

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
			Ant5	Ant2	Sum	Ant5	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	1852.5	Edge_1RB_Left	22.88	/	/	21.38	/	/	<=33	Pass
		Edge_1RB_Right	22.86	/	/	21.36	/	/	<=33	Pass
		Outer_Full	22.67	/	/	21.17	/	/	<=33	Pass
		Inner_Full	23.58	/	/	22.08	/	/	<=33	Pass
		Inner_1RB_Left	23.92	/	/	22.42	/	/	<=33	Pass
		Inner_1RB_Right	23.86	/	/	22.36	/	/	<=33	Pass
	1880	Edge_1RB_Left	23.05	/	/	21.55	/	/	<=33	Pass
		Edge_1RB_Right	22.94	/	/	21.44	/	/	<=33	Pass
		Outer_Full	22.66	/	/	21.16	/	/	<=33	Pass
		Inner_Full	23.58	/	/	22.08	/	/	<=33	Pass
		Inner_1RB_Left	23.80	/	/	22.30	/	/	<=33	Pass
		Inner_1RB_Right	23.82	/	/	22.32	/	/	<=33	Pass
	1907.5	Edge_1RB_Left	22.99	/	/	21.49	/	/	<=33	Pass
		Edge_1RB_Right	23.00	/	/	21.50	/	/	<=33	Pass
		Outer_Full	22.67	/	/	21.17	/	/	<=33	Pass
		Inner_Full	23.58	/	/	22.08	/	/	<=33	Pass
		Inner_1RB_Left	23.94	/	/	22.44	/	/	<=33	Pass
		Inner_1RB_Right	23.95	/	/	22.45	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	1852.5	Edge_1RB_Left	21.78	/	/	20.28	/	/	<=33	Pass
		Edge_1RB_Right	21.76	/	/	20.26	/	/	<=33	Pass
		Outer_Full	21.66	/	/	20.16	/	/	<=33	Pass
		Inner_Full	22.57	/	/	21.07	/	/	<=33	Pass
		Inner_1RB_Left	22.78	/	/	21.28	/	/	<=33	Pass
		Inner_1RB_Right	22.81	/	/	21.31	/	/	<=33	Pass
	1880	Edge_1RB_Left	21.68	/	/	20.18	/	/	<=33	Pass
		Edge_1RB_Right	21.97	/	/	20.47	/	/	<=33	Pass
		Outer_Full	21.66	/	/	20.16	/	/	<=33	Pass
		Inner_Full	22.59	/	/	21.09	/	/	<=33	Pass
		Inner_1RB_Left	22.87	/	/	21.37	/	/	<=33	Pass
		Inner_1RB_Right	22.80	/	/	21.30	/	/	<=33	Pass
	1907.5	Edge_1RB_Left	21.66	/	/	20.16	/	/	<=33	Pass
		Edge_1RB_Right	21.75	/	/	20.25	/	/	<=33	Pass
		Outer_Full	21.64	/	/	20.14	/	/	<=33	Pass
		Inner_Full	22.70	/	/	21.20	/	/	<=33	Pass
		Inner_1RB_Left	22.76	/	/	21.26	/	/	<=33	Pass
		Inner_1RB_Right	22.69	/	/	21.19	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	1852.5	Edge_1RB_Left	20.87	/	/	19.37	/	/	<=33	Pass
		Edge_1RB_Right	20.84	/	/	19.34	/	/	<=33	Pass
		Outer_Full	21.26	/	/	19.76	/	/	<=33	Pass
		Inner_Full	21.20	/	/	19.70	/	/	<=33	Pass
		Inner_1RB_Left	20.90	/	/	19.40	/	/	<=33	Pass
		Inner_1RB_Right	20.86	/	/	19.36	/	/	<=33	Pass
	1880	Edge_1RB_Left	20.94	/	/	19.44	/	/	<=33	Pass
		Edge_1RB_Right	20.89	/	/	19.39	/	/	<=33	Pass
		Outer_Full	21.37	/	/	19.87	/	/	<=33	Pass
		Inner_Full	21.24	/	/	19.74	/	/	<=33	Pass
		Inner_1RB_Left	20.97	/	/	19.47	/	/	<=33	Pass

	1907.5	Inner_1RB_Right	20.95	/	/	19.45	/	/	<=33	Pass
		Edge_1RB_Left	20.98	/	/	19.48	/	/	<=33	Pass
		Edge_1RB_Right	21.05	/	/	19.55	/	/	<=33	Pass
		Outer_Full	21.27	/	/	19.77	/	/	<=33	Pass
		Inner_Full	21.26	/	/	19.76	/	/	<=33	Pass
		Inner_1RB_Left	20.91	/	/	19.41	/	/	<=33	Pass
		Inner_1RB_Right	21.14	/	/	19.64	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	1852.5	Edge_1RB_Left	19.26	/	/	17.76	/	/	<=33	Pass
		Edge_1RB_Right	19.18	/	/	17.68	/	/	<=33	Pass
		Outer_Full	19.16	/	/	17.66	/	/	<=33	Pass
		Inner_Full	19.22	/	/	17.72	/	/	<=33	Pass
		Inner_1RB_Left	19.19	/	/	17.69	/	/	<=33	Pass
		Inner_1RB_Right	19.24	/	/	17.74	/	/	<=33	Pass
	1880	Edge_1RB_Left	19.41	/	/	17.91	/	/	<=33	Pass
		Edge_1RB_Right	19.36	/	/	17.86	/	/	<=33	Pass
		Outer_Full	19.23	/	/	17.73	/	/	<=33	Pass
		Inner_Full	19.29	/	/	17.79	/	/	<=33	Pass
		Inner_1RB_Left	19.43	/	/	17.93	/	/	<=33	Pass
		Inner_1RB_Right	19.36	/	/	17.86	/	/	<=33	Pass
	1907.5	Edge_1RB_Left	19.32	/	/	17.82	/	/	<=33	Pass
		Edge_1RB_Right	19.34	/	/	17.84	/	/	<=33	Pass
		Outer_Full	19.17	/	/	17.67	/	/	<=33	Pass
		Inner_Full	19.26	/	/	17.76	/	/	<=33	Pass
		Inner_1RB_Left	19.34	/	/	17.84	/	/	<=33	Pass
		Inner_1RB_Right	19.38	/	/	17.88	/	/	<=33	Pass
CP-OFDM QPSK	1852.5	Edge_1RB_Left	20.73	/	/	19.23	/	/	<=33	Pass
		Edge_1RB_Right	20.72	/	/	19.22	/	/	<=33	Pass
		Outer_Full	20.63	/	/	19.13	/	/	<=33	Pass
		Inner_Full	22.08	/	/	20.58	/	/	<=33	Pass
		Inner_1RB_Left	22.30	/	/	20.80	/	/	<=33	Pass
		Inner_1RB_Right	22.24	/	/	20.74	/	/	<=33	Pass
	1880	Edge_1RB_Left	20.90	/	/	19.40	/	/	<=33	Pass
		Edge_1RB_Right	20.81	/	/	19.31	/	/	<=33	Pass
		Outer_Full	20.65	/	/	19.15	/	/	<=33	Pass
		Inner_Full	22.08	/	/	20.58	/	/	<=33	Pass
		Inner_1RB_Left	22.37	/	/	20.87	/	/	<=33	Pass
		Inner_1RB_Right	22.40	/	/	20.90	/	/	<=33	Pass
	1907.5	Edge_1RB_Left	20.83	/	/	19.33	/	/	<=33	Pass
		Edge_1RB_Right	20.86	/	/	19.36	/	/	<=33	Pass
		Outer_Full	20.64	/	/	19.14	/	/	<=33	Pass
		Inner_Full	22.13	/	/	20.63	/	/	<=33	Pass
		Inner_1RB_Left	22.43	/	/	20.93	/	/	<=33	Pass
		Inner_1RB_Right	22.55	/	/	21.05	/	/	<=33	Pass
CP-OFDM 16 QAM	1852.5	Edge_1RB_Left	20.74	/	/	19.24	/	/	<=33	Pass
		Edge_1RB_Right	20.85	/	/	19.35	/	/	<=33	Pass
		Outer_Full	20.64	/	/	19.14	/	/	<=33	Pass
		Inner_Full	21.55	/	/	20.05	/	/	<=33	Pass
		Inner_1RB_Left	21.74	/	/	20.24	/	/	<=33	Pass
		Inner_1RB_Right	21.83	/	/	20.33	/	/	<=33	Pass
	1880	Edge_1RB_Left	20.91	/	/	19.41	/	/	<=33	Pass
		Edge_1RB_Right	20.84	/	/	19.34	/	/	<=33	Pass
		Outer_Full	20.62	/	/	19.12	/	/	<=33	Pass
		Inner_Full	21.66	/	/	20.16	/	/	<=33	Pass
		Inner_1RB_Left	21.63	/	/	20.13	/	/	<=33	Pass
		Inner_1RB_Right	21.93	/	/	20.43	/	/	<=33	Pass
	1907.5	Edge_1RB_Left	20.85	/	/	19.35	/	/	<=33	Pass
		Edge_1RB_Right	20.80	/	/	19.30	/	/	<=33	Pass
		Outer_Full	20.67	/	/	19.17	/	/	<=33	Pass
		Inner_Full	21.64	/	/	20.14	/	/	<=33	Pass

		Inner_1RB_Left	21.60	/	/	20.10	/	/	<=33	Pass
		Inner_1RB_Right	21.62	/	/	20.12	/	/	<=33	Pass
CP-OFDM 64 QAM	1852.5	Edge_1RB_Left	19.94	/	/	18.44	/	/	<=33	Pass
		Edge_1RB_Right	20.01	/	/	18.51	/	/	<=33	Pass
		Outer_Full	20.14	/	/	18.64	/	/	<=33	Pass
		Inner_Full	20.14	/	/	18.64	/	/	<=33	Pass
		Inner_1RB_Left	19.91	/	/	18.41	/	/	<=33	Pass
		Inner_1RB_Right	19.99	/	/	18.49	/	/	<=33	Pass
	1880	Edge_1RB_Left	20.15	/	/	18.65	/	/	<=33	Pass
		Edge_1RB_Right	20.09	/	/	18.59	/	/	<=33	Pass
		Outer_Full	20.17	/	/	18.67	/	/	<=33	Pass
		Inner_Full	20.18	/	/	18.68	/	/	<=33	Pass
		Inner_1RB_Left	20.06	/	/	18.56	/	/	<=33	Pass
		Inner_1RB_Right	20.01	/	/	18.51	/	/	<=33	Pass
	1907.5	Edge_1RB_Left	19.99	/	/	18.49	/	/	<=33	Pass
		Edge_1RB_Right	19.94	/	/	18.44	/	/	<=33	Pass
		Outer_Full	20.32	/	/	18.82	/	/	<=33	Pass
		Inner_Full	20.14	/	/	18.64	/	/	<=33	Pass
		Inner_1RB_Left	19.95	/	/	18.45	/	/	<=33	Pass
		Inner_1RB_Right	19.94	/	/	18.44	/	/	<=33	Pass
CP-OFDM 256 QAM	1852.5	Edge_1RB_Left	17.09	/	/	15.59	/	/	<=33	Pass
		Edge_1RB_Right	17.23	/	/	15.73	/	/	<=33	Pass
		Outer_Full	17.22	/	/	15.72	/	/	<=33	Pass
		Inner_Full	17.21	/	/	15.71	/	/	<=33	Pass
		Inner_1RB_Left	17.15	/	/	15.65	/	/	<=33	Pass
		Inner_1RB_Right	17.14	/	/	15.64	/	/	<=33	Pass
	1880	Edge_1RB_Left	17.27	/	/	15.77	/	/	<=33	Pass
		Edge_1RB_Right	17.19	/	/	15.69	/	/	<=33	Pass
		Outer_Full	17.25	/	/	15.75	/	/	<=33	Pass
		Inner_Full	17.25	/	/	15.75	/	/	<=33	Pass
		Inner_1RB_Left	17.23	/	/	15.73	/	/	<=33	Pass
		Inner_1RB_Right	17.23	/	/	15.73	/	/	<=33	Pass
	1907.5	Edge_1RB_Left	17.18	/	/	15.68	/	/	<=33	Pass
		Edge_1RB_Right	17.22	/	/	15.72	/	/	<=33	Pass
		Outer_Full	17.23	/	/	15.73	/	/	<=33	Pass
		Inner_Full	17.21	/	/	15.71	/	/	<=33	Pass
		Inner_1RB_Left	17.12	/	/	15.62	/	/	<=33	Pass
		Inner_1RB_Right	17.18	/	/	15.68	/	/	<=33	Pass
Note1: Antenna Gain: Ant5: -1.50dBi; 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
			Ant5	Ant2	Sum	Ant5	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	1855	Edge_1RB_Left	22.90	/	/	21.40	/	/	<=33	Pass
		Edge_1RB_Right	22.84	/	/	21.34	/	/	<=33	Pass
		Outer_Full	22.77	/	/	21.27	/	/	<=33	Pass
		Inner_Full	23.61	/	/	22.11	/	/	<=33	Pass
		Inner_1RB_Left	23.95	/	/	22.45	/	/	<=33	Pass
		Inner_1RB_Right	23.90	/	/	22.40	/	/	<=33	Pass
	1880	Edge_1RB_Left	23.03	/	/	21.53	/	/	<=33	Pass
		Edge_1RB_Right	22.90	/	/	21.40	/	/	<=33	Pass
		Outer_Full	22.70	/	/	21.20	/	/	<=33	Pass
		Inner_Full	23.66	/	/	22.16	/	/	<=33	Pass
		Inner_1RB_Left	24.03	/	/	22.53	/	/	<=33	Pass
		Inner_1RB_Right	23.93	/	/	22.43	/	/	<=33	Pass

	1905	Edge_1RB_Left	22.88	/	/	21.38	/	/	<=33	Pass
		Edge_1RB_Right	23.00	/	/	21.50	/	/	<=33	Pass
		Outer_Full	22.65	/	/	21.15	/	/	<=33	Pass
		Inner_Full	23.58	/	/	22.08	/	/	<=33	Pass
		Inner_1RB_Left	23.89	/	/	22.39	/	/	<=33	Pass
		Inner_1RB_Right	23.92	/	/	22.42	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	1855	Edge_1RB_Left	22.00	/	/	20.50	/	/	<=33	Pass
		Edge_1RB_Right	21.84	/	/	20.34	/	/	<=33	Pass
		Outer_Full	21.76	/	/	20.26	/	/	<=33	Pass
		Inner_Full	22.68	/	/	21.18	/	/	<=33	Pass
		Inner_1RB_Left	22.81	/	/	21.31	/	/	<=33	Pass
		Inner_1RB_Right	22.84	/	/	21.34	/	/	<=33	Pass
	1880	Edge_1RB_Left	21.88	/	/	20.38	/	/	<=33	Pass
		Edge_1RB_Right	21.82	/	/	20.32	/	/	<=33	Pass
		Outer_Full	21.71	/	/	20.21	/	/	<=33	Pass
		Inner_Full	22.66	/	/	21.16	/	/	<=33	Pass
		Inner_1RB_Left	22.88	/	/	21.38	/	/	<=33	Pass
		Inner_1RB_Right	22.83	/	/	21.33	/	/	<=33	Pass
	1905	Edge_1RB_Left	21.78	/	/	20.28	/	/	<=33	Pass
		Edge_1RB_Right	21.82	/	/	20.32	/	/	<=33	Pass
		Outer_Full	21.65	/	/	20.15	/	/	<=33	Pass
		Inner_Full	22.66	/	/	21.16	/	/	<=33	Pass
		Inner_1RB_Left	22.78	/	/	21.28	/	/	<=33	Pass
		Inner_1RB_Right	22.79	/	/	21.29	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	1855	Edge_1RB_Left	20.94	/	/	19.44	/	/	<=33	Pass
		Edge_1RB_Right	21.00	/	/	19.50	/	/	<=33	Pass
		Outer_Full	21.25	/	/	19.75	/	/	<=33	Pass
		Inner_Full	21.29	/	/	19.79	/	/	<=33	Pass
		Inner_1RB_Left	20.97	/	/	19.47	/	/	<=33	Pass
		Inner_1RB_Right	20.93	/	/	19.43	/	/	<=33	Pass
	1880	Edge_1RB_Left	21.07	/	/	19.57	/	/	<=33	Pass
		Edge_1RB_Right	20.97	/	/	19.47	/	/	<=33	Pass
		Outer_Full	21.18	/	/	19.68	/	/	<=33	Pass
		Inner_Full	21.29	/	/	19.79	/	/	<=33	Pass
		Inner_1RB_Left	21.07	/	/	19.57	/	/	<=33	Pass
		Inner_1RB_Right	20.95	/	/	19.45	/	/	<=33	Pass
	1905	Edge_1RB_Left	20.92	/	/	19.42	/	/	<=33	Pass
		Edge_1RB_Right	21.00	/	/	19.50	/	/	<=33	Pass
		Outer_Full	21.18	/	/	19.68	/	/	<=33	Pass
		Inner_Full	21.28	/	/	19.78	/	/	<=33	Pass
		Inner_1RB_Left	21.09	/	/	19.59	/	/	<=33	Pass
		Inner_1RB_Right	21.02	/	/	19.52	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	1855	Edge_1RB_Left	19.37	/	/	17.87	/	/	<=33	Pass
		Edge_1RB_Right	19.23	/	/	17.73	/	/	<=33	Pass
		Outer_Full	19.28	/	/	17.78	/	/	<=33	Pass
		Inner_Full	19.18	/	/	17.68	/	/	<=33	Pass
		Inner_1RB_Left	19.38	/	/	17.88	/	/	<=33	Pass
		Inner_1RB_Right	19.24	/	/	17.74	/	/	<=33	Pass
	1880	Edge_1RB_Left	19.38	/	/	17.88	/	/	<=33	Pass
		Edge_1RB_Right	19.30	/	/	17.80	/	/	<=33	Pass
		Outer_Full	19.20	/	/	17.70	/	/	<=33	Pass
		Inner_Full	19.16	/	/	17.66	/	/	<=33	Pass
		Inner_1RB_Left	19.36	/	/	17.86	/	/	<=33	Pass
		Inner_1RB_Right	19.30	/	/	17.80	/	/	<=33	Pass
	1905	Edge_1RB_Left	19.30	/	/	17.80	/	/	<=33	Pass
		Edge_1RB_Right	19.43	/	/	17.93	/	/	<=33	Pass
		Outer_Full	19.19	/	/	17.69	/	/	<=33	Pass
		Inner_Full	19.17	/	/	17.67	/	/	<=33	Pass
		Inner_1RB_Left	19.24	/	/	17.74	/	/	<=33	Pass

		Inner_1RB_Right	19.42	/	/	17.92	/	/	<=33	Pass
CP-OFDM QPSK	1855	Edge_1RB_Left	20.85	/	/	19.35	/	/	<=33	Pass
		Edge_1RB_Right	20.73	/	/	19.23	/	/	<=33	Pass
		Outer_Full	20.74	/	/	19.24	/	/	<=33	Pass
		Inner_Full	22.29	/	/	20.79	/	/	<=33	Pass
		Inner_1RB_Left	22.35	/	/	20.85	/	/	<=33	Pass
		Inner_1RB_Right	22.28	/	/	20.78	/	/	<=33	Pass
	1880	Edge_1RB_Left	20.97	/	/	19.47	/	/	<=33	Pass
		Edge_1RB_Right	20.78	/	/	19.28	/	/	<=33	Pass
		Outer_Full	20.65	/	/	19.15	/	/	<=33	Pass
		Inner_Full	22.27	/	/	20.77	/	/	<=33	Pass
		Inner_1RB_Left	22.54	/	/	21.04	/	/	<=33	Pass
		Inner_1RB_Right	22.38	/	/	20.88	/	/	<=33	Pass
	1905	Edge_1RB_Left	20.76	/	/	19.26	/	/	<=33	Pass
		Edge_1RB_Right	20.95	/	/	19.45	/	/	<=33	Pass
		Outer_Full	20.62	/	/	19.12	/	/	<=33	Pass
		Inner_Full	22.25	/	/	20.75	/	/	<=33	Pass
		Inner_1RB_Left	22.36	/	/	20.86	/	/	<=33	Pass
		Inner_1RB_Right	22.53	/	/	21.03	/	/	<=33	Pass
CP-OFDM 16 QAM	1855	Edge_1RB_Left	20.95	/	/	19.45	/	/	<=33	Pass
		Edge_1RB_Right	20.88	/	/	19.38	/	/	<=33	Pass
		Outer_Full	20.70	/	/	19.20	/	/	<=33	Pass
		Inner_Full	21.68	/	/	20.18	/	/	<=33	Pass
		Inner_1RB_Left	21.81	/	/	20.31	/	/	<=33	Pass
		Inner_1RB_Right	21.84	/	/	20.34	/	/	<=33	Pass
	1880	Edge_1RB_Left	20.91	/	/	19.41	/	/	<=33	Pass
		Edge_1RB_Right	20.81	/	/	19.31	/	/	<=33	Pass
		Outer_Full	20.64	/	/	19.14	/	/	<=33	Pass
		Inner_Full	21.70	/	/	20.20	/	/	<=33	Pass
		Inner_1RB_Left	21.69	/	/	20.19	/	/	<=33	Pass
		Inner_1RB_Right	21.74	/	/	20.24	/	/	<=33	Pass
	1905	Edge_1RB_Left	20.86	/	/	19.36	/	/	<=33	Pass
		Edge_1RB_Right	20.79	/	/	19.29	/	/	<=33	Pass
		Outer_Full	20.64	/	/	19.14	/	/	<=33	Pass
		Inner_Full	21.60	/	/	20.10	/	/	<=33	Pass
		Inner_1RB_Left	21.82	/	/	20.32	/	/	<=33	Pass
		Inner_1RB_Right	21.67	/	/	20.17	/	/	<=33	Pass
CP-OFDM 64 QAM	1855	Edge_1RB_Left	20.00	/	/	18.50	/	/	<=33	Pass
		Edge_1RB_Right	20.03	/	/	18.53	/	/	<=33	Pass
		Outer_Full	20.28	/	/	18.78	/	/	<=33	Pass
		Inner_Full	20.24	/	/	18.74	/	/	<=33	Pass
		Inner_1RB_Left	19.97	/	/	18.47	/	/	<=33	Pass
		Inner_1RB_Right	20.08	/	/	18.58	/	/	<=33	Pass
	1880	Edge_1RB_Left	20.08	/	/	18.58	/	/	<=33	Pass
		Edge_1RB_Right	20.02	/	/	18.52	/	/	<=33	Pass
		Outer_Full	20.20	/	/	18.70	/	/	<=33	Pass
		Inner_Full	20.20	/	/	18.70	/	/	<=33	Pass
		Inner_1RB_Left	20.02	/	/	18.52	/	/	<=33	Pass
		Inner_1RB_Right	19.95	/	/	18.45	/	/	<=33	Pass
	1905	Edge_1RB_Left	20.01	/	/	18.51	/	/	<=33	Pass
		Edge_1RB_Right	19.97	/	/	18.47	/	/	<=33	Pass
		Outer_Full	20.22	/	/	18.72	/	/	<=33	Pass
		Inner_Full	20.20	/	/	18.70	/	/	<=33	Pass
		Inner_1RB_Left	20.03	/	/	18.53	/	/	<=33	Pass
		Inner_1RB_Right	19.89	/	/	18.39	/	/	<=33	Pass
CP-OFDM 256 QAM	1855	Edge_1RB_Left	17.18	/	/	15.68	/	/	<=33	Pass
		Edge_1RB_Right	17.11	/	/	15.61	/	/	<=33	Pass
		Outer_Full	17.27	/	/	15.77	/	/	<=33	Pass
		Inner_Full	17.23	/	/	15.73	/	/	<=33	Pass

		Inner_1RB_Left	17.12	/	/	15.62	/	/	<=33	Pass
		Inner_1RB_Right	17.10	/	/	15.60	/	/	<=33	Pass
	1880	Edge_1RB_Left	17.22	/	/	15.72	/	/	<=33	Pass
		Edge_1RB_Right	17.08	/	/	15.58	/	/	<=33	Pass
		Outer_Full	17.24	/	/	15.74	/	/	<=33	Pass
		Inner_Full	17.18	/	/	15.68	/	/	<=33	Pass
		Inner_1RB_Left	17.18	/	/	15.68	/	/	<=33	Pass
		Inner_1RB_Right	17.13	/	/	15.63	/	/	<=33	Pass
	1905	Edge_1RB_Left	17.18	/	/	15.68	/	/	<=33	Pass
		Edge_1RB_Right	17.21	/	/	15.71	/	/	<=33	Pass
		Outer_Full	17.22	/	/	15.72	/	/	<=33	Pass
		Inner_Full	17.20	/	/	15.70	/	/	<=33	Pass
		Inner_1RB_Left	17.17	/	/	15.67	/	/	<=33	Pass
		Inner_1RB_Right	17.16	/	/	15.66	/	/	<=33	Pass
Note1: Antenna Gain: Ant5: -1.50dBi; 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)				Verdict
			Ant5	Ant2	Sum	Ant5	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	1857.5	Edge_1RB_Left	22.87	/	/	21.37	/	/	<=33	Pass
		Edge_1RB_Right	22.93	/	/	21.43	/	/	<=33	Pass
		Outer_Full	22.64	/	/	21.14	/	/	<=33	Pass
		Inner_Full	23.64	/	/	22.14	/	/	<=33	Pass
		Inner_1RB_Left	24.03	/	/	22.53	/	/	<=33	Pass
		Inner_1RB_Right	24.08	/	/	22.58	/	/	<=33	Pass
	1880	Edge_1RB_Left	23.10	/	/	21.60	/	/	<=33	Pass
		Edge_1RB_Right	22.90	/	/	21.40	/	/	<=33	Pass
		Outer_Full	22.69	/	/	21.19	/	/	<=33	Pass
		Inner_Full	23.66	/	/	22.16	/	/	<=33	Pass
		Inner_1RB_Left	24.08	/	/	22.58	/	/	<=33	Pass
		Inner_1RB_Right	23.89	/	/	22.39	/	/	<=33	Pass
	1902.5	Edge_1RB_Left	22.79	/	/	21.29	/	/	<=33	Pass
		Edge_1RB_Right	22.91	/	/	21.41	/	/	<=33	Pass
		Outer_Full	22.58	/	/	21.08	/	/	<=33	Pass
		Inner_Full	23.57	/	/	22.07	/	/	<=33	Pass
		Inner_1RB_Left	23.89	/	/	22.39	/	/	<=33	Pass
		Inner_1RB_Right	24.00	/	/	22.50	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	1857.5	Edge_1RB_Left	21.90	/	/	20.40	/	/	<=33	Pass
		Edge_1RB_Right	21.92	/	/	20.42	/	/	<=33	Pass
		Outer_Full	21.65	/	/	20.15	/	/	<=33	Pass
		Inner_Full	22.59	/	/	21.09	/	/	<=33	Pass
		Inner_1RB_Left	22.81	/	/	21.31	/	/	<=33	Pass
		Inner_1RB_Right	22.91	/	/	21.41	/	/	<=33	Pass
	1880	Edge_1RB_Left	21.93	/	/	20.43	/	/	<=33	Pass
		Edge_1RB_Right	21.83	/	/	20.33	/	/	<=33	Pass
		Outer_Full	21.63	/	/	20.13	/	/	<=33	Pass
		Inner_Full	22.68	/	/	21.18	/	/	<=33	Pass
		Inner_1RB_Left	22.91	/	/	21.41	/	/	<=33	Pass
		Inner_1RB_Right	22.68	/	/	21.18	/	/	<=33	Pass
	1902.5	Edge_1RB_Left	21.81	/	/	20.31	/	/	<=33	Pass
		Edge_1RB_Right	21.79	/	/	20.29	/	/	<=33	Pass
		Outer_Full	21.59	/	/	20.09	/	/	<=33	Pass
		Inner_Full	22.59	/	/	21.09	/	/	<=33	Pass
		Inner_1RB_Left	22.82	/	/	21.32	/	/	<=33	Pass
		Inner_1RB_Right	22.70	/	/	21.20	/	/	<=33	Pass

DFT-s-OFDM 64 QAM	1857.5	Edge_1RB_Left	20.98	/	/	19.48	/	/	<=33	Pass
		Edge_1RB_Right	21.06	/	/	19.56	/	/	<=33	Pass
		Outer_Full	21.23	/	/	19.73	/	/	<=33	Pass
		Inner_Full	21.17	/	/	19.67	/	/	<=33	Pass
		Inner_1RB_Left	20.94	/	/	19.44	/	/	<=33	Pass
		Inner_1RB_Right	21.00	/	/	19.50	/	/	<=33	Pass
	1880	Edge_1RB_Left	21.09	/	/	19.59	/	/	<=33	Pass
		Edge_1RB_Right	21.00	/	/	19.50	/	/	<=33	Pass
		Outer_Full	21.21	/	/	19.71	/	/	<=33	Pass
		Inner_Full	21.23	/	/	19.73	/	/	<=33	Pass
		Inner_1RB_Left	21.15	/	/	19.65	/	/	<=33	Pass
		Inner_1RB_Right	20.92	/	/	19.42	/	/	<=33	Pass
	1902.5	Edge_1RB_Left	20.88	/	/	19.38	/	/	<=33	Pass
		Edge_1RB_Right	20.97	/	/	19.47	/	/	<=33	Pass
		Outer_Full	21.12	/	/	19.62	/	/	<=33	Pass
		Inner_Full	21.15	/	/	19.65	/	/	<=33	Pass
		Inner_1RB_Left	20.92	/	/	19.42	/	/	<=33	Pass
		Inner_1RB_Right	21.05	/	/	19.55	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	1857.5	Edge_1RB_Left	19.36	/	/	17.86	/	/	<=33	Pass
		Edge_1RB_Right	19.35	/	/	17.85	/	/	<=33	Pass
		Outer_Full	19.19	/	/	17.69	/	/	<=33	Pass
		Inner_Full	19.19	/	/	17.69	/	/	<=33	Pass
		Inner_1RB_Left	19.35	/	/	17.85	/	/	<=33	Pass
		Inner_1RB_Right	19.32	/	/	17.82	/	/	<=33	Pass
	1880	Edge_1RB_Left	19.50	/	/	18.00	/	/	<=33	Pass
		Edge_1RB_Right	19.27	/	/	17.77	/	/	<=33	Pass
		Outer_Full	19.17	/	/	17.67	/	/	<=33	Pass
		Inner_Full	19.21	/	/	17.71	/	/	<=33	Pass
		Inner_1RB_Left	19.45	/	/	17.95	/	/	<=33	Pass
		Inner_1RB_Right	19.27	/	/	17.77	/	/	<=33	Pass
	1902.5	Edge_1RB_Left	19.20	/	/	17.70	/	/	<=33	Pass
		Edge_1RB_Right	19.40	/	/	17.90	/	/	<=33	Pass
		Outer_Full	19.07	/	/	17.57	/	/	<=33	Pass
		Inner_Full	19.08	/	/	17.58	/	/	<=33	Pass
		Inner_1RB_Left	19.16	/	/	17.66	/	/	<=33	Pass
		Inner_1RB_Right	19.40	/	/	17.90	/	/	<=33	Pass
CP-OFDM QPSK	1857.5	Edge_1RB_Left	20.84	/	/	19.34	/	/	<=33	Pass
		Edge_1RB_Right	20.76	/	/	19.26	/	/	<=33	Pass
		Outer_Full	20.69	/	/	19.19	/	/	<=33	Pass
		Inner_Full	22.11	/	/	20.61	/	/	<=33	Pass
		Inner_1RB_Left	22.41	/	/	20.91	/	/	<=33	Pass
		Inner_1RB_Right	22.39	/	/	20.89	/	/	<=33	Pass
	1880	Edge_1RB_Left	21.00	/	/	19.50	/	/	<=33	Pass
		Edge_1RB_Right	20.79	/	/	19.29	/	/	<=33	Pass
		Outer_Full	20.64	/	/	19.14	/	/	<=33	Pass
		Inner_Full	22.08	/	/	20.58	/	/	<=33	Pass
		Inner_1RB_Left	22.50	/	/	21.00	/	/	<=33	Pass
		Inner_1RB_Right	22.34	/	/	20.84	/	/	<=33	Pass
	1902.5	Edge_1RB_Left	20.70	/	/	19.20	/	/	<=33	Pass
		Edge_1RB_Right	20.94	/	/	19.44	/	/	<=33	Pass
		Outer_Full	20.65	/	/	19.15	/	/	<=33	Pass
		Inner_Full	22.02	/	/	20.52	/	/	<=33	Pass
		Inner_1RB_Left	22.22	/	/	20.72	/	/	<=33	Pass
		Inner_1RB_Right	22.52	/	/	21.02	/	/	<=33	Pass
CP-OFDM 16 QAM	1857.5	Edge_1RB_Left	20.80	/	/	19.30	/	/	<=33	Pass
		Edge_1RB_Right	20.89	/	/	19.39	/	/	<=33	Pass
		Outer_Full	20.63	/	/	19.13	/	/	<=33	Pass
		Inner_Full	21.63	/	/	20.13	/	/	<=33	Pass
		Inner_1RB_Left	21.77	/	/	20.27	/	/	<=33	Pass

		Inner_1RB_Right	21.93	/	/	20.43	/	/	<=33	Pass	
		1880	Edge_1RB_Left	20.92	/	/	19.42	/	/	<=33	Pass
			Edge_1RB_Right	20.84	/	/	19.34	/	/	<=33	Pass
			Outer_Full	20.65	/	/	19.15	/	/	<=33	Pass
			Inner_Full	21.64	/	/	20.14	/	/	<=33	Pass
			Inner_1RB_Left	21.84	/	/	20.34	/	/	<=33	Pass
			Inner_1RB_Right	21.73	/	/	20.23	/	/	<=33	Pass
		1902.5	Edge_1RB_Left	20.79	/	/	19.29	/	/	<=33	Pass
			Edge_1RB_Right	20.76	/	/	19.26	/	/	<=33	Pass
			Outer_Full	20.54	/	/	19.04	/	/	<=33	Pass
			Inner_Full	21.60	/	/	20.10	/	/	<=33	Pass
			Inner_1RB_Left	21.78	/	/	20.28	/	/	<=33	Pass
Inner_1RB_Right	21.64		/	/	20.14	/	/	<=33	Pass		
CP-OFDM 64 QAM	1857.5	Edge_1RB_Left	19.97	/	/	18.47	/	/	<=33	Pass	
		Edge_1RB_Right	20.06	/	/	18.56	/	/	<=33	Pass	
		Outer_Full	20.23	/	/	18.73	/	/	<=33	Pass	
		Inner_Full	20.20	/	/	18.70	/	/	<=33	Pass	
		Inner_1RB_Left	19.94	/	/	18.44	/	/	<=33	Pass	
		Inner_1RB_Right	20.05	/	/	18.55	/	/	<=33	Pass	
	1880	Edge_1RB_Left	20.10	/	/	18.60	/	/	<=33	Pass	
		Edge_1RB_Right	20.03	/	/	18.53	/	/	<=33	Pass	
		Outer_Full	20.24	/	/	18.74	/	/	<=33	Pass	
		Inner_Full	20.19	/	/	18.69	/	/	<=33	Pass	
		Inner_1RB_Left	20.06	/	/	18.56	/	/	<=33	Pass	
		Inner_1RB_Right	19.97	/	/	18.47	/	/	<=33	Pass	
	1902.5	Edge_1RB_Left	20.07	/	/	18.57	/	/	<=33	Pass	
		Edge_1RB_Right	19.84	/	/	18.34	/	/	<=33	Pass	
		Outer_Full	20.14	/	/	18.64	/	/	<=33	Pass	
		Inner_Full	20.16	/	/	18.66	/	/	<=33	Pass	
		Inner_1RB_Left	19.91	/	/	18.41	/	/	<=33	Pass	
		Inner_1RB_Right	19.85	/	/	18.35	/	/	<=33	Pass	
CP-OFDM 256 QAM	1857.5	Edge_1RB_Left	17.27	/	/	15.77	/	/	<=33	Pass	
		Edge_1RB_Right	17.39	/	/	15.89	/	/	<=33	Pass	
		Outer_Full	17.28	/	/	15.78	/	/	<=33	Pass	
		Inner_Full	17.27	/	/	15.77	/	/	<=33	Pass	
		Inner_1RB_Left	17.27	/	/	15.77	/	/	<=33	Pass	
		Inner_1RB_Right	17.35	/	/	15.85	/	/	<=33	Pass	
	1880	Edge_1RB_Left	17.41	/	/	15.91	/	/	<=33	Pass	
		Edge_1RB_Right	17.28	/	/	15.78	/	/	<=33	Pass	
		Outer_Full	17.26	/	/	15.76	/	/	<=33	Pass	
		Inner_Full	17.26	/	/	15.76	/	/	<=33	Pass	
		Inner_1RB_Left	17.32	/	/	15.82	/	/	<=33	Pass	
		Inner_1RB_Right	17.29	/	/	15.79	/	/	<=33	Pass	
	1902.5	Edge_1RB_Left	17.27	/	/	15.77	/	/	<=33	Pass	
		Edge_1RB_Right	17.28	/	/	15.78	/	/	<=33	Pass	
		Outer_Full	17.18	/	/	15.68	/	/	<=33	Pass	
		Inner_Full	17.23	/	/	15.73	/	/	<=33	Pass	
		Inner_1RB_Left	17.21	/	/	15.71	/	/	<=33	Pass	
		Inner_1RB_Right	17.24	/	/	15.74	/	/	<=33	Pass	
Note1: Antenna Gain: Ant5: -1.50dBi; 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
			Ant5	Ant2	Sum	Ant5	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	1860	Edge_1RB_Left	22.91	/	/	21.41	/	/	<=33	Pass

		Edge_1RB_Right	23.02	/	/	21.52	/	/	<=33	Pass
		Outer_Full	22.67	/	/	21.17	/	/	<=33	Pass
		Inner_Full	23.66	/	/	22.16	/	/	<=33	Pass
		Inner_1RB_Left	23.89	/	/	22.39	/	/	<=33	Pass
		Inner_1RB_Right	24.07	/	/	22.57	/	/	<=33	Pass
	1880	Edge_1RB_Left	23.04	/	/	21.54	/	/	<=33	Pass
		Edge_1RB_Right	22.90	/	/	21.40	/	/	<=33	Pass
		Outer_Full	22.68	/	/	21.18	/	/	<=33	Pass
		Inner_Full	23.70	/	/	22.20	/	/	<=33	Pass
		Inner_1RB_Left	23.99	/	/	22.49	/	/	<=33	Pass
		Inner_1RB_Right	23.89	/	/	22.39	/	/	<=33	Pass
	1900	Edge_1RB_Left	22.84	/	/	21.34	/	/	<=33	Pass
		Edge_1RB_Right	22.96	/	/	21.46	/	/	<=33	Pass
		Outer_Full	22.65	/	/	21.15	/	/	<=33	Pass
		Inner_Full	23.67	/	/	22.17	/	/	<=33	Pass
		Inner_1RB_Left	23.92	/	/	22.42	/	/	<=33	Pass
		Inner_1RB_Right	23.92	/	/	22.42	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	1860	Edge_1RB_Left	21.90	/	/	20.40	/	/	<=33	Pass
		Edge_1RB_Right	21.87	/	/	20.37	/	/	<=33	Pass
		Outer_Full	21.67	/	/	20.17	/	/	<=33	Pass
		Inner_Full	22.69	/	/	21.19	/	/	<=33	Pass
		Inner_1RB_Left	22.70	/	/	21.20	/	/	<=33	Pass
		Inner_1RB_Right	22.83	/	/	21.33	/	/	<=33	Pass
	1880	Edge_1RB_Left	21.92	/	/	20.42	/	/	<=33	Pass
		Edge_1RB_Right	21.76	/	/	20.26	/	/	<=33	Pass
		Outer_Full	21.70	/	/	20.20	/	/	<=33	Pass
		Inner_Full	22.73	/	/	21.23	/	/	<=33	Pass
		Inner_1RB_Left	22.88	/	/	21.38	/	/	<=33	Pass
		Inner_1RB_Right	22.75	/	/	21.25	/	/	<=33	Pass
	1900	Edge_1RB_Left	21.78	/	/	20.28	/	/	<=33	Pass
		Edge_1RB_Right	21.74	/	/	20.24	/	/	<=33	Pass
		Outer_Full	21.62	/	/	20.12	/	/	<=33	Pass
		Inner_Full	22.60	/	/	21.10	/	/	<=33	Pass
		Inner_1RB_Left	22.73	/	/	21.23	/	/	<=33	Pass
		Inner_1RB_Right	22.72	/	/	21.22	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	1860	Edge_1RB_Left	20.91	/	/	19.41	/	/	<=33	Pass
		Edge_1RB_Right	21.01	/	/	19.51	/	/	<=33	Pass
		Outer_Full	21.32	/	/	19.82	/	/	<=33	Pass
		Inner_Full	21.17	/	/	19.67	/	/	<=33	Pass
		Inner_1RB_Left	20.94	/	/	19.44	/	/	<=33	Pass
		Inner_1RB_Right	21.00	/	/	19.50	/	/	<=33	Pass
	1880	Edge_1RB_Left	21.16	/	/	19.66	/	/	<=33	Pass
		Edge_1RB_Right	20.94	/	/	19.44	/	/	<=33	Pass
		Outer_Full	21.28	/	/	19.78	/	/	<=33	Pass
		Inner_Full	21.20	/	/	19.70	/	/	<=33	Pass
		Inner_1RB_Left	21.18	/	/	19.68	/	/	<=33	Pass
		Inner_1RB_Right	20.91	/	/	19.41	/	/	<=33	Pass
	1900	Edge_1RB_Left	21.11	/	/	19.61	/	/	<=33	Pass
		Edge_1RB_Right	20.95	/	/	19.45	/	/	<=33	Pass
		Outer_Full	21.17	/	/	19.67	/	/	<=33	Pass
		Inner_Full	21.18	/	/	19.68	/	/	<=33	Pass
		Inner_1RB_Left	20.91	/	/	19.41	/	/	<=33	Pass
		Inner_1RB_Right	20.94	/	/	19.44	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	1860	Edge_1RB_Left	19.28	/	/	17.78	/	/	<=33	Pass
		Edge_1RB_Right	19.40	/	/	17.90	/	/	<=33	Pass
		Outer_Full	19.24	/	/	17.74	/	/	<=33	Pass
		Inner_Full	19.20	/	/	17.70	/	/	<=33	Pass
		Inner_1RB_Left	19.23	/	/	17.73	/	/	<=33	Pass
		Inner_1RB_Right	19.37	/	/	17.87	/	/	<=33	Pass

	1880	Edge_1RB_Left	19.44	/	/	17.94	/	/	<=33	Pass
		Edge_1RB_Right	19.25	/	/	17.75	/	/	<=33	Pass
		Outer_Full	19.25	/	/	17.75	/	/	<=33	Pass
		Inner_Full	19.22	/	/	17.72	/	/	<=33	Pass
		Inner_1RB_Left	19.40	/	/	17.90	/	/	<=33	Pass
		Inner_1RB_Right	19.21	/	/	17.71	/	/	<=33	Pass
	1900	Edge_1RB_Left	19.21	/	/	17.71	/	/	<=33	Pass
		Edge_1RB_Right	19.37	/	/	17.87	/	/	<=33	Pass
		Outer_Full	19.15	/	/	17.65	/	/	<=33	Pass
		Inner_Full	19.15	/	/	17.65	/	/	<=33	Pass
		Inner_1RB_Left	19.22	/	/	17.72	/	/	<=33	Pass
		Inner_1RB_Right	19.38	/	/	17.88	/	/	<=33	Pass
CP-OFDM QPSK	1860	Edge_1RB_Left	20.79	/	/	19.29	/	/	<=33	Pass
		Edge_1RB_Right	20.89	/	/	19.39	/	/	<=33	Pass
		Outer_Full	20.74	/	/	19.24	/	/	<=33	Pass
		Inner_Full	22.13	/	/	20.63	/	/	<=33	Pass
		Inner_1RB_Left	22.38	/	/	20.88	/	/	<=33	Pass
		Inner_1RB_Right	22.46	/	/	20.96	/	/	<=33	Pass
	1880	Edge_1RB_Left	20.97	/	/	19.47	/	/	<=33	Pass
		Edge_1RB_Right	20.77	/	/	19.27	/	/	<=33	Pass
		Outer_Full	20.65	/	/	19.15	/	/	<=33	Pass
		Inner_Full	22.08	/	/	20.58	/	/	<=33	Pass
		Inner_1RB_Left	22.53	/	/	21.03	/	/	<=33	Pass
		Inner_1RB_Right	22.31	/	/	20.81	/	/	<=33	Pass
	1900	Edge_1RB_Left	20.76	/	/	19.26	/	/	<=33	Pass
		Edge_1RB_Right	20.90	/	/	19.40	/	/	<=33	Pass
		Outer_Full	20.58	/	/	19.08	/	/	<=33	Pass
		Inner_Full	22.04	/	/	20.54	/	/	<=33	Pass
		Inner_1RB_Left	22.28	/	/	20.78	/	/	<=33	Pass
		Inner_1RB_Right	22.54	/	/	21.04	/	/	<=33	Pass
CP-OFDM 16 QAM	1860	Edge_1RB_Left	21.02	/	/	19.52	/	/	<=33	Pass
		Edge_1RB_Right	20.87	/	/	19.37	/	/	<=33	Pass
		Outer_Full	20.73	/	/	19.23	/	/	<=33	Pass
		Inner_Full	21.60	/	/	20.10	/	/	<=33	Pass
		Inner_1RB_Left	21.75	/	/	20.25	/	/	<=33	Pass
		Inner_1RB_Right	21.62	/	/	20.12	/	/	<=33	Pass
	1880	Edge_1RB_Left	20.97	/	/	19.47	/	/	<=33	Pass
		Edge_1RB_Right	20.81	/	/	19.31	/	/	<=33	Pass
		Outer_Full	20.67	/	/	19.17	/	/	<=33	Pass
		Inner_Full	21.64	/	/	20.14	/	/	<=33	Pass
		Inner_1RB_Left	21.86	/	/	20.36	/	/	<=33	Pass
		Inner_1RB_Right	21.78	/	/	20.28	/	/	<=33	Pass
	1900	Edge_1RB_Left	20.81	/	/	19.31	/	/	<=33	Pass
		Edge_1RB_Right	20.63	/	/	19.13	/	/	<=33	Pass
		Outer_Full	20.60	/	/	19.10	/	/	<=33	Pass
		Inner_Full	21.58	/	/	20.08	/	/	<=33	Pass
		Inner_1RB_Left	21.76	/	/	20.26	/	/	<=33	Pass
		Inner_1RB_Right	21.64	/	/	20.14	/	/	<=33	Pass
CP-OFDM 64 QAM	1860	Edge_1RB_Left	20.01	/	/	18.51	/	/	<=33	Pass
		Edge_1RB_Right	20.03	/	/	18.53	/	/	<=33	Pass
		Outer_Full	20.27	/	/	18.77	/	/	<=33	Pass
		Inner_Full	20.20	/	/	18.70	/	/	<=33	Pass
		Inner_1RB_Left	19.89	/	/	18.39	/	/	<=33	Pass
		Inner_1RB_Right	20.02	/	/	18.52	/	/	<=33	Pass
	1880	Edge_1RB_Left	20.05	/	/	18.55	/	/	<=33	Pass
		Edge_1RB_Right	20.00	/	/	18.50	/	/	<=33	Pass
		Outer_Full	20.25	/	/	18.75	/	/	<=33	Pass
		Inner_Full	20.20	/	/	18.70	/	/	<=33	Pass
		Inner_1RB_Left	20.17	/	/	18.67	/	/	<=33	Pass

	1900	Inner_1RB_Right	19.98	/	/	18.48	/	/	<=33	Pass
		Edge_1RB_Left	19.99	/	/	18.49	/	/	<=33	Pass
		Edge_1RB_Right	19.85	/	/	18.35	/	/	<=33	Pass
		Outer_Full	20.17	/	/	18.67	/	/	<=33	Pass
		Inner_Full	20.14	/	/	18.64	/	/	<=33	Pass
		Inner_1RB_Left	20.00	/	/	18.50	/	/	<=33	Pass
		Inner_1RB_Right	19.82	/	/	18.32	/	/	<=33	Pass
CP-OFDM 256 QAM	1860	Edge_1RB_Left	17.20	/	/	15.70	/	/	<=33	Pass
		Edge_1RB_Right	17.34	/	/	15.84	/	/	<=33	Pass
		Outer_Full	17.37	/	/	15.87	/	/	<=33	Pass
		Inner_Full	17.25	/	/	15.75	/	/	<=33	Pass
		Inner_1RB_Left	17.18	/	/	15.68	/	/	<=33	Pass
		Inner_1RB_Right	17.29	/	/	15.79	/	/	<=33	Pass
	1880	Edge_1RB_Left	17.40	/	/	15.90	/	/	<=33	Pass
		Edge_1RB_Right	17.25	/	/	15.75	/	/	<=33	Pass
		Outer_Full	17.31	/	/	15.81	/	/	<=33	Pass
		Inner_Full	17.30	/	/	15.80	/	/	<=33	Pass
		Inner_1RB_Left	17.40	/	/	15.90	/	/	<=33	Pass
		Inner_1RB_Right	17.21	/	/	15.71	/	/	<=33	Pass
	1900	Edge_1RB_Left	17.25	/	/	15.75	/	/	<=33	Pass
		Edge_1RB_Right	17.24	/	/	15.74	/	/	<=33	Pass
		Outer_Full	17.30	/	/	15.80	/	/	<=33	Pass
		Inner_Full	17.24	/	/	15.74	/	/	<=33	Pass
		Inner_1RB_Left	17.22	/	/	15.72	/	/	<=33	Pass
		Inner_1RB_Right	17.22	/	/	15.72	/	/	<=33	Pass
Note1: Antenna Gain: Ant5: -1.50dBi; 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	2.60	0.0014	>=-2.5 & <=2.5	Pass
				HV	-2.50	-0.0013	>=-2.5 & <=2.5	Pass
			-30	NV	-3.20	-0.0017	>=-2.5 & <=2.5	Pass
				NV	1.60	0.0009	>=-2.5 & <=2.5	Pass
			-10	NV	0.60	0.0003	>=-2.5 & <=2.5	Pass
				NV	-2.30	-0.0012	>=-2.5 & <=2.5	Pass
			10	NV	-2.50	-0.0013	>=-2.5 & <=2.5	Pass
				NV	-0.80	-0.0004	>=-2.5 & <=2.5	Pass
			30	NV	-2.10	-0.0011	>=-2.5 & <=2.5	Pass
				NV	-1.40	-0.0007	>=-2.5 & <=2.5	Pass
			50	NV	2.00	0.0011	>=-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 QPSK	1880	Outer_Full	4.53	5.00	/	Pass
DFT-s-OFDM 16 QAM	1880	Outer_Full	4.53	4.99	/	Pass
DFT-s-OFDM 64 QAM	1880	Outer_Full	4.55	5.00	/	Pass
DFT-s-OFDM 256 QAM	1880	Outer_Full	4.55	6.35	/	Pass
CP-OFDM QPSK	1880	Outer_Full	4.53	4.96	/	Pass
CP-OFDM 16 QAM	1880	Outer_Full	4.53	4.99	/	Pass
CP-OFDM 64 QAM	1880	Outer_Full	4.53	5.02	/	Pass
CP-OFDM 256 QAM	1880	Outer_Full	4.52	5.14	/	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 QPSK	1880	Outer_Full	9.05	9.74	/	Pass
DFT-s-OFDM 16 QAM	1880	Outer_Full	9.07	9.80	/	Pass
DFT-s-OFDM 64 QAM	1880	Outer_Full	9.08	9.75	/	Pass
DFT-s-OFDM 256 QAM	1880	Outer_Full	9.01	9.70	/	Pass
CP-OFDM QPSK	1880	Outer_Full	9.38	10.10	/	Pass
CP-OFDM 16 QAM	1880	Outer_Full	9.35	10.17	/	Pass
CP-OFDM 64 QAM	1880	Outer_Full	9.39	10.07	/	Pass
CP-OFDM 256 QAM	1880	Outer_Full	9.38	10.44	/	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 QPSK	1880	Outer_Full	13.60	14.86	/	Pass
DFT-s-OFDM 16 QAM	1880	Outer_Full	13.58	14.59	/	Pass
DFT-s-OFDM 64 QAM	1880	Outer_Full	13.56	14.61	/	Pass
DFT-s-OFDM 256 QAM	1880	Outer_Full	13.56	14.74	/	Pass
CP-OFDM QPSK	1880	Outer_Full	14.21	15.34	/	Pass
CP-OFDM 16 QAM	1880	Outer_Full	14.29	16.98	/	Pass
CP-OFDM 64 QAM	1880	Outer_Full	14.27	15.31	/	Pass
CP-OFDM 256 QAM	1880	Outer_Full	14.27	15.26	/	Pass

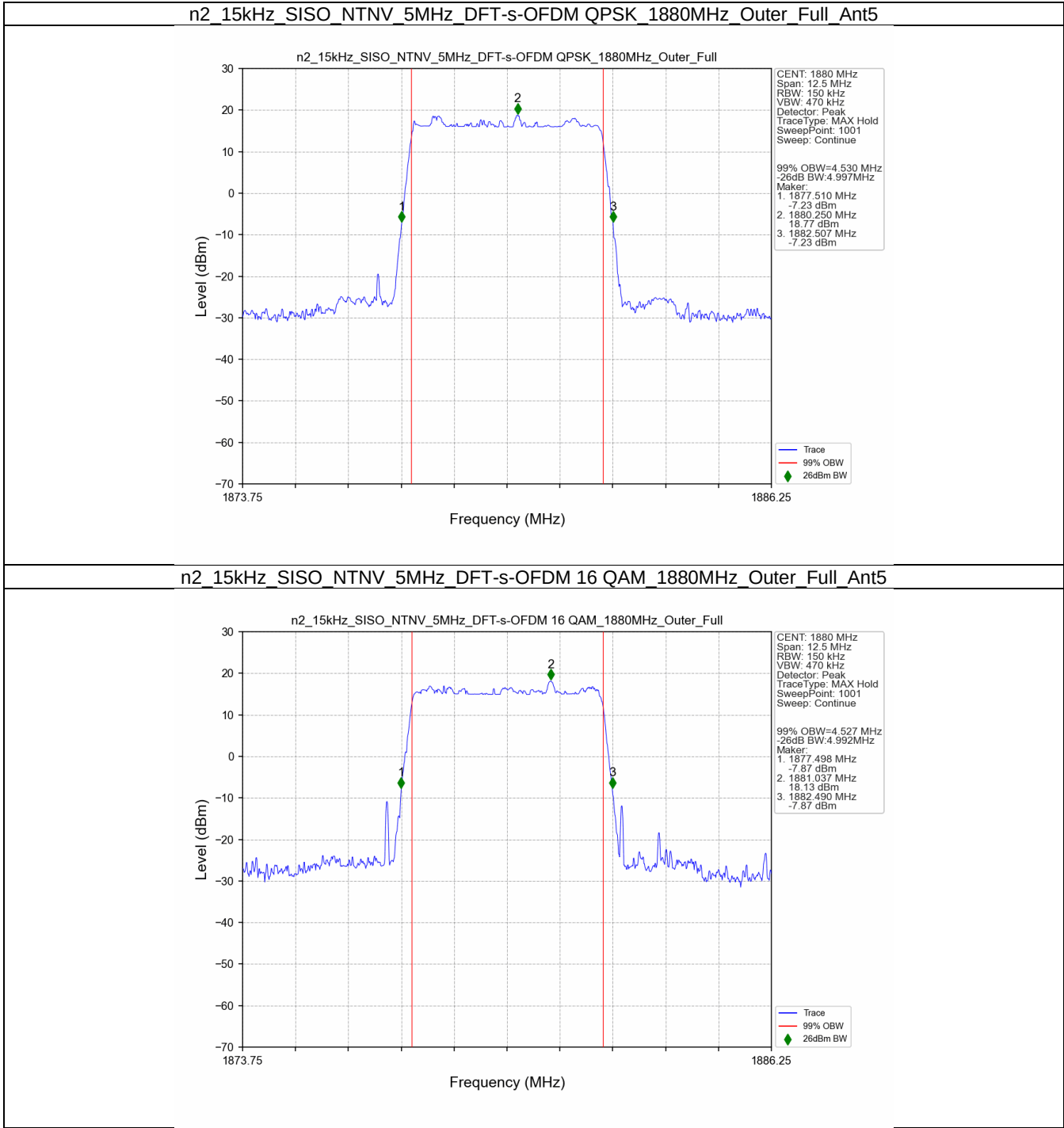
3.1.4 15_S_20M_NTNV

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 QPSK	1880	Outer_Full	18.06	19.43	/	Pass
DFT-s-OFDM 16 QAM	1880	Outer_Full	18.06	19.41	/	Pass

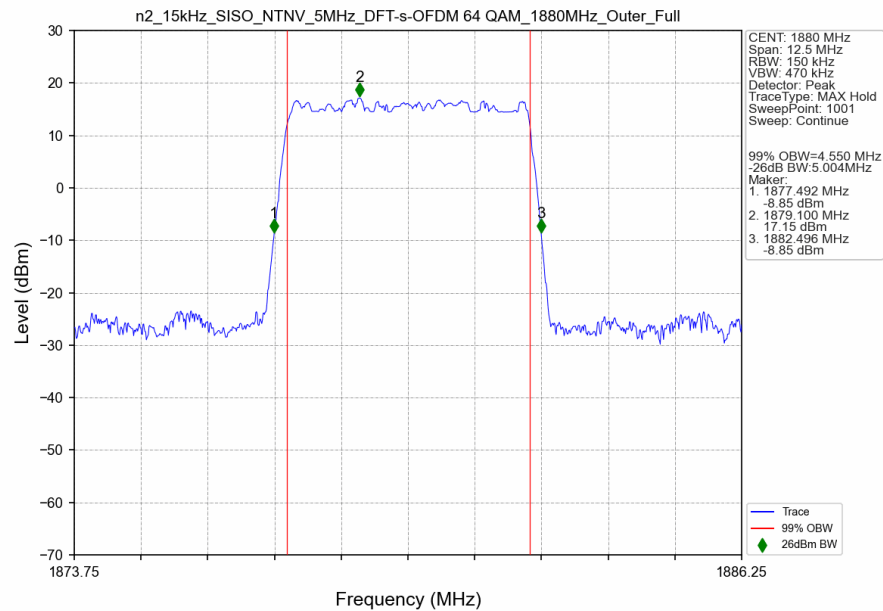
DFT-s-OFDM 64 QAM	1880	Outer_Full	18.06	19.44	/	Pass
DFT-s-OFDM 256 QAM	1880	Outer_Full	18.03	19.40	/	Pass
CP-OFDM QPSK	1880	Outer_Full	19.10	20.65	/	Pass
CP-OFDM 16 QAM	1880	Outer_Full	19.11	20.49	/	Pass
CP-OFDM 64 QAM	1880	Outer_Full	19.11	20.50	/	Pass
CP-OFDM 256 QAM	1880	Outer_Full	19.09	20.45	/	Pass

3.2 Test Graph

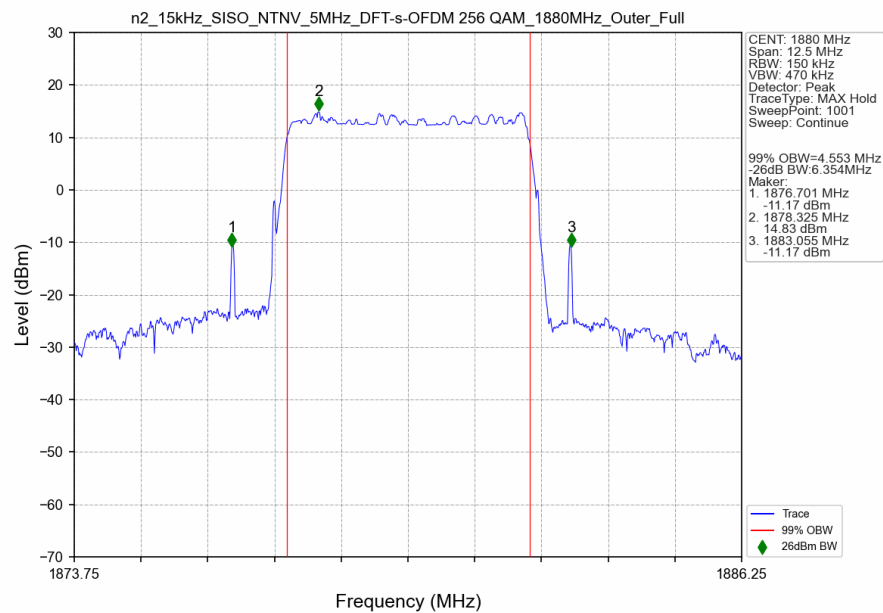
3.2.1 15_S_5M_NTNV



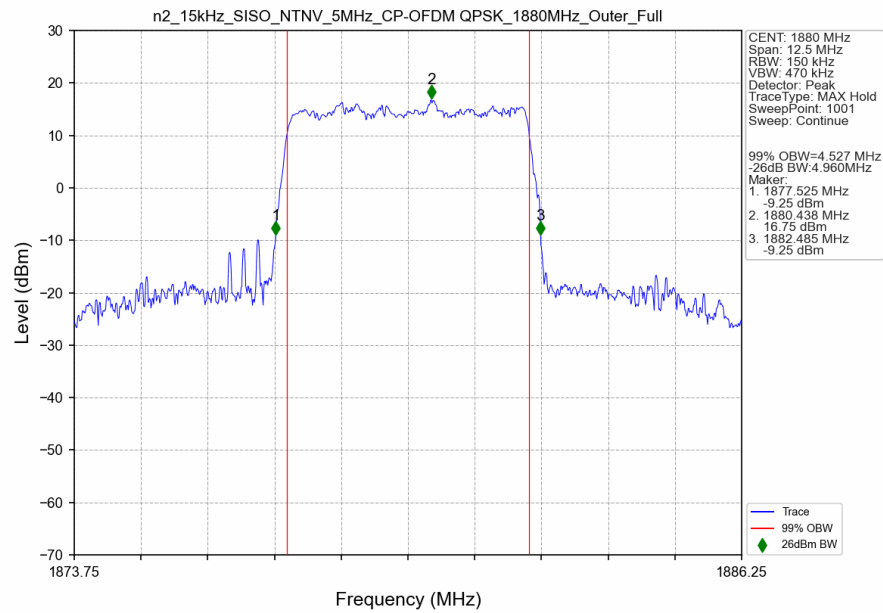
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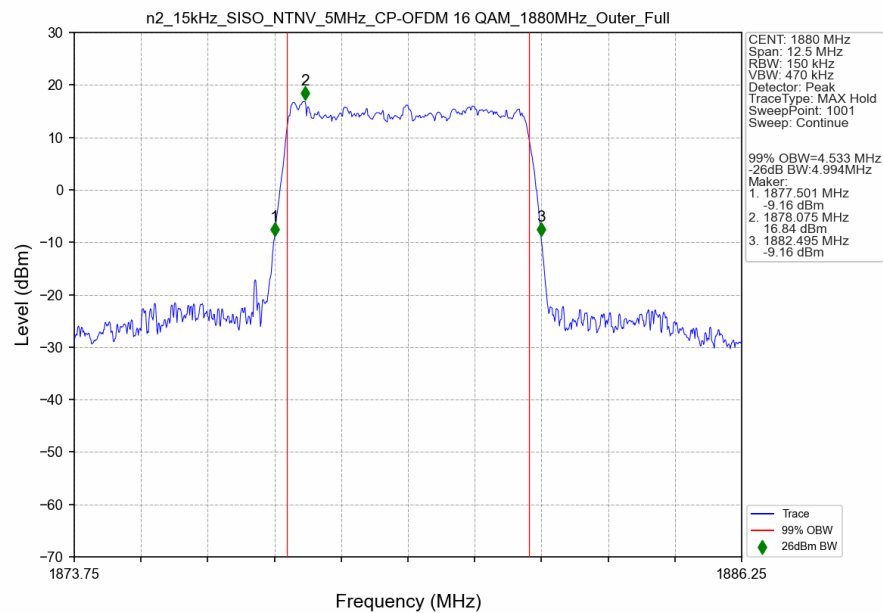
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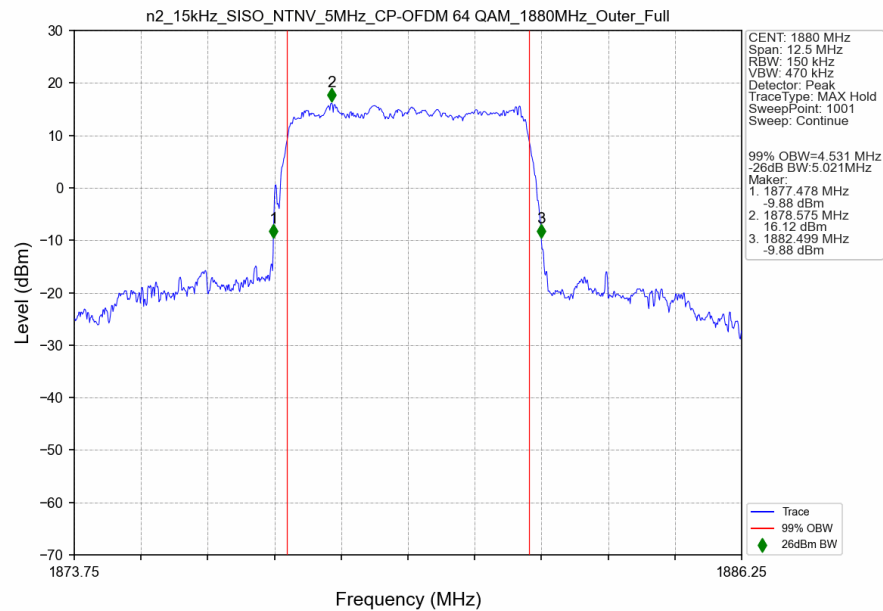
n2_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_1880MHz_Outer_Full_Ant5



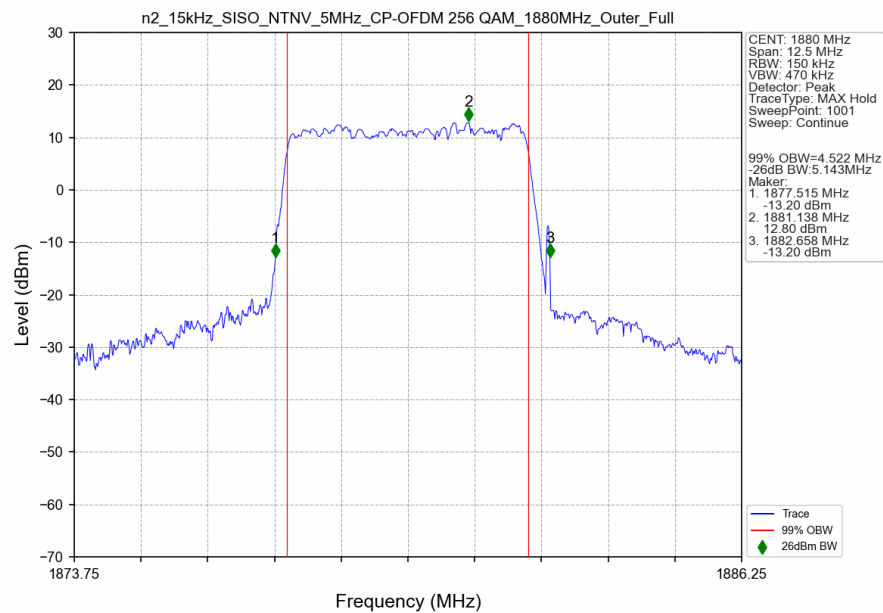
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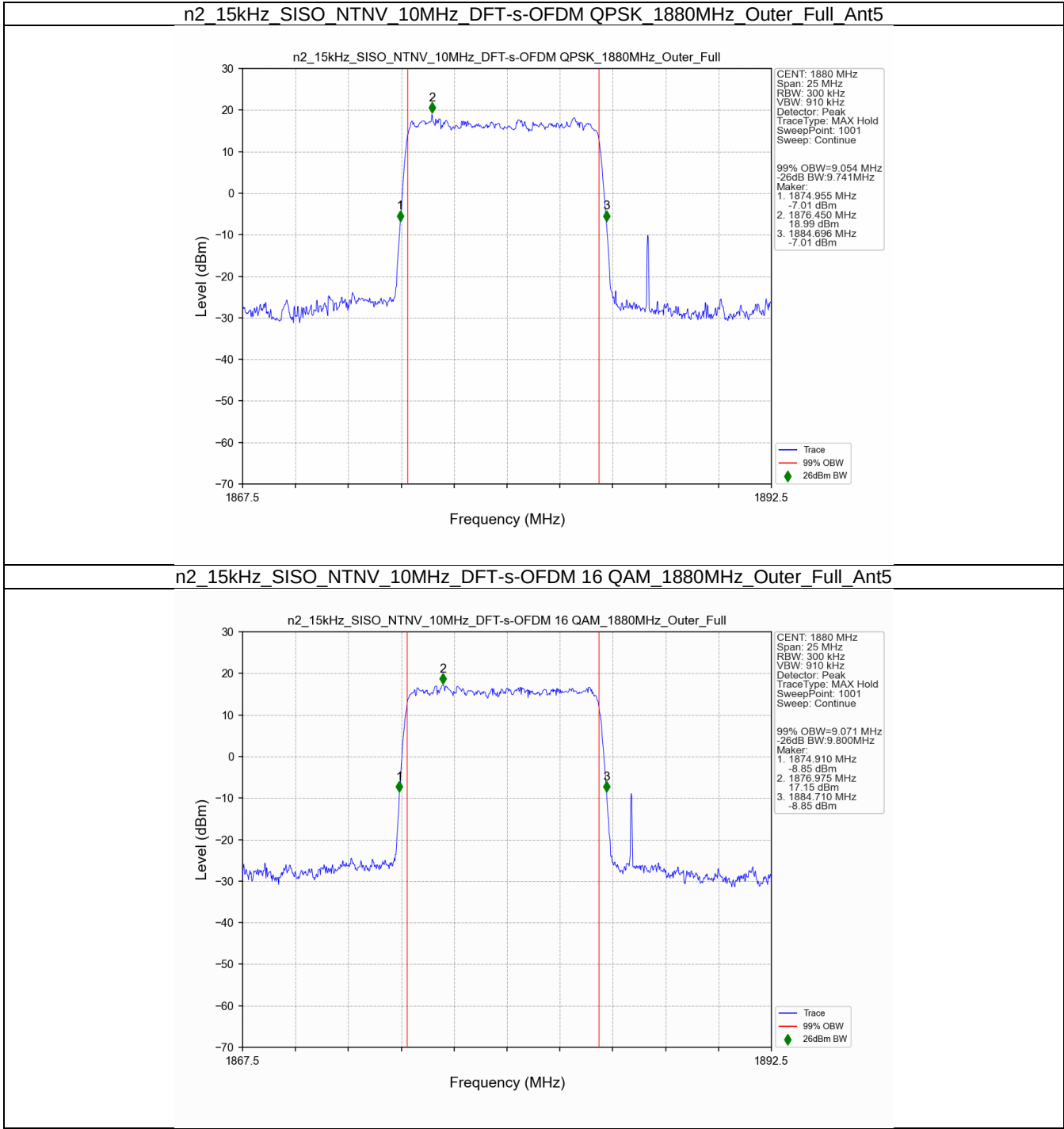
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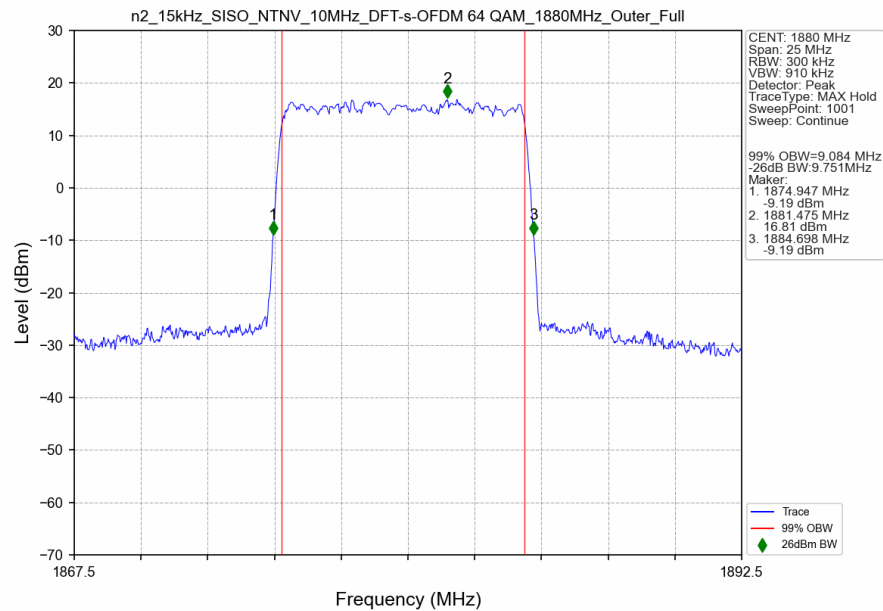
n2_15kHz_SISO_NTNV_5MHz_CP-OFDM 256 QAM_1880MHz_Outer_Full_Ant5



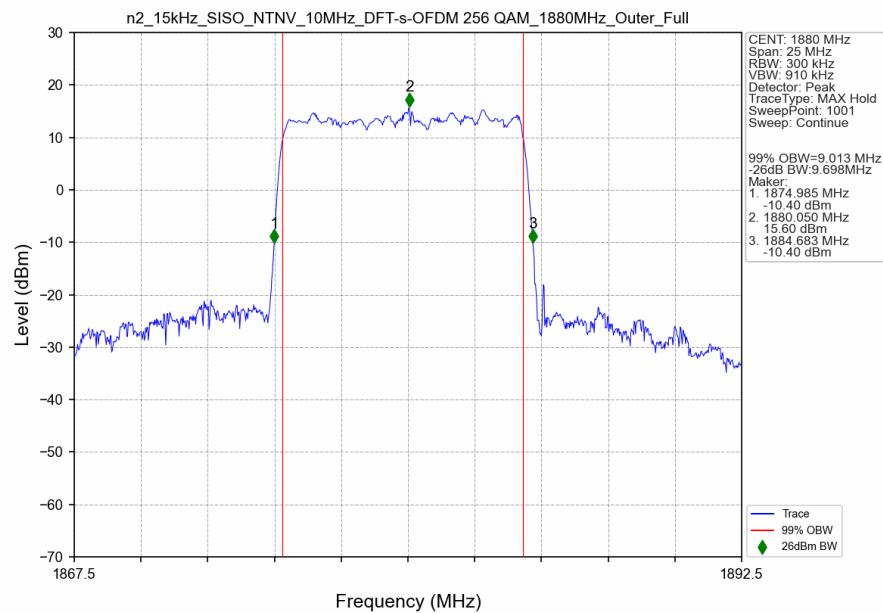
3.2.2 15_S_10M_NTNV



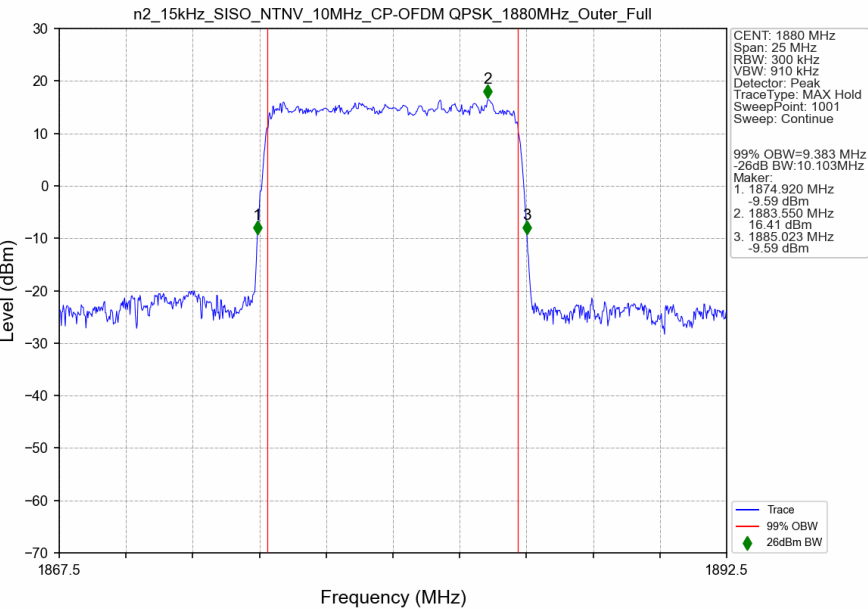
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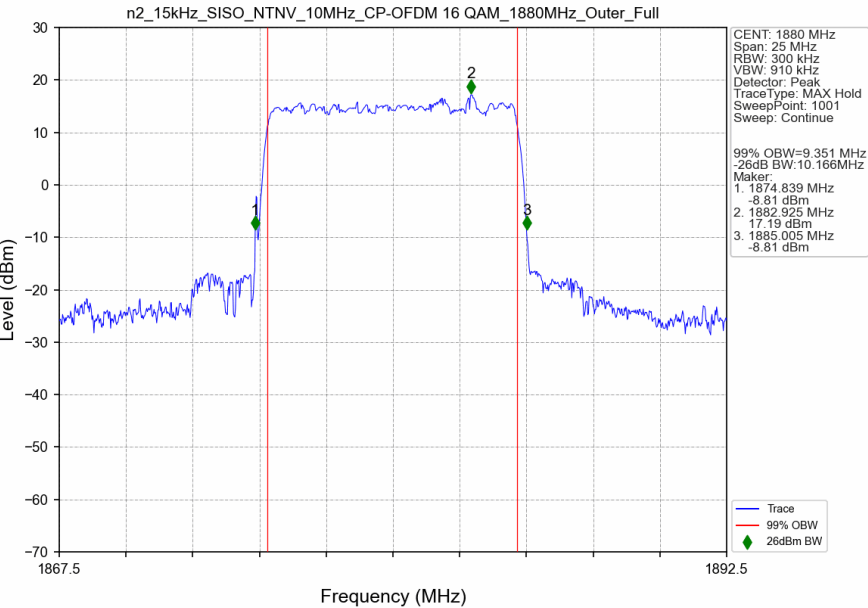
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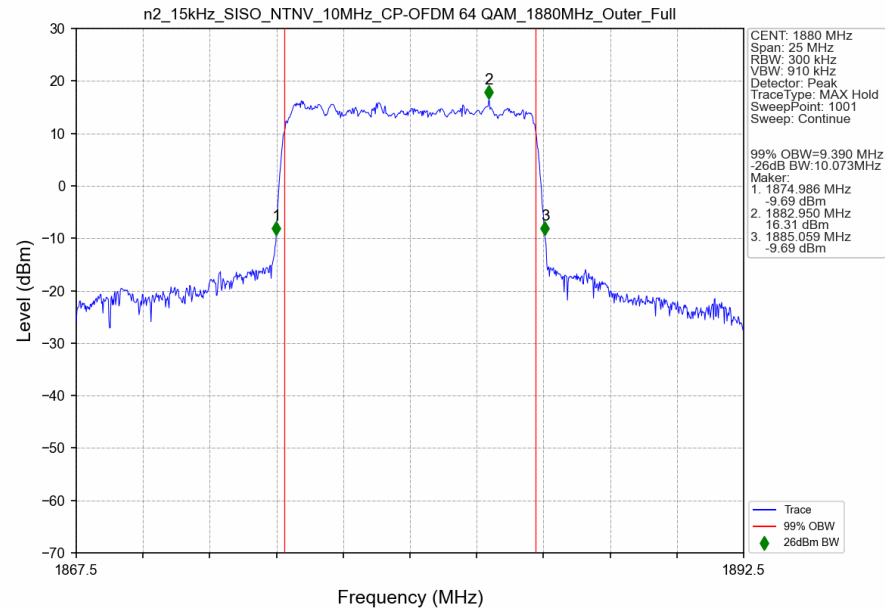
n2_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_1880MHz_Outer_Full_Ant5



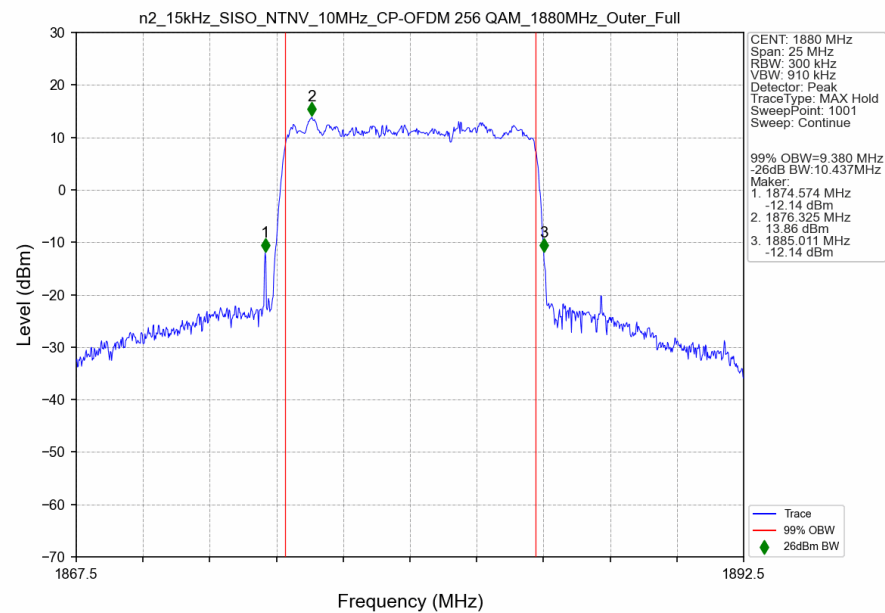
n2_15kHz_SISO_NTNV_10MHz_CP-OFDM 16 QAM_1880MHz_Outer_Full_Ant5



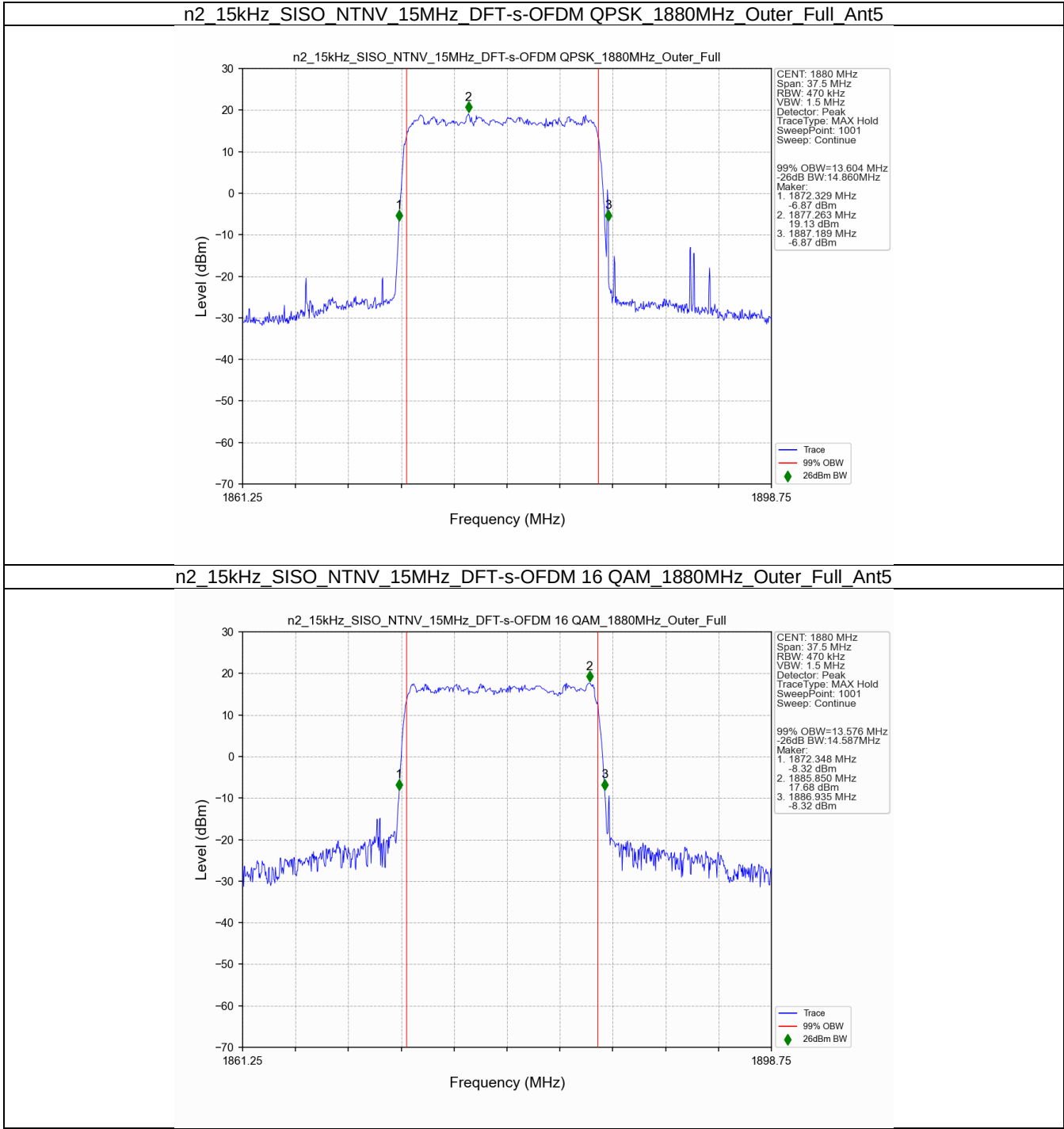
n2_15kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM 1880MHz_Outer_Full_Ant5



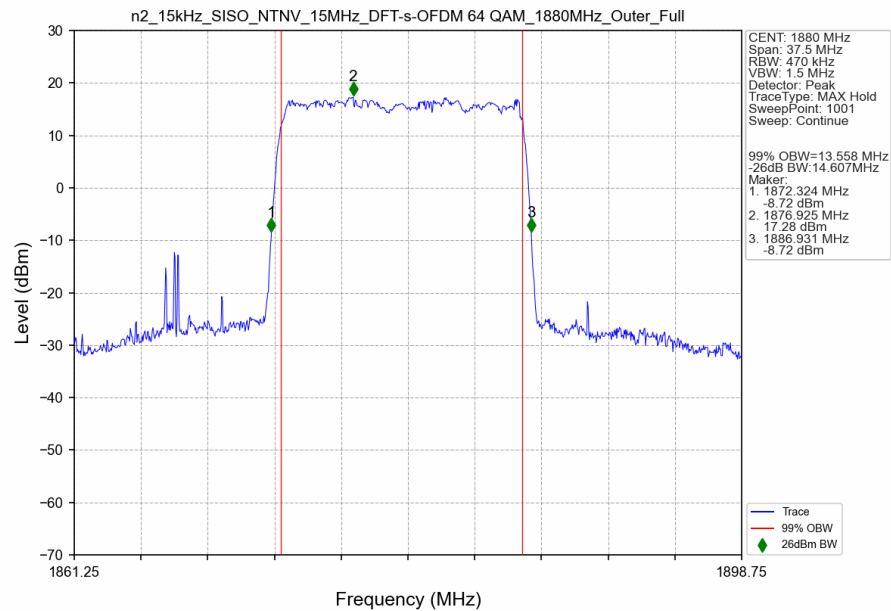
n2_15kHz_SISO_NTNV_10MHz_CP-OFDM 256 QAM 1880MHz_Outer_Full_Ant5



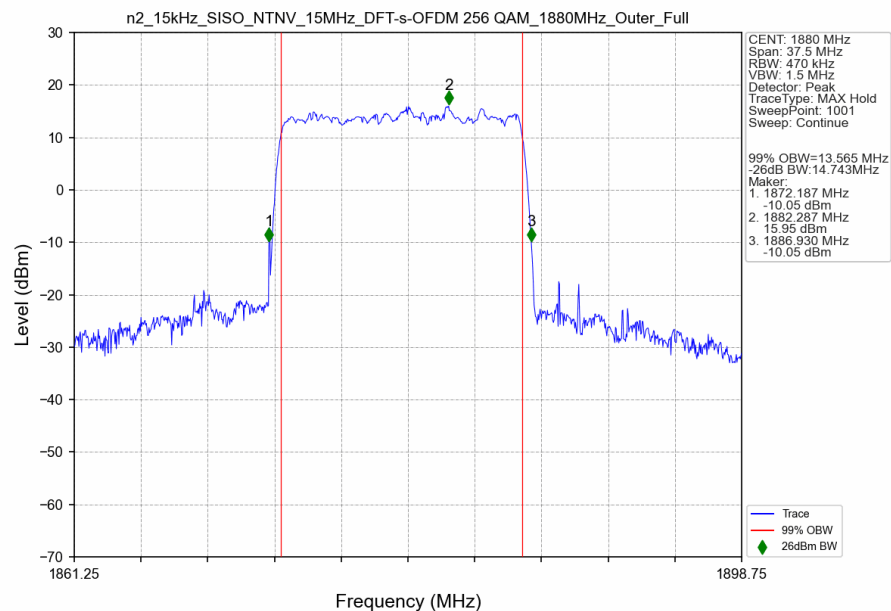
3.2.3 15_S_15M_NTNV



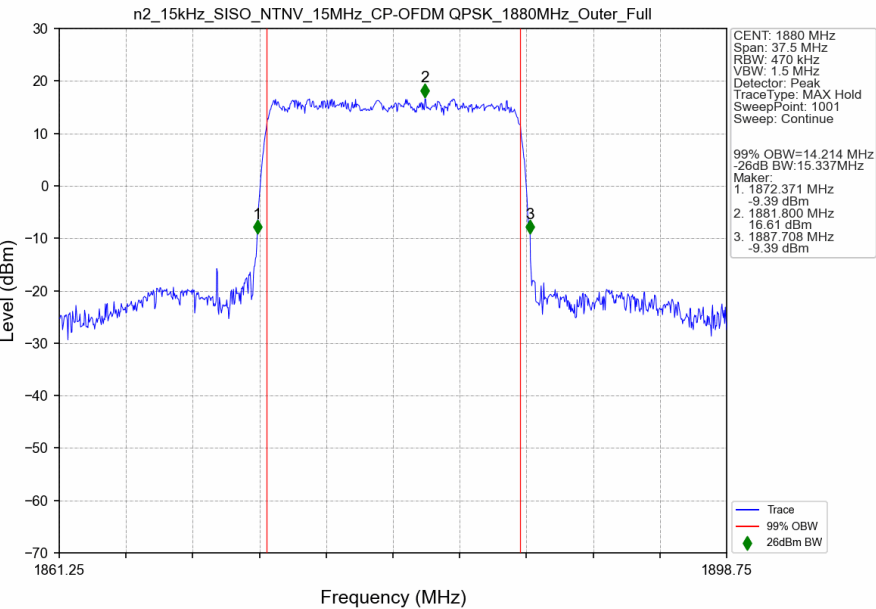
n2_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 64 QAM_1880MHz_Outer_Full_Ant5



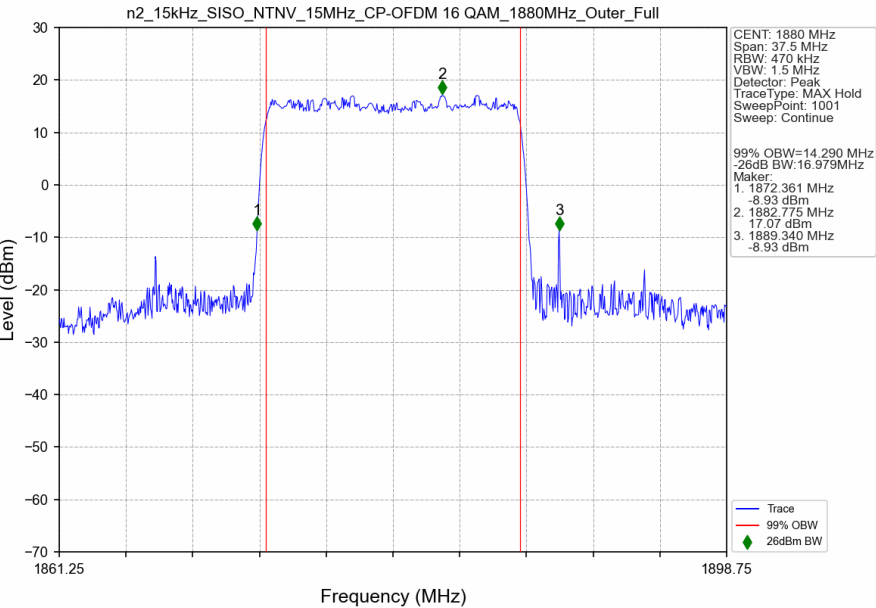
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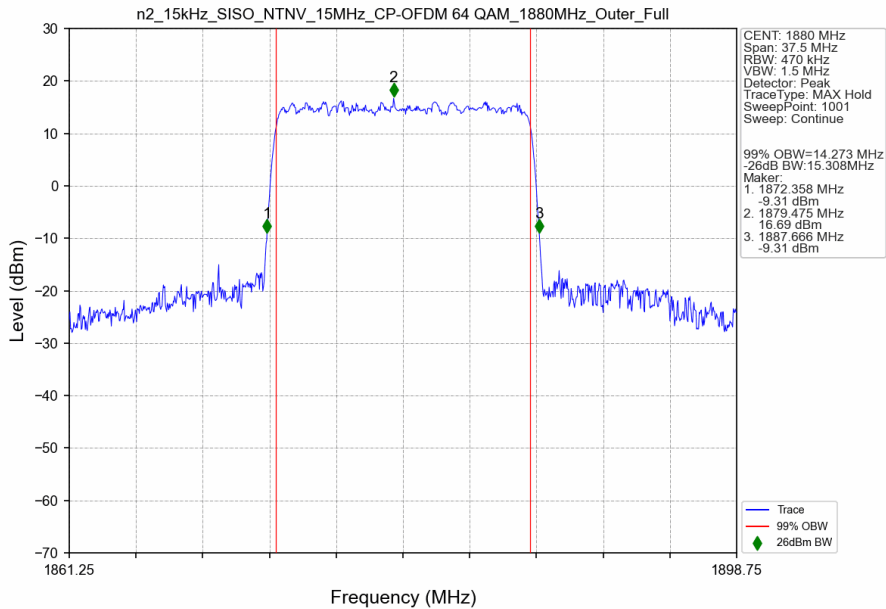
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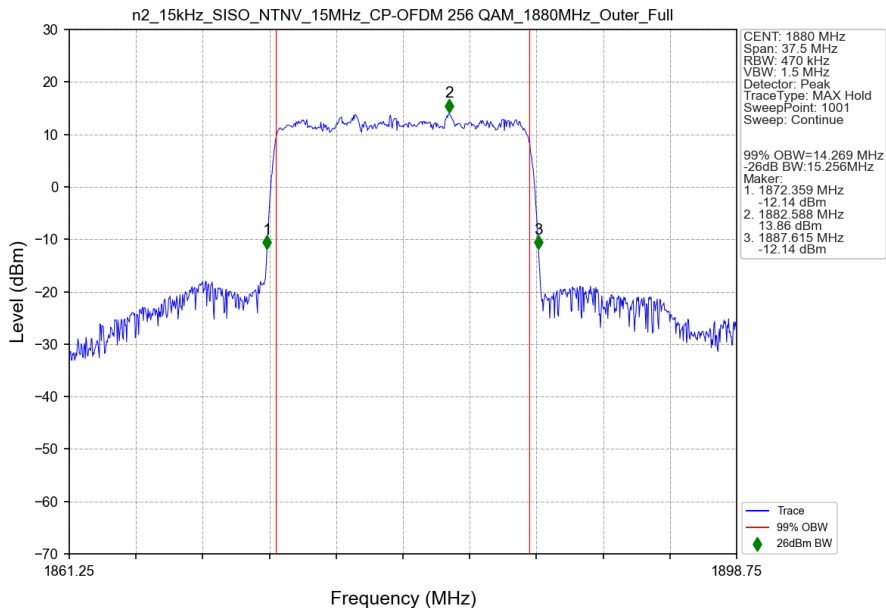
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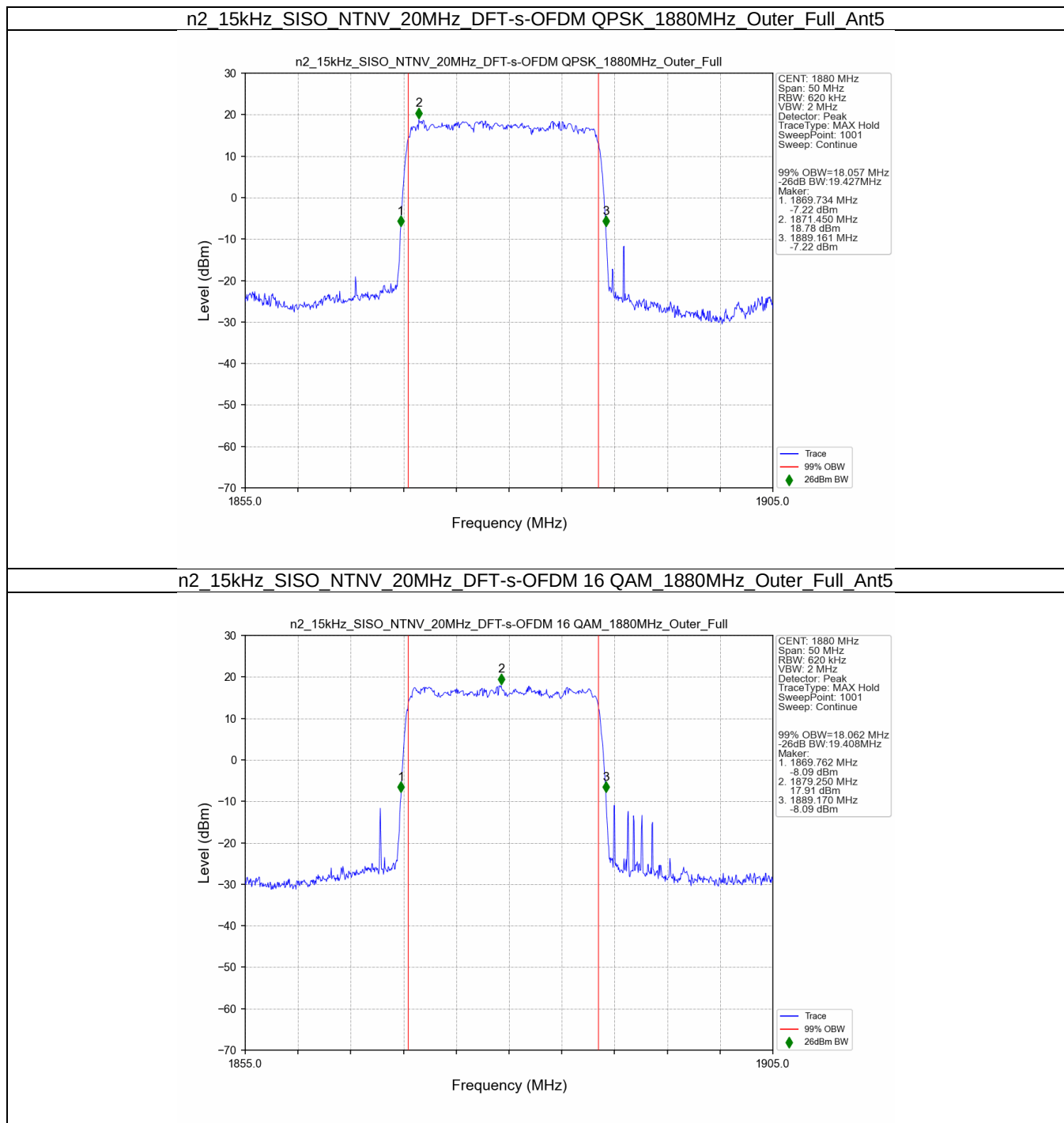
n2_15kHz_SISO_NTNV_15MHz_CP-OFDM 64 QAM 1880MHz_Outer_Full_Ant5



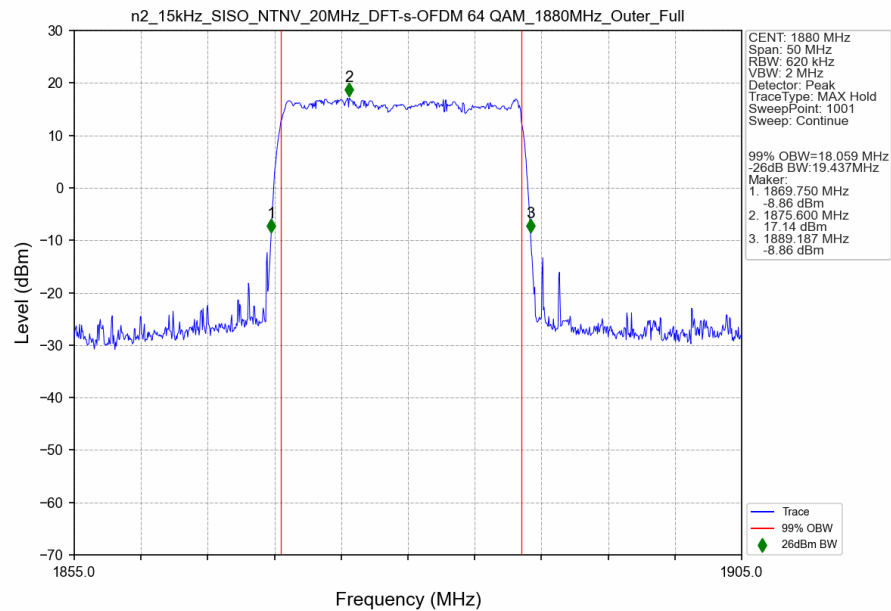
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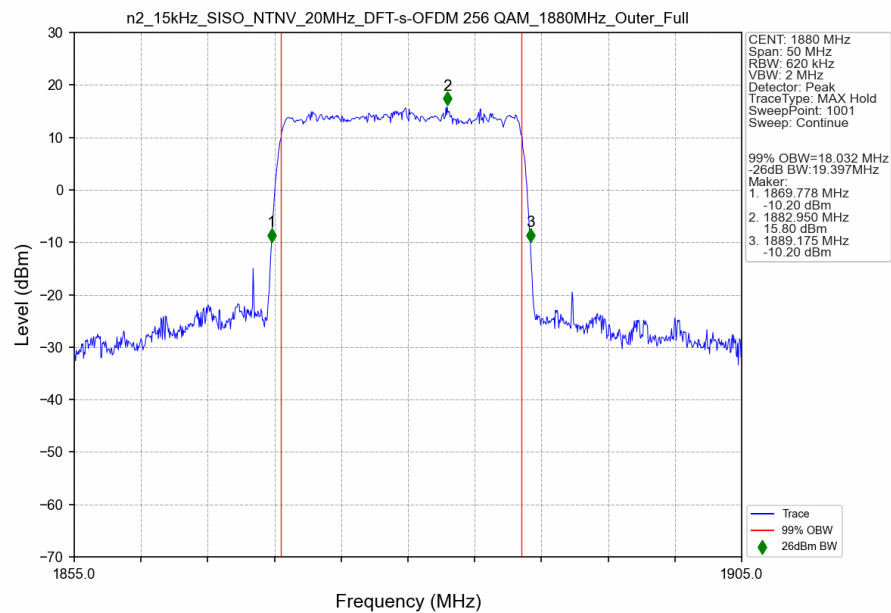
3.2.4 15_S_20M_NTNV



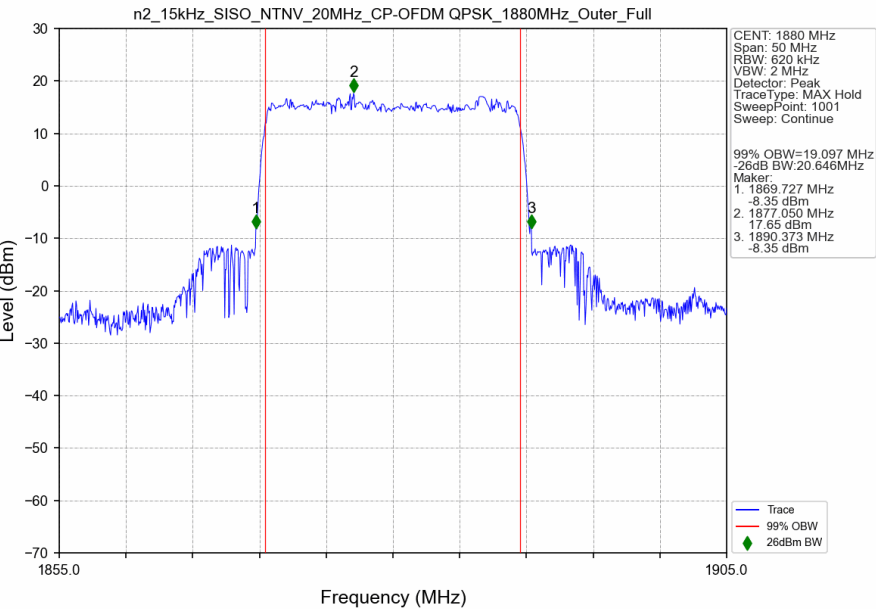
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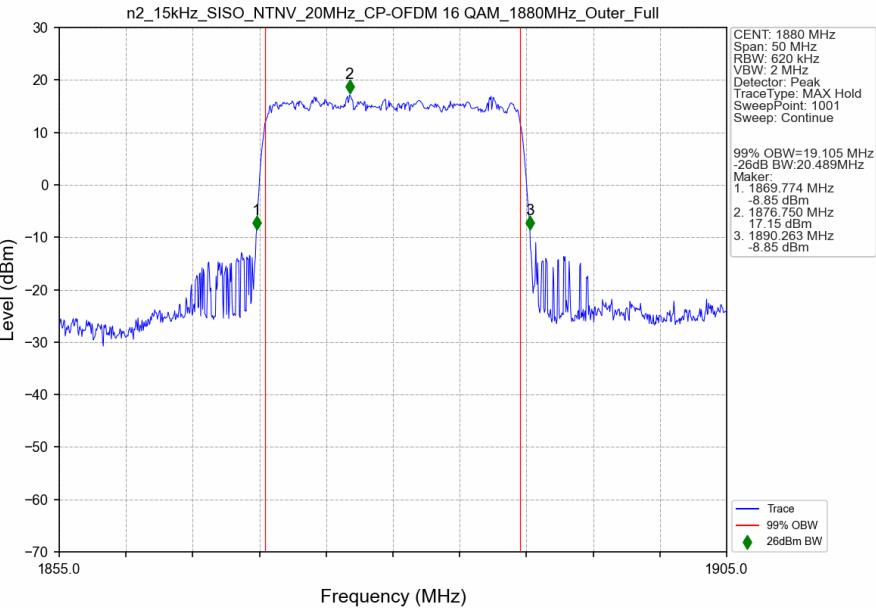
n2_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 256 QAM_1880MHz_Outer_Full_Ant5



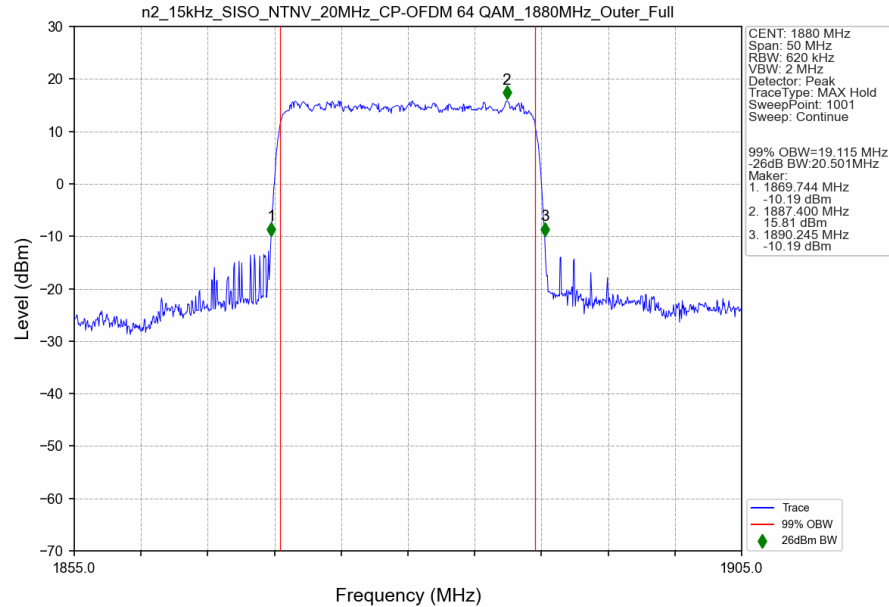
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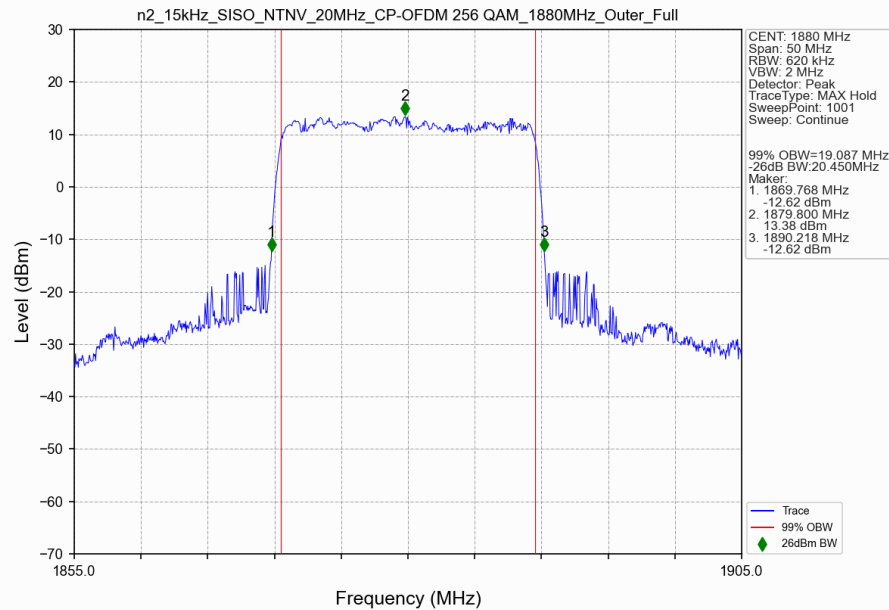
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n2_15kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM 1880MHz_Outer_Full_Ant5



n2_15kHz_SISO_NTNV_20MHz_CP-OFDM 256 QAM 1880MHz_Outer_Full_Ant5



4. Peak-Average Ratio

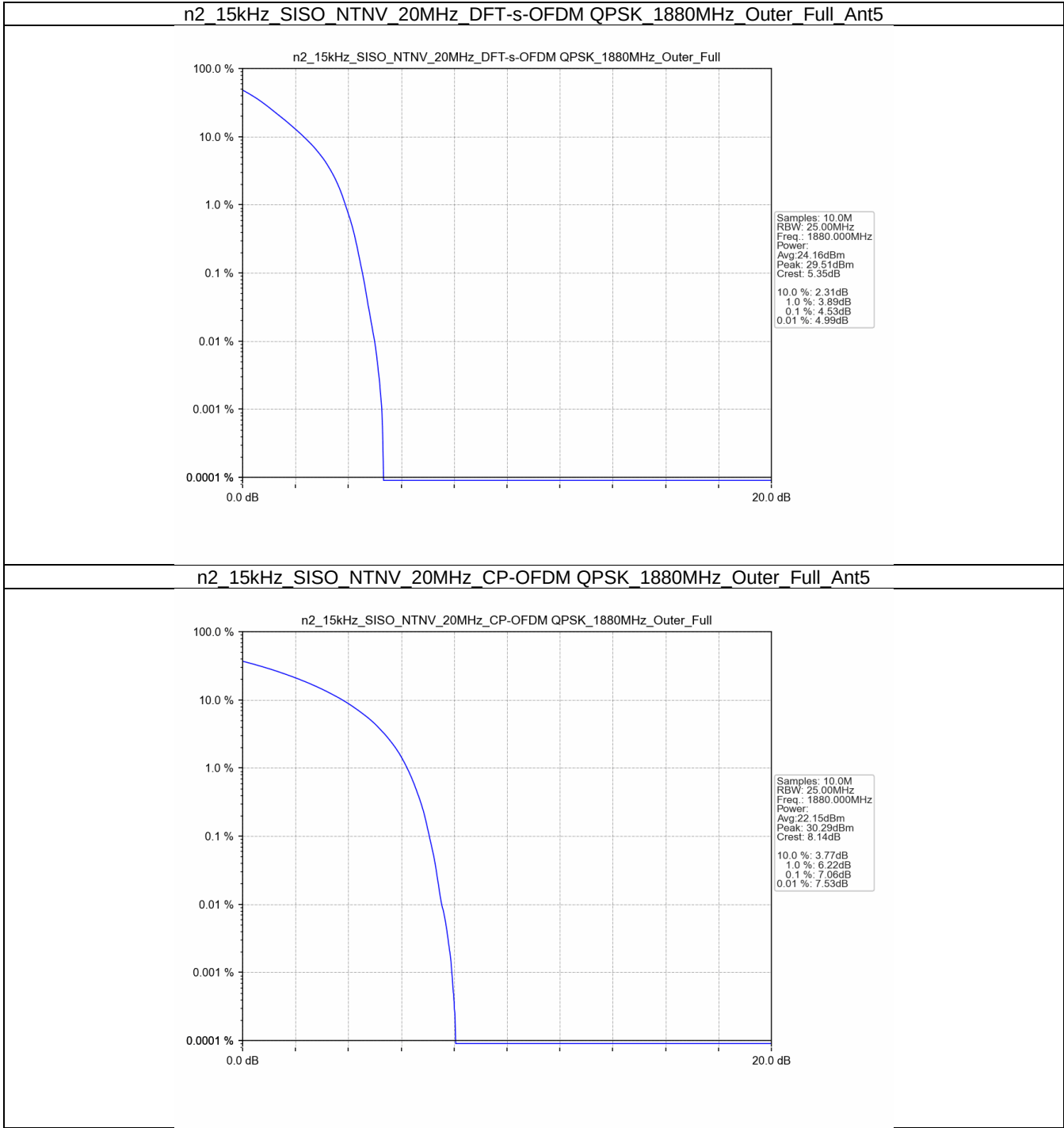
4.1 Test Result

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
			Ant5	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	1880	Outer Full	4.53	/	/	<=13	Pass
CP-OFDM QPSK	1880	Outer Full	7.06	/	/	<=13	Pass

4.2 Test Graph

4.2.1 15_S_20M_NTNV



5. Spurious Emission

5.1 Test Result

5.1.1 15_S_5M_NTNV

5G NR n2 SCS=15kHz SISO 5MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant5	Ant2	Sum	Limit	
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
		1907.5	Edge_1RB_Right	Refer To Test Graph			
			Outer_Full	Refer To Test Graph			
				Refer To Test Graph			
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
		1907.5	Edge_1RB_Right	Refer To Test Graph			
			Outer_Full	Refer To Test Graph			
				Refer To Test Graph			

5.1.2 15_S_15M_NTNV

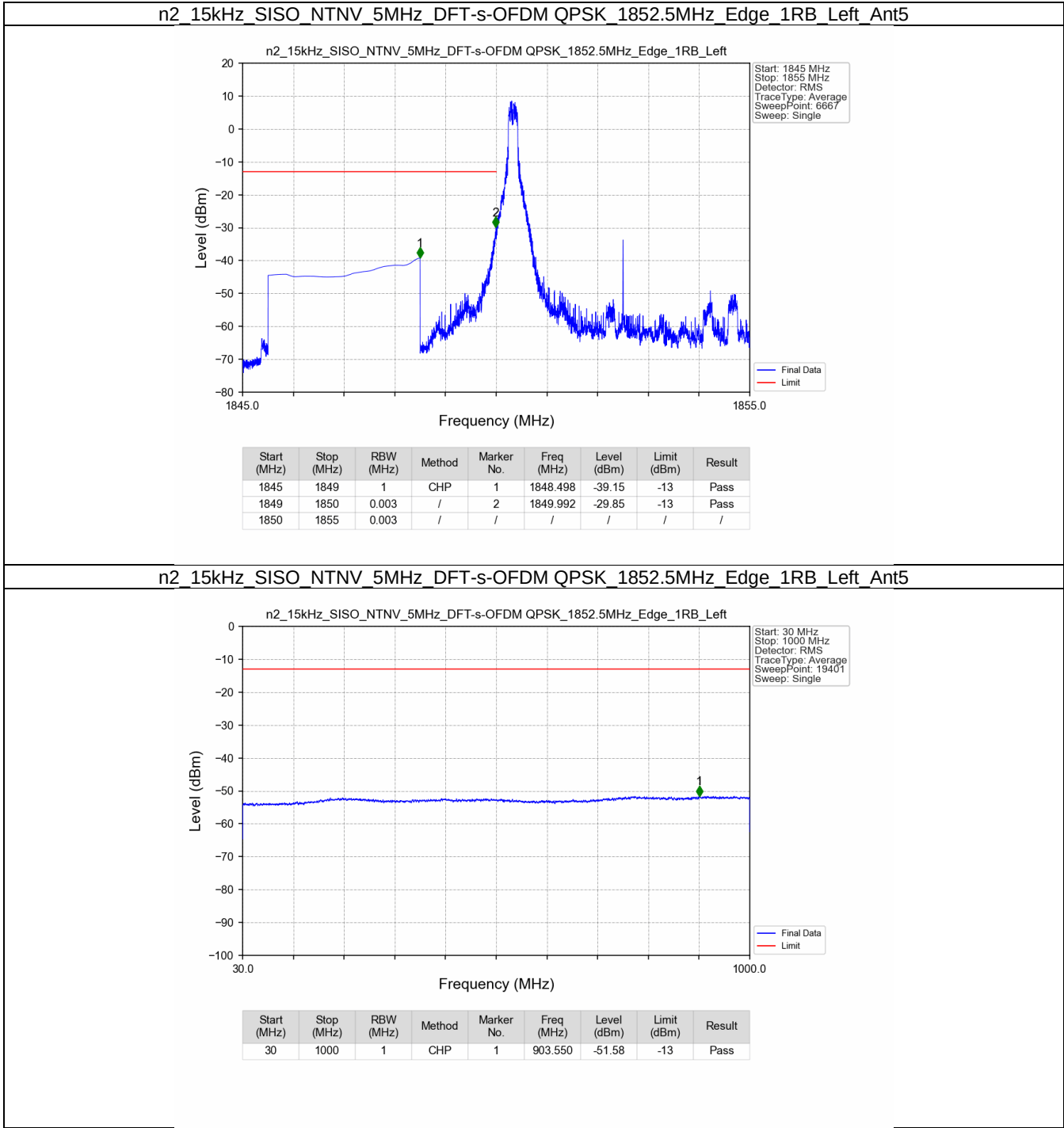
5G NR n2 SCS=15kHz SISO 15MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant5	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	1857.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	1880	Edge_1RB_Left	Refer To Test Graph				Pass
	1902.5	Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	CP-OFDM QPSK	1857.5	Edge_1RB_Left	Refer To Test Graph			
Outer_Full			Refer To Test Graph				Pass
1880		Edge_1RB_Left	Refer To Test Graph				Pass
1902.5		Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass

5.1.3 15_S_20M_NTNV

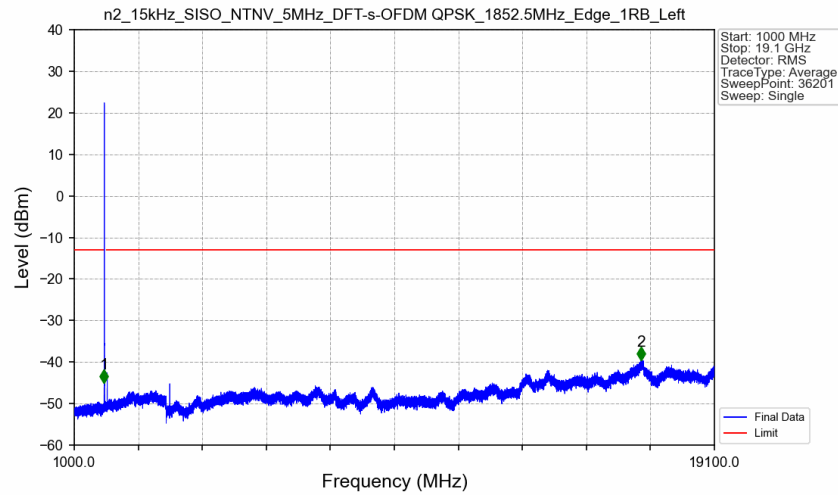
5G NR n2 SCS=15kHz SISO 20MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant5	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	1860	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	1880	Edge_1RB_Left	Refer To Test Graph				Pass
		1900	Edge_1RB_Right	Refer To Test Graph			
			Outer_Full	Refer To Test Graph			
	CP-OFDM QPSK	1860	Edge_1RB_Left	Refer To Test Graph			
Outer_Full			Refer To Test Graph				Pass
1880		Edge_1RB_Left	Refer To Test Graph				Pass
		1900	Edge_1RB_Right	Refer To Test Graph			
			Outer_Full	Refer To Test Graph			

5.2 Test Graph

5.2.1 15_S_5M_NTNV

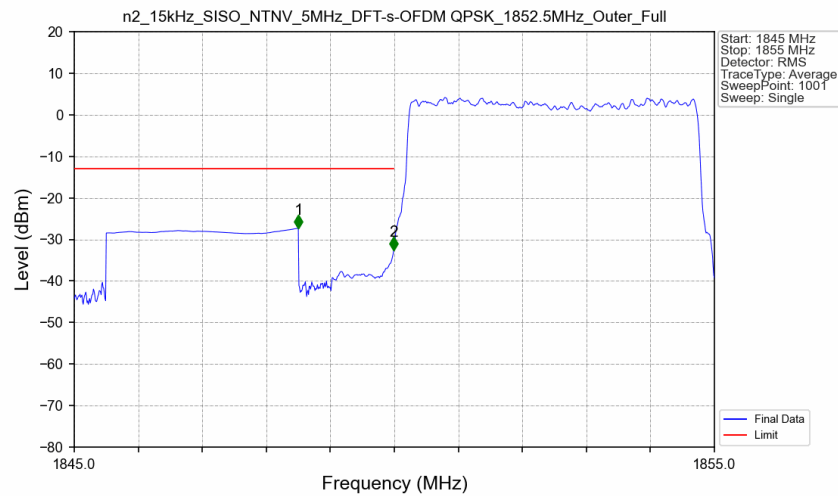


n2_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_1852.5MHz_Edge_1RB_Left_Ant5



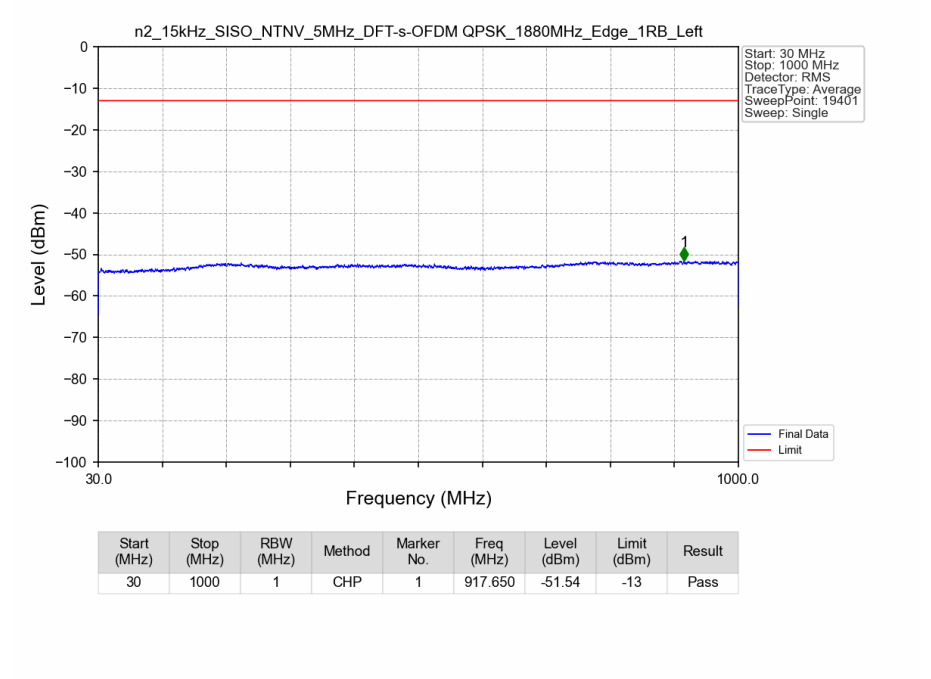
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1849	1	/	1	1844.500	-45.01	-13	Pass
1849	1915	1	/	/	/	/	/	/
1915	19100	1	/	2	17025.000	-39.56	-13	Pass

n2_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_1852.5MHz_Outer_Full_Ant5

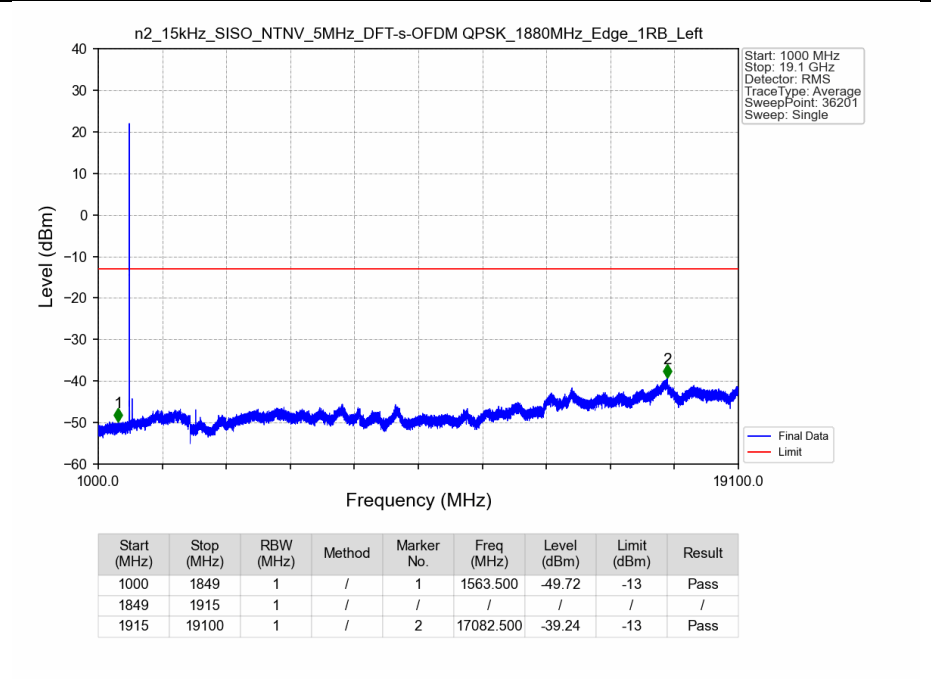


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1845	1849	1	CHP	1	1848.500	-27.33	-13	Pass
1849	1850	0.05004	CHP	2	1849.990	-32.63	-13	Pass
1850	1855	0.05004	CHP	/	/	/	/	/

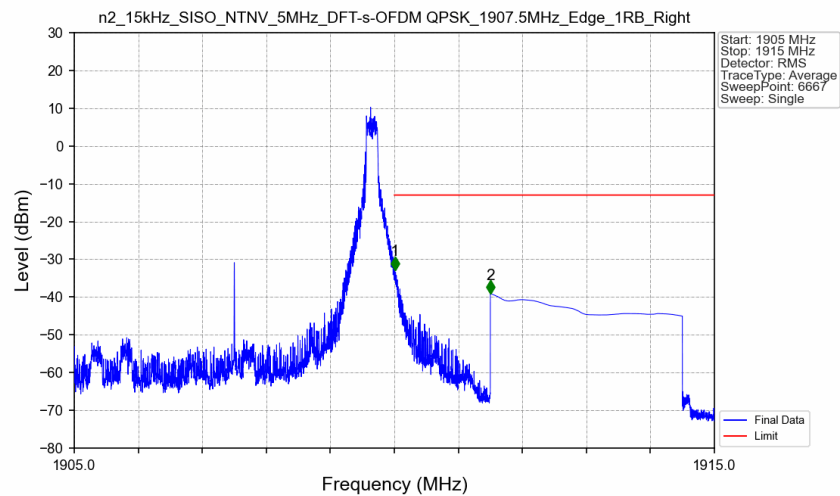
n2_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_1880MHz_Edge_1RB_Left_Ant5



n2_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_1880MHz_Edge_1RB_Left_Ant5

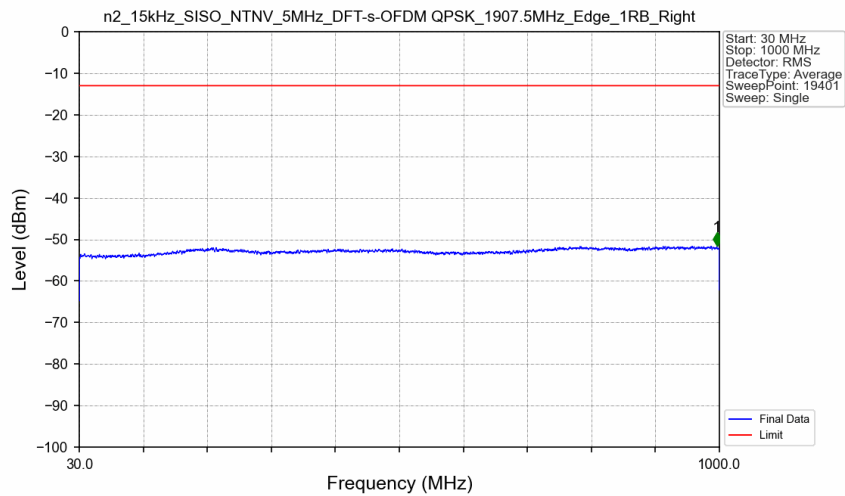


n2_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_1907.5MHz_Edge_1RB_Right_Ant5



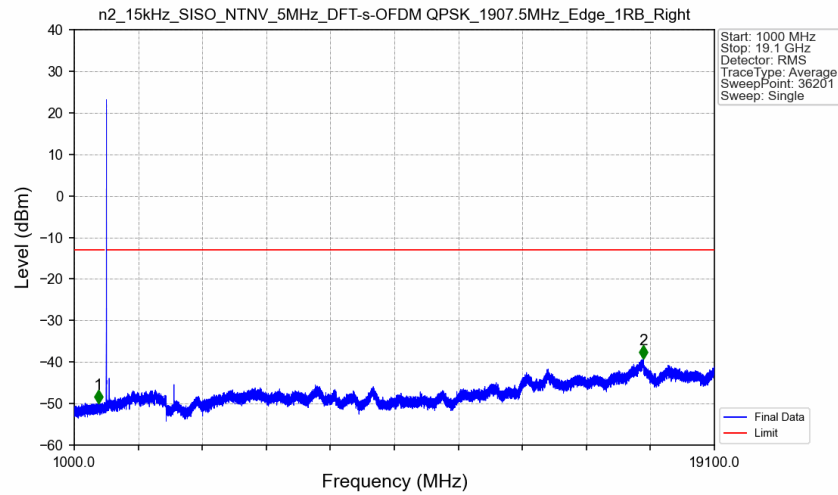
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1905	1910	0.003	/	/	/	/	/	/
1910	1911	0.003	/	1	1910.006	-32.75	-13	Pass
1911	1915	1	CHP	2	1911.500	-39.04	-13	Pass

n2_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_1907.5MHz_Edge_1RB_Right_Ant5



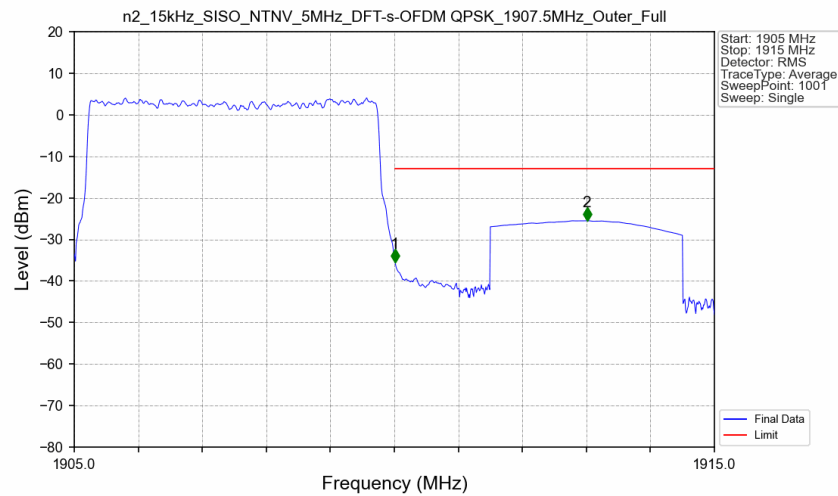
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	996.300	-51.55	-13	Pass

n2_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_1907.5MHz_Edge_1RB_Right_Ant5



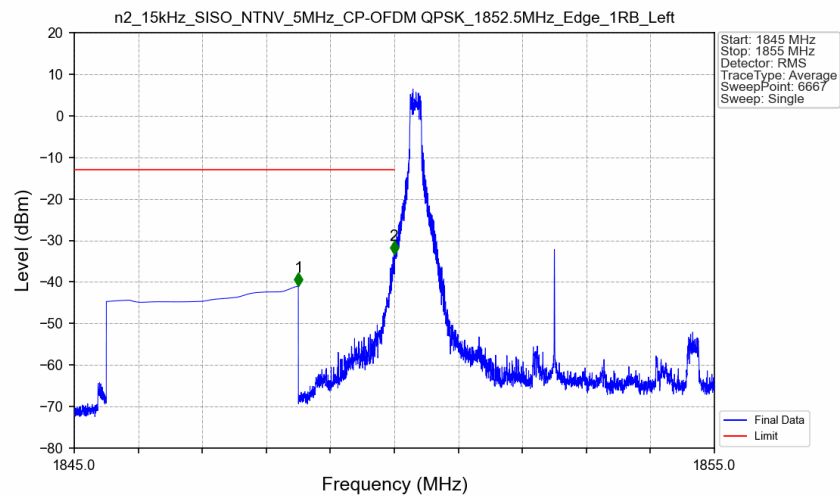
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1849	1	/	1	1682.500	-49.86	-13	Pass
1849	1915	1	/	/	/	/	/	/
1915	19100	1	/	2	17093.000	-39.26	-13	Pass

n2_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_1907.5MHz_Outer_Full_Ant5



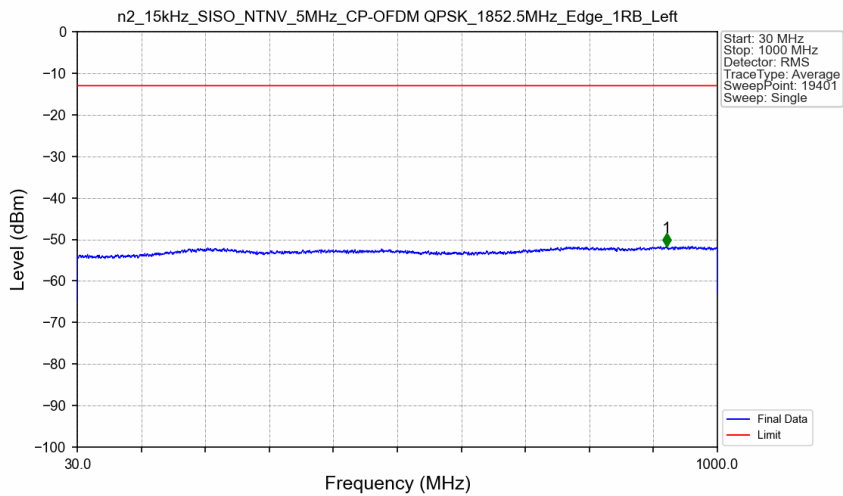
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1905	1910	0.04997	CHP	/	/	/	/	/
1910	1911	0.04997	CHP	1	1910.010	-35.46	-13	Pass
1911	1915	1	CHP	2	1913.010	-25.50	-13	Pass

n2_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_1852.5MHz_Edge_1RB_Left_Ant5



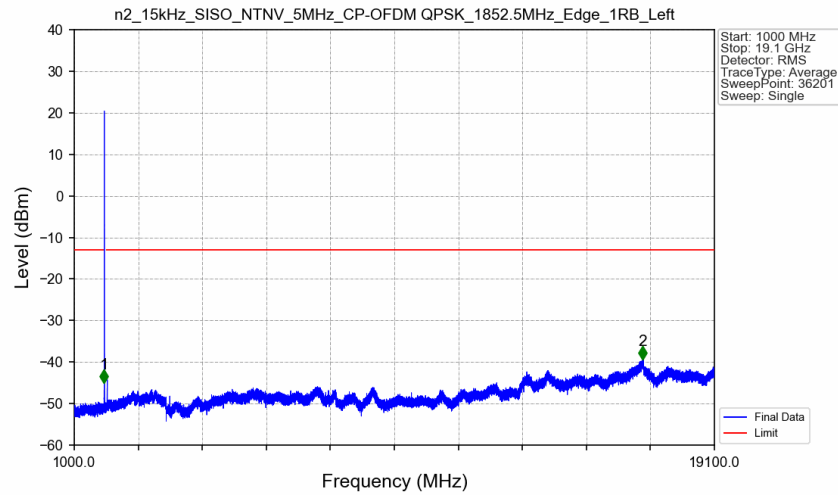
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1845	1849	1	CHP	1	1848.500	-41.02	-13	Pass
1849	1850	0.003	/	2	1849.995	-33.39	-13	Pass
1850	1855	0.003	/	/	/	/	/	/

n2_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_1852.5MHz_Edge_1RB_Left_Ant5



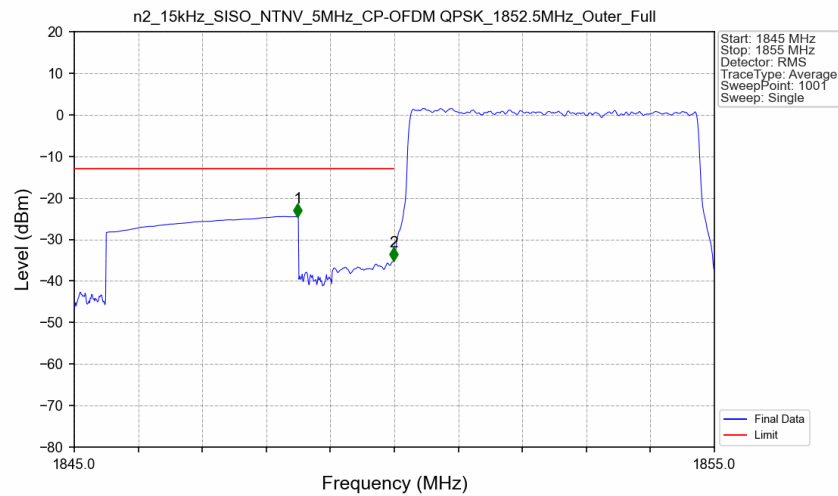
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	923.050	-51.62	-13	Pass

n2_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_1852.5MHz_Edge_1RB_Left_Ant5



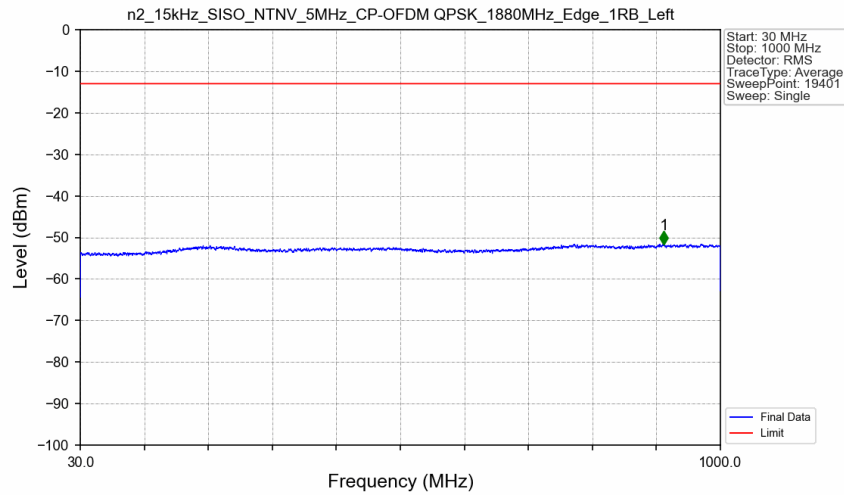
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1849	1	/	1	1844.500	-45.00	-13	Pass
1849	1915	1	/	/	/	/	/	/
1915	19100	1	/	2	17072.500	-39.38	-13	Pass

n2_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_1852.5MHz_Outer_Full_Ant5



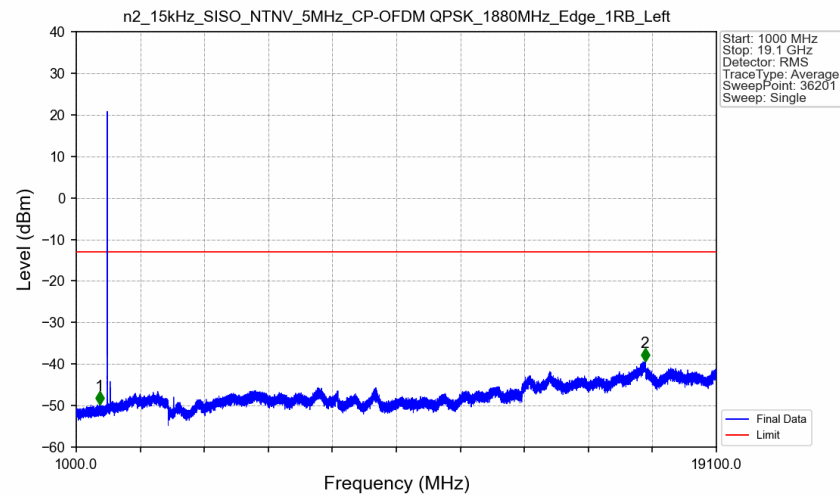
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1845	1849	1	CHP	1	1848.490	-24.49	-13	Pass
1849	1850	0.05004	CHP	2	1849.990	-35.12	-13	Pass
1850	1855	0.05004	CHP	/	/	/	/	/

n2_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_1880MHz_Edge_1RB_Left_Ant5



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	914.550	-51.58	-13	Pass

n2_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_1880MHz_Edge_1RB_Left_Ant5



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1849	1	/	1	1663.500	-49.71	-13	Pass
1849	1915	1	/	/	/	/	/	/
1915	19100	1	/	2	17079.000	-39.42	-13	Pass