

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 15k_SISO_5MHz_NTNV_EIRP

5G NR n2 SCS=15kHz SISO 5MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant3	Ant2	Sum	Ant3	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1852.5	Edge 1RB Left	22.43	/	/	20.48	/	/	<=33	Pass
		Edge 1RB Right	22.28	/	/	20.33	/	/	<=33	Pass
		Outer Full	23.02	/	/	21.07	/	/	<=33	Pass
		Inner Full	22.53	/	/	20.58	/	/	<=33	Pass
		Inner 1RB Left	22.72	/	/	20.77	/	/	<=33	Pass
		Inner 1RB Right	22.41	/	/	20.46	/	/	<=33	Pass
	1880	Edge 1RB Left	22.68	/	/	20.73	/	/	<=33	Pass
		Edge 1RB Right	22.52	/	/	20.57	/	/	<=33	Pass
		Outer Full	22.60	/	/	20.65	/	/	<=33	Pass
		Inner Full	22.51	/	/	20.56	/	/	<=33	Pass
		Inner 1RB Left	22.43	/	/	20.48	/	/	<=33	Pass
		Inner 1RB Right	22.44	/	/	20.49	/	/	<=33	Pass
	1907.5	Edge 1RB Left	22.54	/	/	20.59	/	/	<=33	Pass
		Edge 1RB Right	22.51	/	/	20.56	/	/	<=33	Pass
		Outer Full	22.70	/	/	20.75	/	/	<=33	Pass
		Inner Full	22.69	/	/	20.74	/	/	<=33	Pass
		Inner 1RB Left	22.57	/	/	20.62	/	/	<=33	Pass
		Inner 1RB Right	22.56	/	/	20.61	/	/	<=33	Pass
DFT-s-OFDM QPSK	1852.5	Edge 1RB Left	22.00	/	/	20.05	/	/	<=33	Pass
		Edge 1RB Right	22.06	/	/	20.11	/	/	<=33	Pass
		Outer Full	22.25	/	/	20.30	/	/	<=33	Pass
		Inner Full	22.55	/	/	20.60	/	/	<=33	Pass
		Inner 1RB Left	23.05	/	/	21.10	/	/	<=33	Pass
		Inner 1RB Right	22.44	/	/	20.49	/	/	<=33	Pass
	1880	Edge 1RB Left	21.95	/	/	20.00	/	/	<=33	Pass
		Edge 1RB Right	22.11	/	/	20.16	/	/	<=33	Pass
		Outer Full	22.09	/	/	20.14	/	/	<=33	Pass
		Inner Full	22.50	/	/	20.55	/	/	<=33	Pass
		Inner 1RB Left	22.60	/	/	20.65	/	/	<=33	Pass
		Inner 1RB Right	22.52	/	/	20.57	/	/	<=33	Pass
	1907.5	Edge 1RB Left	22.12	/	/	20.17	/	/	<=33	Pass
		Edge 1RB Right	22.09	/	/	20.14	/	/	<=33	Pass
		Outer Full	22.69	/	/	20.74	/	/	<=33	Pass
		Inner Full	22.93	/	/	20.98	/	/	<=33	Pass
		Inner 1RB Left	22.76	/	/	20.81	/	/	<=33	Pass
		Inner 1RB Right	22.91	/	/	20.96	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	1852.5	Edge 1RB Left	21.50	/	/	19.55	/	/	<=33	Pass
		Edge 1RB Right	20.90	/	/	18.95	/	/	<=33	Pass
		Outer Full	20.72	/	/	18.77	/	/	<=33	Pass
		Inner Full	21.77	/	/	19.82	/	/	<=33	Pass
		Inner 1RB Left	22.40	/	/	20.45	/	/	<=33	Pass
		Inner 1RB Right	22.30	/	/	20.35	/	/	<=33	Pass
	1880	Edge 1RB Left	20.88	/	/	18.93	/	/	<=33	Pass
		Edge 1RB Right	20.92	/	/	18.97	/	/	<=33	Pass
		Outer Full	20.80	/	/	18.85	/	/	<=33	Pass
		Inner Full	21.93	/	/	19.98	/	/	<=33	Pass
		Inner 1RB Left	22.22	/	/	20.27	/	/	<=33	Pass

	1907.5	Inner 1RB Right	22.27	/	/	20.32	/	/	<=33	Pass
		Edge 1RB Left	21.16	/	/	19.21	/	/	<=33	Pass
		Edge 1RB Right	21.46	/	/	19.51	/	/	<=33	Pass
		Outer Full	20.93	/	/	18.98	/	/	<=33	Pass
		Inner Full	22.70	/	/	20.75	/	/	<=33	Pass
		Inner 1RB Left	22.46	/	/	20.51	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	1852.5	Inner 1RB Right	22.41	/	/	20.46	/	/	<=33	Pass
		Edge 1RB Left	20.33	/	/	18.38	/	/	<=33	Pass
		Edge 1RB Right	21.26	/	/	19.31	/	/	<=33	Pass
		Outer Full	20.51	/	/	18.56	/	/	<=33	Pass
		Inner Full	21.04	/	/	19.09	/	/	<=33	Pass
		Inner 1RB Left	20.64	/	/	18.69	/	/	<=33	Pass
	1880	Inner 1RB Right	20.47	/	/	18.52	/	/	<=33	Pass
		Edge 1RB Left	20.62	/	/	18.67	/	/	<=33	Pass
		Edge 1RB Right	20.35	/	/	18.40	/	/	<=33	Pass
		Outer Full	20.04	/	/	18.09	/	/	<=33	Pass
		Inner Full	20.48	/	/	18.53	/	/	<=33	Pass
		Inner 1RB Left	20.39	/	/	18.44	/	/	<=33	Pass
	1907.5	Inner 1RB Right	20.58	/	/	18.63	/	/	<=33	Pass
		Edge 1RB Left	20.49	/	/	18.54	/	/	<=33	Pass
		Edge 1RB Right	20.35	/	/	18.40	/	/	<=33	Pass
		Outer Full	20.90	/	/	18.95	/	/	<=33	Pass
		Inner Full	20.27	/	/	18.32	/	/	<=33	Pass
		Inner 1RB Left	20.54	/	/	18.59	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	1852.5	Inner 1RB Right	20.48	/	/	18.53	/	/	<=33	Pass
		Edge 1RB Left	19.14	/	/	17.19	/	/	<=33	Pass
		Edge 1RB Right	19.03	/	/	17.08	/	/	<=33	Pass
		Outer Full	19.24	/	/	17.29	/	/	<=33	Pass
		Inner Full	19.19	/	/	17.24	/	/	<=33	Pass
		Inner 1RB Left	19.05	/	/	17.10	/	/	<=33	Pass
	1880	Inner 1RB Right	19.05	/	/	17.10	/	/	<=33	Pass
		Edge 1RB Left	18.98	/	/	17.03	/	/	<=33	Pass
		Edge 1RB Right	18.90	/	/	16.95	/	/	<=33	Pass
		Outer Full	19.15	/	/	17.20	/	/	<=33	Pass
		Inner Full	19.19	/	/	17.24	/	/	<=33	Pass
		Inner 1RB Left	19.03	/	/	17.08	/	/	<=33	Pass
	1907.5	Inner 1RB Right	18.96	/	/	17.01	/	/	<=33	Pass
		Edge 1RB Left	19.03	/	/	17.08	/	/	<=33	Pass
		Edge 1RB Right	18.91	/	/	16.96	/	/	<=33	Pass
		Outer Full	19.27	/	/	17.32	/	/	<=33	Pass
		Inner Full	19.24	/	/	17.29	/	/	<=33	Pass
		Inner 1RB Left	19.06	/	/	17.11	/	/	<=33	Pass
CP-OFDM QPSK	1852.5	Inner 1RB Right	18.97	/	/	17.02	/	/	<=33	Pass
		Edge 1RB Left	19.67	/	/	17.72	/	/	<=33	Pass
		Edge 1RB Right	19.88	/	/	17.93	/	/	<=33	Pass
		Outer Full	19.60	/	/	17.65	/	/	<=33	Pass
		Inner Full	21.68	/	/	19.73	/	/	<=33	Pass
		Inner 1RB Left	21.72	/	/	19.77	/	/	<=33	Pass
	1880	Inner 1RB Right	21.78	/	/	19.83	/	/	<=33	Pass
		Edge 1RB Left	20.35	/	/	18.40	/	/	<=33	Pass
		Edge 1RB Right	19.70	/	/	17.75	/	/	<=33	Pass
		Outer Full	19.73	/	/	17.78	/	/	<=33	Pass
		Inner Full	21.70	/	/	19.75	/	/	<=33	Pass
		Inner 1RB Left	21.77	/	/	19.82	/	/	<=33	Pass
	1907.5	Inner 1RB Right	21.77	/	/	19.82	/	/	<=33	Pass
		Edge 1RB Left	19.72	/	/	17.77	/	/	<=33	Pass
		Edge 1RB Right	19.77	/	/	17.82	/	/	<=33	Pass
		Outer Full	20.04	/	/	18.09	/	/	<=33	Pass
		Inner Full	21.75	/	/	19.80	/	/	<=33	Pass

1.1.2 15k_SISO_10MHz_NTNV_EIRP

5G NR n2 SCS=15kHz SISO 10MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant3	Ant2	Sum	Ant3	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1855	Edge 1RB Left	22.35	/	/	20.40	/	/	<=33	Pass
		Edge 1RB Right	22.37	/	/	20.42	/	/	<=33	Pass
		Outer Full	22.50	/	/	20.55	/	/	<=33	Pass
		Inner Full	22.70	/	/	20.75	/	/	<=33	Pass
		Inner 1RB Left	22.59	/	/	20.64	/	/	<=33	Pass
		Inner 1RB Right	22.40	/	/	20.45	/	/	<=33	Pass
	1880	Edge 1RB Left	22.31	/	/	20.36	/	/	<=33	Pass
		Edge 1RB Right	22.35	/	/	20.40	/	/	<=33	Pass
		Outer Full	22.56	/	/	20.61	/	/	<=33	Pass
		Inner Full	22.71	/	/	20.76	/	/	<=33	Pass
		Inner 1RB Left	22.48	/	/	20.53	/	/	<=33	Pass
		Inner 1RB Right	22.87	/	/	20.92	/	/	<=33	Pass
	1905	Edge 1RB Left	22.49	/	/	20.54	/	/	<=33	Pass
		Edge 1RB Right	22.56	/	/	20.61	/	/	<=33	Pass
		Outer Full	22.71	/	/	20.76	/	/	<=33	Pass
		Inner Full	22.74	/	/	20.79	/	/	<=33	Pass
		Inner 1RB Left	22.53	/	/	20.58	/	/	<=33	Pass
		Inner 1RB Right	22.60	/	/	20.65	/	/	<=33	Pass
DFT-s-OFDM QPSK	1855	Edge 1RB Left	22.03	/	/	20.08	/	/	<=33	Pass
		Edge 1RB Right	21.97	/	/	20.02	/	/	<=33	Pass
		Outer Full	22.56	/	/	20.61	/	/	<=33	Pass
		Inner Full	22.70	/	/	20.75	/	/	<=33	Pass
		Inner 1RB Left	22.94	/	/	20.99	/	/	<=33	Pass
		Inner 1RB Right	22.62	/	/	20.67	/	/	<=33	Pass
	1880	Edge 1RB Left	22.12	/	/	20.17	/	/	<=33	Pass
		Edge 1RB Right	21.95	/	/	20.00	/	/	<=33	Pass
		Outer Full	21.97	/	/	20.02	/	/	<=33	Pass
		Inner Full	22.57	/	/	20.62	/	/	<=33	Pass
		Inner 1RB Left	22.65	/	/	20.70	/	/	<=33	Pass
		Inner 1RB Right	22.57	/	/	20.62	/	/	<=33	Pass
	1905	Edge 1RB Left	22.27	/	/	20.32	/	/	<=33	Pass
		Edge 1RB Right	22.07	/	/	20.12	/	/	<=33	Pass
		Outer Full	22.17	/	/	20.22	/	/	<=33	Pass
		Inner Full	22.73	/	/	20.78	/	/	<=33	Pass
		Inner 1RB Left	22.84	/	/	20.89	/	/	<=33	Pass
		Inner 1RB Right	22.79	/	/	20.84	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	1855	Edge 1RB Left	21.01	/	/	19.06	/	/	<=33	Pass
		Edge 1RB Right	20.90	/	/	18.95	/	/	<=33	Pass
		Outer Full	21.03	/	/	19.08	/	/	<=33	Pass
		Inner Full	22.30	/	/	20.35	/	/	<=33	Pass
		Inner 1RB Left	22.27	/	/	20.32	/	/	<=33	Pass
		Inner 1RB Right	22.17	/	/	20.22	/	/	<=33	Pass
	1880	Edge 1RB Left	20.80	/	/	18.85	/	/	<=33	Pass
		Edge 1RB Right	20.93	/	/	18.98	/	/	<=33	Pass
		Outer Full	20.85	/	/	18.90	/	/	<=33	Pass
		Inner Full	22.05	/	/	20.10	/	/	<=33	Pass
		Inner 1RB Left	22.69	/	/	20.74	/	/	<=33	Pass
		Inner 1RB Right	22.07	/	/	20.12	/	/	<=33	Pass
	1905	Edge 1RB Left	21.37	/	/	19.42	/	/	<=33	Pass
		Edge 1RB Right	21.13	/	/	19.18	/	/	<=33	Pass
		Outer Full	21.01	/	/	19.06	/	/	<=33	Pass
		Inner Full	22.21	/	/	20.26	/	/	<=33	Pass
		Inner 1RB Left	22.60	/	/	20.65	/	/	<=33	Pass
		Inner 1RB Right	22.32	/	/	20.37	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	1855	Edge 1RB Left	20.88	/	/	18.93	/	/	<=33	Pass

		Edge 1RB Right	20.96	/	/	19.01	/	/	<=33	Pass
		Outer Full	21.04	/	/	19.09	/	/	<=33	Pass
		Inner Full	20.44	/	/	18.49	/	/	<=33	Pass
		Inner 1RB Left	21.15	/	/	19.20	/	/	<=33	Pass
	1880	Inner 1RB Right	20.98	/	/	19.03	/	/	<=33	Pass
		Edge 1RB Left	20.24	/	/	18.29	/	/	<=33	Pass
		Edge 1RB Right	20.29	/	/	18.34	/	/	<=33	Pass
		Outer Full	20.35	/	/	18.40	/	/	<=33	Pass
		Inner Full	20.38	/	/	18.43	/	/	<=33	Pass
		Inner 1RB Left	20.25	/	/	18.30	/	/	<=33	Pass
		Inner 1RB Right	20.31	/	/	18.36	/	/	<=33	Pass
	1905	Edge 1RB Left	20.50	/	/	18.55	/	/	<=33	Pass
		Edge 1RB Right	20.37	/	/	18.42	/	/	<=33	Pass
		Outer Full	20.51	/	/	18.56	/	/	<=33	Pass
		Inner Full	20.65	/	/	18.70	/	/	<=33	Pass
		Inner 1RB Left	21.35	/	/	19.40	/	/	<=33	Pass
		Inner 1RB Right	20.40	/	/	18.45	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	1855	Edge 1RB Left	19.03	/	/	17.08	/	/	<=33	Pass
		Edge 1RB Right	18.89	/	/	16.94	/	/	<=33	Pass
		Outer Full	19.19	/	/	17.24	/	/	<=33	Pass
		Inner Full	19.21	/	/	17.26	/	/	<=33	Pass
		Inner 1RB Left	19.11	/	/	17.16	/	/	<=33	Pass
		Inner 1RB Right	18.93	/	/	16.98	/	/	<=33	Pass
	1880	Edge 1RB Left	18.87	/	/	16.92	/	/	<=33	Pass
		Edge 1RB Right	18.92	/	/	16.97	/	/	<=33	Pass
		Outer Full	19.15	/	/	17.20	/	/	<=33	Pass
		Inner Full	19.11	/	/	17.16	/	/	<=33	Pass
		Inner 1RB Left	18.87	/	/	16.92	/	/	<=33	Pass
		Inner 1RB Right	18.92	/	/	16.97	/	/	<=33	Pass
	1905	Edge 1RB Left	19.07	/	/	17.12	/	/	<=33	Pass
		Edge 1RB Right	18.97	/	/	17.02	/	/	<=33	Pass
		Outer Full	19.24	/	/	17.29	/	/	<=33	Pass
		Inner Full	19.44	/	/	17.49	/	/	<=33	Pass
		Inner 1RB Left	19.06	/	/	17.11	/	/	<=33	Pass
		Inner 1RB Right	18.95	/	/	17.00	/	/	<=33	Pass
CP-OFDM QPSK	1855	Edge 1RB Left	19.71	/	/	17.76	/	/	<=33	Pass
		Edge 1RB Right	19.59	/	/	17.64	/	/	<=33	Pass
		Outer Full	19.96	/	/	18.01	/	/	<=33	Pass
		Inner Full	21.60	/	/	19.65	/	/	<=33	Pass
		Inner 1RB Left	21.64	/	/	19.69	/	/	<=33	Pass
		Inner 1RB Right	21.65	/	/	19.70	/	/	<=33	Pass
	1880	Edge 1RB Left	19.66	/	/	17.71	/	/	<=33	Pass
		Edge 1RB Right	19.75	/	/	17.80	/	/	<=33	Pass
		Outer Full	19.82	/	/	17.87	/	/	<=33	Pass
		Inner Full	21.64	/	/	19.69	/	/	<=33	Pass
		Inner 1RB Left	21.61	/	/	19.66	/	/	<=33	Pass
		Inner 1RB Right	21.54	/	/	19.59	/	/	<=33	Pass
	1905	Edge 1RB Left	19.80	/	/	17.85	/	/	<=33	Pass
		Edge 1RB Right	20.48	/	/	18.53	/	/	<=33	Pass
		Outer Full	19.97	/	/	18.02	/	/	<=33	Pass
		Inner Full	21.50	/	/	19.55	/	/	<=33	Pass
		Inner 1RB Left	21.80	/	/	19.85	/	/	<=33	Pass
		Inner 1RB Right	21.74	/	/	19.79	/	/	<=33	Pass
CP-OFDM 16 QAM	1855	Edge 1RB Left	19.76	/	/	17.81	/	/	<=33	Pass
		Edge 1RB Right	19.64	/	/	17.69	/	/	<=33	Pass
		Outer Full	19.75	/	/	17.80	/	/	<=33	Pass
		Inner Full	20.88	/	/	18.93	/	/	<=33	Pass
		Inner 1RB Left	21.09	/	/	19.14	/	/	<=33	Pass
		Inner 1RB Right	21.09	/	/	19.14	/	/	<=33	Pass

	1880	Edge 1RB Left	19.60	/	/	17.65	/	/	<=33	Pass
		Edge 1RB Right	19.73	/	/	17.78	/	/	<=33	Pass
		Outer Full	19.67	/	/	17.72	/	/	<=33	Pass
		Inner Full	20.88	/	/	18.93	/	/	<=33	Pass
		Inner 1RB Left	21.38	/	/	19.43	/	/	<=33	Pass
		Inner 1RB Right	20.90	/	/	18.95	/	/	<=33	Pass
	1905	Edge 1RB Left	19.89	/	/	17.94	/	/	<=33	Pass
		Edge 1RB Right	20.28	/	/	18.33	/	/	<=33	Pass
		Outer Full	20.02	/	/	18.07	/	/	<=33	Pass
		Inner Full	20.97	/	/	19.02	/	/	<=33	Pass
		Inner 1RB Left	21.28	/	/	19.33	/	/	<=33	Pass
		Inner 1RB Right	21.05	/	/	19.10	/	/	<=33	Pass
CP-OFDM 64 QAM	1855	Edge 1RB Left	19.13	/	/	17.18	/	/	<=33	Pass
		Edge 1RB Right	19.22	/	/	17.27	/	/	<=33	Pass
		Outer Full	19.06	/	/	17.11	/	/	<=33	Pass
		Inner Full	19.22	/	/	17.27	/	/	<=33	Pass
		Inner 1RB Left	19.16	/	/	17.21	/	/	<=33	Pass
		Inner 1RB Right	19.22	/	/	17.27	/	/	<=33	Pass
	1880	Edge 1RB Left	18.96	/	/	17.01	/	/	<=33	Pass
		Edge 1RB Right	19.03	/	/	17.08	/	/	<=33	Pass
		Outer Full	19.01	/	/	17.06	/	/	<=33	Pass
		Inner Full	19.36	/	/	17.41	/	/	<=33	Pass
		Inner 1RB Left	18.92	/	/	16.97	/	/	<=33	Pass
		Inner 1RB Right	19.53	/	/	17.58	/	/	<=33	Pass
	1905	Edge 1RB Left	19.23	/	/	17.28	/	/	<=33	Pass
		Edge 1RB Right	19.15	/	/	17.20	/	/	<=33	Pass
		Outer Full	19.08	/	/	17.13	/	/	<=33	Pass
		Inner Full	20.04	/	/	18.09	/	/	<=33	Pass
		Inner 1RB Left	19.24	/	/	17.29	/	/	<=33	Pass
		Inner 1RB Right	19.37	/	/	17.42	/	/	<=33	Pass
CP-OFDM 256 QAM	1855	Edge 1RB Left	16.91	/	/	14.96	/	/	<=33	Pass
		Edge 1RB Right	16.69	/	/	14.74	/	/	<=33	Pass
		Outer Full	17.55	/	/	15.60	/	/	<=33	Pass
		Inner Full	17.18	/	/	15.23	/	/	<=33	Pass
		Inner 1RB Left	16.83	/	/	14.88	/	/	<=33	Pass
		Inner 1RB Right	16.87	/	/	14.92	/	/	<=33	Pass
	1880	Edge 1RB Left	16.80	/	/	14.85	/	/	<=33	Pass
		Edge 1RB Right	16.79	/	/	14.84	/	/	<=33	Pass
		Outer Full	17.11	/	/	15.16	/	/	<=33	Pass
		Inner Full	16.96	/	/	15.01	/	/	<=33	Pass
		Inner 1RB Left	17.02	/	/	15.07	/	/	<=33	Pass
		Inner 1RB Right	16.95	/	/	15.00	/	/	<=33	Pass
	1905	Edge 1RB Left	16.92	/	/	14.97	/	/	<=33	Pass
		Edge 1RB Right	16.91	/	/	14.96	/	/	<=33	Pass
		Outer Full	17.21	/	/	15.26	/	/	<=33	Pass
		Inner Full	17.10	/	/	15.15	/	/	<=33	Pass
		Inner 1RB Left	16.83	/	/	14.88	/	/	<=33	Pass
		Inner 1RB Right	16.84	/	/	14.89	/	/	<=33	Pass
Note1: Antenna Gain: Ant3: -1.95dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.3 15k_SISO_15MHz_NTNV_EIRP

5G NR n2 SCS=15kHz SISO 15MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant3	Ant2	Sum	Ant3	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1857.5	Edge 1RB Left	22.50	/	/	20.55	/	/	<=33	Pass
		Edge 1RB Right	22.82	/	/	20.87	/	/	<=33	Pass

		Outer Full	22.96	/	/	21.01	/	/	<=33	Pass
		Inner Full	22.58	/	/	20.63	/	/	<=33	Pass
		Inner 1RB Left	22.77	/	/	20.82	/	/	<=33	Pass
		Inner 1RB Right	22.89	/	/	20.94	/	/	<=33	Pass
	1880	Edge 1RB Left	22.80	/	/	20.85	/	/	<=33	Pass
		Edge 1RB Right	22.54	/	/	20.59	/	/	<=33	Pass
		Outer Full	22.57	/	/	20.62	/	/	<=33	Pass
		Inner Full	22.69	/	/	20.74	/	/	<=33	Pass
	1902.5	Inner 1RB Left	22.41	/	/	20.46	/	/	<=33	Pass
		Inner 1RB Right	22.54	/	/	20.59	/	/	<=33	Pass
		Edge 1RB Left	22.51	/	/	20.56	/	/	<=33	Pass
		Edge 1RB Right	22.51	/	/	20.56	/	/	<=33	Pass
		Outer Full	22.65	/	/	20.70	/	/	<=33	Pass
		Inner Full	23.19	/	/	21.24	/	/	<=33	Pass
		Inner 1RB Left	22.67	/	/	20.72	/	/	<=33	Pass
		Inner 1RB Right	22.75	/	/	20.80	/	/	<=33	Pass
DFT-s-OFDM QPSK	1857.5	Edge 1RB Left	22.14	/	/	20.19	/	/	<=33	Pass
		Edge 1RB Right	21.97	/	/	20.02	/	/	<=33	Pass
		Outer Full	22.09	/	/	20.14	/	/	<=33	Pass
		Inner Full	22.76	/	/	20.81	/	/	<=33	Pass
	1880	Inner 1RB Left	22.93	/	/	20.98	/	/	<=33	Pass
		Inner 1RB Right	22.60	/	/	20.65	/	/	<=33	Pass
		Edge 1RB Left	21.98	/	/	20.03	/	/	<=33	Pass
		Edge 1RB Right	22.13	/	/	20.18	/	/	<=33	Pass
	1902.5	Outer Full	22.01	/	/	20.06	/	/	<=33	Pass
		Inner Full	23.03	/	/	21.08	/	/	<=33	Pass
		Inner 1RB Left	22.60	/	/	20.65	/	/	<=33	Pass
		Inner 1RB Right	22.77	/	/	20.82	/	/	<=33	Pass
		Edge 1RB Left	22.22	/	/	20.27	/	/	<=33	Pass
		Edge 1RB Right	22.09	/	/	20.14	/	/	<=33	Pass
		Outer Full	22.07	/	/	20.12	/	/	<=33	Pass
		Inner Full	22.58	/	/	20.63	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	1857.5	Inner 1RB Left	22.94	/	/	20.99	/	/	<=33	Pass
		Inner 1RB Right	23.03	/	/	21.08	/	/	<=33	Pass
		Edge 1RB Left	21.52	/	/	19.57	/	/	<=33	Pass
		Edge 1RB Right	20.86	/	/	18.91	/	/	<=33	Pass
	1880	Outer Full	20.95	/	/	19.00	/	/	<=33	Pass
		Inner Full	22.09	/	/	20.14	/	/	<=33	Pass
		Inner 1RB Left	22.28	/	/	20.33	/	/	<=33	Pass
		Inner 1RB Right	22.19	/	/	20.24	/	/	<=33	Pass
	1902.5	Edge 1RB Left	21.00	/	/	19.05	/	/	<=33	Pass
		Edge 1RB Right	21.13	/	/	19.18	/	/	<=33	Pass
		Outer Full	21.20	/	/	19.25	/	/	<=33	Pass
		Inner Full	22.20	/	/	20.25	/	/	<=33	Pass
		Inner 1RB Left	22.14	/	/	20.19	/	/	<=33	Pass
		Inner 1RB Right	22.23	/	/	20.28	/	/	<=33	Pass
		Edge 1RB Left	21.00	/	/	19.05	/	/	<=33	Pass
		Edge 1RB Right	21.45	/	/	19.50	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	1857.5	Outer Full	20.95	/	/	19.00	/	/	<=33	Pass
		Inner Full	22.86	/	/	20.91	/	/	<=33	Pass
		Inner 1RB Left	22.31	/	/	20.36	/	/	<=33	Pass
		Inner 1RB Right	22.36	/	/	20.41	/	/	<=33	Pass
	1880	Edge 1RB Left	20.39	/	/	18.44	/	/	<=33	Pass
		Edge 1RB Right	20.25	/	/	18.30	/	/	<=33	Pass
		Outer Full	20.23	/	/	18.28	/	/	<=33	Pass
		Inner Full	20.35	/	/	18.40	/	/	<=33	Pass
		Inner 1RB Left	20.52	/	/	18.57	/	/	<=33	Pass
		Inner 1RB Right	20.20	/	/	18.25	/	/	<=33	Pass
	1880	Edge 1RB Left	20.53	/	/	18.58	/	/	<=33	Pass

	1902.5	Edge 1RB Left	19.84	/	/	17.89	/	/	<=33	Pass
		Edge 1RB Right	20.56	/	/	18.61	/	/	<=33	Pass
		Outer_Full	19.75	/	/	17.80	/	/	<=33	Pass
		Inner_Full	21.11	/	/	19.16	/	/	<=33	Pass
		Inner_1RB Left	21.14	/	/	19.19	/	/	<=33	Pass
		Inner_1RB Right	21.15	/	/	19.20	/	/	<=33	Pass
CP-OFDM 64 QAM	1857.5	Edge 1RB Left	19.45	/	/	17.50	/	/	<=33	Pass
		Edge 1RB Right	19.36	/	/	17.41	/	/	<=33	Pass
		Outer_Full	19.09	/	/	17.14	/	/	<=33	Pass
		Inner_Full	19.10	/	/	17.15	/	/	<=33	Pass
		Inner_1RB Left	19.80	/	/	17.85	/	/	<=33	Pass
		Inner_1RB Right	19.10	/	/	17.15	/	/	<=33	Pass
	1880	Edge 1RB Left	19.16	/	/	17.21	/	/	<=33	Pass
		Edge 1RB Right	19.13	/	/	17.18	/	/	<=33	Pass
		Outer_Full	19.02	/	/	17.07	/	/	<=33	Pass
		Inner_Full	19.17	/	/	17.22	/	/	<=33	Pass
		Inner_1RB Left	19.04	/	/	17.09	/	/	<=33	Pass
		Inner_1RB Right	19.21	/	/	17.26	/	/	<=33	Pass
	1902.5	Edge 1RB Left	19.16	/	/	17.21	/	/	<=33	Pass
		Edge 1RB Right	18.95	/	/	17.00	/	/	<=33	Pass
		Outer_Full	19.76	/	/	17.81	/	/	<=33	Pass
		Inner_Full	19.76	/	/	17.81	/	/	<=33	Pass
		Inner_1RB Left	19.28	/	/	17.33	/	/	<=33	Pass
		Inner_1RB Right	18.99	/	/	17.04	/	/	<=33	Pass
CP-OFDM 256 QAM	1857.5	Edge 1RB Left	16.96	/	/	15.01	/	/	<=33	Pass
		Edge 1RB Right	16.78	/	/	14.83	/	/	<=33	Pass
		Outer_Full	17.16	/	/	15.21	/	/	<=33	Pass
		Inner_Full	17.17	/	/	15.22	/	/	<=33	Pass
		Inner 1RB Left	17.00	/	/	15.05	/	/	<=33	Pass
		Inner 1RB Right	16.80	/	/	14.85	/	/	<=33	Pass
	1880	Edge 1RB Left	16.79	/	/	14.84	/	/	<=33	Pass
		Edge 1RB Right	16.82	/	/	14.87	/	/	<=33	Pass
		Outer_Full	17.16	/	/	15.21	/	/	<=33	Pass
		Inner_Full	17.05	/	/	15.10	/	/	<=33	Pass
		Inner 1RB Left	17.08	/	/	15.13	/	/	<=33	Pass
		Inner 1RB Right	16.84	/	/	14.89	/	/	<=33	Pass
	1902.5	Edge 1RB Left	16.88	/	/	14.93	/	/	<=33	Pass
		Edge 1RB Right	16.89	/	/	14.94	/	/	<=33	Pass
		Outer_Full	17.24	/	/	15.29	/	/	<=33	Pass
		Inner_Full	17.34	/	/	15.39	/	/	<=33	Pass
		Inner 1RB Left	16.92	/	/	14.97	/	/	<=33	Pass
		Inner 1RB Right	17.07	/	/	15.12	/	/	<=33	Pass
Note1: Antenna Gain: Ant3: -1.95dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.4 15k_SISO_20MHz_NTNV_EIRP

5G NR n2 SCS=15kHz SISO 20MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant3	Ant2	Sum	Ant3	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1860	Edge 1RB Left	22.66	/	/	20.71	/	/	<=33	Pass
		Edge 1RB Right	22.37	/	/	20.42	/	/	<=33	Pass
		Outer Full	22.51	/	/	20.56	/	/	<=33	Pass
		Inner Full	22.63	/	/	20.68	/	/	<=33	Pass
		Inner 1RB Left	22.60	/	/	20.65	/	/	<=33	Pass
		Inner 1RB Right	22.48	/	/	20.53	/	/	<=33	Pass
	1880	Edge 1RB Left	22.72	/	/	20.77	/	/	<=33	Pass
		Edge 1RB Right	22.46	/	/	20.51	/	/	<=33	Pass

		Outer Full	22.66	/	/	20.71	/	/	<=33	Pass
		Inner Full	22.67	/	/	20.72	/	/	<=33	Pass
		Inner 1RB Left	22.53	/	/	20.58	/	/	<=33	Pass
		Inner 1RB Right	22.59	/	/	20.64	/	/	<=33	Pass
	1900	Edge 1RB Left	22.82	/	/	20.87	/	/	<=33	Pass
		Edge 1RB Right	22.51	/	/	20.56	/	/	<=33	Pass
		Outer Full	22.68	/	/	20.73	/	/	<=33	Pass
		Inner Full	22.57	/	/	20.62	/	/	<=33	Pass
		Inner 1RB Left	22.56	/	/	20.61	/	/	<=33	Pass
		Inner 1RB Right	22.64	/	/	20.69	/	/	<=33	Pass
DFT-s-OFDM QPSK	1860	Edge 1RB Left	22.03	/	/	20.08	/	/	<=33	Pass
		Edge 1RB Right	22.54	/	/	20.59	/	/	<=33	Pass
		Outer Full	22.35	/	/	20.40	/	/	<=33	Pass
		Inner Full	22.63	/	/	20.68	/	/	<=33	Pass
		Inner 1RB Left	22.58	/	/	20.63	/	/	<=33	Pass
		Inner 1RB Right	22.54	/	/	20.59	/	/	<=33	Pass
	1880	Edge 1RB Left	21.87	/	/	19.92	/	/	<=33	Pass
		Edge 1RB Right	22.03	/	/	20.08	/	/	<=33	Pass
		Outer Full	22.08	/	/	20.13	/	/	<=33	Pass
		Inner Full	22.61	/	/	20.66	/	/	<=33	Pass
		Inner 1RB Left	22.60	/	/	20.65	/	/	<=33	Pass
		Inner 1RB Right	22.80	/	/	20.85	/	/	<=33	Pass
	1900	Edge 1RB Left	22.13	/	/	20.18	/	/	<=33	Pass
		Edge 1RB Right	22.26	/	/	20.31	/	/	<=33	Pass
		Outer Full	22.22	/	/	20.27	/	/	<=33	Pass
		Inner Full	22.57	/	/	20.62	/	/	<=33	Pass
		Inner 1RB Left	22.69	/	/	20.74	/	/	<=33	Pass
		Inner 1RB Right	22.85	/	/	20.90	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	1860	Edge 1RB Left	20.87	/	/	18.92	/	/	<=33	Pass
		Edge 1RB Right	20.79	/	/	18.84	/	/	<=33	Pass
		Outer Full	20.96	/	/	19.01	/	/	<=33	Pass
		Inner Full	22.08	/	/	20.13	/	/	<=33	Pass
		Inner 1RB Left	22.19	/	/	20.24	/	/	<=33	Pass
		Inner 1RB Right	22.50	/	/	20.55	/	/	<=33	Pass
	1880	Edge 1RB Left	21.28	/	/	19.33	/	/	<=33	Pass
		Edge 1RB Right	21.12	/	/	19.17	/	/	<=33	Pass
		Outer Full	21.23	/	/	19.28	/	/	<=33	Pass
		Inner Full	22.18	/	/	20.23	/	/	<=33	Pass
		Inner 1RB Left	22.27	/	/	20.32	/	/	<=33	Pass
		Inner 1RB Right	22.39	/	/	20.44	/	/	<=33	Pass
	1900	Edge 1RB Left	22.24	/	/	20.29	/	/	<=33	Pass
		Edge 1RB Right	21.51	/	/	19.56	/	/	<=33	Pass
		Outer Full	21.05	/	/	19.10	/	/	<=33	Pass
		Inner Full	22.15	/	/	20.20	/	/	<=33	Pass
		Inner 1RB Left	22.22	/	/	20.27	/	/	<=33	Pass
		Inner 1RB Right	22.19	/	/	20.24	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	1860	Edge 1RB Left	20.33	/	/	18.38	/	/	<=33	Pass
		Edge 1RB Right	20.27	/	/	18.32	/	/	<=33	Pass
		Outer Full	20.31	/	/	18.36	/	/	<=33	Pass
		Inner Full	20.39	/	/	18.44	/	/	<=33	Pass
		Inner 1RB Left	20.63	/	/	18.68	/	/	<=33	Pass
		Inner 1RB Right	20.30	/	/	18.35	/	/	<=33	Pass
	1880	Edge 1RB Left	20.28	/	/	18.33	/	/	<=33	Pass
		Edge 1RB Right	20.33	/	/	18.38	/	/	<=33	Pass
		Outer Full	20.31	/	/	18.36	/	/	<=33	Pass
		Inner Full	20.32	/	/	18.37	/	/	<=33	Pass
		Inner 1RB Left	20.31	/	/	18.36	/	/	<=33	Pass
		Inner 1RB Right	20.39	/	/	18.44	/	/	<=33	Pass
	1900	Edge 1RB Left	20.63	/	/	18.68	/	/	<=33	Pass

		Edge 1RB Right	20.35	/	/	18.40	/	/	<=33	Pass
		Outer Full	20.32	/	/	18.37	/	/	<=33	Pass
		Inner Full	20.35	/	/	18.40	/	/	<=33	Pass
		Inner 1RB Left	20.43	/	/	18.48	/	/	<=33	Pass
		Inner 1RB Right	20.64	/	/	18.69	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	1860	Edge 1RB Left	19.02	/	/	17.07	/	/	<=33	Pass
		Edge 1RB Right	18.89	/	/	16.94	/	/	<=33	Pass
		Outer Full	19.26	/	/	17.31	/	/	<=33	Pass
		Inner Full	19.15	/	/	17.20	/	/	<=33	Pass
		Inner 1RB Left	19.05	/	/	17.10	/	/	<=33	Pass
		Inner 1RB Right	18.80	/	/	16.85	/	/	<=33	Pass
	1880	Edge 1RB Left	18.79	/	/	16.84	/	/	<=33	Pass
		Edge 1RB Right	18.84	/	/	16.89	/	/	<=33	Pass
		Outer Full	19.25	/	/	17.30	/	/	<=33	Pass
		Inner Full	19.25	/	/	17.30	/	/	<=33	Pass
		Inner 1RB Left	18.78	/	/	16.83	/	/	<=33	Pass
		Inner 1RB Right	18.88	/	/	16.93	/	/	<=33	Pass
	1900	Edge 1RB Left	18.93	/	/	16.98	/	/	<=33	Pass
		Edge 1RB Right	18.91	/	/	16.96	/	/	<=33	Pass
		Outer Full	19.31	/	/	17.36	/	/	<=33	Pass
		Inner Full	19.20	/	/	17.25	/	/	<=33	Pass
		Inner 1RB Left	18.96	/	/	17.01	/	/	<=33	Pass
		Inner 1RB Right	18.96	/	/	17.01	/	/	<=33	Pass
CP-OFDM QPSK	1860	Edge 1RB Left	19.67	/	/	17.72	/	/	<=33	Pass
		Edge 1RB Right	19.96	/	/	18.01	/	/	<=33	Pass
		Outer Full	19.73	/	/	17.78	/	/	<=33	Pass
		Inner Full	21.65	/	/	19.70	/	/	<=33	Pass
		Inner 1RB Left	21.73	/	/	19.78	/	/	<=33	Pass
		Inner 1RB Right	21.67	/	/	19.72	/	/	<=33	Pass
	1880	Edge 1RB Left	19.55	/	/	17.60	/	/	<=33	Pass
		Edge 1RB Right	19.71	/	/	17.76	/	/	<=33	Pass
		Outer Full	19.59	/	/	17.64	/	/	<=33	Pass
		Inner Full	21.46	/	/	19.51	/	/	<=33	Pass
		Inner 1RB Left	21.47	/	/	19.52	/	/	<=33	Pass
		Inner 1RB Right	21.54	/	/	19.59	/	/	<=33	Pass
	1900	Edge 1RB Left	19.50	/	/	17.55	/	/	<=33	Pass
		Edge 1RB Right	19.80	/	/	17.85	/	/	<=33	Pass
		Outer Full	20.15	/	/	18.20	/	/	<=33	Pass
		Inner Full	21.69	/	/	19.74	/	/	<=33	Pass
		Inner 1RB Left	21.64	/	/	19.69	/	/	<=33	Pass
		Inner 1RB Right	21.58	/	/	19.63	/	/	<=33	Pass
CP-OFDM 16 QAM	1860	Edge 1RB Left	19.81	/	/	17.86	/	/	<=33	Pass
		Edge 1RB Right	19.75	/	/	17.80	/	/	<=33	Pass
		Outer Full	19.66	/	/	17.71	/	/	<=33	Pass
		Inner Full	21.05	/	/	19.10	/	/	<=33	Pass
		Inner 1RB Left	21.17	/	/	19.22	/	/	<=33	Pass
		Inner 1RB Right	21.05	/	/	19.10	/	/	<=33	Pass
	1880	Edge 1RB Left	19.76	/	/	17.81	/	/	<=33	Pass
		Edge 1RB Right	19.79	/	/	17.84	/	/	<=33	Pass
		Outer Full	19.63	/	/	17.68	/	/	<=33	Pass
		Inner Full	21.64	/	/	19.69	/	/	<=33	Pass
		Inner 1RB Left	21.26	/	/	19.31	/	/	<=33	Pass
		Inner 1RB Right	21.10	/	/	19.15	/	/	<=33	Pass
	1900	Edge 1RB Left	19.88	/	/	17.93	/	/	<=33	Pass
		Edge 1RB Right	19.82	/	/	17.87	/	/	<=33	Pass
		Outer Full	19.62	/	/	17.67	/	/	<=33	Pass
		Inner Full	21.04	/	/	19.09	/	/	<=33	Pass
		Inner 1RB Left	21.53	/	/	19.58	/	/	<=33	Pass
		Inner 1RB Right	21.56	/	/	19.61	/	/	<=33	Pass

2. Frequency Stability

2.1 Test Result

2.1.1 15k_SISO_20MHz

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	-5.90	-0.0031	>=-2.5 & <=2.5	Pass
				HV	-7.30	-0.0039	>=-2.5 & <=2.5	Pass
			-30	NV	-12.00	-0.0064	>=-2.5 & <=2.5	Pass
			-20	NV	-14.50	-0.0077	>=-2.5 & <=2.5	Pass
			-10	NV	-3.40	-0.0018	>=-2.5 & <=2.5	Pass
			0	NV	-16.10	-0.0086	>=-2.5 & <=2.5	Pass
			10	NV	-9.40	-0.0050	>=-2.5 & <=2.5	Pass
			20	NV	-13.80	-0.0073	>=-2.5 & <=2.5	Pass
			30	NV	-13.10	-0.0070	>=-2.5 & <=2.5	Pass
			40	NV	-10.70	-0.0057	>=-2.5 & <=2.5	Pass
			50	NV	-12.80	-0.0068	>=-2.5 & <=2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 15k_SISO_5MHz_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	4.54	5.26	/	Pass
DFT-s-OFDM QPSK	1880	Outer_Full	4.55	5.35	/	Pass
DFT-s-OFDM 16 QAM	1880	Outer_Full	4.57	5.36	/	Pass
DFT-s-OFDM 64 QAM	1880	Outer_Full	4.56	5.34	/	Pass
DFT-s-OFDM 256 QAM	1880	Outer_Full	4.59	5.39	/	Pass
CP-OFDM QPSK	1880	Outer_Full	4.54	5.36	/	Pass
CP-OFDM 16 QAM	1880	Outer_Full	4.61	5.53	/	Pass
CP-OFDM 64 QAM	1880	Outer_Full	4.51	5.22	/	Pass
CP-OFDM 256 QAM	1880	Outer_Full	4.56	5.36	/	Pass

3.1.2 15k_SISO_10MHz_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	9.03	9.96	/	Pass
DFT-s-OFDM QPSK	1880	Outer_Full	9.06	10.10	/	Pass
DFT-s-OFDM 16 QAM	1880	Outer_Full	9.05	9.96	/	Pass
DFT-s-OFDM 64 QAM	1880	Outer_Full	9.06	9.99	/	Pass
DFT-s-OFDM 256 QAM	1880	Outer_Full	9.04	9.97	/	Pass
CP-OFDM QPSK	1880	Outer_Full	9.36	10.35	/	Pass

CP-OFDM 16 QAM	1880	Outer_Full	9.43	10.36	/	Pass
CP-OFDM 64 QAM	1880	Outer_Full	9.33	10.35	/	Pass
CP-OFDM 256 QAM	1880	Outer_Full	9.36	10.38	/	Pass

3.1.3 15k_SISO_15MHz_NTNV

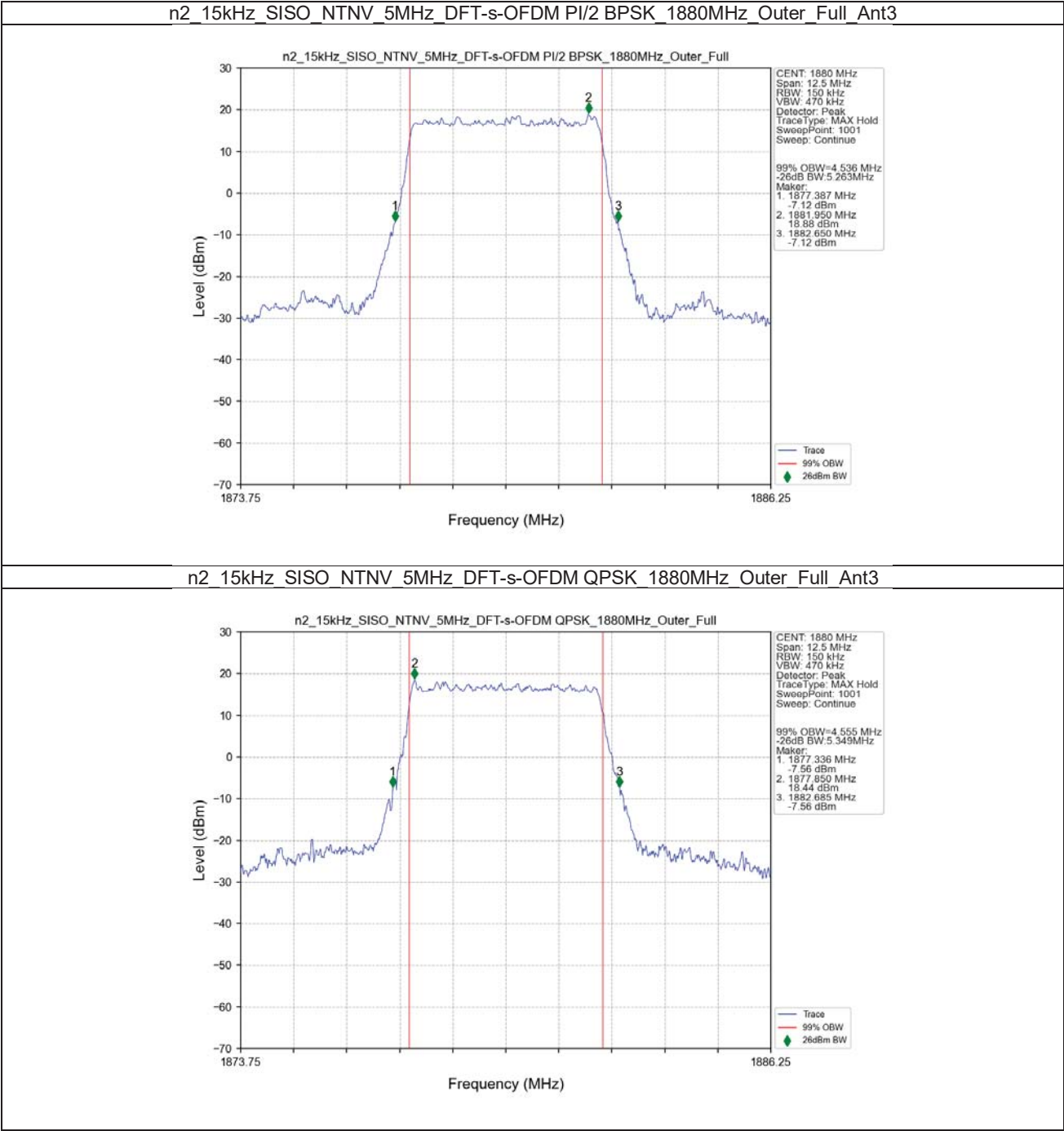
5G NR n2 SCS=15kHz SISO 15MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	1880	Outer_Full	13.57	14.84	/	Pass
DFT-s-OFDM QPSK	1880	Outer_Full	13.67	14.88	/	Pass
DFT-s-OFDM 16 QAM	1880	Outer_Full	13.63	14.79	/	Pass
DFT-s-OFDM 64 QAM	1880	Outer_Full	13.55	14.72	/	Pass
DFT-s-OFDM 256 QAM	1880	Outer_Full	13.63	14.79	/	Pass
CP-OFDM QPSK	1880	Outer_Full	14.30	15.55	/	Pass
CP-OFDM 16 QAM	1880	Outer_Full	14.28	15.45	/	Pass
CP-OFDM 64 QAM	1880	Outer_Full	14.26	15.91	/	Pass
CP-OFDM 256 QAM	1880	Outer_Full	14.25	15.53	/	Pass

3.1.4 15k_SISO_20MHz_NTNV

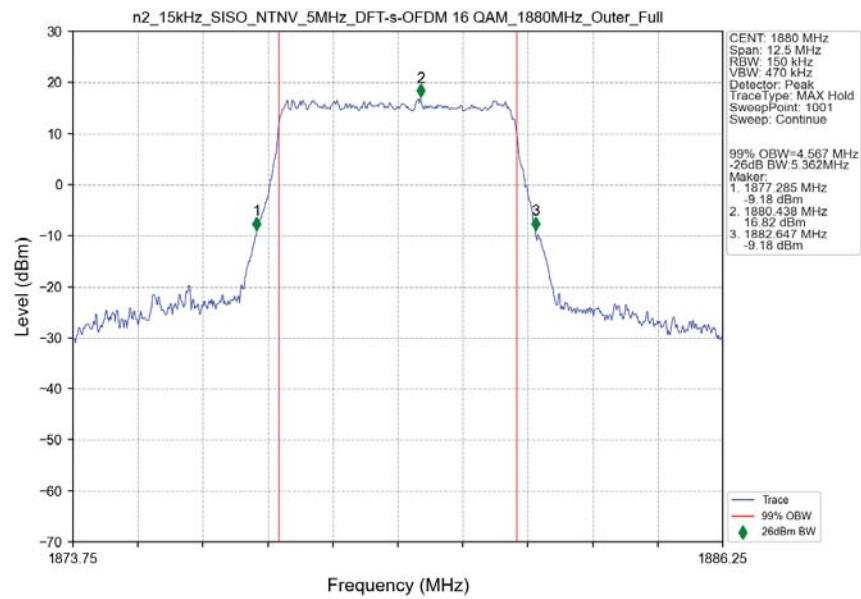
5G NR n2 SCS=15kHz SISO 20MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	1880	Outer_Full	18.12	19.51	/	Pass
DFT-s-OFDM QPSK	1880	Outer_Full	18.07	19.67	/	Pass
DFT-s-OFDM 16 QAM	1880	Outer_Full	18.10	19.64	/	Pass
DFT-s-OFDM 64 QAM	1880	Outer_Full	18.16	19.54	/	Pass
DFT-s-OFDM 256 QAM	1880	Outer_Full	18.06	19.66	/	Pass
CP-OFDM QPSK	1880	Outer_Full	19.09	20.71	/	Pass
CP-OFDM 16 QAM	1880	Outer_Full	19.19	20.62	/	Pass
CP-OFDM 64 QAM	1880	Outer_Full	19.12	20.90	/	Pass
CP-OFDM 256 QAM	1880	Outer_Full	19.13	20.70	/	Pass

3.2 Test Graph

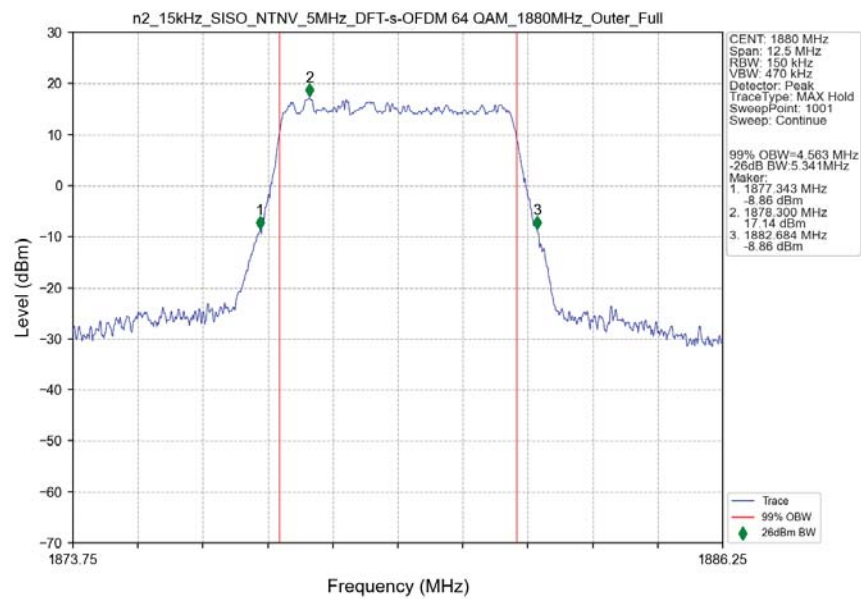
3.2.1 15k_SISO_5MHz_NTNV



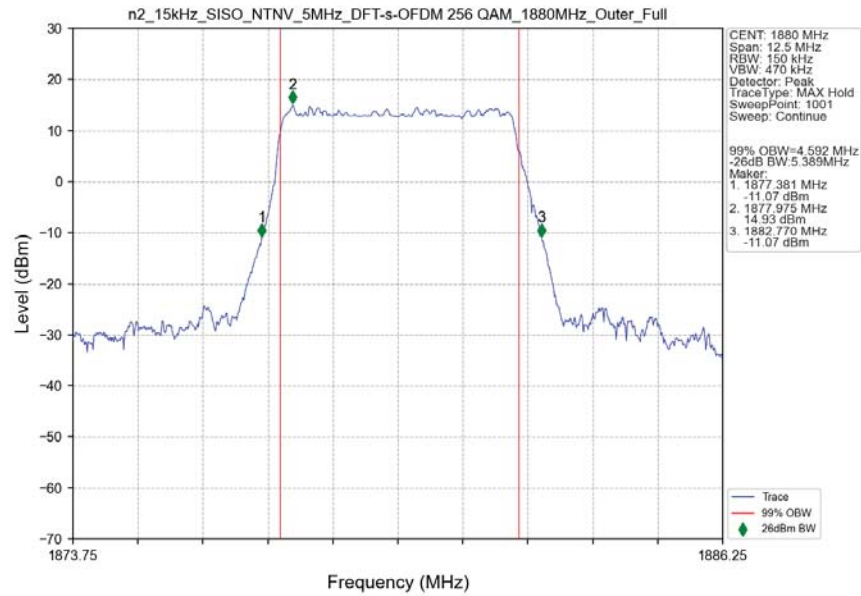
n2_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_16_QAM_1880MHz_Outer_Full_Ant3



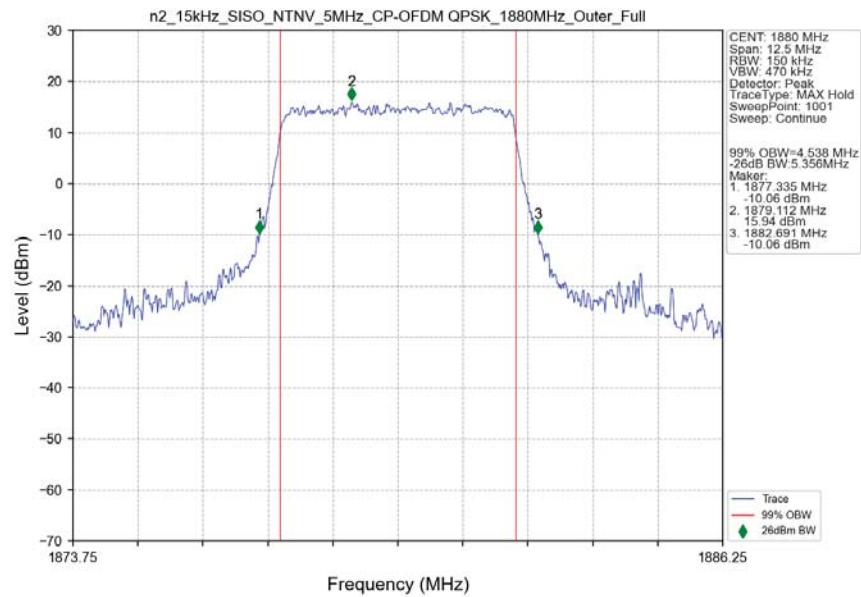
n2_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_64_QAM_1880MHz_Outer_Full_Ant3



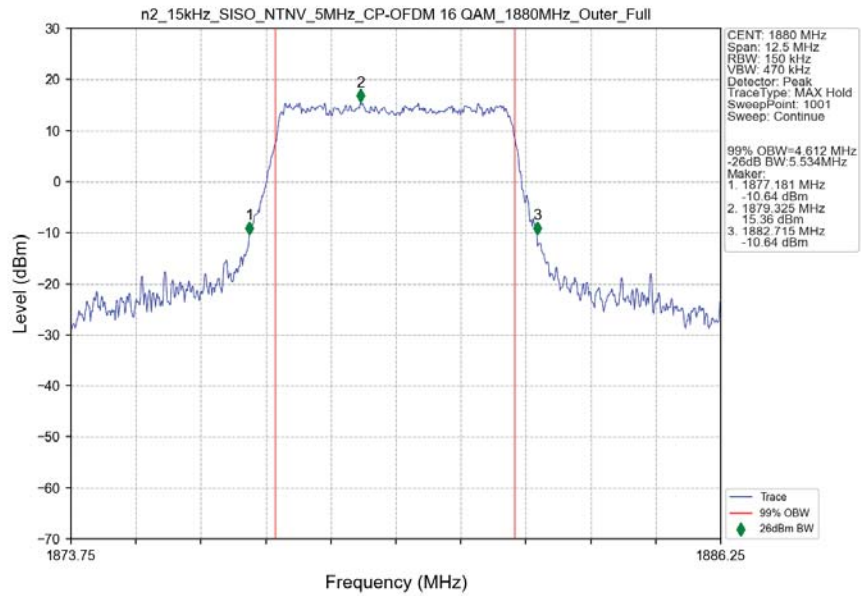
n2_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_256_QAM_1880MHz_Outer_Full_Ant3



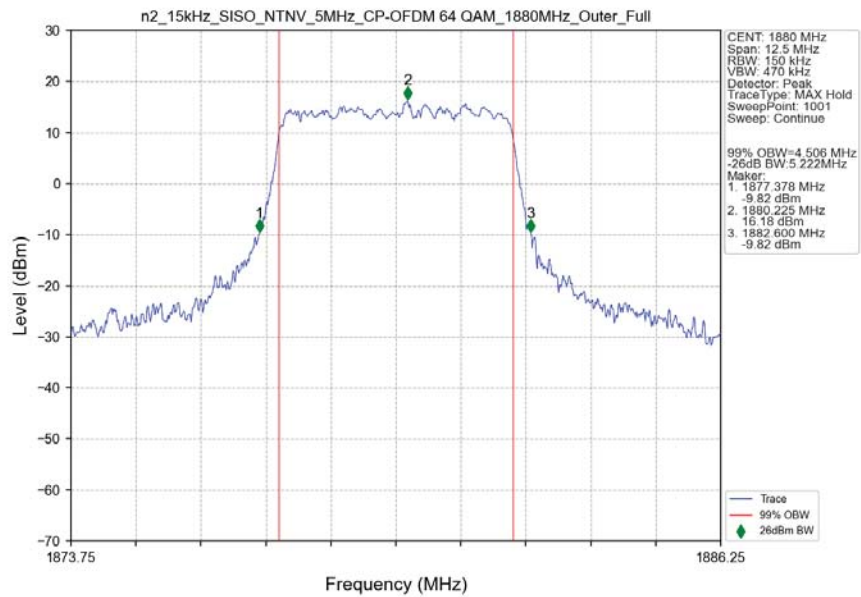
n2_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_1880MHz_Outer_Full_Ant3



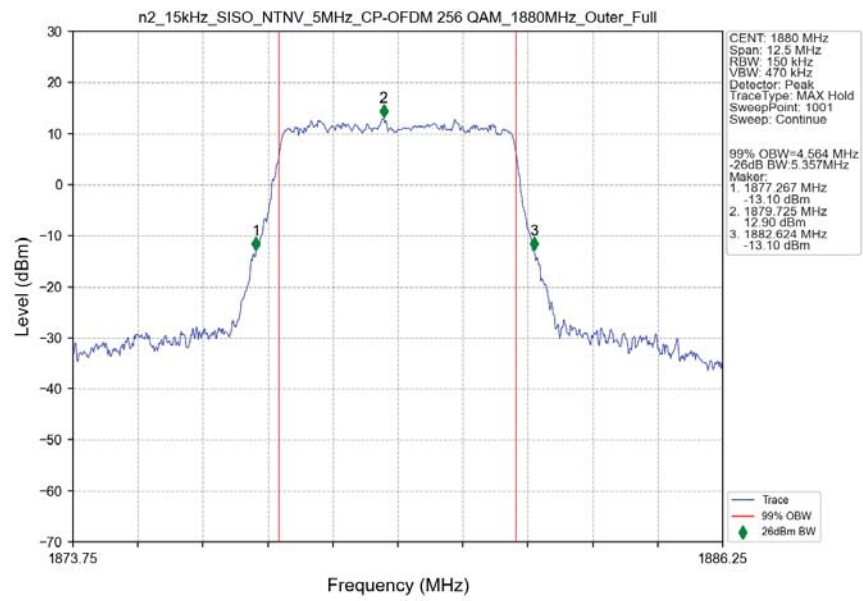
n2_15kHz_SISO_NTNV_5MHz_CP-OFDM_16QAM_1880MHz_Outer_Full_Ant3



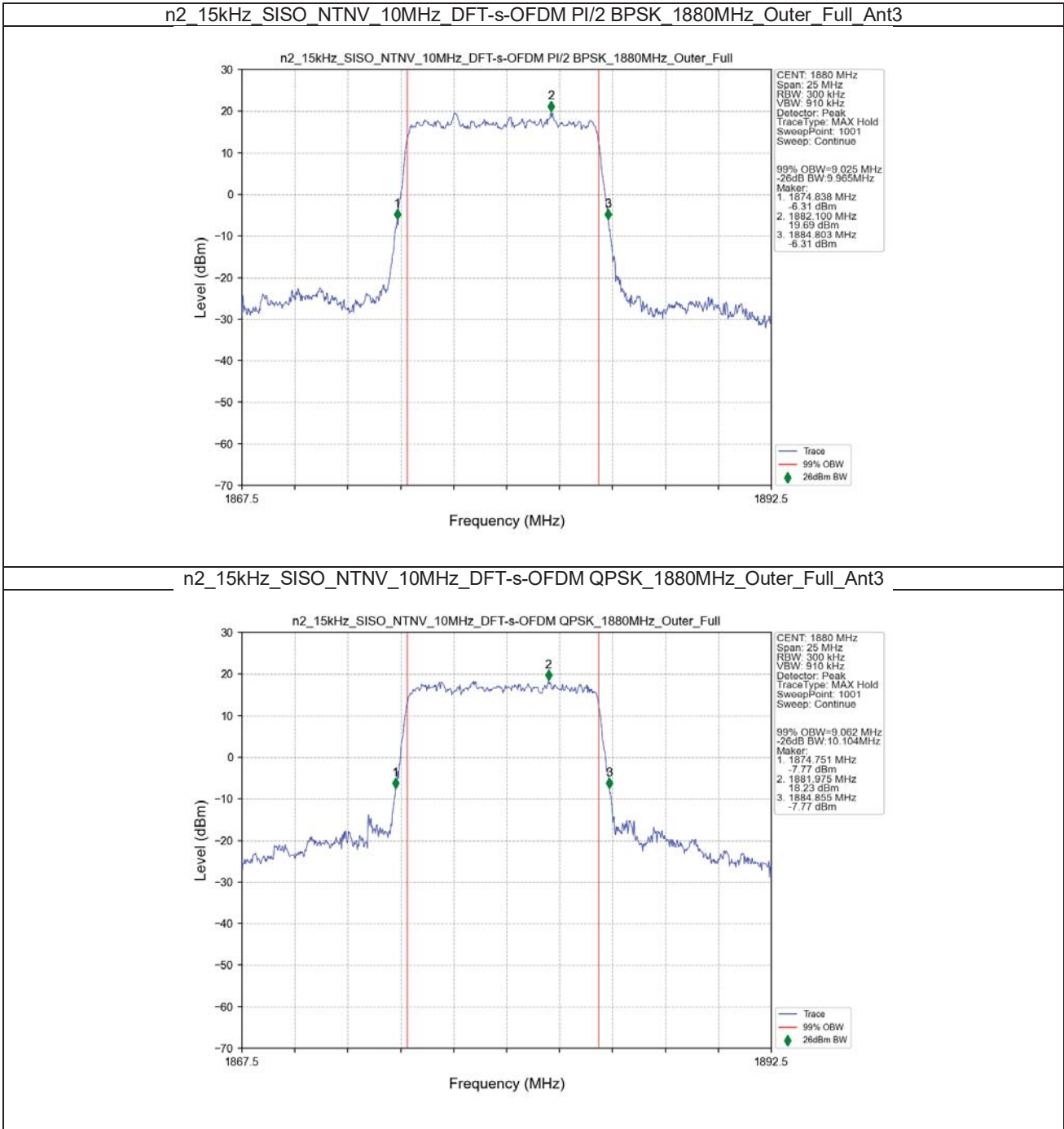
n2_15kHz_SISO_NTNV_5MHz_CP-OFDM_64QAM_1880MHz_Outer_Full_Ant3



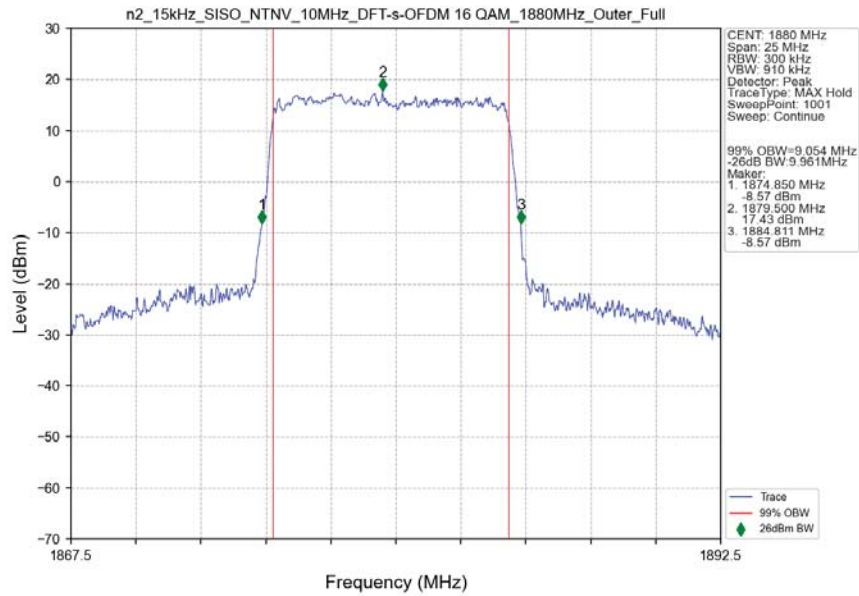
n2_15kHz_SISO_NTNV_5MHz_CP-OFDM_256_QAM_1880MHz_Outer_Full_Ant3



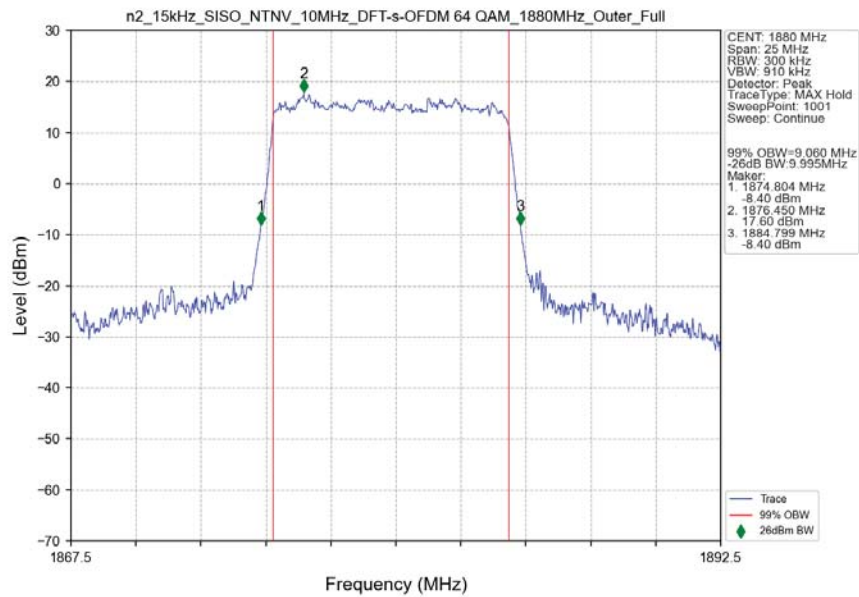
3.2.2 15k_SISO_10MHz_NTNV



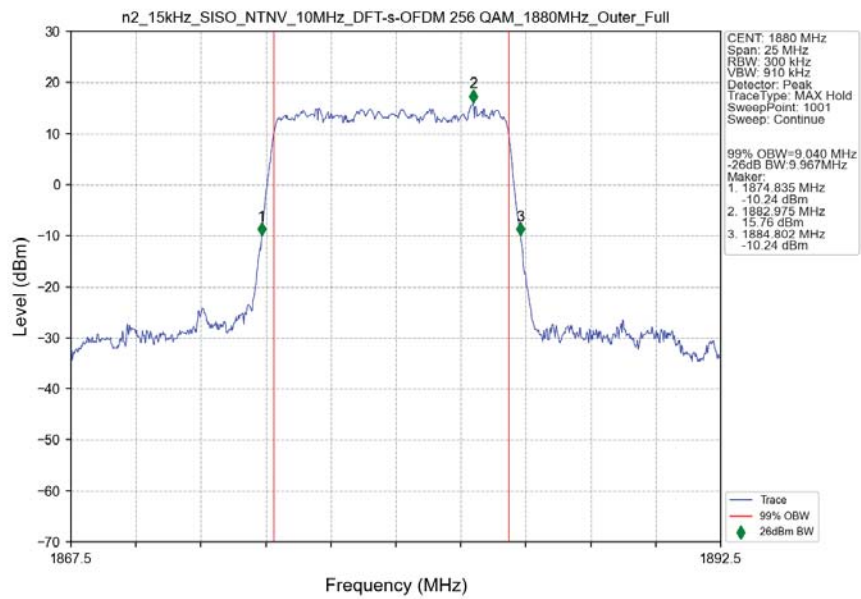
n2_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_16_QAM_1880MHz_Outer_Full_Ant3



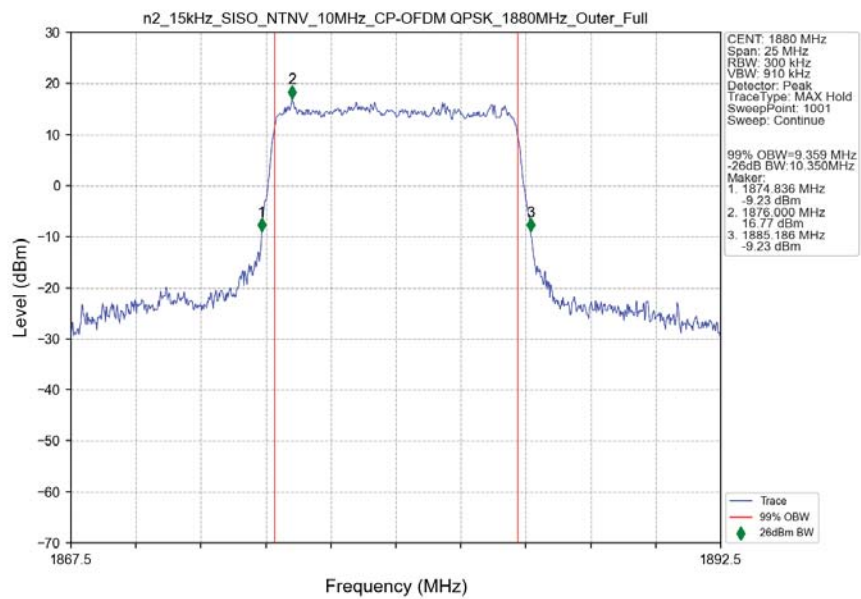
n2_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_64_QAM_1880MHz_Outer_Full_Ant3



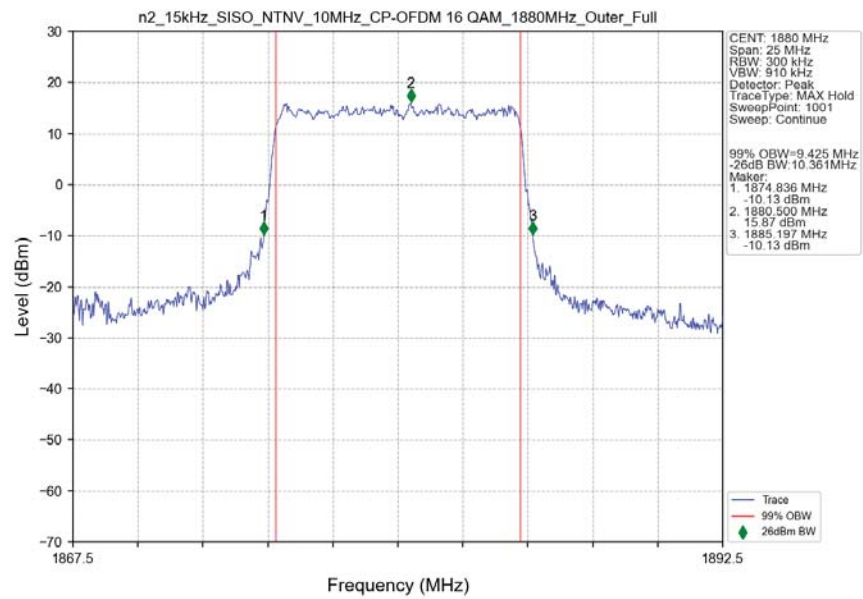
n2_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_256_QAM_1880MHz_Outer_Full_Ant3



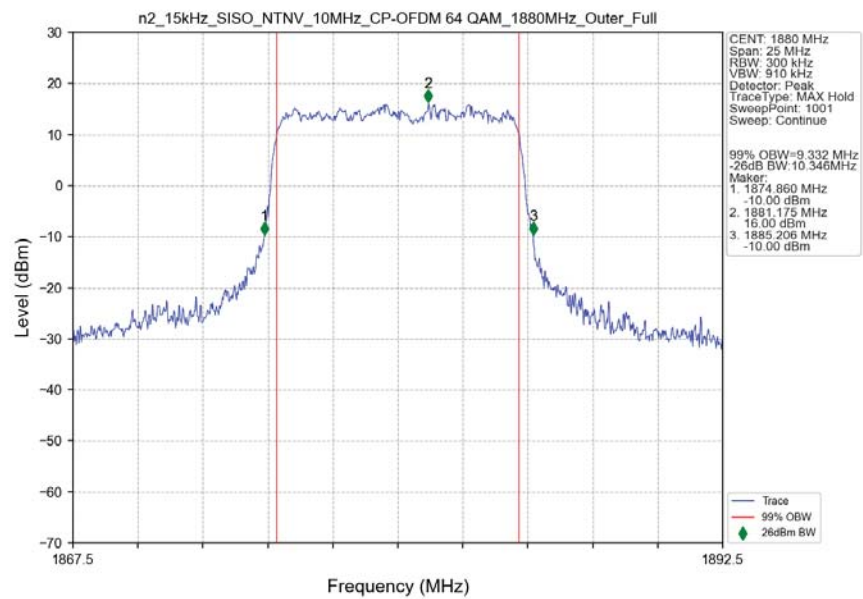
n2_15kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_1880MHz_Outer_Full_Ant3



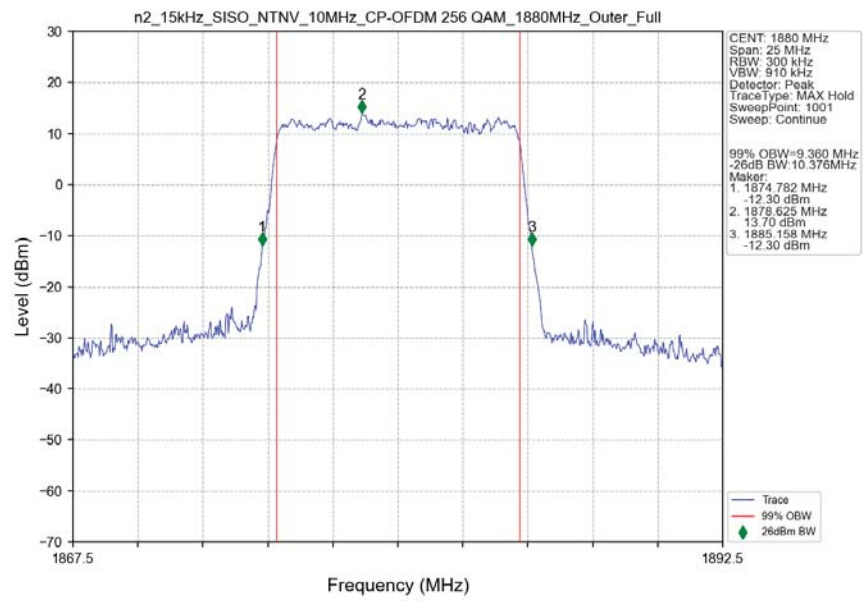
n2_15kHz_SISO_NTNV_10MHz_CP-OFDM_16_QAM_1880MHz_Outer_Full_Ant3



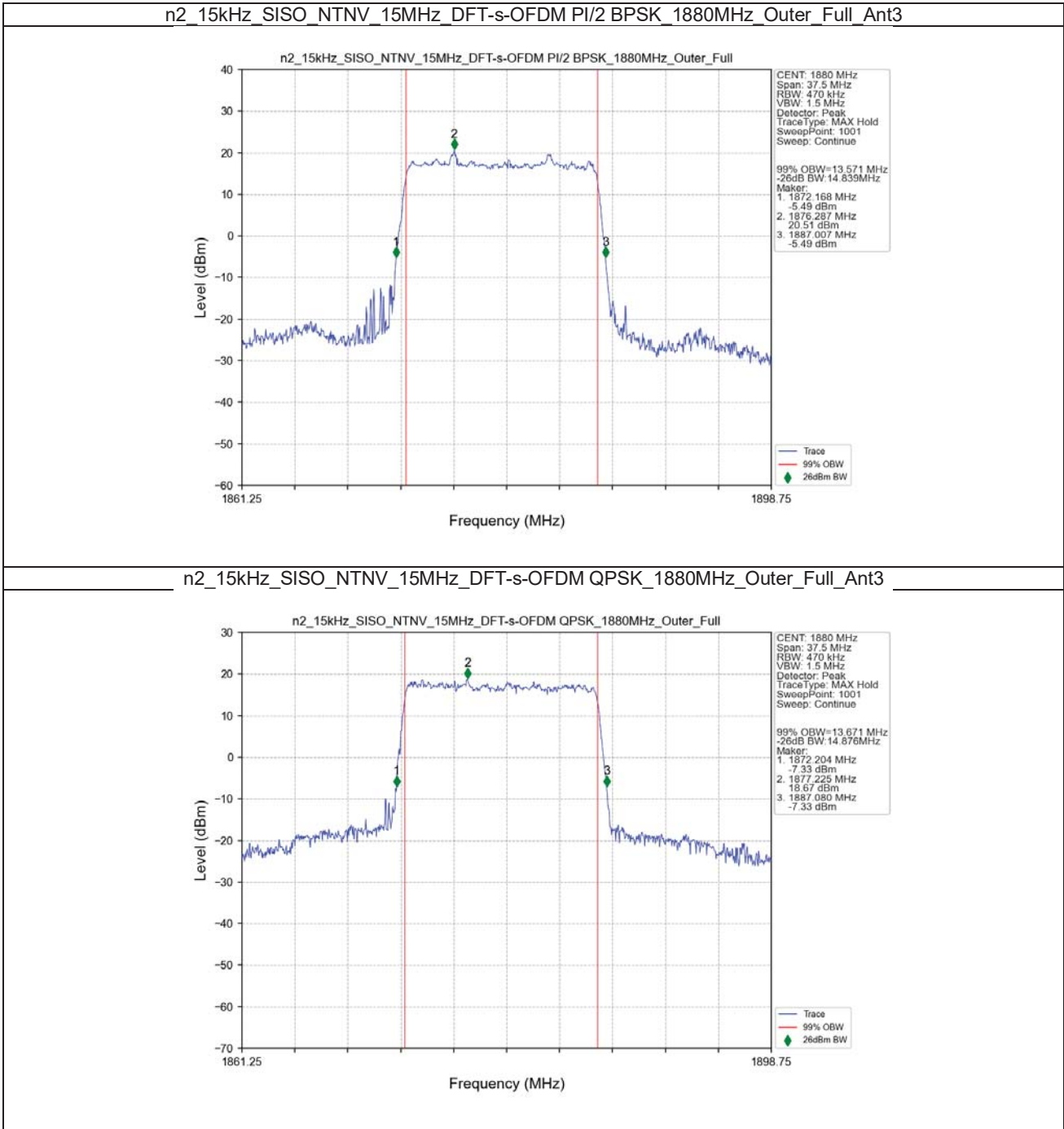
n2_15kHz_SISO_NTNV_10MHz_CP-OFDM_64_QAM_1880MHz_Outer_Full_Ant3



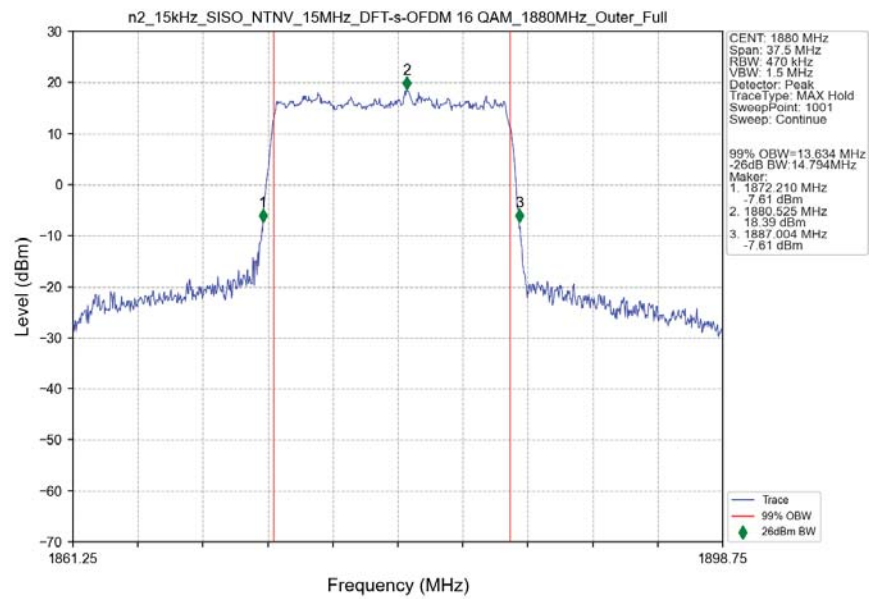
n2_15kHz_SISO_NTNV_10MHz_CP-OFDM_256_QAM_1880MHz_Outer_Full_Ant3



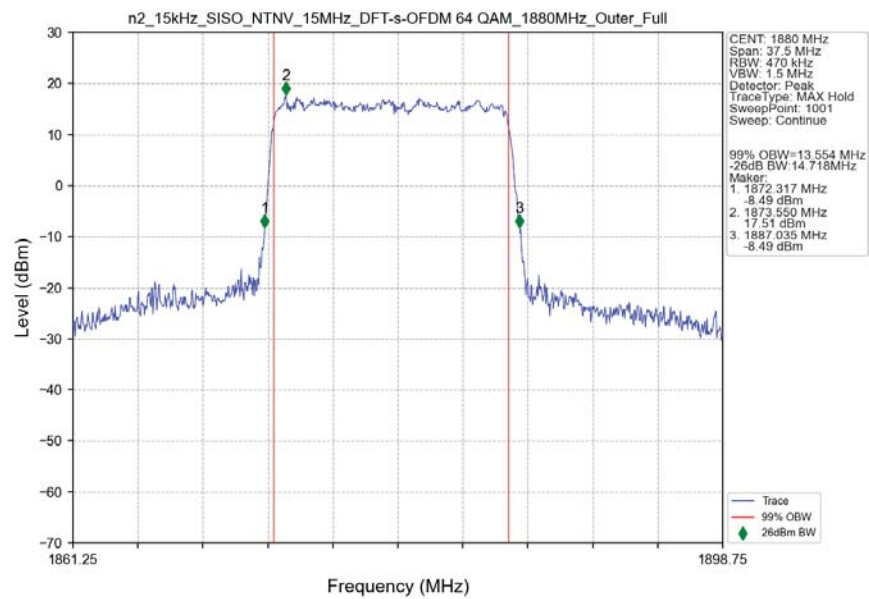
3.2.3 15k_SISO_15MHz_NTNV



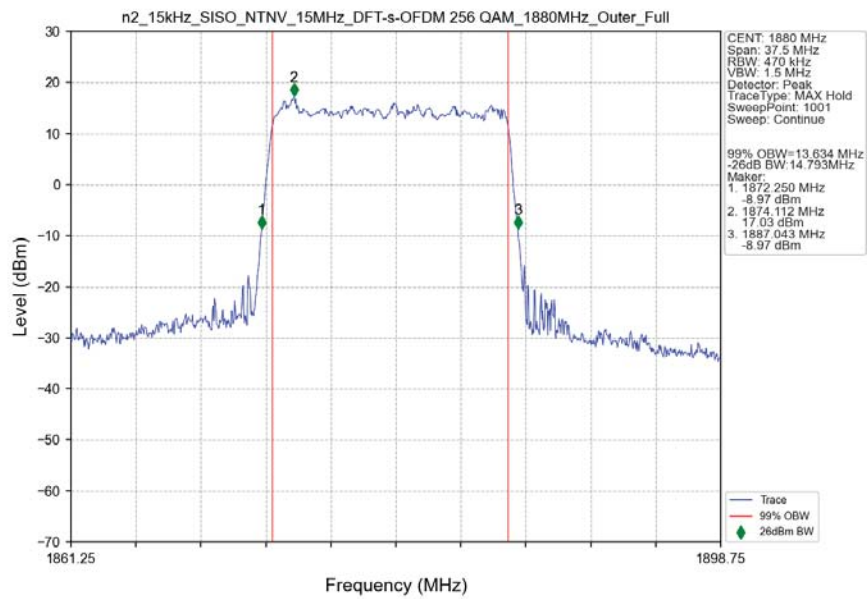
n2_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_16_QAM_1880MHz_Outer_Full_Ant3



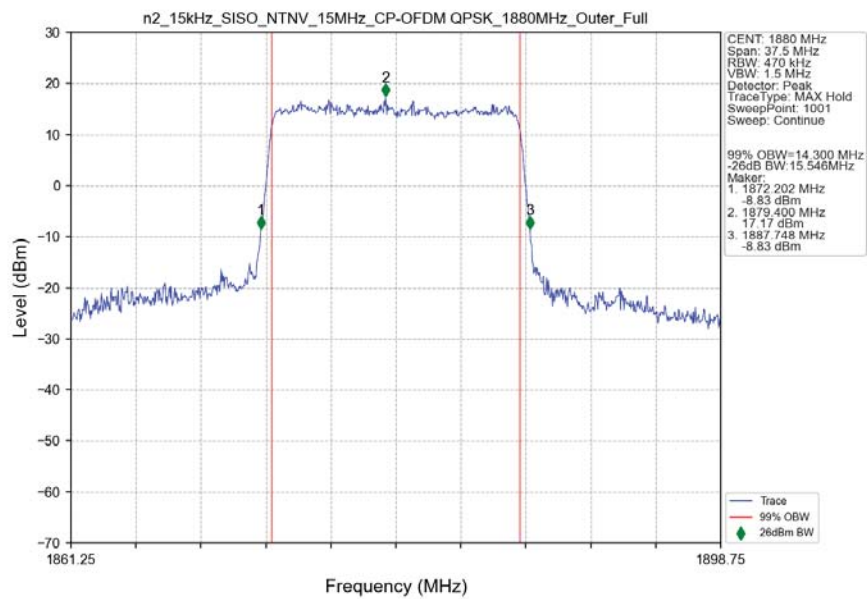
n2_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_64_QAM_1880MHz_Outer_Full_Ant3



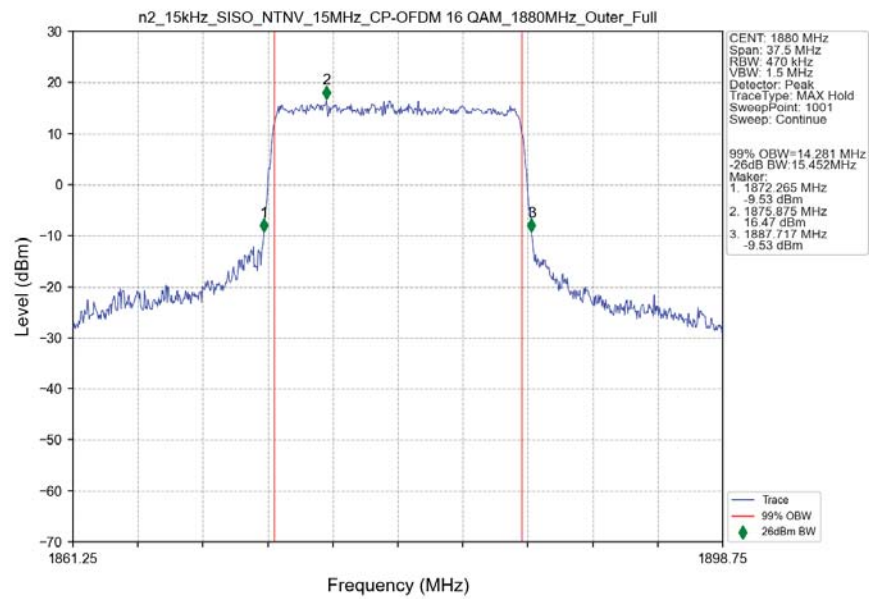
n2_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_256_QAM_1880MHz_Outer_Full_Ant3



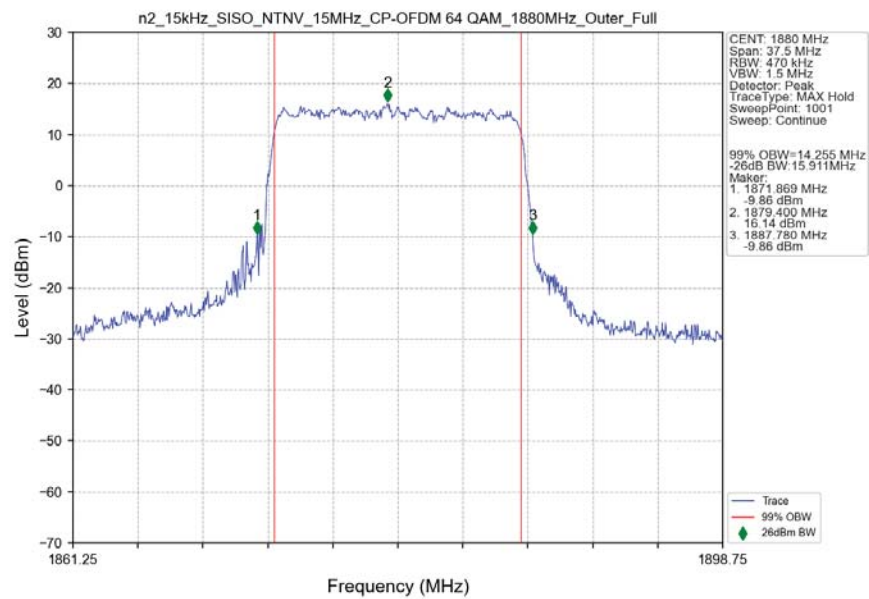
n2_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_1880MHz_Outer_Full_Ant3



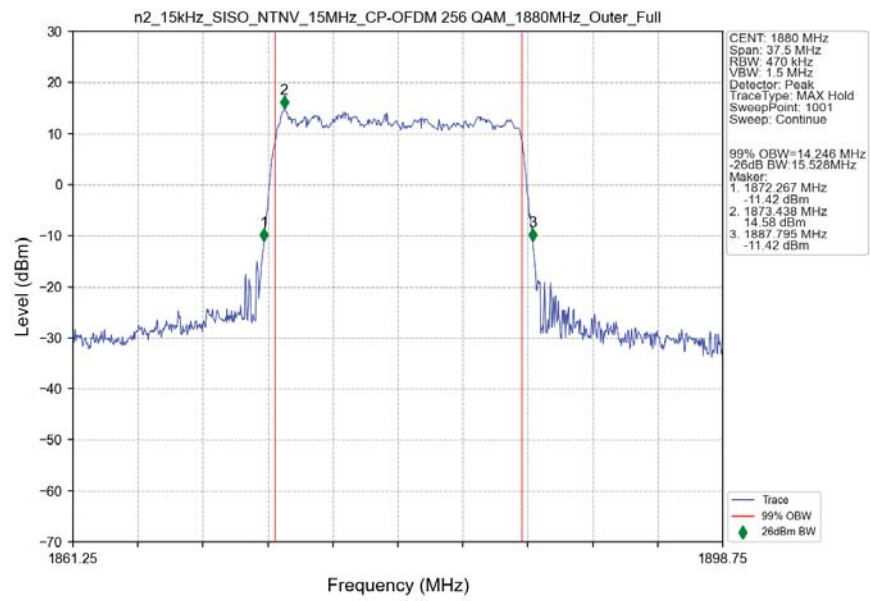
n2 15kHz SISO NTN 15MHz CP-OFDM 16 QAM 1880MHz Outer Full Ant3



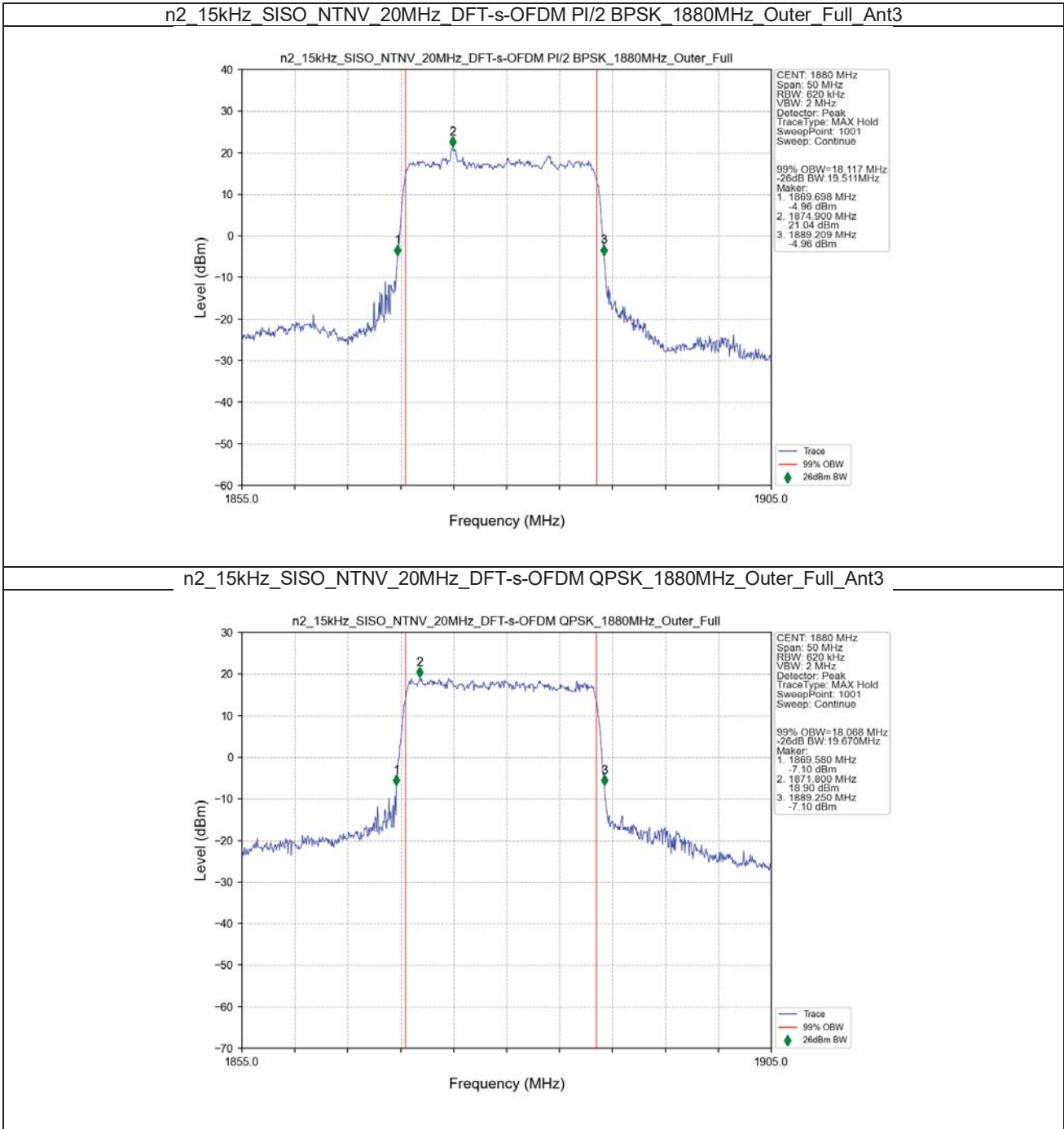
n2 15kHz SISO NTN 15MHz CP-OFDM 64 QAM 1880MHz Outer Full Ant3



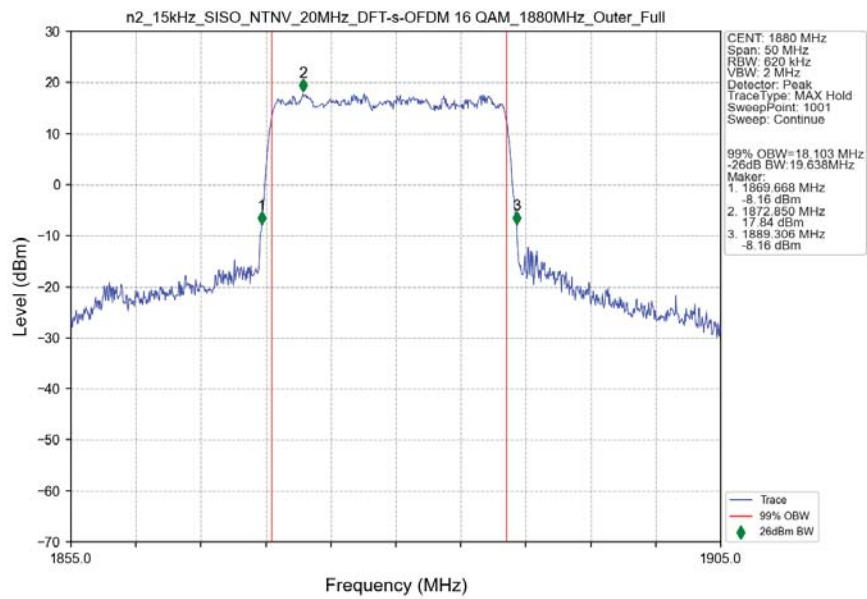
n2_15kHz_SISO_NTNV_15MHz_CP-OFDM_256_QAM_1880MHz_Outer_Full_Ant3



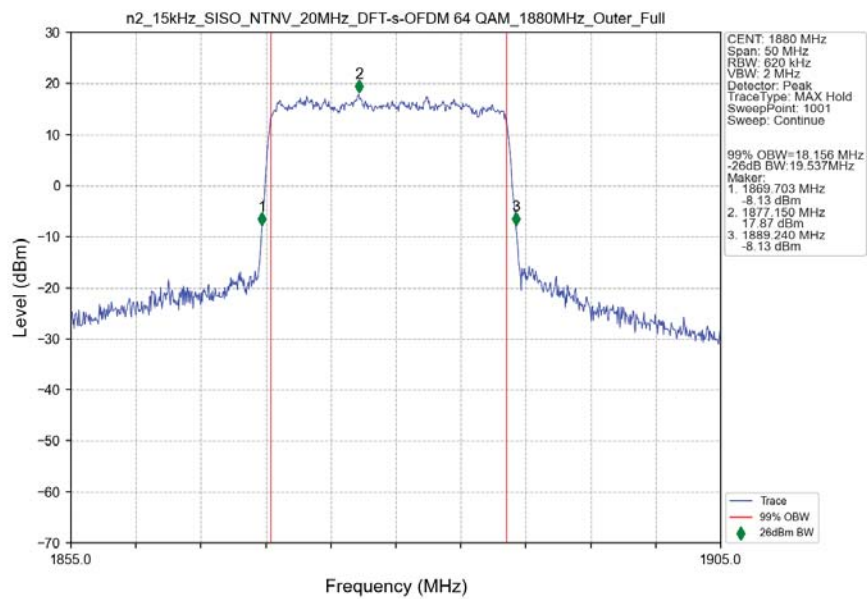
3.2.4 15k_SISO_20MHz_NTNV



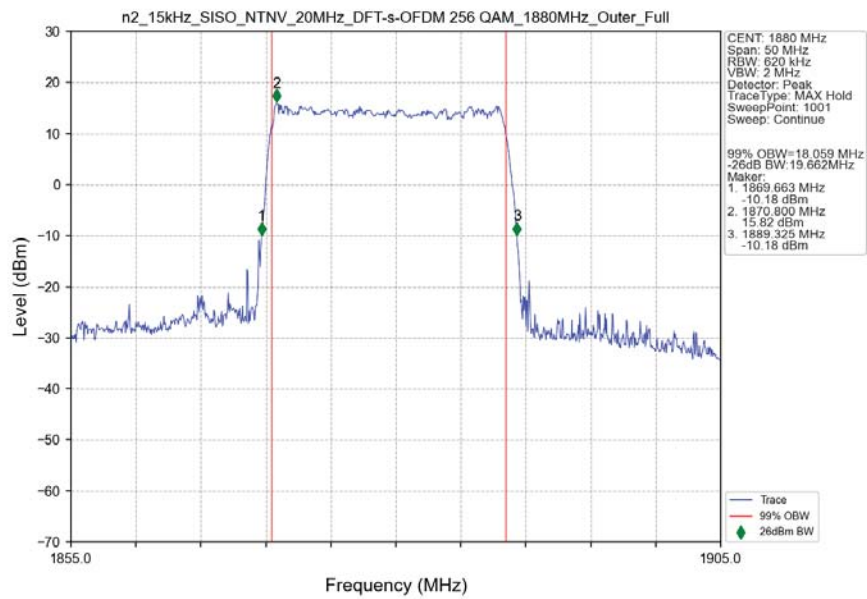
n2_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_16_QAM_1880MHz_Outer_Full_Ant3



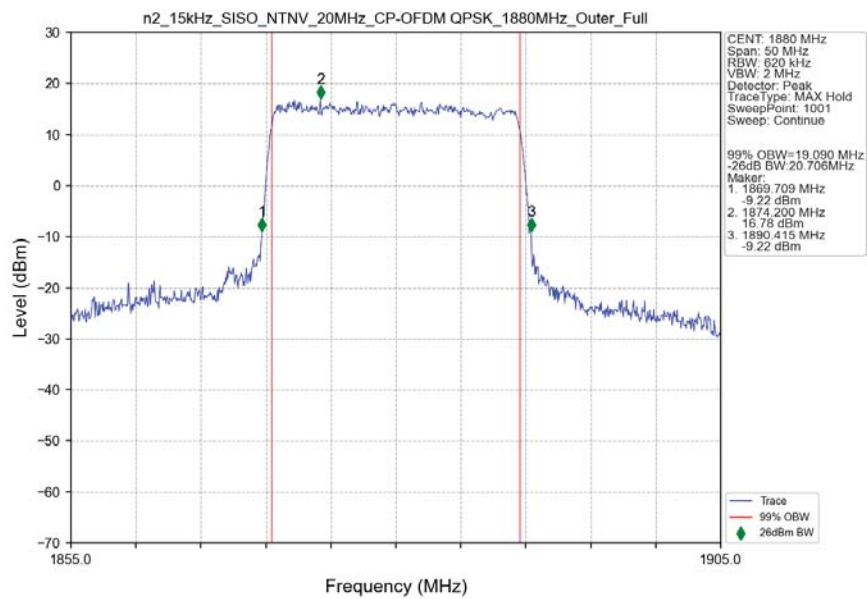
n2_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_64_QAM_1880MHz_Outer_Full_Ant3



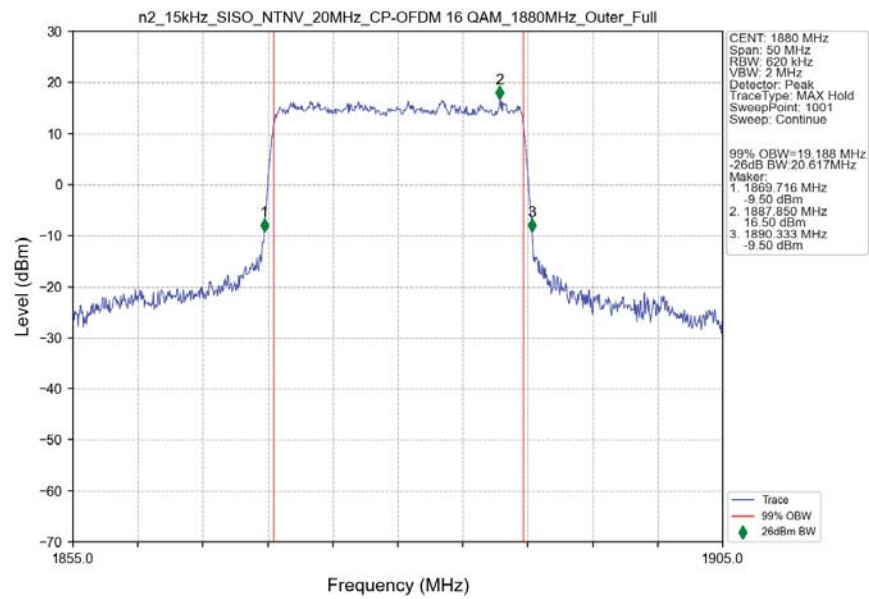
n2_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_256_QAM_1880MHz_Outer_Full_Ant3



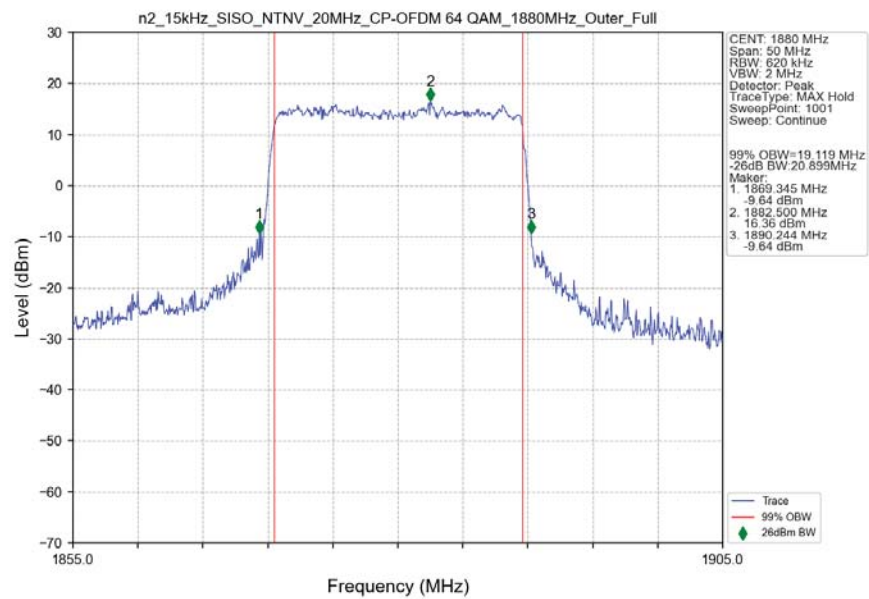
n2_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_1880MHz_Outer_Full_Ant3



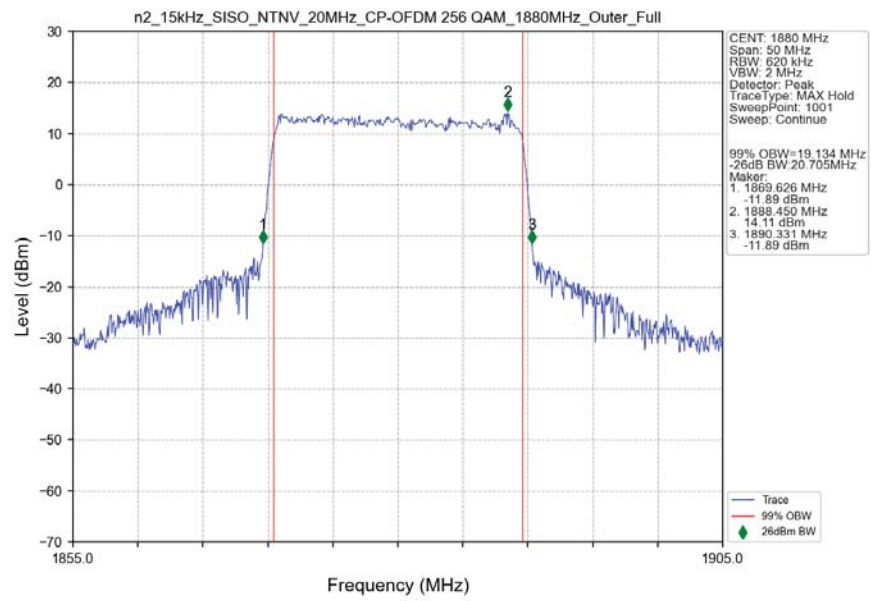
n2_15kHz_SISO_NTNV_20MHz_CP-OFDM_16_QAM_1880MHz_Outer_Full_Ant3



n2_15kHz_SISO_NTNV_20MHz_CP-OFDM_64_QAM_1880MHz_Outer_Full_Ant3



n2_15kHz_SISO_NTNV_20MHz_CP-OFDM_256_QAM_1880MHz_Outer_Full_Ant3



4. Peak-Average Ratio

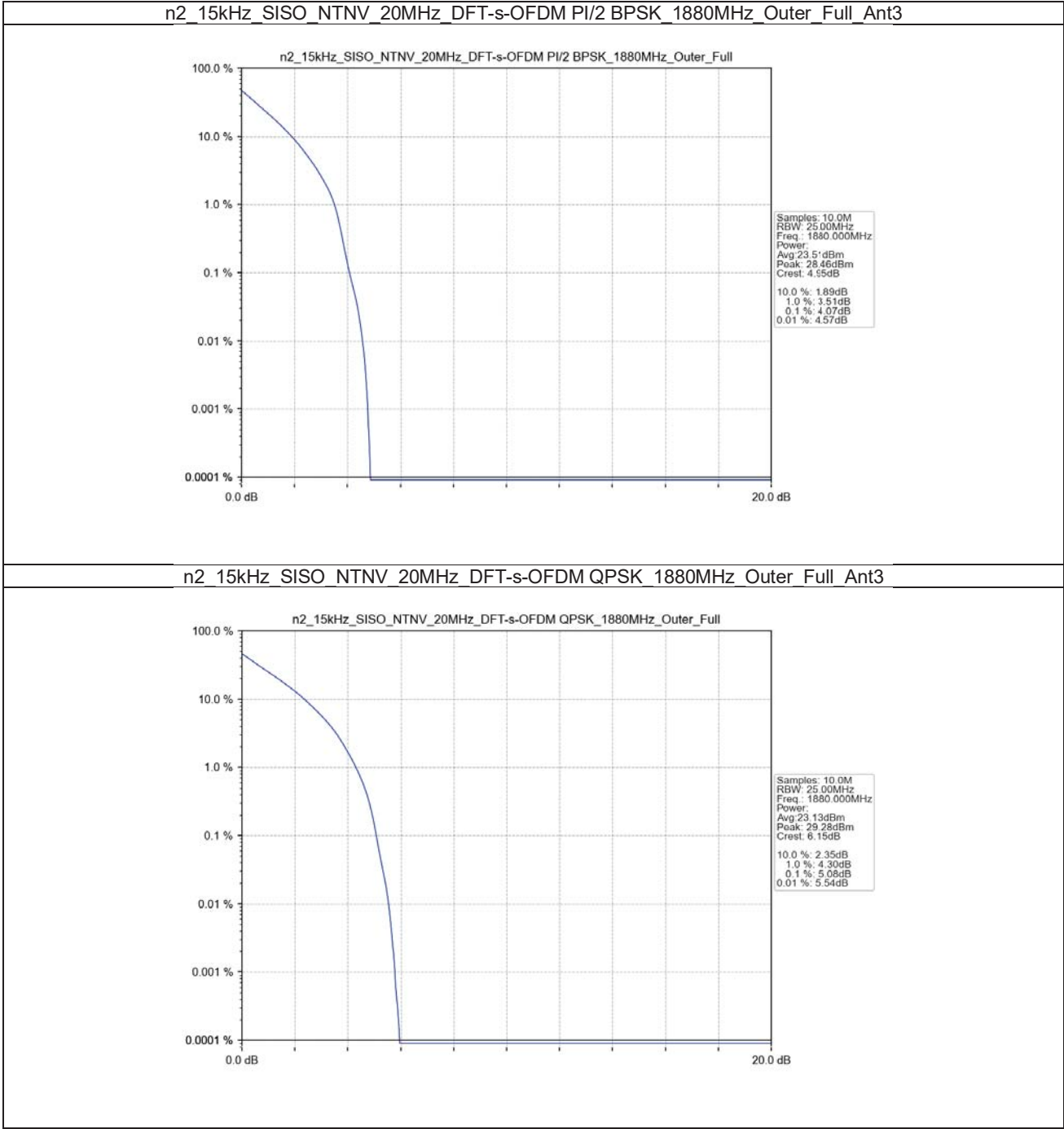
4.1 Test Result

4.1.1 15k_SISO_20MHz_NTNV

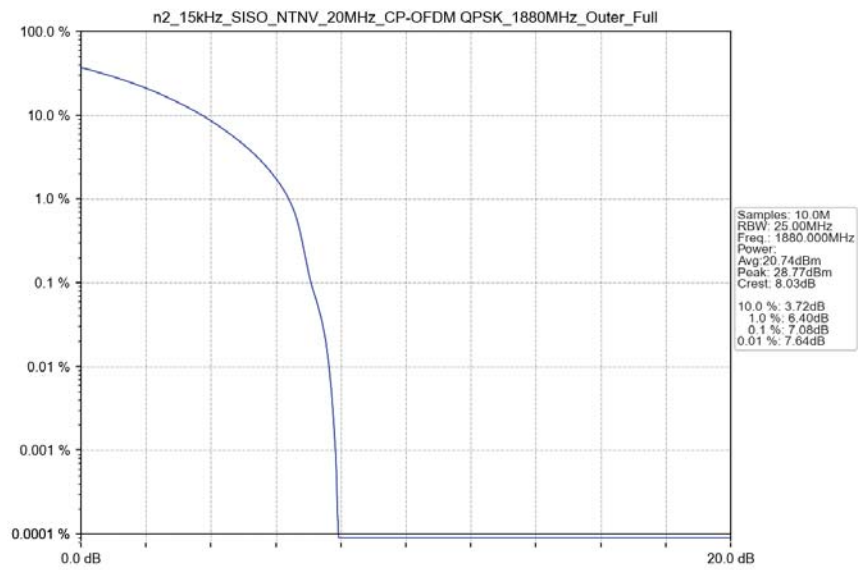
5G NR n2 SCS=15kHz SISO 20MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant3	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1880	Outer_Full	4.07	/	/	<=13	Pass
DFT-s-OFDM QPSK	1880	Outer_Full	5.08	/	/	<=13	Pass
CP-OFDM QPSK	1880	Outer_Full	7.08	/	/	<=13	Pass

4.2 Test Graph

4.2.1 15k_SISO_20MHz_NTNV



n2_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_1880MHz_Outer_Full_Ant3



5. Spurious Emission

5.1 Test Result

5.1.1 15k_SISO_5MHz_NTNV

5G NR n2 SCS=15kHz SISO 5MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant3	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 15k_SISO_15MHz_NTNV

5G NR n2 SCS=15kHz SISO 15MHz NTN/V							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant3	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
		1902.5	Edge_1RB_Right	Refer To Test Graph			
			Outer_Full	Refer To Test Graph			
	DFT-s-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			
			Outer_Full	Refer To Test Graph			
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			
			Outer_Full	Refer To Test Graph			

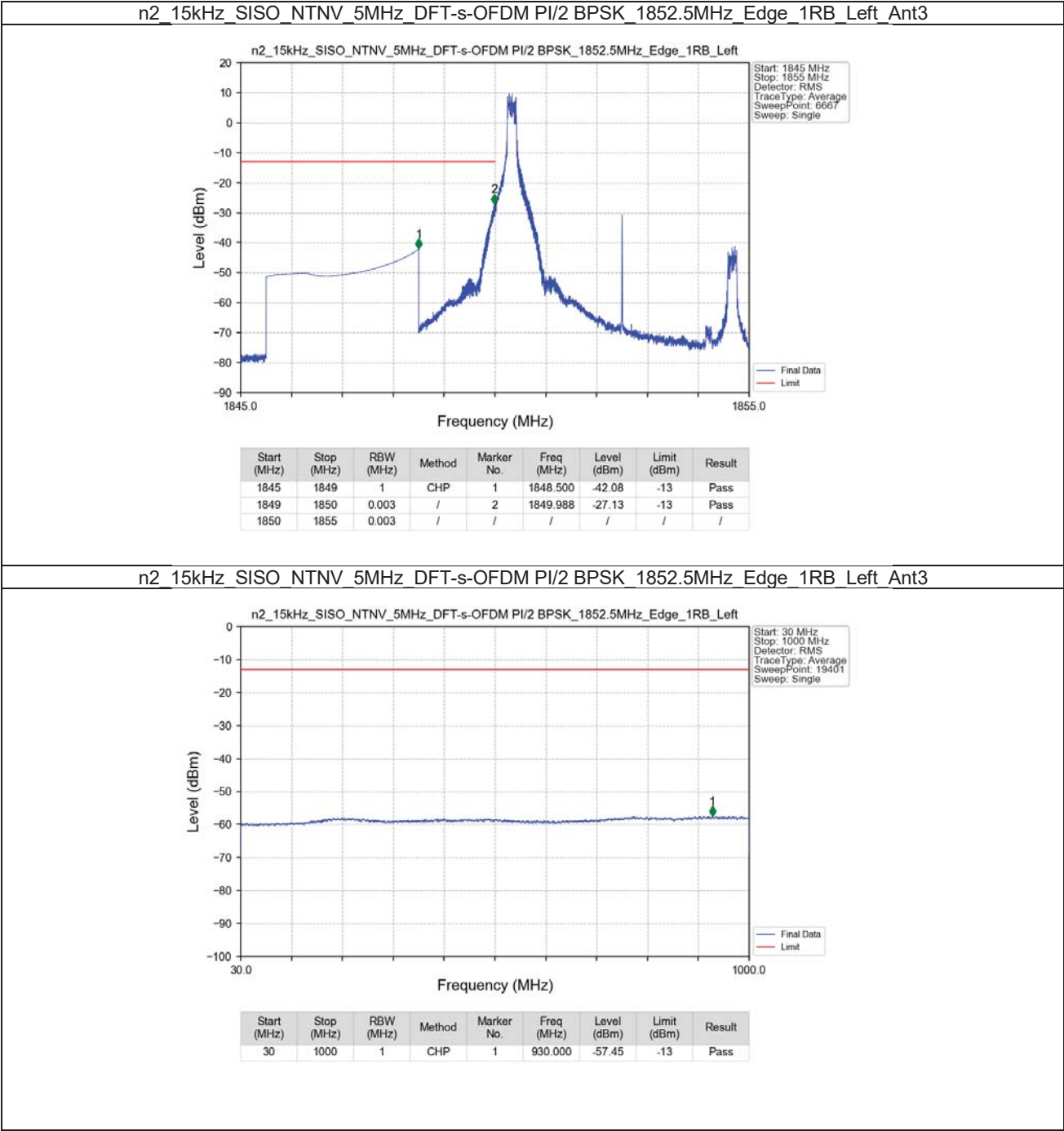
5.1.3 15k_SISO_20MHz_NTNV

5G NR n2 SCS=15kHz SISO 20MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant3	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

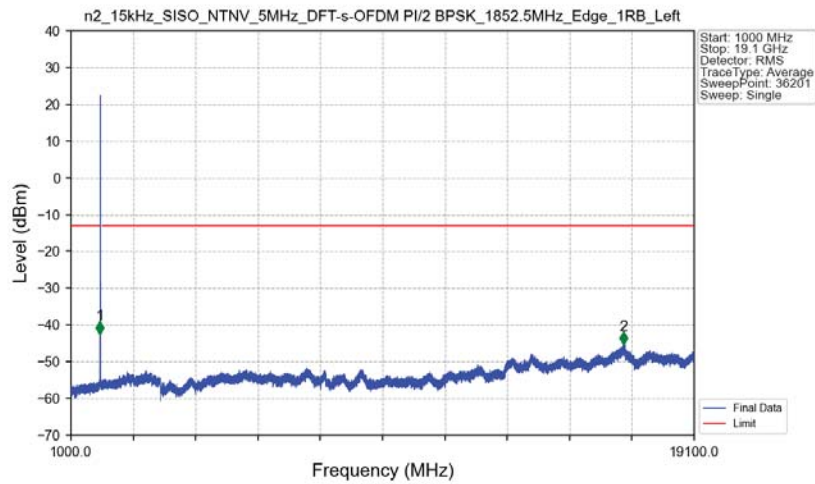
	1880	Edge_1RB_Left	Refer To Test Graph	Pass
	1900	Edge_1RB_Right	Refer To Test Graph	Pass
		Outer_Full	Refer To Test Graph	Pass
DFT-s-OFDM QPSK	1860	Edge_1RB_Left	Refer To Test Graph	Pass
		Outer_Full	Refer To Test Graph	Pass
	1880	Edge_1RB_Left	Refer To Test Graph	Pass
		Edge_1RB_Right	Refer To Test Graph	Pass
		Outer_Full	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
		Outer_Full	Refer To Test Graph	Pass
		Outer_Full	Refer To Test Graph	Pass

5.2 Test Graph

5.2.1 15k_SISO_5MHz_NTNV

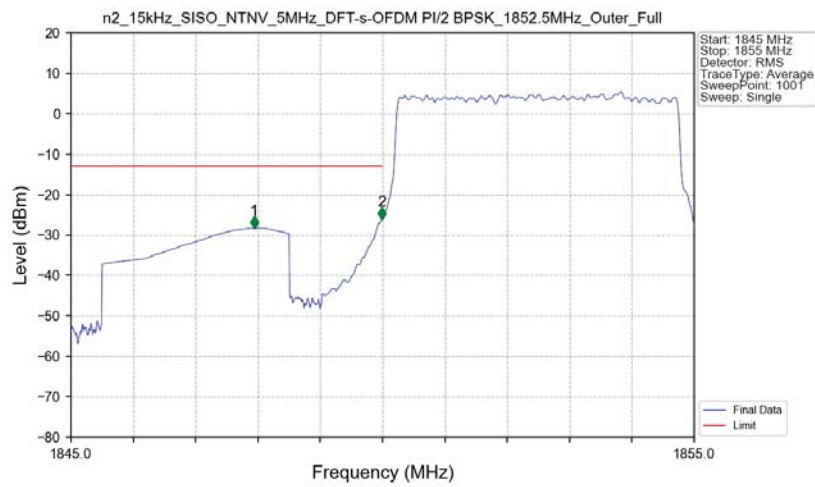


n2_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_1852.5MHz_Edge_1RB_Left_Ant3



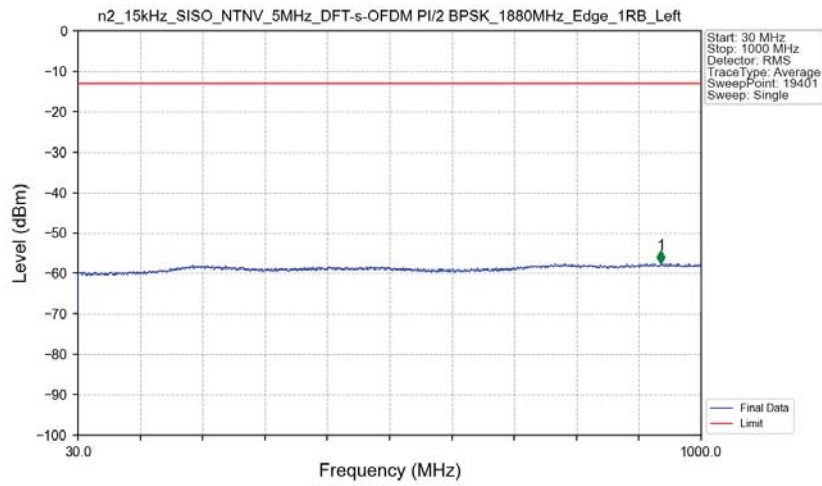
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1849	1	/	1	1843.000	-42.39	-13	Pass
1849	1915	1	/	/	/	/	/	/
1915	19100	1	/	2	17046.500	-45.35	-13	Pass

n2_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_1852.5MHz_Outer_Full_Ant3

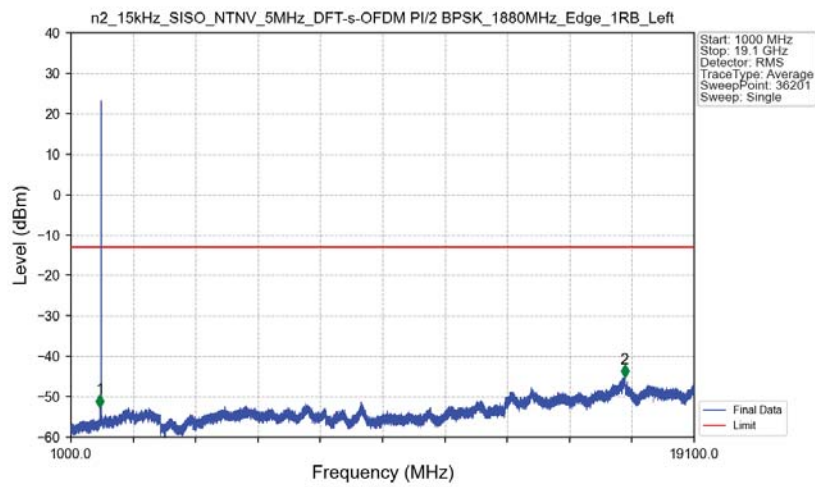


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1845	1849	1	CHP	1	1847.940	-28.32	-13	Pass
1849	1850	0.05534	CHP	2	1849.990	-26.20	-13	Pass
1850	1855	0.05534	CHP	/	/	/	/	/

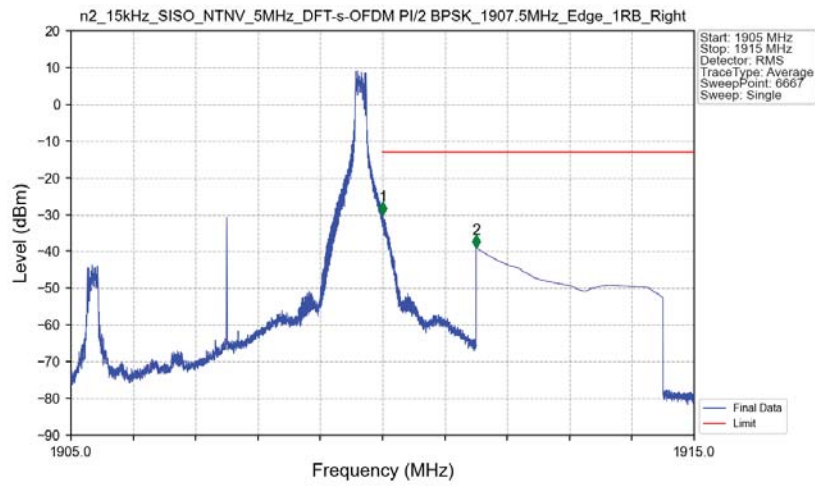
n2_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_1880MHz_Edge_1RB_Left_Ant3



n2_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_1880MHz_Edge_1RB_Left_Ant3

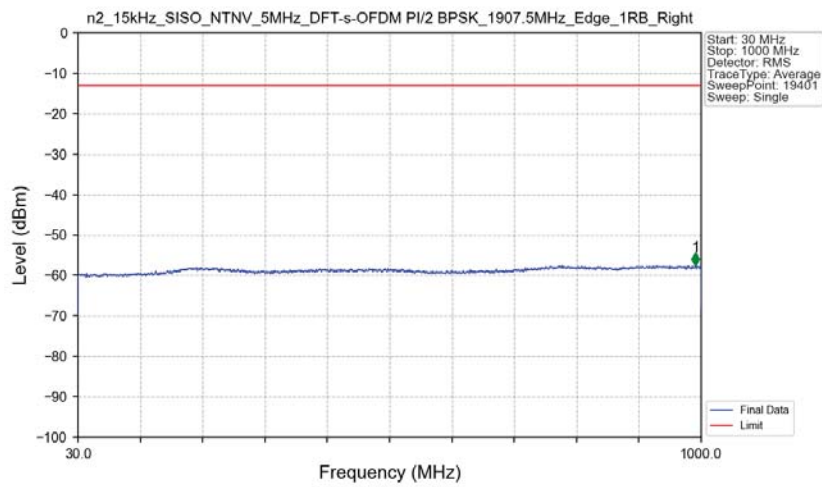


n2 15kHz SISO NTN 5MHz DFT-s-OFDM PI/2 BPSK 1907.5MHz Edge 1RB Right Ant3



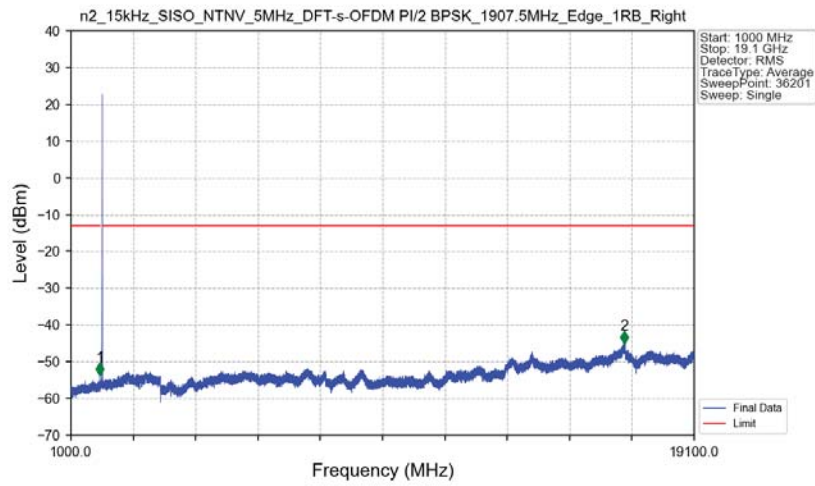
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1905	1910	0.003	/	/	/	/	/	/
1910	1911	0.003	/	1	1910.002	-29.94	-13	Pass
1911	1915	1	CHP	2	1911.500	-39.00	-13	Pass

n2 15kHz SISO NTN 5MHz DFT-s-OFDM PI/2 BPSK 1907.5MHz Edge 1RB Right Ant3



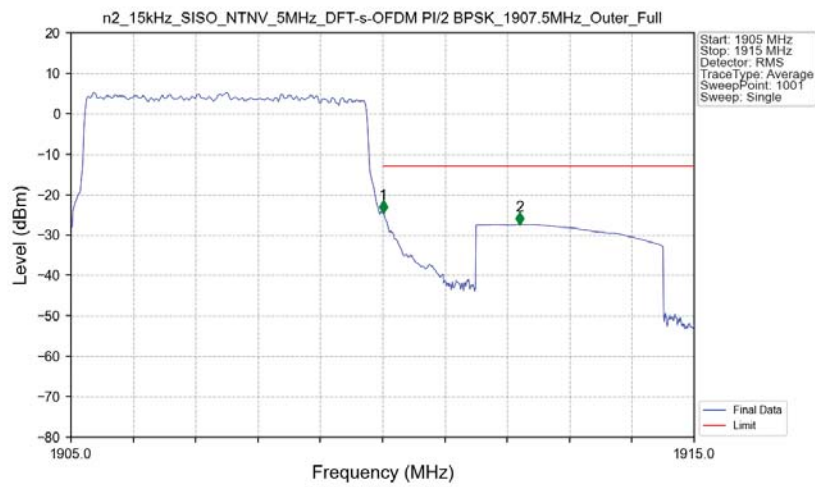
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	990.900	-57.46	-13	Pass

n2_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_1907.5MHz_Edge_1RB_Right_Ant3



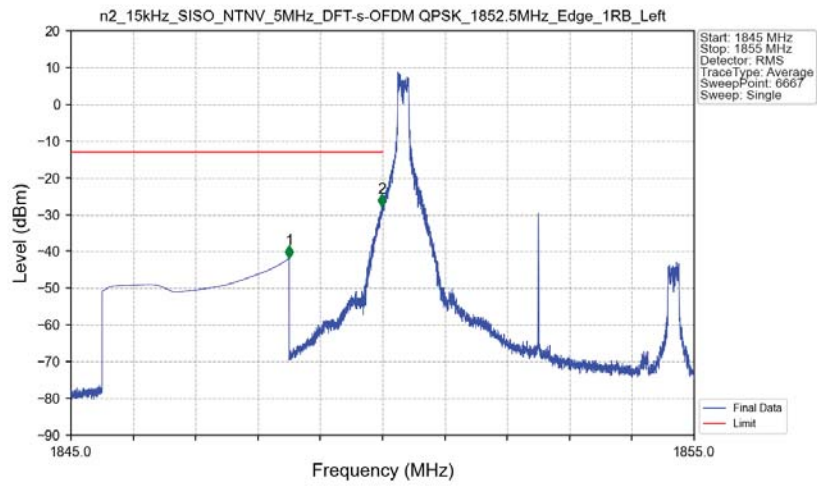
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1849	1	/	1	1843.000	-53.66	-13	Pass
1849	1915	1	/	/	/	/	/	/
1915	19100	1	/	2	17062.500	-45.08	-13	Pass

n2_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_1907.5MHz_Outer_Full_Ant3

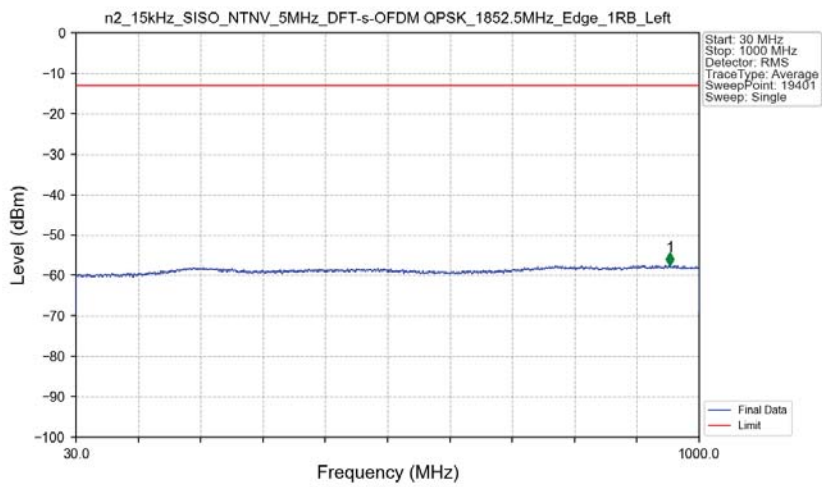


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1905	1910	0.05341	CHP	/	/	/	/	/
1910	1911	0.05341	CHP	1	1910.010	-24.57	-13	Pass
1911	1915	1	CHP	2	1912.200	-27.40	-13	Pass

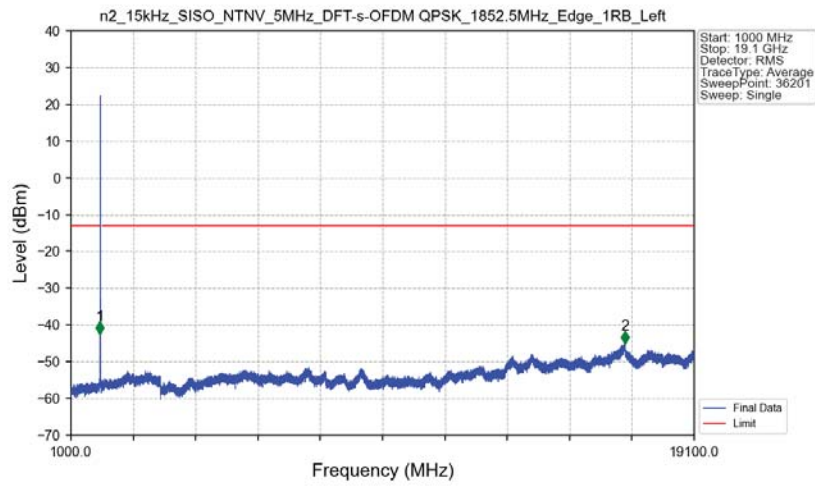
n2_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_1852.5MHz_Edge_1RB_Left_Ant3



n2_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_1852.5MHz_Edge_1RB_Left_Ant3

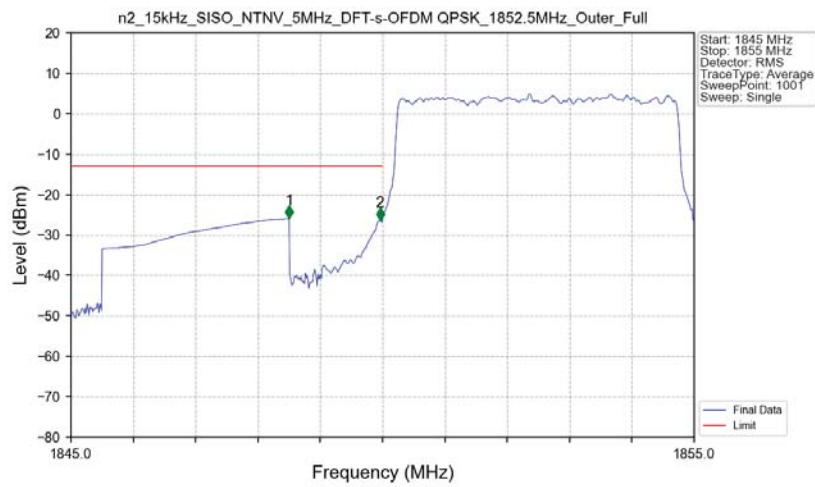


n2_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_1852.5MHz_Edge_1RB_Left Ant3



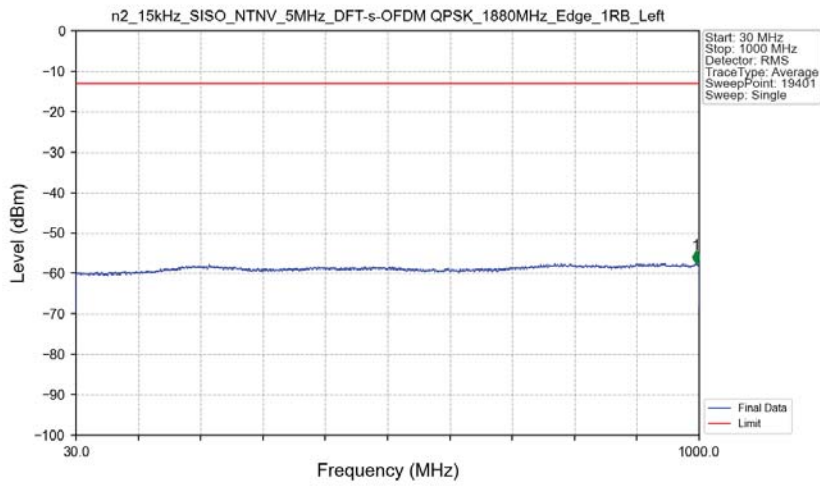
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1849	1	/	1	1843.000	-42.39	-13	Pass
1849	1915	1	/	/	/	/	/	/
1915	19100	1	/	2	17093.500	-45.04	-13	Pass

n2_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_1852.5MHz_Outer_Full Ant3

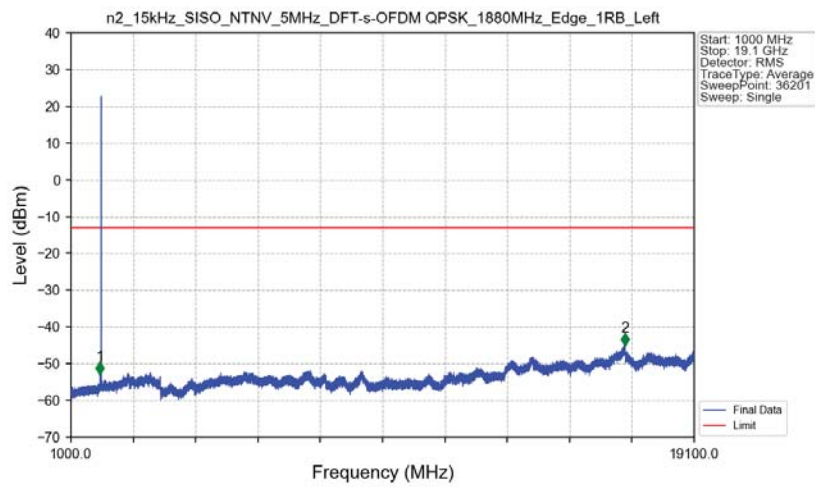


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1845	1849	1	CHP	1	1848.500	-25.92	-13	Pass
1849	1850	0.05341	CHP	2	1849.960	-26.35	-13	Pass
1850	1855	0.05341	CHP	/	/	/	/	/

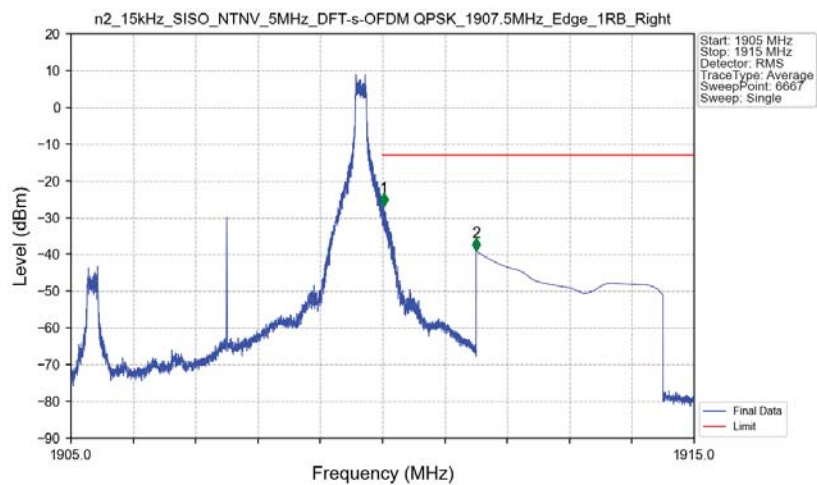
n2 15kHz SISO NTN 5MHz DFT-s-OFDM QPSK 1880MHz Edge 1RB Left Ant3



n2 15kHz SISO NTN 5MHz DFT-s-OFDM QPSK 1880MHz Edge 1RB Left Ant3

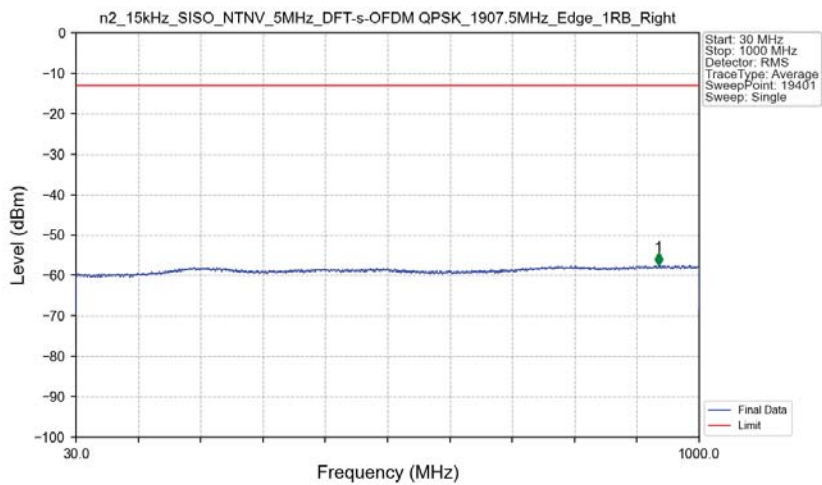


n2 15kHz SISO NTN 5MHz DFT-s-OFDM QPSK 1907.5MHz Edge 1RB Right Ant3



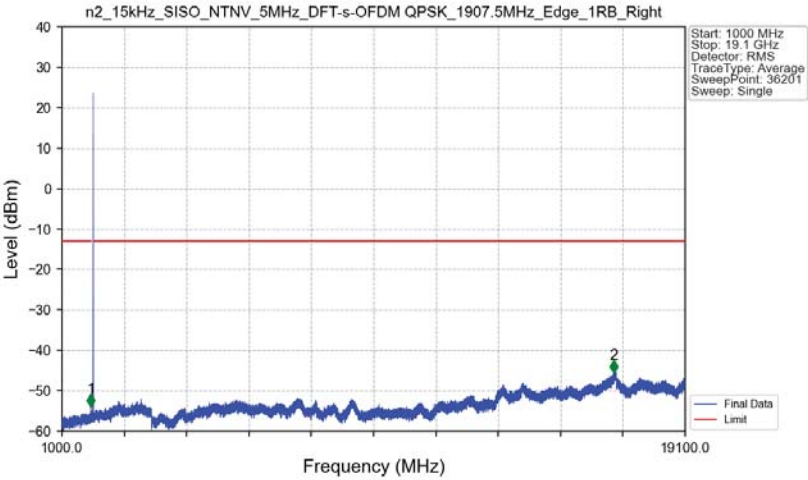
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1905	1910	0.003	/	/	/	/	/	/
1910	1911	0.003	/	1	1910.020	-26.76	-13	Pass
1911	1915	1	CHP	2	1911.500	-39.13	-13	Pass

n2 15kHz SISO NTN 5MHz DFT-s-OFDM QPSK 1907.5MHz Edge 1RB Right Ant3



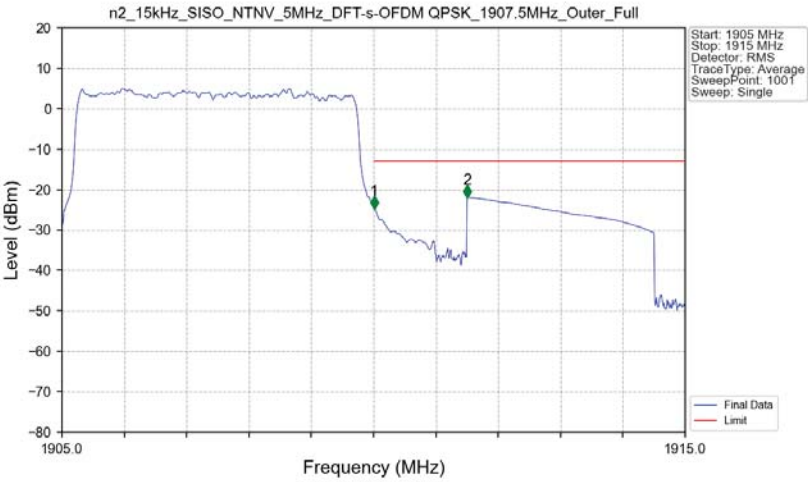
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	937.000	-57.42	-13	Pass

n2 15kHz SISO NTN 5MHz DFT-s-OFDM QPSK 1907.5MHz Edge 1RB Right Ant3



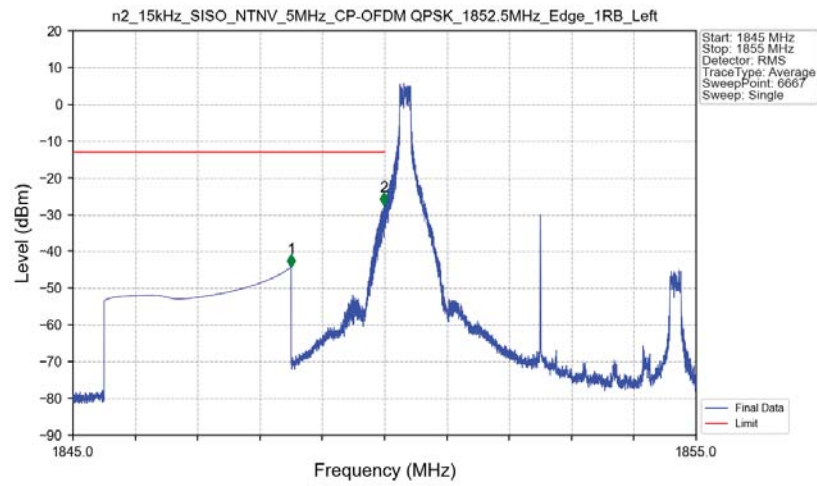
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1849	1	/	1	1842.500	-53.98	-13	Pass
1849	1915	1	/	/	/	/	/	/
1915	19100	1	/	2	17035.000	-45.51	-13	Pass

n2 15kHz SISO NTN 5MHz DFT-s-OFDM QPSK 1907.5MHz Outer Full Ant3

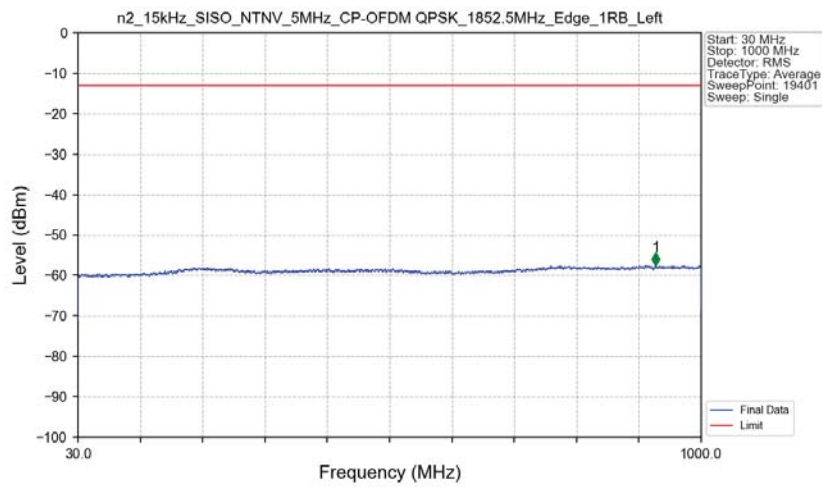


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1905	1910	0.05349	CHP	/	/	/	/	/
1910	1911	0.05349	CHP	1	1910.010	-24.72	-13	Pass
1911	1915	1	CHP	2	1911.500	-22.02	-13	Pass

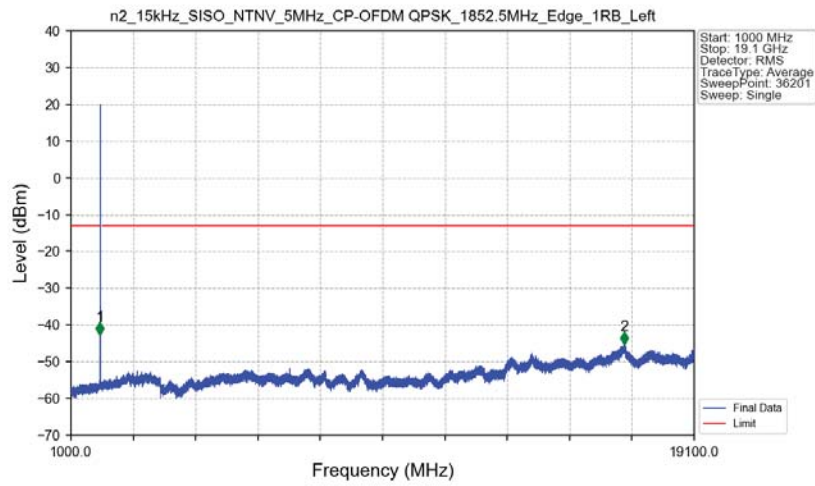
n2 15kHz SISO NTN 5MHz CP-OFDM QPSK 1852.5MHz Edge 1RB Left Ant3



n2 15kHz SISO NTN 5MHz CP-OFDM QPSK 1852.5MHz Edge 1RB Left Ant3

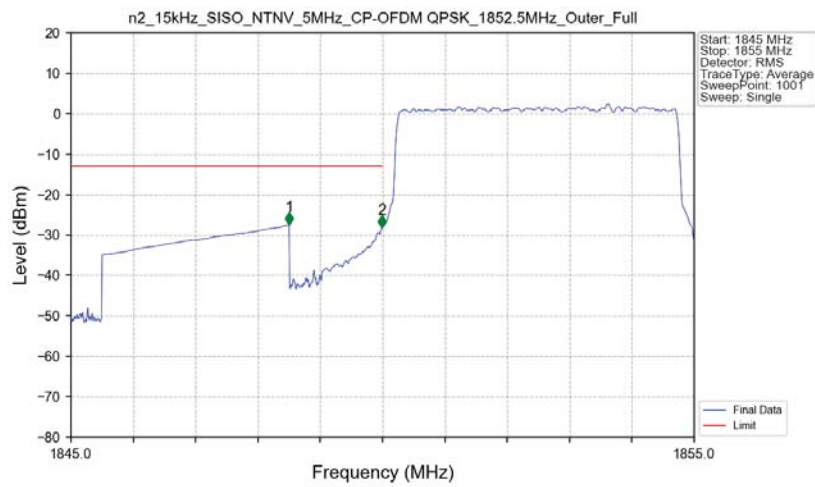


n2 15kHz SISO NTN 5MHz CP-OFDM QPSK 1852.5MHz Edge 1RB Left Ant3



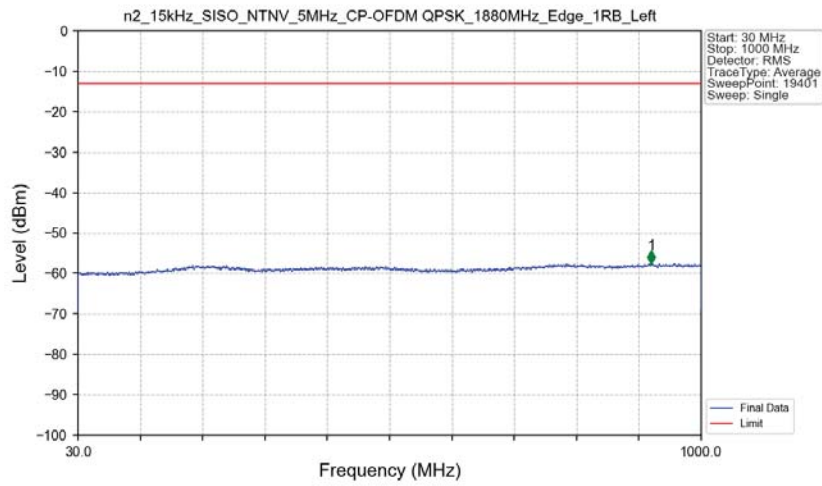
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1849	1	/	1	1843.000	-42.63	-13	Pass
1849	1915	1	/	/	/	/	/	/
1915	19100	1	/	2	17062.500	-45.24	-13	Pass

n2 15kHz SISO NTN 5MHz CP-OFDM QPSK 1852.5MHz Outer Full Ant3

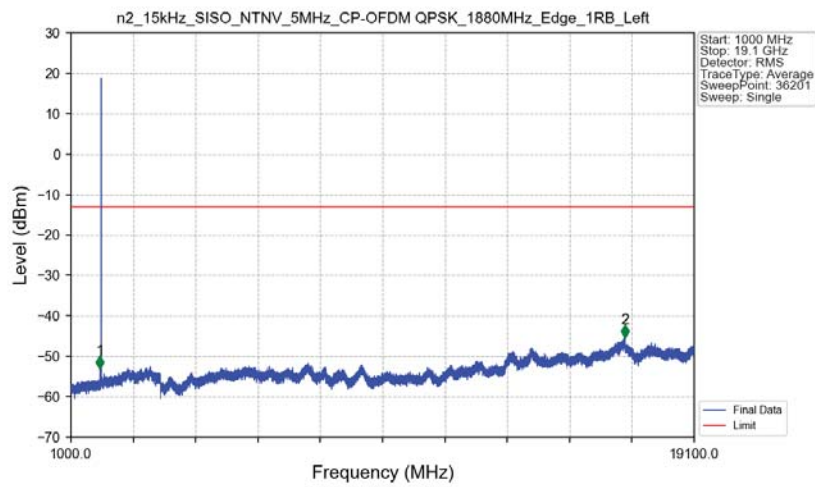


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1845	1849	1	CHP	1	1848.500	-27.55	-13	Pass
1849	1850	0.05341	CHP	2	1849.990	-28.16	-13	Pass
1850	1855	0.05341	CHP	/	/	/	/	/

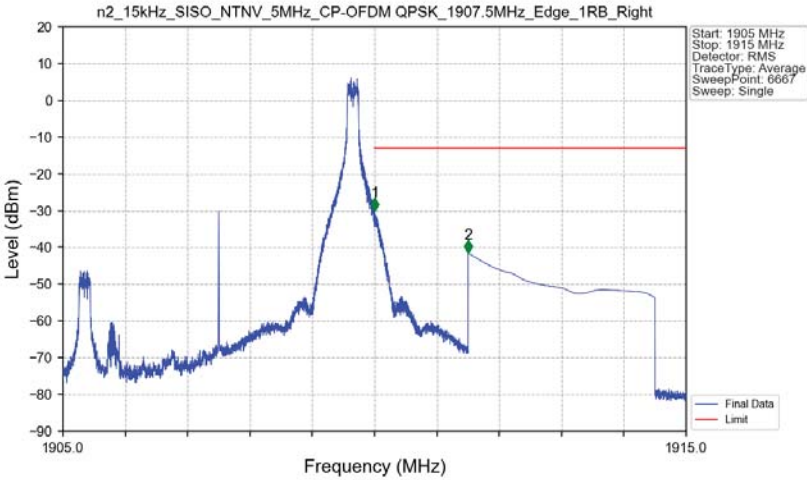
n2 15kHz SISO NTN 5MHz CP-OFDM QPSK 1880MHz Edge 1RB Left Ant3



n2 15kHz SISO NTN 5MHz CP-OFDM QPSK 1880MHz Edge 1RB Left Ant3

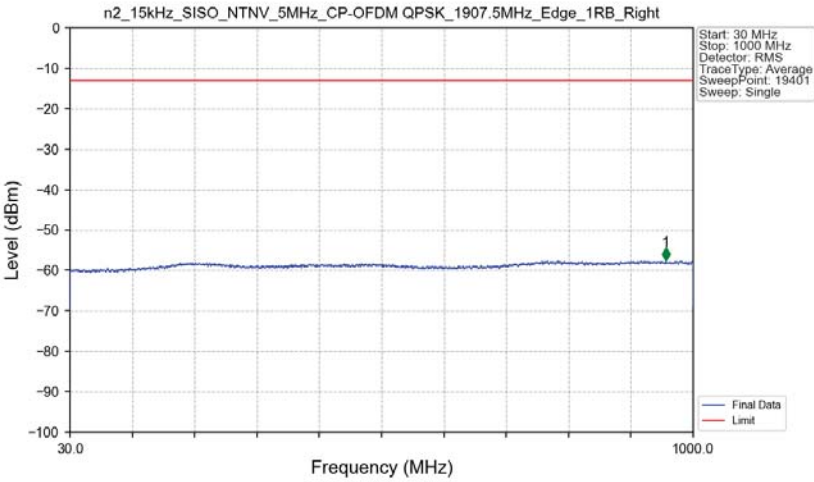


n2 15kHz SISO NTN 5MHz CP-OFDM QPSK 1907.5MHz Edge 1RB Right Ant3



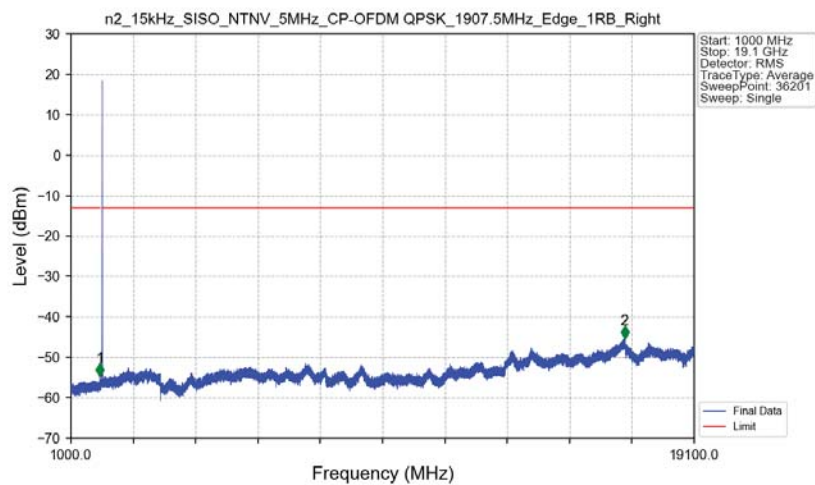
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1905	1910	0.003	/	/	/	/	/	/
1910	1911	0.003	/	1	1910.005	-30.07	-13	Pass
1911	1915	1	CHP	2	1911.500	-41.54	-13	Pass

n2 15kHz SISO NTN 5MHz CP-OFDM QPSK 1907.5MHz Edge 1RB Right Ant3



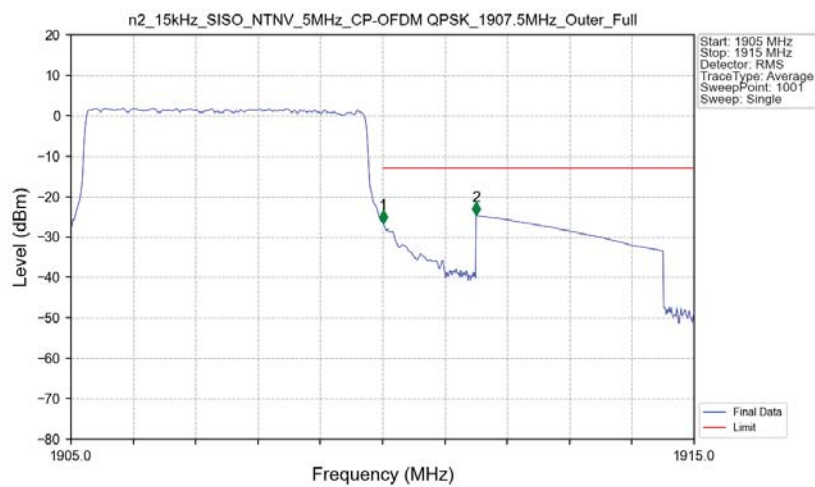
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	957.350	-57.53	-13	Pass

n2 15kHz SISO NTN 5MHz CP-OFDM QPSK 1907.5MHz Edge 1RB Right Ant3



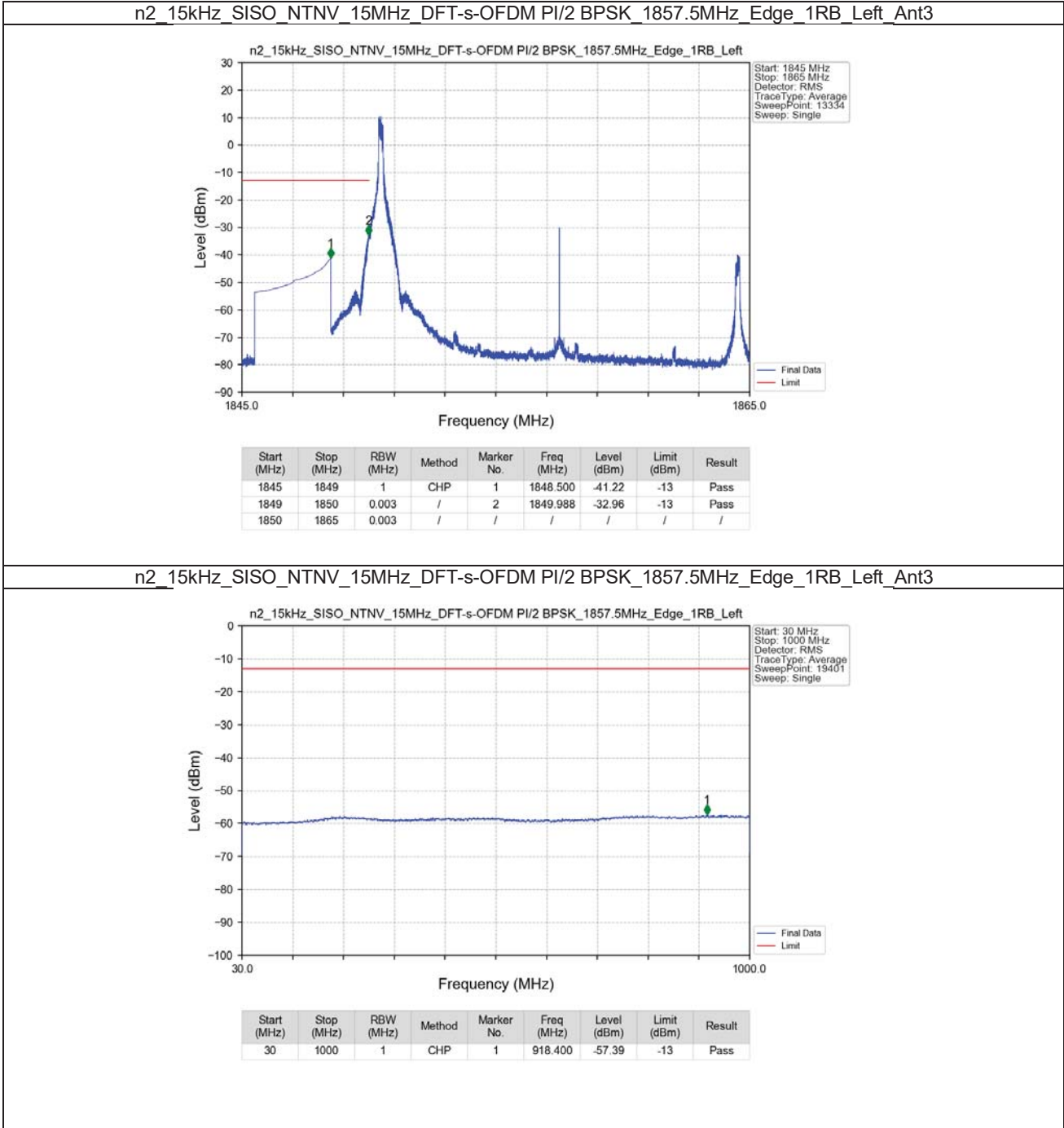
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1849	1	/	1	1843.000	-54.68	-13	Pass
1849	1915	1	/	/	/	/	/	/
1915	19100	1	/	2	17078.500	-45.28	-13	Pass

n2 15kHz SISO NTN 5MHz CP-OFDM QPSK 1907.5MHz Outer Full Ant3

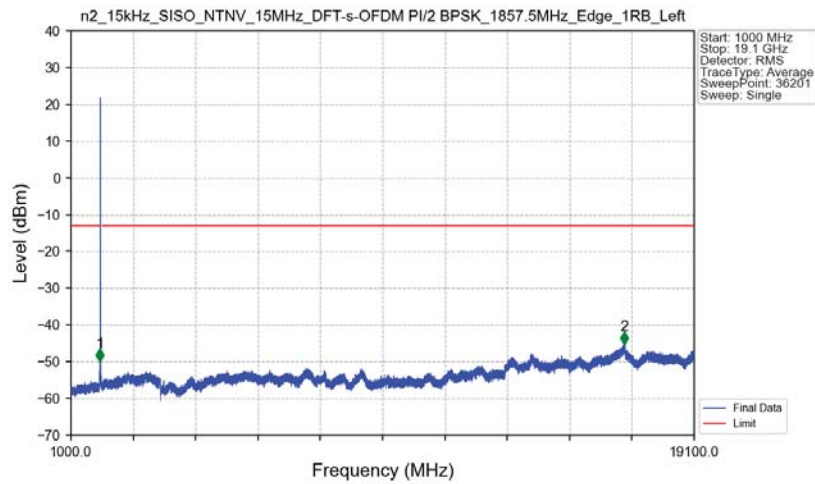


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1905	1910	0.05349	CHP	/	/	/	/	/
1910	1911	0.05349	CHP	1	1910.010	-26.57	-13	Pass
1911	1915	1	CHP	2	1911.500	-24.64	-13	Pass

5.2.2 15k_SISO_15MHz_NTNV

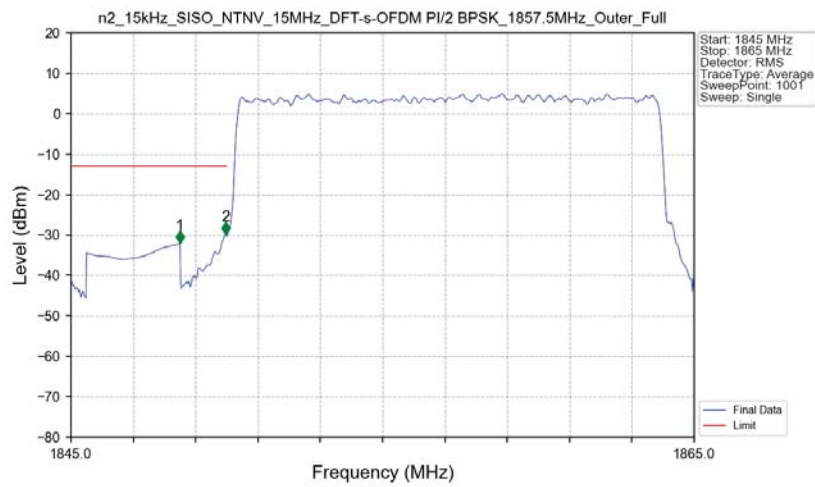


n2_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_1857.5MHz_Edge_1RB_Left_Ant3



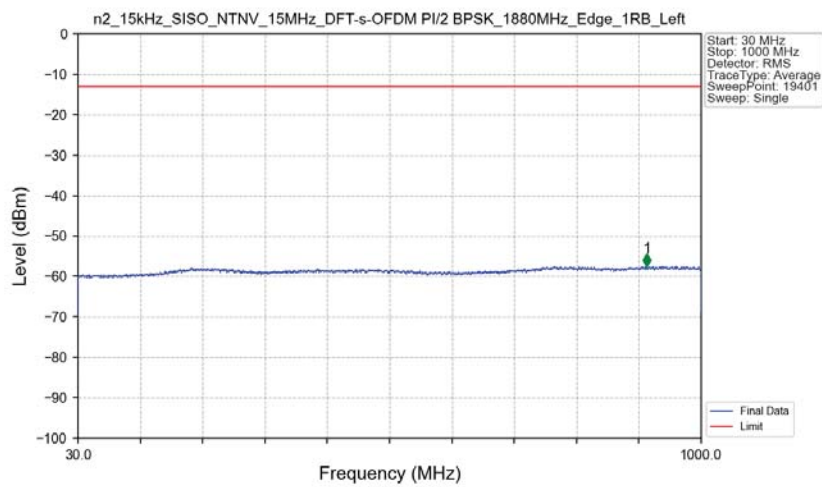
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1849	1	/	1	1843.000	-49.86	-13	Pass
1849	1915	1	/	/	/	/	/	/
1915	19100	1	/	2	17073.500	-45.37	-13	Pass

n2_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_1857.5MHz_Outer_Full_Ant3

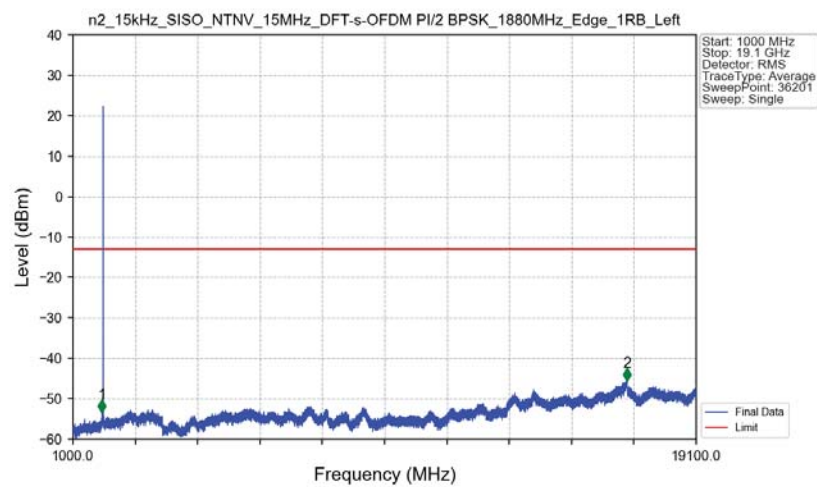


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1845	1849	1	CHP	1	1848.500	-32.08	-13	Pass
1849	1850	0.14876	CHP	2	1849.960	-29.91	-13	Pass
1850	1865	0.14876	CHP	/	/	/	/	/

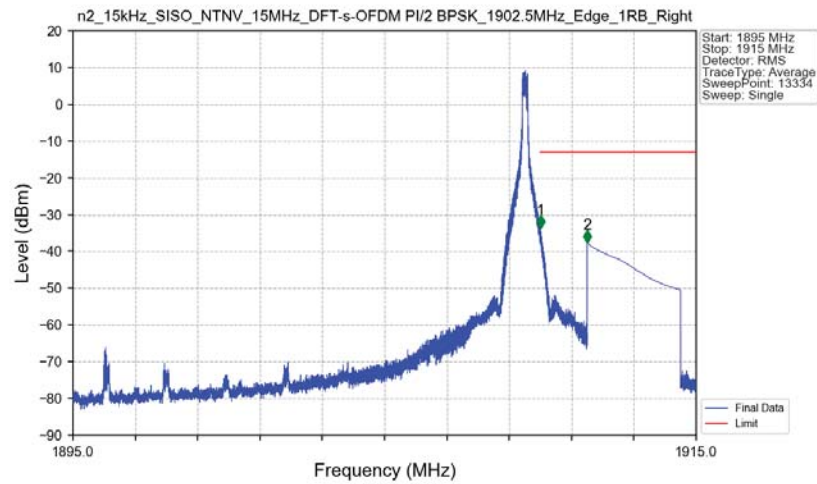
n2_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_1880MHz_Edge_1RB_Left_Ant3



n2_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_1880MHz_Edge_1RB_Left_Ant3

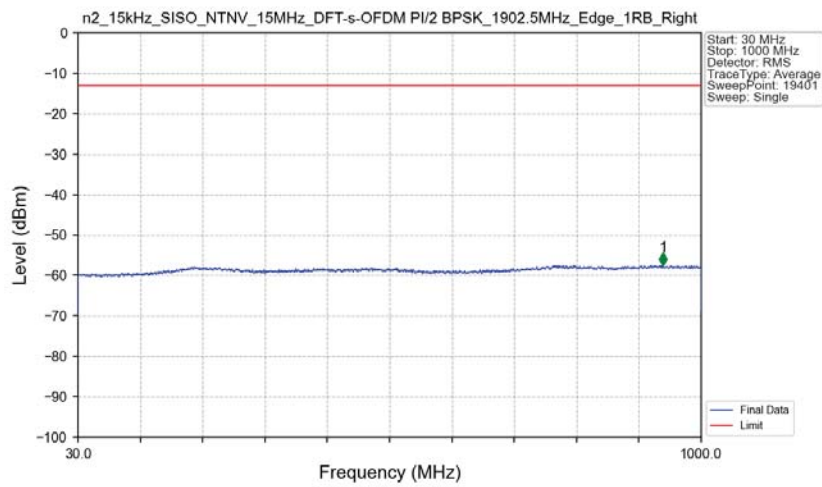


n2 15kHz SISO NTN 15MHz DFT-s-OFDM PI/2 BPSK 1902.5MHz Edge 1RB Right_Ant3



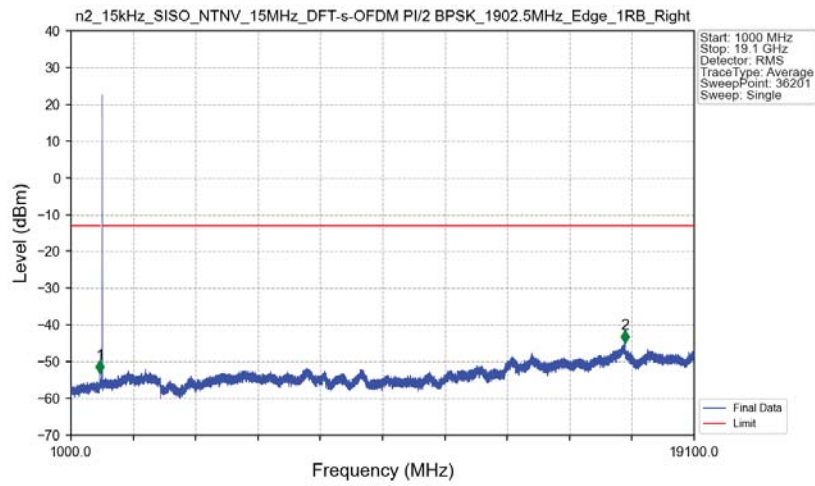
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1895	1910	0.003	/	/	/	/	/	/
1910	1911	0.003	/	1	1910.002	-33.54	-13	Pass
1911	1915	1	CHP	2	1911.500	-37.60	-13	Pass

n2 15kHz SISO NTN 15MHz DFT-s-OFDM PI/2 BPSK 1902.5MHz Edge 1RB Right_Ant3



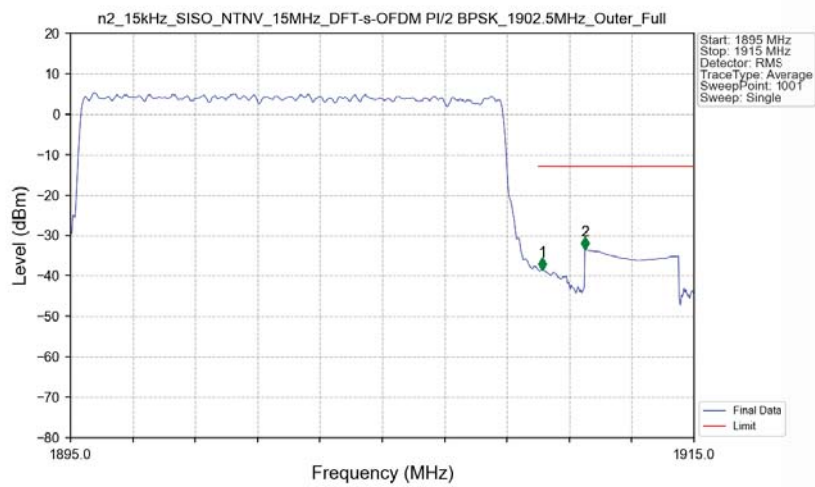
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	940.550	-57.50	-13	Pass

n2 15kHz SISO NTN 15MHz DFT-s-OFDM PI/2 BPSK 1902.5MHz Edge 1RB Right_Ant3



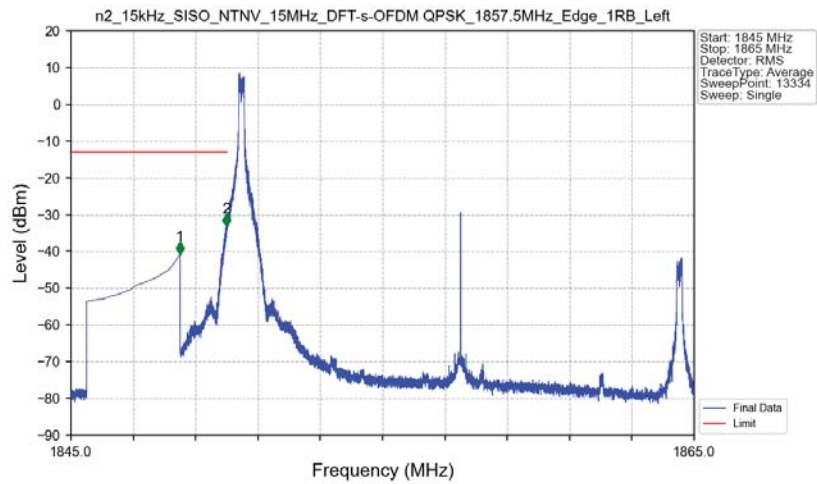
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1849	1	/	1	1843.000	-53.10	-13	Pass
1849	1915	1	/	/	/	/	/	/
1915	19100	1	/	2	17096.500	-44.87	-13	Pass

n2 15kHz SISO NTN 15MHz DFT-s-OFDM PI/2 BPSK 1902.5MHz Outer Full Ant3



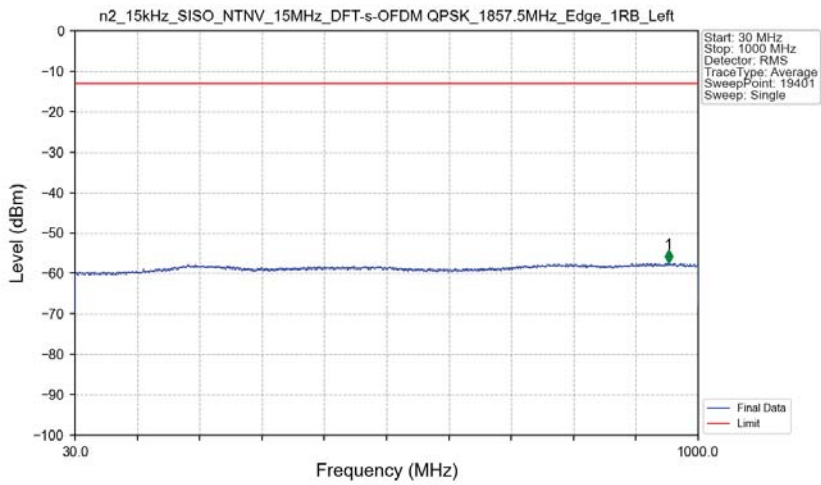
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1895	1910	0.15911	CHP	/	/	/	/	/
1910	1911	0.15911	CHP	1	1910.140	-38.56	-13	Pass
1911	1915	1	CHP	2	1911.500	-33.54	-13	Pass

n2 15kHz SISO NTN 15MHz DFT-s-OFDM QPSK 1857.5MHz Edge 1RB Left Ant3



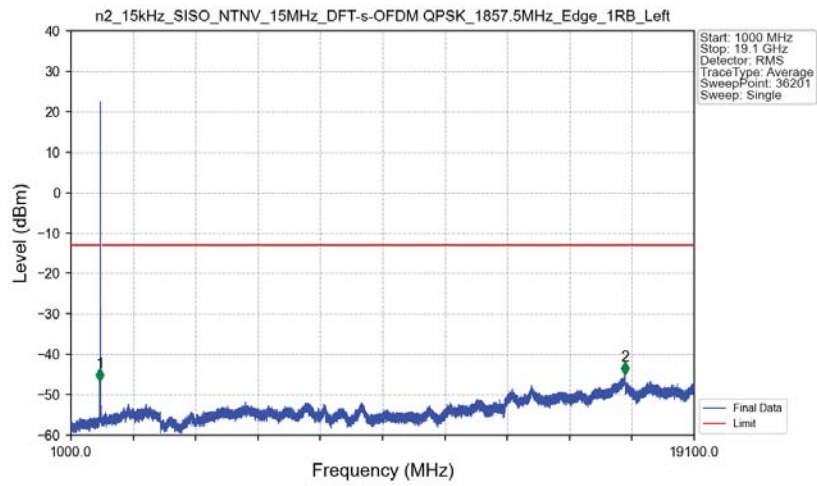
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1845	1849	1	CHP	1	1848.500	-40.88	-13	Pass
1849	1850	0.003	/	2	1849.998	-33.23	-13	Pass
1850	1865	0.003	/	/	/	/	/	/

n2 15kHz SISO NTN 15MHz DFT-s-OFDM QPSK 1857.5MHz Edge 1RB Left Ant3



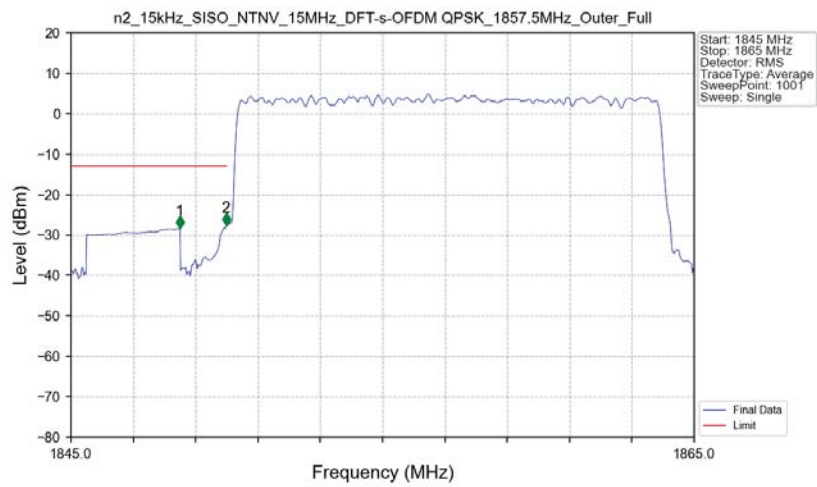
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	953.600	-57.35	-13	Pass

n2 15kHz SISO NTN 15MHz DFT-s-OFDM QPSK 1857.5MHz Edge 1RB Left Ant3



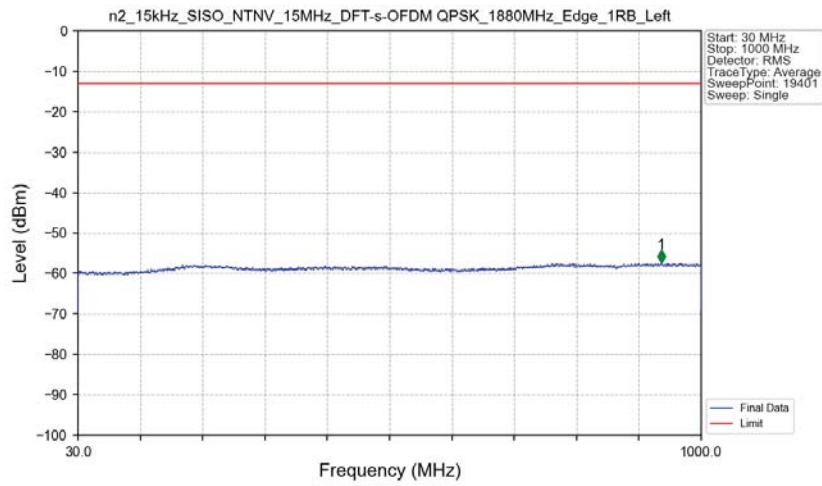
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1849	1	/	1	1836.000	-46.65	-13	Pass
1849	1915	1	/	/	/	/	/	/
1915	19100	1	/	2	17089.000	-44.97	-13	Pass

n2 15kHz SISO NTN 15MHz DFT-s-OFDM QPSK 1857.5MHz Outer Full Ant3

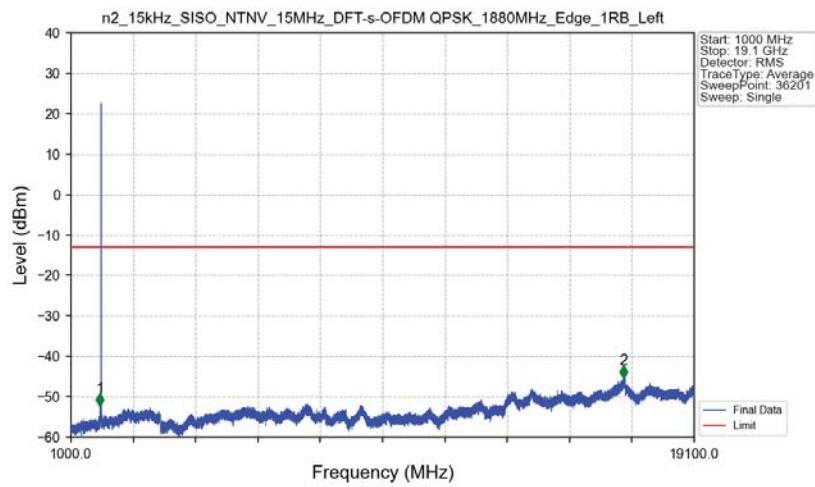


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1845	1849	1	CHP	1	1848.500	-28.42	-13	Pass
1849	1850	0.15528	CHP	2	1849.980	-27.68	-13	Pass
1850	1865	0.15528	CHP	/	/	/	/	/

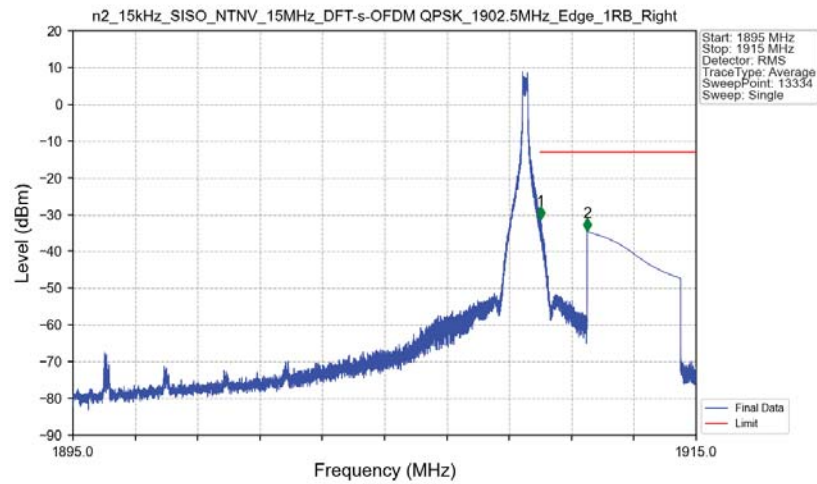
n2 15kHz SISO NTN 15MHz DFT-s-OFDM QPSK 1880MHz Edge 1RB Left Ant3



n2 15kHz SISO NTN 15MHz DFT-s-OFDM QPSK 1880MHz Edge 1RB Left Ant3

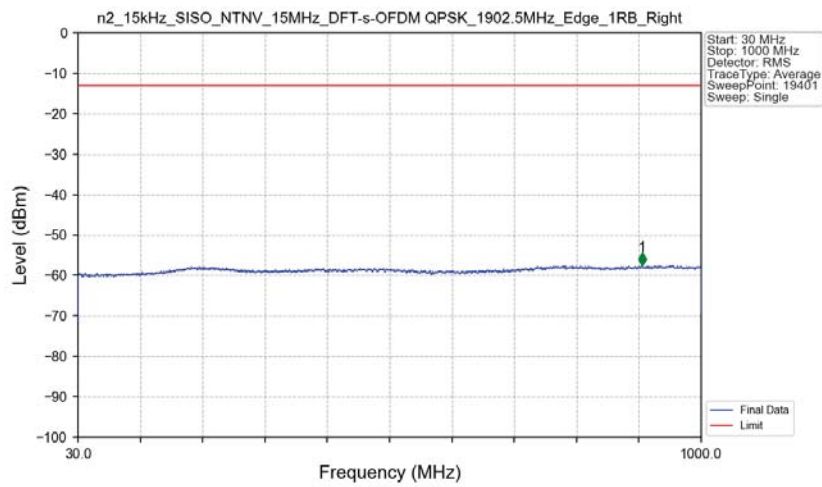


n2_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_1902.5MHz_Edge_1RB_Right_Ant3



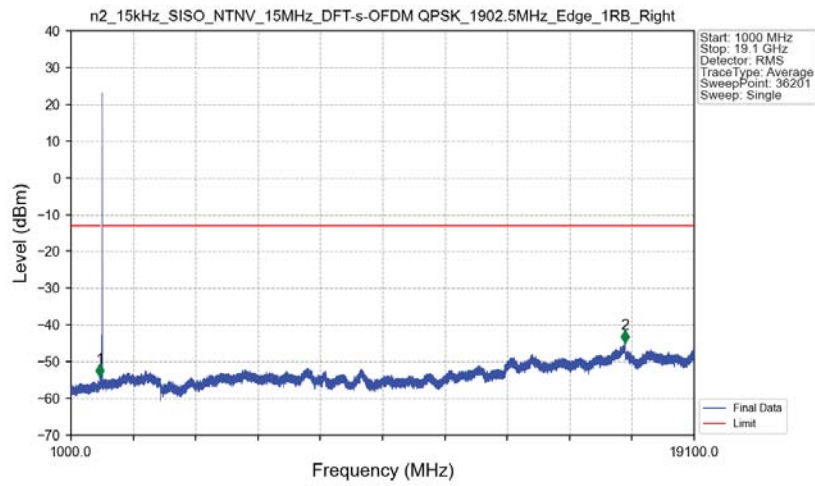
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1895	1910	0.003	/	/	/	/	/	/
1910	1911	0.003	/	1	1910.005	-31.31	-13	Pass
1911	1915	1	CHP	2	1911.500	-34.47	-13	Pass

n2_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_1902.5MHz_Edge_1RB_Right_Ant3



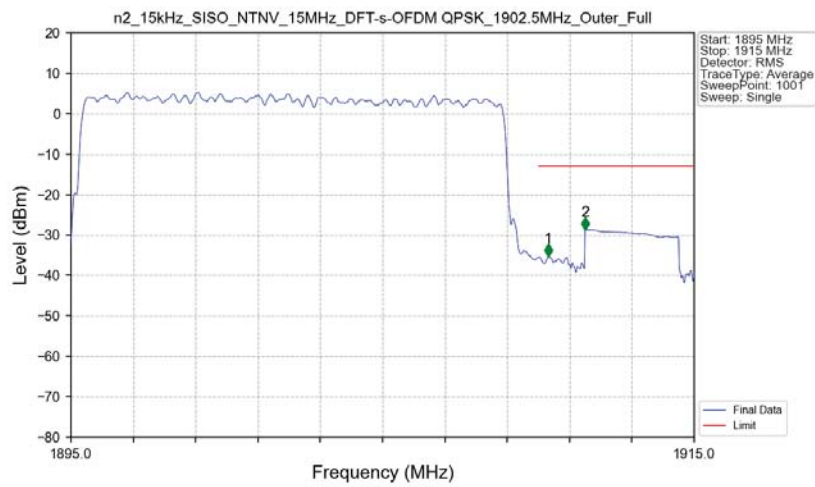
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	908.050	-57.53	-13	Pass

n2_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_1902.5MHz_Edge_1RB_Right_Ant3



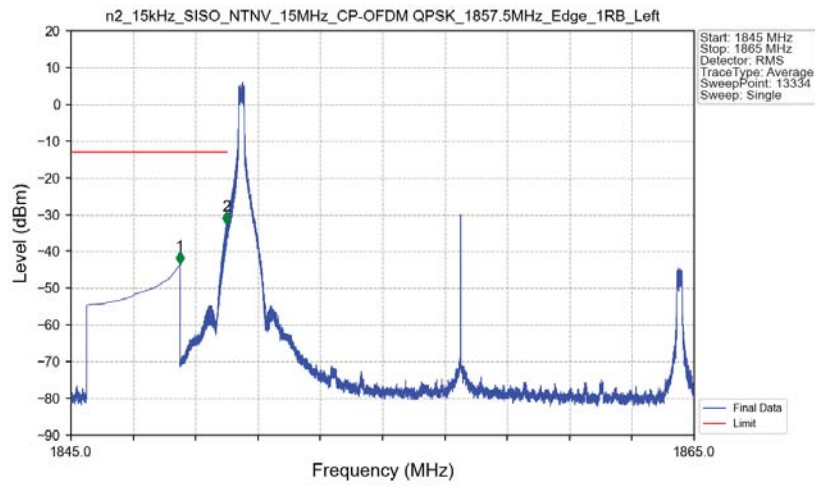
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1849	1	/	1	1842.500	-54.19	-13	Pass
1849	1915	1	/	/	/	/	/	/
1915	19100	1	/	2	17093.500	-44.86	-13	Pass

n2_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_1902.5MHz_Outer_Full_Ant3

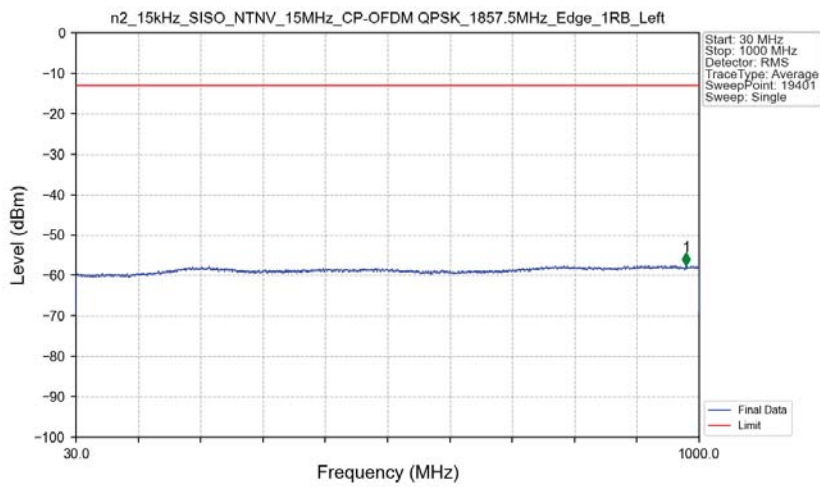


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1895	1910	0.15911	CHP	/	/	/	/	/
1910	1911	0.15911	CHP	1	1910.320	-35.36	-13	Pass
1911	1915	1	CHP	2	1911.500	-28.68	-13	Pass

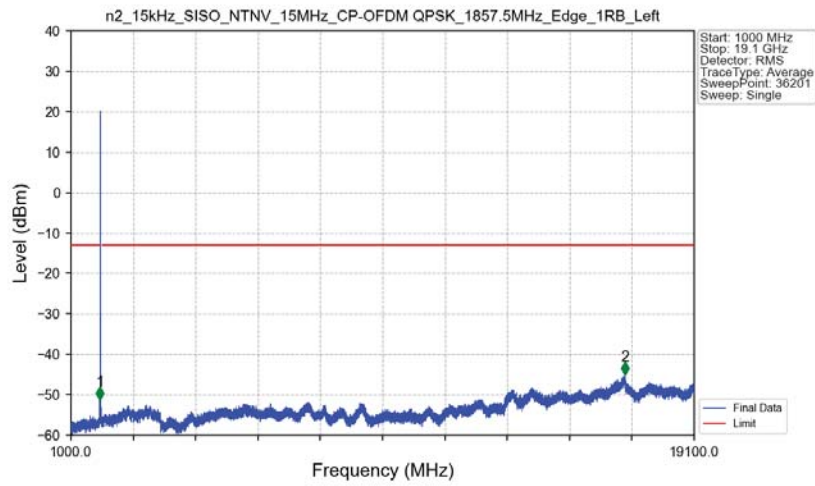
n2 15kHz SISO NTN 15MHz CP-OFDM QPSK 1857.5MHz Edge 1RB Left Ant3



n2 15kHz SISO NTN 15MHz CP-OFDM QPSK 1857.5MHz Edge 1RB Left Ant3

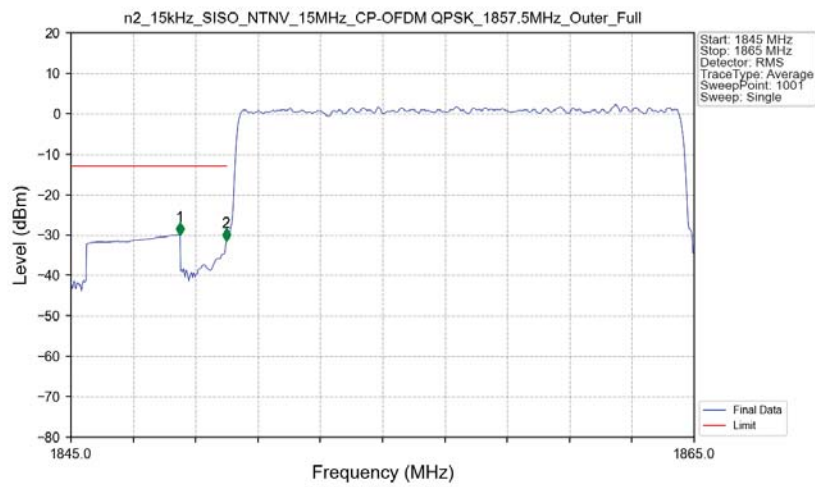


n2 15kHz SISO NTN 15MHz CP-OFDM QPSK 1857.5MHz Edge 1RB Left Ant3



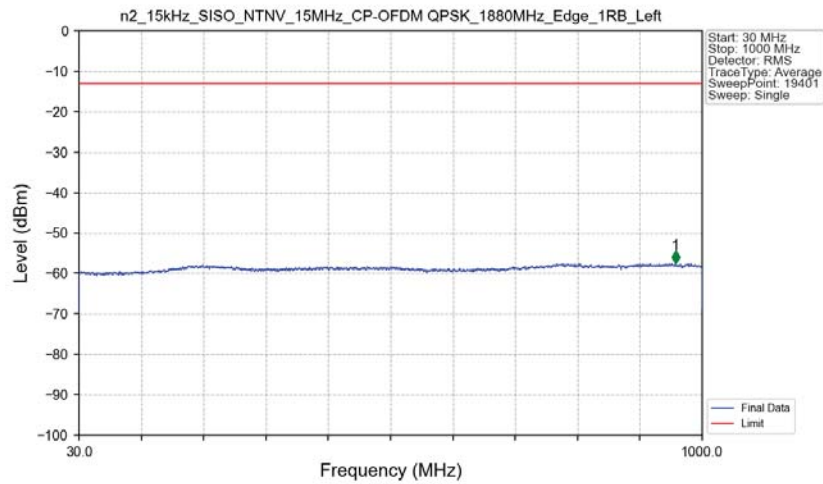
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1849	1	/	1	1843.000	-51.26	-13	Pass
1849	1915	1	/	/	/	/	/	/
1915	19100	1	/	2	17095.000	-45.09	-13	Pass

n2 15kHz SISO NTN 15MHz CP-OFDM QPSK 1857.5MHz Outer Full Ant3

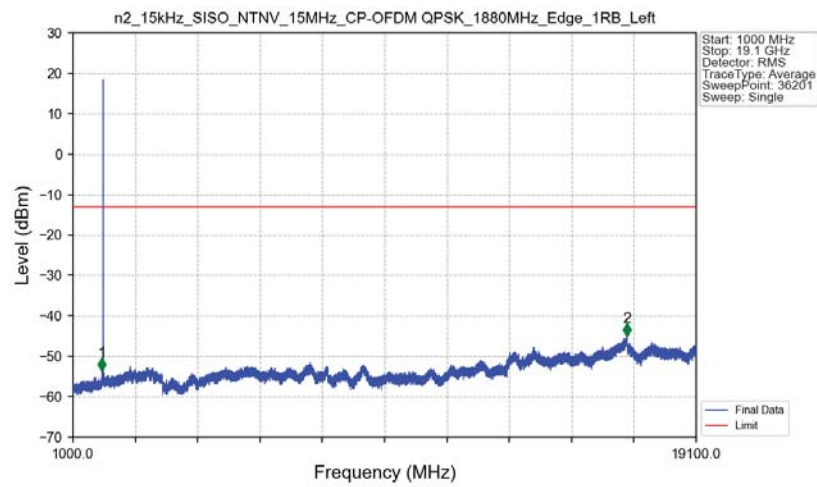


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1845	1849	1	CHP	1	1848.500	-30.00	-13	Pass
1849	1850	0.15528	CHP	2	1849.980	-31.51	-13	Pass
1850	1865	0.15528	CHP	/	/	/	/	/

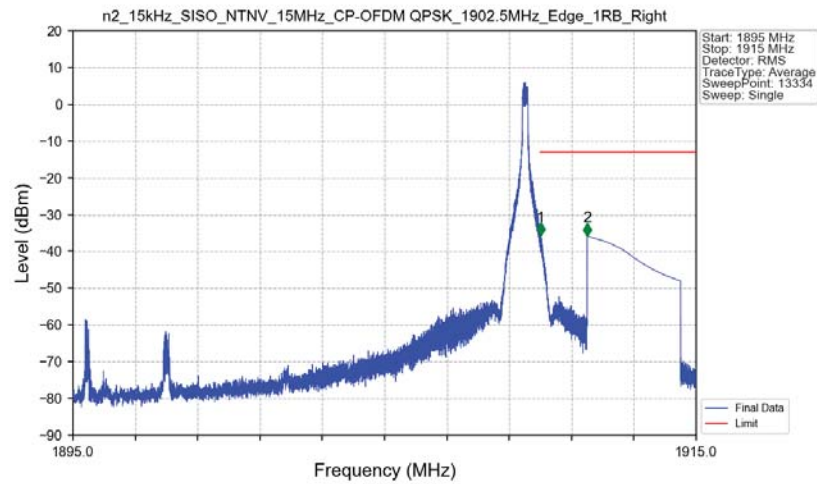
n2 15kHz SISO NTN 15MHz CP-OFDM QPSK 1880MHz Edge 1RB Left Ant3



n2 15kHz SISO NTN 15MHz CP-OFDM QPSK 1880MHz Edge 1RB Left Ant3

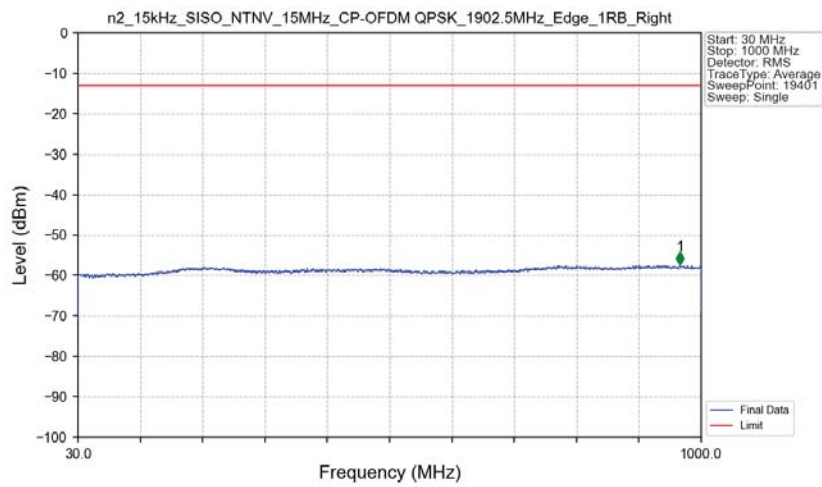


n2 15kHz SISO NTN 15MHz CP-OFDM QPSK 1902.5MHz Edge 1RB Right Ant3



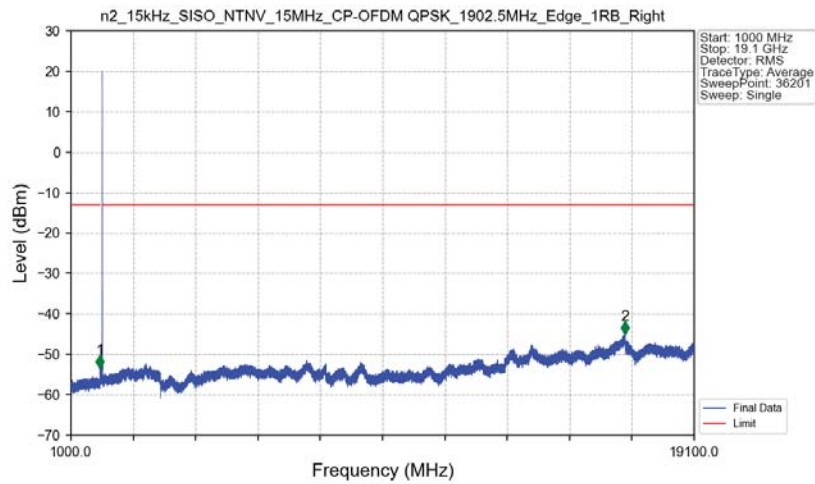
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1895	1910	0.003	/	/	/	/	/	/
1910	1911	0.003	/	1	1910.002	-35.65	-13	Pass
1911	1915	1	CHP	2	1911.500	-35.74	-13	Pass

n2 15kHz SISO NTN 15MHz CP-OFDM QPSK 1902.5MHz Edge 1RB Right Ant3



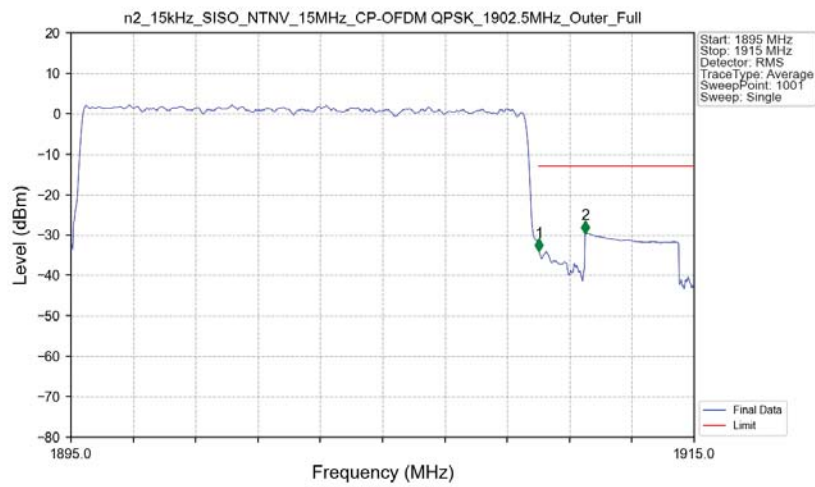
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	967.000	-57.37	-13	Pass

n2 15kHz SISO NTN 15MHz CP-OFDM QPSK 1902.5MHz Edge 1RB Right Ant3



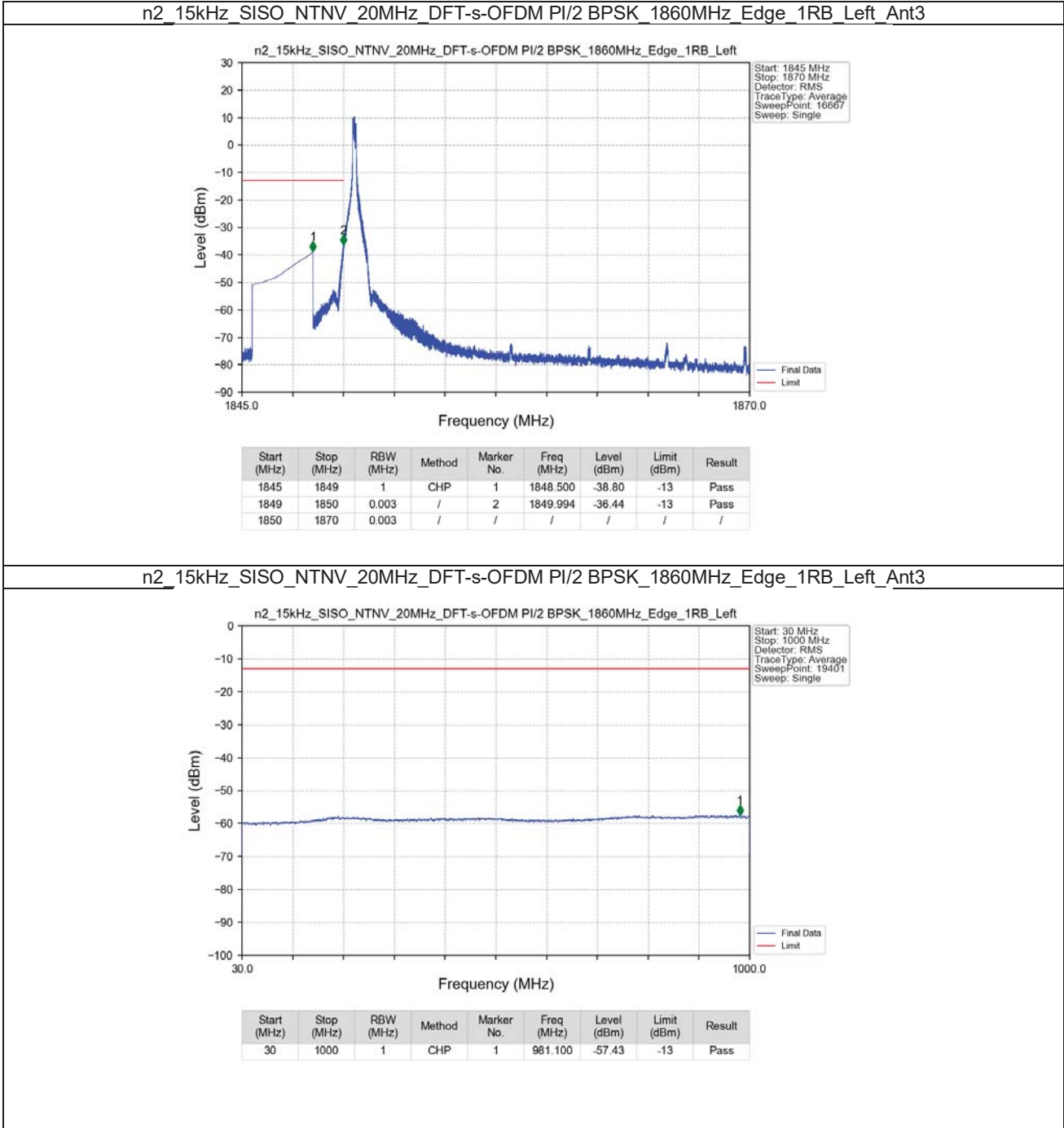
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1849	1	/	1	1843.000	-53.40	-13	Pass
1849	1915	1	/	/	/	/	/	/
1915	19100	1	/	2	17094.000	-45.07	-13	Pass

n2 15kHz SISO NTN 15MHz CP-OFDM QPSK 1902.5MHz Outer Full Ant3

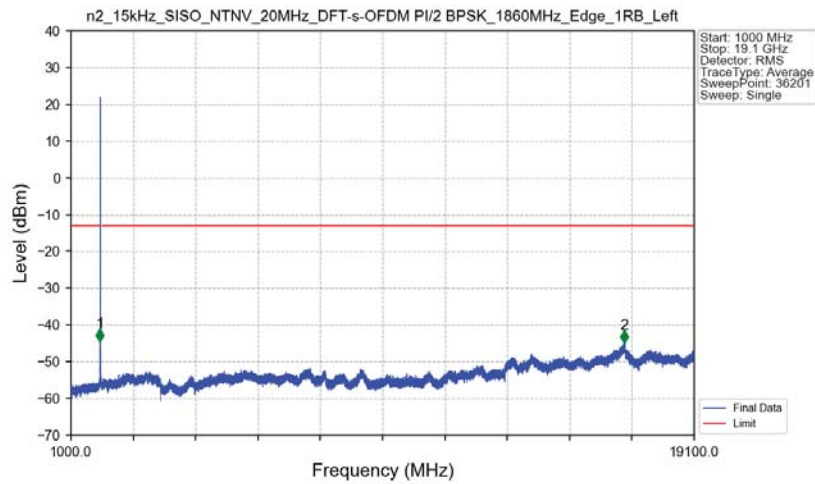


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1895	1910	0.15911	CHP	/	/	/	/	/
1910	1911	0.15911	CHP	1	1910.020	-34.05	-13	Pass
1911	1915	1	CHP	2	1911.500	-29.58	-13	Pass

5.2.3 15k_SISO_20MHz_NTNV

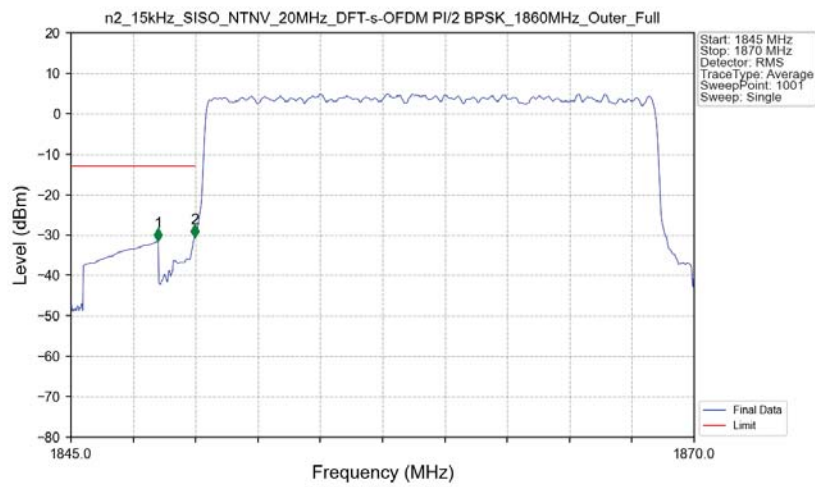


n2_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_1860MHz_Edge_1RB_Left_Ant3



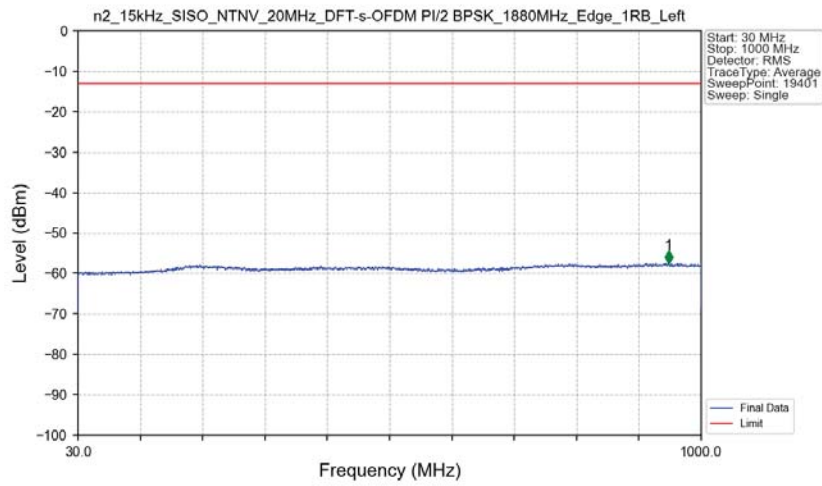
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1849	1	/	1	1843.000	-44.47	-13	Pass
1849	1915	1	/	/	/	/	/	/
1915	19100	1	/	2	17073.000	-44.88	-13	Pass

n2_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_1860MHz_Outer_Full_Ant3

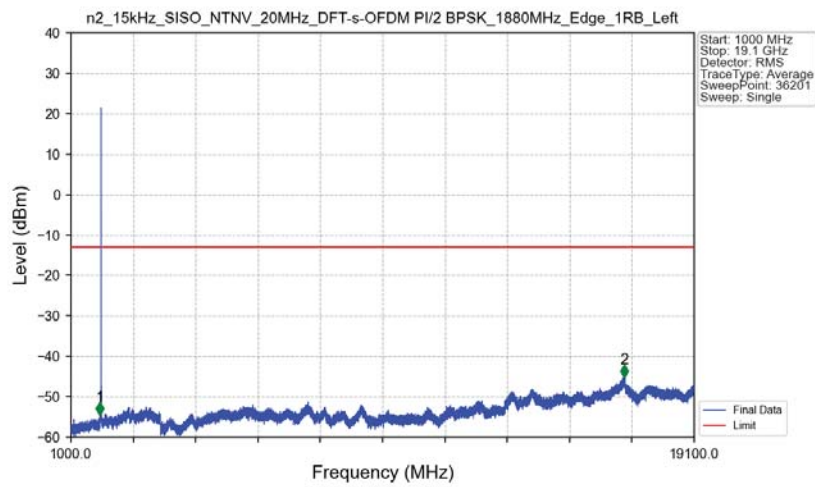


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1845	1849	1	CHP	1	1848.500	-31.45	-13	Pass
1849	1850	0.19537	CHP	2	1849.975	-30.52	-13	Pass
1850	1870	0.19537	CHP	/	/	/	/	/

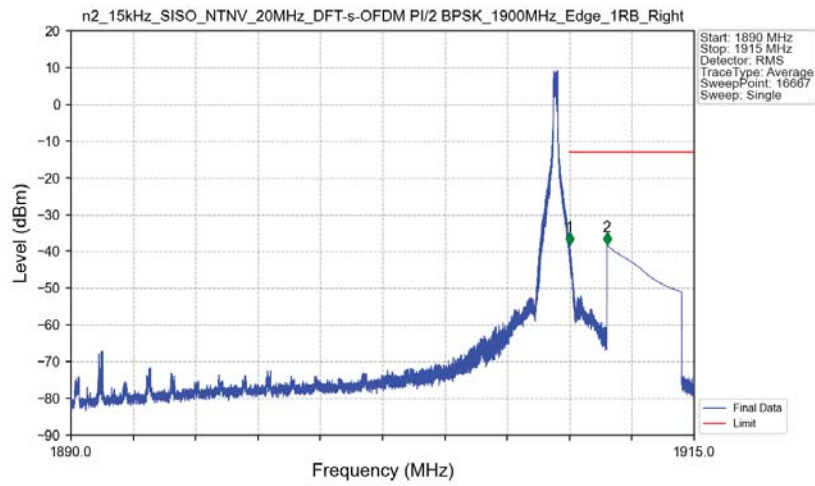
n2_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_1880MHz_Edge_1RB_Left_Ant3



n2_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_1880MHz_Edge_1RB_Left_Ant3

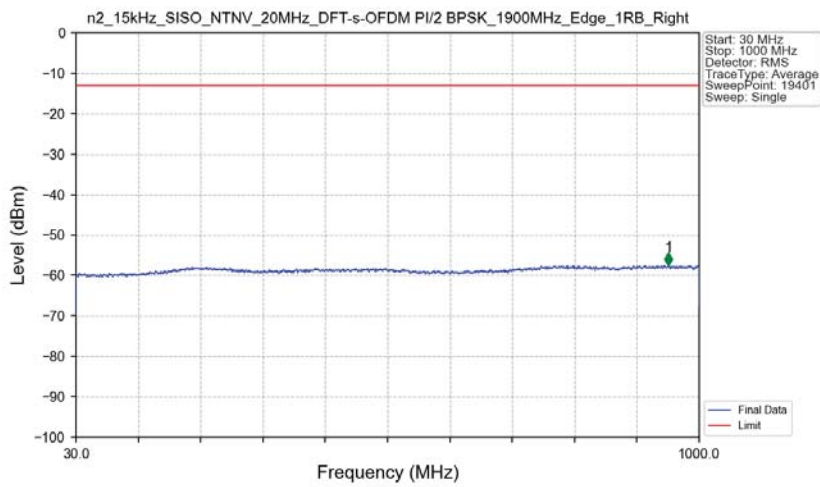


n2_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_1900MHz_Edge_1RB_Right_Ant3



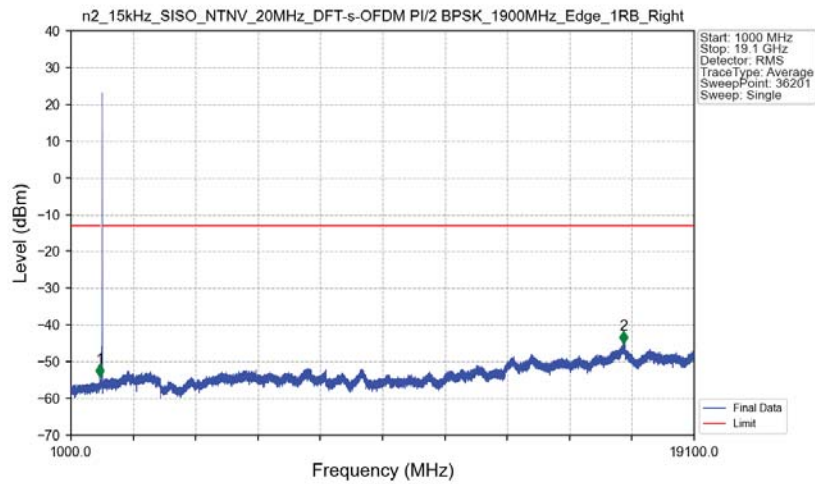
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1890	1910	0.003	/	/	/	/	/	/
1910	1911	0.003	/	1	1910.002	-38.28	-13	Pass
1911	1915	1	CHP	2	1911.500	-38.21	-13	Pass

n2_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_1900MHz_Edge_1RB_Right_Ant3



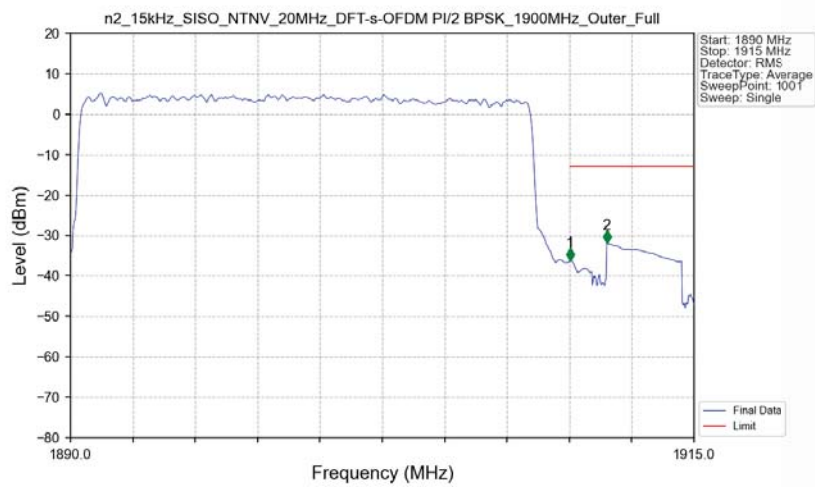
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	952.250	-57.50	-13	Pass

n2_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_1900MHz_Edge_1RB_Right_Ant3



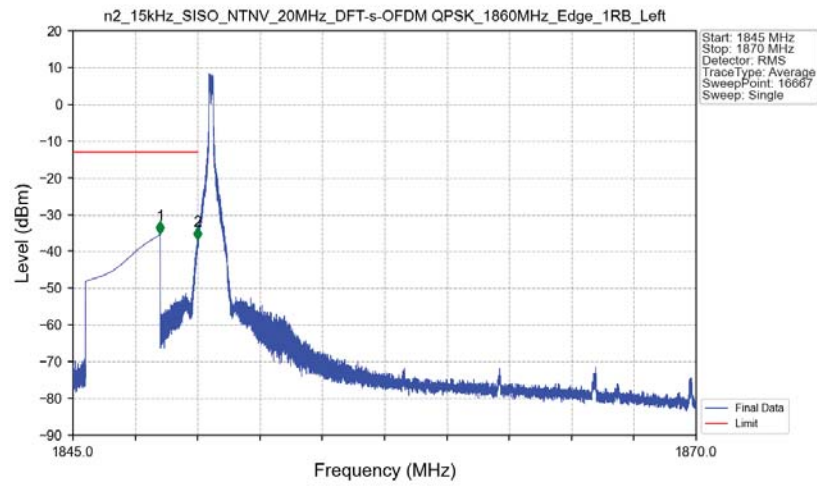
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1849	1	/	1	1843.000	-54.04	-13	Pass
1849	1915	1	/	/	/	/	/	/
1915	19100	1	/	2	17042.500	-45.06	-13	Pass

n2_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_1900MHz_Outer_Full_Ant3

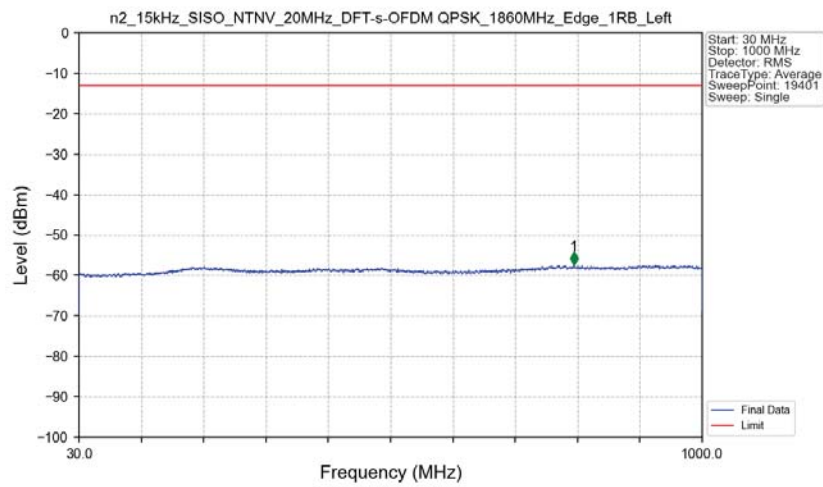


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1890	1910	0.19638	CHP	/	/	/	/	/
1910	1911	0.19638	CHP	1	1910.025	-36.15	-13	Pass
1911	1915	1	CHP	2	1911.500	-31.91	-13	Pass

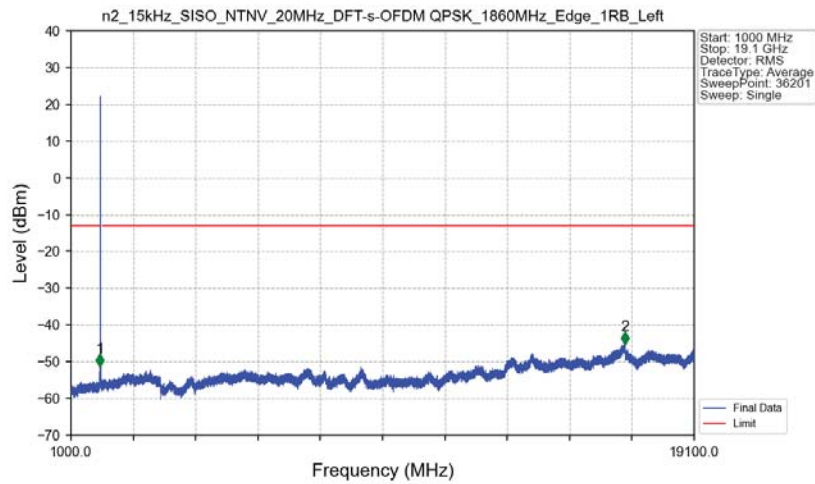
n2 15kHz SISO NTN 20MHz DFT-s-OFDM QPSK 1860MHz Edge 1RB Left Ant3



n2 15kHz SISO NTN 20MHz DFT-s-OFDM QPSK 1860MHz Edge 1RB Left Ant3

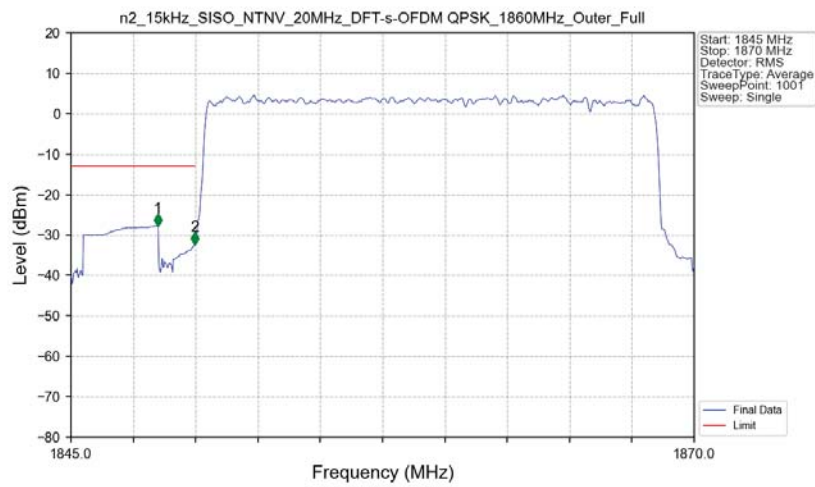


n2 15kHz SISO NTN 20MHz DFT-s-OFDM QPSK 1860MHz Edge 1RB Left Ant3



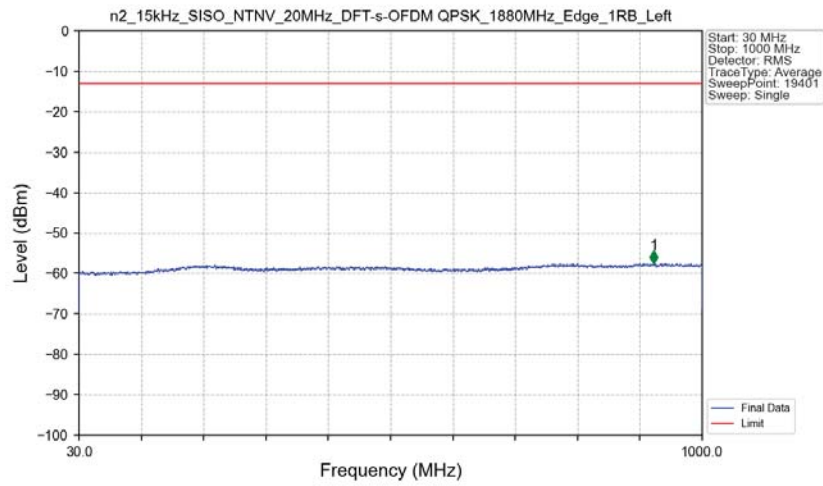
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1849	1	/	1	1843.000	-51.40	-13	Pass
1849	1915	1	/	/	/	/	/	/
1915	19100	1	/	2	17098.500	-45.30	-13	Pass

n2 15kHz SISO NTN 20MHz DFT-s-OFDM QPSK 1860MHz Outer Full Ant3

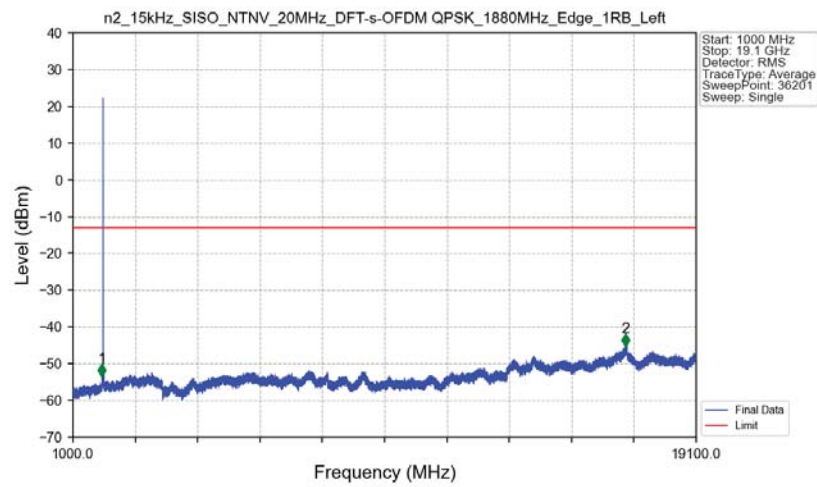


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1845	1849	1	CHP	1	1848.475	-27.83	-13	Pass
1849	1850	0.19537	CHP	2	1849.975	-32.36	-13	Pass
1850	1870	0.19537	CHP	/	/	/	/	/

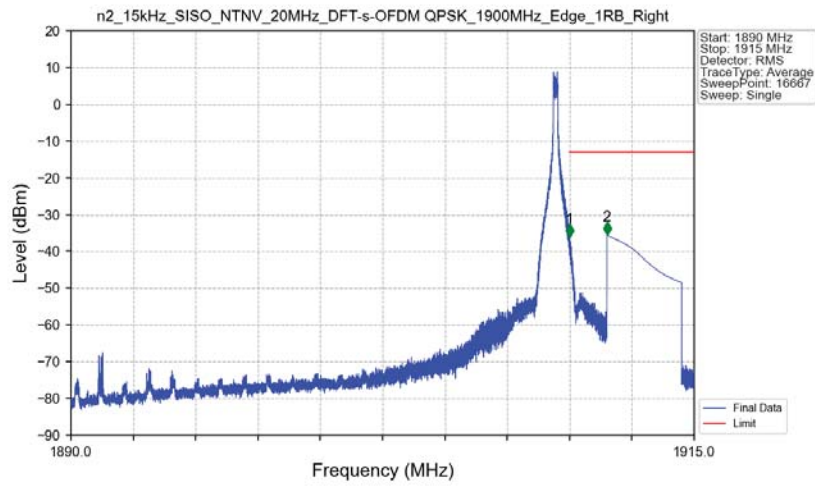
n2 15kHz SISO NTN 20MHz DFT-s-OFDM QPSK 1880MHz Edge 1RB Left Ant3



n2 15kHz SISO NTN 20MHz DFT-s-OFDM QPSK 1880MHz Edge 1RB Left Ant3

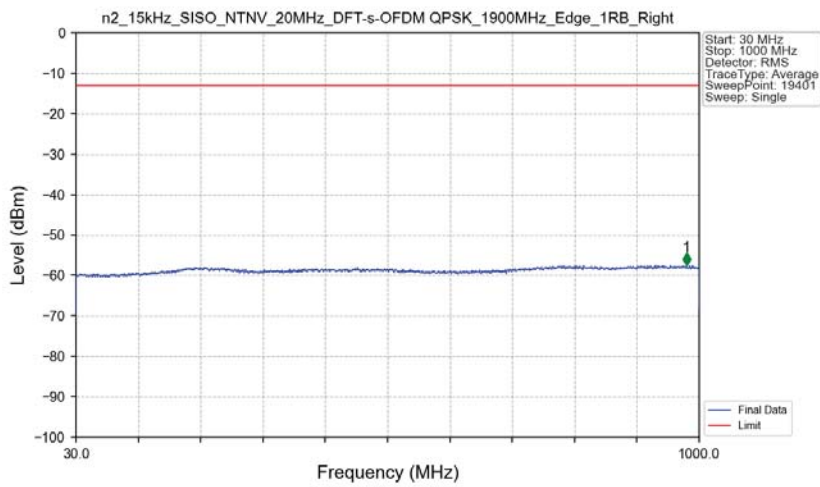


n2_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_1900MHz_Edge_1RB_Right_Ant3



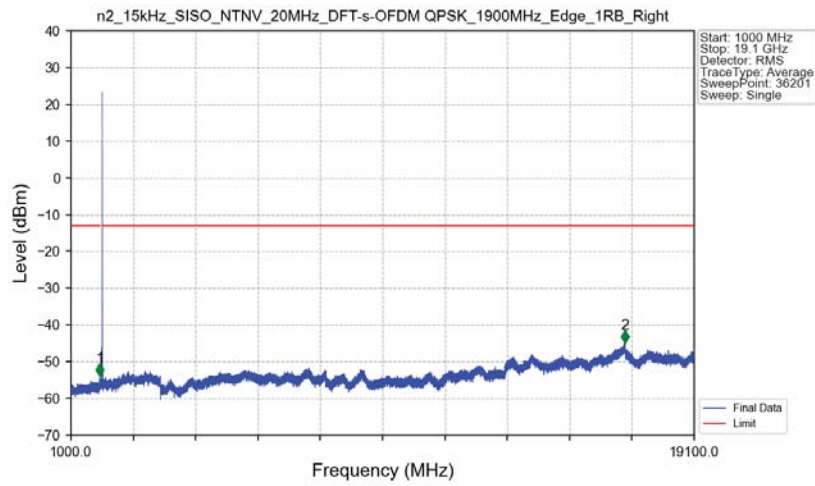
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1890	1910	0.003	/	/	/	/	/	/
1910	1911	0.003	/	1	1910.005	-36.07	-13	Pass
1911	1915	1	CHP	2	1911.500	-35.45	-13	Pass

n2_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_1900MHz_Edge_1RB_Right_Ant3



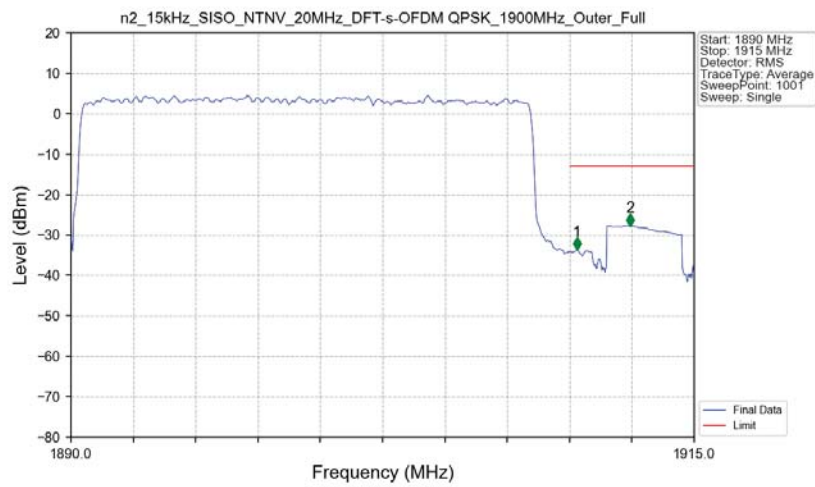
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	980.100	-57.42	-13	Pass

n2_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_1900MHz_Edge_1RB_Right_Ant3



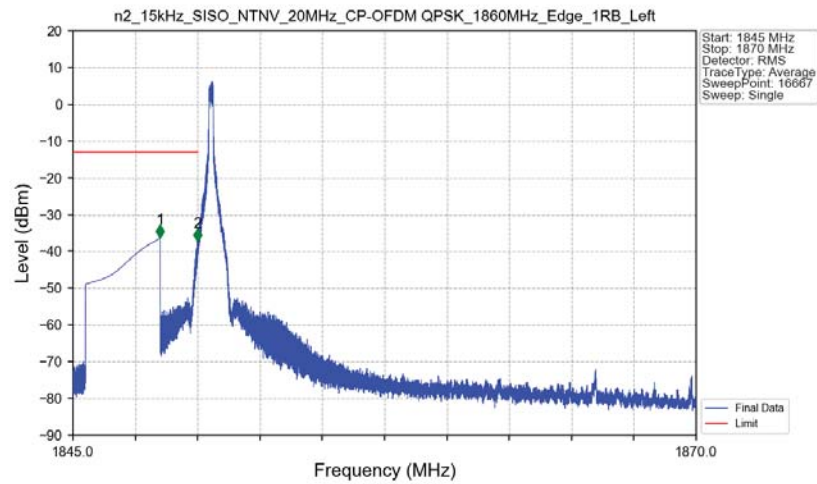
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1849	1	/	1	1842.500	-53.96	-13	Pass
1849	1915	1	/	/	/	/	/	/
1915	19100	1	/	2	17083.500	-44.93	-13	Pass

n2_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_1900MHz_Outer_Full_Ant3



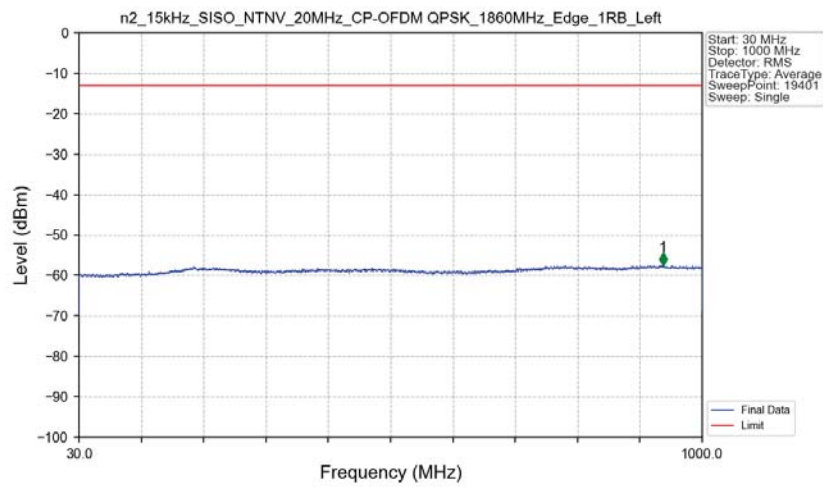
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1890	1910	0.19638	CHP	/	/	/	/	/
1910	1911	0.19638	CHP	1	1910.300	-33.72	-13	Pass
1911	1915	1	CHP	2	1912.425	-27.76	-13	Pass

n2 15kHz SISO NTN 20MHz CP-OFDM QPSK 1860MHz Edge 1RB Left Ant3



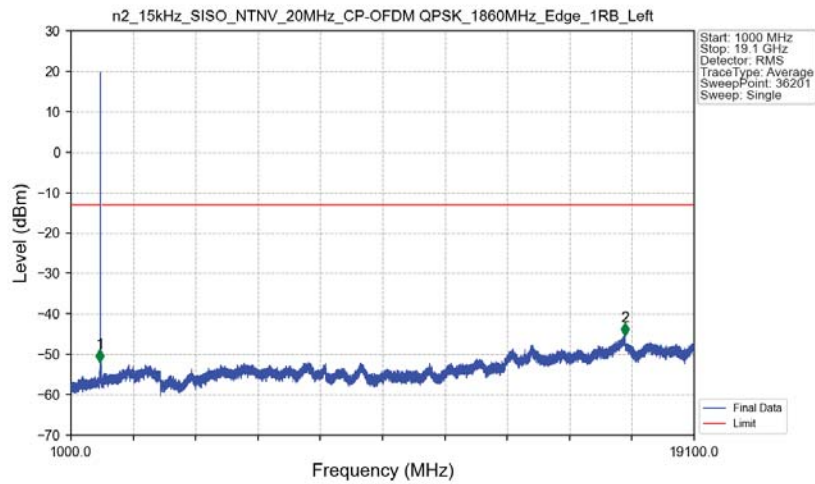
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1845	1849	1	CHP	1	1848.494	-36.33	-13	Pass
1849	1850	0.003	/	2	1849.994	-37.20	-13	Pass
1850	1870	0.003	/	/	/	/	/	/

n2 15kHz SISO NTN 20MHz CP-OFDM QPSK 1860MHz Edge 1RB Left Ant3



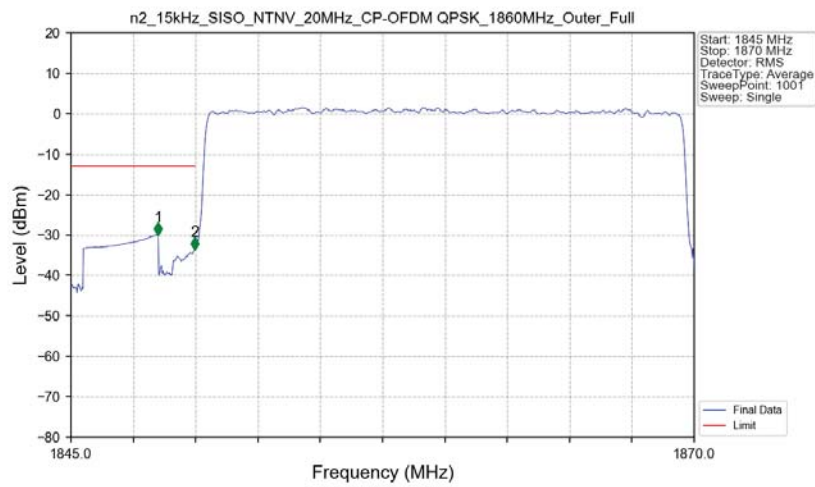
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	938.750	-57.58	-13	Pass

n2 15kHz SISO NTN 20MHz CP-OFDM QPSK 1860MHz Edge 1RB Left Ant3



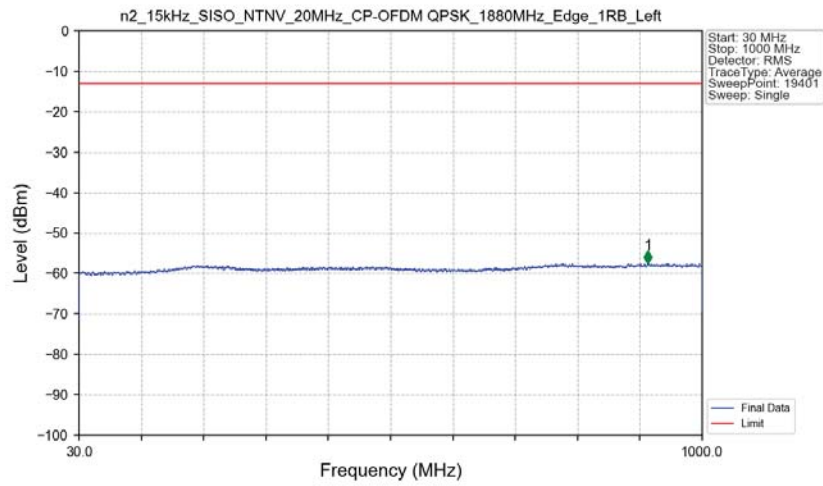
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1849	1	/	1	1843.000	-52.00	-13	Pass
1849	1915	1	/	/	/	/	/	/
1915	19100	1	/	2	17097.500	-45.29	-13	Pass

n2 15kHz SISO NTN 20MHz CP-OFDM QPSK 1860MHz Outer Full Ant3

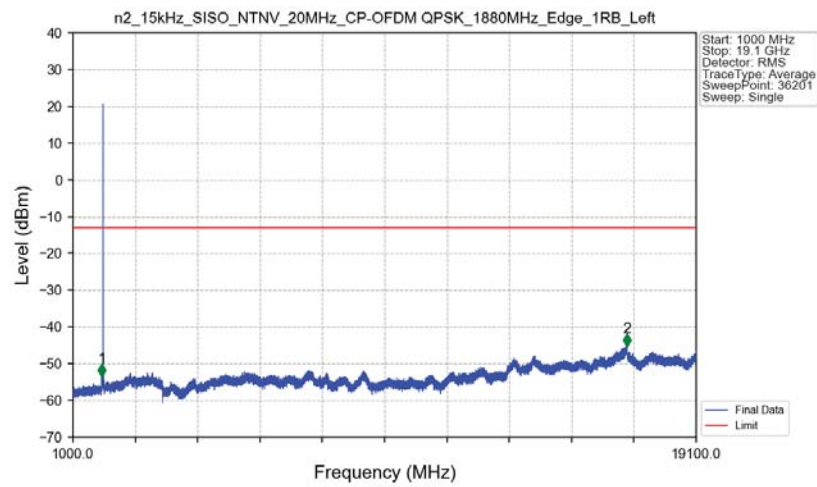


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1845	1849	1	CHP	1	1848.500	-29.99	-13	Pass
1849	1850	0.19537	CHP	2	1849.975	-33.67	-13	Pass
1850	1870	0.19537	CHP	/	/	/	/	/

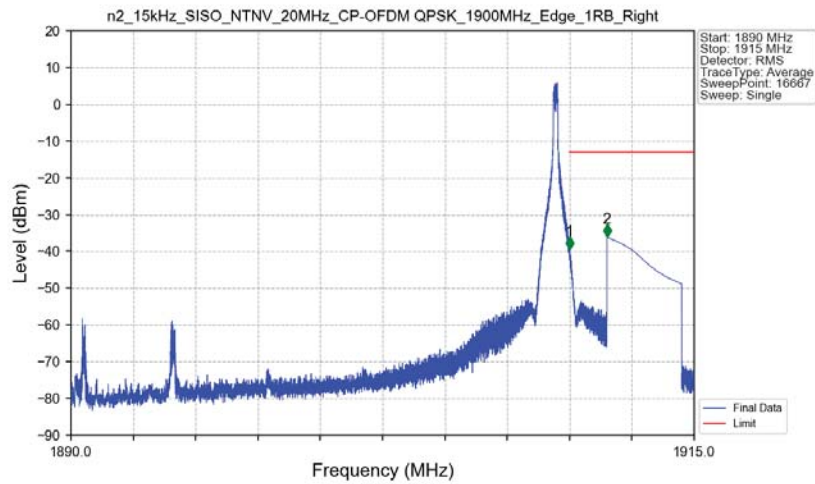
n2 15kHz SISO NTN 20MHz CP-OFDM QPSK 1880MHz Edge 1RB Left Ant3



n2 15kHz SISO NTN 20MHz CP-OFDM QPSK 1880MHz Edge 1RB Left Ant3

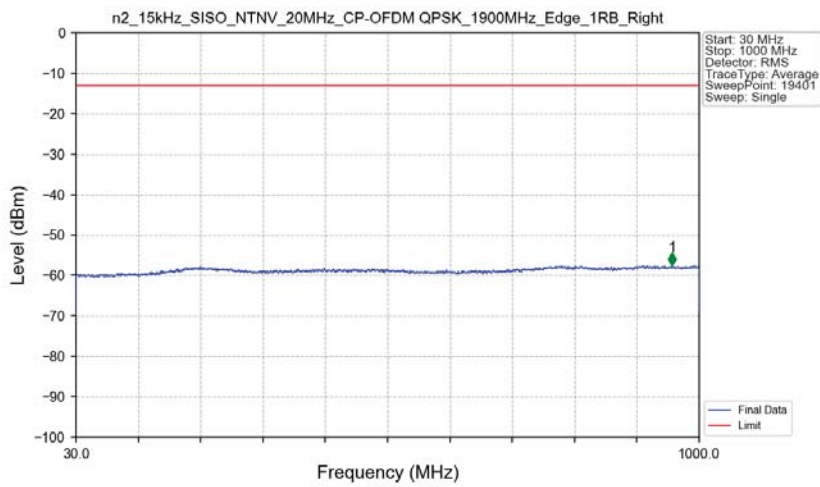


n2 15kHz SISO NTN 20MHz CP-OFDM QPSK 1900MHz Edge 1RB Right Ant3



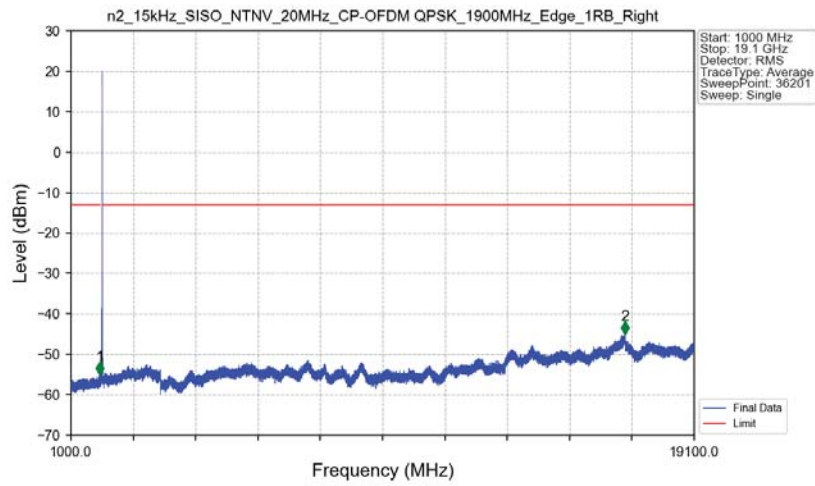
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1890	1910	0.003	/	/	/	/	/	/
1910	1911	0.003	/	1	1910.033	-39.45	-13	Pass
1911	1915	1	CHP	2	1911.500	-36.12	-13	Pass

n2 15kHz SISO NTN 20MHz CP-OFDM QPSK 1900MHz Edge 1RB Right Ant3



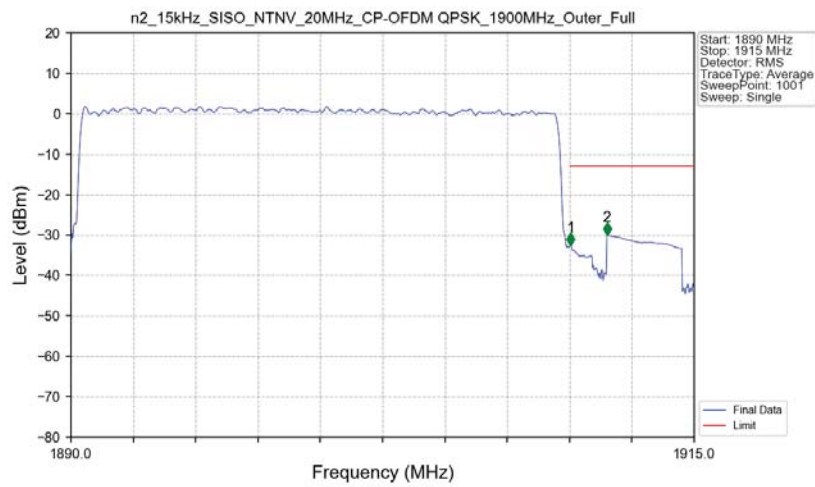
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	957.650	-57.52	-13	Pass

n2 15kHz SISO NTN 20MHz CP-OFDM QPSK 1900MHz Edge 1RB Right Ant3



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1849	1	/	1	1843.000	-54.98	-13	Pass
1849	1915	1	/	/	/	/	/	/
1915	19100	1	/	2	17092.500	-44.98	-13	Pass

n2 15kHz SISO NTN 20MHz CP-OFDM QPSK 1900MHz Outer Full Ant3



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1890	1910	0.19638	CHP	/	/	/	/	/
1910	1911	0.19638	CHP	1	1910.050	-32.54	-13	Pass
1911	1915	1	CHP	2	1911.500	-29.96	-13	Pass

6. Field Strength of Spurious Radiation

NR N2 ANT3-Low channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#1								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
3702.0	-66.44	-13	-53.44	-71.3	3.58	8.44	Horizontal	Pass
5553.0	-62.69	-13	-49.69	-68.4	4.74	10.45	Horizontal	Pass
7404.0	-61.16	-13	-48.16	-67.84	4.94	11.62	Horizontal	Pass
3702.0	-66.15	-13	-53.15	-71.01	3.58	8.44	Vertical	Pass
5553.0	-62.6	-13	-49.6	-68.31	4.74	10.45	Vertical	Pass
7404.0	-60.85	-13	-47.85	-67.53	4.94	11.62	Vertical	Pass

NR N2 ANT3-Middle channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#1								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
3742.0	-66.78	-13	-53.78	-71.66	3.61	8.49	Horizontal	Pass
5613.0	-62.64	-13	-49.64	-68.35	4.74	10.45	Horizontal	Pass
7484.0	-60.63	-13	-47.63	-67.41	4.94	11.72	Horizontal	Pass
3742.0	-66.52	-13	-53.52	-71.4	3.61	8.49	Vertical	Pass
5613.0	-62.46	-13	-49.46	-68.17	4.74	10.45	Vertical	Pass
7484.0	-60.88	-13	-47.88	-67.66	4.94	11.72	Vertical	Pass

NR N2 ANT3-High channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#1								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
3782.0	-65.96	-13	-52.96	-70.86	3.65	8.55	Horizontal	Pass
5673.0	-62.52	-13	-49.52	-68.22	4.75	10.45	Horizontal	Pass
7564.0	-59.58	-13	-46.58	-66.45	4.95	11.82	Horizontal	Pass
3782.0	-66.46	-13	-53.46	-71.36	3.65	8.55	Vertical	Pass
5673.0	-62.61	-13	-49.61	-68.31	4.75	10.45	Vertical	Pass
7564.0	-60.07	-13	-47.07	-66.94	4.95	11.82	Vertical	Pass

NSA_71A_n2A-Low channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
3702.0	-66.48	-13	-53.48	-71.34	3.58	8.44	Horizontal	Pass
5553.0	-62.81	-13	-49.81	-68.52	4.74	10.45	Horizontal	Pass
7404.0	-61.02	-13	-48.02	-67.7	4.94	11.62	Horizontal	Pass
3702.0	-66.61	-13	-53.61	-71.47	3.58	8.44	Vertical	Pass
5553.0	-62.75	-13	-49.75	-68.46	4.74	10.45	Vertical	Pass
7404.0	-60.93	-13	-47.93	-67.61	4.94	11.62	Vertical	Pass

NSA_71A_n2A-Middle channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
3742.0	-66.45	-13	-53.45	-71.33	3.61	8.49	Horizontal	Pass
5613.0	-61.27	-13	-48.27	-66.98	4.74	10.45	Horizontal	Pass
7484.0	-60.12	-13	-47.12	-66.9	4.94	11.72	Horizontal	Pass
3742.0	-66.87	-13	-53.87	-71.75	3.61	8.49	Vertical	Pass
5613.0	-62.8	-13	-49.8	-68.51	4.74	10.45	Vertical	Pass
7484.0	-60.22	-13	-47.22	-67.0	4.94	11.72	Vertical	Pass

NSA_71A_n2A-High channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
3782.0	-66.26	-13	-53.26	-71.16	3.65	8.55	Horizontal	Pass
5673.0	-62.74	-13	-49.74	-68.44	4.75	10.45	Horizontal	Pass
7564.0	-60.05	-13	-47.05	-66.92	4.95	11.82	Horizontal	Pass
3782.0	-66.33	-13	-53.33	-71.23	3.65	8.55	Vertical	Pass
5673.0	-63.0	-13	-50.0	-68.7	4.75	10.45	Vertical	Pass
7564.0	-59.42	-13	-46.42	-66.29	4.95	11.82	Vertical	Pass