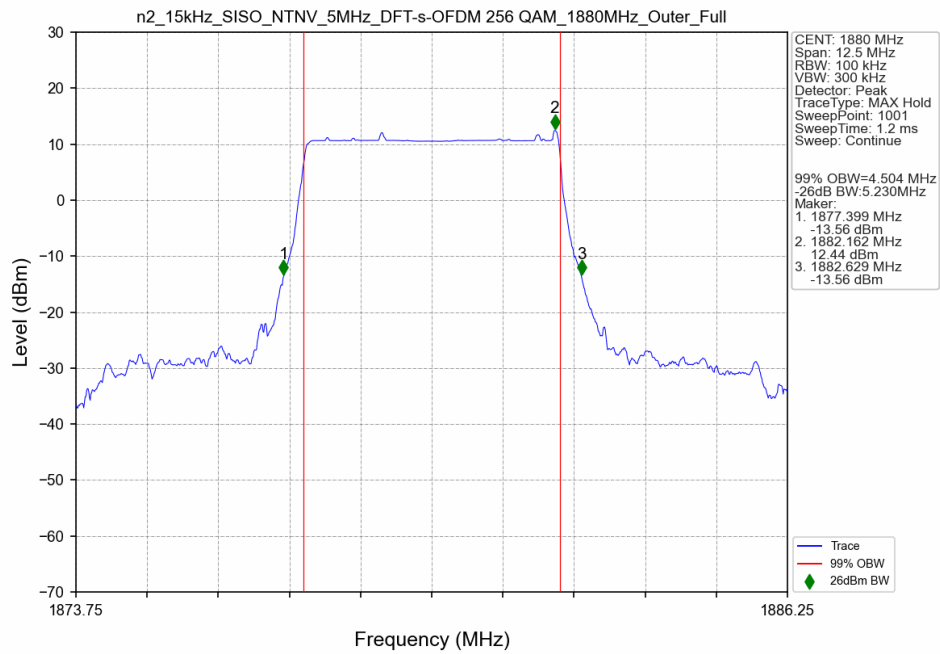
n2_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_16_QAM_1880MHz_Outer_Full_Ant0



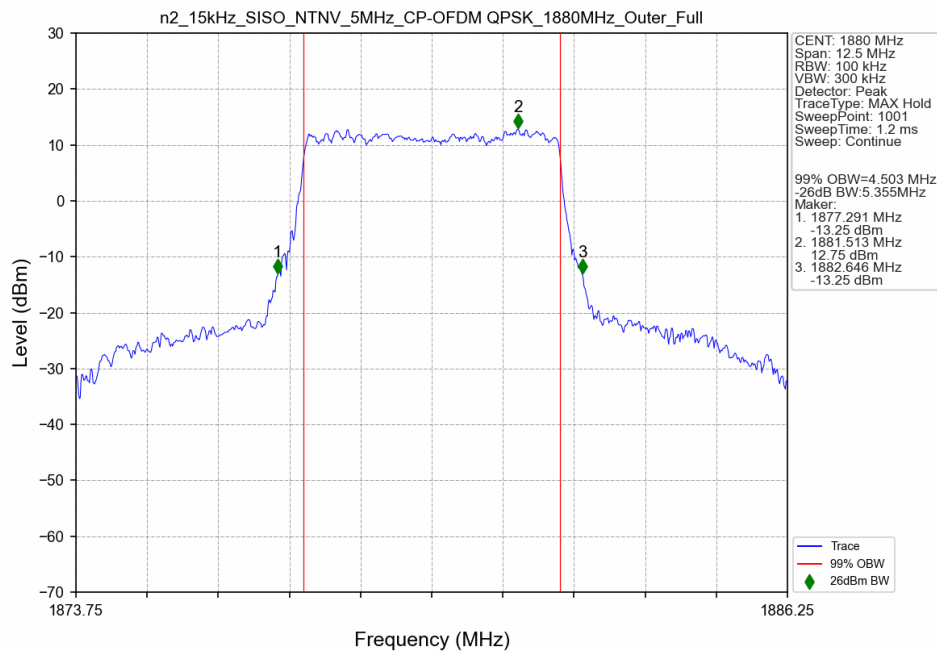
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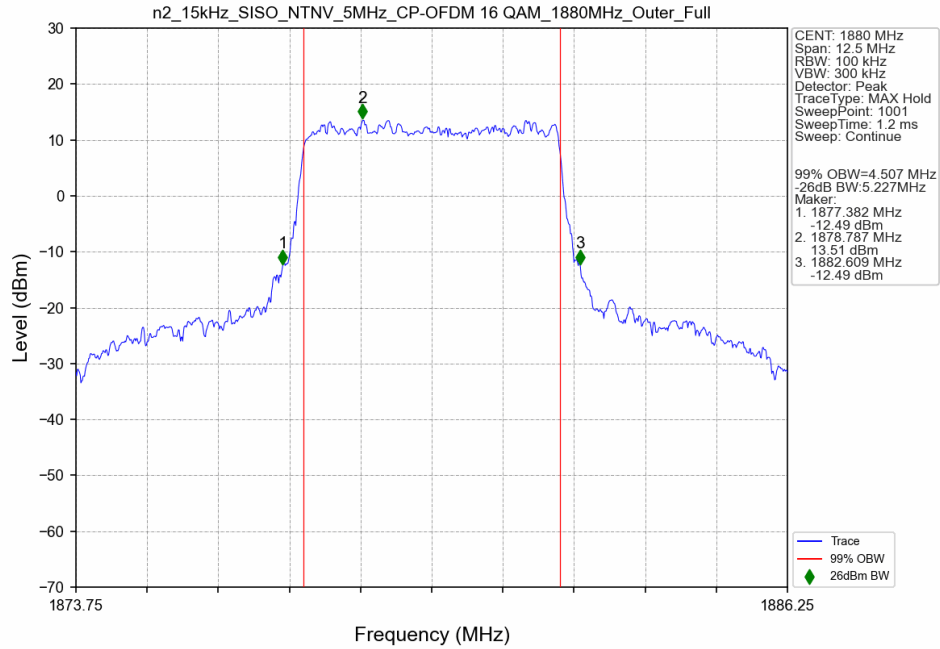
n2_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 256 QAM_1880MHz_Outer_Full_Ant0



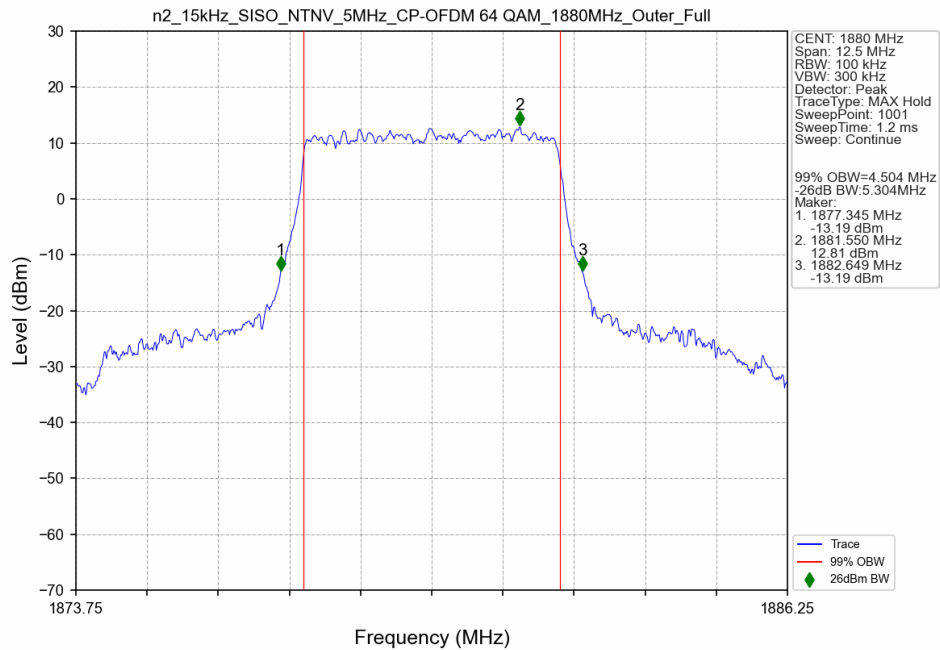
n2_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_1880MHz_Outer_Full_Ant0



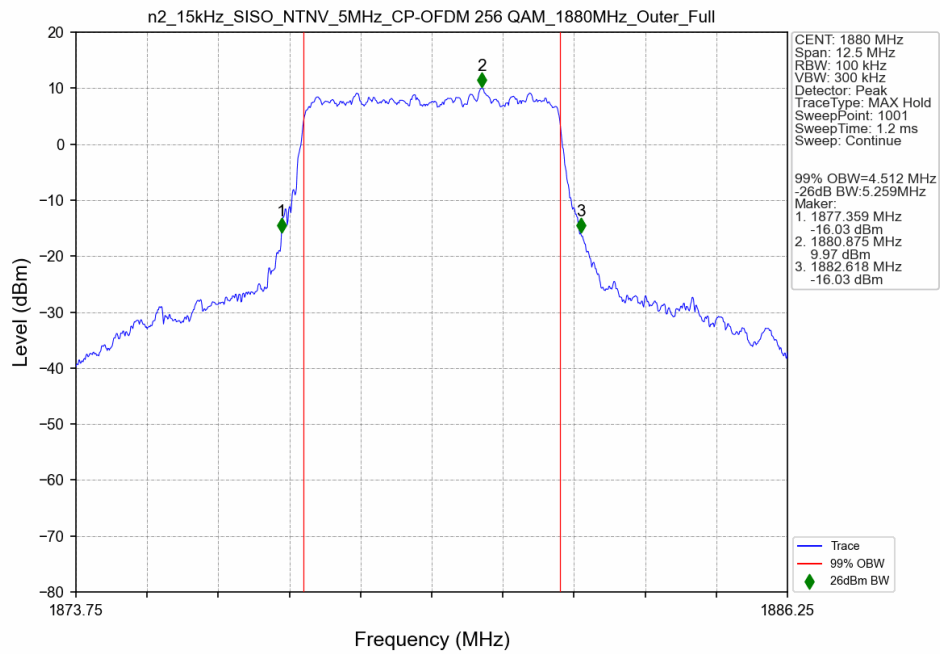
n2_15kHz_SISO_NTNV_5MHz_CP-OFDM 16 QAM_1880MHz_Outer_Full_Ant0



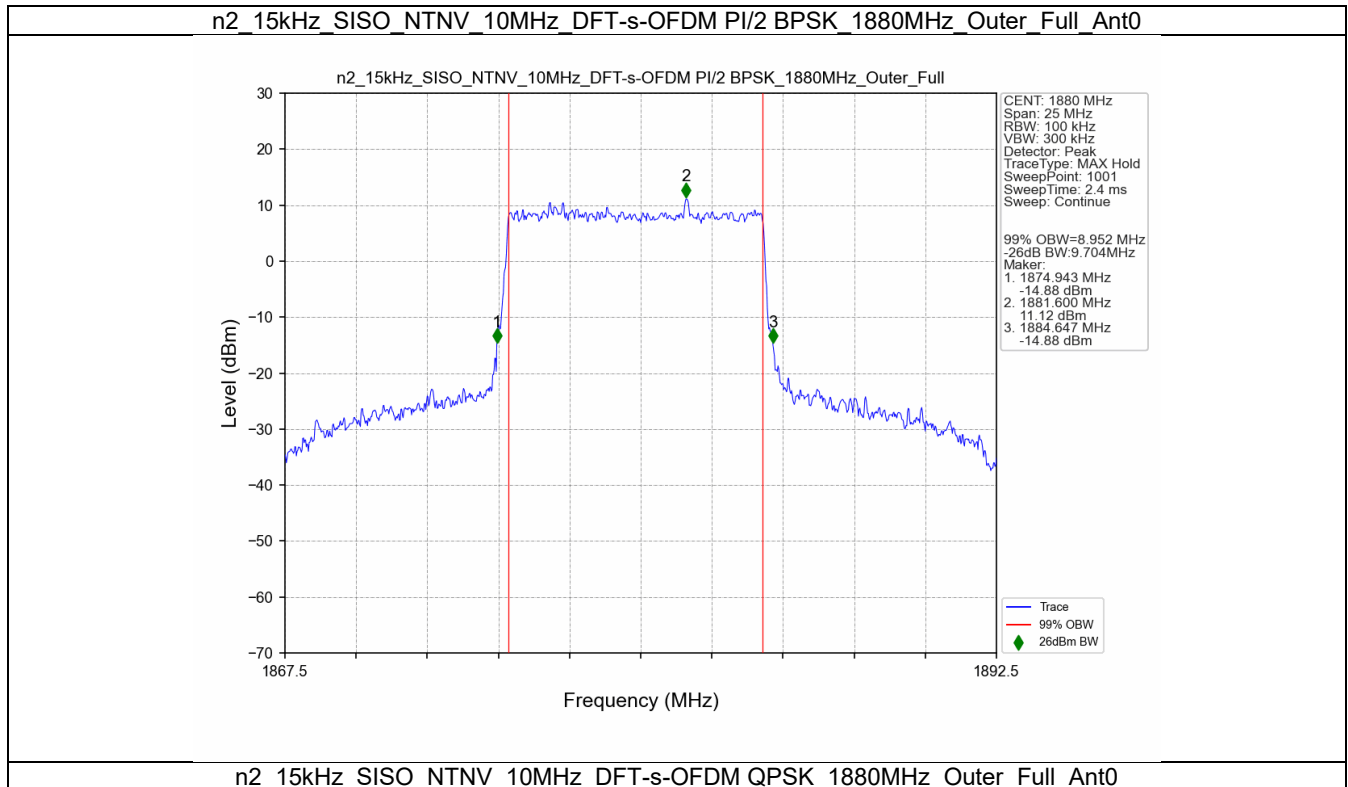
n2_15kHz_SISO_NTNV_5MHz_CP-OFDM 64 QAM_1880MHz_Outer_Full_Ant0

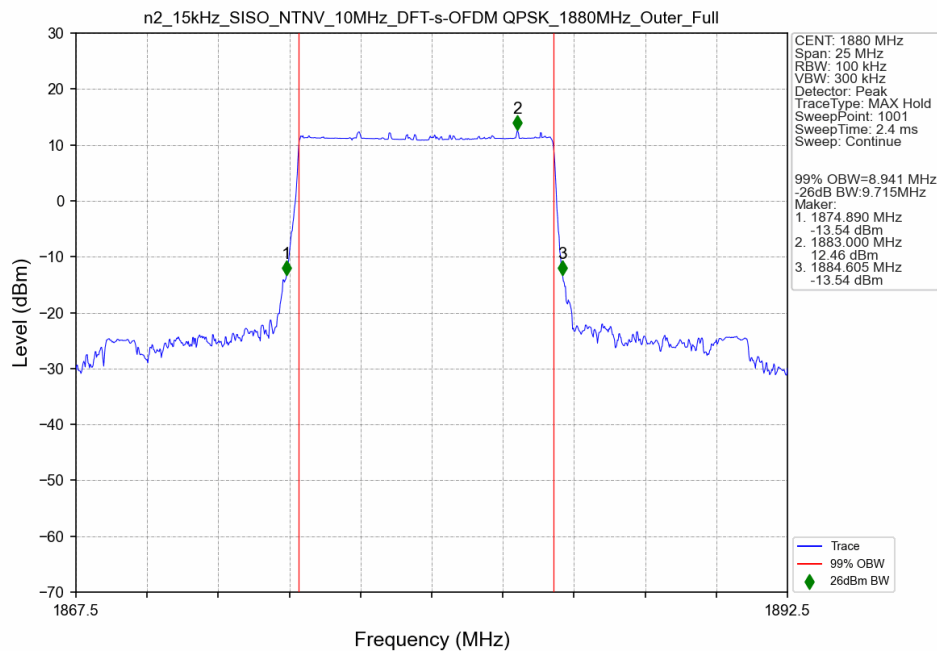


n2_15kHz_SISO_NTNV_5MHz_CP-OFDM 256 QAM 1880MHz_Outer_Full_Ant0

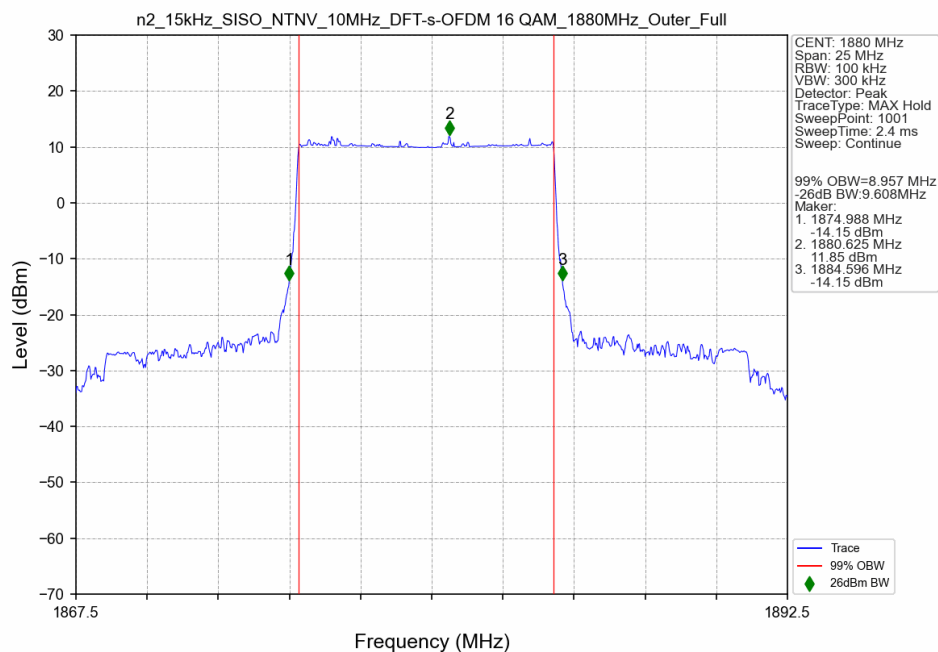


3.2.2 15_S_10M_NTNV

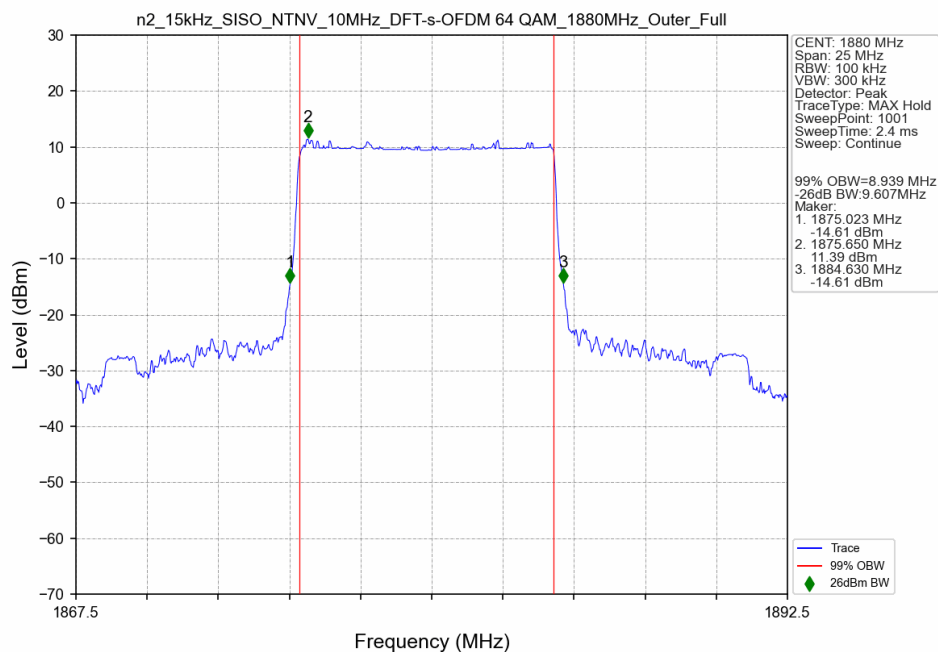




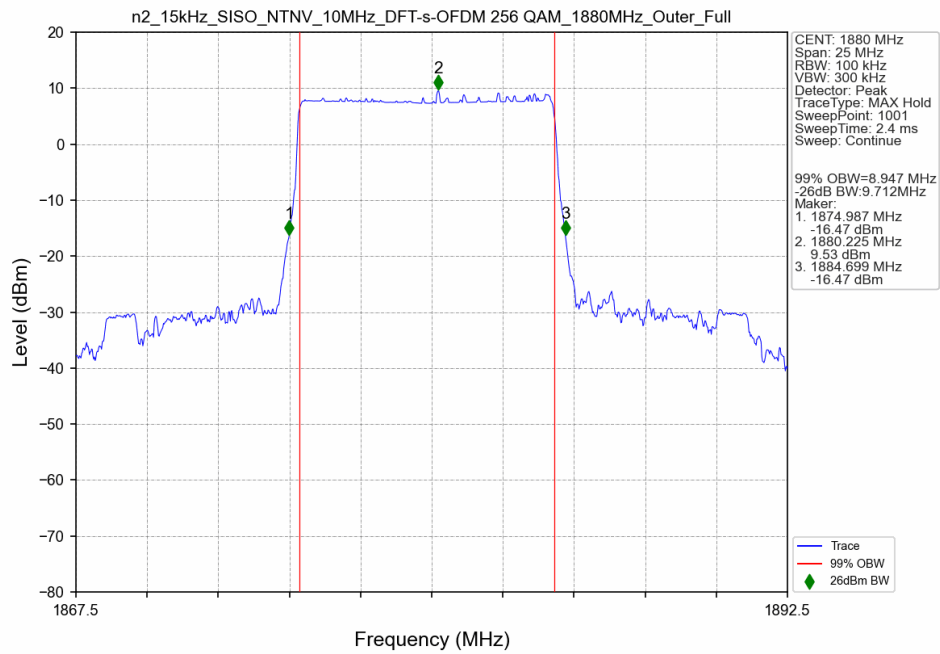
n2_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 16 QAM_1880MHz_Outer_Full_Ant0



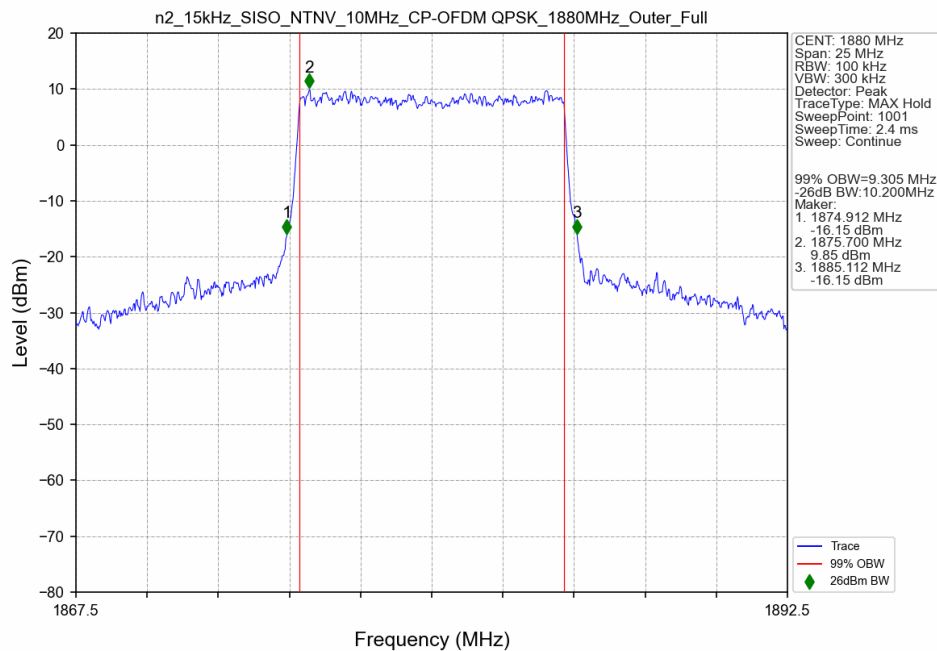
n2_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 64 QAM_1880MHz_Outer_Full_Ant0



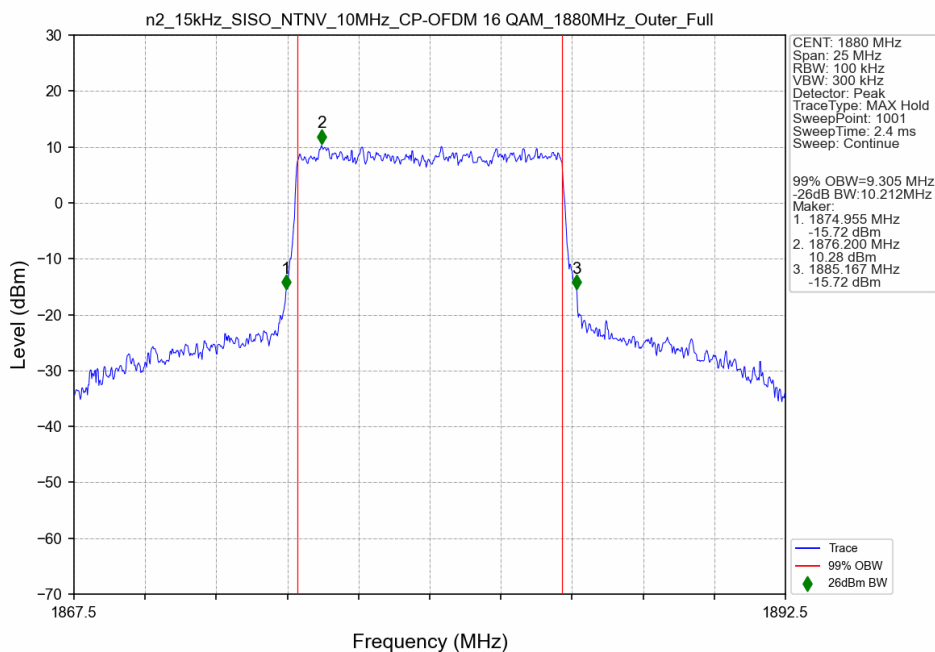
n2_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_256_QAM_1880MHz_Outer_Full_Ant0



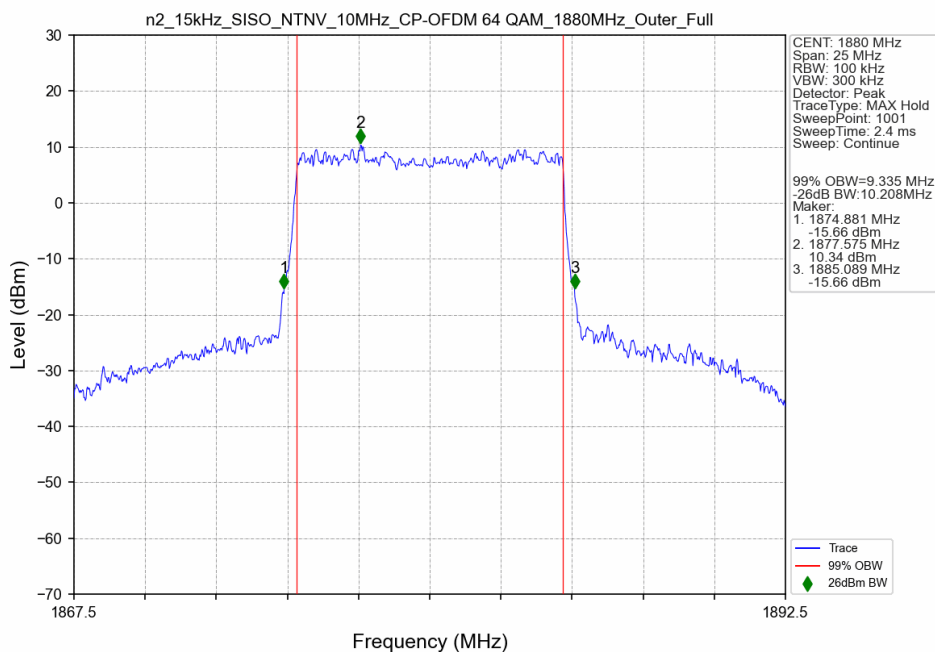
n2_15kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_1880MHz_Outer_Full_Ant0



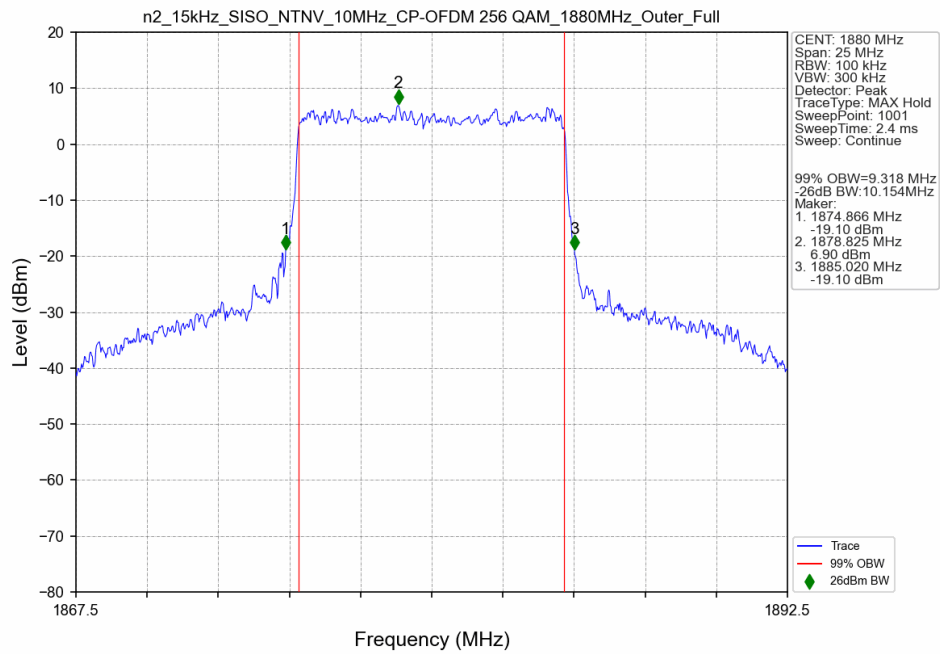
n2_15kHz_SISO_NTNV_10MHz_CP-OFDM 16 QAM 1880MHz_Outer_Full_Ant0



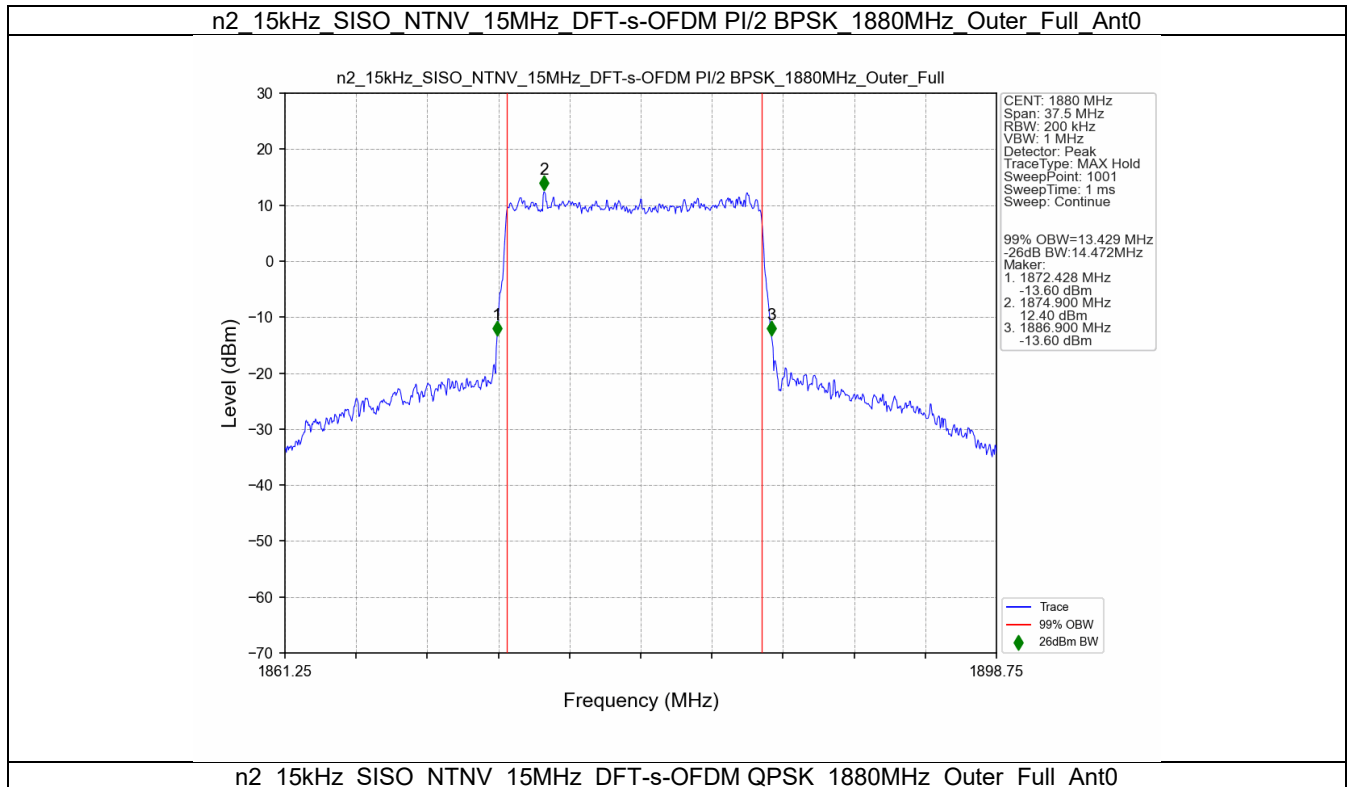
n2_15kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM 1880MHz_Outer_Full_Ant0

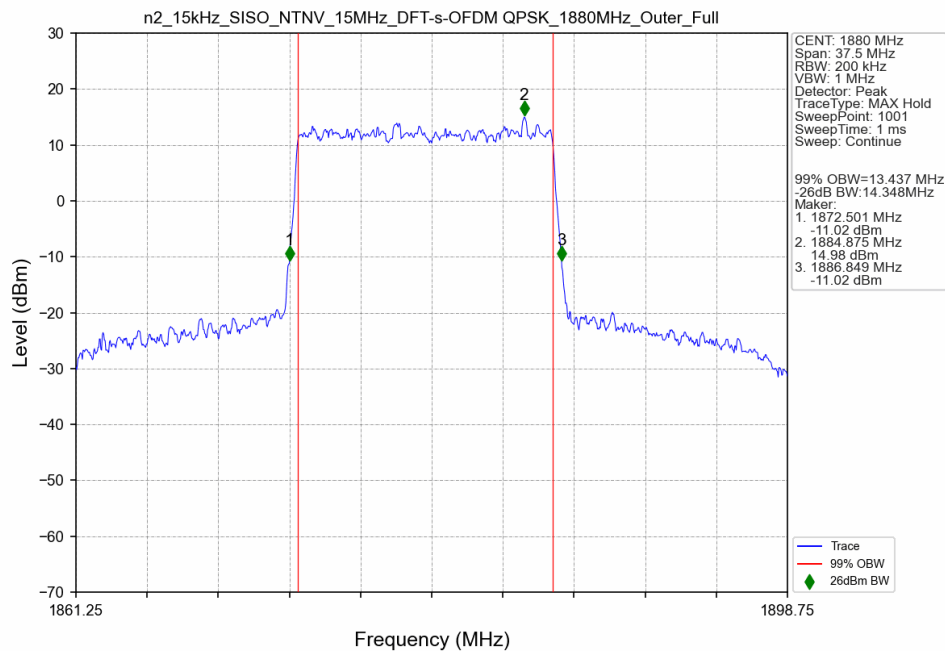


n2_15kHz_SISO_NTNV_10MHz_CP-OFDM 256 QAM_1880MHz_Outer_Full_Ant0

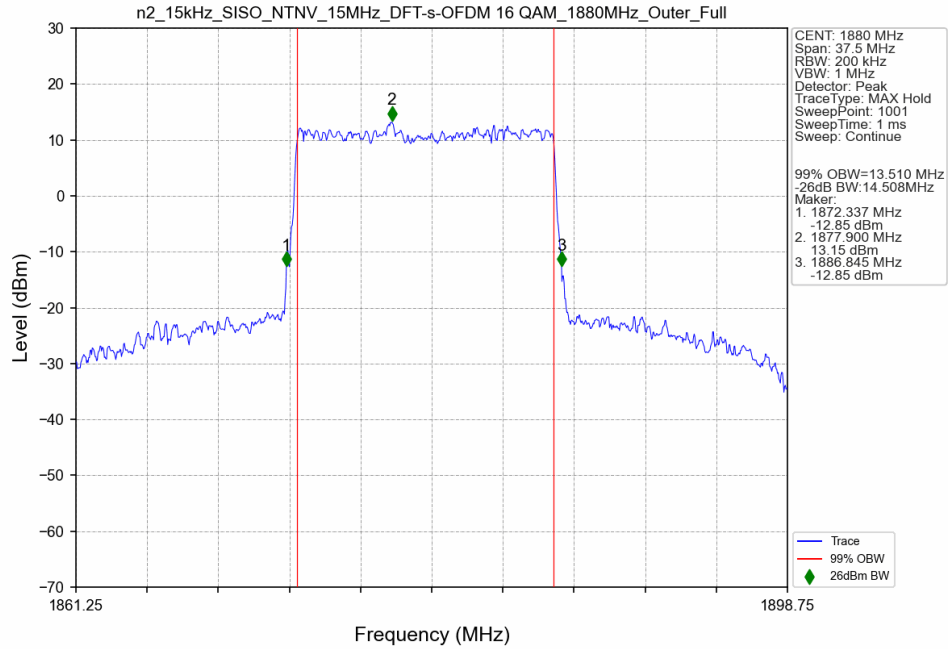


3.2.3 15_S_15M_NTNV

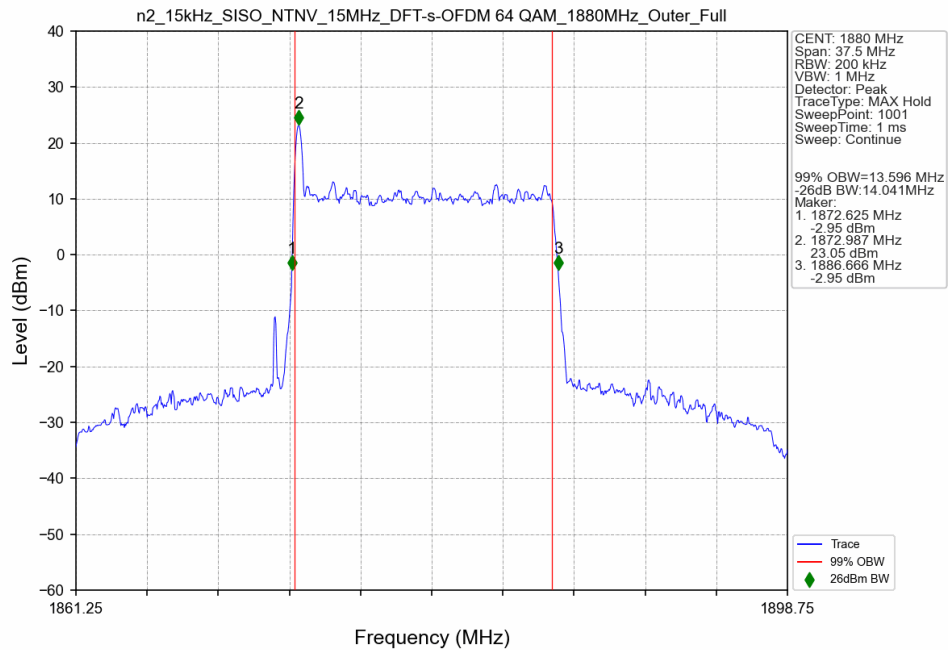


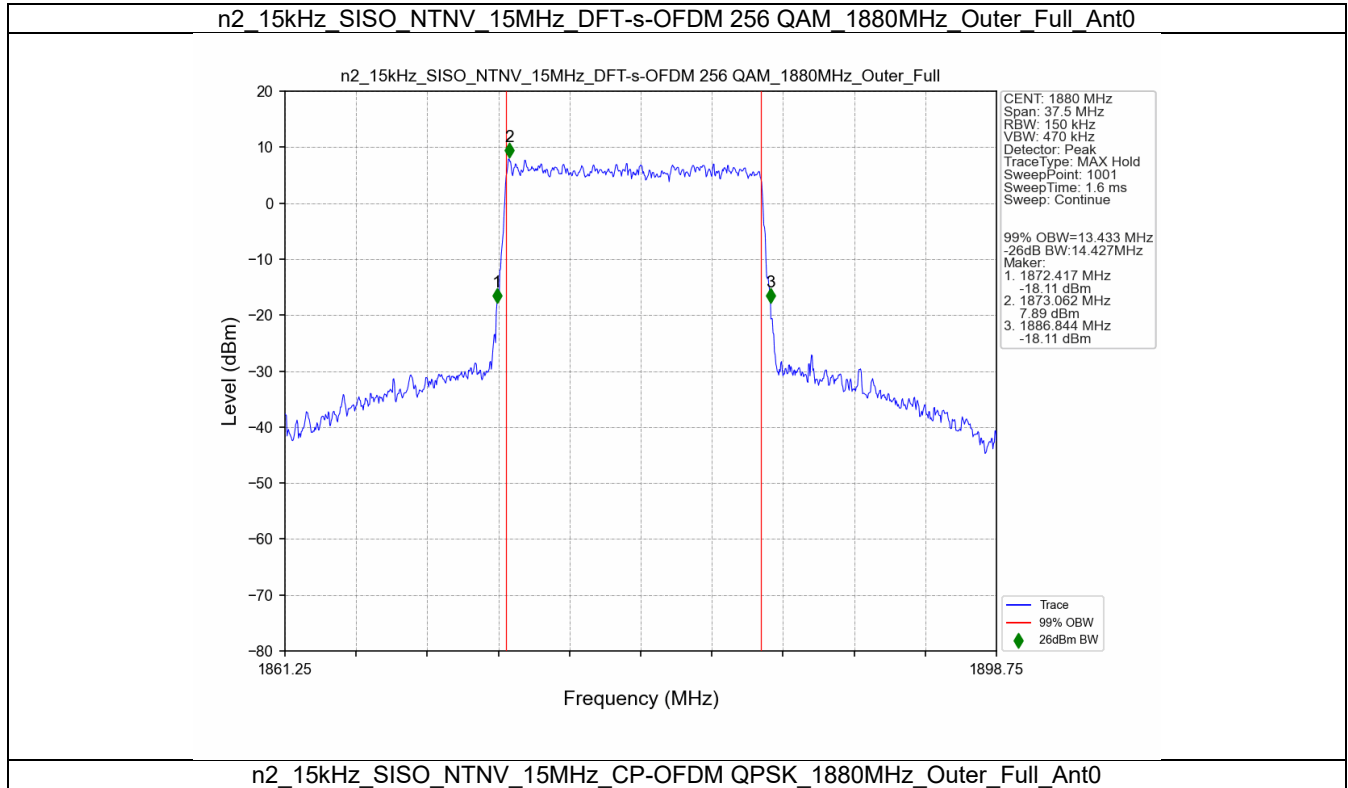


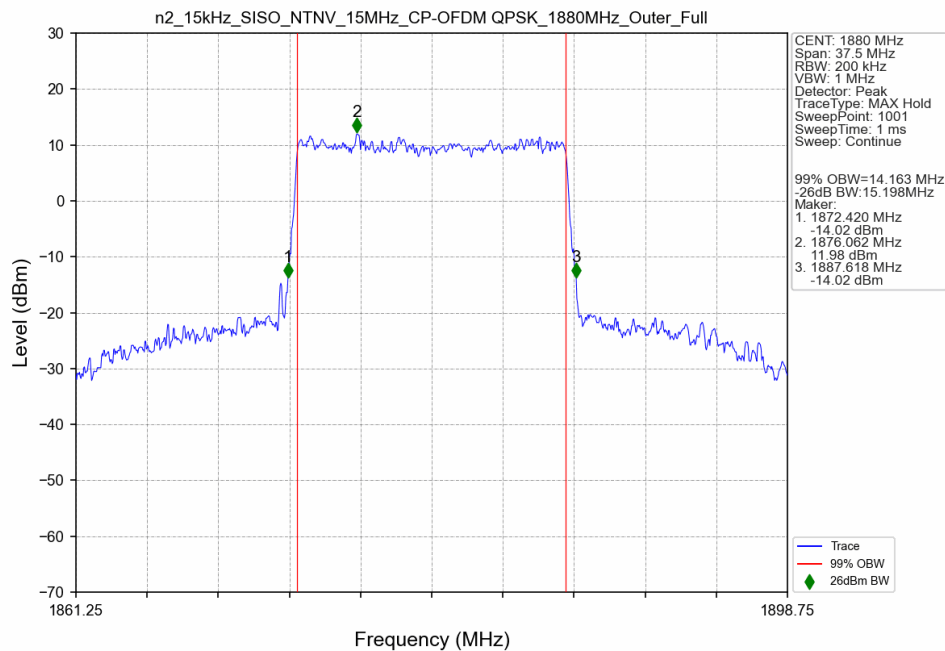
n2_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 16 QAM_1880MHz_Outer_Full_Ant0



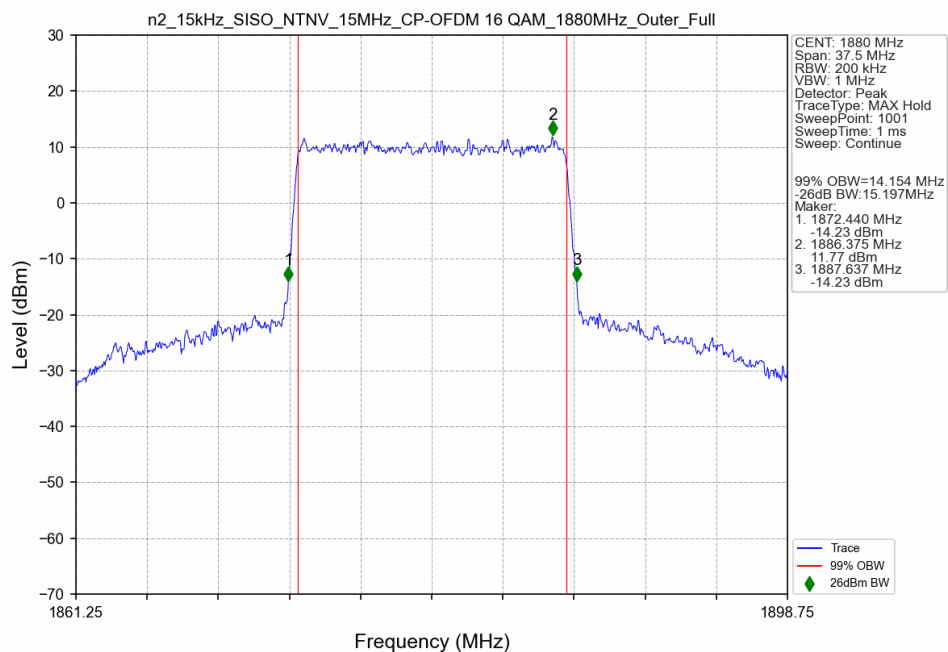
n2_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 64 QAM_1880MHz_Outer_Full_Ant0



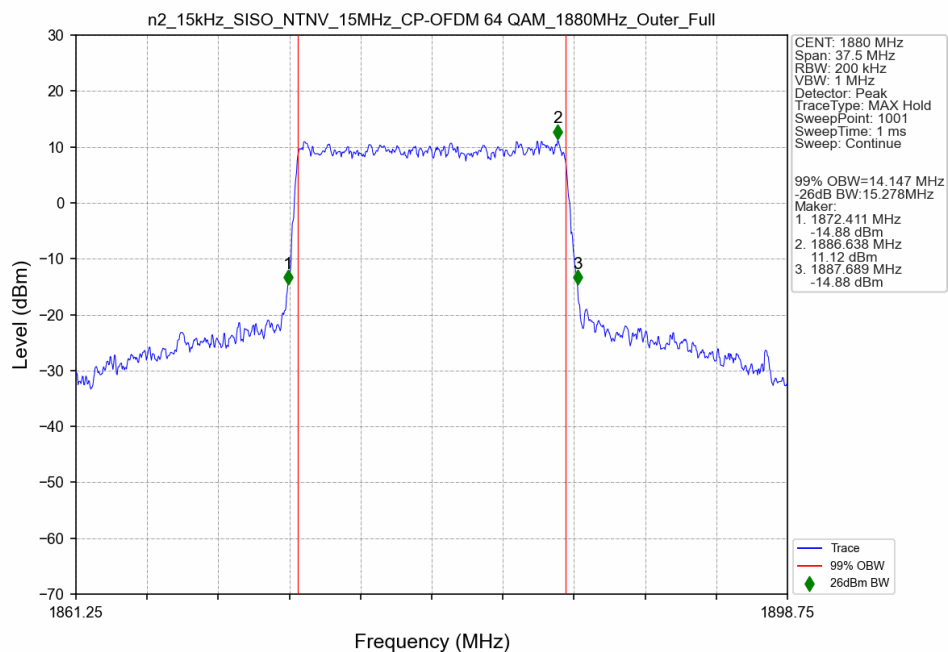




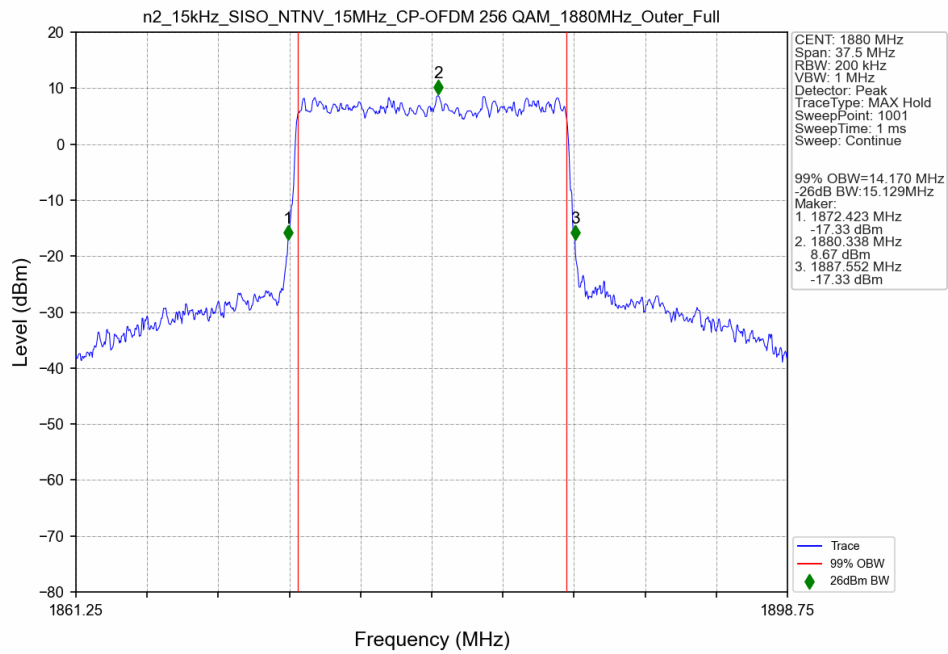
n2_15kHz_SISO_NTNV_15MHz_CP-OFDM 16 QAM 1880MHz_Outer_Full_Ant0



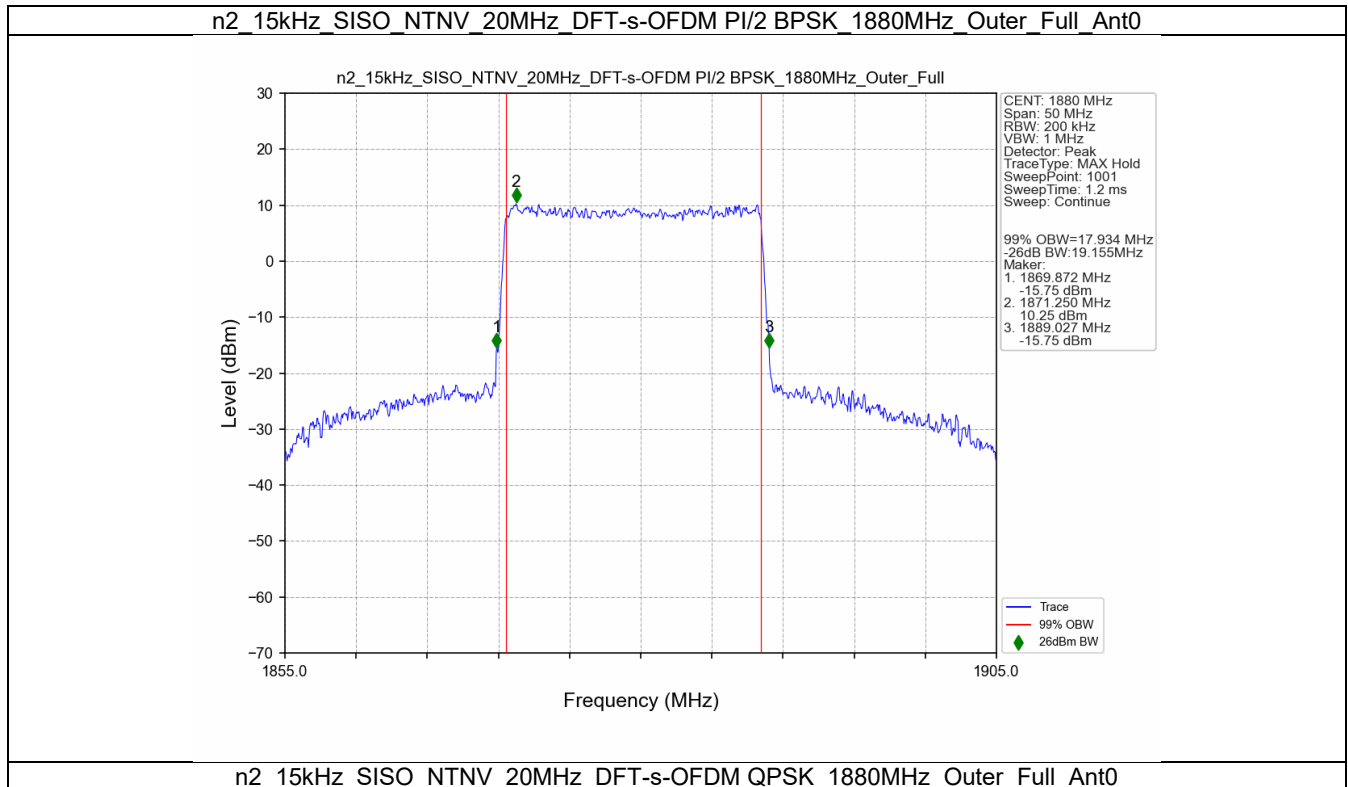
n2_15kHz_SISO_NTNV_15MHz_CP-OFDM 64 QAM 1880MHz_Outer_Full_Ant0

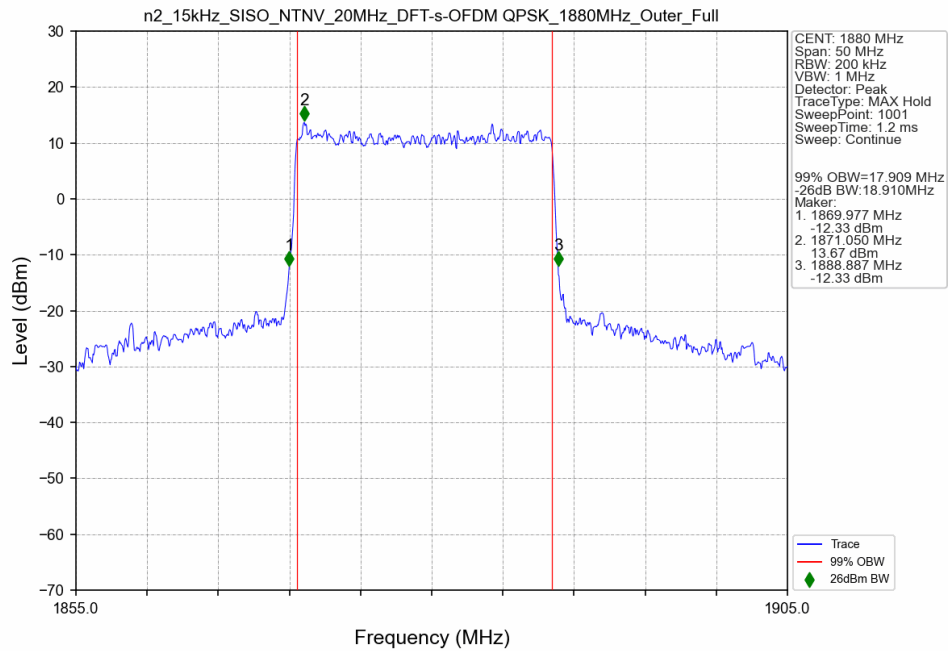


n2_15kHz_SISO_NTNV_15MHz_CP-OFDM 256 QAM_1880MHz_Outer_Full_Ant0

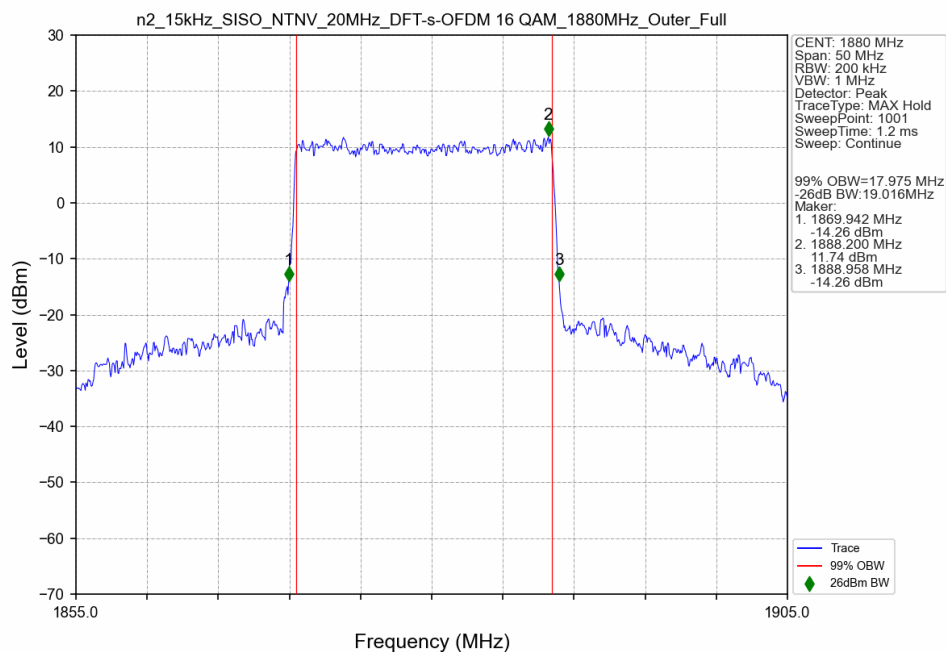


3.2.4 15_S_20M_NTNV

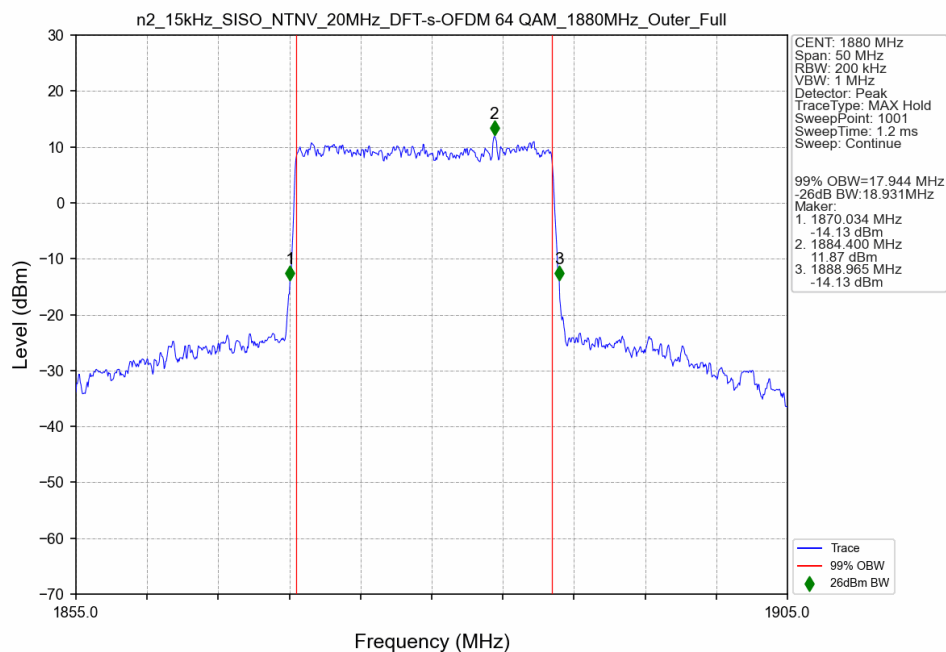




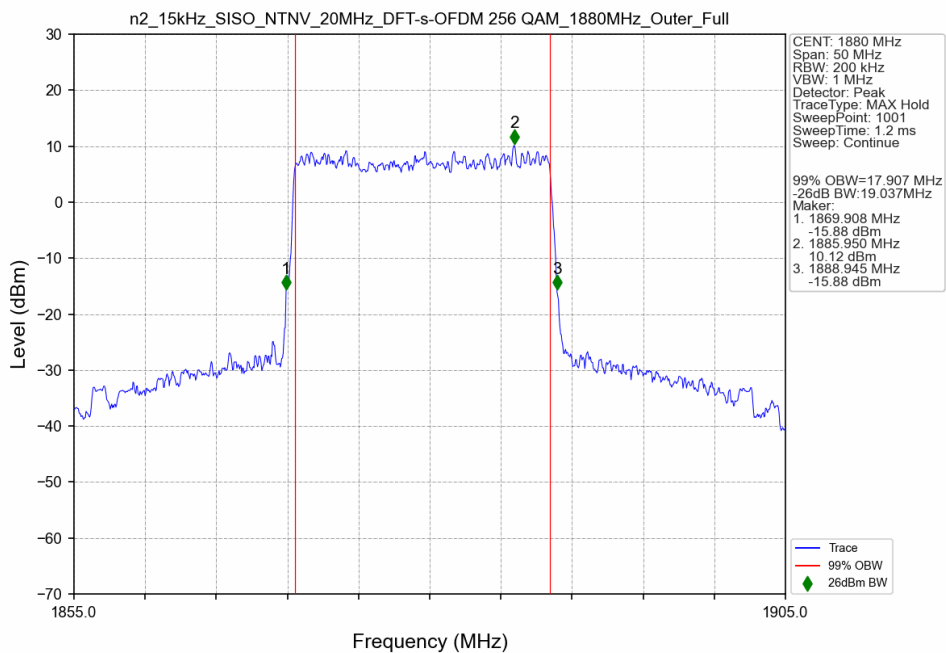
n2_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 16 QAM_1880MHz_Outer_Full_Ant0



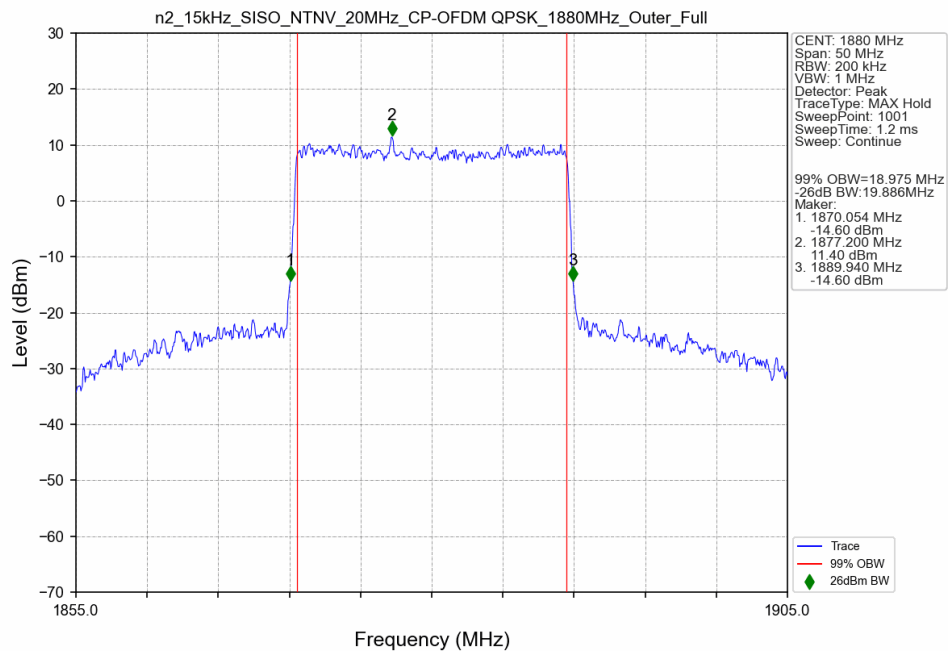
n2_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 64 QAM_1880MHz_Outer_Full_Ant0



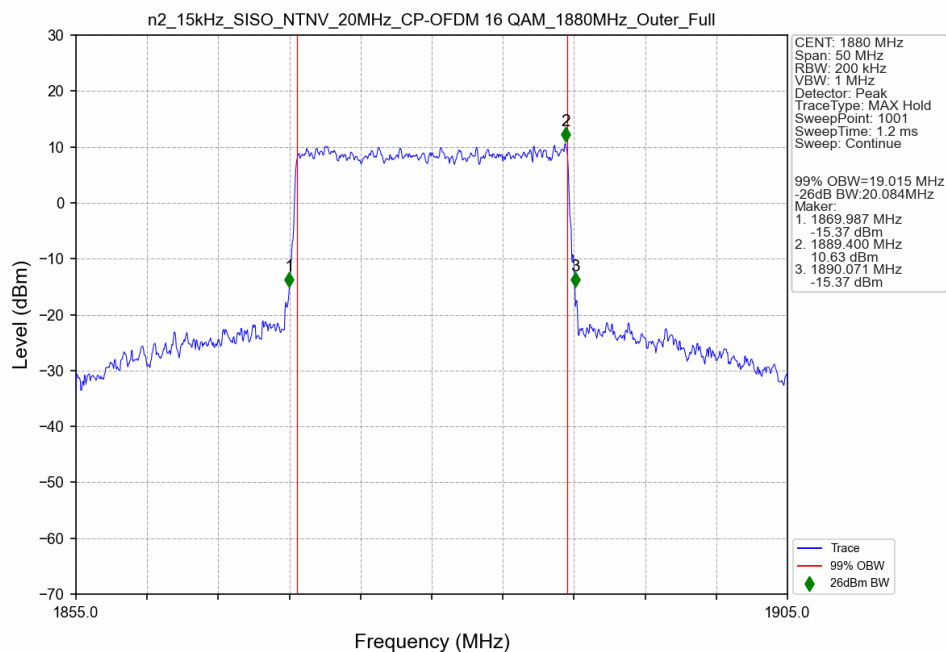
n2_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_256_QAM_1880MHz_Outer_Full_Ant0



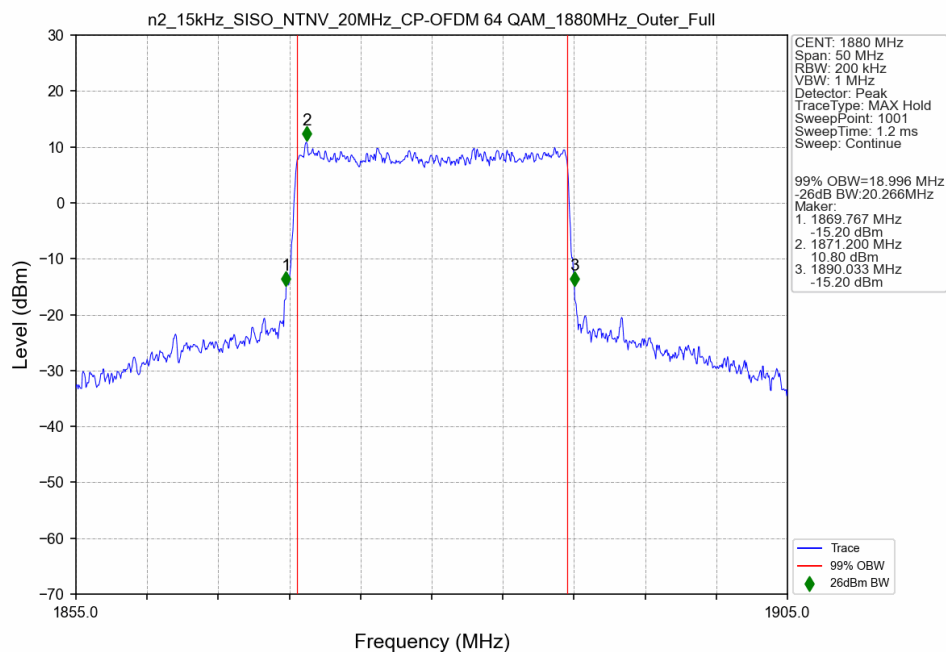
n2_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_1880MHz_Outer_Full_Ant0



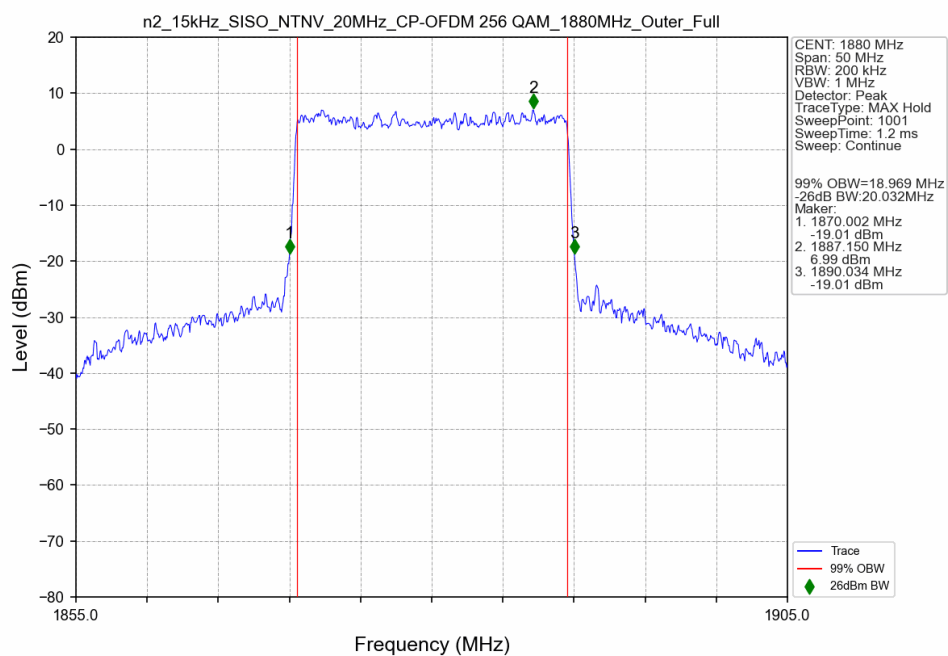
n2_15kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM 1880MHz_Outer_Full_Ant0



n2_15kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM 1880MHz_Outer_Full_Ant0



n2_15kHz_SISO_NTNV_20MHz_CP-OFDM 256 QAM_1880MHz_Outer_Full_Ant0





4. Peak-Average Ratio

4.1 Test Result

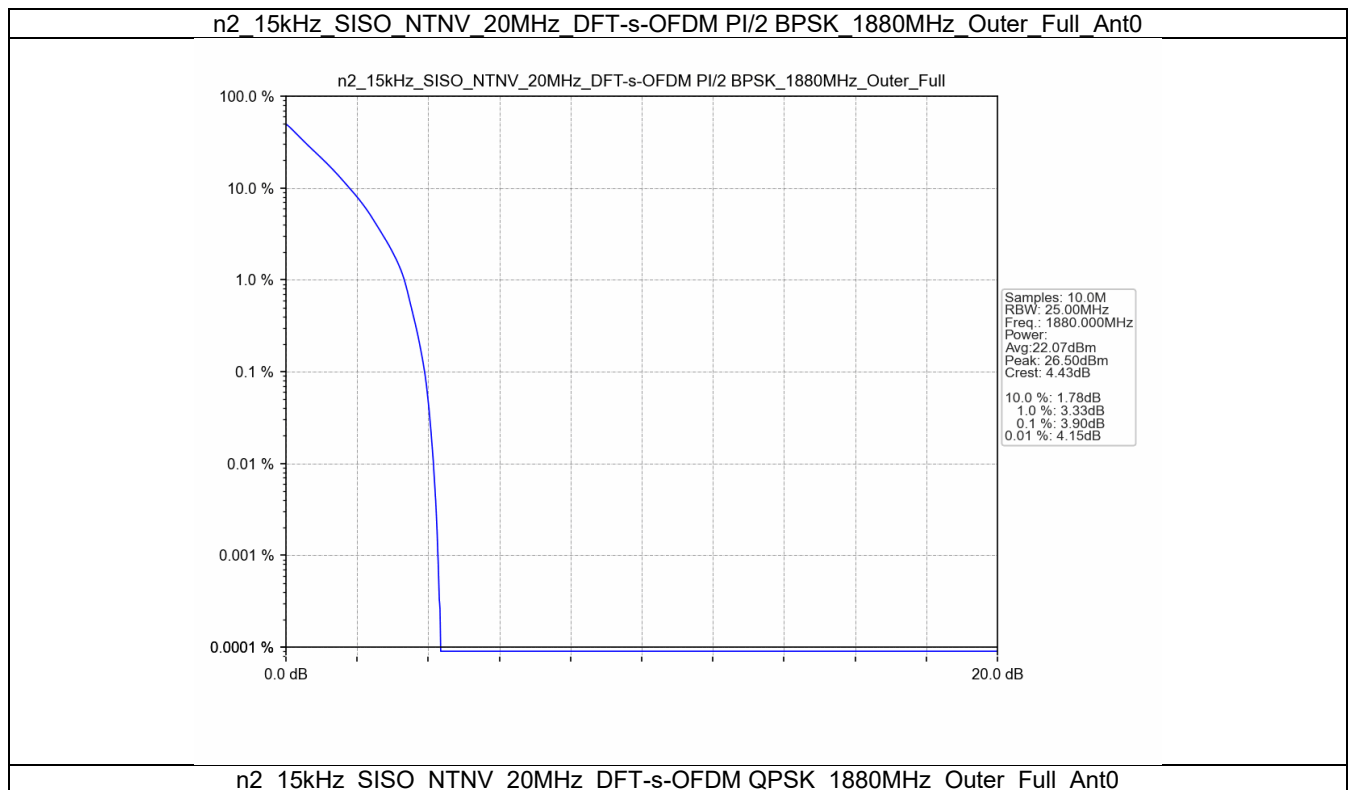
4.1.1 15_S_20M_NTNV

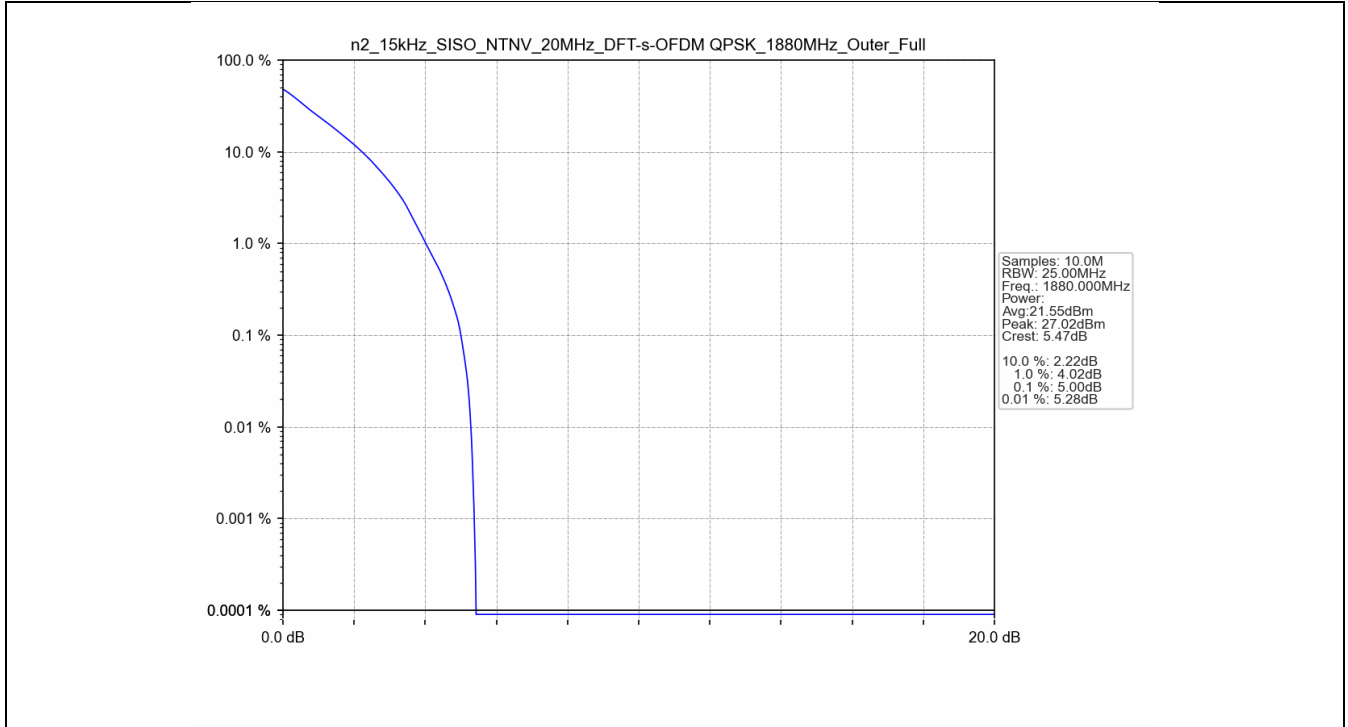
5G NR n2 SCS=15kHz SISO 20MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant0	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1880	Outer_Full	3.90	/	/	<=13	Pass
DFT-s-OFDM QPSK	1880	Outer_Full	5.00	/	/	<=13	Pass
CP-OFDM QPSK	1880	Outer_Full	7.25	/	/	<=13	Pass



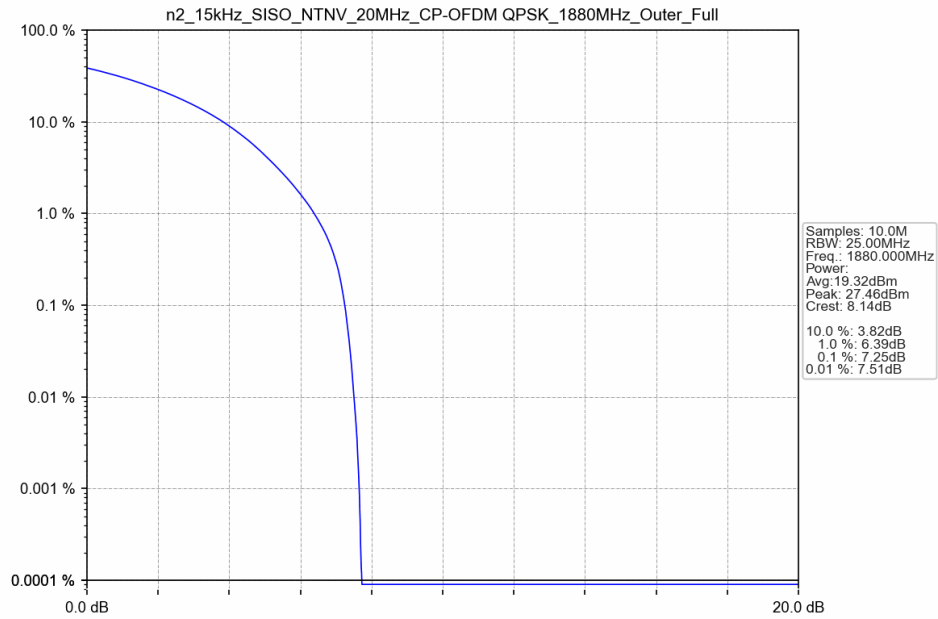
4.2 Test Graph

4.2.1 15_S_20M_NTNV





n2_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_1880MHz_Outer_Full_Ant0



5. Spurious Emission

5.1 Test Result

5.1.1 15_S_5M_NTNV

5G NR n2 SCS=15kHz SISO 5MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant0	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1852.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	1880	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
	1907.5	Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM QPSK	1852.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	1880	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
	1907.5	Outer_Full	Refer To Test Graph				Pass
CP-OFDM QPSK	1852.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	1880	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
	1907.5	Outer_Full	Refer To Test Graph				Pass

5.1.2 15_S_15M_NTNV

5G NR n2 SCS=15kHz SISO 15MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant0	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1857.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	1880	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
	1902.5	Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM QPSK	1857.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	1880	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
	1902.5	Outer_Full	Refer To Test Graph				Pass
CP-OFDM QPSK	1857.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	1880	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
	1902.5	Outer_Full	Refer To Test Graph				Pass

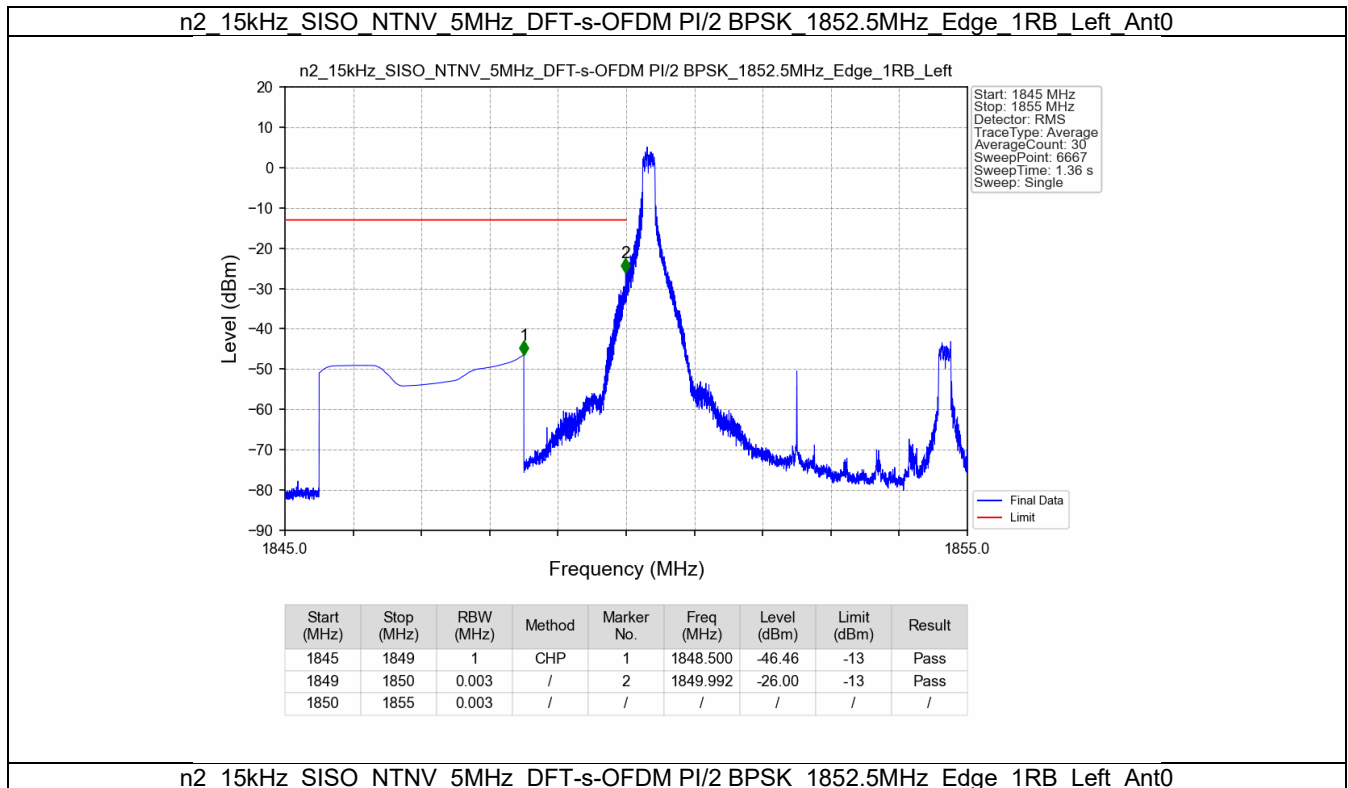


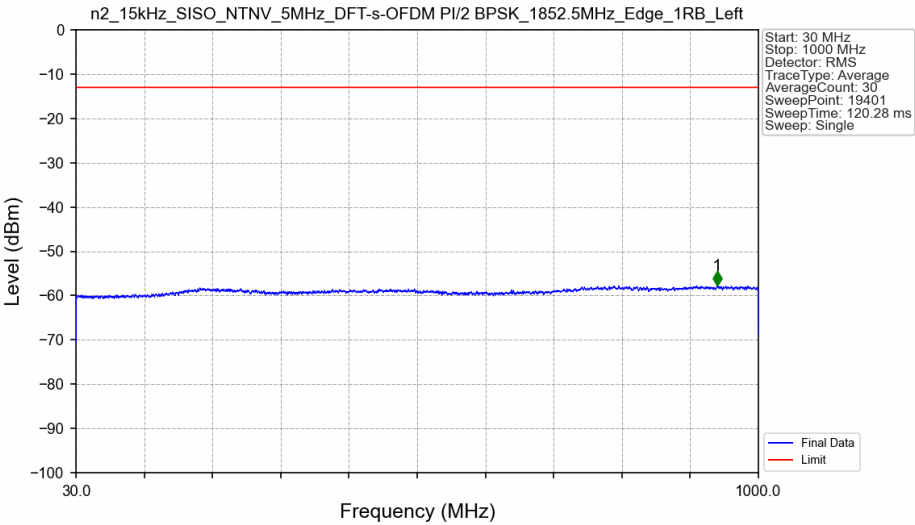
5.1.3 15_S_20M_NTNV

5G NR n2 SCS=15kHz SISO 20MHz NTN								
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict	
			Ant0	Ant2	Sum	Limit		
DFT-s-OFDM PI/2 BPSK	1860	Edge 1RB Left	Refer To Test Graph				Pass	
		Outer Full	Refer To Test Graph				Pass	
	1880	Edge 1RB Left	Refer To Test Graph				Pass	
		Edge 1RB Right	Refer To Test Graph				Pass	
		1900	Edge 1RB Left	Refer To Test Graph				Pass
			Outer Full	Refer To Test Graph				Pass
DFT-s-OFDM QPSK	1860	Edge 1RB Left	Refer To Test Graph				Pass	
		Outer Full	Refer To Test Graph				Pass	
	1880	Edge 1RB Left	Refer To Test Graph				Pass	
		Edge 1RB Right	Refer To Test Graph				Pass	
	1900	Edge 1RB Left	Refer To Test Graph				Pass	
		Outer Full	Refer To Test Graph				Pass	
CP-OFDM QPSK	1860	Edge 1RB Left	Refer To Test Graph				Pass	
		Outer Full	Refer To Test Graph				Pass	
	1880	Edge 1RB Left	Refer To Test Graph				Pass	
		Edge 1RB Right	Refer To Test Graph				Pass	
	1900	Edge 1RB Left	Refer To Test Graph				Pass	
		Outer Full	Refer To Test Graph				Pass	

5.2 Test Graph

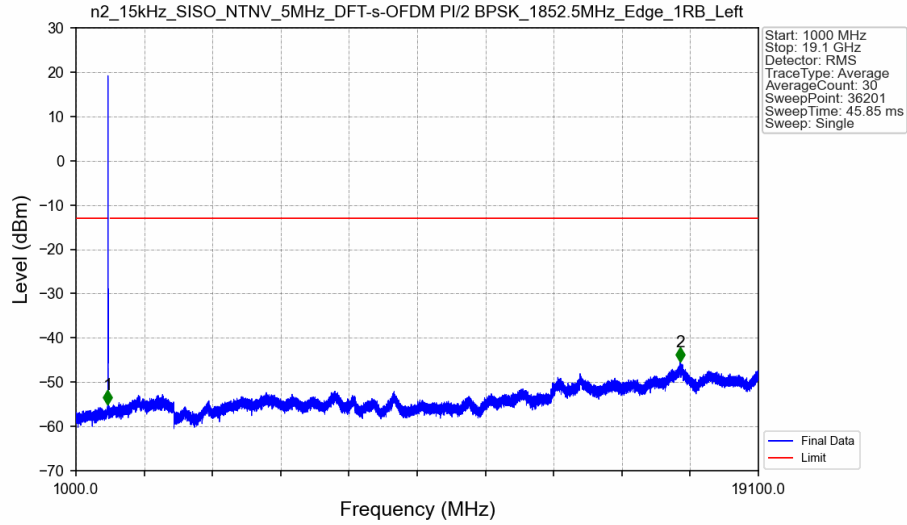
5.2.1 15_S_5M_NTNV



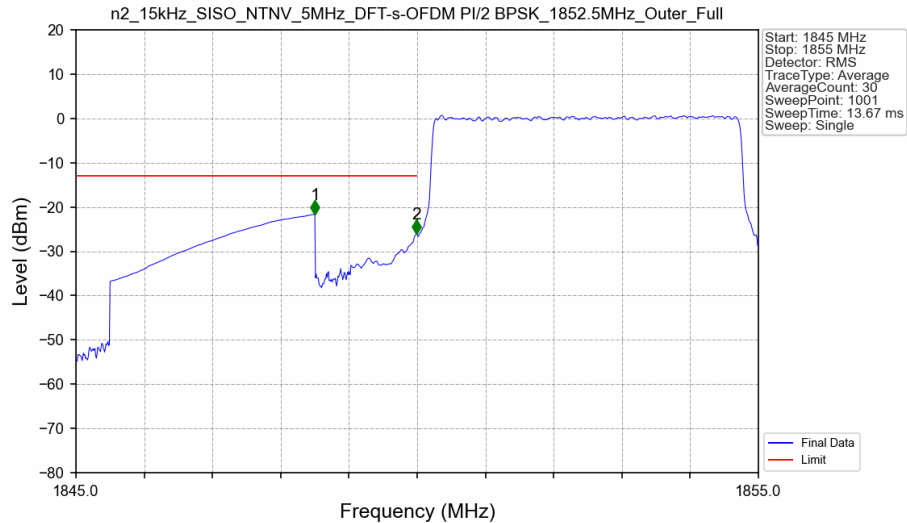


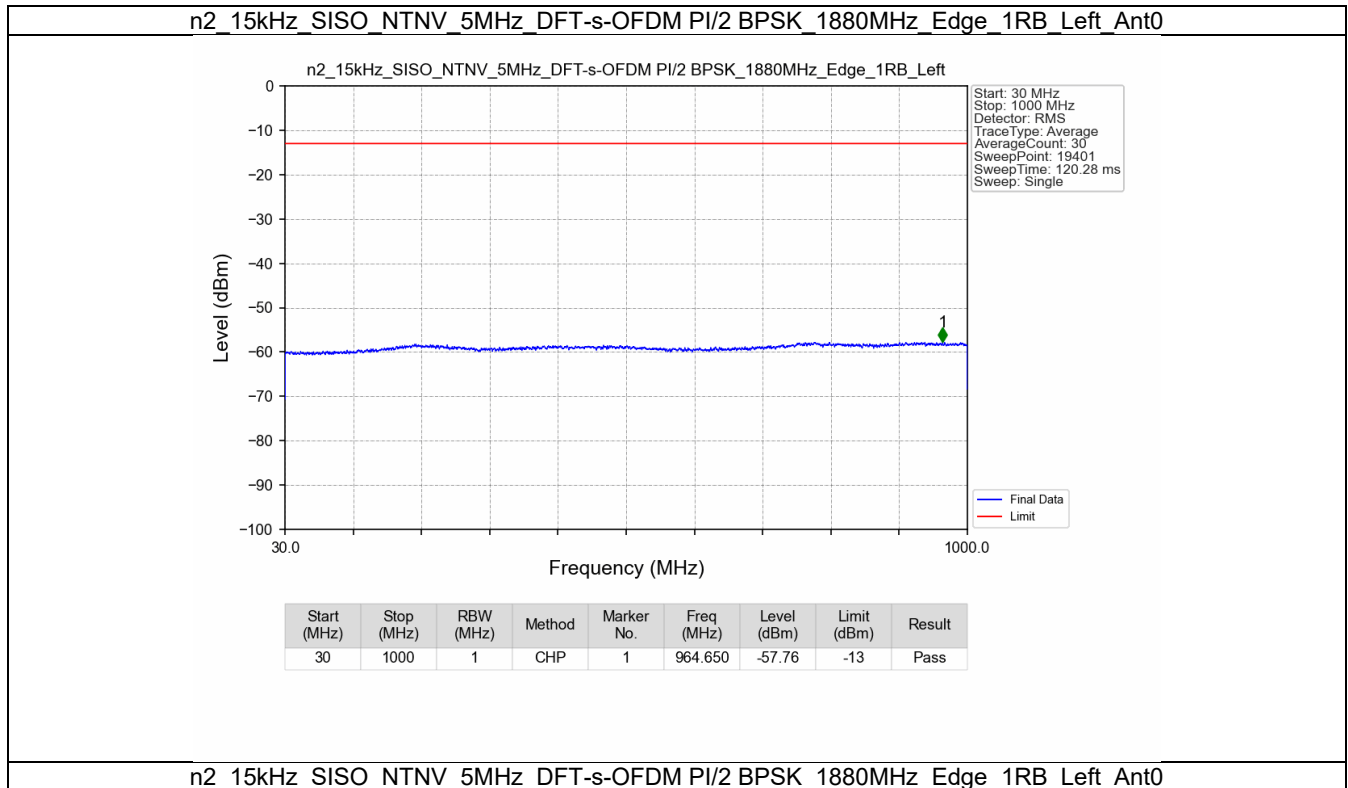
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	941.100	-57.74	-13	Pass

n2_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_1852.5MHz_Edge_1RB_Left_Ant0

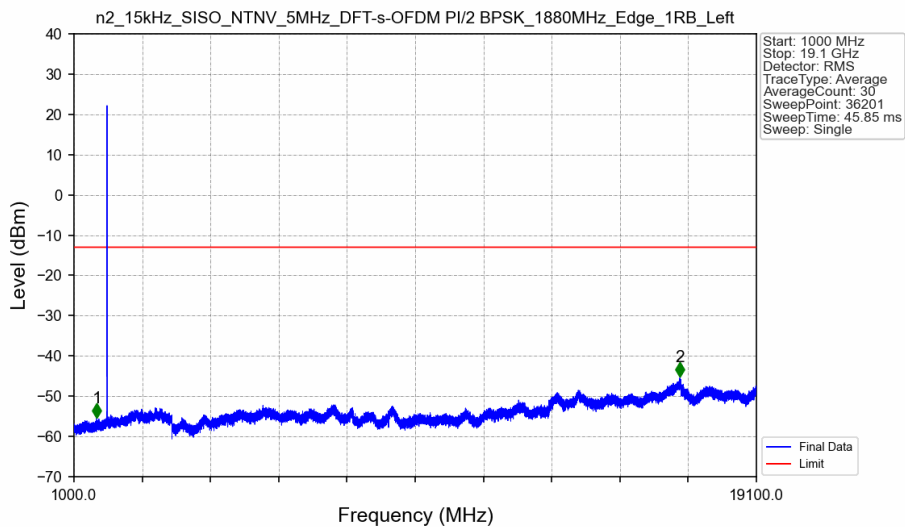


n2_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_1852.5MHz_Outer_Full_Ant0



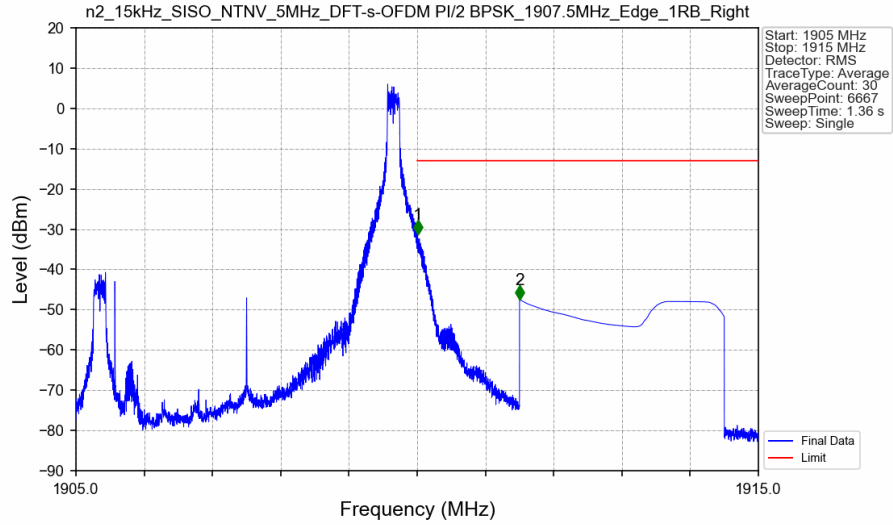


n2_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_1880MHz_Edge_1RB_Left_Ant0



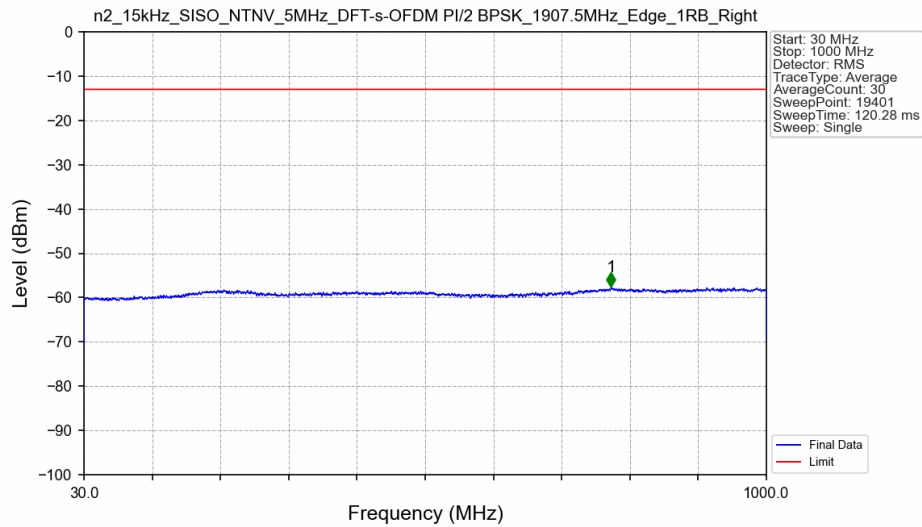
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1849	1	/	1	1603.000	-55.31	-13	Pass
1849	1915	1	/	/	/	/	/	/
1915	19100	1	/	2	17074.000	-45.00	-13	Pass

n2_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_1907.5MHz_Edge_1RB_Right_Ant0



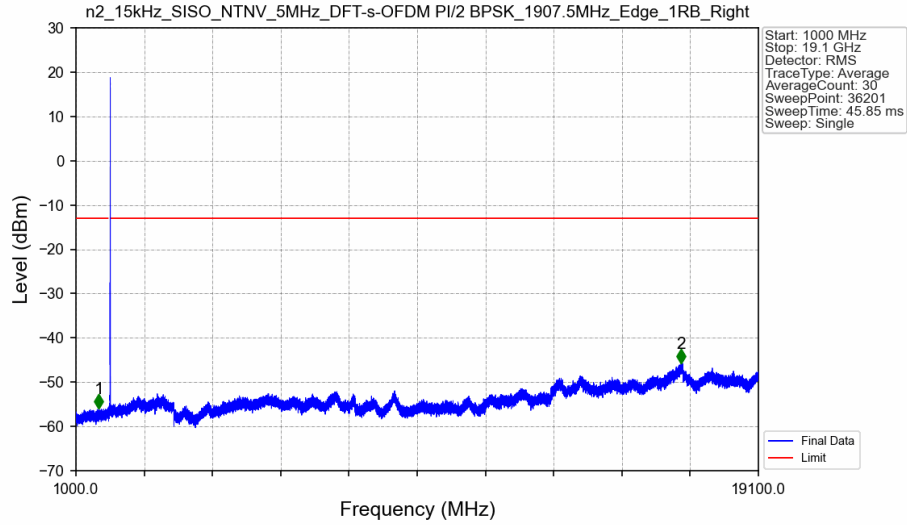
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1905	1910	0.003	/	/	/	/	/	/
1910	1911	0.003	/	1	1910.008	-31.19	-13	Pass
1911	1915	1	CHP	2	1911.500	-47.45	-13	Pass

n2_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_1907.5MHz_Edge_1RB_Right_Ant0

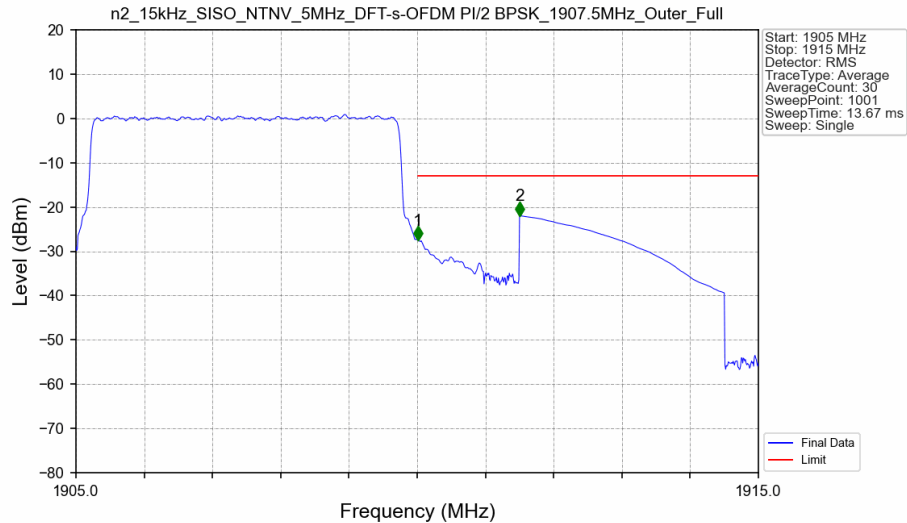


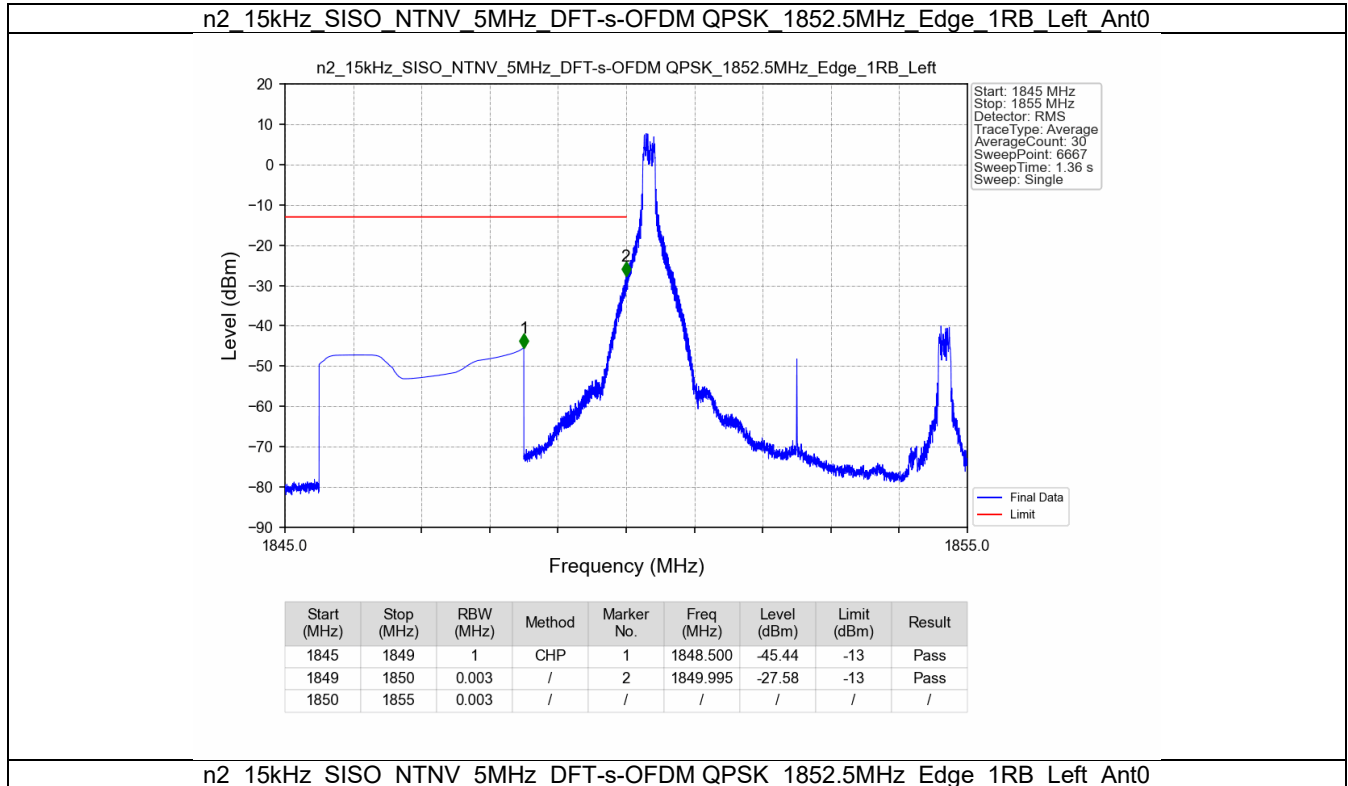
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	779.100	-57.58	-13	Pass

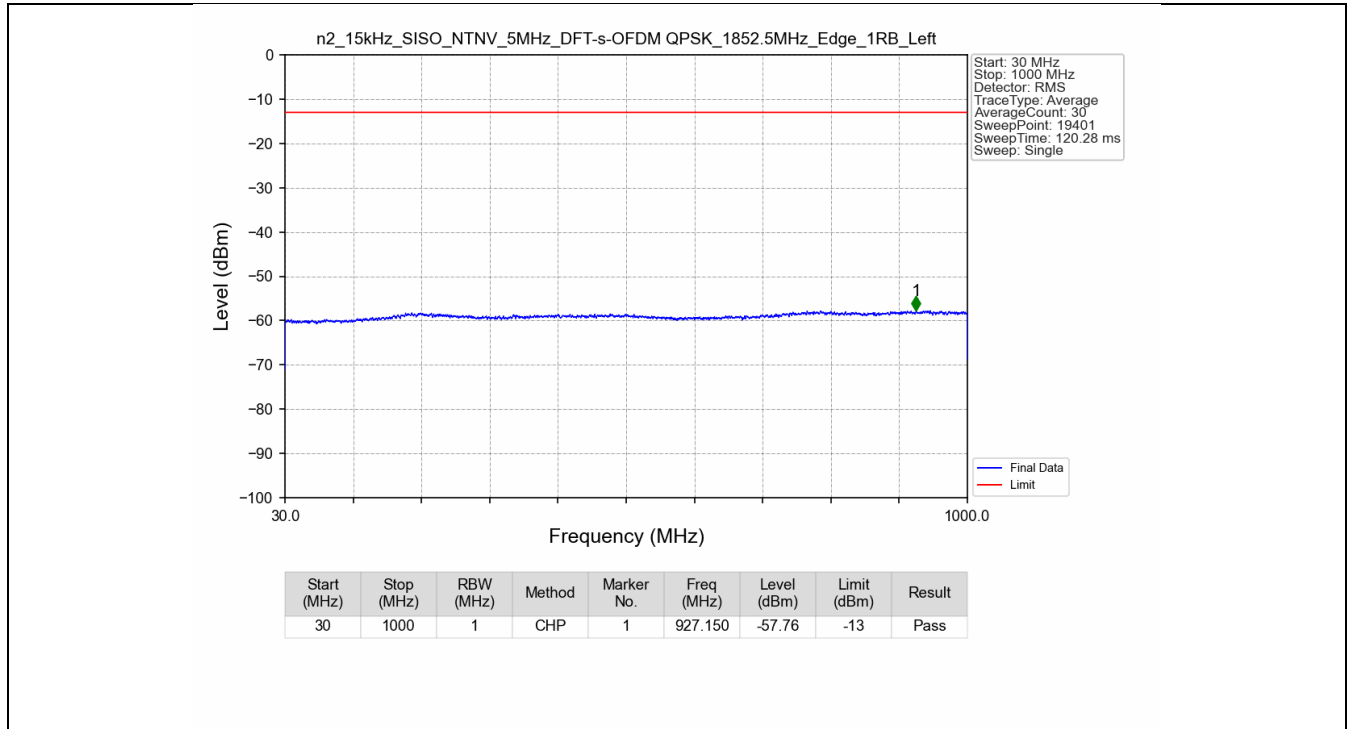
n2_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_1907.5MHz_Edge_1RB_Right_Ant0



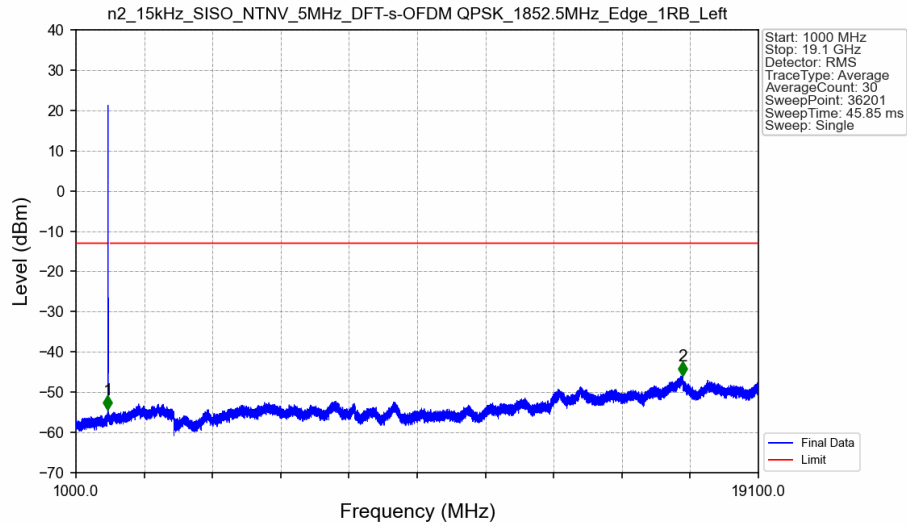
n2_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_1907.5MHz_Outer_Full_Ant0





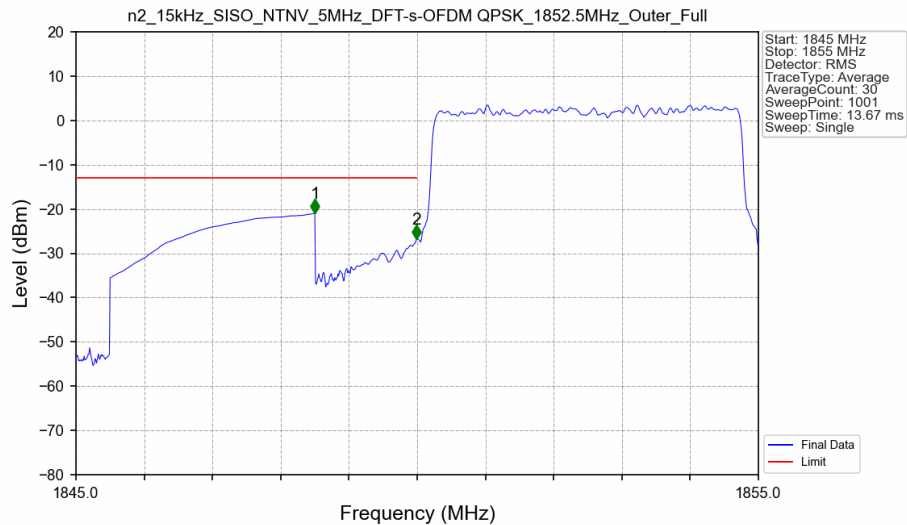


n2_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_1852.5MHz_Edge_1RB_Left_Ant0

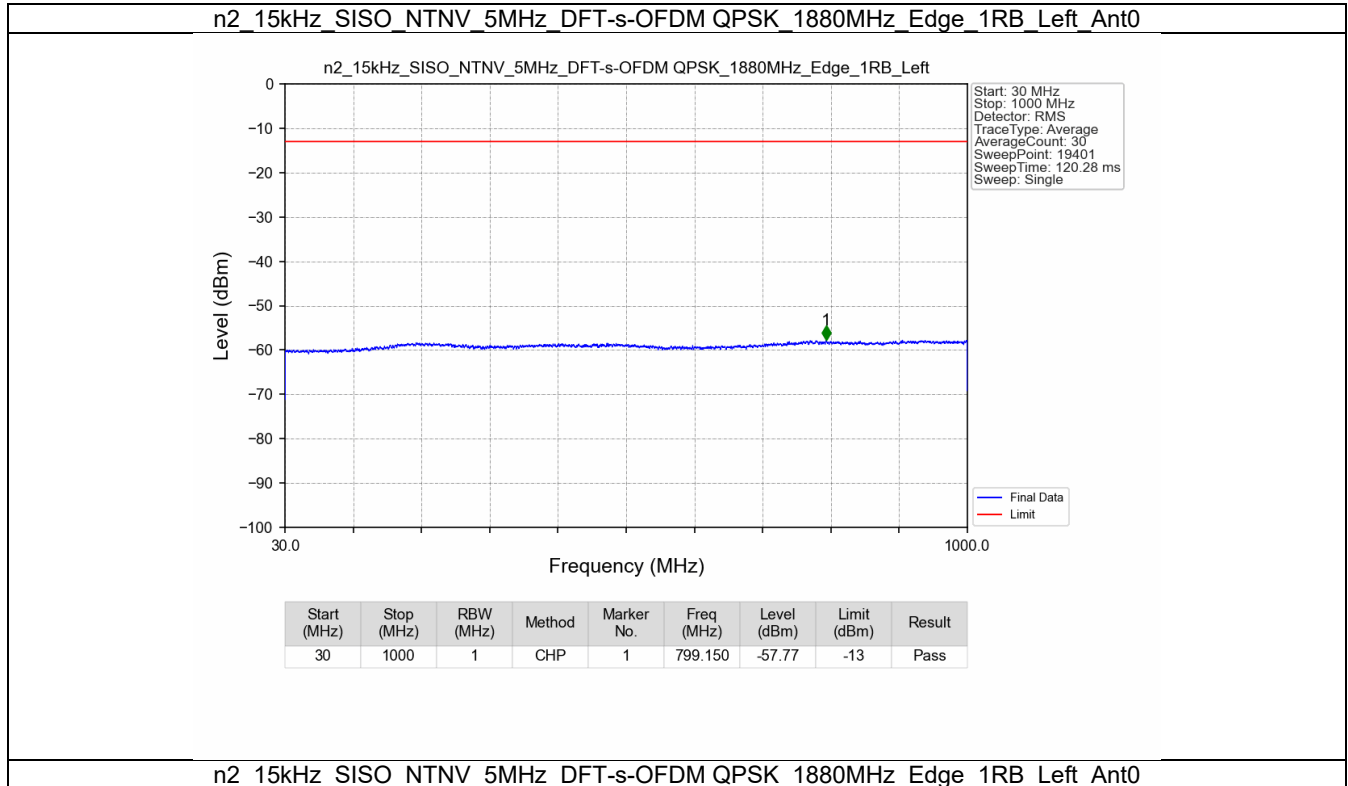


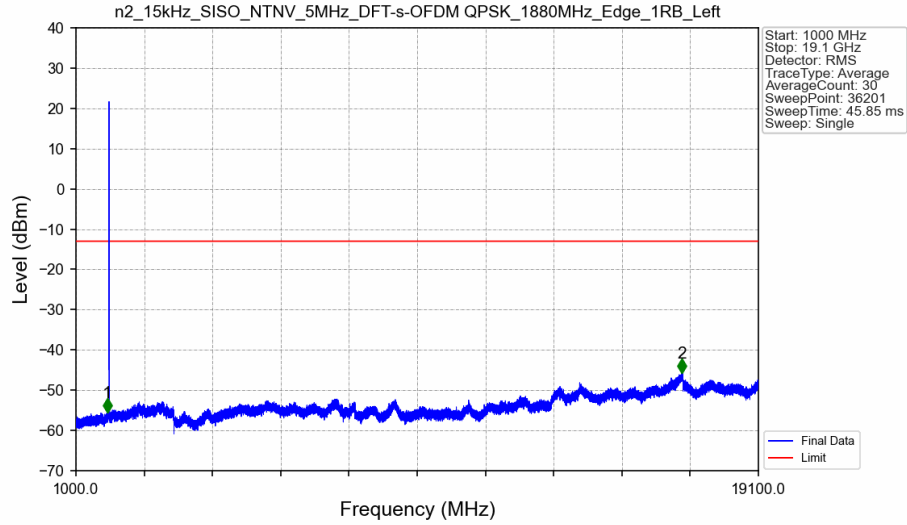
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1849	1	/	1	1844.500	-54.32	-13	Pass
1849	1915	1	/	/	/	/	/	/
1915	19100	1	/	2	17092.000	-45.88	-13	Pass

n2_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_1852.5MHz_Outer_Full_Ant0



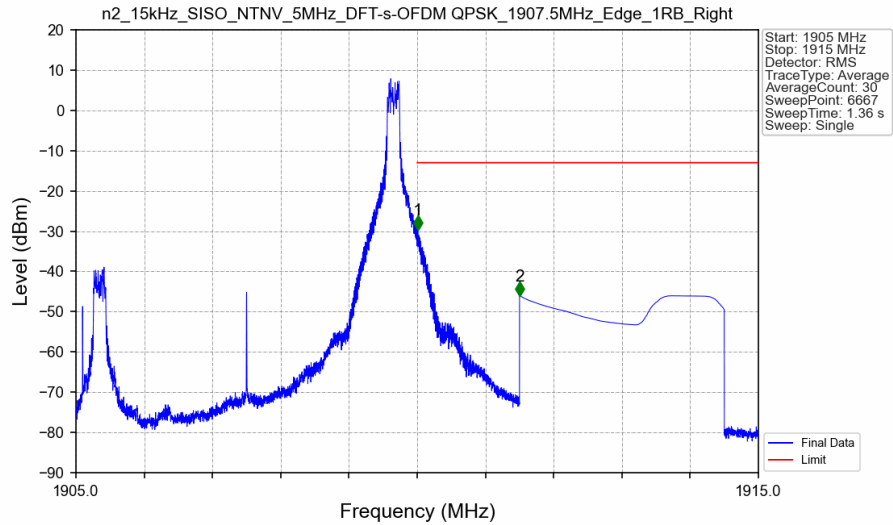
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1845	1849	1	CHP	1	1848.500	-20.98	-13	Pass
1849	1850	0.05248	CHP	2	1849.990	-26.71	-13	Pass
1850	1855	0.05248	CHP	/	/	/	/	/





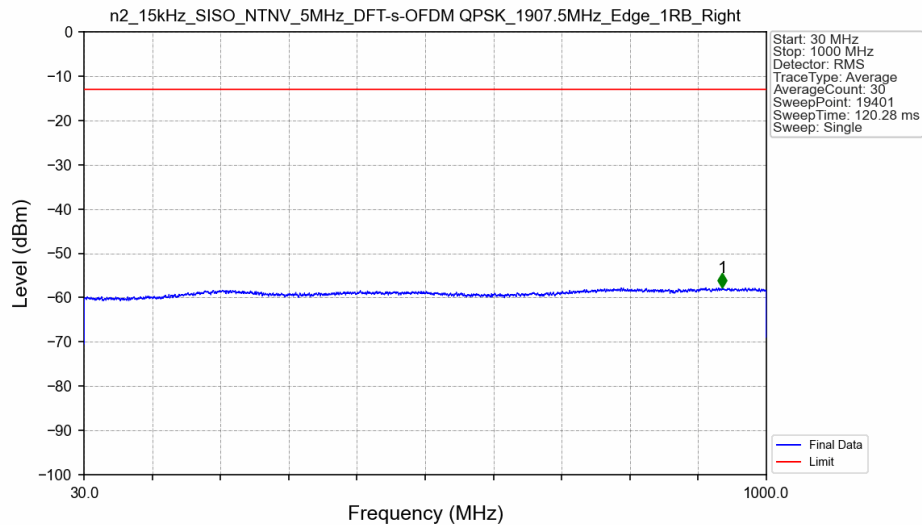
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1849	1	/	1	1832.500	-55.43	-13	Pass
1849	1915	1	/	/	/	/	/	/
1915	19100	1	/	2	17066.000	-45.73	-13	Pass

n2_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_1907.5MHz_Edge_1RB_Right_Ant0

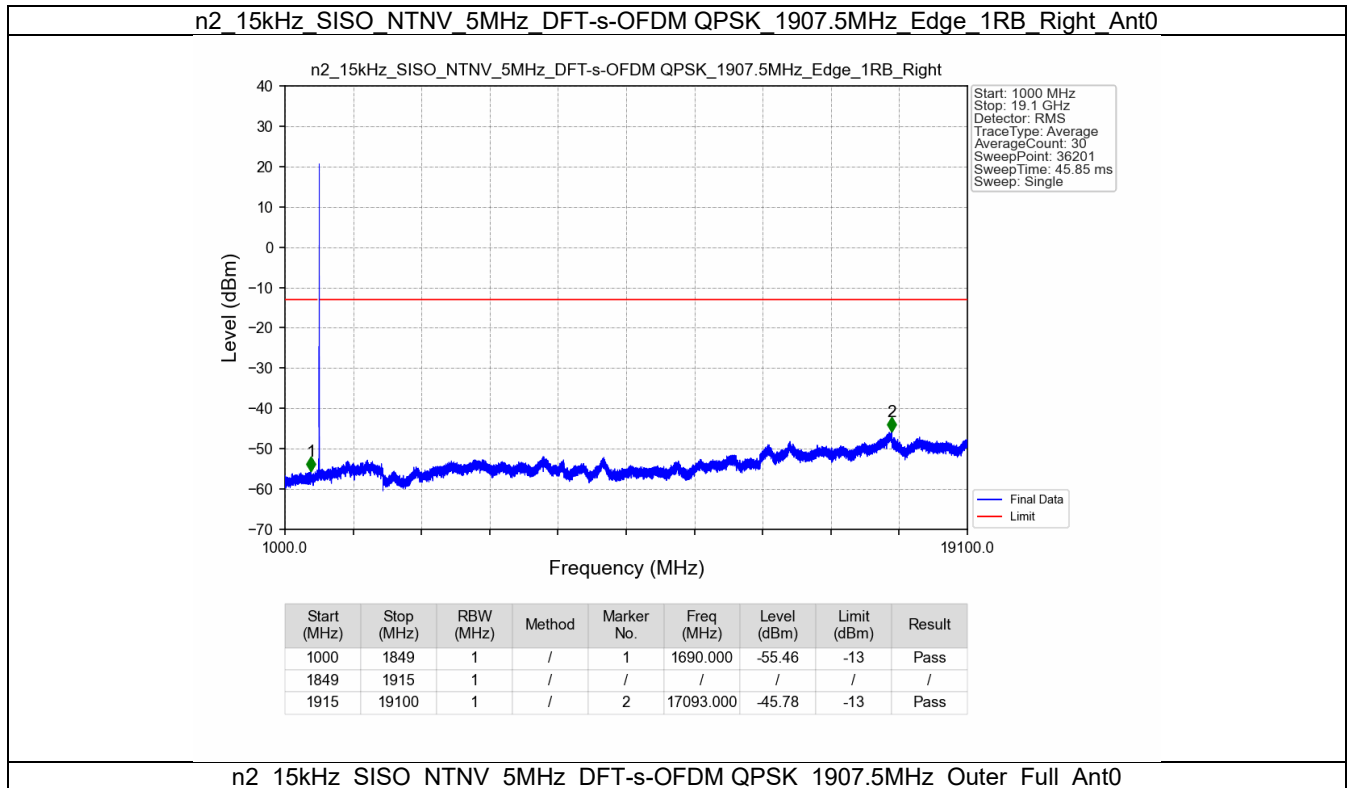


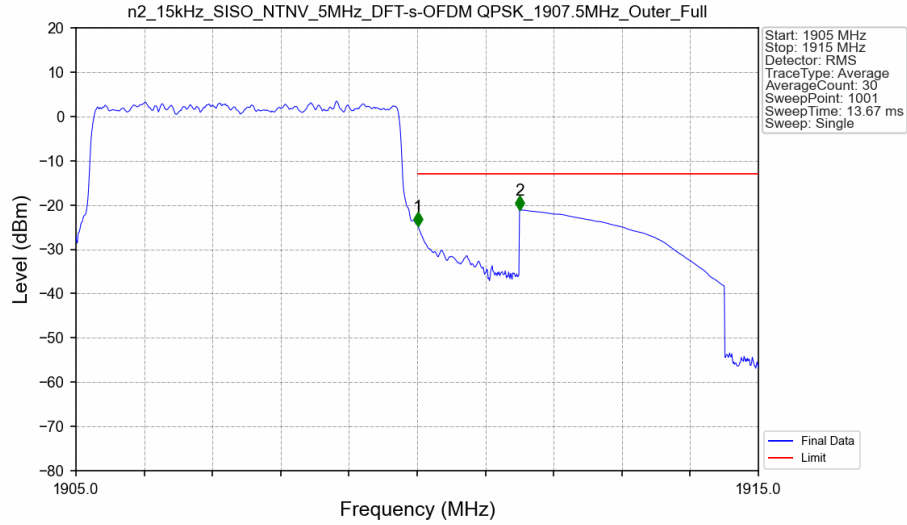
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1905	1910	0.003	/	/	/	/	/	/
1910	1911	0.003	/	1	1910.009	-29.72	-13	Pass
1911	1915	1	CHP	2	1911.500	-45.99	-13	Pass

n2_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_1907.5MHz_Edge_1RB_Right_Ant0



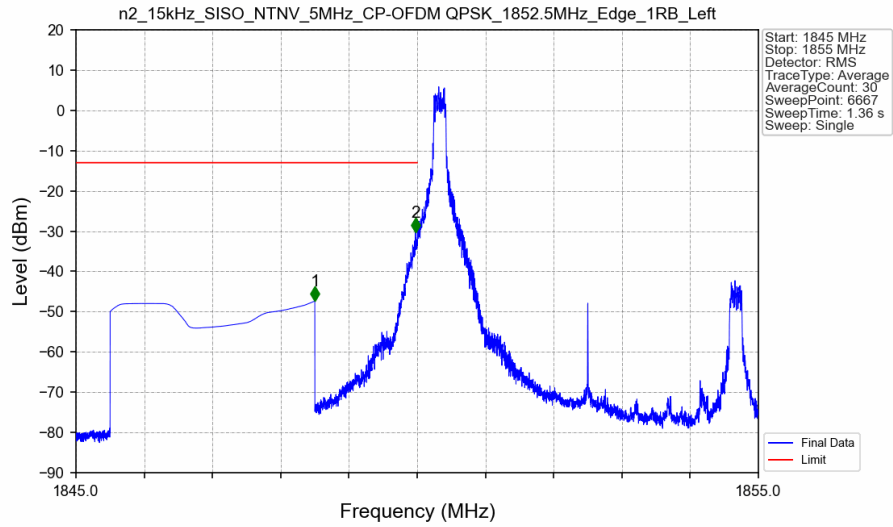
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	937.500	-57.75	-13	Pass



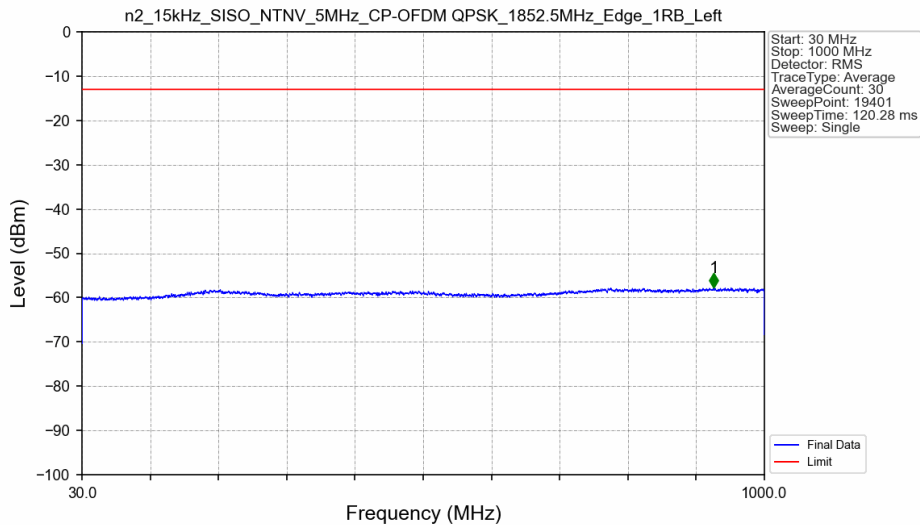


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1905	1910	0.05248	CHP	/	/	/	/	/
1910	1911	0.05248	CHP	1	1910.010	-24.76	-13	Pass
1911	1915	1	CHP	2	1911.500	-21.10	-13	Pass

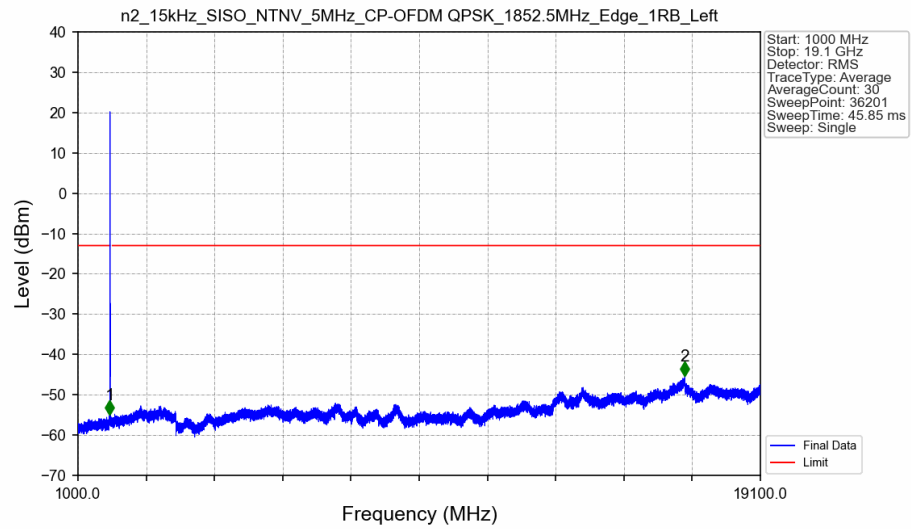
n2_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_1852.5MHz_Edge_1RB_Left_Ant0



n2_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_1852.5MHz_Edge_1RB_Left_Ant0

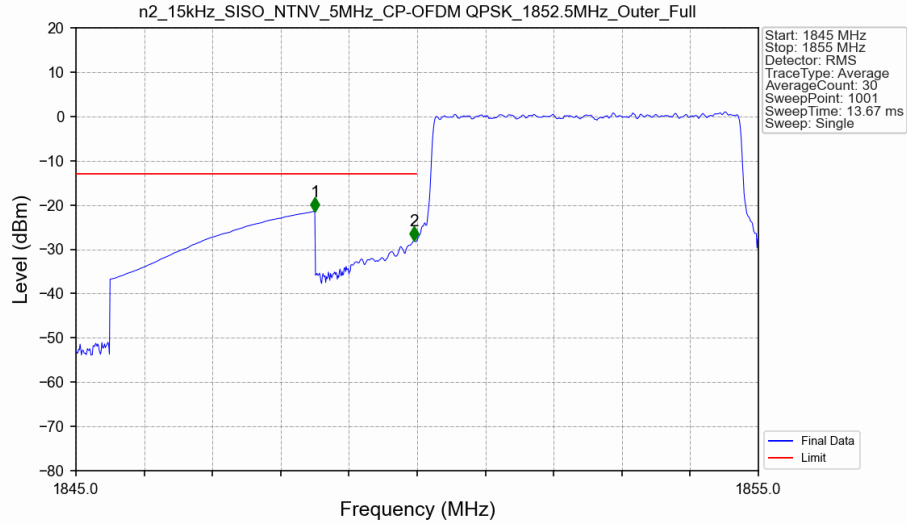


n2_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_1852.5MHz_Edge_1RB_Left_Ant0



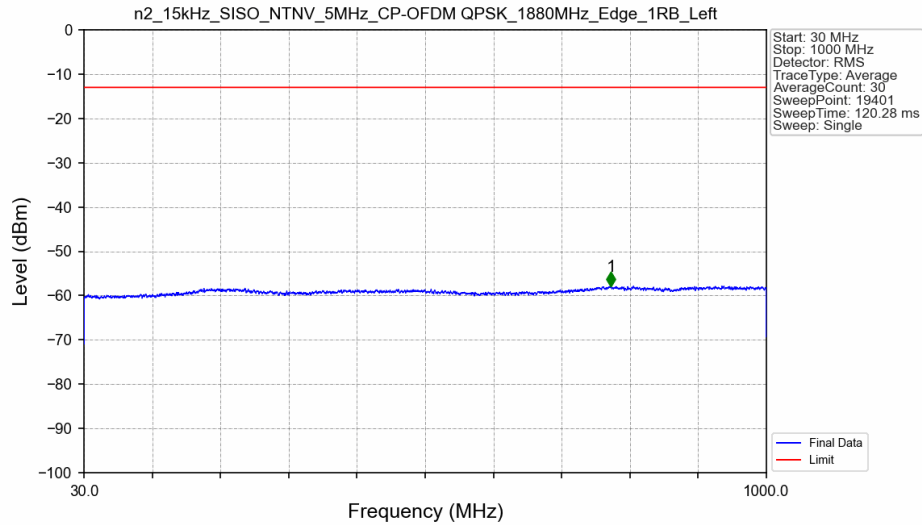
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1849	1	/	1	1844.000	-54.87	-13	Pass
1849	1915	1	/	/	/	/	/	/
1915	19100	1	/	2	17095.000	-45.22	-13	Pass

n2_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_1852.5MHz_Outer_Full_Ant0

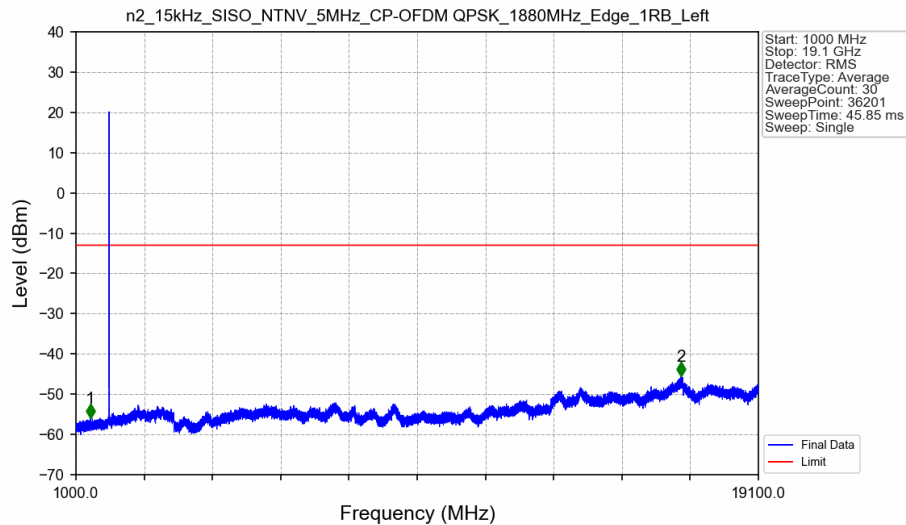


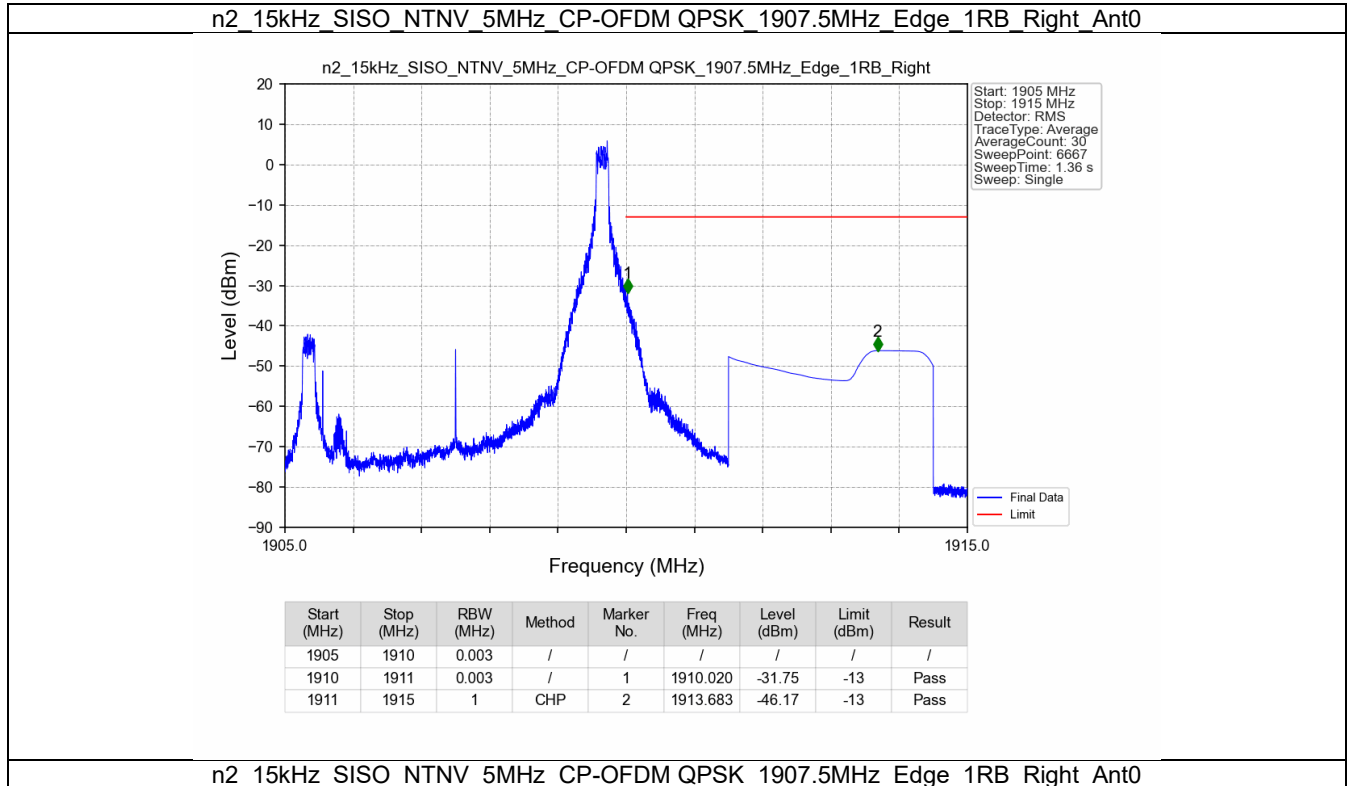
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1845	1849	1	CHP	1	1848.500	-21.42	-13	Pass
1849	1850	0.05248	CHP	2	1849.950	-27.96	-13	Pass
1850	1855	0.05248	CHP	/	/	/	/	/

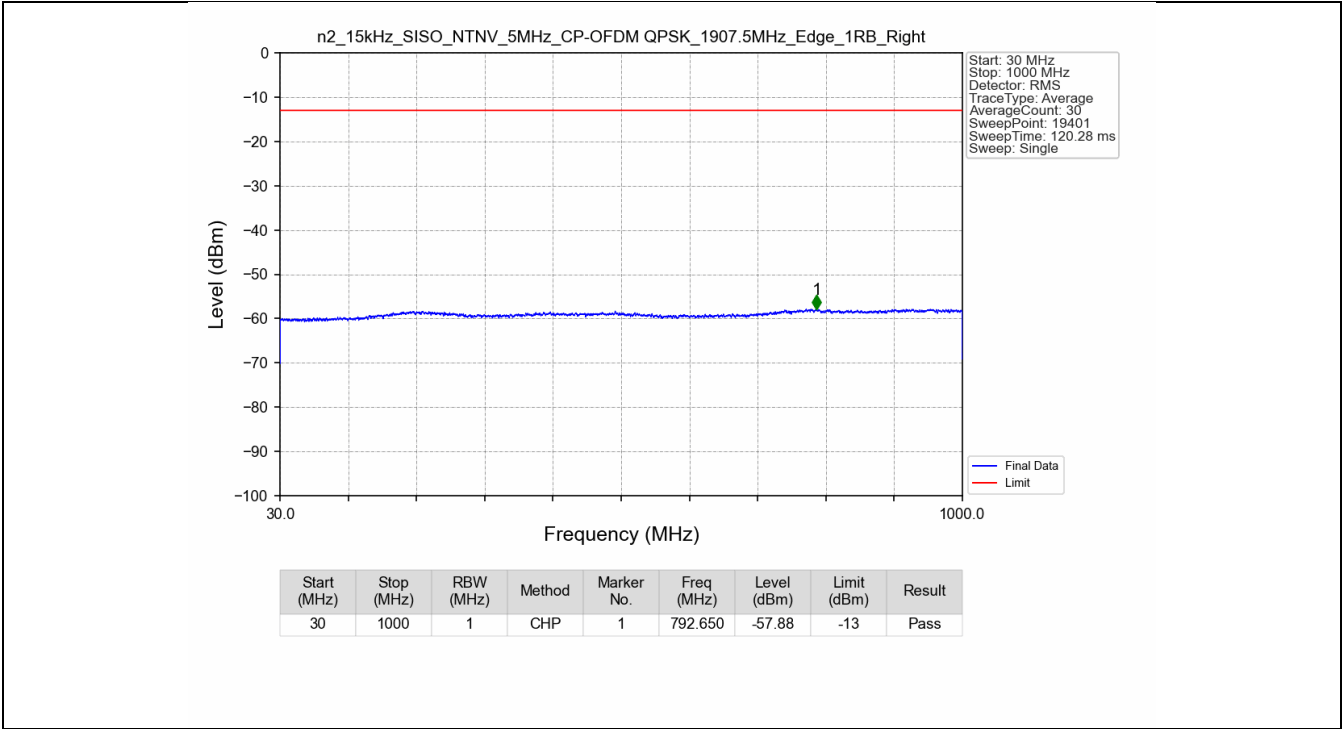
n2_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_1880MHz_Edge_1RB_Left_Ant0



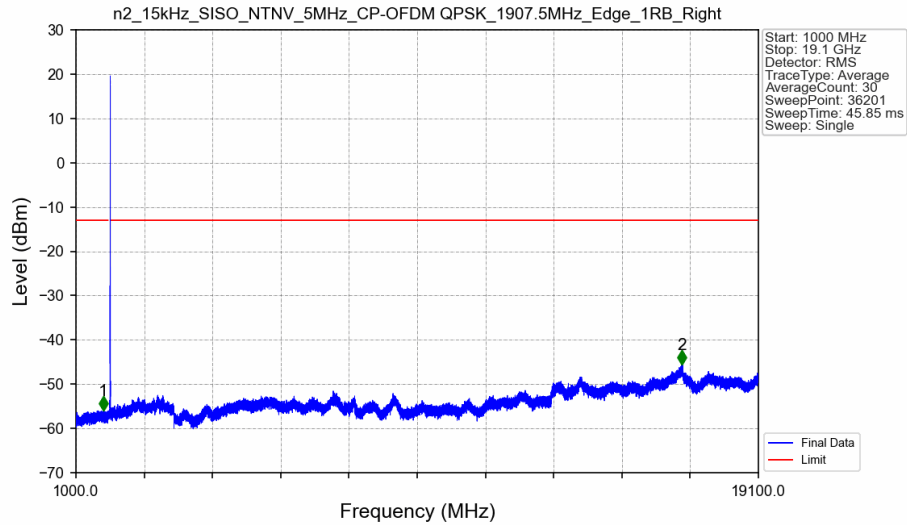
n2_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_1880MHz_Edge_1RB_Left_Ant0



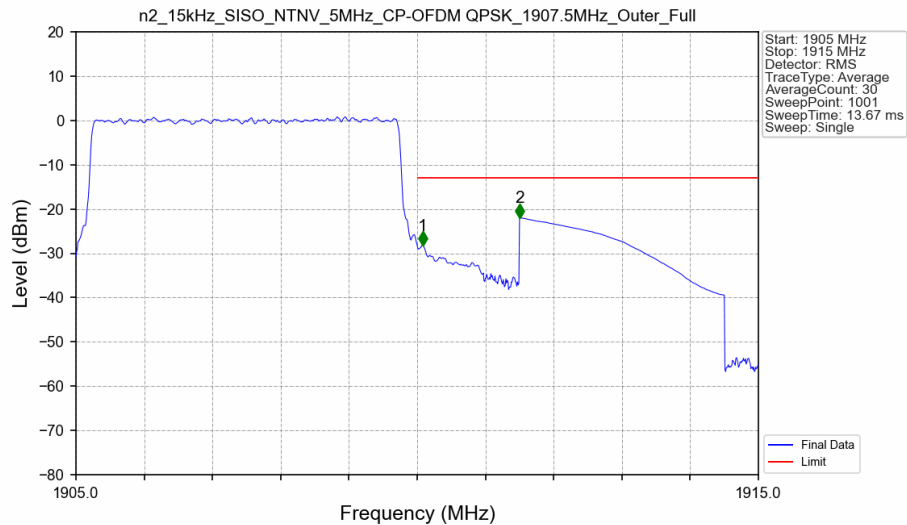




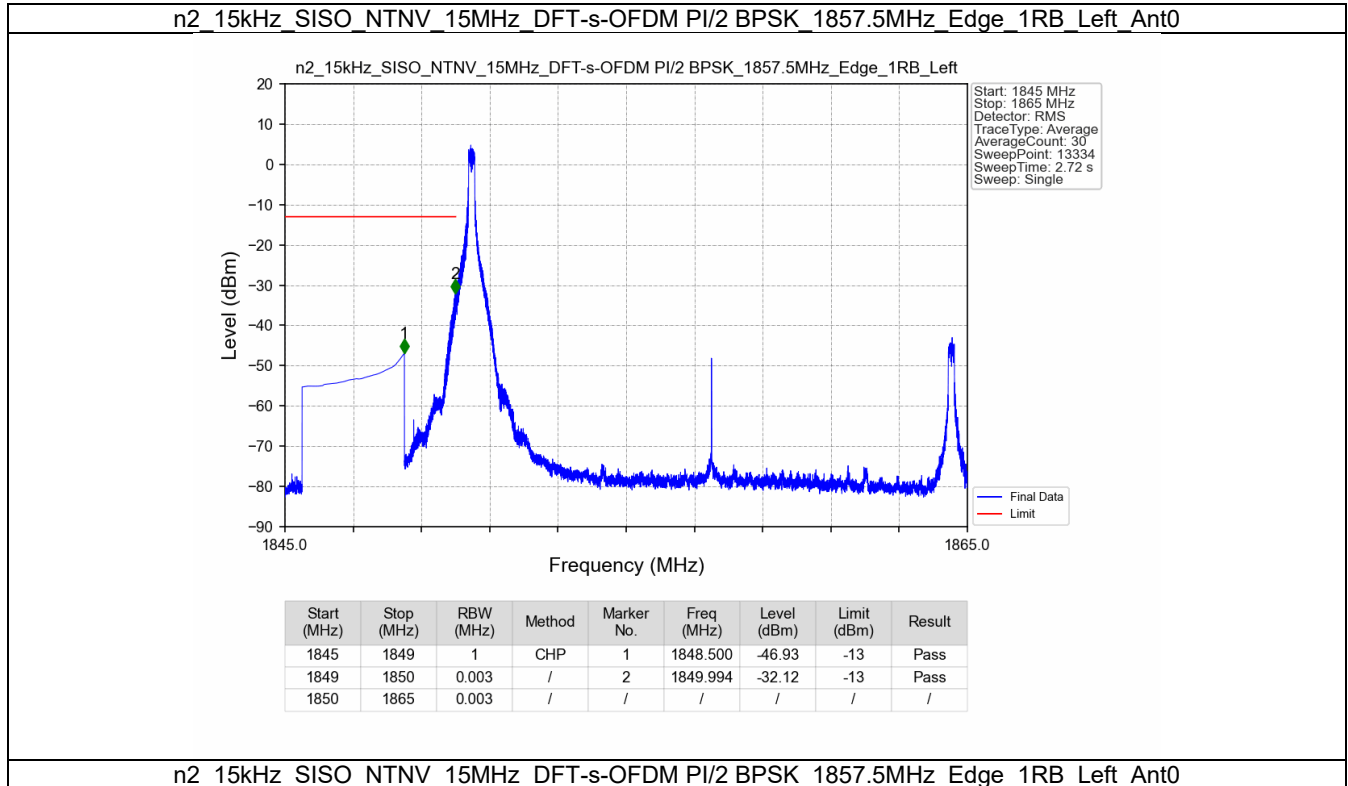
n2_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_1907.5MHz_Edge_1RB_Right_Ant0

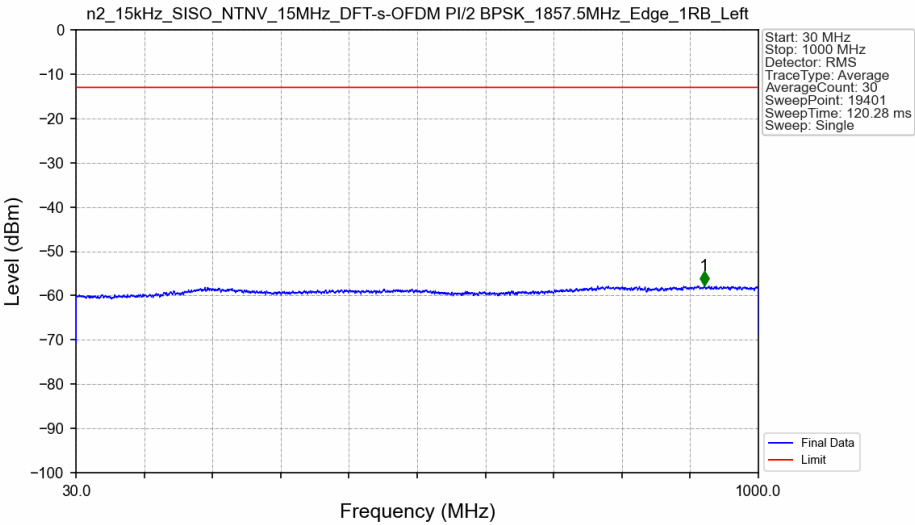


n2_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_1907.5MHz_Outer_Full_Ant0



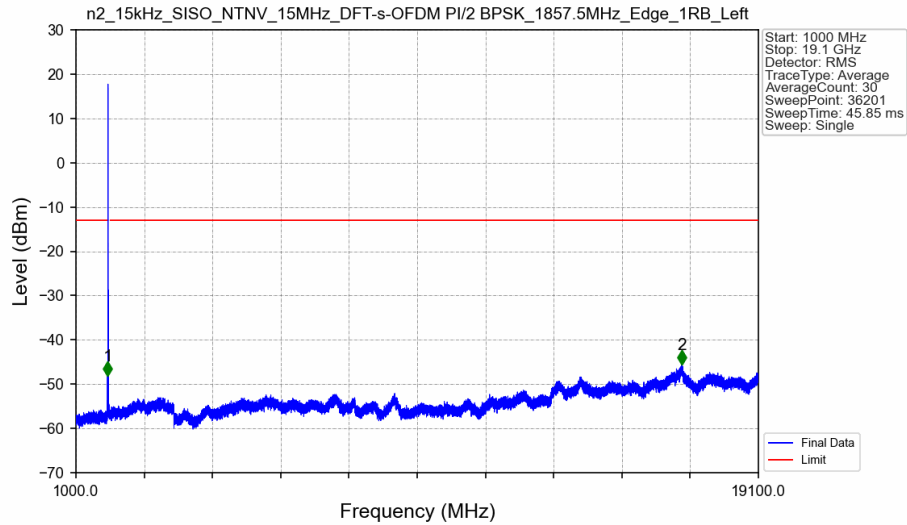
5.2.2 15_S_15M_NTNV





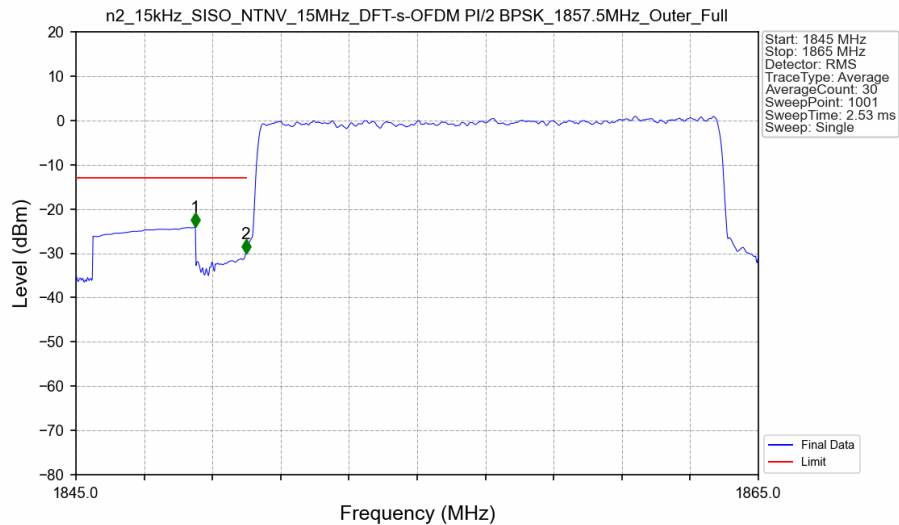
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	922.950	-57.67	-13	Pass

n2_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_1857.5MHz_Edge_1RB_Left_Ant0

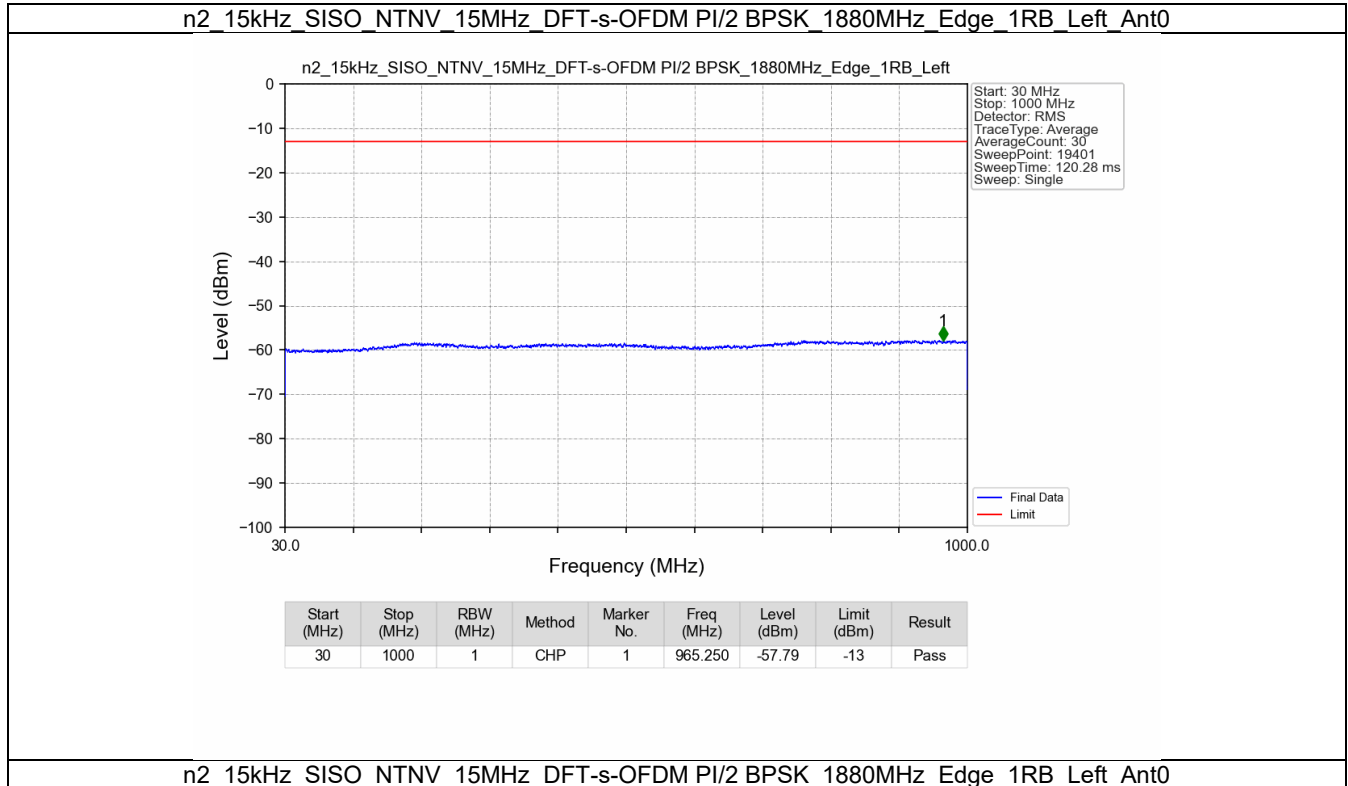


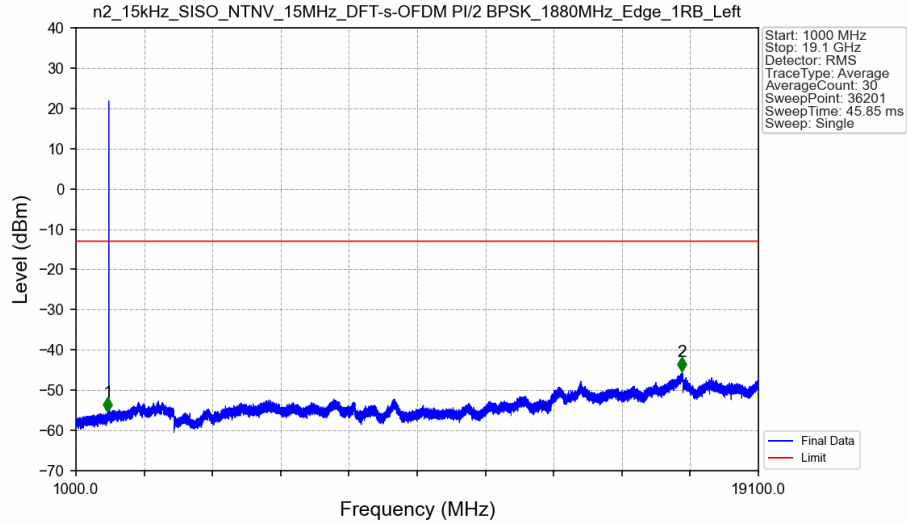
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1849	1	/	1	1836.000	-48.11	-13	Pass
1849	1915	1	/	/	/	/	/	/
1915	19100	1	/	2	17063.000	-45.51	-13	Pass

n2_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_1857.5MHz_Outer_Full_Ant0



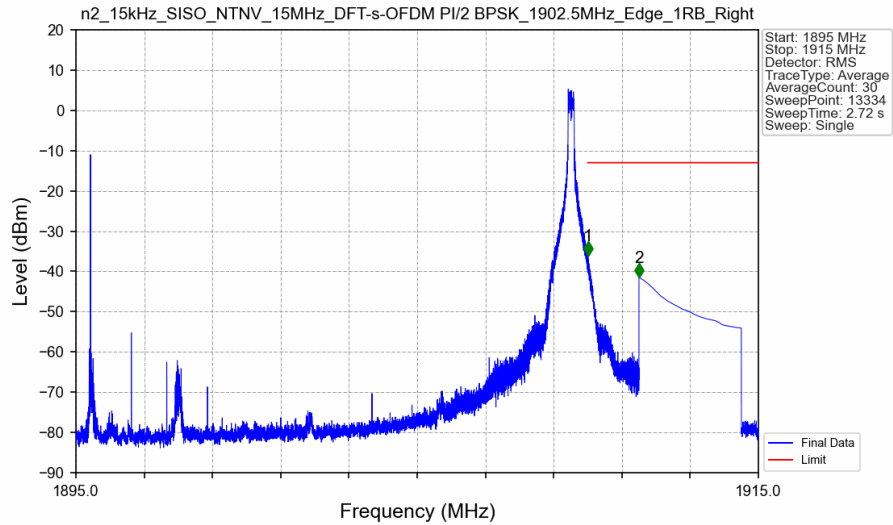
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1845	1849	1	CHP	1	1848.500	-24.07	-13	Pass
1849	1850	0.14348	CHP	2	1849.980	-30.00	-13	Pass
1850	1865	0.14348	CHP	/	/	/	/	/





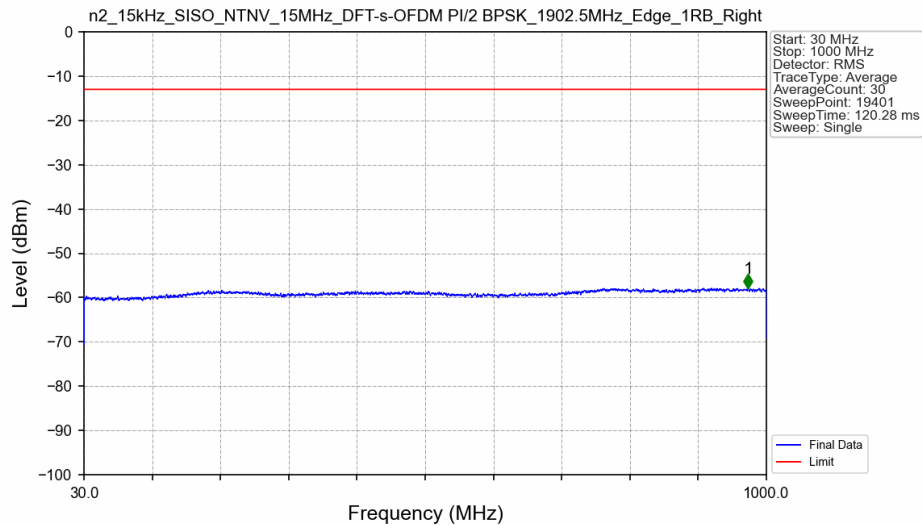
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1849	1	/	1	1841.000	-55.41	-13	Pass
1849	1915	1	/	/	/	/	/	/
1915	19100	1	/	2	17078.000	-45.24	-13	Pass

n2_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_1902.5MHz_Edge_1RB_Right_Ant0

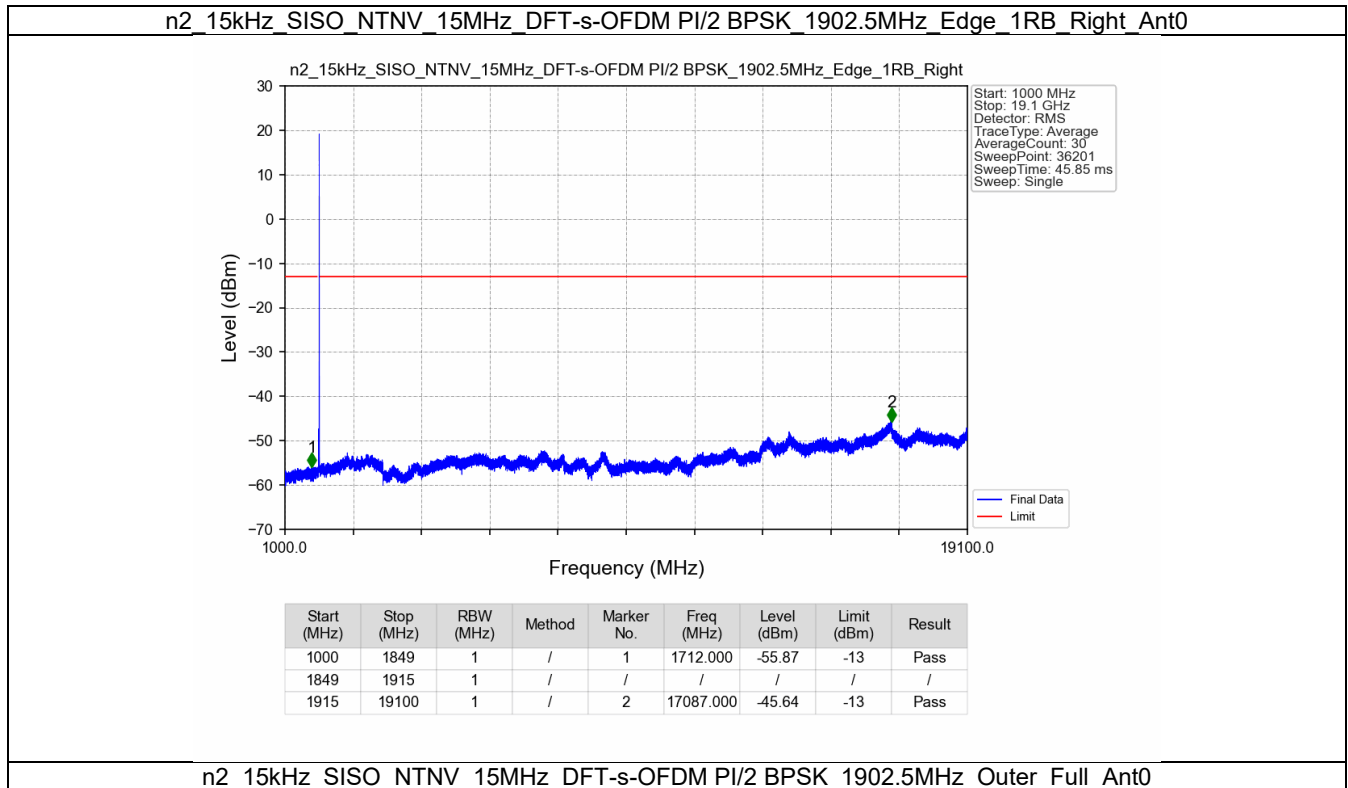


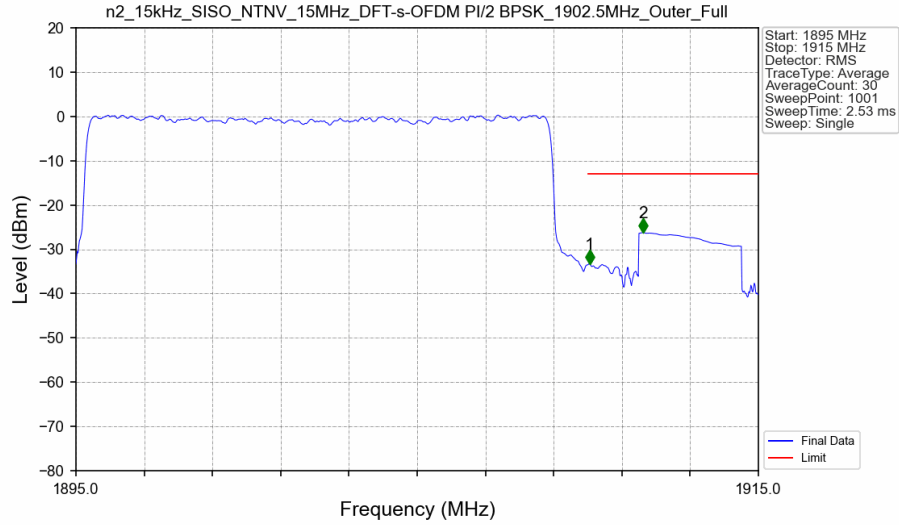
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1895	1910	0.003	/	/	/	/	/	/
1910	1911	0.003	/	1	1910.006	-36.05	-13	Pass
1911	1915	1	CHP	2	1911.500	-41.46	-13	Pass

n2_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_1902.5MHz_Edge_1RB_Right_Ant0



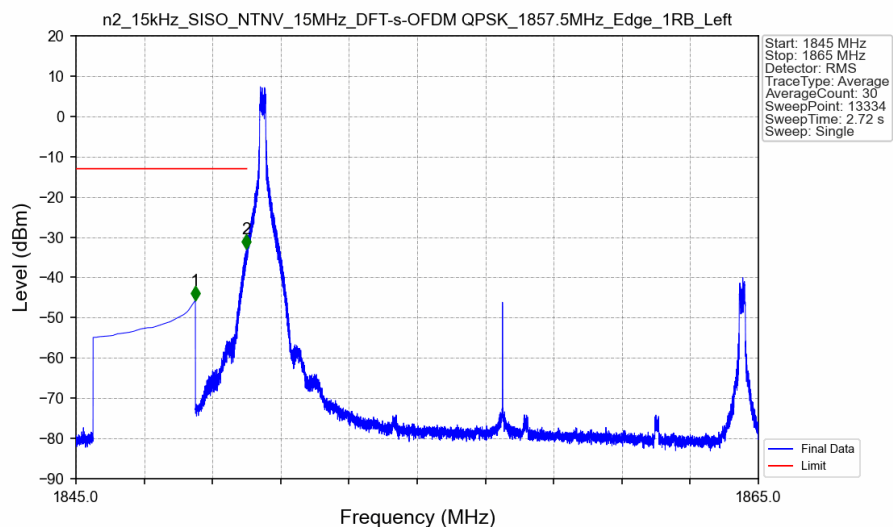
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	974.100	-57.83	-13	Pass





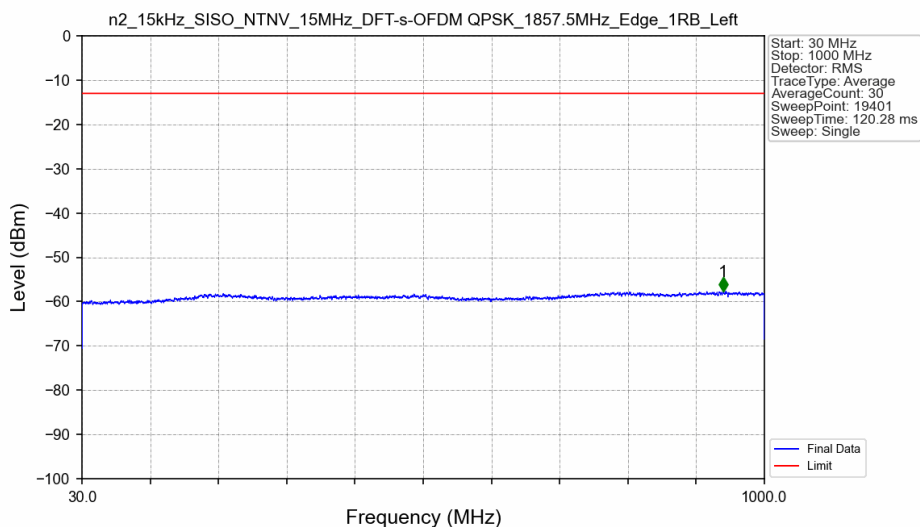
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1895	1910	0.14348	CHP	/	/	/	/	/
1910	1911	0.14348	CHP	1	1910.060	-33.23	-13	Pass
1911	1915	1	CHP	2	1911.620	-26.23	-13	Pass

n2_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_1857.5MHz_Edge_1RB_Left_Ant0

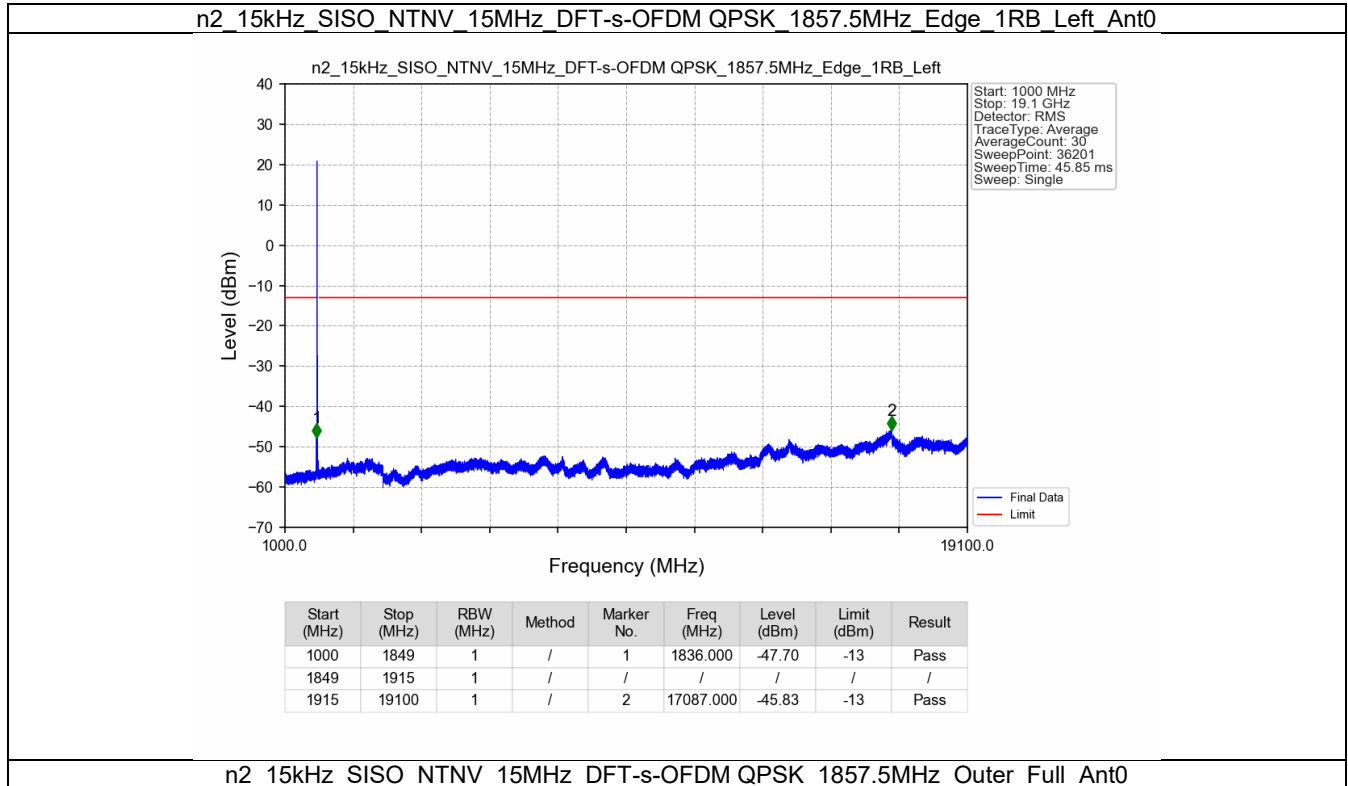


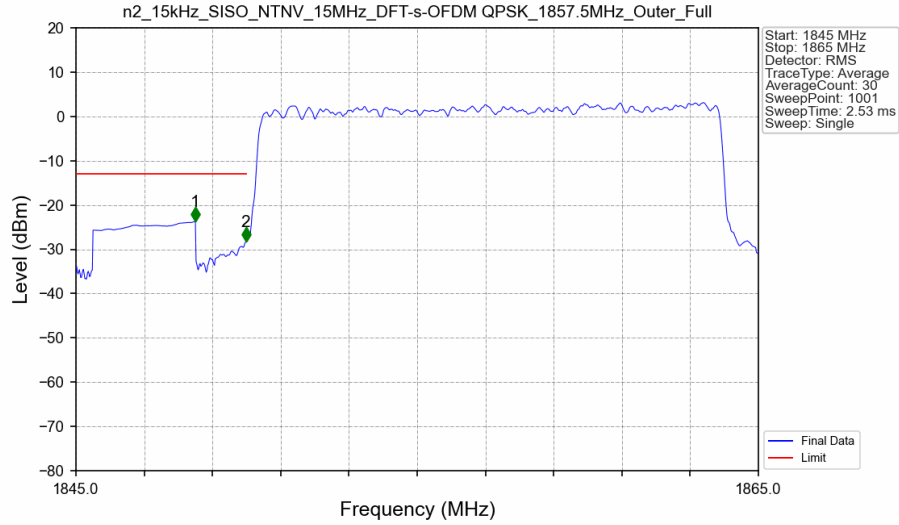
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1845	1849	1	CHP	1	1848.500	-45.68	-13	Pass
1849	1850	0.003	/	2	1849.995	-32.77	-13	Pass
1850	1865	0.003	/	/	/	/	/	/

n2_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_1857.5MHz_Edge_1RB_Left_Ant0



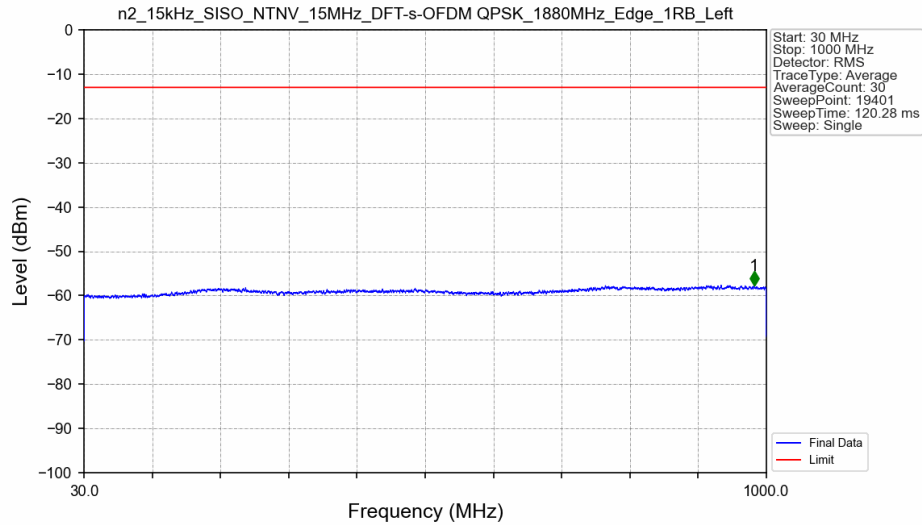
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	941.250	-57.64	-13	Pass





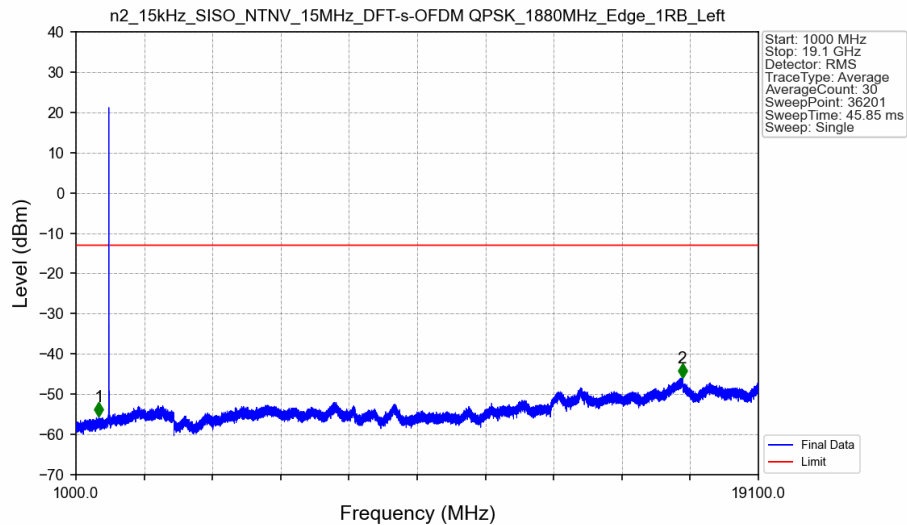
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1845	1849	1	CHP	1	1848.500	-23.70	-13	Pass
1849	1850	0.14348	CHP	2	1849.980	-28.18	-13	Pass
1850	1865	0.14348	CHP	/	/	/	/	/

n2_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_1880MHz_Edge_1RB_Left_Ant0

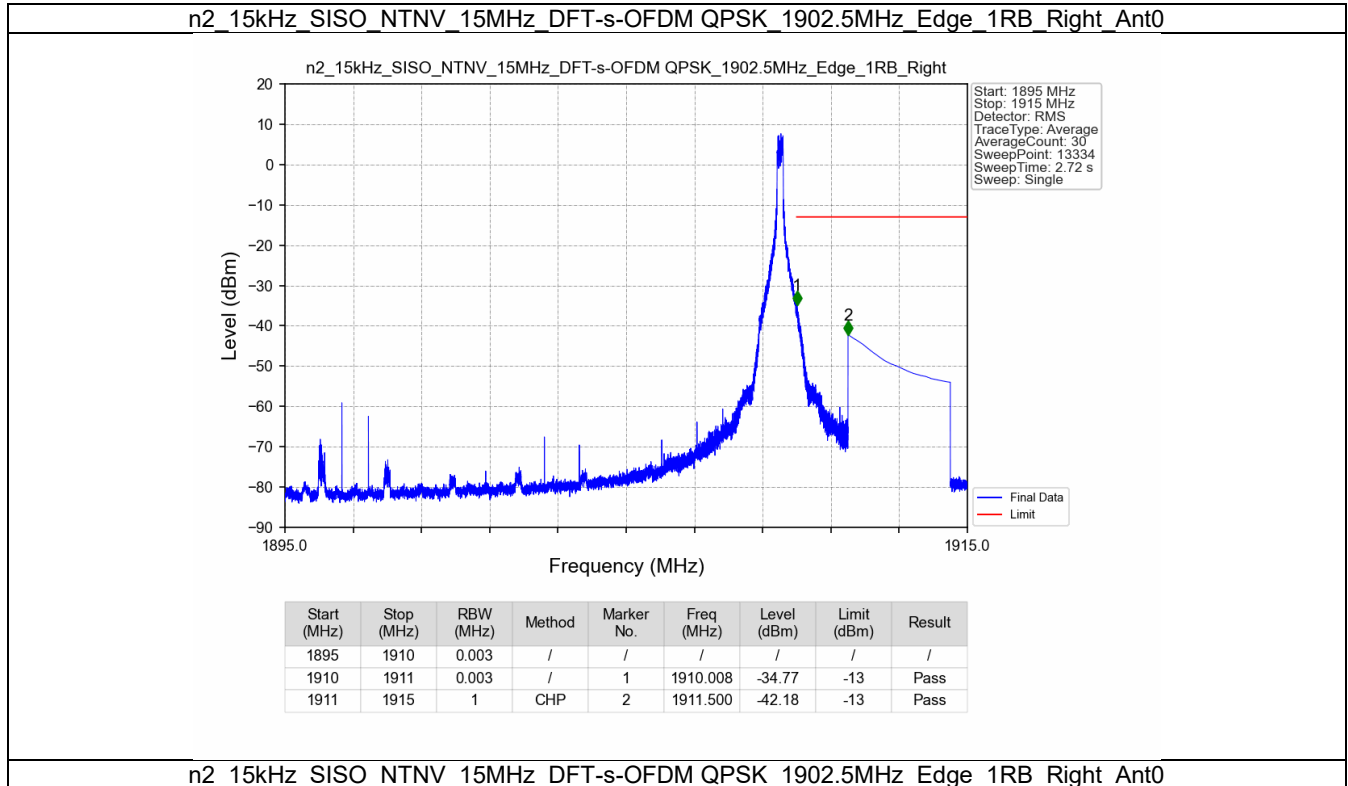


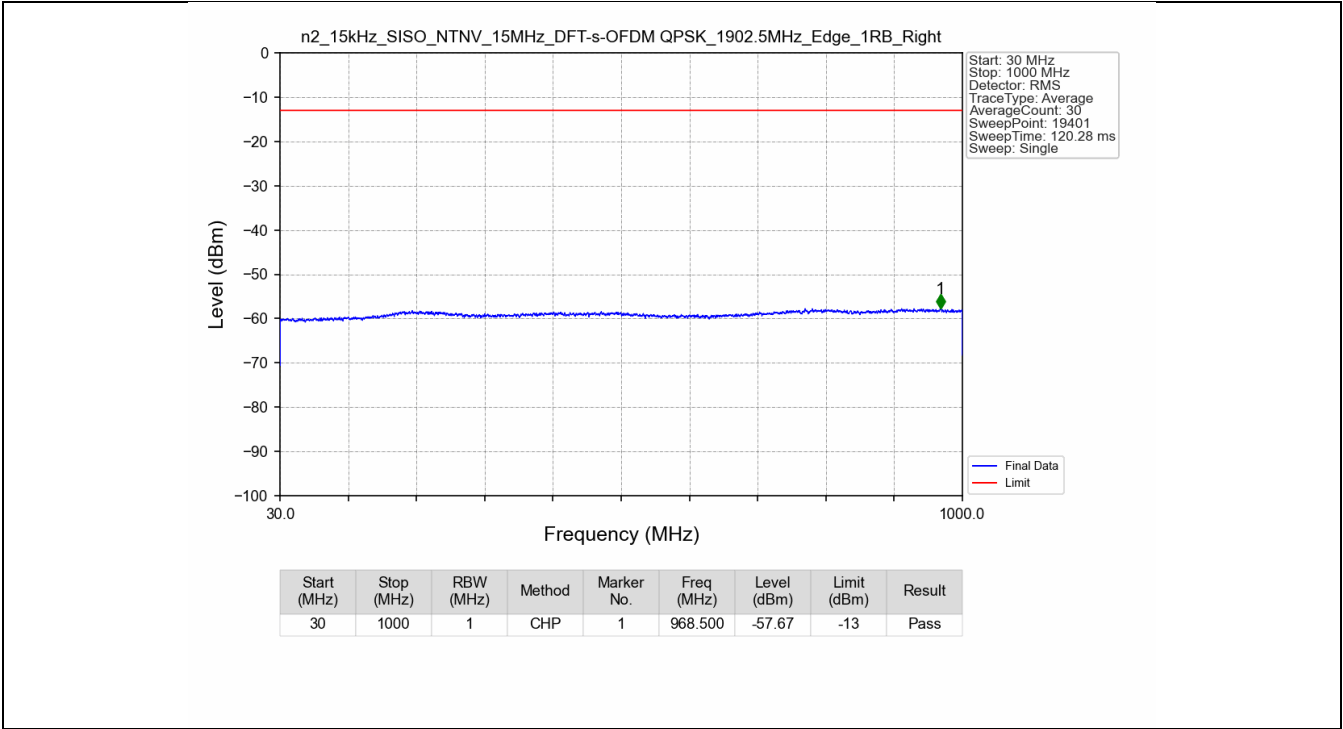
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	982.250	-57.64	-13	Pass

n2_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_1880MHz_Edge_1RB_Left_Ant0

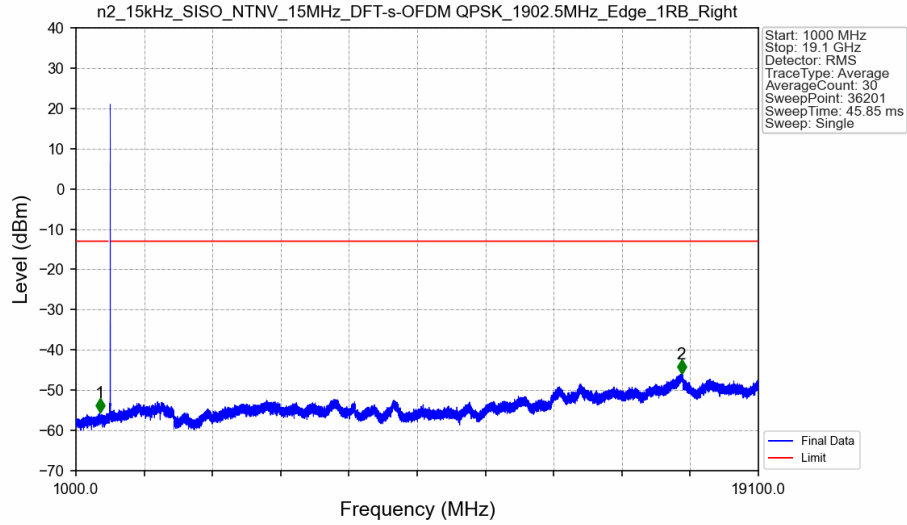


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1849	1	/	1	1609.000	-55.49	-13	Pass
1849	1915	1	/	/	/	/	/	/
1915	19100	1	/	2	17082.000	-45.85	-13	Pass



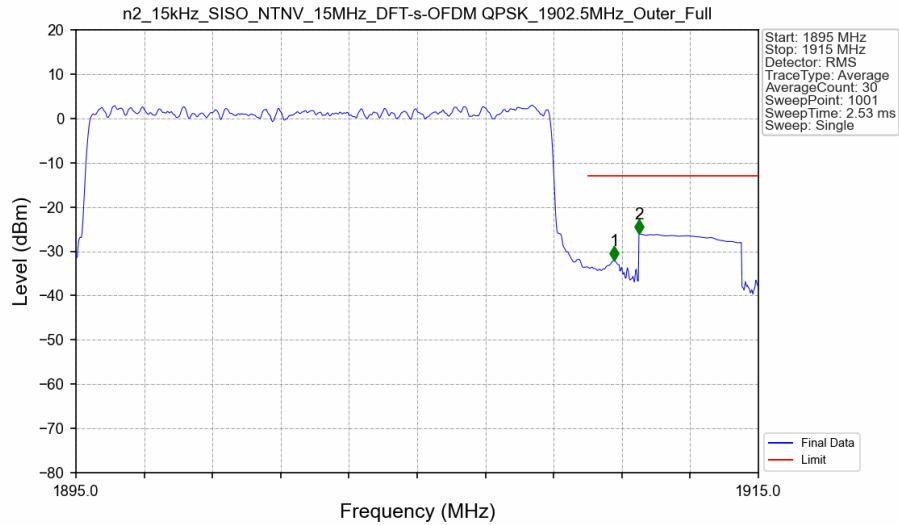


n2_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_1902.5MHz_Edge_1RB_Right_Ant0



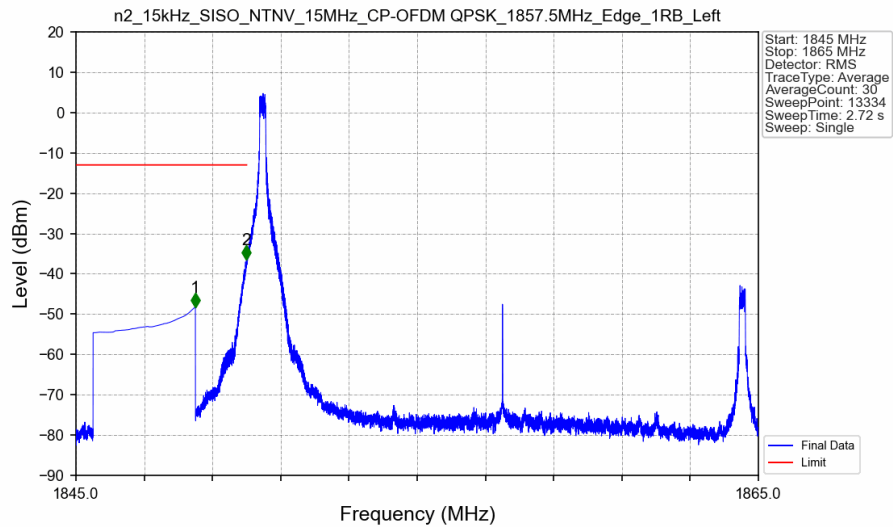
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1849	1	/	1	1631.500	-55.48	-13	Pass
1849	1915	1	/	/	/	/	/	/
1915	19100	1	/	2	17060.500	-45.82	-13	Pass

n2_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_1902.5MHz_Outer_Full_Ant0



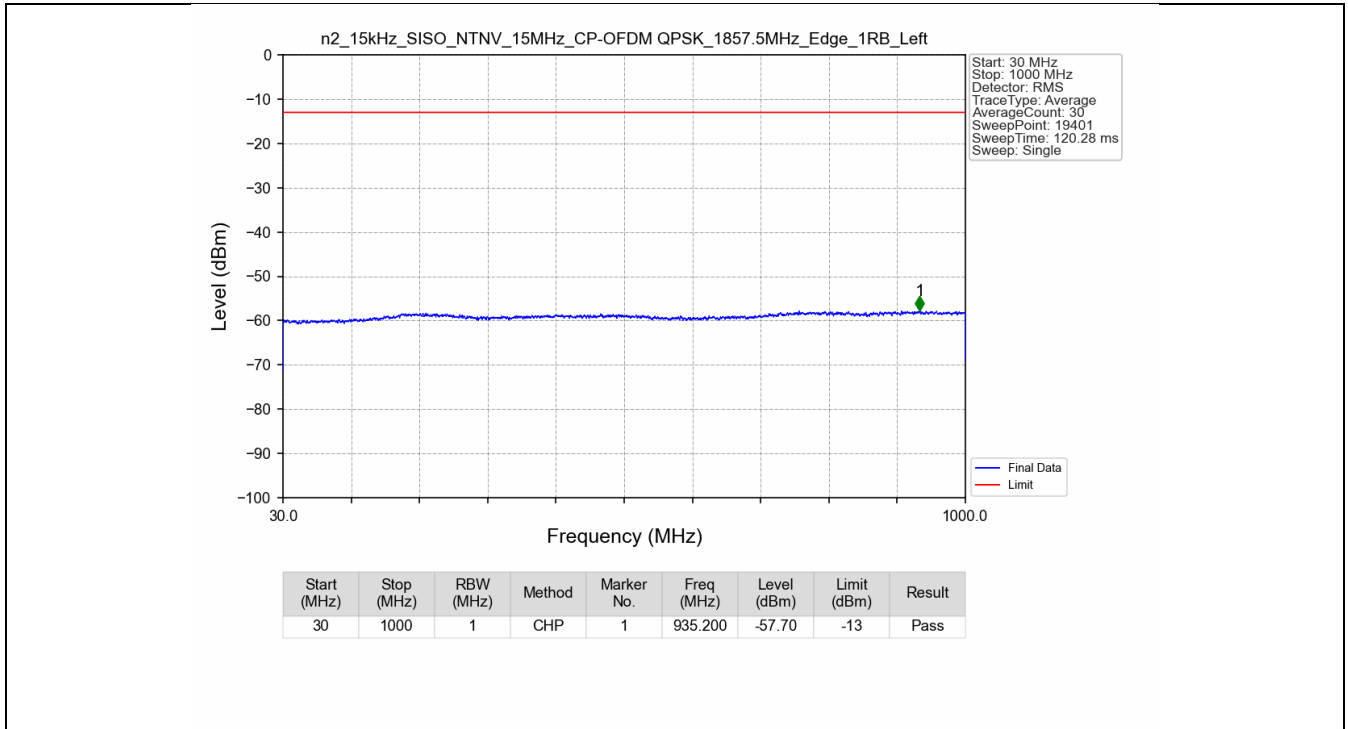
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1895	1910	0.14348	CHP	/	/	/	/	/
1910	1911	0.14348	CHP	1	1910.780	-32.07	-13	Pass
1911	1915	1	CHP	2	1911.500	-26.05	-13	Pass

n2_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_1857.5MHz_Edge_1RB_Left_Ant0

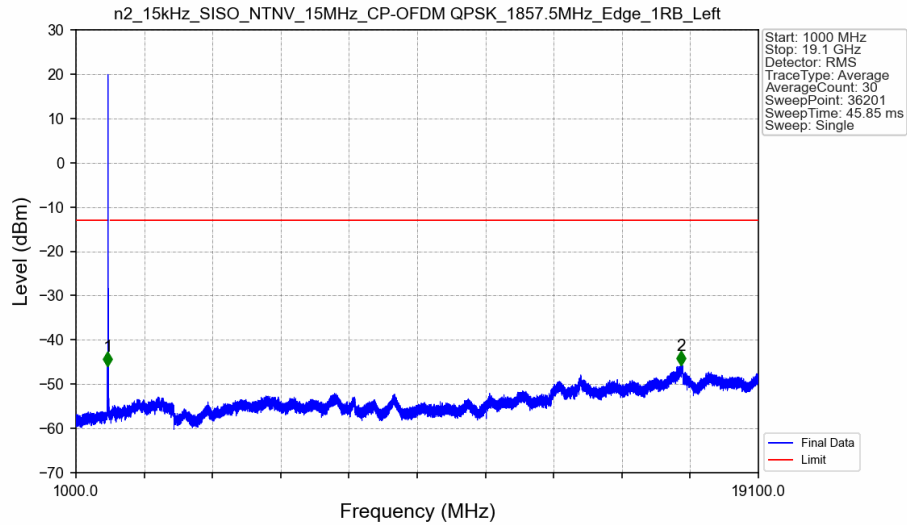


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1845	1849	1	CHP	1	1848.500	-48.19	-13	Pass
1849	1850	0.003	/	2	1849.997	-36.51	-13	Pass
1850	1865	0.003	/	/	/	/	/	/

n2_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_1857.5MHz_Edge_1RB_Left_Ant0

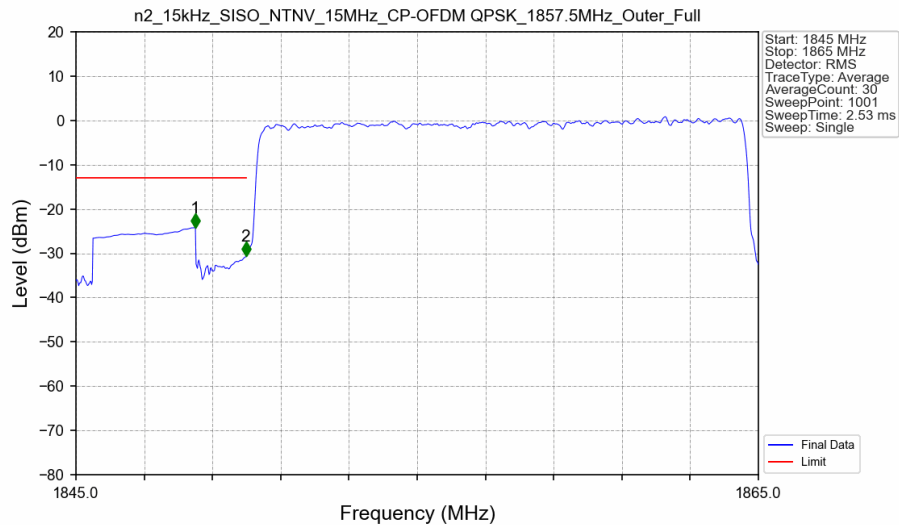


n2_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_1857.5MHz_Edge_1RB_Left_Ant0

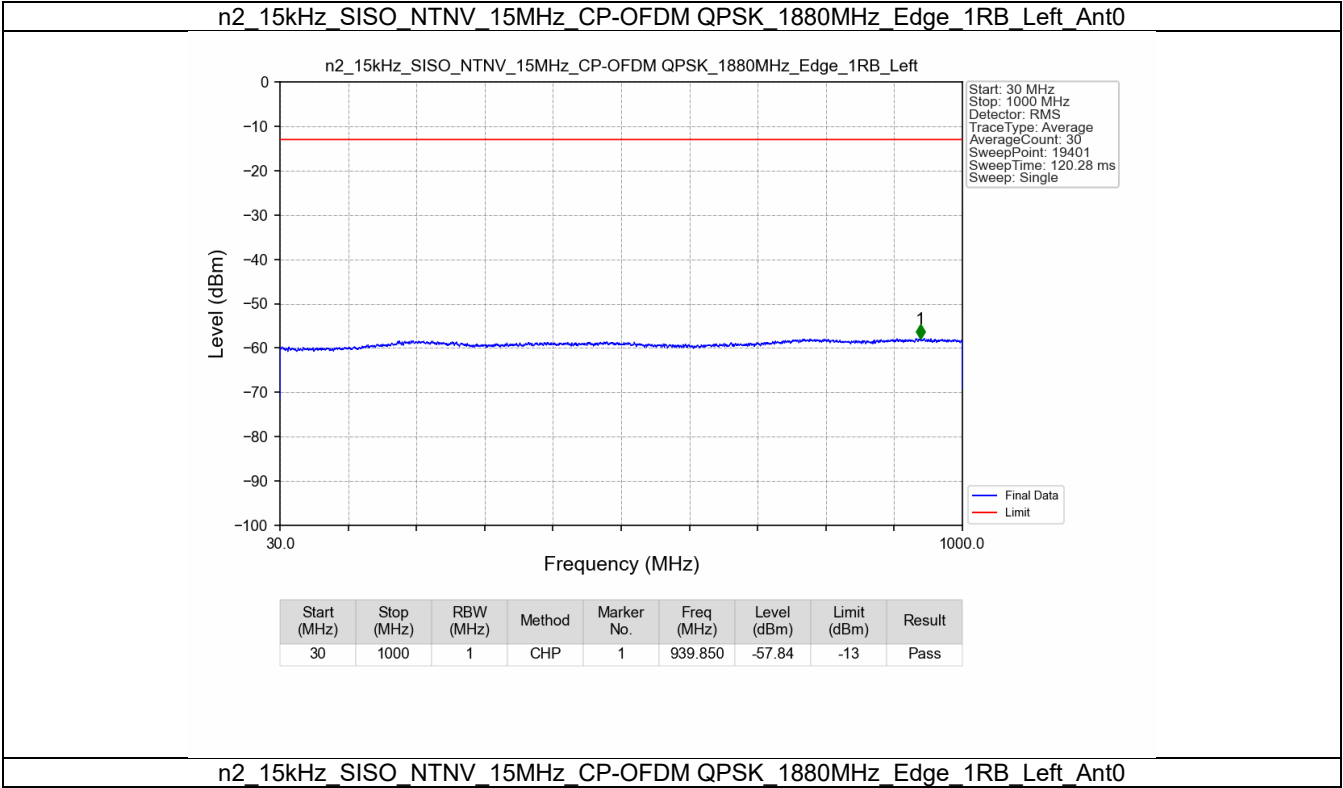


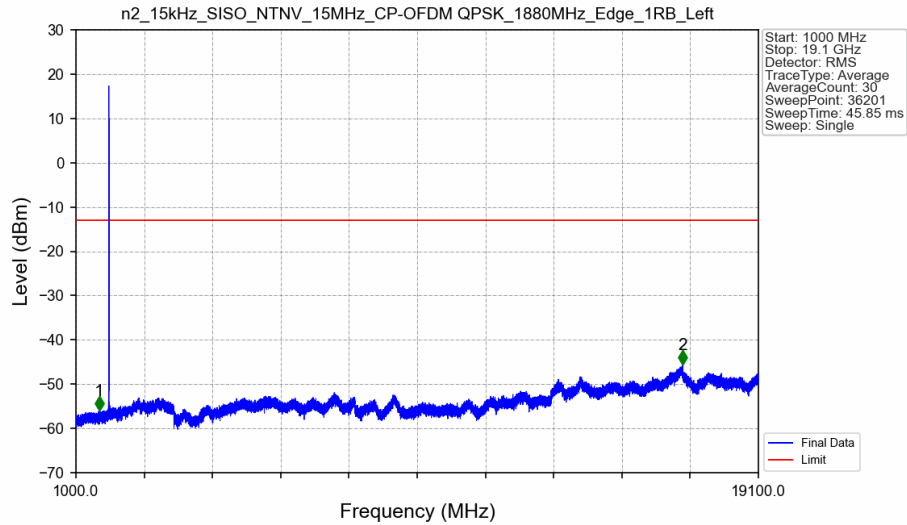
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1849	1	/	1	1836.000	-45.92	-13	Pass
1849	1915	1	/	/	/	/	/	/
1915	19100	1	/	2	17047.000	-45.68	-13	Pass

n2_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_1857.5MHz_Outer_Full_Ant0



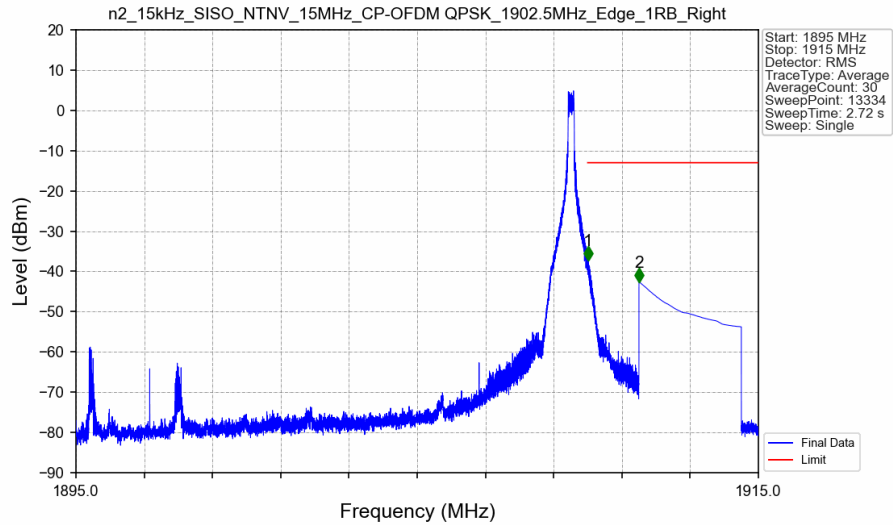
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1845	1849	1	CHP	1	1848.500	-24.20	-13	Pass
1849	1850	0.14348	CHP	2	1849.980	-30.65	-13	Pass
1850	1865	0.14348	CHP	/	/	/	/	/



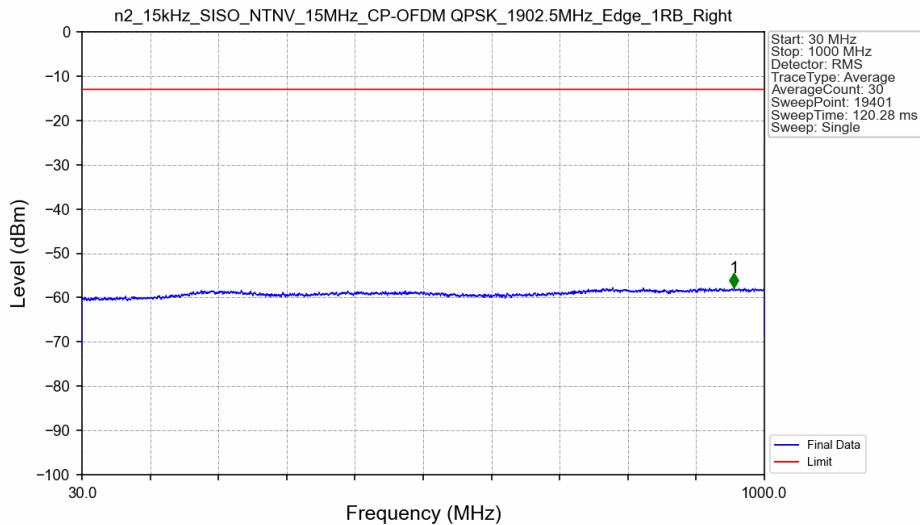


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1849	1	/	1	1614.000	-55.90	-13	Pass
1849	1915	1	/	/	/	/	/	/
1915	19100	1	/	2	17090.500	-45.61	-13	Pass

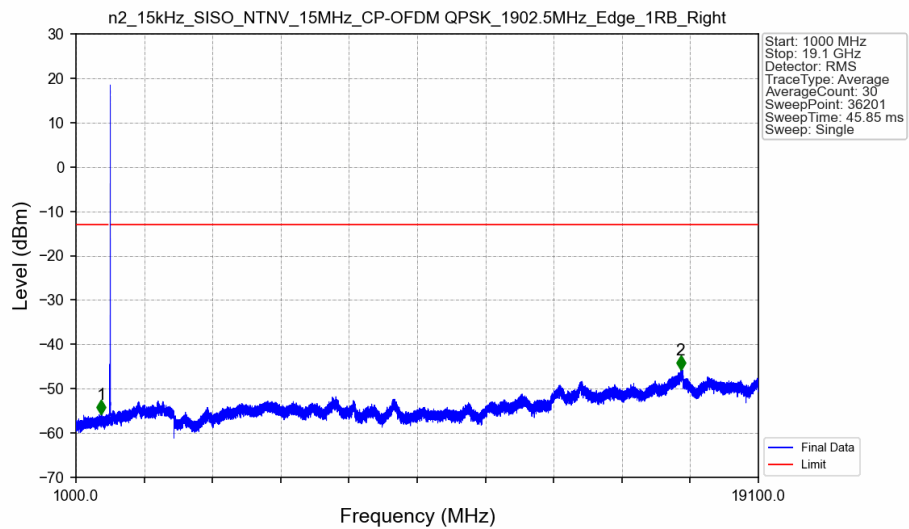
n2_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_1902.5MHz_Edge_1RB_Right_Ant0



n2_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_1902.5MHz_Edge_1RB_Right_Ant0



n2_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_1902.5MHz_Edge_1RB_Right_Ant0



n2_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_1902.5MHz_Outer_Full_Ant0