SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Appendix B.32

NR Band n2

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1. Effective (Isotropic) Radiated Power Output Data

1.1 15k_SISO_5MHz_NTNV_EIRP

1.1.1 Test Result

5G NR n2 SCS=15kHz SISO 5MHz NTNV										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1852.5	Edge_1RB_Left	23.31	/	/	24.31	/	/	<=33	Pass
		Edge_1RB_Right	22.84	/	/	23.84	/	/	<=33	Pass
		Outer_Full	23.09	/	/	24.09	/	/	<=33	Pass
		Inner_Full	23.12	/	/	24.12	/	/	<=33	Pass
		Inner_1RB_Left	23.12	/	/	24.12	/	/	<=33	Pass
		Inner_1RB_Right	22.83	/	/	23.83	/	/	<=33	Pass
	1880	Edge_1RB_Left	22.90	/	/	23.9	/	/	<=33	Pass
		Edge_1RB_Right	23.08	/	/	24.08	/	/	<=33	Pass
		Outer_Full	22.97	/	/	23.97	/	/	<=33	Pass
		Inner_Full	22.97	/	/	23.97	/	/	<=33	Pass
		Inner_1RB_Left	22.92	/	/	23.92	/	/	<=33	Pass
		Inner_1RB_Right	23.06	/	/	24.06	/	/	<=33	Pass
	1907.5	Edge_1RB_Left	23.31	/	/	24.31	/	/	<=33	Pass
		Edge_1RB_Right	23.24	/	/	24.24	/	/	<=33	Pass
		Outer_Full	23.19	/	/	24.19	/	/	<=33	Pass
		Inner_Full	23.29	/	/	24.29	/	/	<=33	Pass
		Inner_1RB_Left	23.24	/	/	24.24	/	/	<=33	Pass
		Inner_1RB_Right	23.14	/	/	24.14	/	/	<=33	Pass
DFT-s-OFDM QPSK	1852.5	Edge_1RB_Left	22.73	/	/	23.73	/	/	<=33	Pass
		Edge_1RB_Right	22.37	/	/	23.37	/	/	<=33	Pass
		Outer_Full	21.14	/	/	22.14	/	/	<=33	Pass
		Inner_Full	23.17	/	/	24.17	/	/	<=33	Pass
		Inner_1RB_Left	23.16	/	/	24.16	/	/	<=33	Pass
		Inner_1RB_Right	22.99	/	/	23.99	/	/	<=33	Pass
	1880	Edge_1RB_Left	22.37	/	/	23.37	/	/	<=33	Pass
		Edge_1RB_Right	22.60	/	/	23.6	/	/	<=33	Pass
		Outer_Full	20.97	/	/	21.97	/	/	<=33	Pass
		Inner_Full	22.93	/	/	23.93	/	/	<=33	Pass
		Inner_1RB_Left	22.90	/	/	23.9	/	/	<=33	Pass
		Inner_1RB_Right	23.04	/	/	24.04	/	/	<=33	Pass
	1907.5	Edge_1RB_Left	22.81	/	/	23.81	/	/	<=33	Pass
		Edge_1RB_Right	22.80	/	/	23.8	/	/	<=33	Pass
		Outer_Full	21.19	/	/	22.19	/	/	<=33	Pass
		Inner_Full	23.13	/	/	24.13	/	/	<=33	Pass
		Inner_1RB_Left	23.25	/	/	24.25	/	/	<=33	Pass
		Inner_1RB_Right	23.19	/	/	24.19	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	1852.5	Edge_1RB_Left	21.78	/	/	22.78	/	/	<=33	Pass

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		Edge_1RB_Right	21.52	/	/	22.52	/	/	<=33	Pass
		Outer_Full	20.26	/	/	21.26	/	/	<=33	Pass
		Inner_Full	22.79	/	/	23.79	/	/	<=33	Pass
		Inner_1RB_Left	22.75	/	/	23.75	/	/	<=33	Pass
		Inner_1RB_Right	22.44	/	/	23.44	/	/	<=33	Pass
	1880	Edge_1RB_Left	21.43	/	/	22.43	/	/	<=33	Pass
		Edge_1RB_Right	21.64	/	/	22.64	/	/	<=33	Pass
		Outer_Full	20.04	/	/	21.04	/	/	<=33	Pass
		Inner_Full	22.60	/	/	23.6	/	/	<=33	Pass
		Inner_1RB_Left	22.39	/	/	23.39	/	/	<=33	Pass
		Inner_1RB_Right	22.52	/	/	23.52	/	/	<=33	Pass
	1907.5	Edge_1RB_Left	21.87	/	/	22.87	/	/	<=33	Pass
		Edge_1RB_Right	21.83	/	/	22.83	/	/	<=33	Pass
		Outer_Full	20.28	/	/	21.28	/	/	<=33	Pass
		Inner_Full	22.74	/	/	23.74	/	/	<=33	Pass
		Inner_1RB_Left	22.77	/	/	23.77	/	/	<=33	Pass
		Inner_1RB_Right	22.60	/	/	23.6	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	1852.5	Edge_1RB_Left	21.50	/	/	22.5	/	/	<=33	Pass
		Edge_1RB_Right	21.23	/	/	22.23	/	/	<=33	Pass
		Outer_Full	19.70	/	/	20.7	/	/	<=33	Pass
		Inner_Full	21.32	/	/	22.32	/	/	<=33	Pass
		Inner_1RB_Left	21.44	/	/	22.44	/	/	<=33	Pass
		Inner_1RB_Right	21.17	/	/	22.17	/	/	<=33	Pass
	1880	Edge_1RB_Left	21.03	/	/	22.03	/	/	<=33	Pass
		Edge_1RB_Right	21.22	/	/	22.22	/	/	<=33	Pass
		Outer_Full	19.50	/	/	20.5	/	/	<=33	Pass
		Inner_Full	21.05	/	/	22.05	/	/	<=33	Pass
		Inner_1RB_Left	21.04	/	/	22.04	/	/	<=33	Pass
		Inner_1RB_Right	21.20	/	/	22.2	/	/	<=33	Pass
	1907.5	Edge_1RB_Left	21.41	/	/	22.41	/	/	<=33	Pass
		Edge_1RB_Right	21.38	/	/	22.38	/	/	<=33	Pass
		Outer_Full	19.55	/	/	20.55	/	/	<=33	Pass
		Inner_Full	21.47	/	/	22.47	/	/	<=33	Pass
		Inner_1RB_Left	21.42	/	/	22.42	/	/	<=33	Pass
		Inner_1RB_Right	21.39	/	/	22.39	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	1852.5	Edge_1RB_Left	18.74	/	/	19.74	/	/	<=33	Pass
		Edge_1RB_Right	18.45	/	/	19.45	/	/	<=33	Pass
		Outer_Full	19.08	/	/	20.08	/	/	<=33	Pass
		Inner_Full	19.18	/	/	20.18	/	/	<=33	Pass
		Inner_1RB_Left	18.73	/	/	19.73	/	/	<=33	Pass
		Inner_1RB_Right	18.52	/	/	19.52	/	/	<=33	Pass
	1880	Edge_1RB_Left	18.42	/	/	19.42	/	/	<=33	Pass
		Edge_1RB_Right	18.66	/	/	19.66	/	/	<=33	Pass
		Outer_Full	18.89	/	/	19.89	/	/	<=33	Pass
		Inner_Full	19.04	/	/	20.04	/	/	<=33	Pass
		Inner_1RB_Left	18.44	/	/	19.44	/	/	<=33	Pass
		Inner_1RB_Right	18.62	/	/	19.62	/	/	<=33	Pass
	1907.5	Edge_1RB_Left	18.87	/	/	19.87	/	/	<=33	Pass

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		Edge_1RB_Right	18.78	/	/	19.78	/	/	<=33	Pass
		Outer_Full	19.23	/	/	20.23	/	/	<=33	Pass
		Inner_Full	19.38	/	/	20.38	/	/	<=33	Pass
		Inner_1RB_Left	18.88	/	/	19.88	/	/	<=33	Pass
		Inner_1RB_Right	18.79	/	/	19.79	/	/	<=33	Pass
CP-OFDM QPSK	1852.5	Edge_1RB_Left	20.78	/	/	21.78	/	/	<=33	Pass
		Edge_1RB_Right	20.50	/	/	21.5	/	/	<=33	Pass
		Outer_Full	20.67	/	/	21.67	/	/	<=33	Pass
		Inner_Full	22.21	/	/	23.21	/	/	<=33	Pass
		Inner_1RB_Left	22.15	/	/	23.15	/	/	<=33	Pass
		Inner_1RB_Right	21.81	/	/	22.81	/	/	<=33	Pass
	1880	Edge_1RB_Left	20.44	/	/	21.44	/	/	<=33	Pass
		Edge_1RB_Right	20.72	/	/	21.72	/	/	<=33	Pass
		Outer_Full	20.64	/	/	21.64	/	/	<=33	Pass
		Inner_Full	22.08	/	/	23.08	/	/	<=33	Pass
		Inner_1RB_Left	21.90	/	/	22.9	/	/	<=33	Pass
		Inner_1RB_Right	22.10	/	/	23.1	/	/	<=33	Pass
	1907.5	Edge_1RB_Left	20.90	/	/	21.9	/	/	<=33	Pass
		Edge_1RB_Right	20.77	/	/	21.77	/	/	<=33	Pass
		Outer_Full	20.73	/	/	21.73	/	/	<=33	Pass
		Inner_Full	22.22	/	/	23.22	/	/	<=33	Pass
		Inner_1RB_Left	22.27	/	/	23.27	/	/	<=33	Pass
		Inner_1RB_Right	22.17	/	/	23.17	/	/	<=33	Pass
CP-OFDM 16 QAM	1852.5	Edge_1RB_Left	20.77	/	/	21.77	/	/	<=33	Pass
		Edge_1RB_Right	20.44	/	/	21.44	/	/	<=33	Pass
		Outer_Full	19.20	/	/	20.2	/	/	<=33	Pass
		Inner_Full	21.49	/	/	22.49	/	/	<=33	Pass
		Inner_1RB_Left	21.69	/	/	22.69	/	/	<=33	Pass
		Inner_1RB_Right	21.56	/	/	22.56	/	/	<=33	Pass
	1880	Edge_1RB_Left	20.50	/	/	21.5	/	/	<=33	Pass
		Edge_1RB_Right	20.60	/	/	21.6	/	/	<=33	Pass
		Outer_Full	18.98	/	/	19.98	/	/	<=33	Pass
		Inner_Full	21.40	/	/	22.4	/	/	<=33	Pass
		Inner_1RB_Left	21.38	/	/	22.38	/	/	<=33	Pass
		Inner_1RB_Right	21.64	/	/	22.64	/	/	<=33	Pass
	1907.5	Edge_1RB_Left	20.79	/	/	21.79	/	/	<=33	Pass
		Edge_1RB_Right	20.86	/	/	21.86	/	/	<=33	Pass
		Outer_Full	19.22	/	/	20.22	/	/	<=33	Pass
		Inner_Full	21.68	/	/	22.68	/	/	<=33	Pass
		Inner_1RB_Left	21.86	/	/	22.86	/	/	<=33	Pass
		Inner_1RB_Right	21.74	/	/	22.74	/	/	<=33	Pass
CP-OFDM 64 QAM	1852.5	Edge_1RB_Left	20.30	/	/	21.3	/	/	<=33	Pass
		Edge_1RB_Right	20.08	/	/	21.08	/	/	<=33	Pass
		Outer_Full	18.51	/	/	19.51	/	/	<=33	Pass
		Inner_Full	20.11	/	/	21.11	/	/	<=33	Pass
		Inner_1RB_Left	20.20	/	/	21.2	/	/	<=33	Pass
		Inner_1RB_Right	19.91	/	/	20.91	/	/	<=33	Pass
	1880	Edge_1RB_Left	19.98	/	/	20.98	/	/	<=33	Pass

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		Edge_1RB_Right	20.24	/	/	21.24	/	/	<=33	Pass
		Outer_Full	18.48	/	/	19.48	/	/	<=33	Pass
		Inner_Full	20.05	/	/	21.05	/	/	<=33	Pass
		Inner_1RB_Left	19.97	/	/	20.97	/	/	<=33	Pass
		Inner_1RB_Right	20.14	/	/	21.14	/	/	<=33	Pass
	1907.5	Edge_1RB_Left	20.39	/	/	21.39	/	/	<=33	Pass
		Edge_1RB_Right	20.43	/	/	21.43	/	/	<=33	Pass
		Outer_Full	18.75	/	/	19.75	/	/	<=33	Pass
		Inner_Full	20.31	/	/	21.31	/	/	<=33	Pass
		Inner_1RB_Left	20.38	/	/	21.38	/	/	<=33	Pass
		Inner_1RB_Right	20.22	/	/	21.22	/	/	<=33	Pass
CP-OFDM 256 QAM	1852.5	Edge_1RB_Left	16.79	/	/	17.79	/	/	<=33	Pass
		Edge_1RB_Right	16.50	/	/	17.5	/	/	<=33	Pass
		Outer_Full	17.11	/	/	18.11	/	/	<=33	Pass
		Inner_Full	17.12	/	/	18.12	/	/	<=33	Pass
		Inner_1RB_Left	16.74	/	/	17.74	/	/	<=33	Pass
		Inner_1RB_Right	16.56	/	/	17.56	/	/	<=33	Pass
	1880	Edge_1RB_Left	16.52	/	/	17.52	/	/	<=33	Pass
		Edge_1RB_Right	16.76	/	/	17.76	/	/	<=33	Pass
		Outer_Full	17.03	/	/	18.03	/	/	<=33	Pass
		Inner_Full	17.06	/	/	18.06	/	/	<=33	Pass
		Inner_1RB_Left	16.47	/	/	17.47	/	/	<=33	Pass
		Inner_1RB_Right	16.64	/	/	17.64	/	/	<=33	Pass
	1907.5	Edge_1RB_Left	16.96	/	/	17.96	/	/	<=33	Pass
		Edge_1RB_Right	16.92	/	/	17.92	/	/	<=33	Pass
		Outer_Full	17.36	/	/	18.36	/	/	<=33	Pass
		Inner_Full	17.45	/	/	18.45	/	/	<=33	Pass
		Inner_1RB_Left	16.97	/	/	17.97	/	/	<=33	Pass
		Inner_1RB_Right	16.88	/	/	17.88	/	/	<=33	Pass
Note1: Antenna Gain: Ant1: 1dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.2 15k_SISO_10MHz_NTNV_EIRP

1.2.1 Test Result

5G NR n2 SCS=15kHz SISO 10MHz NTNV										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1855	Edge_1RB_Left	23.49	/	/	24.49	/	/	<=33	Pass
		Edge_1RB_Right	22.84	/	/	23.84	/	/	<=33	Pass
		Outer_Full	23.17	/	/	24.17	/	/	<=33	Pass
		Inner_Full	23.21	/	/	24.21	/	/	<=33	Pass
		Inner_1RB_Left	23.38	/	/	24.38	/	/	<=33	Pass
		Inner_1RB_Right	22.89	/	/	23.89	/	/	<=33	Pass
	1880	Edge_1RB_Left	22.86	/	/	23.86	/	/	<=33	Pass

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		Edge_1RB_Right	23.32	/	/	24.32	/	/	<=33	Pass
		Outer_Full	23.05	/	/	24.05	/	/	<=33	Pass
		Inner_Full	23.11	/	/	24.11	/	/	<=33	Pass
		Inner_1RB_Left	22.85	/	/	23.85	/	/	<=33	Pass
		Inner_1RB_Right	23.29	/	/	24.29	/	/	<=33	Pass
	1905	Edge_1RB_Left	23.56	/	/	24.56	/	/	<=33	Pass
		Edge_1RB_Right	23.41	/	/	24.41	/	/	<=33	Pass
		Outer_Full	23.47	/	/	24.47	/	/	<=33	Pass
		Inner_Full	23.46	/	/	24.46	/	/	<=33	Pass
		Inner_1RB_Left	23.49	/	/	24.49	/	/	<=33	Pass
		Inner_1RB_Right	23.45	/	/	24.45	/	/	<=33	Pass
DFT-s-OFDM QPSK	1855	Edge_1RB_Left	22.85	/	/	23.85	/	/	<=33	Pass
		Edge_1RB_Right	22.28	/	/	23.28	/	/	<=33	Pass
		Outer_Full	21.12	/	/	22.12	/	/	<=33	Pass
		Inner_Full	23.13	/	/	24.13	/	/	<=33	Pass
		Inner_1RB_Left	23.38	/	/	24.38	/	/	<=33	Pass
		Inner_1RB_Right	22.92	/	/	23.92	/	/	<=33	Pass
	1880	Edge_1RB_Left	22.37	/	/	23.37	/	/	<=33	Pass
		Edge_1RB_Right	22.77	/	/	23.77	/	/	<=33	Pass
		Outer_Full	21.02	/	/	22.02	/	/	<=33	Pass
		Inner_Full	23.03	/	/	24.03	/	/	<=33	Pass
		Inner_1RB_Left	22.79	/	/	23.79	/	/	<=33	Pass
		Inner_1RB_Right	23.27	/	/	24.27	/	/	<=33	Pass
	1905	Edge_1RB_Left	23.06	/	/	24.06	/	/	<=33	Pass
		Edge_1RB_Right	22.94	/	/	23.94	/	/	<=33	Pass
		Outer_Full	21.37	/	/	22.37	/	/	<=33	Pass
		Inner_Full	23.42	/	/	24.42	/	/	<=33	Pass
		Inner_1RB_Left	23.48	/	/	24.48	/	/	<=33	Pass
		Inner_1RB_Right	23.42	/	/	24.42	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	1855	Edge_1RB_Left	21.88	/	/	22.88	/	/	<=33	Pass
		Edge_1RB_Right	21.36	/	/	22.36	/	/	<=33	Pass
		Outer_Full	20.13	/	/	21.13	/	/	<=33	Pass
		Inner_Full	22.67	/	/	23.67	/	/	<=33	Pass
		Inner_1RB_Left	22.86	/	/	23.86	/	/	<=33	Pass
		Inner_1RB_Right	22.37	/	/	23.37	/	/	<=33	Pass
	1880	Edge_1RB_Left	21.34	/	/	22.34	/	/	<=33	Pass
		Edge_1RB_Right	21.80	/	/	22.8	/	/	<=33	Pass
		Outer_Full	20.10	/	/	21.1	/	/	<=33	Pass
		Inner_Full	22.55	/	/	23.55	/	/	<=33	Pass
		Inner_1RB_Left	22.33	/	/	23.33	/	/	<=33	Pass
		Inner_1RB_Right	22.79	/	/	23.79	/	/	<=33	Pass
	1905	Edge_1RB_Left	22.07	/	/	23.07	/	/	<=33	Pass
		Edge_1RB_Right	21.95	/	/	22.95	/	/	<=33	Pass
		Outer_Full	20.37	/	/	21.37	/	/	<=33	Pass
		Inner_Full	22.84	/	/	23.84	/	/	<=33	Pass
		Inner_1RB_Left	22.81	/	/	23.81	/	/	<=33	Pass
		Inner_1RB_Right	22.64	/	/	23.64	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	1855	Edge_1RB_Left	21.62	/	/	22.62	/	/	<=33	Pass

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		Edge_1RB_Right	21.01	/	/	22.01	/	/	<=33	Pass
		Outer_Full	19.66	/	/	20.66	/	/	<=33	Pass
		Inner_Full	21.22	/	/	22.22	/	/	<=33	Pass
		Inner_1RB_Left	21.59	/	/	22.59	/	/	<=33	Pass
		Inner_1RB_Right	21.07	/	/	22.07	/	/	<=33	Pass
	1880	Edge_1RB_Left	21.00	/	/	22	/	/	<=33	Pass
		Edge_1RB_Right	21.49	/	/	22.49	/	/	<=33	Pass
		Outer_Full	19.61	/	/	20.61	/	/	<=33	Pass
		Inner_Full	21.05	/	/	22.05	/	/	<=33	Pass
		Inner_1RB_Left	21.02	/	/	22.02	/	/	<=33	Pass
		Inner_1RB_Right	21.44	/	/	22.44	/	/	<=33	Pass
	1905	Edge_1RB_Left	21.68	/	/	22.68	/	/	<=33	Pass
		Edge_1RB_Right	21.50	/	/	22.5	/	/	<=33	Pass
		Outer_Full	19.87	/	/	20.87	/	/	<=33	Pass
		Inner_Full	21.34	/	/	22.34	/	/	<=33	Pass
		Inner_1RB_Left	21.59	/	/	22.59	/	/	<=33	Pass
		Inner_1RB_Right	21.51	/	/	22.51	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	1855	Edge_1RB_Left	18.87	/	/	19.87	/	/	<=33	Pass
		Edge_1RB_Right	18.37	/	/	19.37	/	/	<=33	Pass
		Outer_Full	19.06	/	/	20.06	/	/	<=33	Pass
		Inner_Full	19.09	/	/	20.09	/	/	<=33	Pass
		Inner_1RB_Left	18.88	/	/	19.88	/	/	<=33	Pass
		Inner_1RB_Right	18.32	/	/	19.32	/	/	<=33	Pass
	1880	Edge_1RB_Left	18.53	/	/	19.53	/	/	<=33	Pass
		Edge_1RB_Right	18.93	/	/	19.93	/	/	<=33	Pass
		Outer_Full	19.01	/	/	20.01	/	/	<=33	Pass
		Inner_Full	19.03	/	/	20.03	/	/	<=33	Pass
		Inner_1RB_Left	18.37	/	/	19.37	/	/	<=33	Pass
		Inner_1RB_Right	18.86	/	/	19.86	/	/	<=33	Pass
	1905	Edge_1RB_Left	19.01	/	/	20.01	/	/	<=33	Pass
		Edge_1RB_Right	18.92	/	/	19.92	/	/	<=33	Pass
		Outer_Full	19.41	/	/	20.41	/	/	<=33	Pass
		Inner_Full	19.40	/	/	20.4	/	/	<=33	Pass
		Inner_1RB_Left	19.00	/	/	20	/	/	<=33	Pass
		Inner_1RB_Right	18.89	/	/	19.89	/	/	<=33	Pass
CP-OFDM QPSK	1855	Edge_1RB_Left	21.04	/	/	22.04	/	/	<=33	Pass
		Edge_1RB_Right	20.29	/	/	21.29	/	/	<=33	Pass
		Outer_Full	20.64	/	/	21.64	/	/	<=33	Pass
		Inner_Full	22.04	/	/	23.04	/	/	<=33	Pass
		Inner_1RB_Left	22.33	/	/	23.33	/	/	<=33	Pass
		Inner_1RB_Right	21.80	/	/	22.8	/	/	<=33	Pass
	1880	Edge_1RB_Left	20.43	/	/	21.43	/	/	<=33	Pass
		Edge_1RB_Right	20.87	/	/	21.87	/	/	<=33	Pass
		Outer_Full	20.60	/	/	21.6	/	/	<=33	Pass
		Inner_Full	21.97	/	/	22.97	/	/	<=33	Pass
		Inner_1RB_Left	21.76	/	/	22.76	/	/	<=33	Pass
		Inner_1RB_Right	22.28	/	/	23.28	/	/	<=33	Pass
	1905	Edge_1RB_Left	21.03	/	/	22.03	/	/	<=33	Pass

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		Edge_1RB_Right	20.96	/	/	21.96	/	/	<=33	Pass
		Outer_Full	20.94	/	/	21.94	/	/	<=33	Pass
		Inner_Full	22.37	/	/	23.37	/	/	<=33	Pass
		Inner_1RB_Left	22.59	/	/	23.59	/	/	<=33	Pass
		Inner_1RB_Right	22.37	/	/	23.37	/	/	<=33	Pass
CP-OFDM 16 QAM	1855	Edge_1RB_Left	21.00	/	/	22	/	/	<=33	Pass
		Edge_1RB_Right	20.36	/	/	21.36	/	/	<=33	Pass
		Outer_Full	19.14	/	/	20.14	/	/	<=33	Pass
		Inner_Full	21.67	/	/	22.67	/	/	<=33	Pass
		Inner_1RB_Left	21.87	/	/	22.87	/	/	<=33	Pass
		Inner_1RB_Right	21.25	/	/	22.25	/	/	<=33	Pass
	1880	Edge_1RB_Left	20.43	/	/	21.43	/	/	<=33	Pass
		Edge_1RB_Right	20.96	/	/	21.96	/	/	<=33	Pass
		Outer_Full	19.10	/	/	20.1	/	/	<=33	Pass
		Inner_Full	21.63	/	/	22.63	/	/	<=33	Pass
		Inner_1RB_Left	21.41	/	/	22.41	/	/	<=33	Pass
		Inner_1RB_Right	21.93	/	/	22.93	/	/	<=33	Pass
	1905	Edge_1RB_Left	21.05	/	/	22.05	/	/	<=33	Pass
		Edge_1RB_Right	21.01	/	/	22.01	/	/	<=33	Pass
		Outer_Full	19.44	/	/	20.44	/	/	<=33	Pass
		Inner_Full	21.95	/	/	22.95	/	/	<=33	Pass
		Inner_1RB_Left	22.04	/	/	23.04	/	/	<=33	Pass
		Inner_1RB_Right	21.86	/	/	22.86	/	/	<=33	Pass
CP-OFDM 64 QAM	1855	Edge_1RB_Left	20.46	/	/	21.46	/	/	<=33	Pass
		Edge_1RB_Right	19.87	/	/	20.87	/	/	<=33	Pass
		Outer_Full	18.65	/	/	19.65	/	/	<=33	Pass
		Inner_Full	20.19	/	/	21.19	/	/	<=33	Pass
		Inner_1RB_Left	20.55	/	/	21.55	/	/	<=33	Pass
		Inner_1RB_Right	19.85	/	/	20.85	/	/	<=33	Pass
	1880	Edge_1RB_Left	19.93	/	/	20.93	/	/	<=33	Pass
		Edge_1RB_Right	20.52	/	/	21.52	/	/	<=33	Pass
		Outer_Full	18.59	/	/	19.59	/	/	<=33	Pass
		Inner_Full	20.11	/	/	21.11	/	/	<=33	Pass
		Inner_1RB_Left	19.87	/	/	20.87	/	/	<=33	Pass
		Inner_1RB_Right	20.34	/	/	21.34	/	/	<=33	Pass
	1905	Edge_1RB_Left	20.51	/	/	21.51	/	/	<=33	Pass
		Edge_1RB_Right	20.50	/	/	21.5	/	/	<=33	Pass
		Outer_Full	18.84	/	/	19.84	/	/	<=33	Pass
		Inner_Full	20.37	/	/	21.37	/	/	<=33	Pass
		Inner_1RB_Left	20.55	/	/	21.55	/	/	<=33	Pass
		Inner_1RB_Right	20.47	/	/	21.47	/	/	<=33	Pass
CP-OFDM 256 QAM	1855	Edge_1RB_Left	17.04	/	/	18.04	/	/	<=33	Pass
		Edge_1RB_Right	16.32	/	/	17.32	/	/	<=33	Pass
		Outer_Full	17.07	/	/	18.07	/	/	<=33	Pass
		Inner_Full	17.08	/	/	18.08	/	/	<=33	Pass
		Inner_1RB_Left	16.83	/	/	17.83	/	/	<=33	Pass
		Inner_1RB_Right	16.35	/	/	17.35	/	/	<=33	Pass
	1880	Edge_1RB_Left	16.44	/	/	17.44	/	/	<=33	Pass

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		Edge_1RB_Right	16.91	/	/	17.91	/	/	<=33	Pass
		Outer_Full	17.02	/	/	18.02	/	/	<=33	Pass
		Inner_Full	17.13	/	/	18.13	/	/	<=33	Pass
		Inner_1RB_Left	16.39	/	/	17.39	/	/	<=33	Pass
		Inner_1RB_Right	16.82	/	/	17.82	/	/	<=33	Pass
	1905	Edge_1RB_Left	17.26	/	/	18.26	/	/	<=33	Pass
		Edge_1RB_Right	17.05	/	/	18.05	/	/	<=33	Pass
		Outer_Full	17.41	/	/	18.41	/	/	<=33	Pass
		Inner_Full	17.44	/	/	18.44	/	/	<=33	Pass
		Inner_1RB_Left	17.22	/	/	18.22	/	/	<=33	Pass
		Inner_1RB_Right	16.99	/	/	17.99	/	/	<=33	Pass
Note1: Antenna Gain: Ant1: 1dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.3 15k_SISO_15MHz_NTNV_EIRP

1.3.1 Test Result

5G NR n2 SCS=15kHz SISO 15MHz NTNV										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1857.5	Edge_1RB_Left	23.36	/	/	24.36	/	/	<=33	Pass
		Edge_1RB_Right	22.72	/	/	23.72	/	/	<=33	Pass
		Outer_Full	22.99	/	/	23.99	/	/	<=33	Pass
		Inner_Full	23.03	/	/	24.03	/	/	<=33	Pass
		Inner_1RB_Left	23.37	/	/	24.37	/	/	<=33	Pass
		Inner_1RB_Right	22.74	/	/	23.74	/	/	<=33	Pass
	1880	Edge_1RB_Left	22.71	/	/	23.71	/	/	<=33	Pass
		Edge_1RB_Right	23.50	/	/	24.5	/	/	<=33	Pass
		Outer_Full	23.11	/	/	24.11	/	/	<=33	Pass
		Inner_Full	23.11	/	/	24.11	/	/	<=33	Pass
		Inner_1RB_Left	22.72	/	/	23.72	/	/	<=33	Pass
		Inner_1RB_Right	23.51	/	/	24.51	/	/	<=33	Pass
	1902.5	Edge_1RB_Left	23.41	/	/	24.41	/	/	<=33	Pass
		Edge_1RB_Right	23.24	/	/	24.24	/	/	<=33	Pass
		Outer_Full	23.31	/	/	24.31	/	/	<=33	Pass
		Inner_Full	23.28	/	/	24.28	/	/	<=33	Pass
		Inner_1RB_Left	23.46	/	/	24.46	/	/	<=33	Pass
		Inner_1RB_Right	23.21	/	/	24.21	/	/	<=33	Pass
DFT-s-OFDM QPSK	1857.5	Edge_1RB_Left	22.90	/	/	23.9	/	/	<=33	Pass
		Edge_1RB_Right	22.24	/	/	23.24	/	/	<=33	Pass
		Outer_Full	21.05	/	/	22.05	/	/	<=33	Pass
		Inner_Full	23.02	/	/	24.02	/	/	<=33	Pass
		Inner_1RB_Left	23.41	/	/	24.41	/	/	<=33	Pass
		Inner_1RB_Right	22.69	/	/	23.69	/	/	<=33	Pass
	1880	Edge_1RB_Left	22.19	/	/	23.19	/	/	<=33	Pass

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		Edge_1RB_Right	23.07	/	/	24.07	/	/	<=33	Pass
		Outer_Full	21.17	/	/	22.17	/	/	<=33	Pass
		Inner_Full	23.14	/	/	24.14	/	/	<=33	Pass
		Inner_1RB_Left	22.76	/	/	23.76	/	/	<=33	Pass
		Inner_1RB_Right	23.52	/	/	24.52	/	/	<=33	Pass
	1902.5	Edge_1RB_Left	22.91	/	/	23.91	/	/	<=33	Pass
		Edge_1RB_Right	22.79	/	/	23.79	/	/	<=33	Pass
		Outer_Full	21.32	/	/	22.32	/	/	<=33	Pass
		Inner_Full	23.27	/	/	24.27	/	/	<=33	Pass
		Inner_1RB_Left	23.39	/	/	24.39	/	/	<=33	Pass
		Inner_1RB_Right	23.19	/	/	24.19	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	1857.5	Edge_1RB_Left	21.86	/	/	22.86	/	/	<=33	Pass
		Edge_1RB_Right	21.18	/	/	22.18	/	/	<=33	Pass
		Outer_Full	20.11	/	/	21.11	/	/	<=33	Pass
		Inner_Full	22.52	/	/	23.52	/	/	<=33	Pass
		Inner_1RB_Left	22.83	/	/	23.83	/	/	<=33	Pass
		Inner_1RB_Right	22.18	/	/	23.18	/	/	<=33	Pass
	1880	Edge_1RB_Left	21.18	/	/	22.18	/	/	<=33	Pass
		Edge_1RB_Right	21.97	/	/	22.97	/	/	<=33	Pass
		Outer_Full	20.20	/	/	21.2	/	/	<=33	Pass
		Inner_Full	22.63	/	/	23.63	/	/	<=33	Pass
		Inner_1RB_Left	22.25	/	/	23.25	/	/	<=33	Pass
		Inner_1RB_Right	23.00	/	/	24	/	/	<=33	Pass
	1902.5	Edge_1RB_Left	21.92	/	/	22.92	/	/	<=33	Pass
		Edge_1RB_Right	21.77	/	/	22.77	/	/	<=33	Pass
		Outer_Full	20.39	/	/	21.39	/	/	<=33	Pass
		Inner_Full	22.85	/	/	23.85	/	/	<=33	Pass
		Inner_1RB_Left	22.89	/	/	23.89	/	/	<=33	Pass
		Inner_1RB_Right	22.60	/	/	23.6	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	1857.5	Edge_1RB_Left	21.54	/	/	22.54	/	/	<=33	Pass
		Edge_1RB_Right	20.93	/	/	21.93	/	/	<=33	Pass
		Outer_Full	19.53	/	/	20.53	/	/	<=33	Pass
		Inner_Full	21.08	/	/	22.08	/	/	<=33	Pass
		Inner_1RB_Left	21.63	/	/	22.63	/	/	<=33	Pass
		Inner_1RB_Right	20.98	/	/	21.98	/	/	<=33	Pass
	1880	Edge_1RB_Left	20.89	/	/	21.89	/	/	<=33	Pass
		Edge_1RB_Right	21.67	/	/	22.67	/	/	<=33	Pass
		Outer_Full	19.67	/	/	20.67	/	/	<=33	Pass
		Inner_Full	21.19	/	/	22.19	/	/	<=33	Pass
		Inner_1RB_Left	20.93	/	/	21.93	/	/	<=33	Pass
		Inner_1RB_Right	21.69	/	/	22.69	/	/	<=33	Pass
	1902.5	Edge_1RB_Left	21.48	/	/	22.48	/	/	<=33	Pass
		Edge_1RB_Right	21.32	/	/	22.32	/	/	<=33	Pass
		Outer_Full	19.82	/	/	20.82	/	/	<=33	Pass
		Inner_Full	21.33	/	/	22.33	/	/	<=33	Pass
		Inner_1RB_Left	21.45	/	/	22.45	/	/	<=33	Pass
		Inner_1RB_Right	21.33	/	/	22.33	/	/	<=33	Pass
DFT-s-OFDM 256	1857.5	Edge_1RB_Left	18.90	/	/	19.9	/	/	<=33	Pass

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QAM		Edge_1RB_Right	18.16	/	/	19.16	/	/	<=33	Pass
		Outer_Full	18.96	/	/	19.96	/	/	<=33	Pass
		Inner_Full	18.96	/	/	19.96	/	/	<=33	Pass
		Inner_1RB_Left	18.86	/	/	19.86	/	/	<=33	Pass
		Inner_1RB_Right	18.15	/	/	19.15	/	/	<=33	Pass
	1880	Edge_1RB_Left	18.27	/	/	19.27	/	/	<=33	Pass
		Edge_1RB_Right	19.00	/	/	20	/	/	<=33	Pass
		Outer_Full	19.16	/	/	20.16	/	/	<=33	Pass
		Inner_Full	19.06	/	/	20.06	/	/	<=33	Pass
		Inner_1RB_Left	18.25	/	/	19.25	/	/	<=33	Pass
		Inner_1RB_Right	19.00	/	/	20	/	/	<=33	Pass
	1902.5	Edge_1RB_Left	18.92	/	/	19.92	/	/	<=33	Pass
		Edge_1RB_Right	18.73	/	/	19.73	/	/	<=33	Pass
		Outer_Full	19.32	/	/	20.32	/	/	<=33	Pass
		Inner_Full	19.21	/	/	20.21	/	/	<=33	Pass
		Inner_1RB_Left	18.97	/	/	19.97	/	/	<=33	Pass
		Inner_1RB_Right	18.70	/	/	19.7	/	/	<=33	Pass
CP-OFDM QPSK	1857.5	Edge_1RB_Left	20.98	/	/	21.98	/	/	<=33	Pass
		Edge_1RB_Right	20.23	/	/	21.23	/	/	<=33	Pass
		Outer_Full	20.57	/	/	21.57	/	/	<=33	Pass
		Inner_Full	22.00	/	/	23	/	/	<=33	Pass
		Inner_1RB_Left	22.34	/	/	23.34	/	/	<=33	Pass
		Inner_1RB_Right	21.74	/	/	22.74	/	/	<=33	Pass
	1880	Edge_1RB_Left	20.34	/	/	21.34	/	/	<=33	Pass
		Edge_1RB_Right	20.97	/	/	21.97	/	/	<=33	Pass
		Outer_Full	20.65	/	/	21.65	/	/	<=33	Pass
		Inner_Full	22.13	/	/	23.13	/	/	<=33	Pass
		Inner_1RB_Left	21.76	/	/	22.76	/	/	<=33	Pass
		Inner_1RB_Right	22.57	/	/	23.57	/	/	<=33	Pass
	1902.5	Edge_1RB_Left	20.94	/	/	21.94	/	/	<=33	Pass
		Edge_1RB_Right	20.69	/	/	21.69	/	/	<=33	Pass
		Outer_Full	20.86	/	/	21.86	/	/	<=33	Pass
		Inner_Full	22.23	/	/	23.23	/	/	<=33	Pass
		Inner_1RB_Left	22.40	/	/	23.4	/	/	<=33	Pass
		Inner_1RB_Right	22.19	/	/	23.19	/	/	<=33	Pass
CP-OFDM 16 QAM	1857.5	Edge_1RB_Left	20.97	/	/	21.97	/	/	<=33	Pass
		Edge_1RB_Right	20.16	/	/	21.16	/	/	<=33	Pass
		Outer_Full	18.94	/	/	19.94	/	/	<=33	Pass
		Inner_Full	21.62	/	/	22.62	/	/	<=33	Pass
		Inner_1RB_Left	21.90	/	/	22.9	/	/	<=33	Pass
		Inner_1RB_Right	21.27	/	/	22.27	/	/	<=33	Pass
	1880	Edge_1RB_Left	20.31	/	/	21.31	/	/	<=33	Pass
		Edge_1RB_Right	21.06	/	/	22.06	/	/	<=33	Pass
		Outer_Full	19.18	/	/	20.18	/	/	<=33	Pass
		Inner_Full	21.74	/	/	22.74	/	/	<=33	Pass
		Inner_1RB_Left	21.30	/	/	22.3	/	/	<=33	Pass
		Inner_1RB_Right	22.09	/	/	23.09	/	/	<=33	Pass
	1902.5	Edge_1RB_Left	21.13	/	/	22.13	/	/	<=33	Pass

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		Edge_1RB_Right	20.87	/	/	21.87	/	/	<=33	Pass
		Outer_Full	19.35	/	/	20.35	/	/	<=33	Pass
		Inner_Full	21.91	/	/	22.91	/	/	<=33	Pass
		Inner_1RB_Left	22.08	/	/	23.08	/	/	<=33	Pass
		Inner_1RB_Right	21.81	/	/	22.81	/	/	<=33	Pass
CP-OFDM 64 QAM	1857.5	Edge_1RB_Left	20.55	/	/	21.55	/	/	<=33	Pass
		Edge_1RB_Right	19.79	/	/	20.79	/	/	<=33	Pass
		Outer_Full	18.51	/	/	19.51	/	/	<=33	Pass
		Inner_Full	20.02	/	/	21.02	/	/	<=33	Pass
		Inner_1RB_Left	20.49	/	/	21.49	/	/	<=33	Pass
		Inner_1RB_Right	19.82	/	/	20.82	/	/	<=33	Pass
	1880	Edge_1RB_Left	19.82	/	/	20.82	/	/	<=33	Pass
		Edge_1RB_Right	20.58	/	/	21.58	/	/	<=33	Pass
		Outer_Full	18.71	/	/	19.71	/	/	<=33	Pass
		Inner_Full	20.18	/	/	21.18	/	/	<=33	Pass
		Inner_1RB_Left	19.82	/	/	20.82	/	/	<=33	Pass
		Inner_1RB_Right	20.61	/	/	21.61	/	/	<=33	Pass
	1902.5	Edge_1RB_Left	20.50	/	/	21.5	/	/	<=33	Pass
		Edge_1RB_Right	20.33	/	/	21.33	/	/	<=33	Pass
		Outer_Full	18.82	/	/	19.82	/	/	<=33	Pass
		Inner_Full	20.35	/	/	21.35	/	/	<=33	Pass
		Inner_1RB_Left	20.45	/	/	21.45	/	/	<=33	Pass
		Inner_1RB_Right	20.29	/	/	21.29	/	/	<=33	Pass
CP-OFDM 256 QAM	1857.5	Edge_1RB_Left	16.93	/	/	17.93	/	/	<=33	Pass
		Edge_1RB_Right	16.29	/	/	17.29	/	/	<=33	Pass
		Outer_Full	16.95	/	/	17.95	/	/	<=33	Pass
		Inner_Full	16.98	/	/	17.98	/	/	<=33	Pass
		Inner_1RB_Left	16.94	/	/	17.94	/	/	<=33	Pass
		Inner_1RB_Right	16.23	/	/	17.23	/	/	<=33	Pass
	1880	Edge_1RB_Left	16.46	/	/	17.46	/	/	<=33	Pass
		Edge_1RB_Right	17.19	/	/	18.19	/	/	<=33	Pass
		Outer_Full	17.20	/	/	18.2	/	/	<=33	Pass
		Inner_Full	17.16	/	/	18.16	/	/	<=33	Pass
		Inner_1RB_Left	16.42	/	/	17.42	/	/	<=33	Pass
		Inner_1RB_Right	17.20	/	/	18.2	/	/	<=33	Pass
	1902.5	Edge_1RB_Left	17.05	/	/	18.05	/	/	<=33	Pass
		Edge_1RB_Right	16.80	/	/	17.8	/	/	<=33	Pass
		Outer_Full	17.25	/	/	18.25	/	/	<=33	Pass
		Inner_Full	17.22	/	/	18.22	/	/	<=33	Pass
		Inner_1RB_Left	17.08	/	/	18.08	/	/	<=33	Pass
		Inner_1RB_Right	16.77	/	/	17.77	/	/	<=33	Pass
Note1: Antenna Gain: Ant1: 1dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.4 15k_SISO_20MHz_NTNV_EIRP

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1.4.1 Test Result

5G NR n2 SCS=15kHz SISO 20MHz NTNV										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1860	Edge_1RB_Left	23.28	/	/	24.28	/	/	<=33	Pass
		Edge_1RB_Right	22.61	/	/	23.61	/	/	<=33	Pass
		Outer_Full	22.95	/	/	23.95	/	/	<=33	Pass
		Inner_Full	22.88	/	/	23.88	/	/	<=33	Pass
		Inner_1RB_Left	23.24	/	/	24.24	/	/	<=33	Pass
		Inner_1RB_Right	22.56	/	/	23.56	/	/	<=33	Pass
	1880	Edge_1RB_Left	22.52	/	/	23.52	/	/	<=33	Pass
		Edge_1RB_Right	23.43	/	/	24.43	/	/	<=33	Pass
		Outer_Full	23.04	/	/	24.04	/	/	<=33	Pass
		Inner_Full	23.03	/	/	24.03	/	/	<=33	Pass
		Inner_1RB_Left	22.52	/	/	23.52	/	/	<=33	Pass
		Inner_1RB_Right	23.39	/	/	24.39	/	/	<=33	Pass
	1900	Edge_1RB_Left	23.55	/	/	24.55	/	/	<=33	Pass
		Edge_1RB_Right	23.23	/	/	24.23	/	/	<=33	Pass
		Outer_Full	23.45	/	/	24.45	/	/	<=33	Pass
		Inner_Full	23.44	/	/	24.44	/	/	<=33	Pass
		Inner_1RB_Left	23.55	/	/	24.55	/	/	<=33	Pass
		Inner_1RB_Right	23.28	/	/	24.28	/	/	<=33	Pass
DFT-s-OFDM QPSK	1860	Edge_1RB_Left	22.78	/	/	23.78	/	/	<=33	Pass
		Edge_1RB_Right	22.11	/	/	23.11	/	/	<=33	Pass
		Outer_Full	20.91	/	/	21.91	/	/	<=33	Pass
		Inner_Full	22.85	/	/	23.85	/	/	<=33	Pass
		Inner_1RB_Left	23.26	/	/	24.26	/	/	<=33	Pass
		Inner_1RB_Right	22.61	/	/	23.61	/	/	<=33	Pass
	1880	Edge_1RB_Left	22.05	/	/	23.05	/	/	<=33	Pass
		Edge_1RB_Right	22.99	/	/	23.99	/	/	<=33	Pass
		Outer_Full	21.17	/	/	22.17	/	/	<=33	Pass
		Inner_Full	23.06	/	/	24.06	/	/	<=33	Pass
		Inner_1RB_Left	22.60	/	/	23.6	/	/	<=33	Pass
		Inner_1RB_Right	23.45	/	/	24.45	/	/	<=33	Pass
	1900	Edge_1RB_Left	23.09	/	/	24.09	/	/	<=33	Pass
		Edge_1RB_Right	22.74	/	/	23.74	/	/	<=33	Pass
		Outer_Full	21.44	/	/	22.44	/	/	<=33	Pass
		Inner_Full	23.35	/	/	24.35	/	/	<=33	Pass
		Inner_1RB_Left	23.50	/	/	24.5	/	/	<=33	Pass
		Inner_1RB_Right	23.22	/	/	24.22	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	1860	Edge_1RB_Left	21.70	/	/	22.7	/	/	<=33	Pass
		Edge_1RB_Right	21.18	/	/	22.18	/	/	<=33	Pass
		Outer_Full	19.88	/	/	20.88	/	/	<=33	Pass
		Inner_Full	22.39	/	/	23.39	/	/	<=33	Pass
		Inner_1RB_Left	22.80	/	/	23.8	/	/	<=33	Pass
		Inner_1RB_Right	21.96	/	/	22.96	/	/	<=33	Pass
	1880	Edge_1RB_Left	21.13	/	/	22.13	/	/	<=33	Pass

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		Edge_1RB_Right	22.01	/	/	23.01	/	/	<=33	Pass
		Outer_Full	20.10	/	/	21.1	/	/	<=33	Pass
		Inner_Full	22.59	/	/	23.59	/	/	<=33	Pass
		Inner_1RB_Left	22.05	/	/	23.05	/	/	<=33	Pass
		Inner_1RB_Right	23.00	/	/	24	/	/	<=33	Pass
	1900	Edge_1RB_Left	21.97	/	/	22.97	/	/	<=33	Pass
		Edge_1RB_Right	21.82	/	/	22.82	/	/	<=33	Pass
		Outer_Full	20.44	/	/	21.44	/	/	<=33	Pass
		Inner_Full	22.91	/	/	23.91	/	/	<=33	Pass
		Inner_1RB_Left	22.89	/	/	23.89	/	/	<=33	Pass
		Inner_1RB_Right	22.64	/	/	23.64	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	1860	Edge_1RB_Left	21.46	/	/	22.46	/	/	<=33	Pass
		Edge_1RB_Right	20.74	/	/	21.74	/	/	<=33	Pass
		Outer_Full	19.46	/	/	20.46	/	/	<=33	Pass
		Inner_Full	20.93	/	/	21.93	/	/	<=33	Pass
		Inner_1RB_Left	21.47	/	/	22.47	/	/	<=33	Pass
		Inner_1RB_Right	20.76	/	/	21.76	/	/	<=33	Pass
	1880	Edge_1RB_Left	20.83	/	/	21.83	/	/	<=33	Pass
		Edge_1RB_Right	21.67	/	/	22.67	/	/	<=33	Pass
		Outer_Full	19.68	/	/	20.68	/	/	<=33	Pass
		Inner_Full	21.14	/	/	22.14	/	/	<=33	Pass
		Inner_1RB_Left	20.81	/	/	21.81	/	/	<=33	Pass
		Inner_1RB_Right	21.67	/	/	22.67	/	/	<=33	Pass
	1900	Edge_1RB_Left	21.75	/	/	22.75	/	/	<=33	Pass
		Edge_1RB_Right	21.41	/	/	22.41	/	/	<=33	Pass
		Outer_Full	19.93	/	/	20.93	/	/	<=33	Pass
		Inner_Full	21.48	/	/	22.48	/	/	<=33	Pass
		Inner_1RB_Left	21.76	/	/	22.76	/	/	<=33	Pass
		Inner_1RB_Right	21.52	/	/	22.52	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	1860	Edge_1RB_Left	18.82	/	/	19.82	/	/	<=33	Pass
		Edge_1RB_Right	18.11	/	/	19.11	/	/	<=33	Pass
		Outer_Full	18.94	/	/	19.94	/	/	<=33	Pass
		Inner_Full	18.80	/	/	19.8	/	/	<=33	Pass
		Inner_1RB_Left	18.79	/	/	19.79	/	/	<=33	Pass
		Inner_1RB_Right	18.13	/	/	19.13	/	/	<=33	Pass
	1880	Edge_1RB_Left	18.05	/	/	19.05	/	/	<=33	Pass
		Edge_1RB_Right	18.97	/	/	19.97	/	/	<=33	Pass
		Outer_Full	19.18	/	/	20.18	/	/	<=33	Pass
		Inner_Full	19.12	/	/	20.12	/	/	<=33	Pass
		Inner_1RB_Left	18.09	/	/	19.09	/	/	<=33	Pass
		Inner_1RB_Right	18.87	/	/	19.87	/	/	<=33	Pass
	1900	Edge_1RB_Left	18.99	/	/	19.99	/	/	<=33	Pass
		Edge_1RB_Right	18.70	/	/	19.7	/	/	<=33	Pass
		Outer_Full	19.43	/	/	20.43	/	/	<=33	Pass
		Inner_Full	19.37	/	/	20.37	/	/	<=33	Pass
		Inner_1RB_Left	18.99	/	/	19.99	/	/	<=33	Pass
		Inner_1RB_Right	18.69	/	/	19.69	/	/	<=33	Pass
CP-OFDM QPSK	1860	Edge_1RB_Left	20.78	/	/	21.78	/	/	<=33	Pass

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		Edge_1RB_Right	20.07	/	/	21.07	/	/	<=33	Pass
		Outer_Full	20.36	/	/	21.36	/	/	<=33	Pass
		Inner_Full	21.72	/	/	22.72	/	/	<=33	Pass
		Inner_1RB_Left	22.06	/	/	23.06	/	/	<=33	Pass
		Inner_1RB_Right	21.33	/	/	22.33	/	/	<=33	Pass
	1880	Edge_1RB_Left	20.16	/	/	21.16	/	/	<=33	Pass
		Edge_1RB_Right	21.04	/	/	22.04	/	/	<=33	Pass
		Outer_Full	20.71	/	/	21.71	/	/	<=33	Pass
		Inner_Full	22.10	/	/	23.1	/	/	<=33	Pass
		Inner_1RB_Left	21.65	/	/	22.65	/	/	<=33	Pass
		Inner_1RB_Right	22.43	/	/	23.43	/	/	<=33	Pass
	1900	Edge_1RB_Left	21.06	/	/	22.06	/	/	<=33	Pass
		Edge_1RB_Right	20.75	/	/	21.75	/	/	<=33	Pass
		Outer_Full	20.91	/	/	21.91	/	/	<=33	Pass
		Inner_Full	22.35	/	/	23.35	/	/	<=33	Pass
		Inner_1RB_Left	22.56	/	/	23.56	/	/	<=33	Pass
		Inner_1RB_Right	22.19	/	/	23.19	/	/	<=33	Pass
CP-OFDM 16 QAM	1860	Edge_1RB_Left	20.70	/	/	21.7	/	/	<=33	Pass
		Edge_1RB_Right	20.08	/	/	21.08	/	/	<=33	Pass
		Outer_Full	18.76	/	/	19.76	/	/	<=33	Pass
		Inner_Full	21.27	/	/	22.27	/	/	<=33	Pass
		Inner_1RB_Left	21.73	/	/	22.73	/	/	<=33	Pass
		Inner_1RB_Right	21.05	/	/	22.05	/	/	<=33	Pass
	1880	Edge_1RB_Left	20.19	/	/	21.19	/	/	<=33	Pass
		Edge_1RB_Right	21.11	/	/	22.11	/	/	<=33	Pass
		Outer_Full	19.07	/	/	20.07	/	/	<=33	Pass
		Inner_Full	21.67	/	/	22.67	/	/	<=33	Pass
		Inner_1RB_Left	21.15	/	/	22.15	/	/	<=33	Pass
		Inner_1RB_Right	22.11	/	/	23.11	/	/	<=33	Pass
	1900	Edge_1RB_Left	21.11	/	/	22.11	/	/	<=33	Pass
		Edge_1RB_Right	20.86	/	/	21.86	/	/	<=33	Pass
		Outer_Full	19.40	/	/	20.4	/	/	<=33	Pass
		Inner_Full	21.90	/	/	22.9	/	/	<=33	Pass
		Inner_1RB_Left	22.05	/	/	23.05	/	/	<=33	Pass
		Inner_1RB_Right	21.71	/	/	22.71	/	/	<=33	Pass
CP-OFDM 64 QAM	1860	Edge_1RB_Left	20.35	/	/	21.35	/	/	<=33	Pass
		Edge_1RB_Right	19.72	/	/	20.72	/	/	<=33	Pass
		Outer_Full	18.34	/	/	19.34	/	/	<=33	Pass
		Inner_Full	19.79	/	/	20.79	/	/	<=33	Pass
		Inner_1RB_Left	20.34	/	/	21.34	/	/	<=33	Pass
		Inner_1RB_Right	19.56	/	/	20.56	/	/	<=33	Pass
	1880	Edge_1RB_Left	19.77	/	/	20.77	/	/	<=33	Pass
		Edge_1RB_Right	20.58	/	/	21.58	/	/	<=33	Pass
		Outer_Full	18.72	/	/	19.72	/	/	<=33	Pass
		Inner_Full	20.20	/	/	21.2	/	/	<=33	Pass
		Inner_1RB_Left	19.72	/	/	20.72	/	/	<=33	Pass
		Inner_1RB_Right	20.54	/	/	21.54	/	/	<=33	Pass
	1900	Edge_1RB_Left	20.66	/	/	21.66	/	/	<=33	Pass

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		Edge_1RB_Right	20.41	/	/	21.41	/	/	<=33	Pass
		Outer_Full	18.95	/	/	19.95	/	/	<=33	Pass
		Inner_Full	20.43	/	/	21.43	/	/	<=33	Pass
		Inner_1RB_Left	20.64	/	/	21.64	/	/	<=33	Pass
		Inner_1RB_Right	20.33	/	/	21.33	/	/	<=33	Pass
CP-OFDM 256 QAM	1860	Edge_1RB_Left	16.85	/	/	17.85	/	/	<=33	Pass
		Edge_1RB_Right	16.24	/	/	17.24	/	/	<=33	Pass
		Outer_Full	16.82	/	/	17.82	/	/	<=33	Pass
		Inner_Full	16.84	/	/	17.84	/	/	<=33	Pass
		Inner_1RB_Left	16.81	/	/	17.81	/	/	<=33	Pass
		Inner_1RB_Right	16.11	/	/	17.11	/	/	<=33	Pass
	1880	Edge_1RB_Left	16.25	/	/	17.25	/	/	<=33	Pass
		Edge_1RB_Right	17.27	/	/	18.27	/	/	<=33	Pass
		Outer_Full	17.18	/	/	18.18	/	/	<=33	Pass
		Inner_Full	17.18	/	/	18.18	/	/	<=33	Pass
		Inner_1RB_Left	16.26	/	/	17.26	/	/	<=33	Pass
		Inner_1RB_Right	17.10	/	/	18.1	/	/	<=33	Pass
	1900	Edge_1RB_Left	17.49	/	/	18.49	/	/	<=33	Pass
		Edge_1RB_Right	17.42	/	/	18.42	/	/	<=33	Pass
		Outer_Full	17.36	/	/	18.36	/	/	<=33	Pass
		Inner_Full	17.38	/	/	18.38	/	/	<=33	Pass
		Inner_1RB_Left	17.24	/	/	18.24	/	/	<=33	Pass
		Inner_1RB_Right	16.81	/	/	17.81	/	/	<=33	Pass

Note1: Antenna Gain: Ant1: 1dBi;
Note2: EIRP=Conducted Power+Antenna Gain

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2. Frequency Stability

2.1 15k_SISO_5MHz

2.1.1 Test Result

5G NR n2 SCS=15kHz SISO 5MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM PI/2 BPSK	1880	Outer_Full	20	LV	-4.60	-0.0024	/	Pass
				HV	-1.20	-0.0006	/	Pass
			-30	NV	-3.50	-0.0019	/	Pass
			-20	NV	-5.50	-0.0029	/	Pass
			-10	NV	-6.00	-0.0032	/	Pass
			0	NV	-4.70	-0.0025	/	Pass
			10	NV	-0.60	-0.0003	/	Pass
			20	NV	-1.90	-0.0010	/	Pass
			30	NV	-3.50	-0.0019	/	Pass
			40	NV	3.50	0.0019	/	Pass
			50	NV	-5.50	-0.0029	/	Pass
DFT-s-OFDM QPSK	1880	Outer_Full	20	LV	-0.70	-0.0004	/	Pass
				HV	-4.90	-0.0026	/	Pass
			-30	NV	-3.90	-0.0021	/	Pass
			-20	NV	-3.80	-0.0020	/	Pass
			-10	NV	-3.70	-0.0020	/	Pass
			0	NV	-2.30	-0.0012	/	Pass
			10	NV	-3.50	-0.0019	/	Pass
			20	NV	-5.80	-0.0031	/	Pass
			30	NV	-2.90	-0.0015	/	Pass
			40	NV	-0.70	-0.0004	/	Pass
			50	NV	-6.30	-0.0034	/	Pass
DFT-s-OFDM 16 QAM	1880	Outer_Full	20	LV	2.50	0.0013	/	Pass
				HV	-4.50	-0.0024	/	Pass
			-30	NV	-9.70	-0.0052	/	Pass
			-20	NV	-3.40	-0.0018	/	Pass
			-10	NV	-4.70	-0.0025	/	Pass
			0	NV	-5.90	-0.0031	/	Pass
			10	NV	-5.20	-0.0028	/	Pass
			20	NV	-4.20	-0.0022	/	Pass
			30	NV	-2.80	-0.0015	/	Pass
			40	NV	-2.30	-0.0012	/	Pass
			50	NV	-2.70	-0.0014	/	Pass
DFT-s-OFDM 64 QAM	1880	Outer_Full	20	LV	-2.00	-0.0011	/	Pass
				HV	-6.30	-0.0034	/	Pass
			-30	NV	-4.90	-0.0026	/	Pass
			-20	NV	-4.00	-0.0021	/	Pass

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			-10	NV	-2.60	-0.0014	/	Pass
			0	NV	-3.80	-0.0020	/	Pass
			10	NV	-1.90	-0.0010	/	Pass
			20	NV	2.60	0.0014	/	Pass
			30	NV	-7.70	-0.0041	/	Pass
			40	NV	-5.70	-0.0030	/	Pass
			50	NV	-9.20	-0.0049	/	Pass
DFT-s-OFDM 256 QAM	1880	Outer_Full	20	LV	2.90	0.0015	/	Pass
				HV	-1.40	-0.0007	/	Pass
			-30	NV	1.80	0.0010	/	Pass
			-20	NV	-4.80	-0.0026	/	Pass
			-10	NV	-4.30	-0.0023	/	Pass
			0	NV	-3.00	-0.0016	/	Pass
			10	NV	2.00	0.0011	/	Pass
			20	NV	-5.50	-0.0029	/	Pass
			30	NV	-2.80	-0.0015	/	Pass
			40	NV	-2.50	-0.0013	/	Pass
			50	NV	-4.40	-0.0023	/	Pass
CP-OFDM QPSK	1880	Outer_Full	20	LV	-2.10	-0.0011	/	Pass
				HV	-7.30	-0.0039	/	Pass
			-30	NV	-2.80	-0.0015	/	Pass
			-20	NV	2.80	0.0015	/	Pass
			-10	NV	-2.30	-0.0012	/	Pass
			0	NV	-2.00	-0.0011	/	Pass
			10	NV	-9.80	-0.0052	/	Pass
			20	NV	-3.40	-0.0018	/	Pass
			30	NV	1.40	0.0007	/	Pass
			40	NV	-5.80	-0.0031	/	Pass
			50	NV	4.20	0.0022	/	Pass
CP-OFDM 16 QAM	1880	Outer_Full	20	LV	-2.80	-0.0015	/	Pass
				HV	5.00	0.0027	/	Pass
			-30	NV	3.30	0.0018	/	Pass
			-20	NV	-1.70	-0.0009	/	Pass
			-10	NV	-3.90	-0.0021	/	Pass
			0	NV	-4.30	-0.0023	/	Pass
			10	NV	-2.10	-0.0011	/	Pass
			20	NV	2.40	0.0013	/	Pass
			30	NV	3.50	0.0019	/	Pass
			40	NV	3.10	0.0016	/	Pass
			50	NV	-5.90	-0.0031	/	Pass
CP-OFDM 64 QAM	1880	Outer_Full	20	LV	6.40	0.0034	/	Pass
				HV	2.70	0.0014	/	Pass
			-30	NV	1.00	0.0005	/	Pass
			-20	NV	-2.20	-0.0012	/	Pass
			-10	NV	-5.70	-0.0030	/	Pass
			0	NV	2.00	0.0011	/	Pass
			10	NV	3.90	0.0021	/	Pass
			20	NV	-1.30	-0.0007	/	Pass

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			30	NV	3.20	0.0017	/	Pass
			40	NV	4.50	0.0024	/	Pass
			50	NV	-6.40	-0.0034	/	Pass
CP-OFDM 256 QAM	1880	Outer_Full	20	LV	-4.20	-0.0022	/	Pass
				HV	-5.10	-0.0027	/	Pass
			-30	NV	-0.30	-0.0002	/	Pass
			-20	NV	1.50	0.0008	/	Pass
			-10	NV	2.00	0.0011	/	Pass
			0	NV	-1.20	-0.0006	/	Pass
			10	NV	-4.10	-0.0022	/	Pass
			20	NV	-1.50	-0.0008	/	Pass
			30	NV	-3.20	-0.0017	/	Pass
			40	NV	-2.50	-0.0013	/	Pass
			50	NV	2.80	0.0015	/	Pass

2.2 15k_SISO_10MHz

2.2.1 Test Result

5G NR n2 SCS=15kHz SISO 10MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM PI/2 BPSK	1880	Outer_Full	20	LV	1.10	0.0006	/	Pass
				HV	-6.90	-0.0037	/	Pass
			-30	NV	-0.70	-0.0004	/	Pass
			-20	NV	-4.40	-0.0023	/	Pass
			-10	NV	-0.90	-0.0005	/	Pass
			0	NV	-7.20	-0.0038	/	Pass
			10	NV	-3.30	-0.0018	/	Pass
			20	NV	-2.40	-0.0013	/	Pass
			30	NV	-6.70	-0.0036	/	Pass
			40	NV	3.50	0.0019	/	Pass
			50	NV	-3.20	-0.0017	/	Pass
DFT-s-OFDM QPSK	1880	Outer_Full	20	LV	2.00	0.0011	/	Pass
				HV	2.50	0.0013	/	Pass
			-30	NV	-8.30	-0.0044	/	Pass
			-20	NV	-3.90	-0.0021	/	Pass
			-10	NV	-3.40	-0.0018	/	Pass
			0	NV	1.90	0.0010	/	Pass
			10	NV	3.60	0.0019	/	Pass
			20	NV	-3.70	-0.0020	/	Pass
			30	NV	-10.30	-0.0055	/	Pass
			40	NV	-6.30	-0.0034	/	Pass
			50	NV	-5.00	-0.0027	/	Pass
DFT-s-OFDM 16 QAM	1880	Outer_Full	20	LV	-1.30	-0.0007	/	Pass
				HV	-3.90	-0.0021	/	Pass

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			-30	NV	-2.70	-0.0014	/	Pass
			-20	NV	-3.90	-0.0021	/	Pass
			-10	NV	-5.40	-0.0029	/	Pass
			0	NV	-1.20	-0.0006	/	Pass
			10	NV	-2.10	-0.0011	/	Pass
			20	NV	-1.30	-0.0007	/	Pass
			30	NV	-4.20	-0.0022	/	Pass
			40	NV	-4.20	-0.0022	/	Pass
			50	NV	-5.10	-0.0027	/	Pass
DFT-s-OFDM 64 QAM	1880	Outer_Full	20	LV	-4.30	-0.0023	/	Pass
				HV	-1.50	-0.0008	/	Pass
			-30	NV	-3.90	-0.0021	/	Pass
			-20	NV	-6.00	-0.0032	/	Pass
			-10	NV	-1.30	-0.0007	/	Pass
			0	NV	-0.90	-0.0005	/	Pass
			10	NV	2.20	0.0012	/	Pass
			20	NV	-4.10	-0.0022	/	Pass
			30	NV	-1.00	-0.0005	/	Pass
			40	NV	-4.30	-0.0023	/	Pass
			50	NV	-4.00	-0.0021	/	Pass
DFT-s-OFDM 256 QAM	1880	Outer_Full	20	LV	2.00	0.0011	/	Pass
				HV	-4.30	-0.0023	/	Pass
			-30	NV	-0.60	-0.0003	/	Pass
			-20	NV	-2.90	-0.0015	/	Pass
			-10	NV	2.50	0.0013	/	Pass
			0	NV	2.30	0.0012	/	Pass
			10	NV	7.80	0.0041	/	Pass
			20	NV	-4.10	-0.0022	/	Pass
			30	NV	-2.60	-0.0014	/	Pass
			40	NV	-3.30	-0.0018	/	Pass
			50	NV	-3.50	-0.0019	/	Pass
CP-OFDM QPSK	1880	Outer_Full	20	LV	-3.60	-0.0019	/	Pass
				HV	2.50	0.0013	/	Pass
			-30	NV	-3.10	-0.0016	/	Pass
			-20	NV	4.90	0.0026	/	Pass
			-10	NV	2.40	0.0013	/	Pass
			0	NV	-3.50	-0.0019	/	Pass
			10	NV	-2.60	-0.0014	/	Pass
			20	NV	-3.40	-0.0018	/	Pass
			30	NV	1.20	0.0006	/	Pass
			40	NV	-0.50	-0.0003	/	Pass
			50	NV	-4.30	-0.0023	/	Pass
CP-OFDM 16 QAM	1880	Outer_Full	20	LV	5.50	0.0029	/	Pass
				HV	-1.10	-0.0006	/	Pass
			-30	NV	1.60	0.0009	/	Pass
			-20	NV	3.80	0.0020	/	Pass
			-10	NV	-1.90	-0.0010	/	Pass
			0	NV	4.80	0.0026	/	Pass

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			10	NV	-3.90	-0.0021	/	Pass
			20	NV	3.20	0.0017	/	Pass
			30	NV	-2.90	-0.0015	/	Pass
			40	NV	-2.50	-0.0013	/	Pass
			50	NV	1.30	0.0007	/	Pass
CP-OFDM 64 QAM	1880	Outer_Full	20	LV	-4.40	-0.0023	/	Pass
				HV	-3.10	-0.0016	/	Pass
			-30	NV	1.50	0.0008	/	Pass
			-20	NV	-1.70	-0.0009	/	Pass
			-10	NV	5.20	0.0028	/	Pass
			0	NV	-2.20	-0.0012	/	Pass
			10	NV	3.20	0.0017	/	Pass
			20	NV	4.20	0.0022	/	Pass
			30	NV	-3.50	-0.0019	/	Pass
			40	NV	4.40	0.0023	/	Pass
			50	NV	-1.90	-0.0010	/	Pass
CP-OFDM 256 QAM	1880	Outer_Full	20	LV	1.20	0.0006	/	Pass
				HV	-2.00	-0.0011	/	Pass
			-30	NV	-3.30	-0.0018	/	Pass
			-20	NV	-2.70	-0.0014	/	Pass
			-10	NV	-0.40	-0.0002	/	Pass
			0	NV	-4.20	-0.0022	/	Pass
			10	NV	0.70	0.0004	/	Pass
			20	NV	2.50	0.0013	/	Pass
			30	NV	4.20	0.0022	/	Pass
			40	NV	1.30	0.0007	/	Pass
			50	NV	0.90	0.0005	/	Pass

2.3 15k_SISO_15MHz

2.3.1 Test Result

5G NR n2 SCS=15kHz SISO 15MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM PI/2 BPSK	1880	Outer_Full	20	LV	-6.60	-0.0035	/	Pass
				HV	-4.50	-0.0024	/	Pass
			-30	NV	-7.40	-0.0039	/	Pass
			-20	NV	-3.90	-0.0021	/	Pass
			-10	NV	3.20	0.0017	/	Pass
			0	NV	-2.80	-0.0015	/	Pass
			10	NV	-2.90	-0.0015	/	Pass
			20	NV	1.20	0.0006	/	Pass
			30	NV	4.10	0.0022	/	Pass
			40	NV	2.50	0.0013	/	Pass
			50	NV	-5.90	-0.0031	/	Pass

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DFT-s-OFDM QPSK	1880	Outer_Full	20	LV	-1.20	-0.0006	/	Pass
				HV	1.90	0.0010	/	Pass
			-30	NV	3.20	0.0017	/	Pass
			-20	NV	-1.50	-0.0008	/	Pass
			-10	NV	-4.30	-0.0023	/	Pass
			0	NV	1.60	0.0009	/	Pass
			10	NV	0.80	0.0004	/	Pass
			20	NV	-2.90	-0.0015	/	Pass
			30	NV	-1.20	-0.0006	/	Pass
			40	NV	-4.60	-0.0024	/	Pass
			50	NV	-5.40	-0.0029	/	Pass
DFT-s-OFDM 16 QAM	1880	Outer_Full	20	LV	-3.90	-0.0021	/	Pass
				HV	-8.80	-0.0047	/	Pass
			-30	NV	-6.30	-0.0034	/	Pass
			-20	NV	-2.90	-0.0015	/	Pass
			-10	NV	-3.00	-0.0016	/	Pass
			0	NV	-6.00	-0.0032	/	Pass
			10	NV	-2.80	-0.0015	/	Pass
			20	NV	-2.90	-0.0015	/	Pass
			30	NV	-5.70	-0.0030	/	Pass
			40	NV	-4.20	-0.0022	/	Pass
			50	NV	2.90	0.0015	/	Pass
DFT-s-OFDM 64 QAM	1880	Outer_Full	20	LV	-6.30	-0.0034	/	Pass
				HV	-3.50	-0.0019	/	Pass
			-30	NV	-3.60	-0.0019	/	Pass
			-20	NV	-4.80	-0.0026	/	Pass
			-10	NV	-3.50	-0.0019	/	Pass
			0	NV	0.90	0.0005	/	Pass
			10	NV	-3.40	-0.0018	/	Pass
			20	NV	2.00	0.0011	/	Pass
			30	NV	4.00	0.0021	/	Pass
			40	NV	1.80	0.0010	/	Pass
			50	NV	1.40	0.0007	/	Pass
DFT-s-OFDM 256 QAM	1880	Outer_Full	20	LV	-8.00	-0.0043	/	Pass
				HV	4.80	0.0026	/	Pass
			-30	NV	0.80	0.0004	/	Pass
			-20	NV	-0.90	-0.0005	/	Pass
			-10	NV	-2.50	-0.0013	/	Pass
			0	NV	-4.40	-0.0023	/	Pass
			10	NV	-4.20	-0.0022	/	Pass
			20	NV	-4.80	-0.0026	/	Pass
			30	NV	-3.60	-0.0019	/	Pass
			40	NV	-6.40	-0.0034	/	Pass
			50	NV	-5.10	-0.0027	/	Pass
CP-OFDM QPSK	1880	Outer_Full	20	LV	-3.40	-0.0018	/	Pass
				HV	1.10	0.0006	/	Pass
			-30	NV	-5.30	-0.0028	/	Pass
			-20	NV	-3.80	-0.0020	/	Pass

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			-10	NV	-1.00	-0.0005	/	Pass
			0	NV	2.00	0.0011	/	Pass
			10	NV	-2.30	-0.0012	/	Pass
			20	NV	0.20	0.0001	/	Pass
			30	NV	-2.50	-0.0013	/	Pass
			40	NV	2.00	0.0011	/	Pass
			50	NV	-4.10	-0.0022	/	Pass
CP-OFDM 16 QAM	1880	Outer_Full	20	LV	-0.20	-0.0001	/	Pass
				HV	-4.00	-0.0021	/	Pass
			-30	NV	-3.20	-0.0017	/	Pass
			-20	NV	-2.40	-0.0013	/	Pass
			-10	NV	-1.70	-0.0009	/	Pass
			0	NV	-2.20	-0.0012	/	Pass
			10	NV	2.50	0.0013	/	Pass
			20	NV	4.60	0.0024	/	Pass
			30	NV	-1.80	-0.0010	/	Pass
			40	NV	-6.90	-0.0037	/	Pass
			50	NV	-5.10	-0.0027	/	Pass
CP-OFDM 64 QAM	1880	Outer_Full	20	LV	-0.80	-0.0004	/	Pass
				HV	-6.60	-0.0035	/	Pass
			-30	NV	3.80	0.0020	/	Pass
			-20	NV	3.10	0.0016	/	Pass
			-10	NV	-4.40	-0.0023	/	Pass
			0	NV	1.60	0.0009	/	Pass
			10	NV	3.00	0.0016	/	Pass
			20	NV	-4.60	-0.0024	/	Pass
			30	NV	-6.40	-0.0034	/	Pass
			40	NV	3.20	0.0017	/	Pass
			50	NV	-2.20	-0.0012	/	Pass
CP-OFDM 256 QAM	1880	Outer_Full	20	LV	-2.90	-0.0015	/	Pass
				HV	3.50	0.0019	/	Pass
			-30	NV	4.10	0.0022	/	Pass
			-20	NV	-6.70	-0.0036	/	Pass
			-10	NV	1.20	0.0006	/	Pass
			0	NV	3.60	0.0019	/	Pass
			10	NV	-2.50	-0.0013	/	Pass
			20	NV	0.60	0.0003	/	Pass
			30	NV	-2.50	-0.0013	/	Pass
			40	NV	-2.80	-0.0015	/	Pass
			50	NV	-4.10	-0.0022	/	Pass

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2.4 15k_SISO_20MHz

2.4.1 Test Result

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 PI/2 BPSK	1880	Outer_Full	20	LV	3.60	0.0019	/	Pass
				HV	-3.30	-0.0018	/	Pass
			-30	NV	3.70	0.0020	/	Pass
			-20	NV	-3.10	-0.0016	/	Pass
			-10	NV	5.70	0.0030	/	Pass
			0	NV	-4.40	-0.0023	/	Pass
			10	NV	-2.20	-0.0012	/	Pass
			20	NV	-1.50	-0.0008	/	Pass
			30	NV	7.70	0.0041	/	Pass
			40	NV	3.60	0.0019	/	Pass
			50	NV	4.70	0.0025	/	Pass
DFT-s-OFDM QPSK	1880	Outer_Full	20	LV	3.10	0.0016	/	Pass
				HV	5.00	0.0027	/	Pass
			-30	NV	-2.10	-0.0011	/	Pass
			-20	NV	-2.80	-0.0015	/	Pass
			-10	NV	2.40	0.0013	/	Pass
			0	NV	4.60	0.0024	/	Pass
			10	NV	3.60	0.0019	/	Pass
			20	NV	1.40	0.0007	/	Pass
			30	NV	6.90	0.0037	/	Pass
			40	NV	4.20	0.0022	/	Pass
			50	NV	3.60	0.0019	/	Pass
DFT-s-OFDM 16 QAM	1880	Outer_Full	20	LV	5.70	0.0030	/	Pass
				HV	4.20	0.0022	/	Pass
			-30	NV	7.10	0.0038	/	Pass
			-20	NV	10.70	0.0057	/	Pass
			-10	NV	2.70	0.0014	/	Pass
			0	NV	5.20	0.0028	/	Pass
			10	NV	2.20	0.0012	/	Pass
			20	NV	4.30	0.0023	/	Pass
			30	NV	5.20	0.0028	/	Pass
			40	NV	3.80	0.0020	/	Pass
			50	NV	6.80	0.0036	/	Pass
DFT-s-OFDM 64 QAM	1880	Outer_Full	20	LV	2.60	0.0014	/	Pass
				HV	4.20	0.0022	/	Pass
			-30	NV	4.40	0.0023	/	Pass
			-20	NV	2.00	0.0011	/	Pass
			-10	NV	-2.60	-0.0014	/	Pass

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			0	NV	3.80	0.0020	/	Pass
			10	NV	1.70	0.0009	/	Pass
			20	NV	5.30	0.0028	/	Pass
			30	NV	6.70	0.0036	/	Pass
			40	NV	4.10	0.0022	/	Pass
			50	NV	1.60	0.0009	/	Pass
DFT-s-OFDM 256 QAM	1880	Outer_Full	20	LV	2.00	0.0011	/	Pass
				HV	-5.80	-0.0031	/	Pass
			-30	NV	-1.60	-0.0009	/	Pass
			-20	NV	-4.80	-0.0026	/	Pass
			-10	NV	-3.80	-0.0020	/	Pass
			0	NV	1.60	0.0009	/	Pass
			10	NV	-1.90	-0.0010	/	Pass
			20	NV	3.60	0.0019	/	Pass
			30	NV	-0.80	-0.0004	/	Pass
			40	NV	-7.50	-0.0040	/	Pass
			50	NV	-7.40	-0.0039	/	Pass
CP-OFDM QPSK	1880	Outer_Full	20	LV	-3.10	-0.0016	/	Pass
				HV	-1.30	-0.0007	/	Pass
			-30	NV	3.20	0.0017	/	Pass
			-20	NV	-2.40	-0.0013	/	Pass
			-10	NV	-2.90	-0.0015	/	Pass
			0	NV	3.10	0.0016	/	Pass
			10	NV	3.90	0.0021	/	Pass
			20	NV	1.20	0.0006	/	Pass
			30	NV	3.30	0.0018	/	Pass
			40	NV	-0.20	-0.0001	/	Pass
			50	NV	2.80	0.0015	/	Pass
CP-OFDM 16 QAM	1880	Outer_Full	20	LV	-5.60	-0.0030	/	Pass
				HV	-0.70	-0.0004	/	Pass
			-30	NV	4.30	0.0023	/	Pass
			-20	NV	-2.60	-0.0014	/	Pass
			-10	NV	2.40	0.0013	/	Pass
			0	NV	-2.40	-0.0013	/	Pass
			10	NV	-2.00	-0.0011	/	Pass
			20	NV	-6.60	-0.0035	/	Pass
			30	NV	1.60	0.0009	/	Pass
			40	NV	-5.20	-0.0028	/	Pass
			50	NV	-5.00	-0.0027	/	Pass
CP-OFDM 64 QAM	1880	Outer_Full	20	LV	-1.40	-0.0007	/	Pass
				HV	2.30	0.0012	/	Pass
			-30	NV	-3.80	-0.0020	/	Pass
			-20	NV	-5.30	-0.0028	/	Pass
			-10	NV	2.40	0.0013	/	Pass
			0	NV	-3.90	-0.0021	/	Pass
			10	NV	1.10	0.0006	/	Pass
			20	NV	-1.10	-0.0006	/	Pass
			30	NV	-3.40	-0.0018	/	Pass

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			40	NV	6.90	0.0037	/	Pass
			50	NV	-3.50	-0.0019	/	Pass
CP-OFDM 256 QAM	1880	Outer_Full	20	LV	0.80	0.0004	/	Pass
				HV	-1.40	-0.0007	/	Pass
			-30	NV	3.40	0.0018	/	Pass
			-20	NV	-4.10	-0.0022	/	Pass
			-10	NV	-3.70	-0.0020	/	Pass
			0	NV	2.30	0.0012	/	Pass
			10	NV	-3.10	-0.0016	/	Pass
			20	NV	1.30	0.0007	/	Pass
			30	NV	-3.00	-0.0016	/	Pass
			40	NV	2.70	0.0014	/	Pass
			50	NV	2.10	0.0011	/	Pass

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3. 99% & 26dB Bandwidth

3.1 15k_SISO_5MHz_NTNV

3.1.1 Test Result

5G NR n2 SCS=15kHz SISO 5MHz NTNV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	1852.5	Outer_Full	4.53	5.06	/	Pass
	1880	Outer_Full	4.53	5.09	/	Pass
	1907.5	Outer_Full	4.53	5.07	/	Pass
DFT-s-OFDM QPSK	1852.5	Outer_Full	4.53	5.04	/	Pass
	1880	Outer_Full	4.52	5.03	/	Pass
	1907.5	Outer_Full	4.52	5.06	/	Pass
DFT-s-OFDM 16 QAM	1852.5	Outer_Full	4.54	5.05	/	Pass
	1880	Outer_Full	4.54	5.02	/	Pass
	1907.5	Outer_Full	4.54	5.08	/	Pass
DFT-s-OFDM 64 QAM	1852.5	Outer_Full	4.53	5.08	/	Pass
	1880	Outer_Full	4.53	5.03	/	Pass
	1907.5	Outer_Full	4.53	5.05	/	Pass
DFT-s-OFDM 256 QAM	1852.5	Outer_Full	4.53	5.07	/	Pass
	1880	Outer_Full	4.53	5.08	/	Pass
	1907.5	Outer_Full	4.52	5.06	/	Pass
CP-OFDM QPSK	1852.5	Outer_Full	4.52	5.11	/	Pass
	1880	Outer_Full	4.53	5.11	/	Pass
	1907.5	Outer_Full	4.54	5.09	/	Pass
CP-OFDM 16 QAM	1852.5	Outer_Full	4.57	5.12	/	Pass
	1880	Outer_Full	4.57	5.09	/	Pass
	1907.5	Outer_Full	4.54	5.06	/	Pass
CP-OFDM 64 QAM	1852.5	Outer_Full	4.52	5.12	/	Pass
	1880	Outer_Full	4.53	5.14	/	Pass
	1907.5	Outer_Full	4.54	5.12	/	Pass
CP-OFDM 256 QAM	1852.5	Outer_Full	4.53	5.09	/	Pass
	1880	Outer_Full	4.55	5.08	/	Pass
	1907.5	Outer_Full	4.54	5.09	/	Pass

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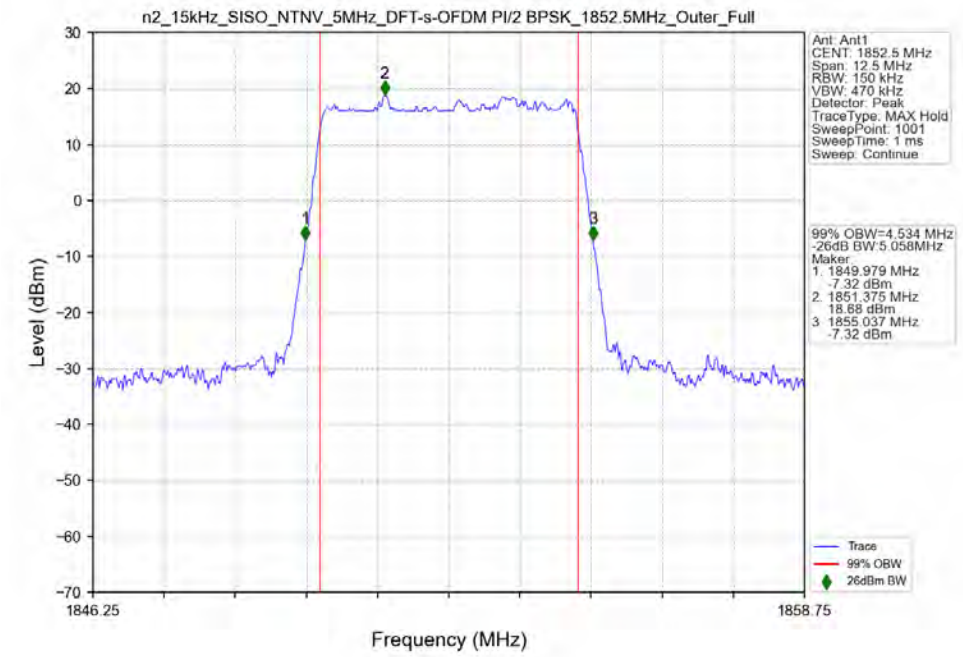
3.1.2 Test Graph

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



n2_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_1880MHz_Outer_Full

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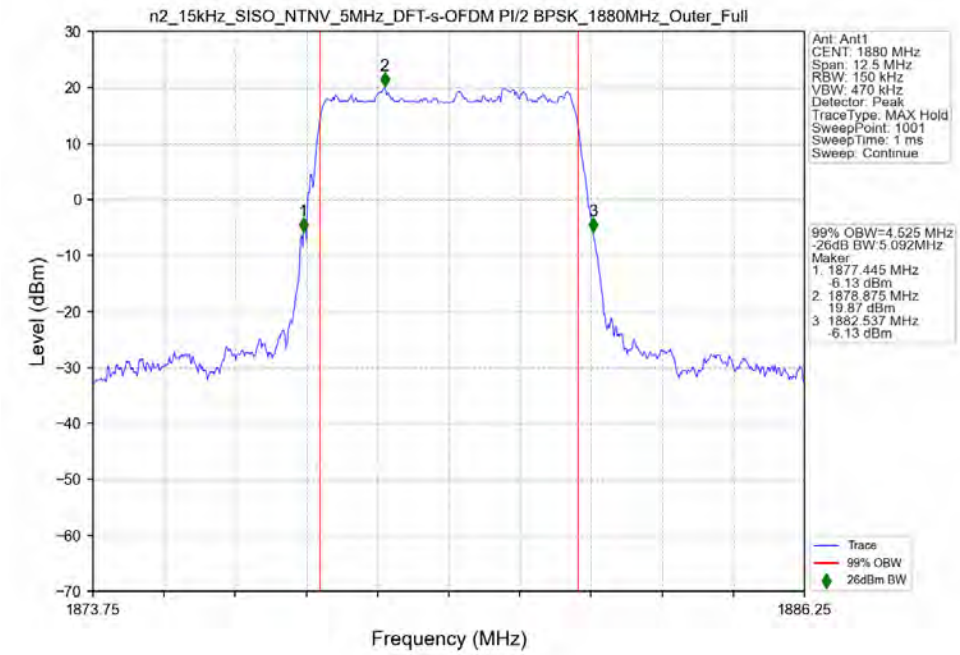

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n2_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_1907.5MHz_Outer_Full

n2_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_1852.5MHz_Outer_Full

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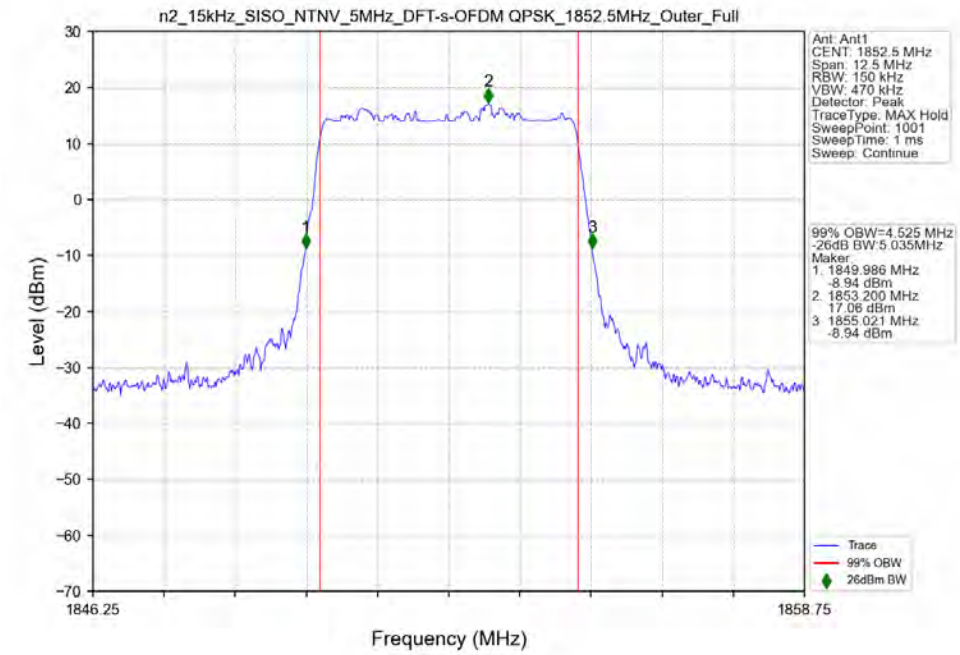

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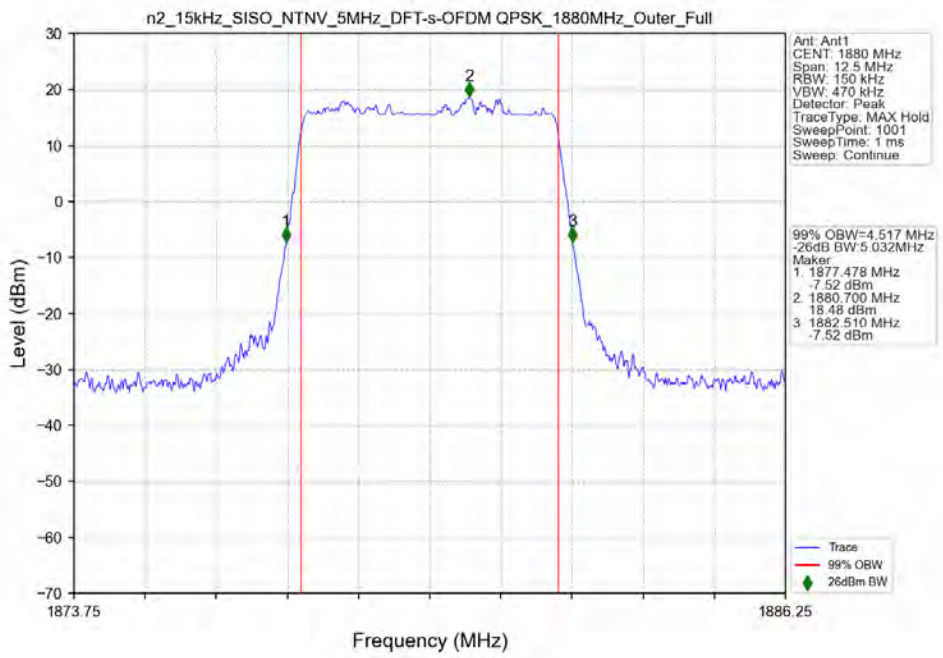
n2_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_1880MHz_Outer_Full



n2_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_1907.5MHz_Outer_Full

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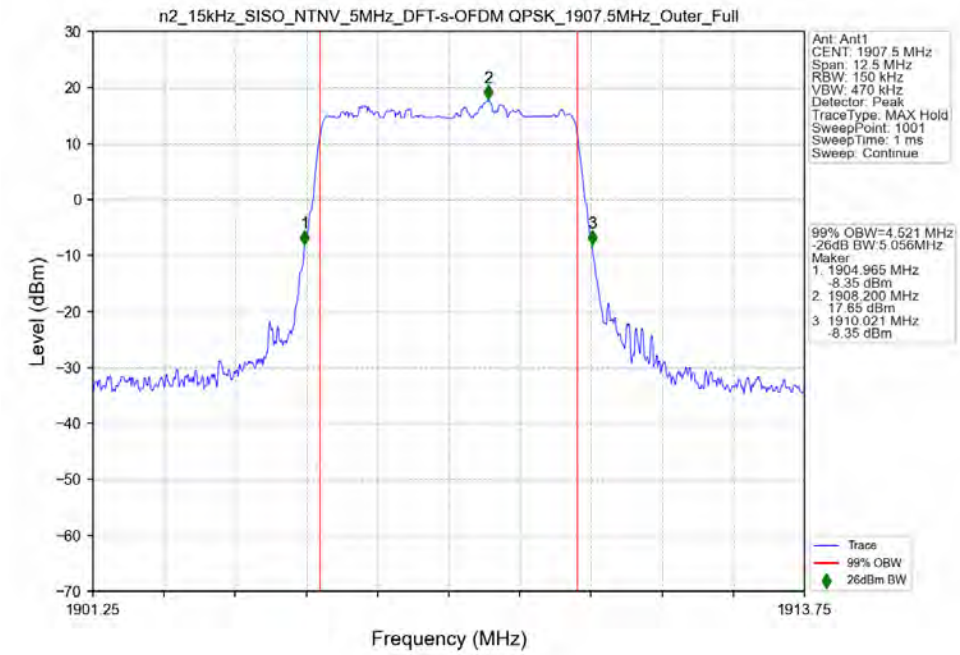

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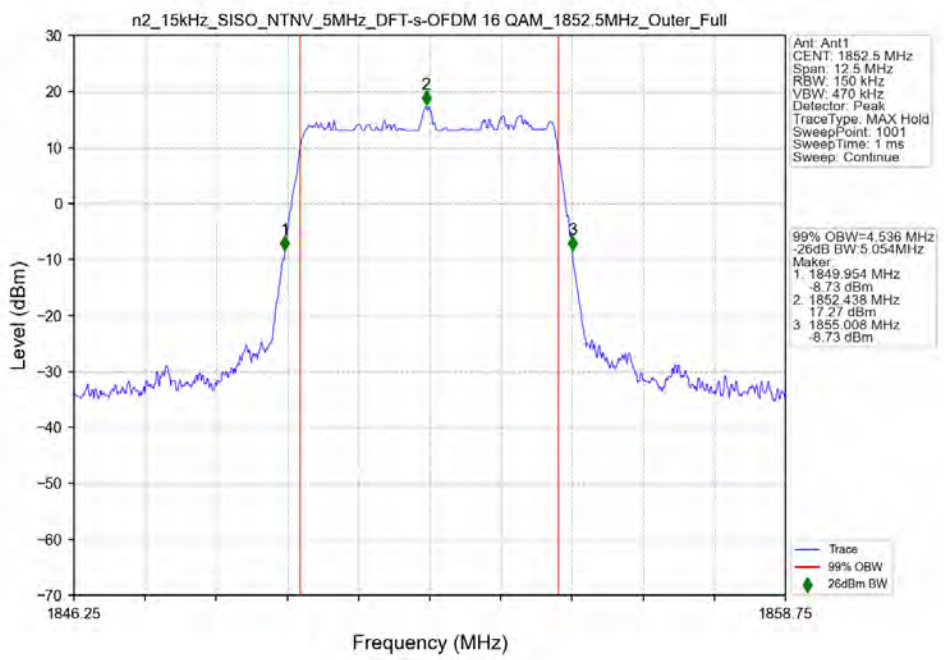
n2_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 16 QAM_1852.5MHz_Outer_Full



n2_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 16 QAM_1880MHz_Outer_Full

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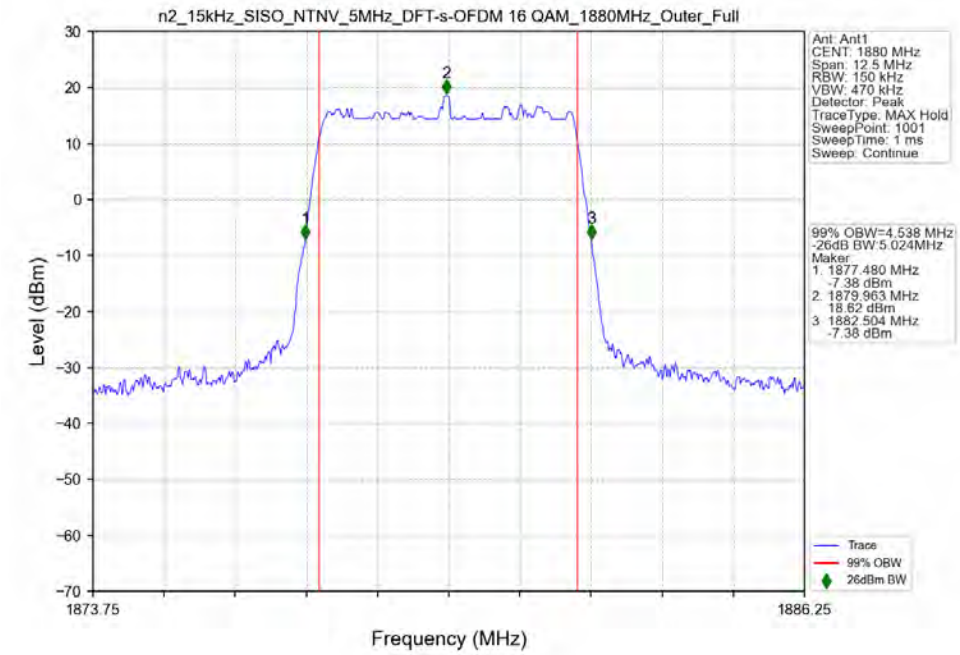

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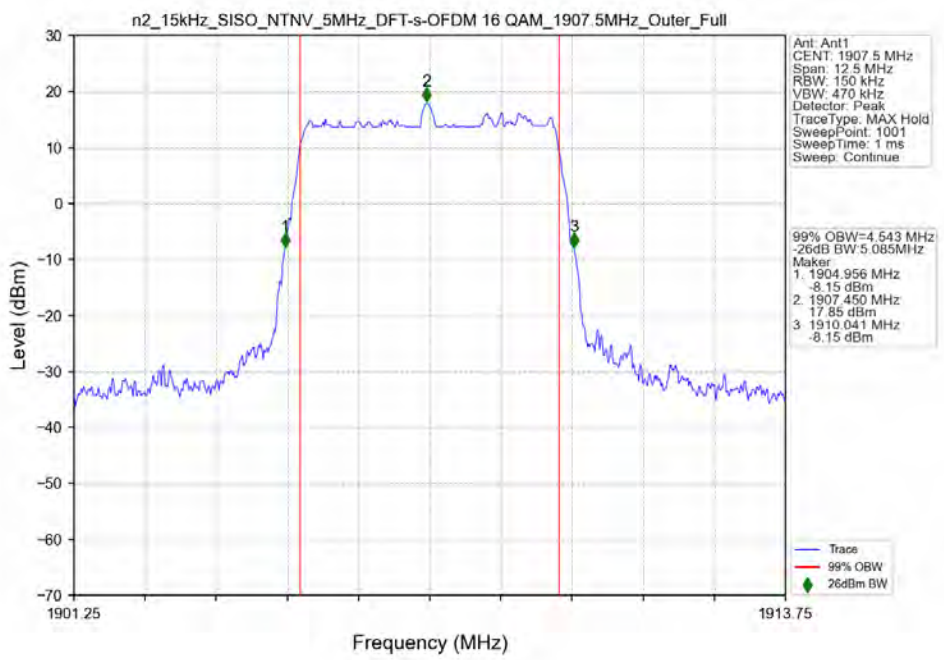

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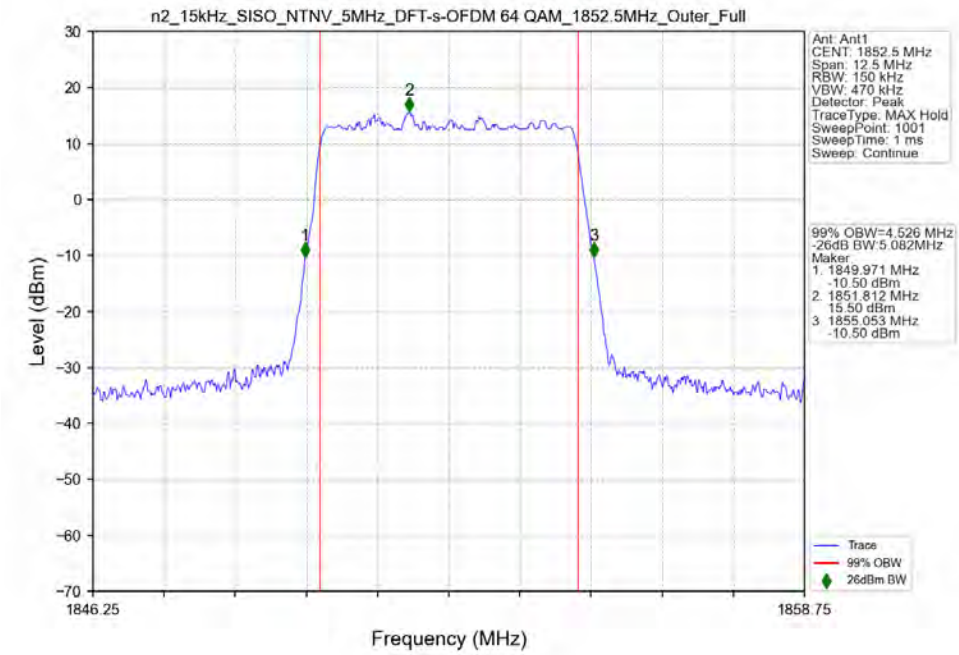

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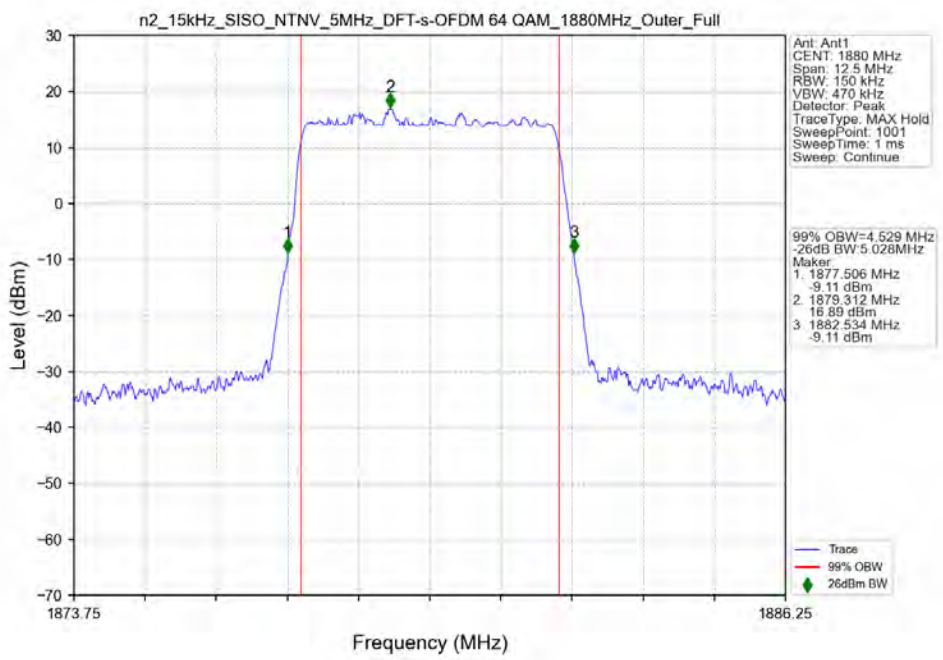

n2_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 64 QAM_1907.5MHz_Outer_Full

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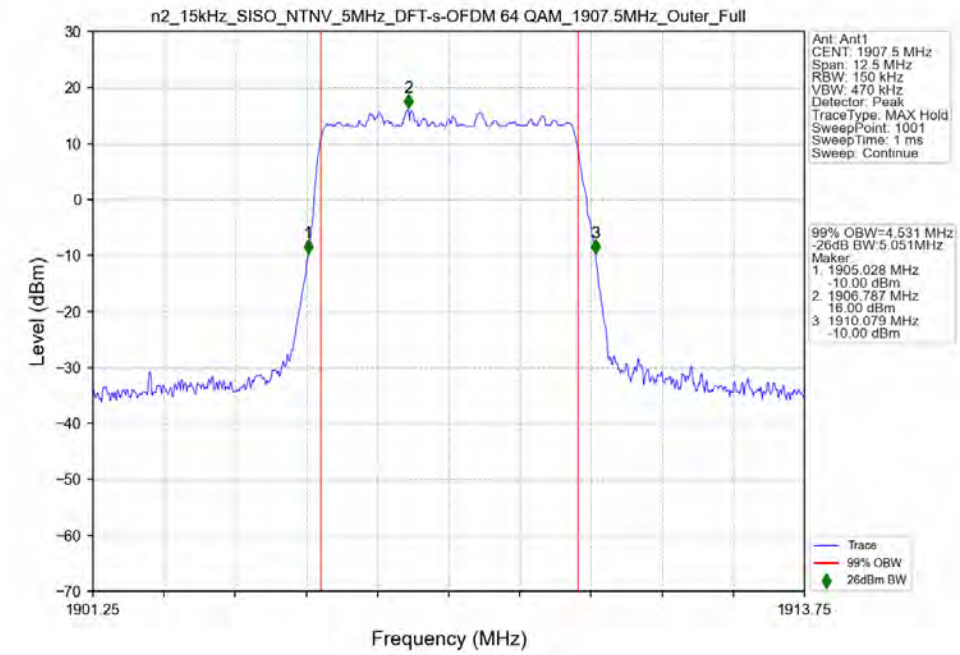

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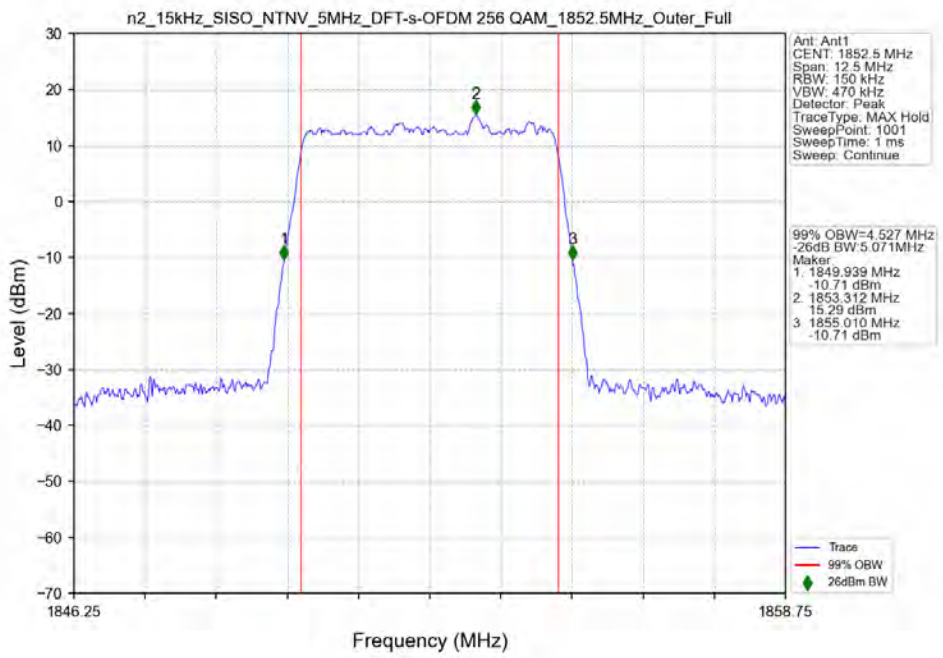

n2_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 256 QAM_1880MHz_Outer_Full

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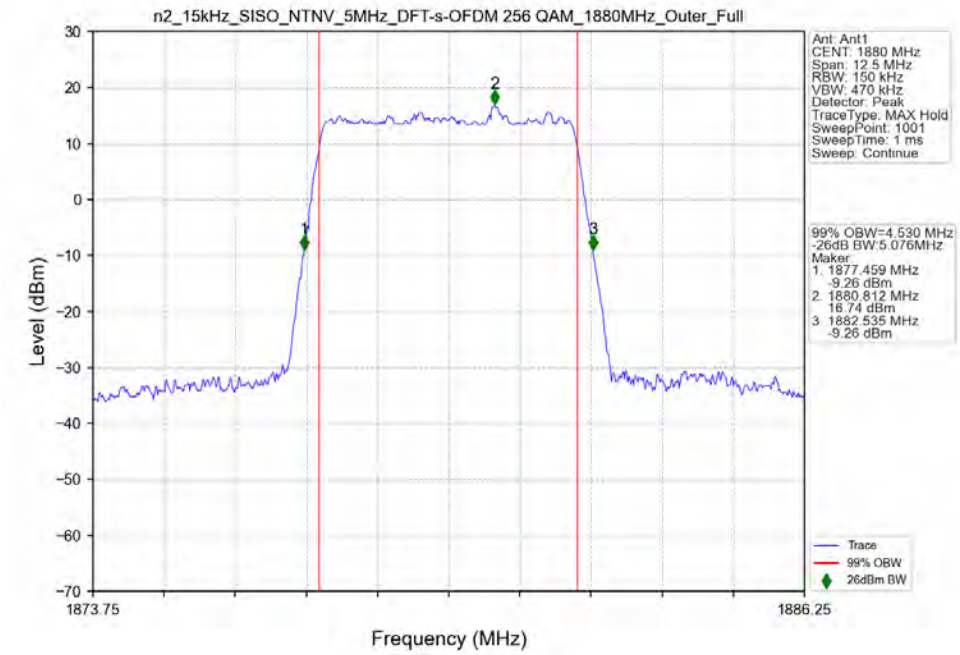

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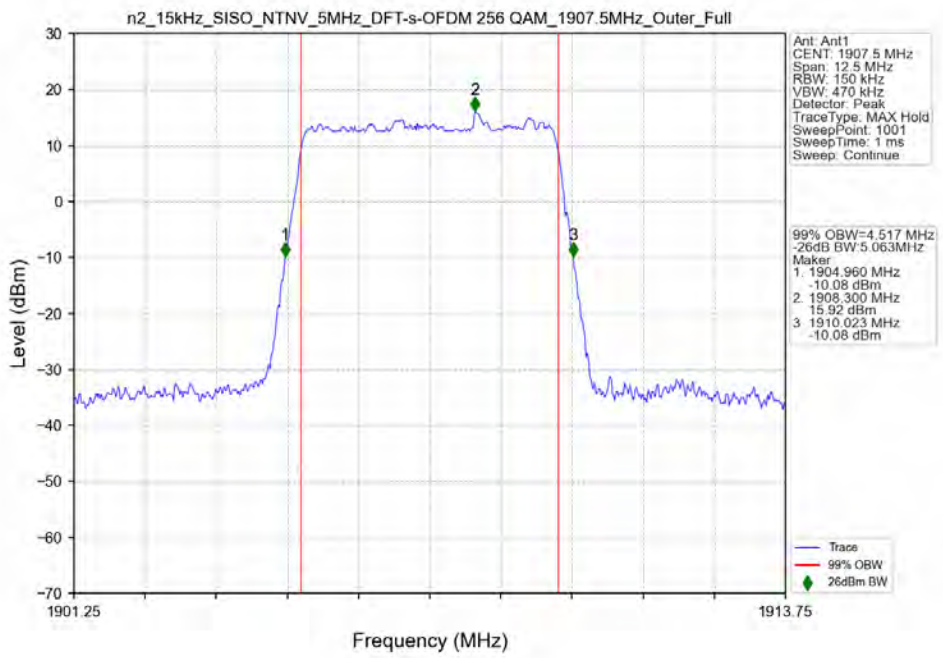
n2_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 256 QAM_1907.5MHz_Outer_Full



n2_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_1852.5MHz_Outer_Full

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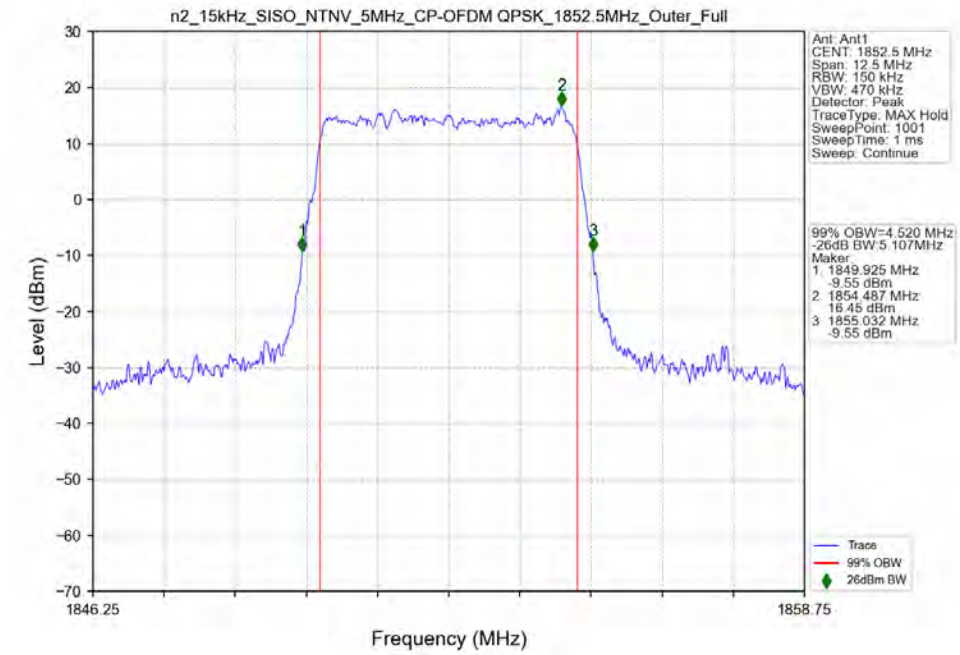

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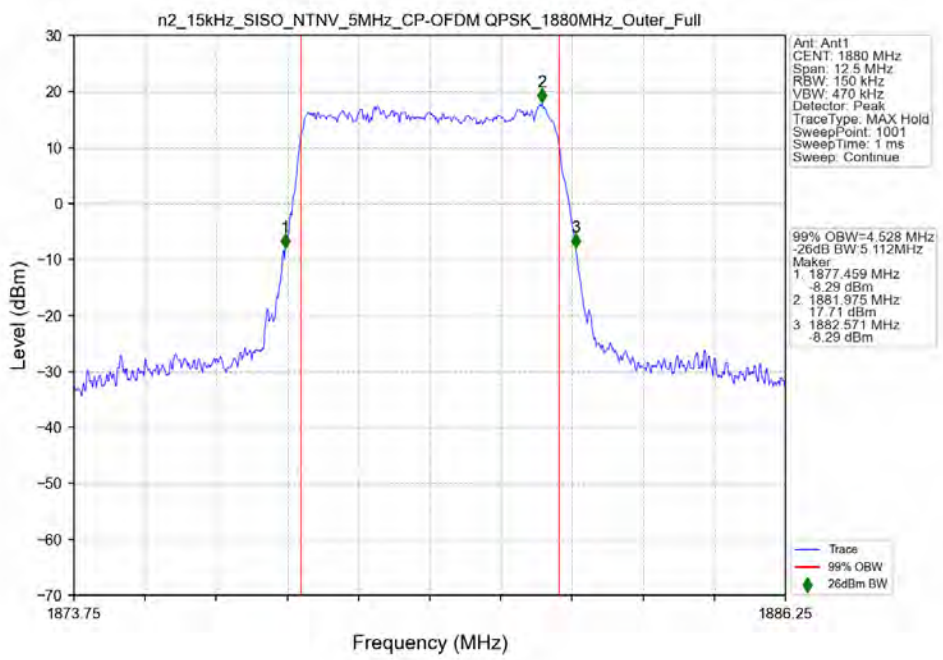

n2_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_1907.5MHz_Outer_Full

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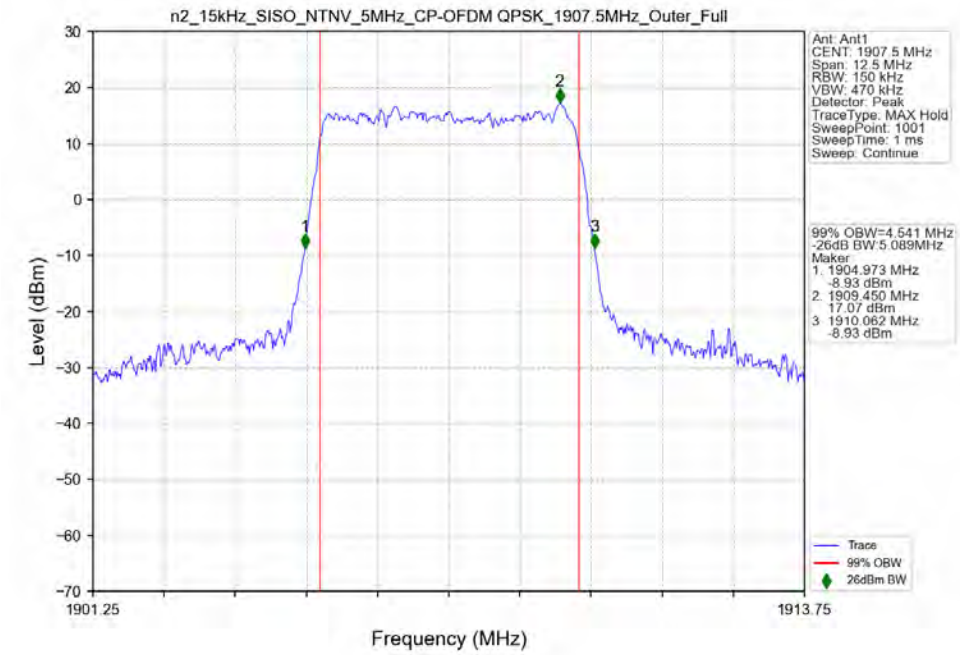

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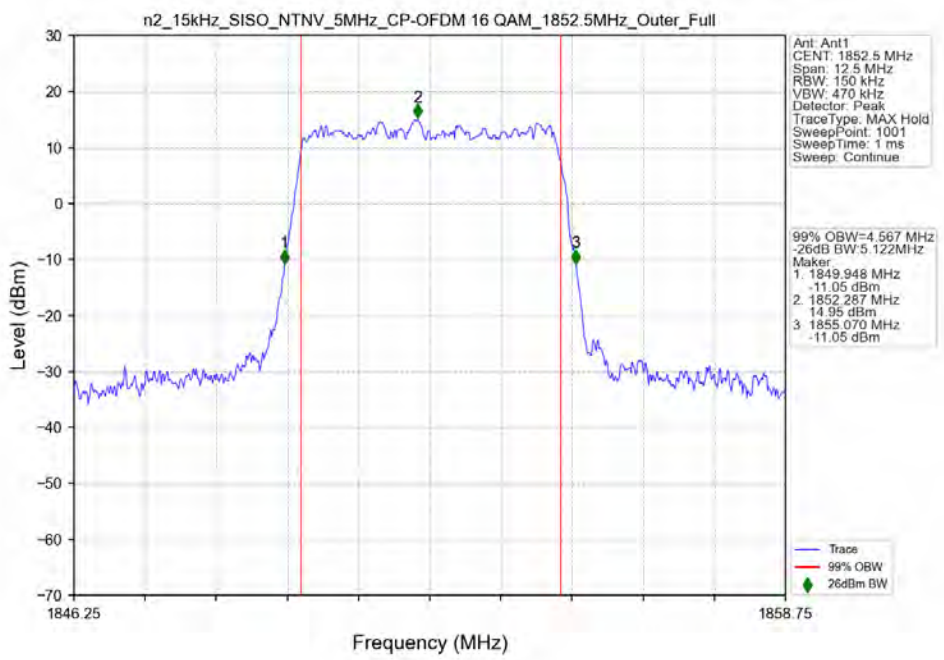

n2_15kHz_SISO_NTNV_5MHz_CP-OFDM 16 QAM_1880MHz_Outer_Full

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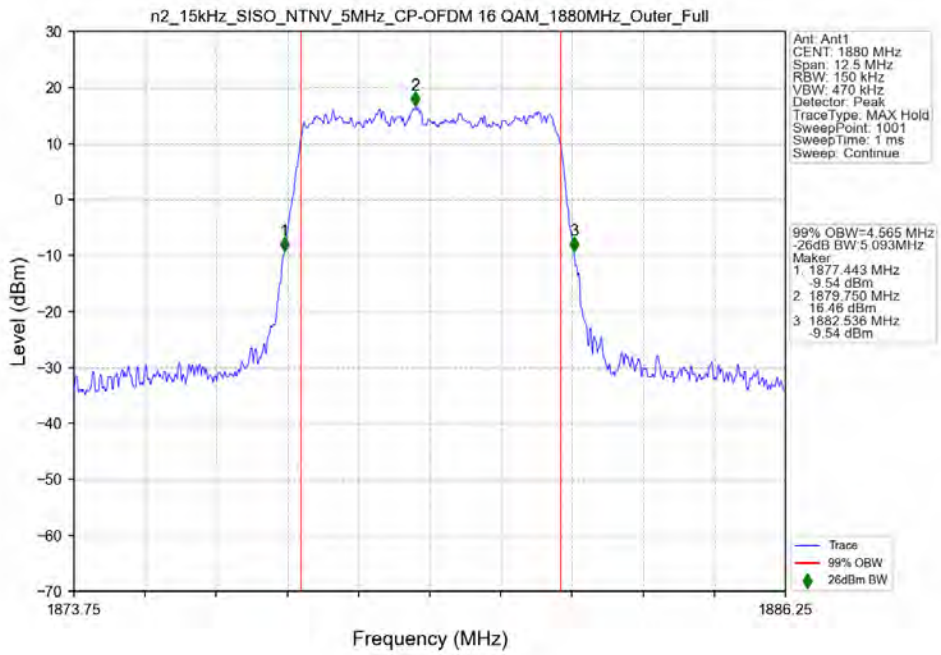

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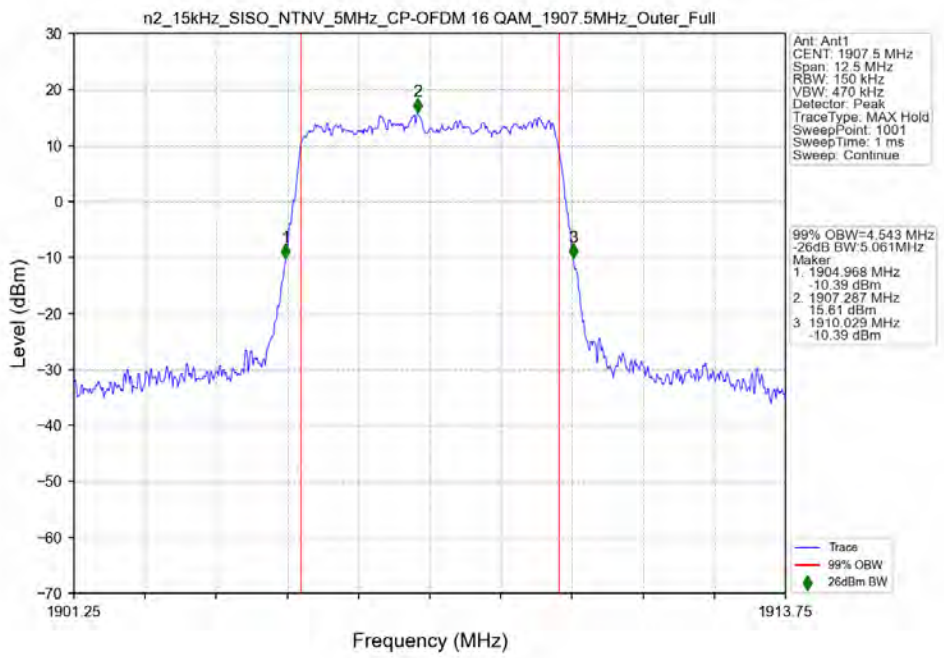

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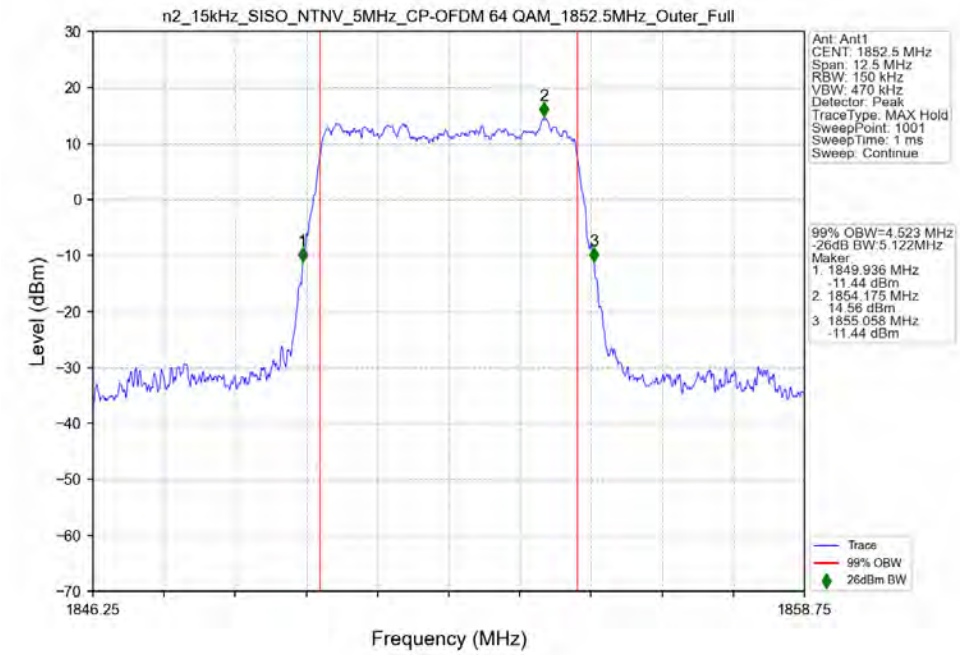

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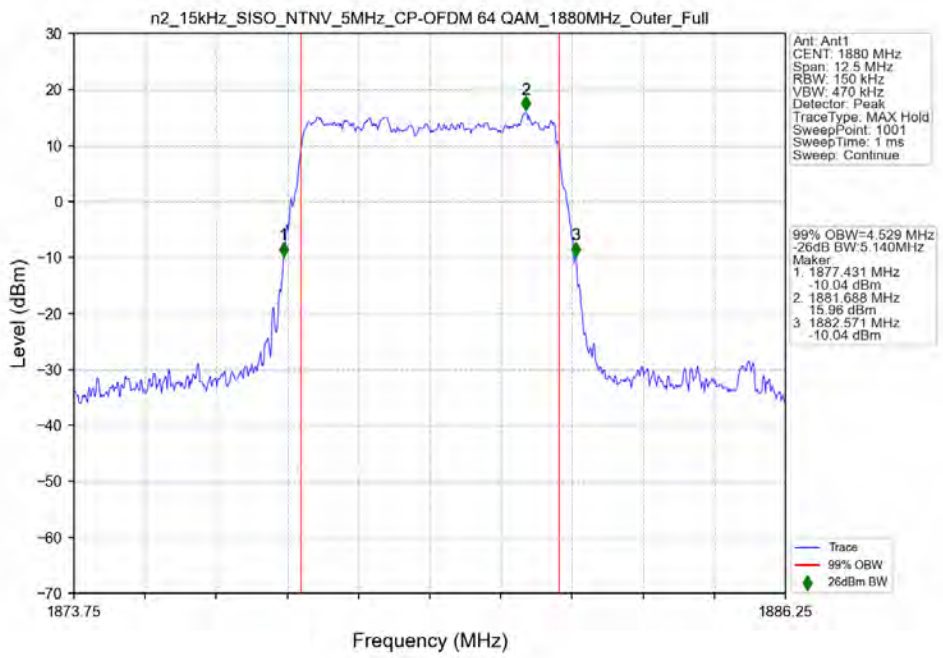

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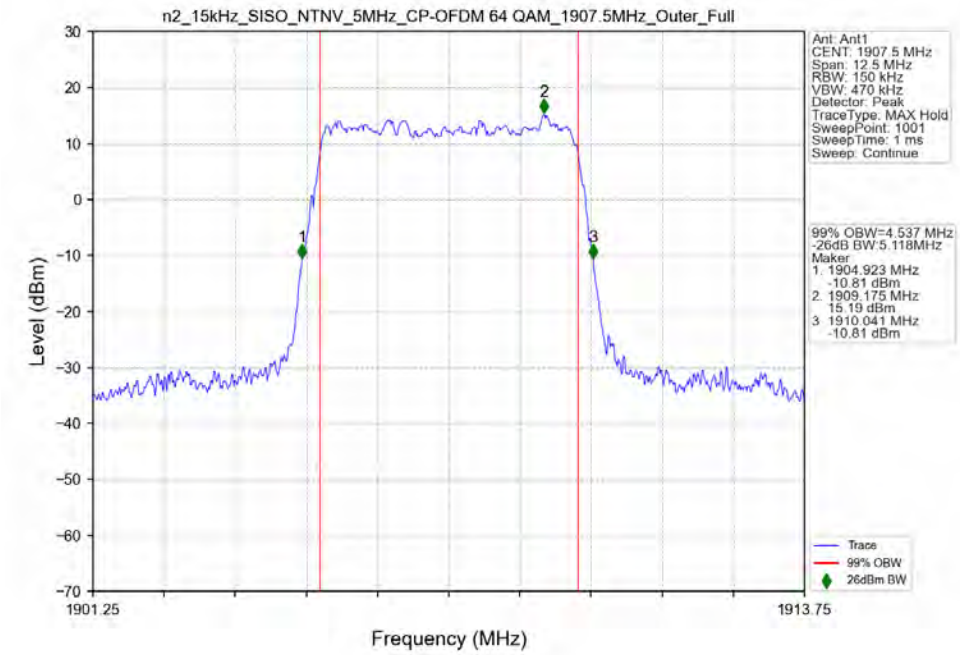

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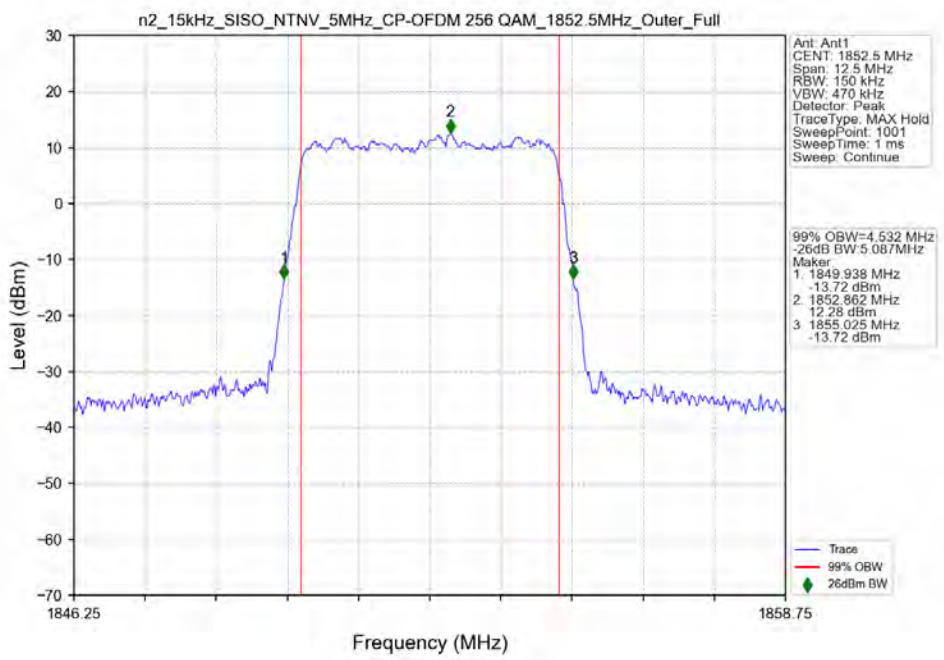

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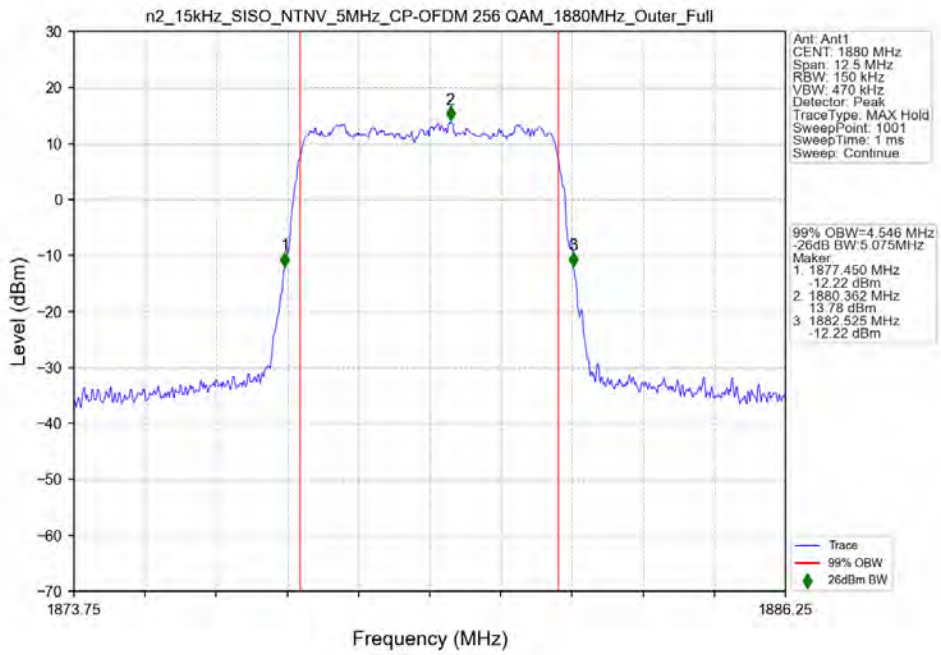

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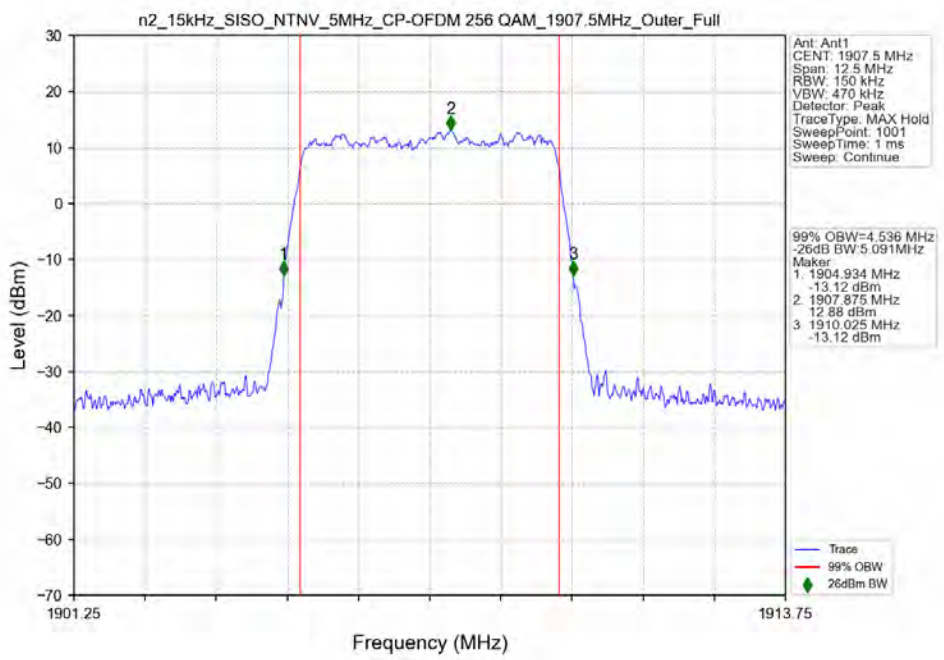
n2_15kHz_SISO_NTNV_5MHz_CP-OFDM 256 QAM_1907.5MHz_Outer_Full



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3.2 15k_SISO_10MHz_NTNV

3.2.1 Test Result

5G NR n2 SCS=15kHz SISO 10MHz NTNV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	1855	Outer_Full	9.04	9.84	/	Pass
	1880	Outer_Full	9.03	9.82	/	Pass
	1905	Outer_Full	9.04	9.79	/	Pass
DFT-s-OFDM QPSK	1855	Outer_Full	9.07	9.85	/	Pass
	1880	Outer_Full	9.07	9.88	/	Pass
	1905	Outer_Full	9.09	9.87	/	Pass
DFT-s-OFDM 16 QAM	1855	Outer_Full	9.07	9.83	/	Pass
	1880	Outer_Full	9.07	9.84	/	Pass
	1905	Outer_Full	9.07	9.88	/	Pass
DFT-s-OFDM 64 QAM	1855	Outer_Full	9.04	9.87	/	Pass
	1880	Outer_Full	9.05	9.92	/	Pass
	1905	Outer_Full	9.05	9.88	/	Pass
DFT-s-OFDM 256 QAM	1855	Outer_Full	9.05	9.86	/	Pass
	1880	Outer_Full	9.04	9.86	/	Pass
	1905	Outer_Full	9.06	9.89	/	Pass
CP-OFDM QPSK	1855	Outer_Full	9.38	10.26	/	Pass
	1880	Outer_Full	9.38	10.26	/	Pass
	1905	Outer_Full	9.37	10.26	/	Pass
CP-OFDM 16 QAM	1855	Outer_Full	9.39	10.24	/	Pass
	1880	Outer_Full	9.39	10.19	/	Pass
	1905	Outer_Full	9.39	10.24	/	Pass
CP-OFDM 64 QAM	1855	Outer_Full	9.35	10.18	/	Pass
	1880	Outer_Full	9.35	10.15	/	Pass
	1905	Outer_Full	9.35	10.15	/	Pass
CP-OFDM 256 QAM	1855	Outer_Full	9.40	10.25	/	Pass
	1880	Outer_Full	9.41	10.22	/	Pass
	1905	Outer_Full	9.40	10.23	/	Pass

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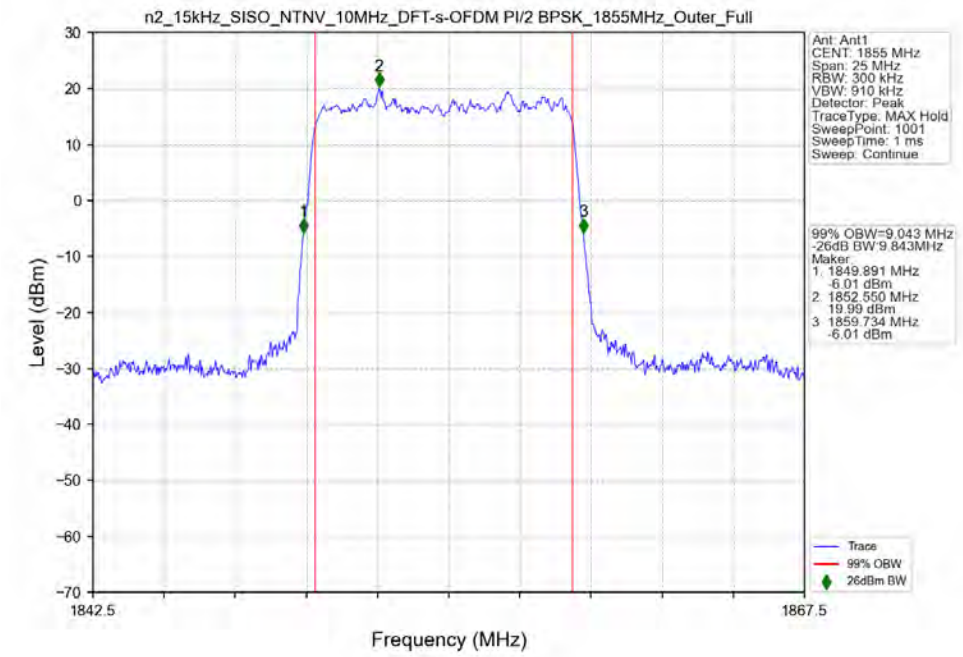
3.2.2 Test Graph

n2_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_1855MHz_Outer_Full



n2_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_1880MHz_Outer_Full

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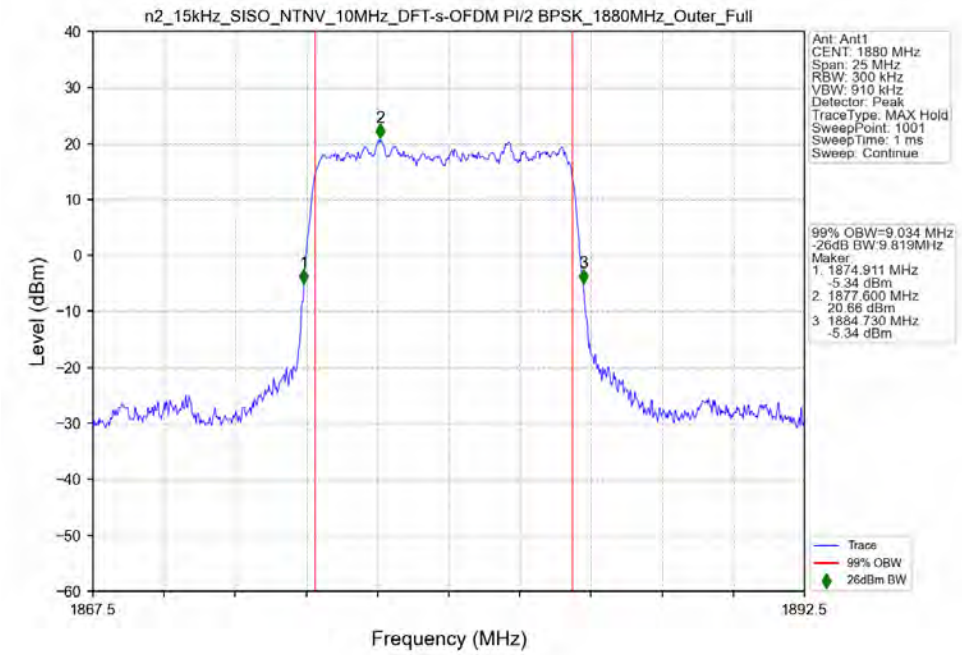

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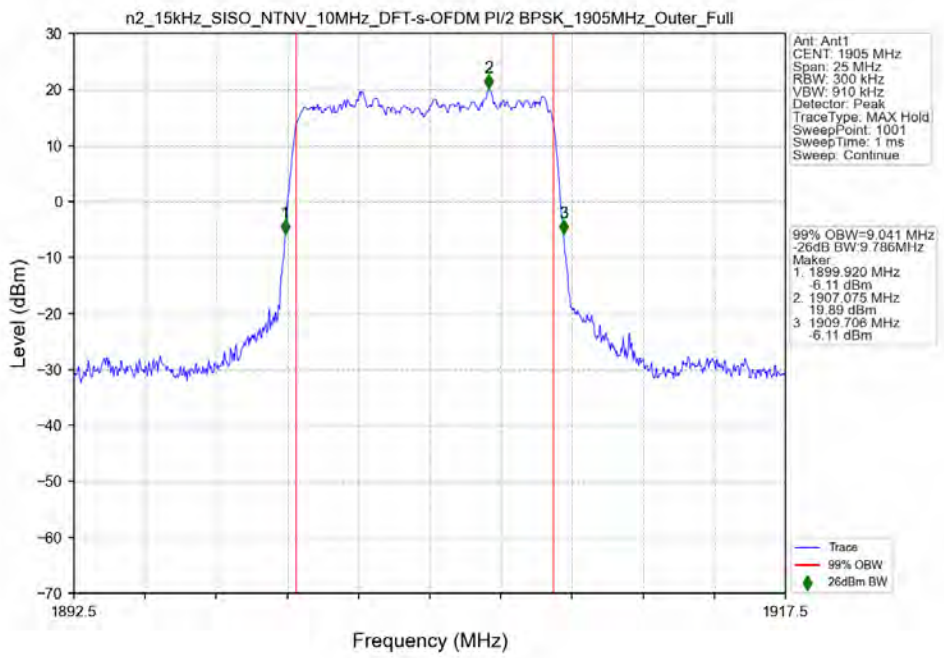
n2_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_1905MHz_Outer_Full



n2_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_1855MHz_Outer_Full

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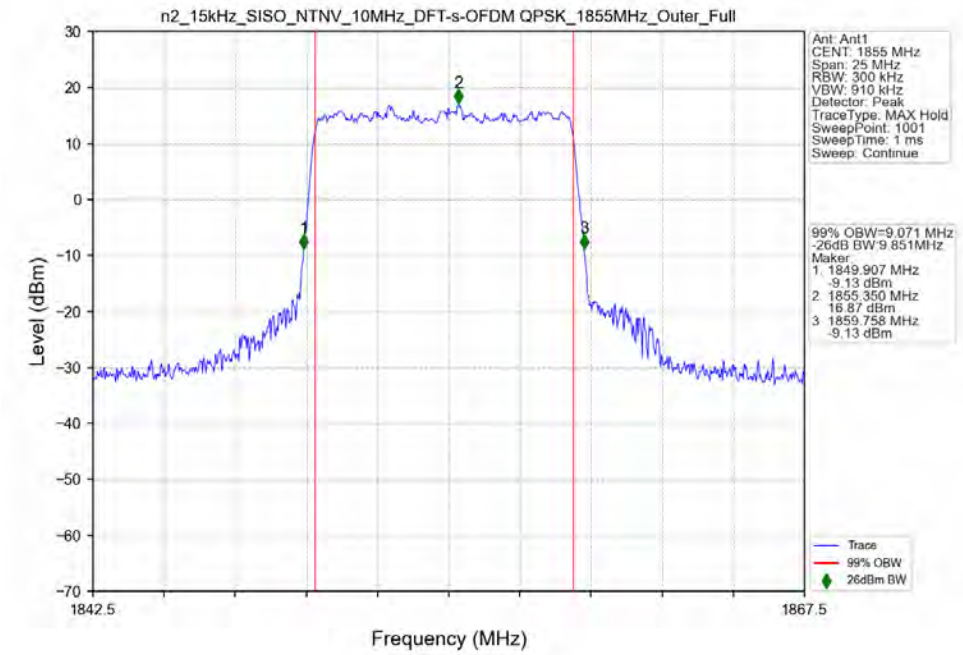

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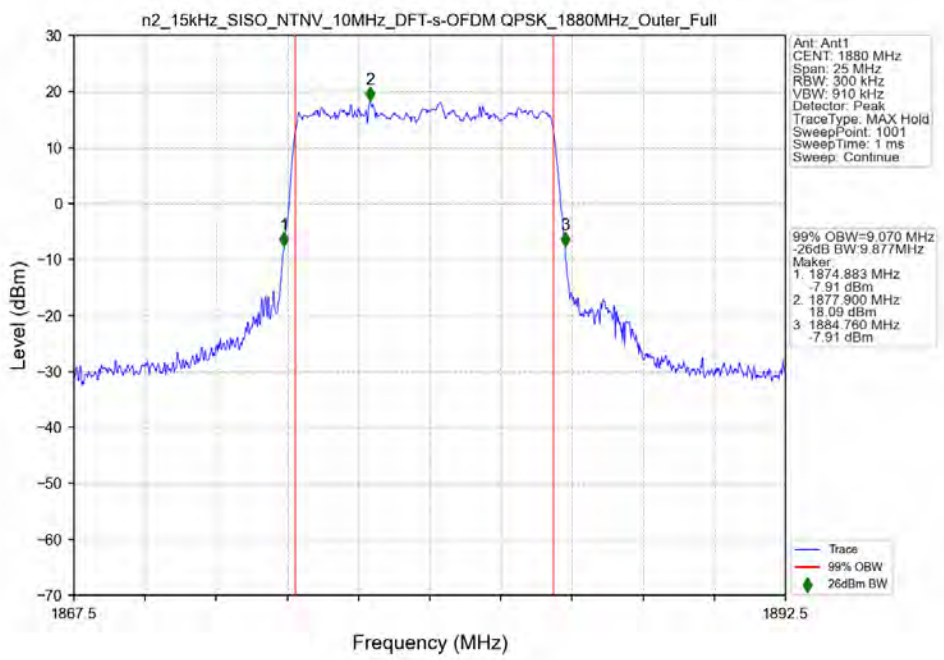
n2_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_1880MHz_Outer_Full



n2_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_1905MHz_Outer_Full

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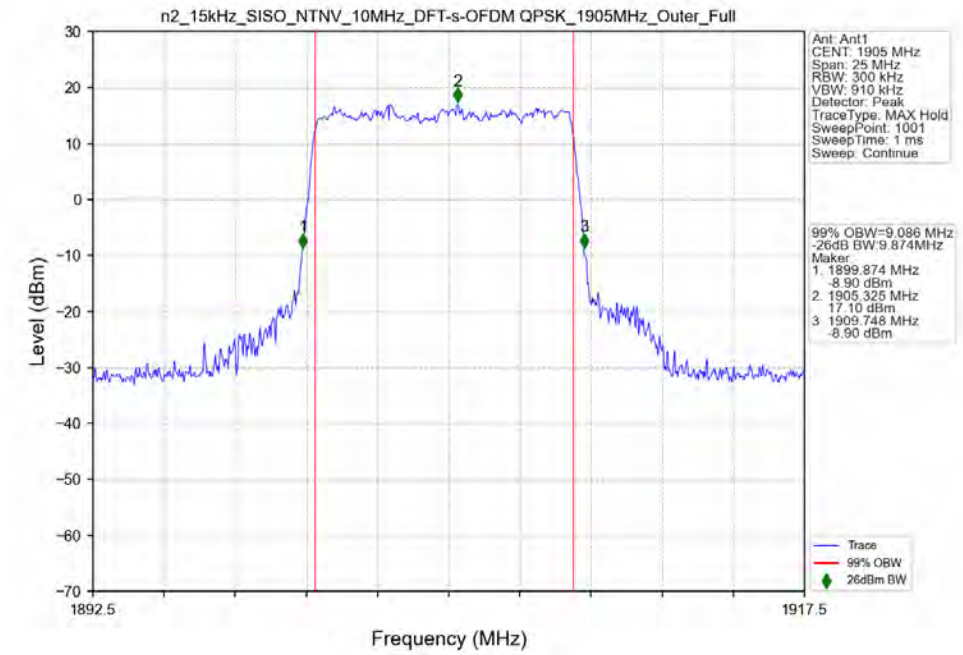

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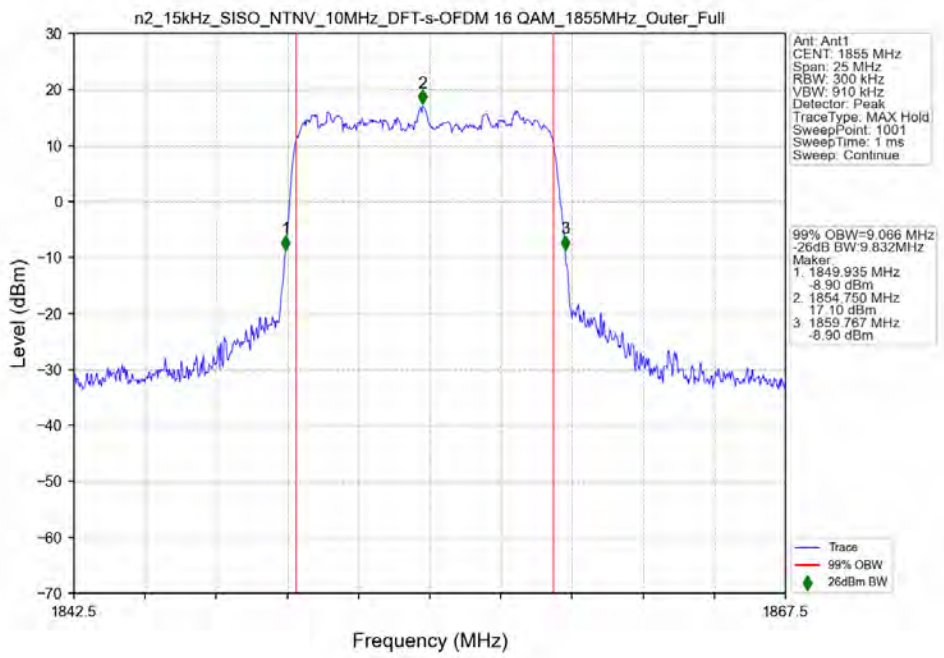

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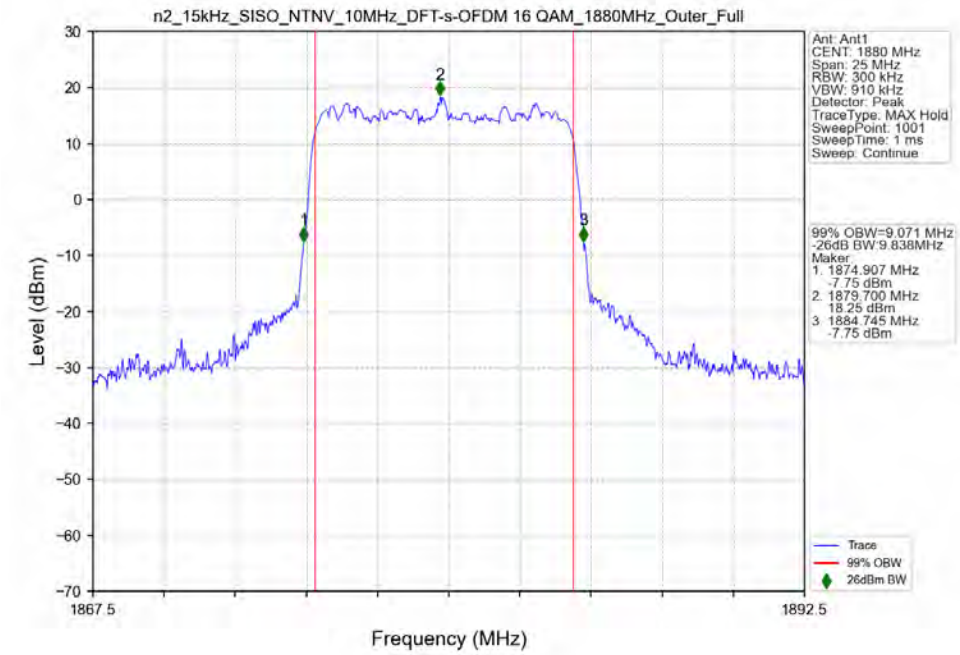

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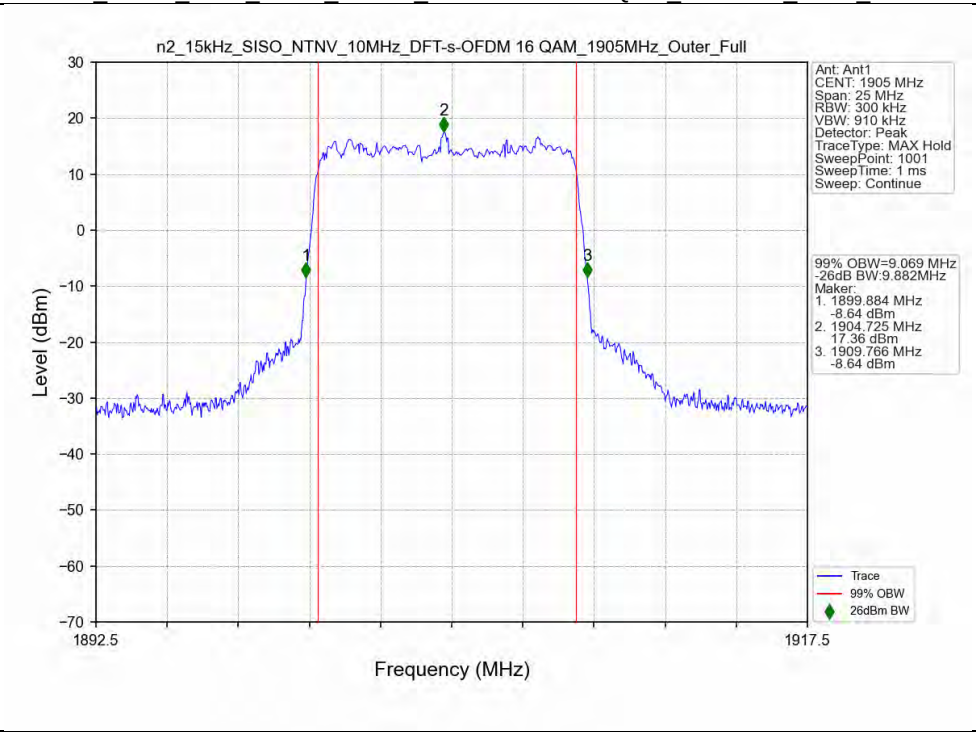
n2_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 16 QAM_1905MHz_Outer_Full



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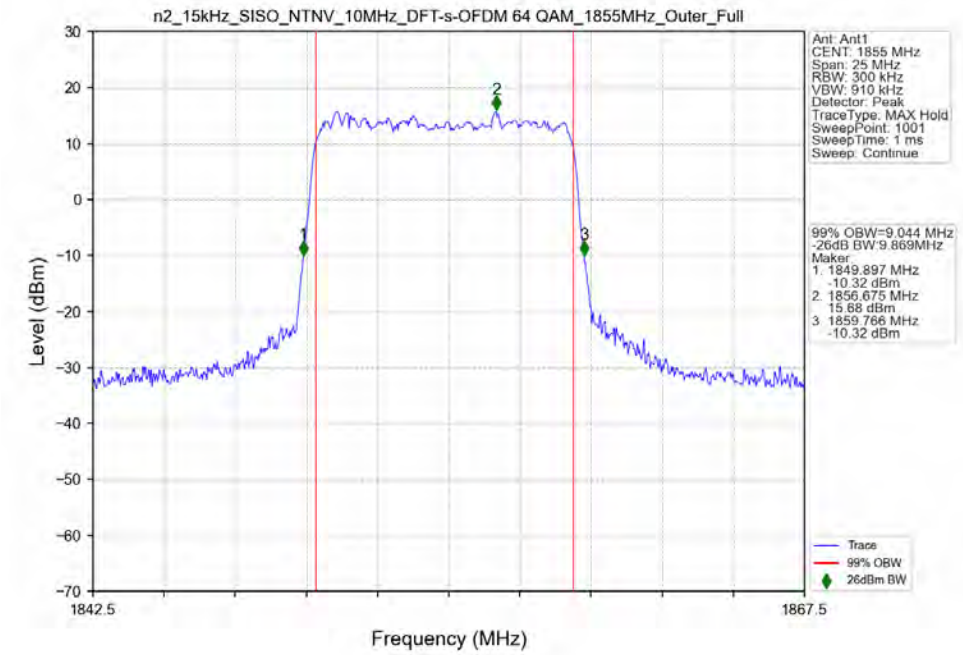

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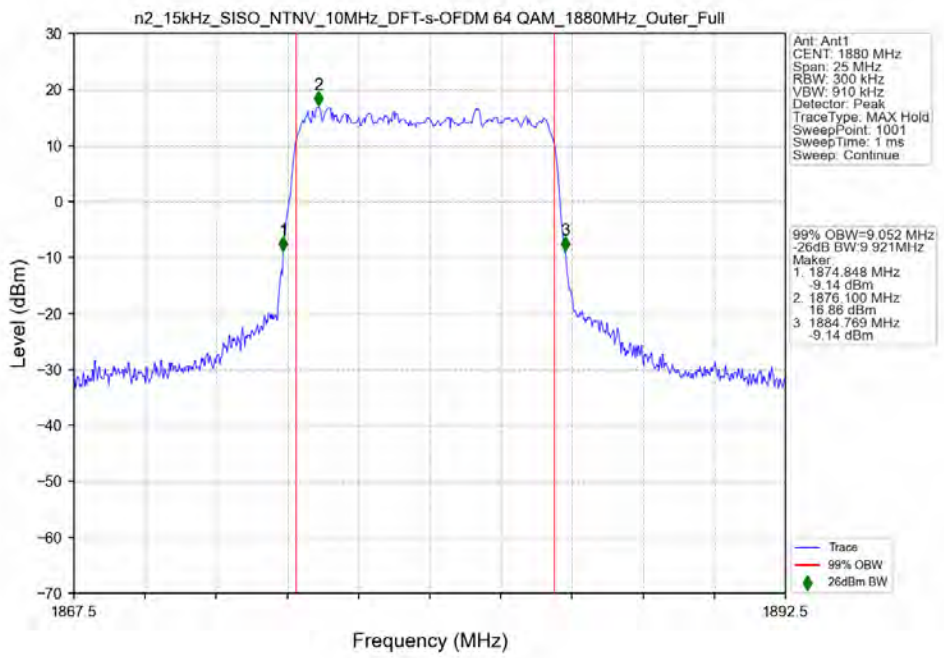

n2_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 64 QAM_1905MHz_Outer_Full

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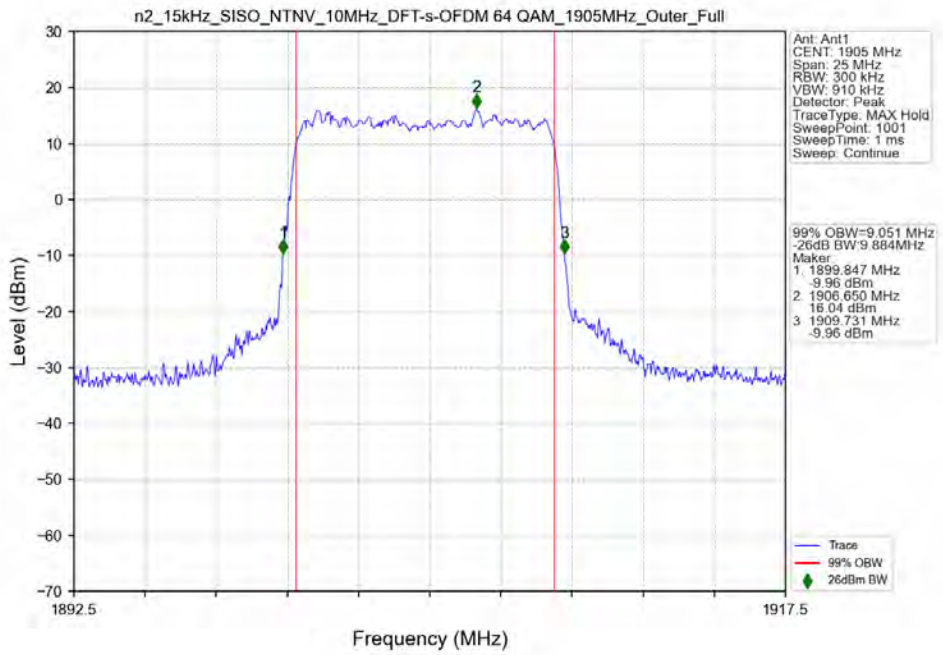

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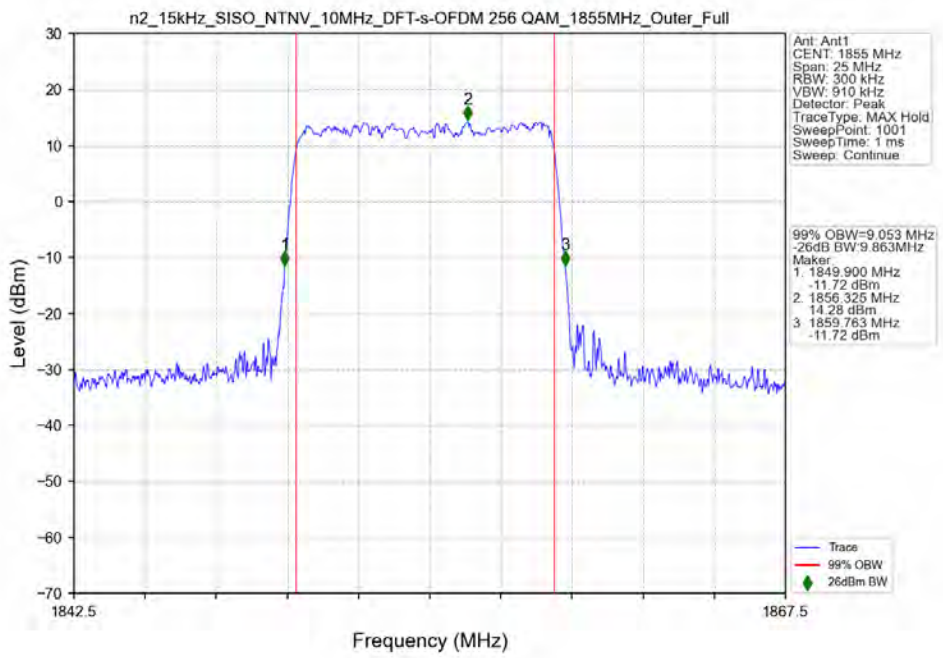
n2_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 256 QAM_1855MHz_Outer_Full



n2_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 256 QAM_1880MHz_Outer_Full

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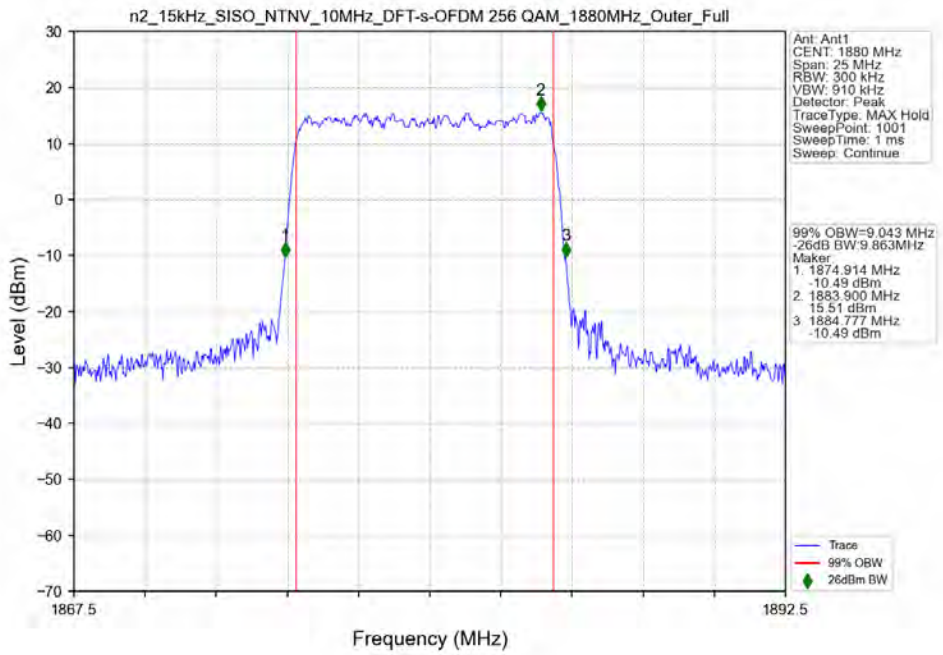

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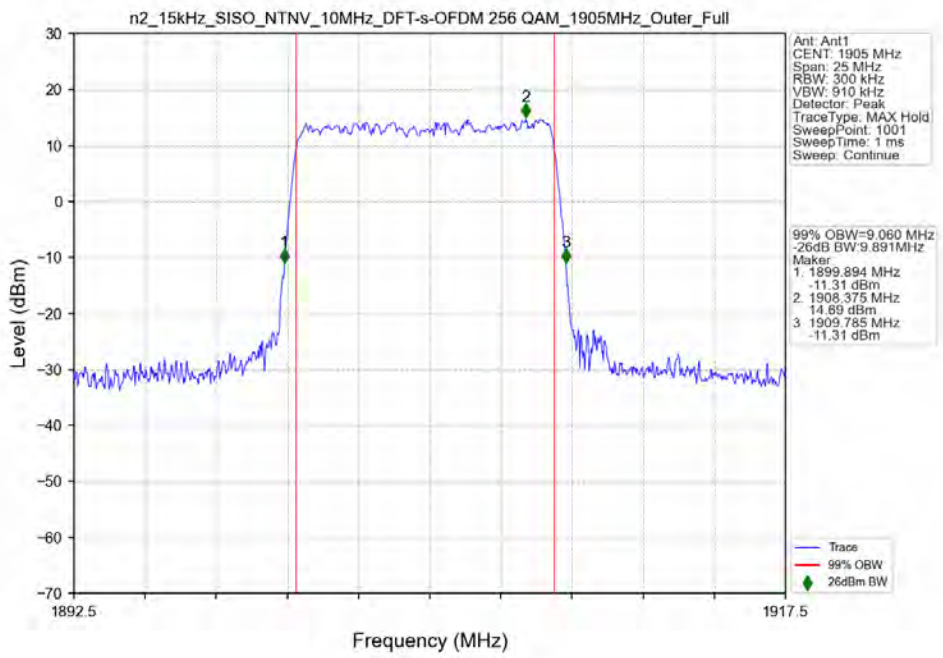

n2_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_1855MHz_Outer_Full

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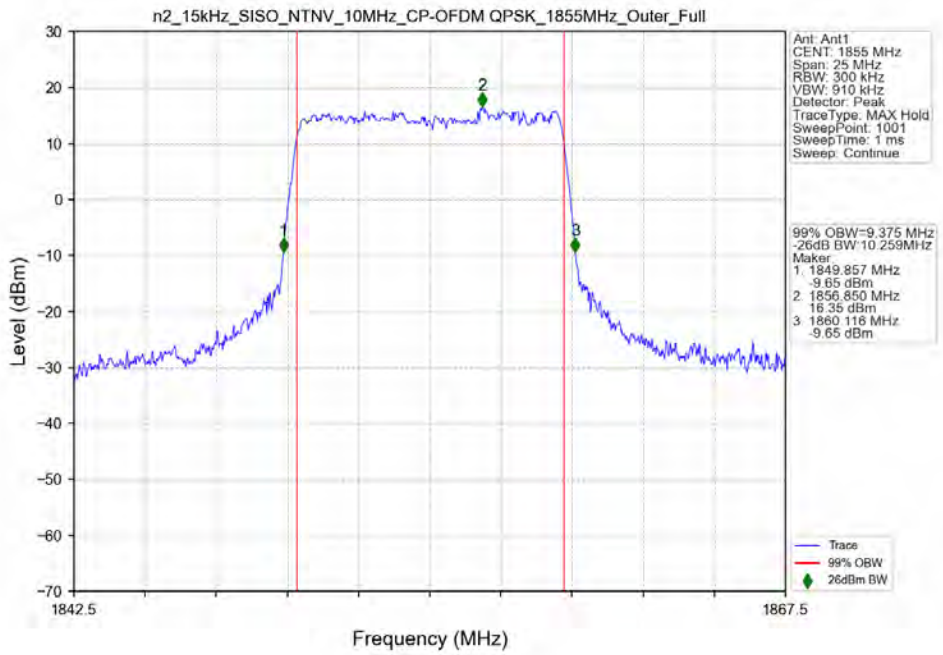

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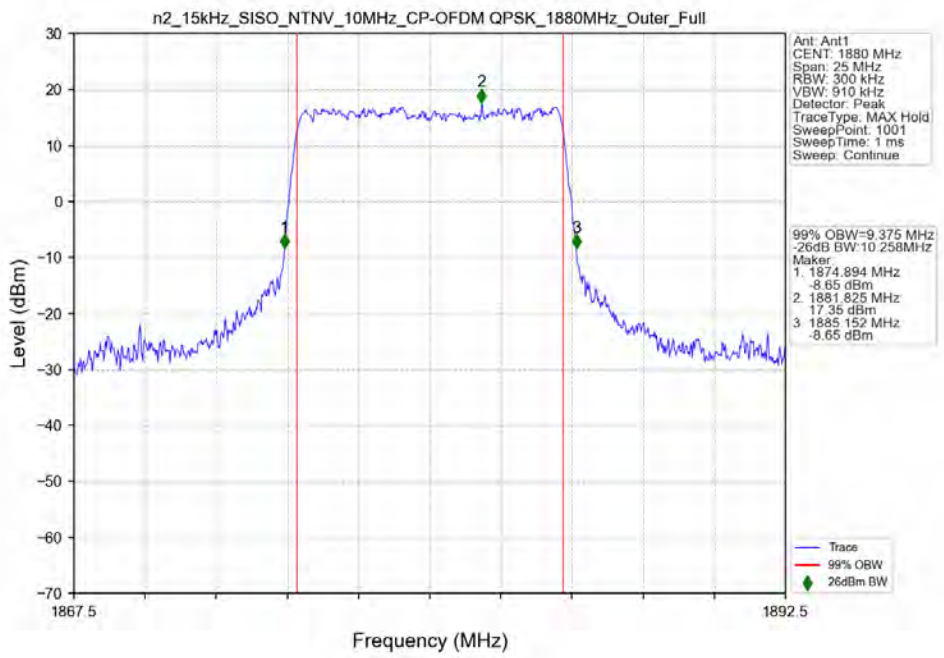

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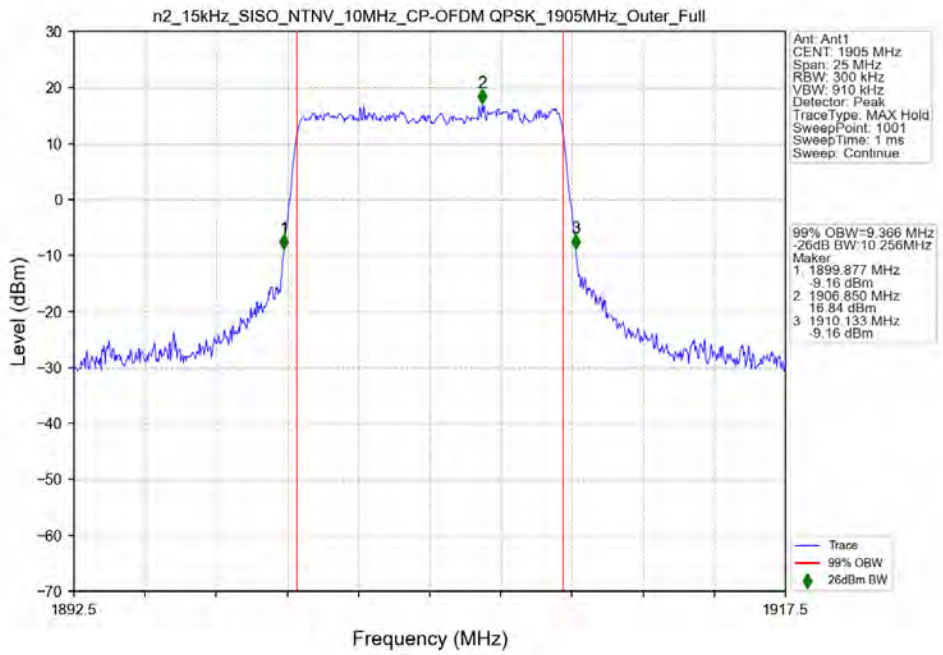

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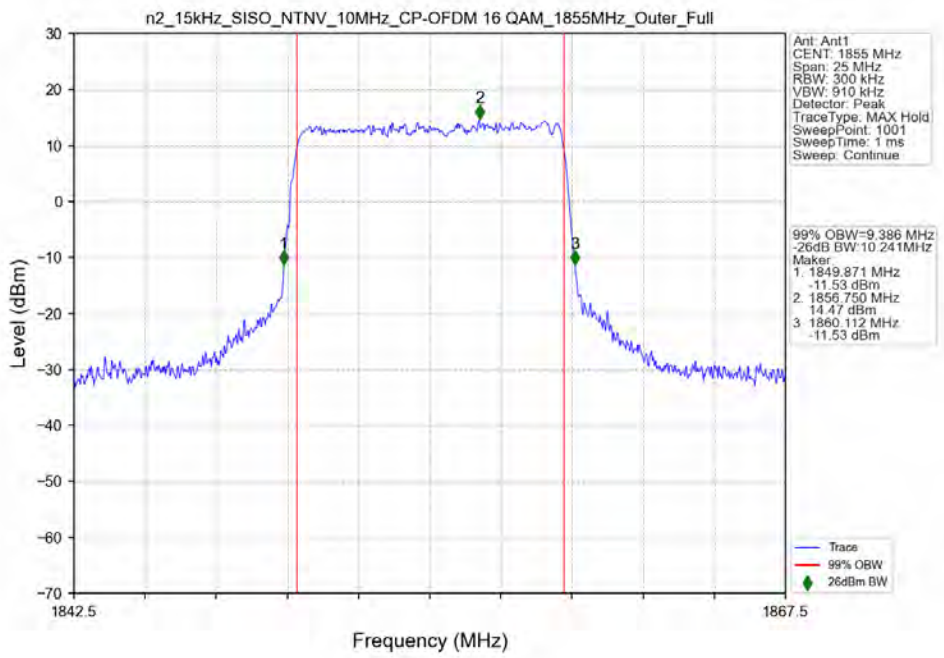

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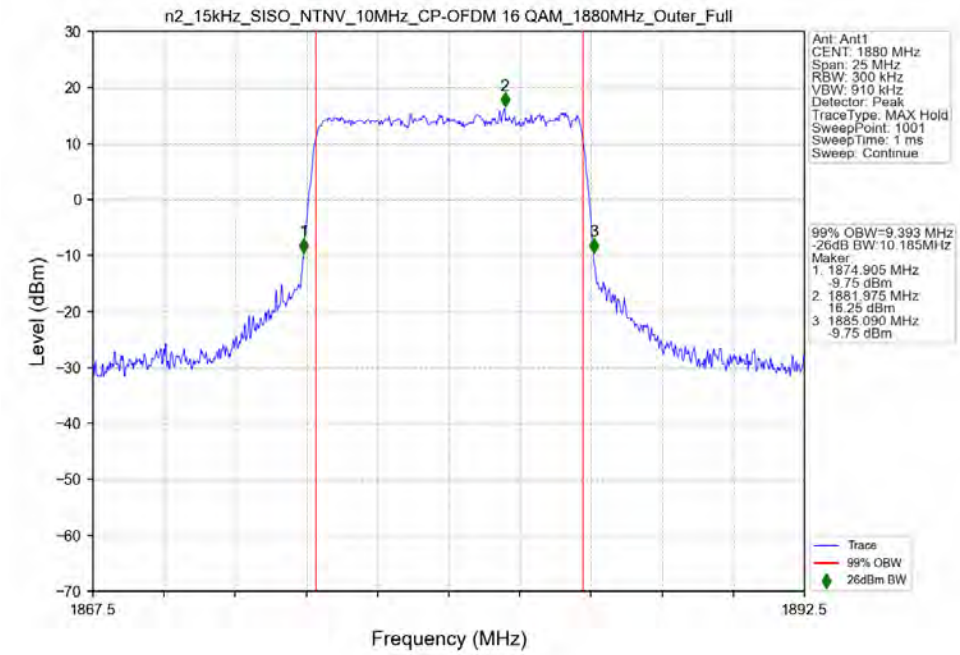

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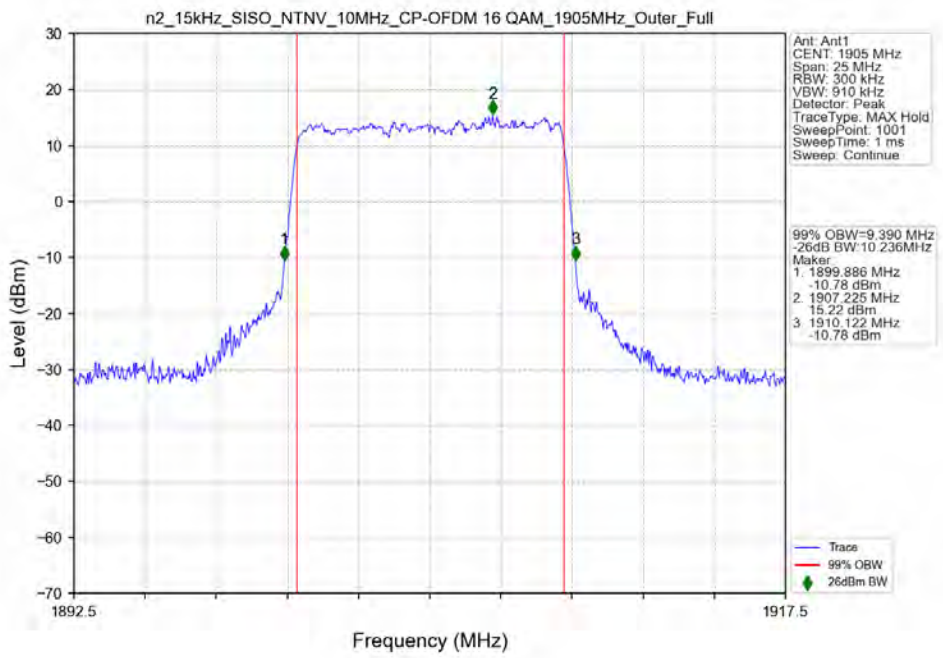

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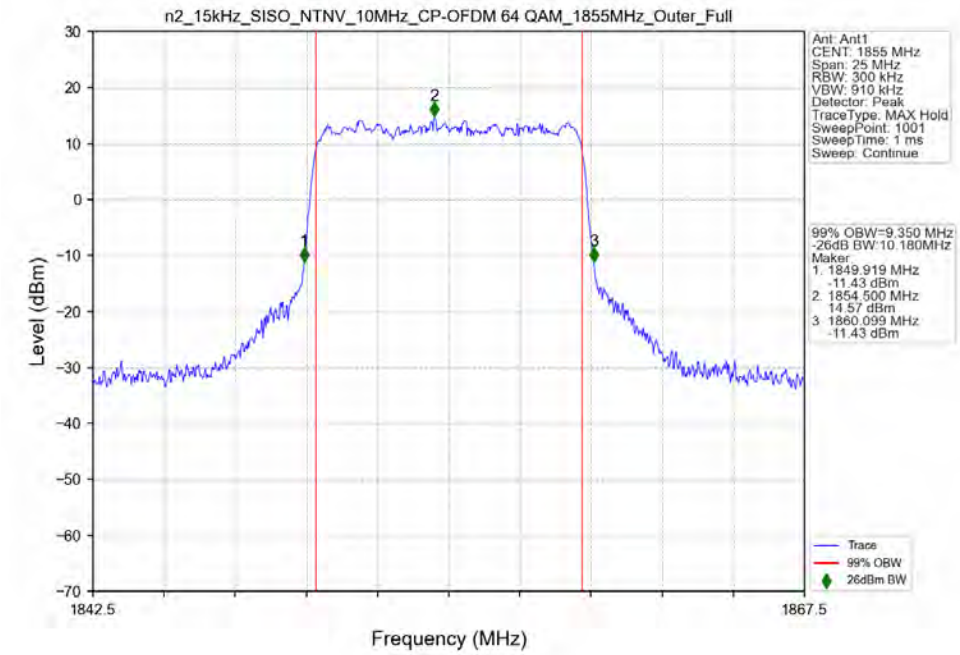

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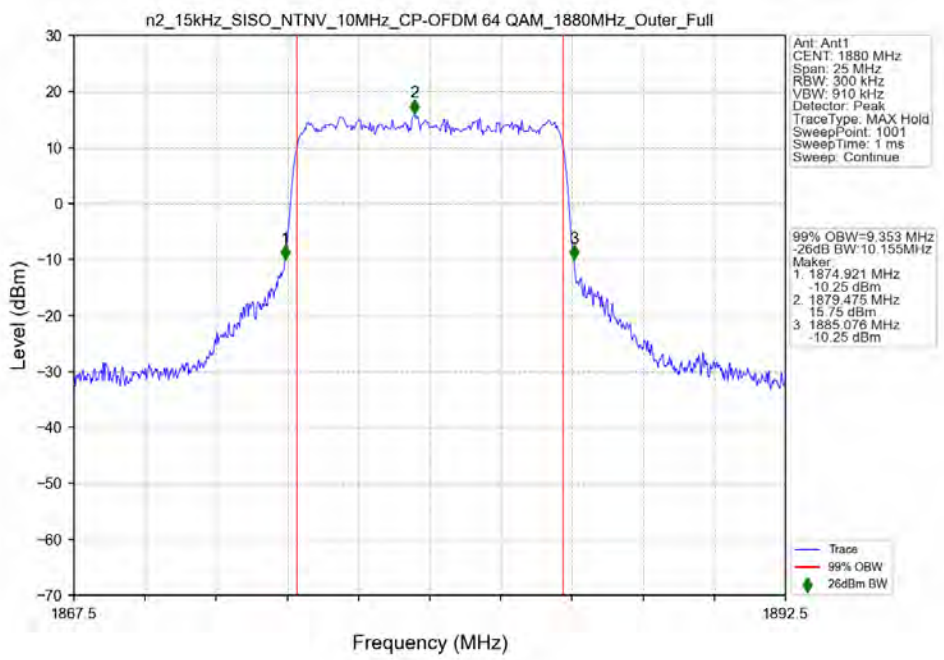

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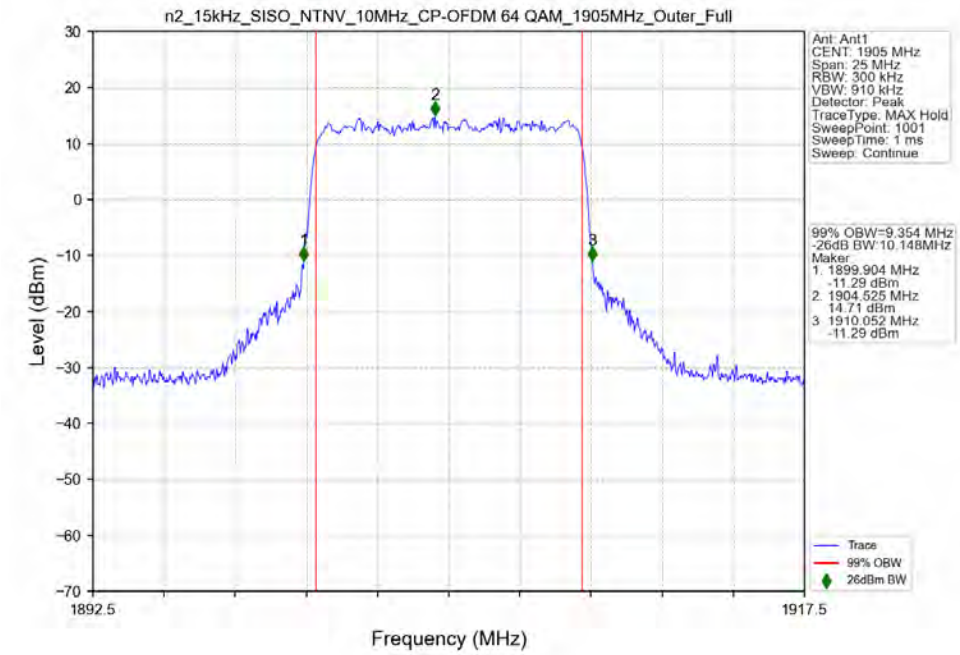

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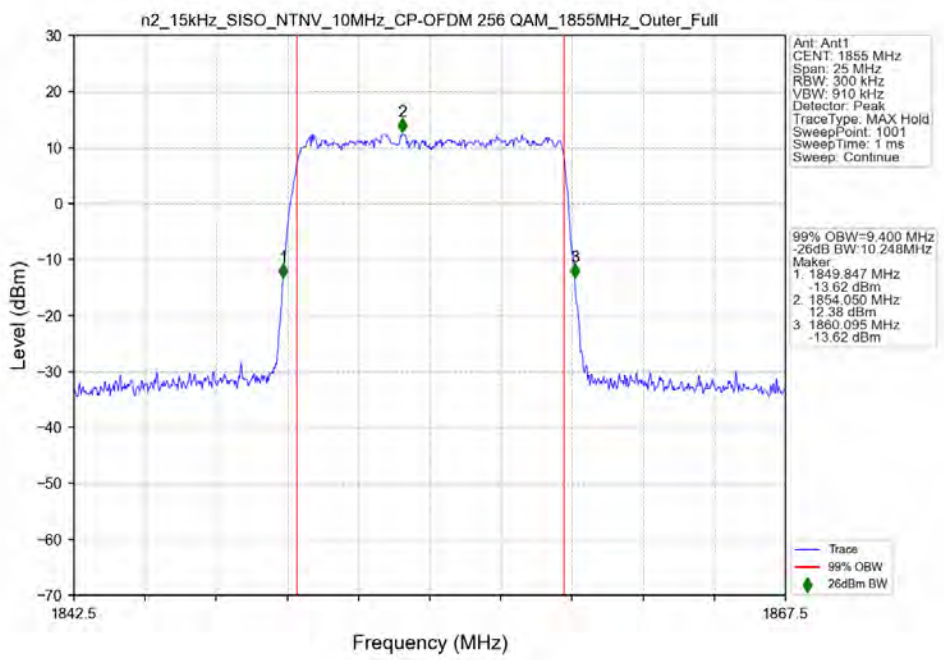
n2_15kHz_SISO_NTNV_10MHz_CP-OFDM 256 QAM_1855MHz_Outer_Full



n2_15kHz_SISO_NTNV_10MHz_CP-OFDM 256 QAM_1880MHz_Outer_Full

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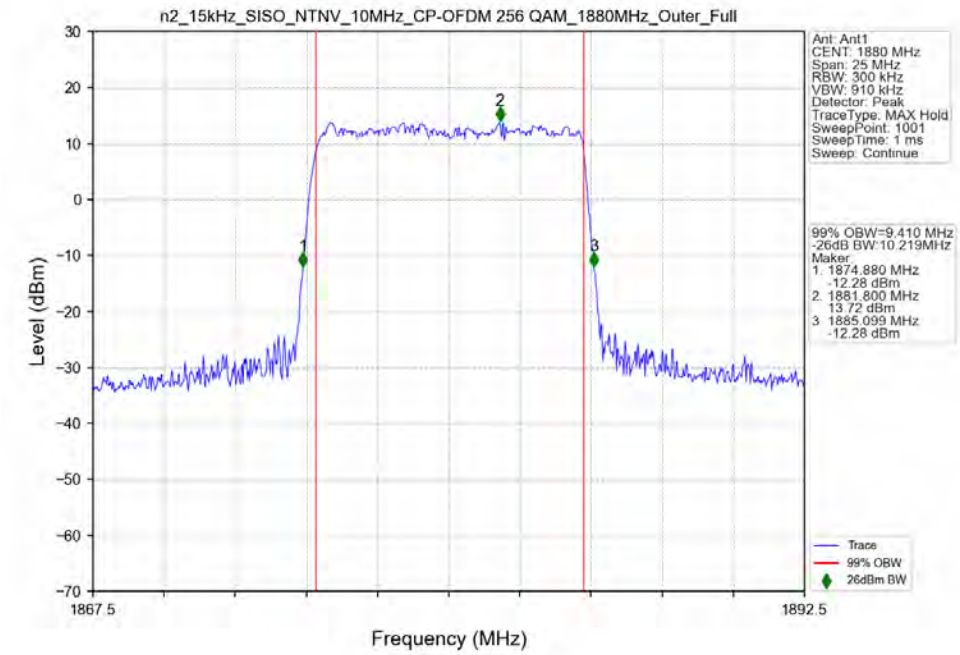

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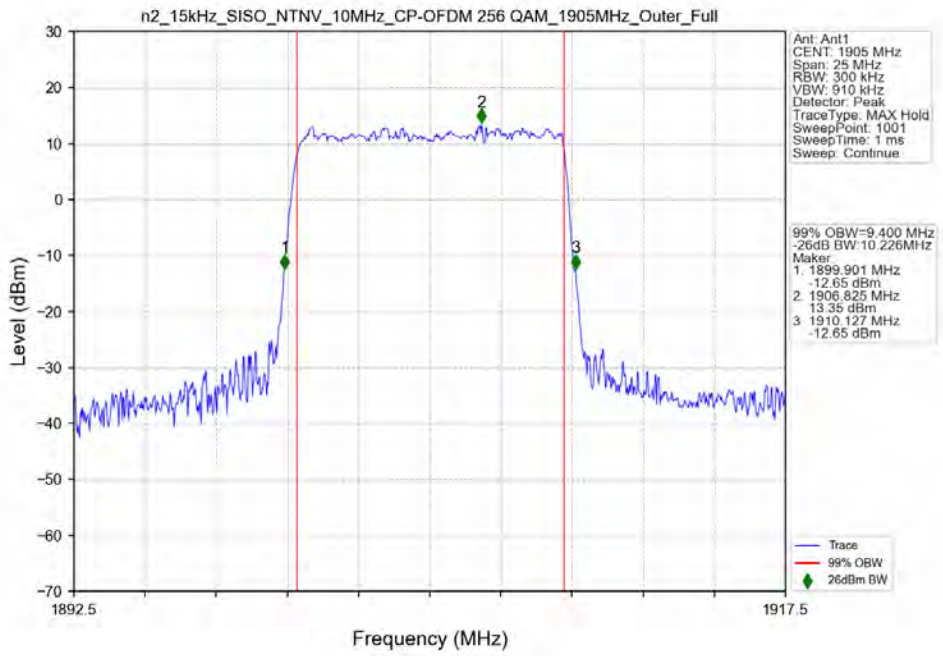
n2_15kHz_SISO_NTNV_10MHz_CP-OFDM 256 QAM_1905MHz_Outer_Full



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3.3 15k_SISO_15MHz_NTNV

3.3.1 Test Result

5G NR n2 SCS=15kHz SISO 15MHz NTNV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	1857.5	Outer_Full	13.56	14.62	/	Pass
	1880	Outer_Full	13.57	14.60	/	Pass
	1902.5	Outer_Full	13.60	14.67	/	Pass
DFT-s-OFDM QPSK	1857.5	Outer_Full	13.60	14.65	/	Pass
	1880	Outer_Full	13.60	14.60	/	Pass
	1902.5	Outer_Full	13.63	14.72	/	Pass
DFT-s-OFDM 16 QAM	1857.5	Outer_Full	13.65	14.63	/	Pass
	1880	Outer_Full	13.65	14.67	/	Pass
	1902.5	Outer_Full	13.67	14.65	/	Pass
DFT-s-OFDM 64 QAM	1857.5	Outer_Full	13.54	14.67	/	Pass
	1880	Outer_Full	13.55	14.63	/	Pass
	1902.5	Outer_Full	13.59	14.68	/	Pass
DFT-s-OFDM 256 QAM	1857.5	Outer_Full	13.59	14.72	/	Pass
	1880	Outer_Full	13.59	14.61	/	Pass
	1902.5	Outer_Full	13.63	14.72	/	Pass
CP-OFDM QPSK	1857.5	Outer_Full	14.24	15.31	/	Pass
	1880	Outer_Full	14.24	15.38	/	Pass
	1902.5	Outer_Full	14.27	15.36	/	Pass
CP-OFDM 16 QAM	1857.5	Outer_Full	14.26	15.32	/	Pass
	1880	Outer_Full	14.26	15.38	/	Pass
	1902.5	Outer_Full	14.29	15.36	/	Pass
CP-OFDM 64 QAM	1857.5	Outer_Full	14.31	15.39	/	Pass
	1880	Outer_Full	14.31	15.45	/	Pass
	1902.5	Outer_Full	14.33	15.51	/	Pass
CP-OFDM 256 QAM	1857.5	Outer_Full	14.24	15.41	/	Pass
	1880	Outer_Full	14.21	15.33	/	Pass
	1902.5	Outer_Full	14.30	15.42	/	Pass

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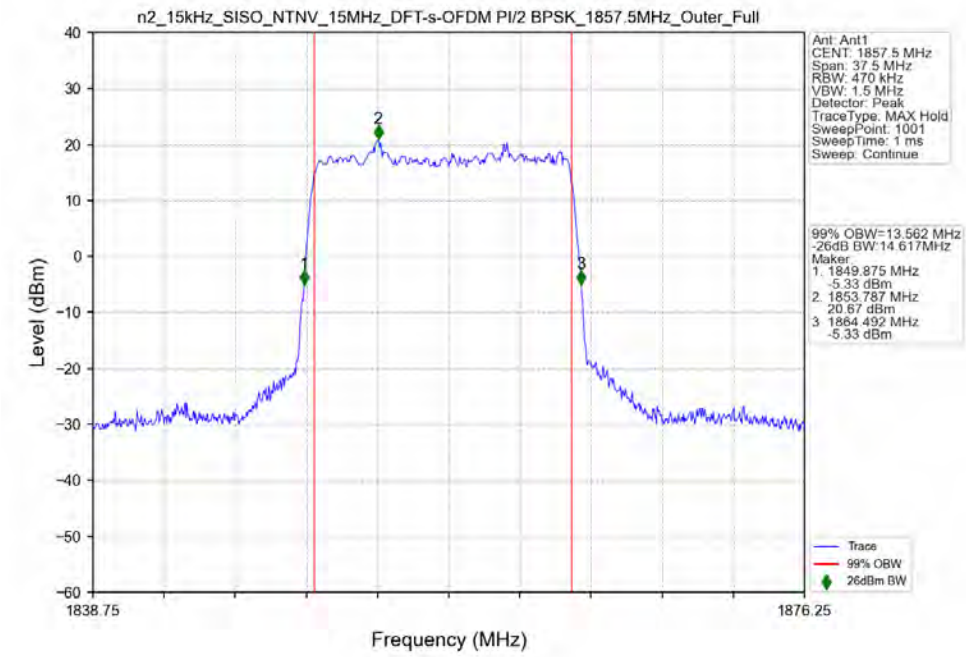
3.3.2 Test Graph

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



n2_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_1880MHz_Outer_Full

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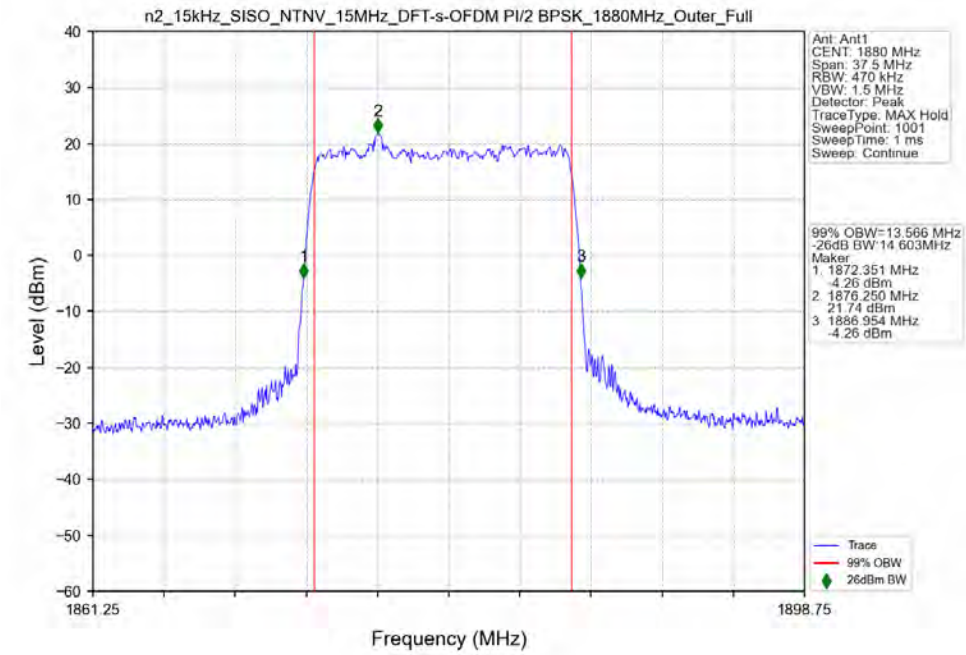

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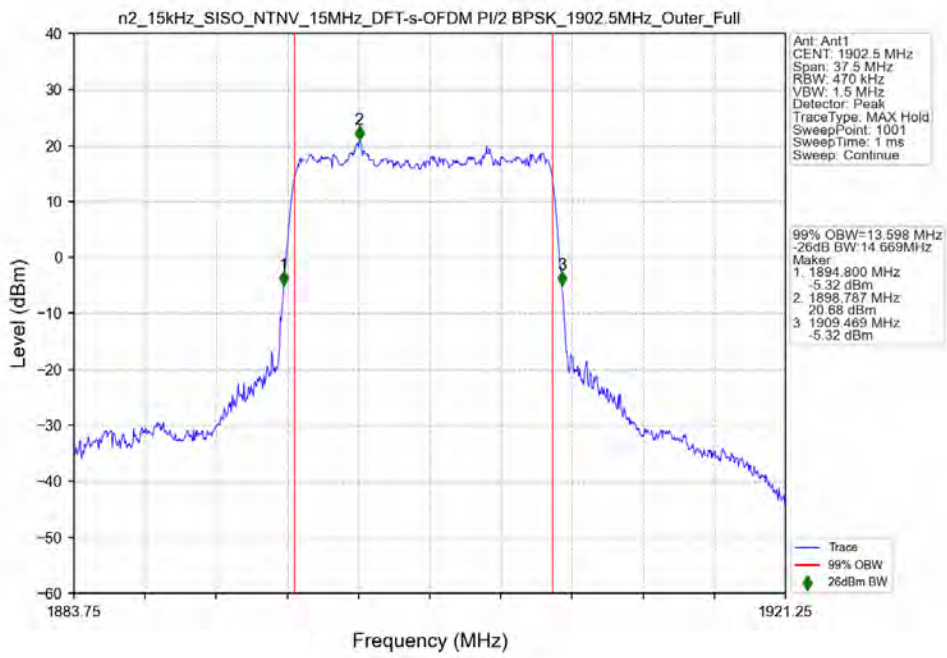

n2_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_1857.5MHz_Outer_Full

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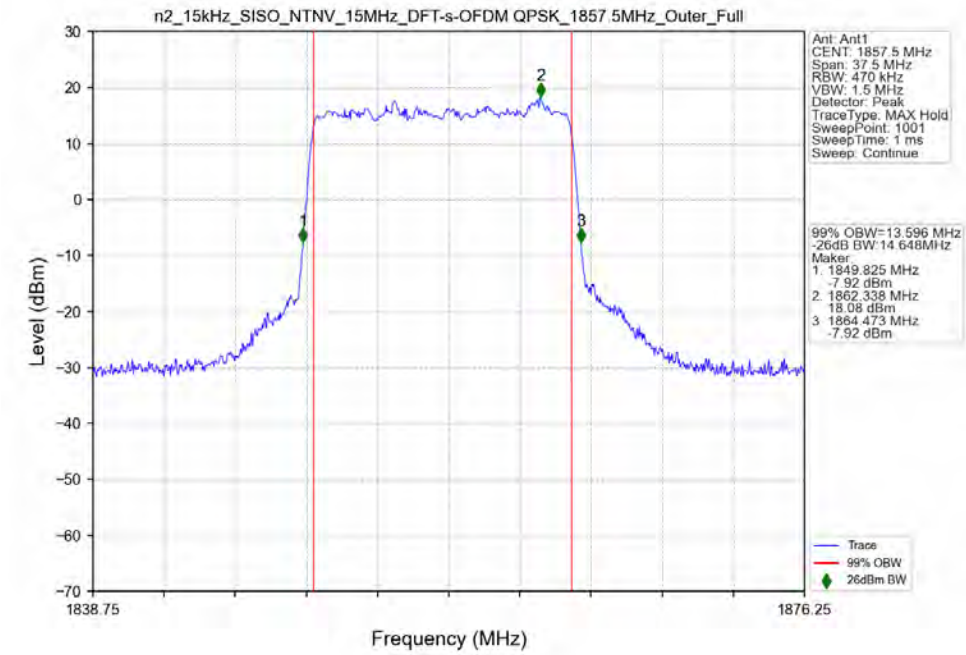

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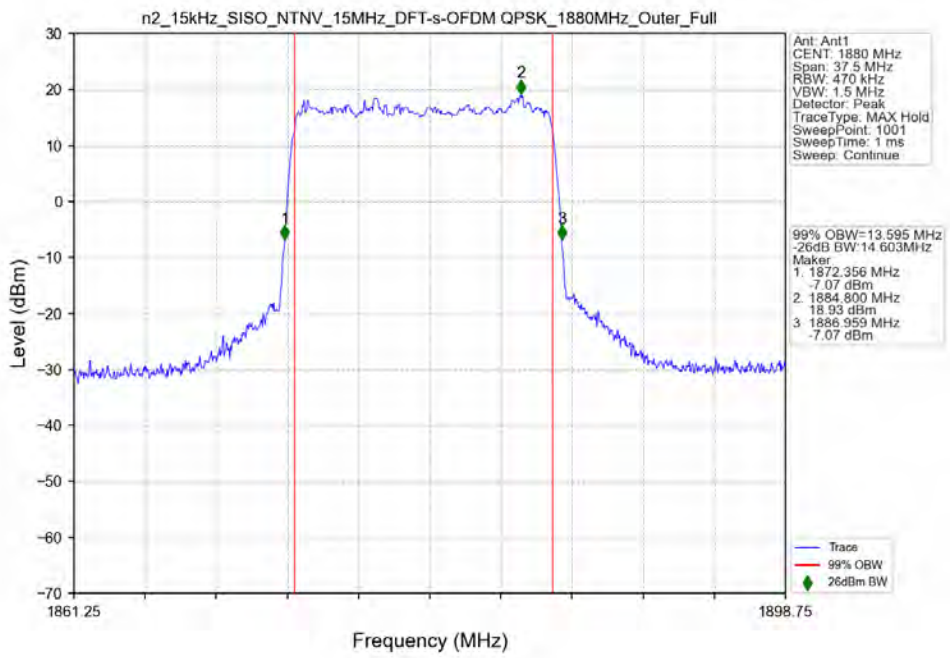

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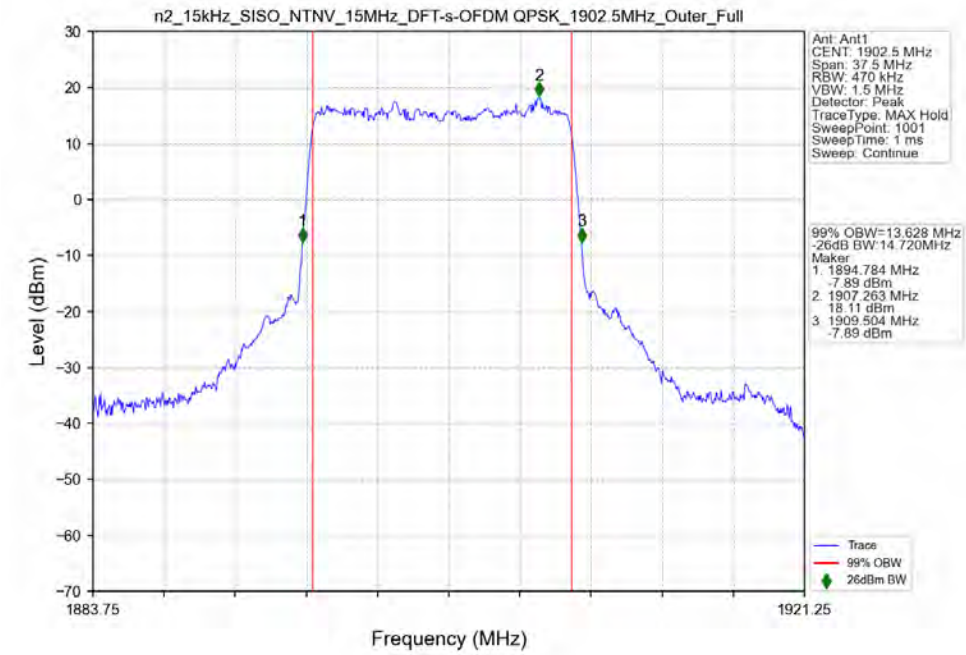

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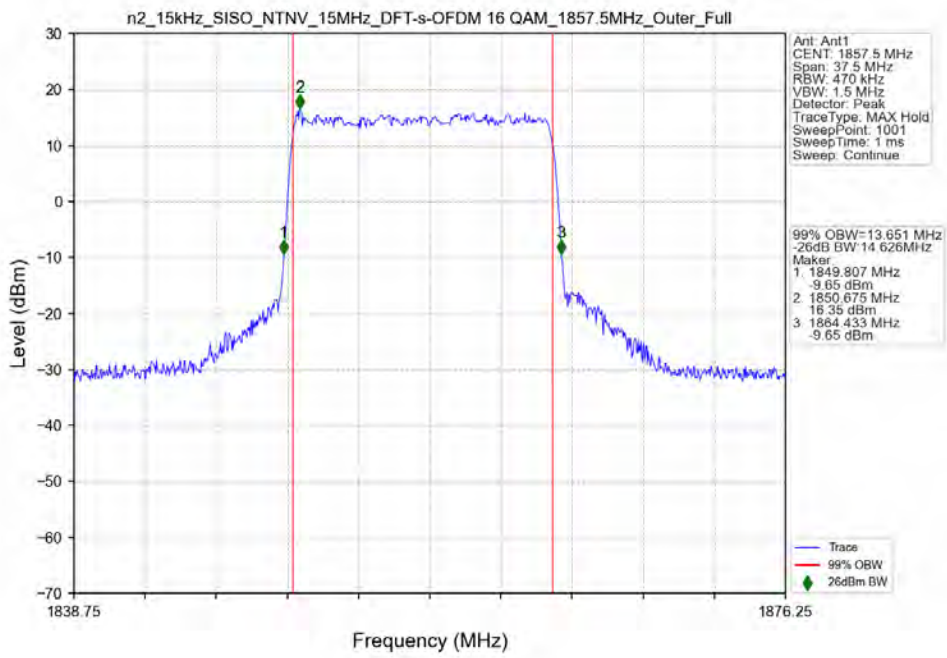

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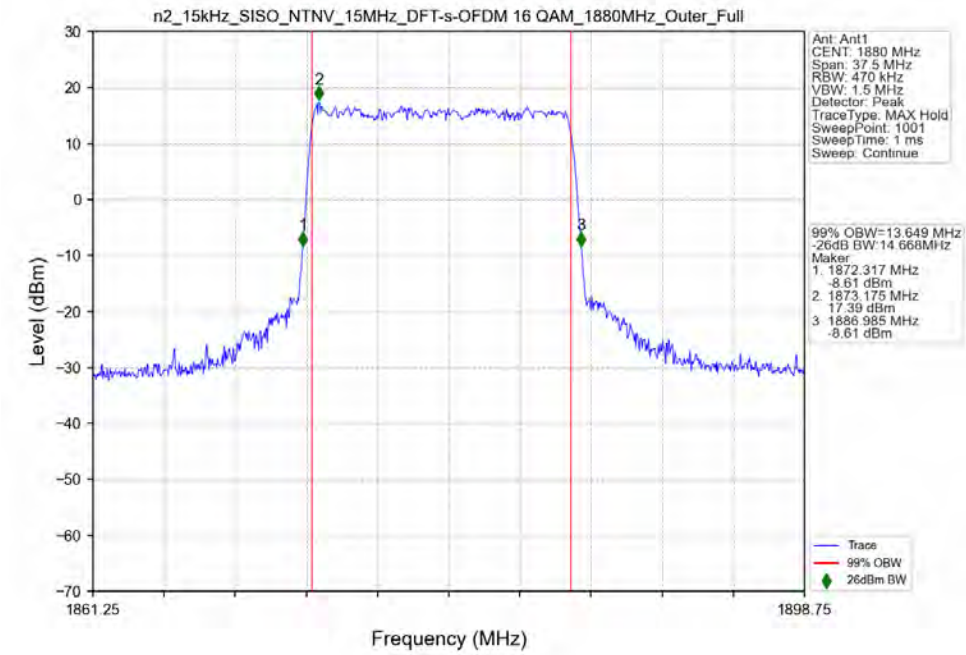

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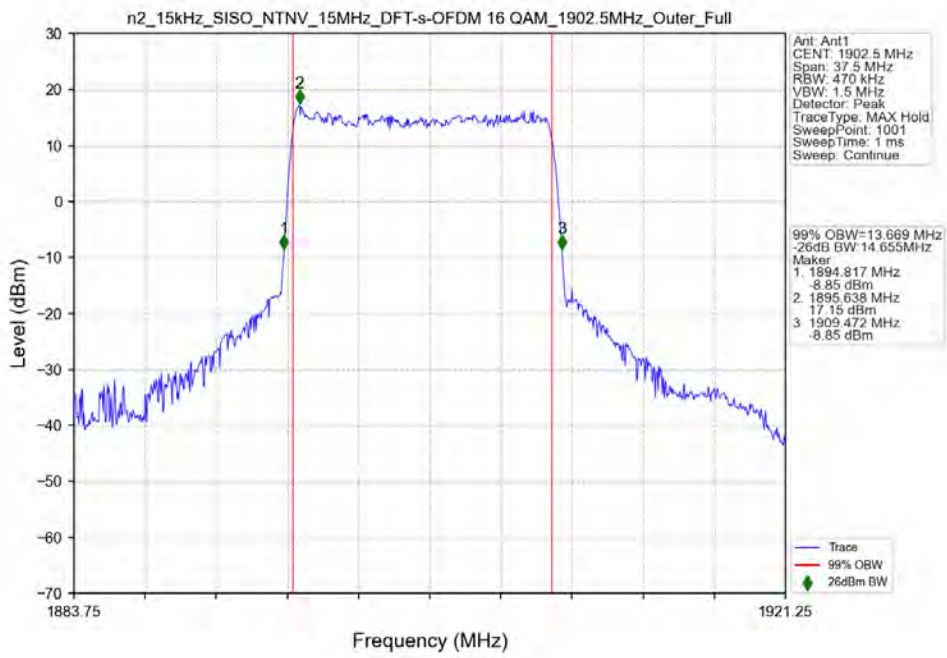

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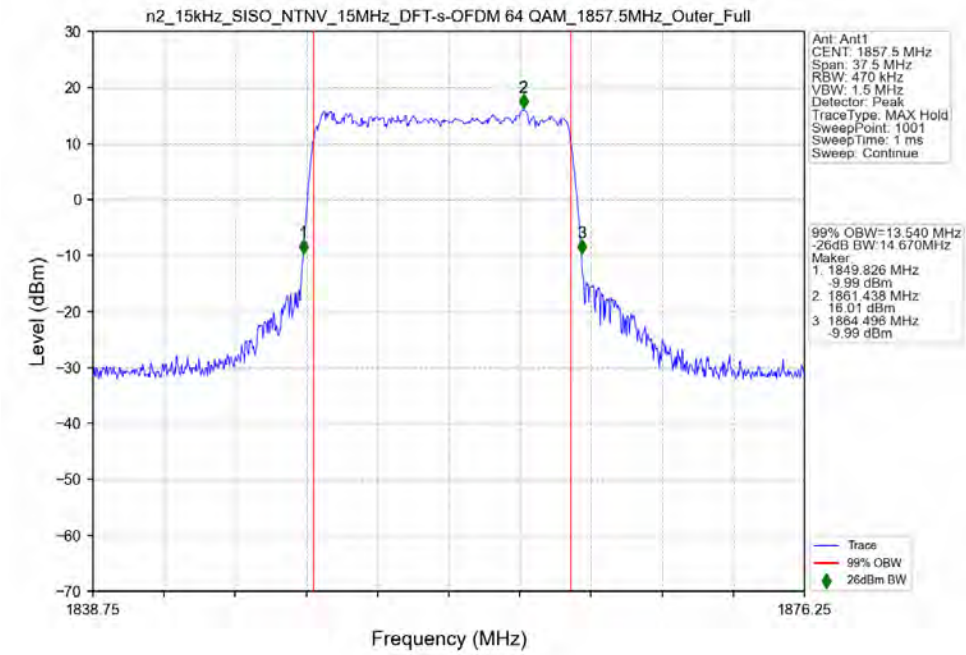

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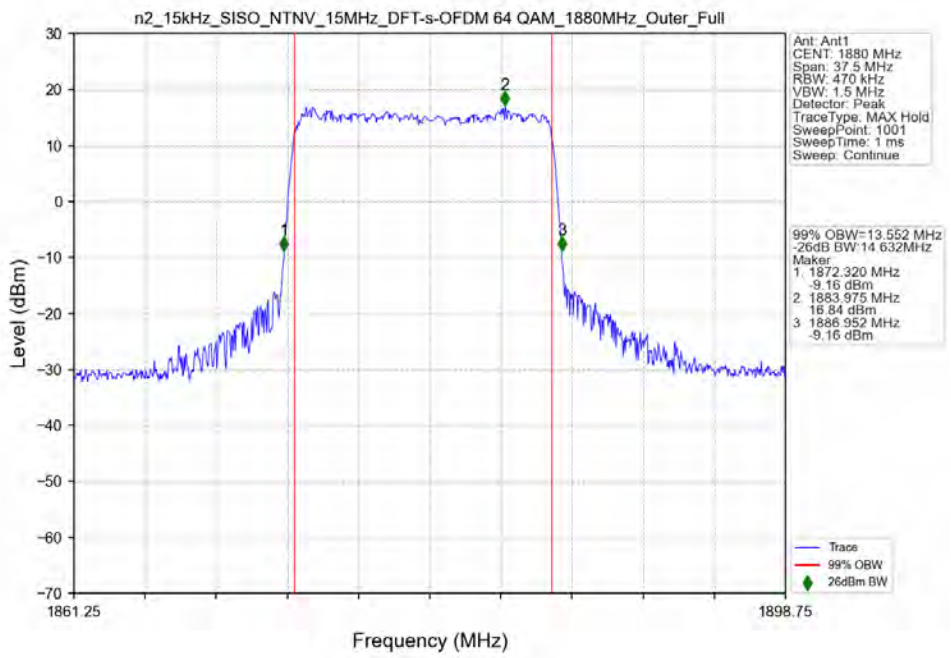
n2_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 64 QAM_1880MHz_Outer_Full



n2_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 64 QAM_1902.5MHz_Outer_Full

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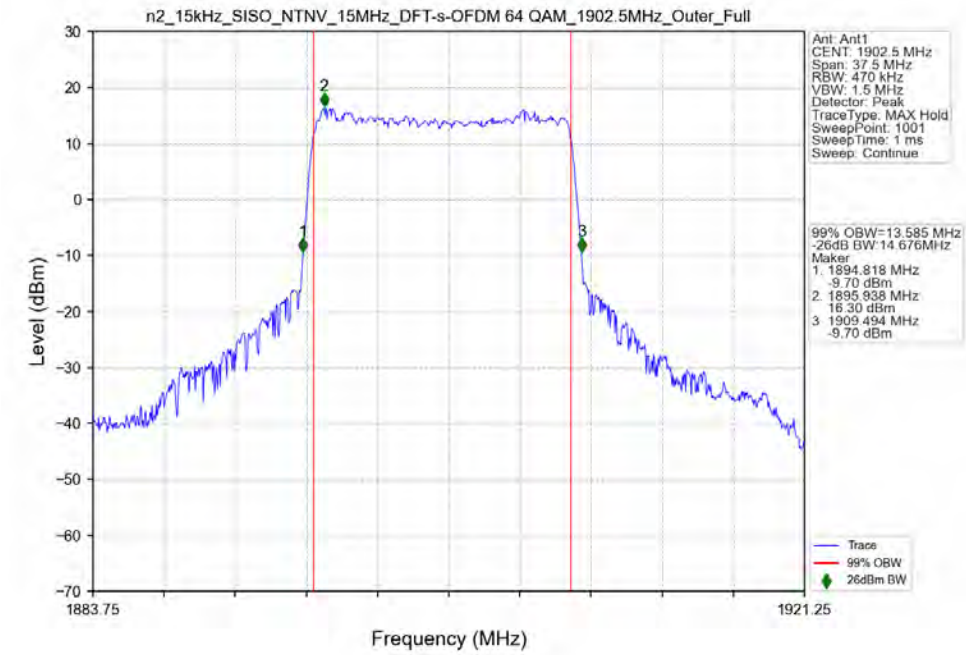

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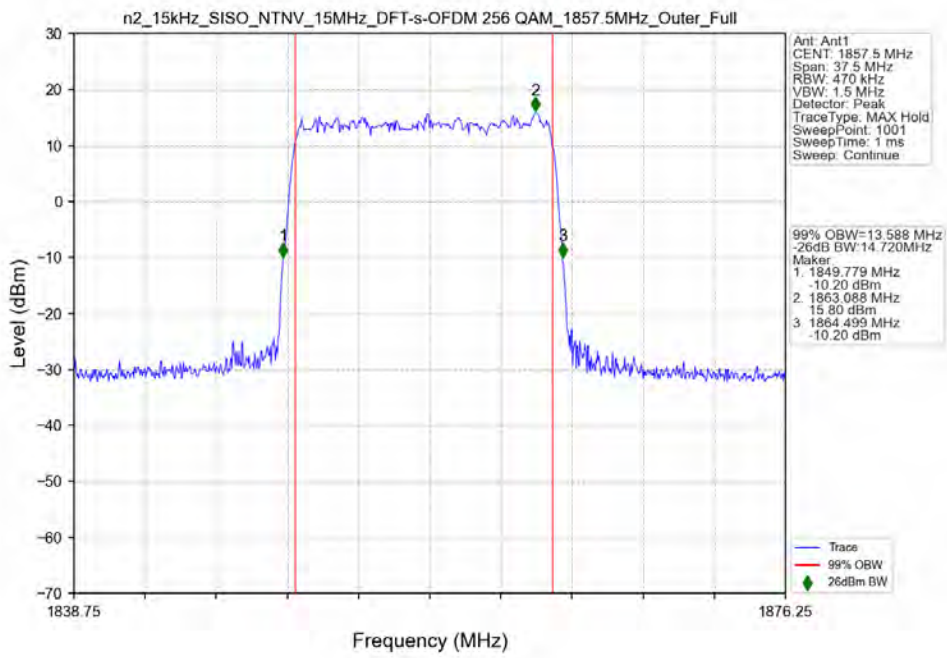
n2_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 256 QAM_1857.5MHz_Outer_Full



n2_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 256 QAM_1880MHz_Outer_Full

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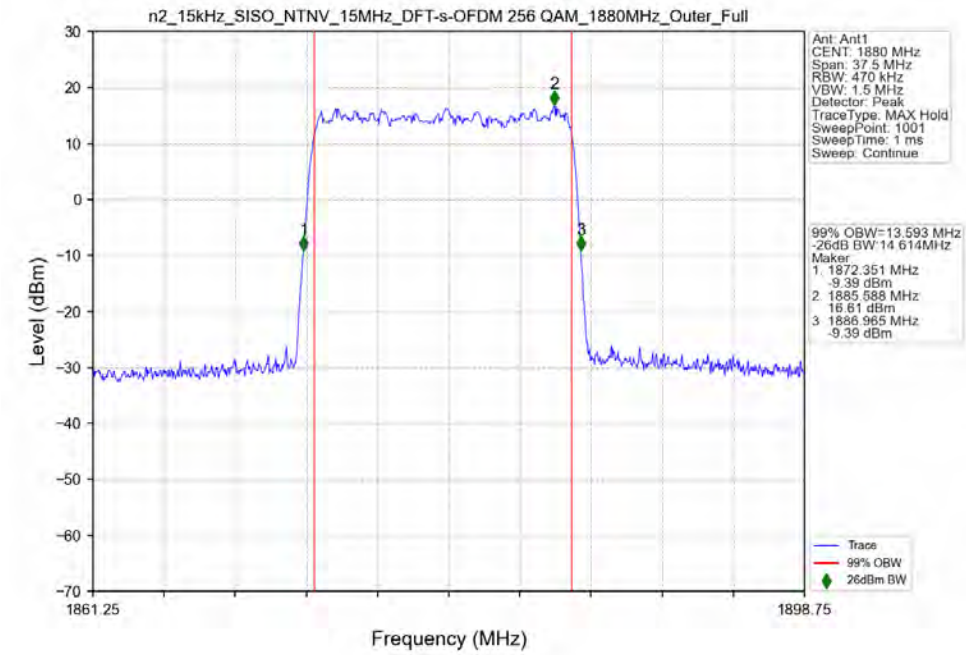

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n2_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 256 QAM_1902.5MHz_Outer_Full

n2_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_1857.5MHz_Outer_Full

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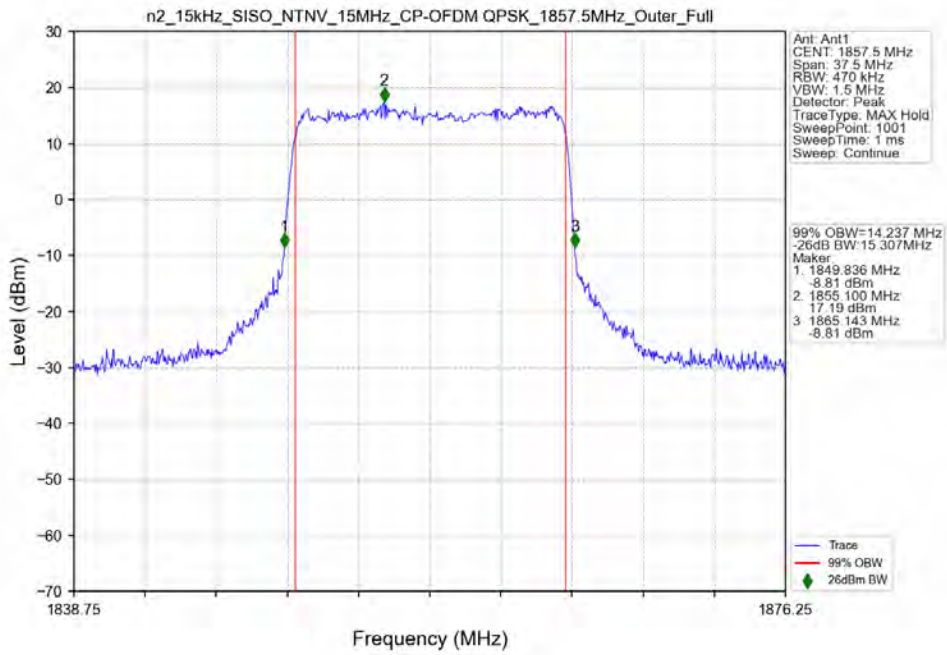

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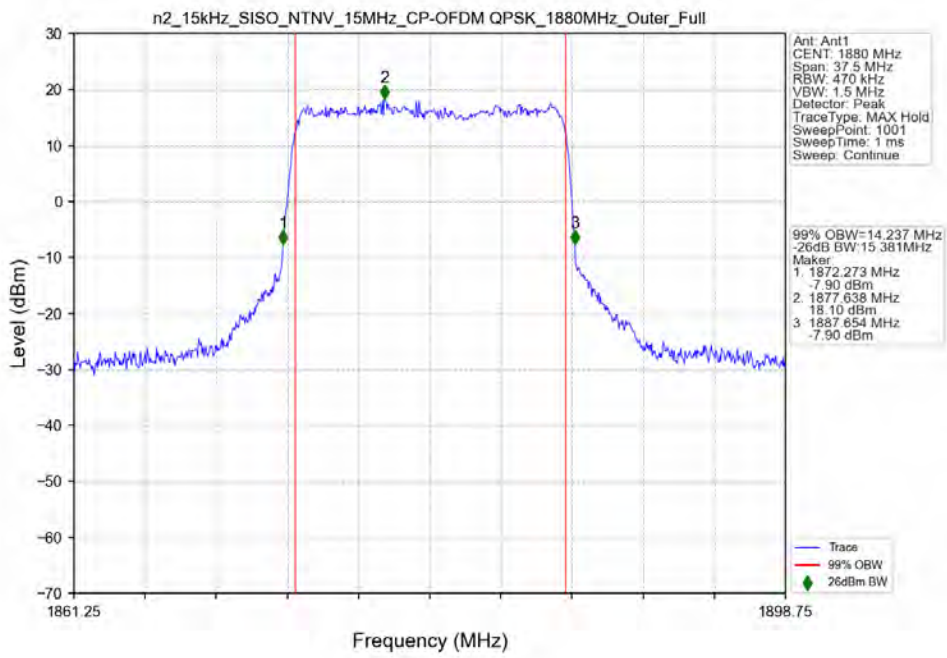
n2_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_1880MHz_Outer_Full



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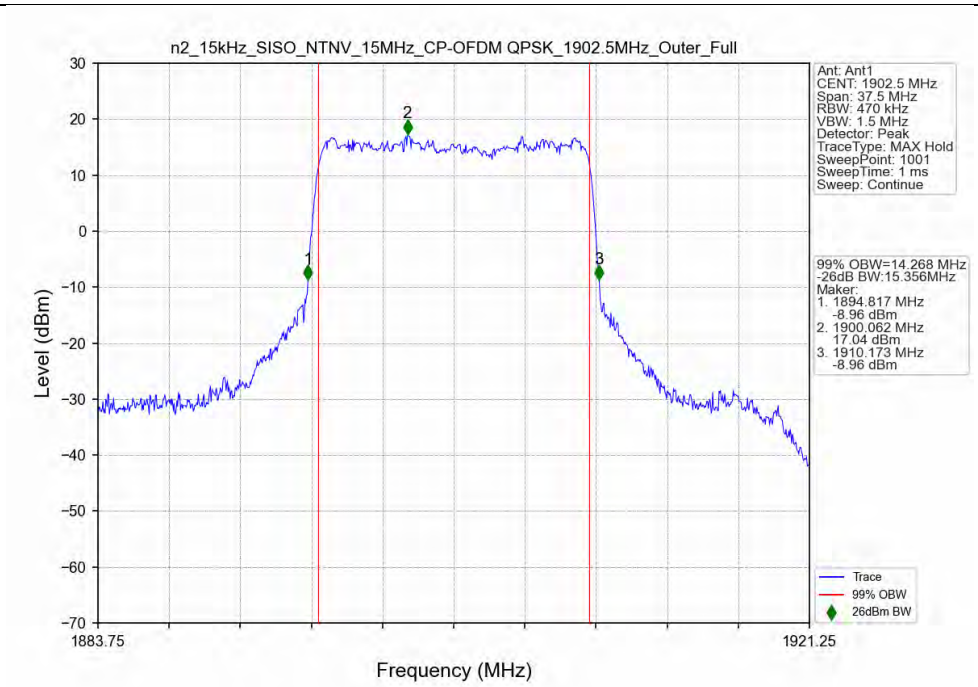

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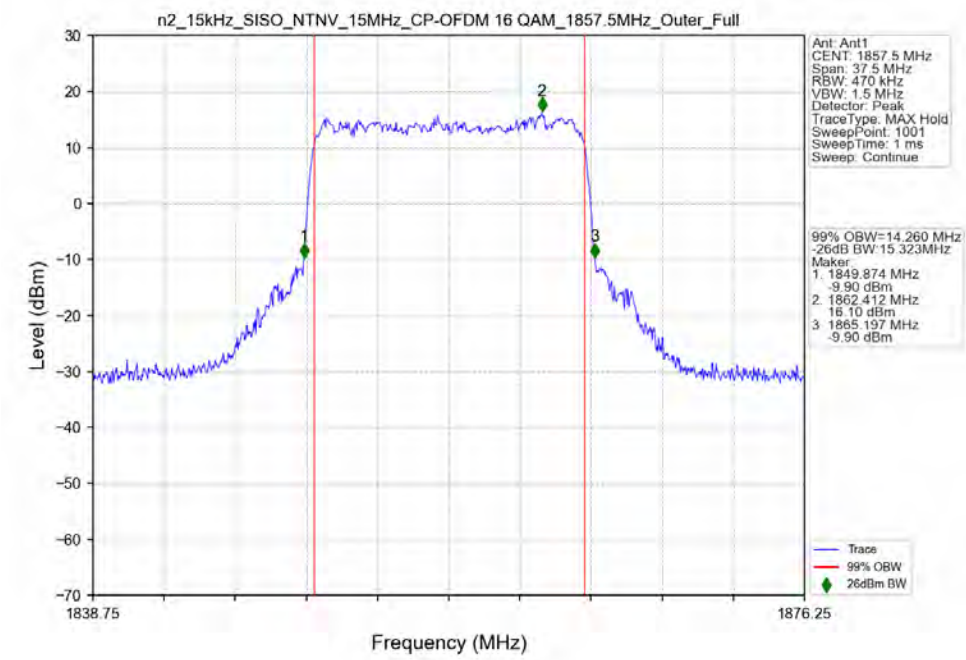
n2_15kHz_SISO_NTNV_15MHz_CP-OFDM 16 QAM_1857.5MHz_Outer_Full



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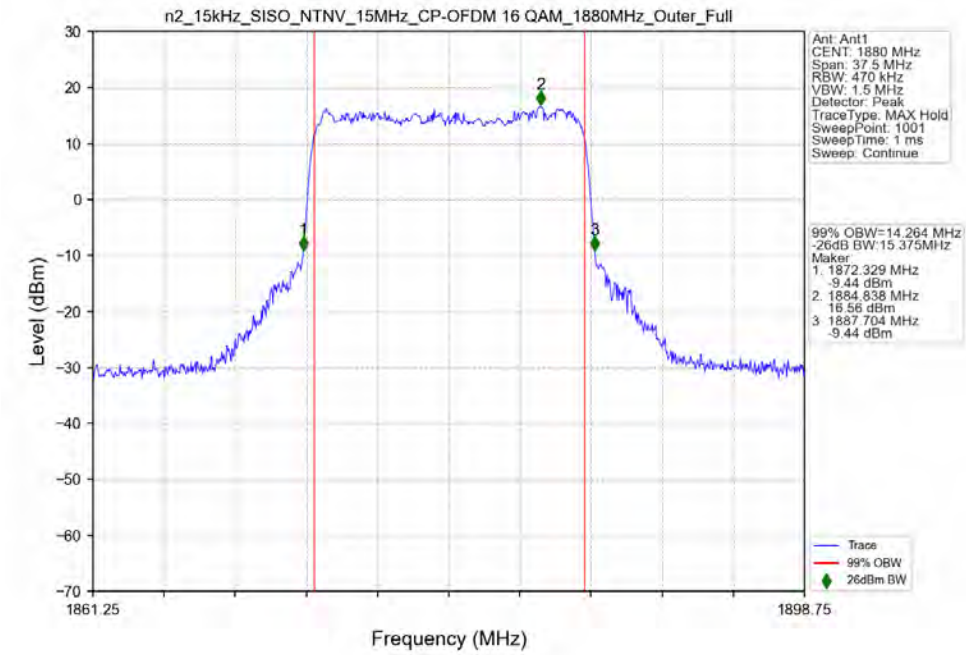

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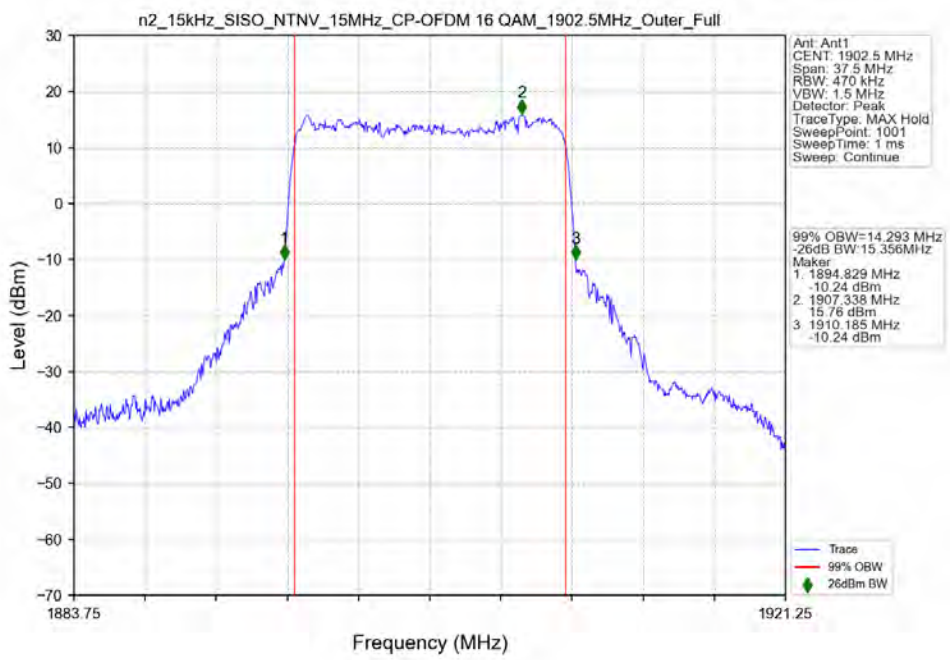

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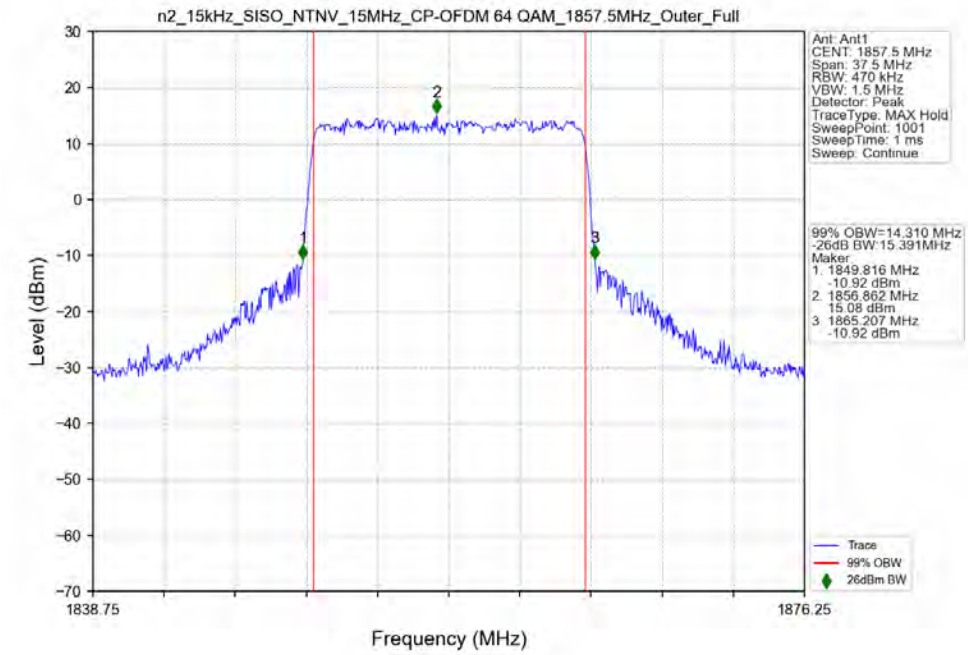

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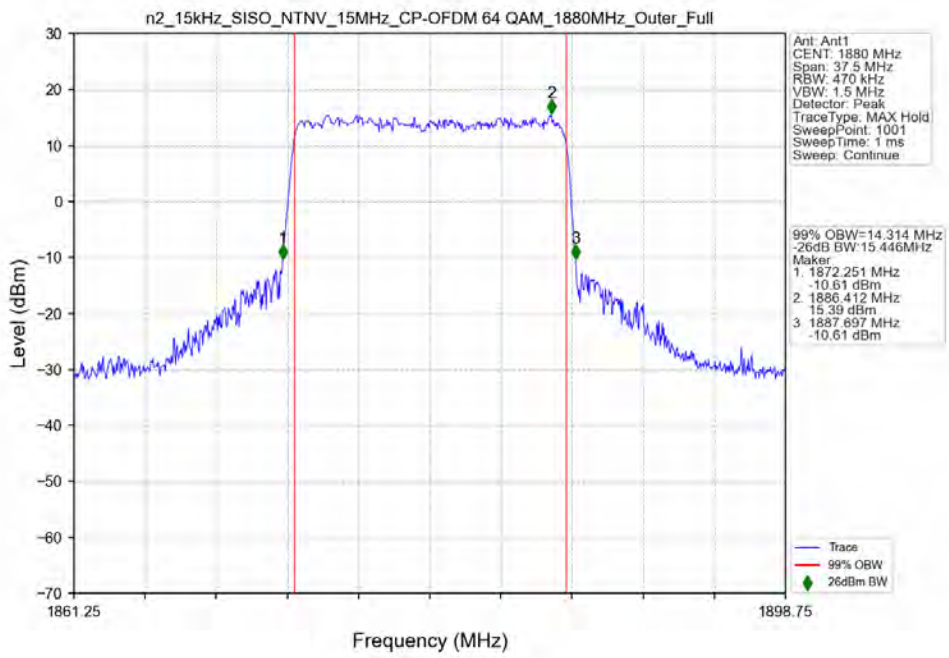
n2_15kHz_SISO_NTNV_15MHz_CP-OFDM 64 QAM_1880MHz_Outer_Full



n2_15kHz_SISO_NTNV_15MHz_CP-OFDM 64 QAM_1902.5MHz_Outer_Full

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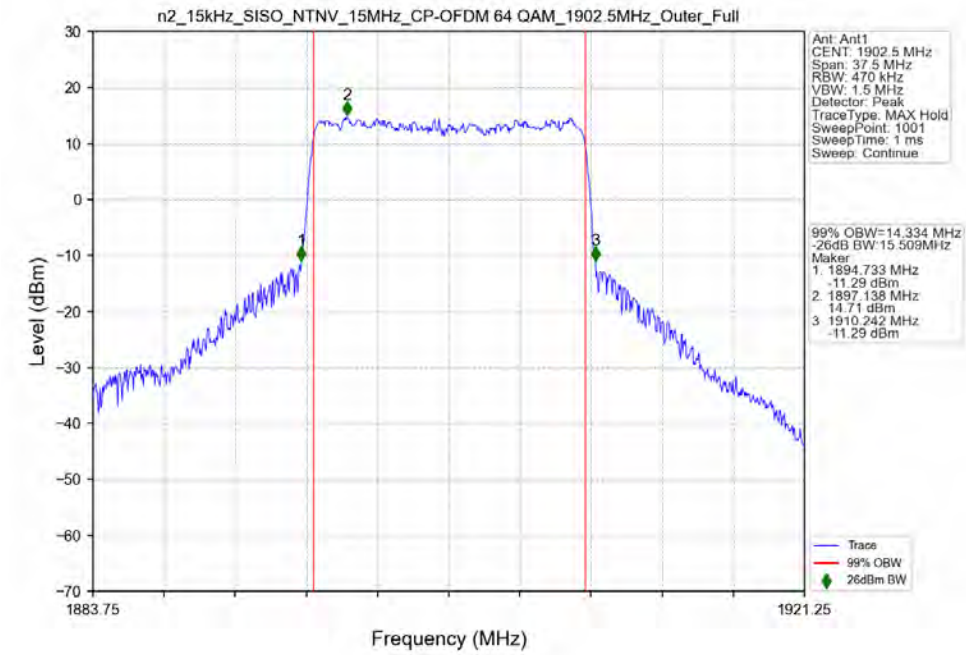

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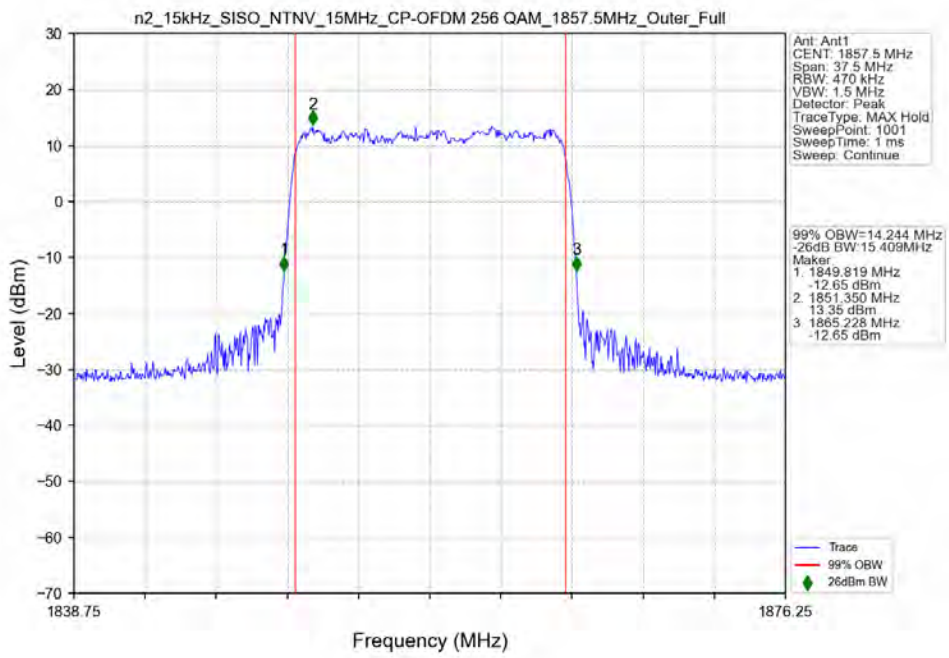
n2_15kHz_SISO_NTNV_15MHz_CP-OFDM 256 QAM_1857.5MHz_Outer_Full



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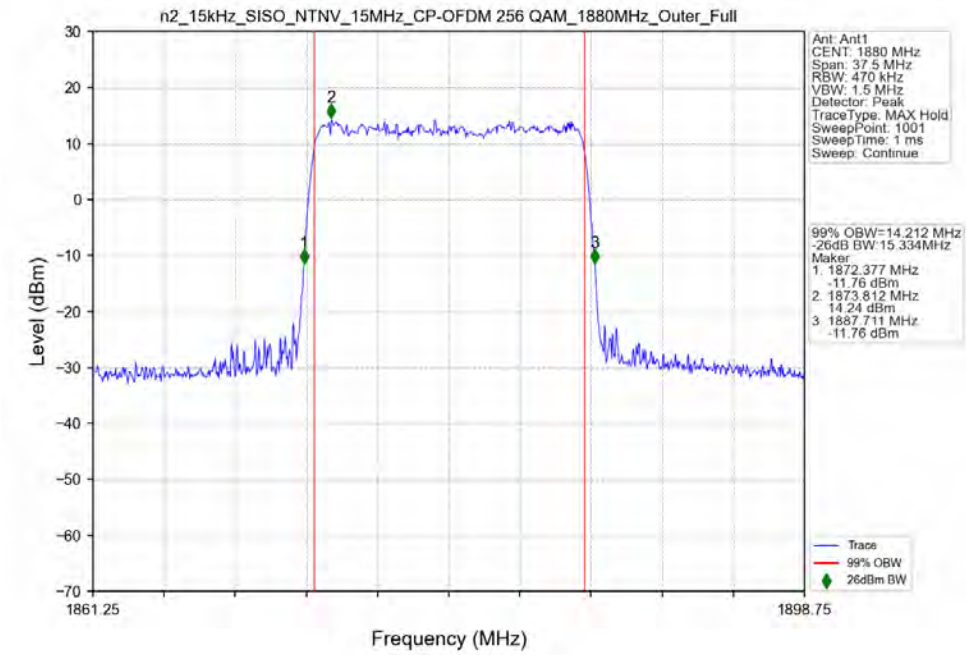

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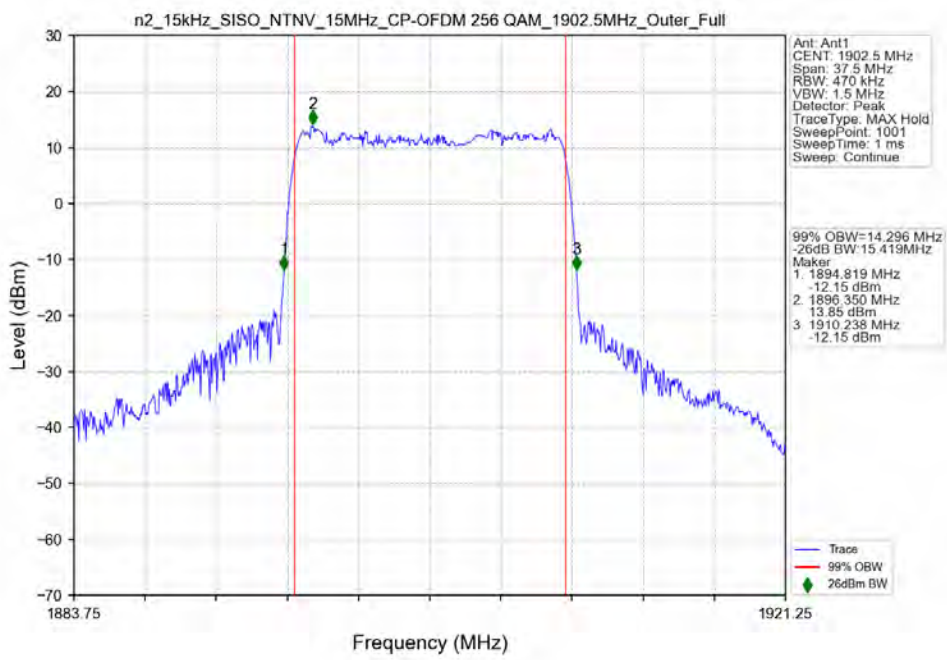

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3.4 15k_SISO_20MHz_NTNV

3.4.1 Test Result

5G NR n2 SCS=15kHz SISO 20MHz NTNV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	1860	Outer_Full	18.07	19.40	/	Pass
	1880	Outer_Full	18.07	19.40	/	Pass
	1900	Outer_Full	18.13	19.42	/	Pass
DFT-s-OFDM QPSK	1860	Outer_Full	18.05	19.48	/	Pass
	1880	Outer_Full	18.09	19.43	/	Pass
	1900	Outer_Full	18.12	19.49	/	Pass
DFT-s-OFDM 16 QAM	1860	Outer_Full	18.04	19.39	/	Pass
	1880	Outer_Full	18.03	19.38	/	Pass
	1900	Outer_Full	18.10	19.41	/	Pass
DFT-s-OFDM 64 QAM	1860	Outer_Full	18.05	19.47	/	Pass
	1880	Outer_Full	18.04	19.48	/	Pass
	1900	Outer_Full	18.11	19.43	/	Pass
DFT-s-OFDM 256 QAM	1860	Outer_Full	18.05	19.38	/	Pass
	1880	Outer_Full	18.03	19.38	/	Pass
	1900	Outer_Full	18.11	19.38	/	Pass
CP-OFDM QPSK	1860	Outer_Full	19.05	20.87	/	Pass
	1880	Outer_Full	19.06	20.65	/	Pass
	1900	Outer_Full	19.12	20.74	/	Pass
CP-OFDM 16 QAM	1860	Outer_Full	19.13	20.58	/	Pass
	1880	Outer_Full	19.12	20.50	/	Pass
	1900	Outer_Full	19.20	20.93	/	Pass
CP-OFDM 64 QAM	1860	Outer_Full	19.12	20.50	/	Pass
	1880	Outer_Full	19.11	20.47	/	Pass
	1900	Outer_Full	19.19	20.75	/	Pass
CP-OFDM 256 QAM	1860	Outer_Full	19.18	20.50	/	Pass
	1880	Outer_Full	19.14	20.54	/	Pass
	1900	Outer_Full	19.24	20.54	/	Pass

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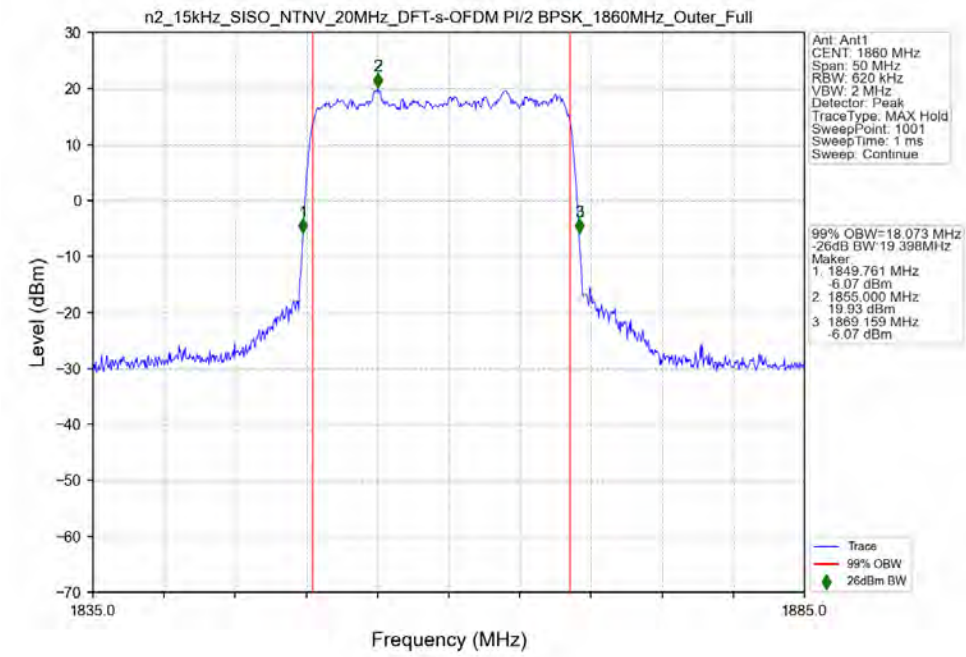
3.4.2 Test Graph

n2_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_1860MHz_Outer_Full



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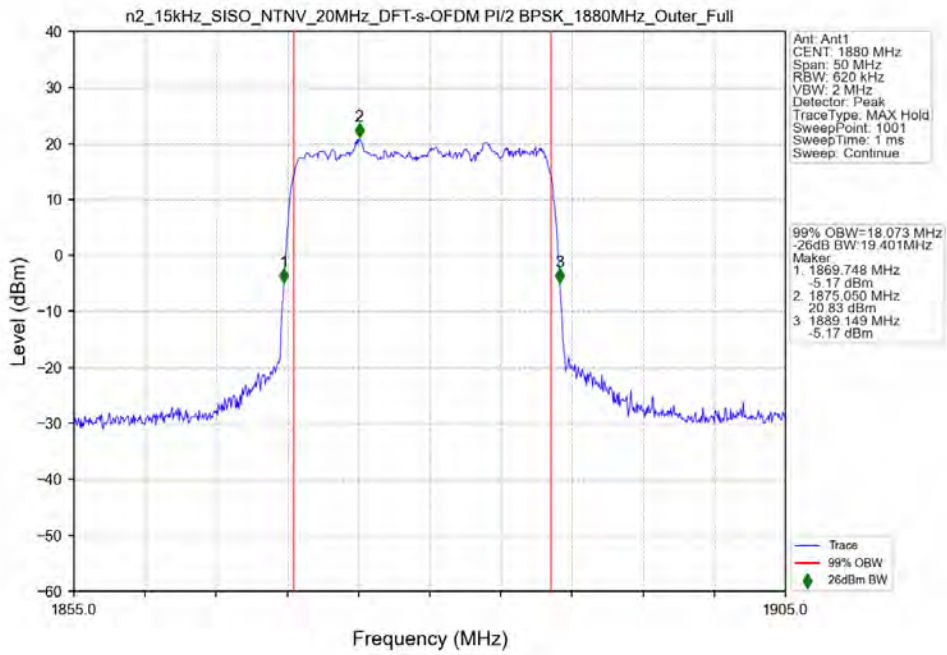

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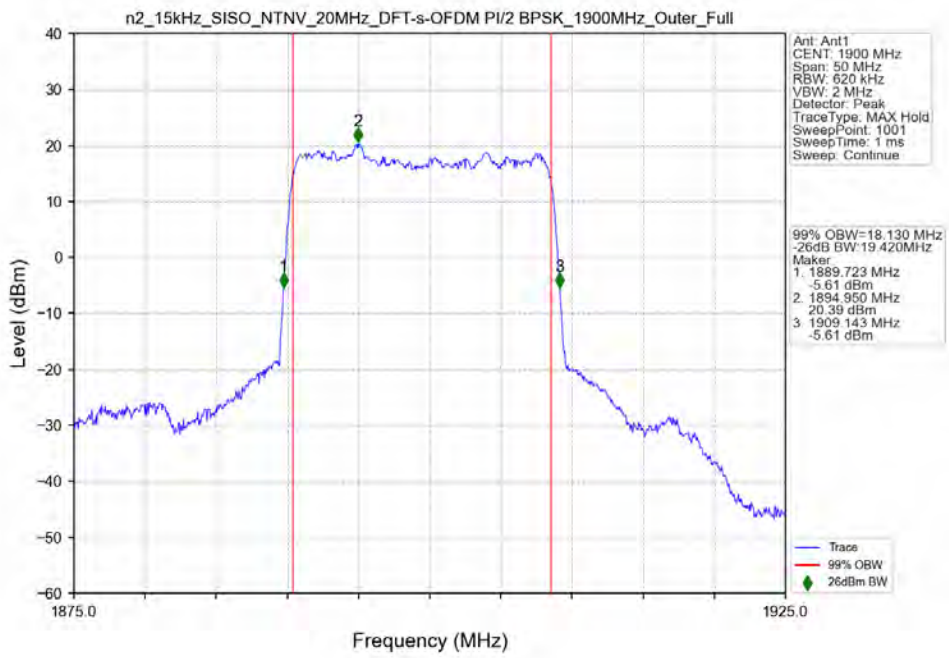

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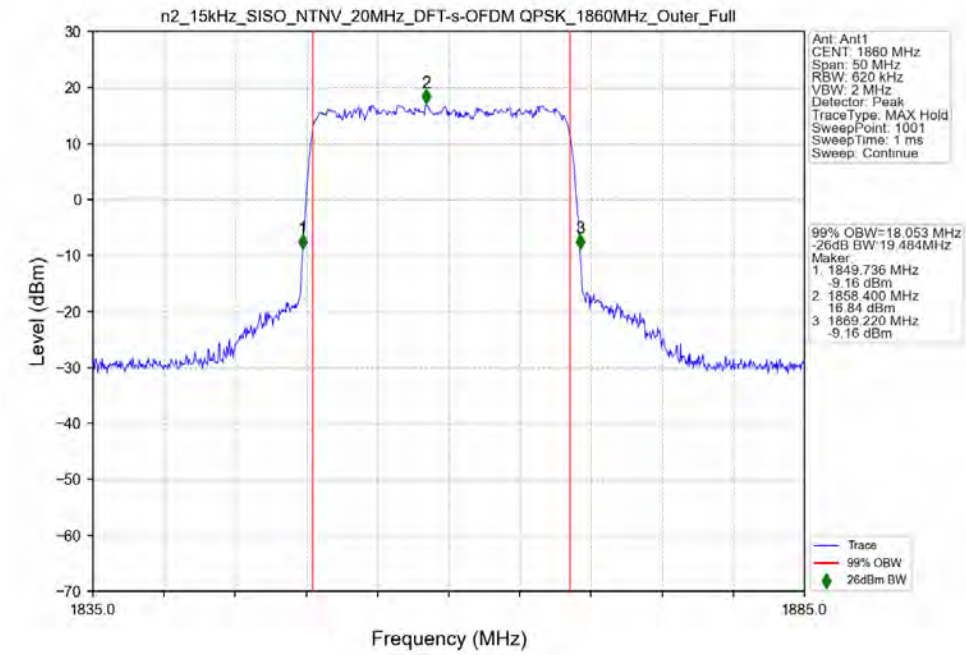

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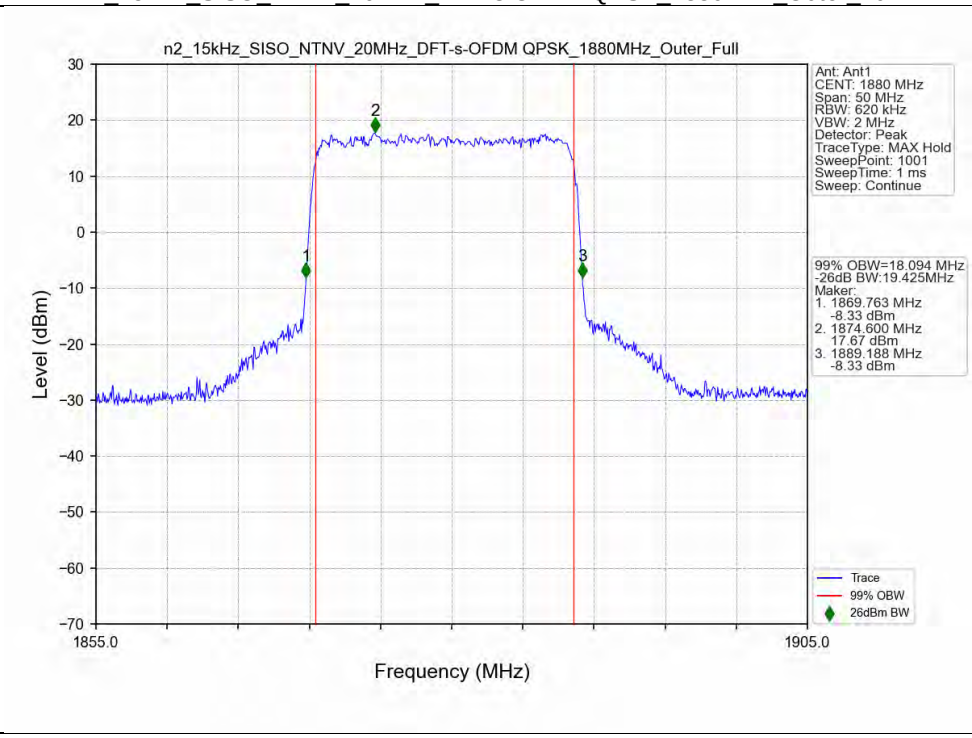

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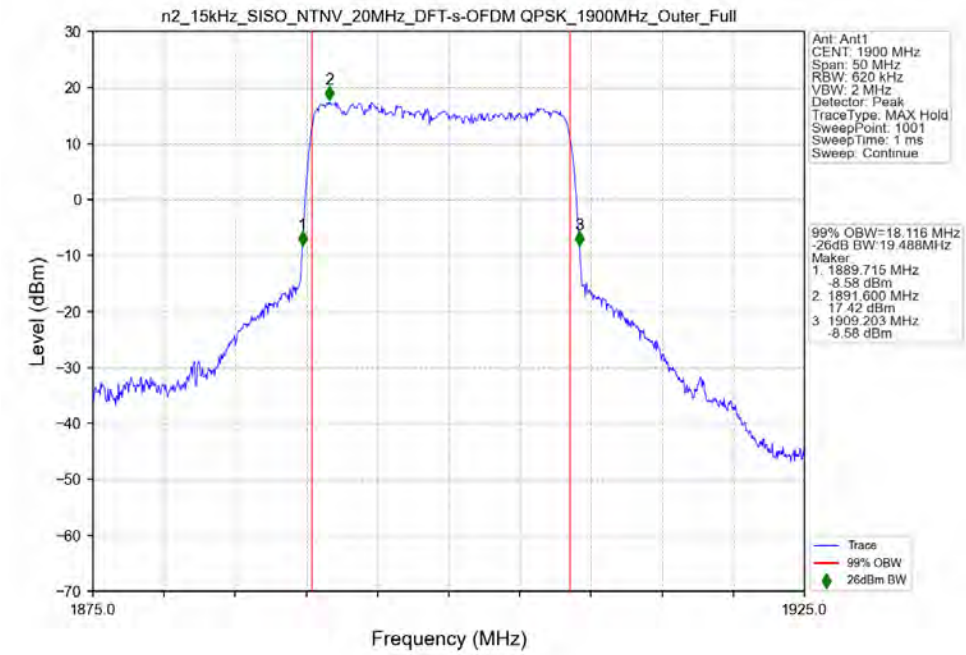

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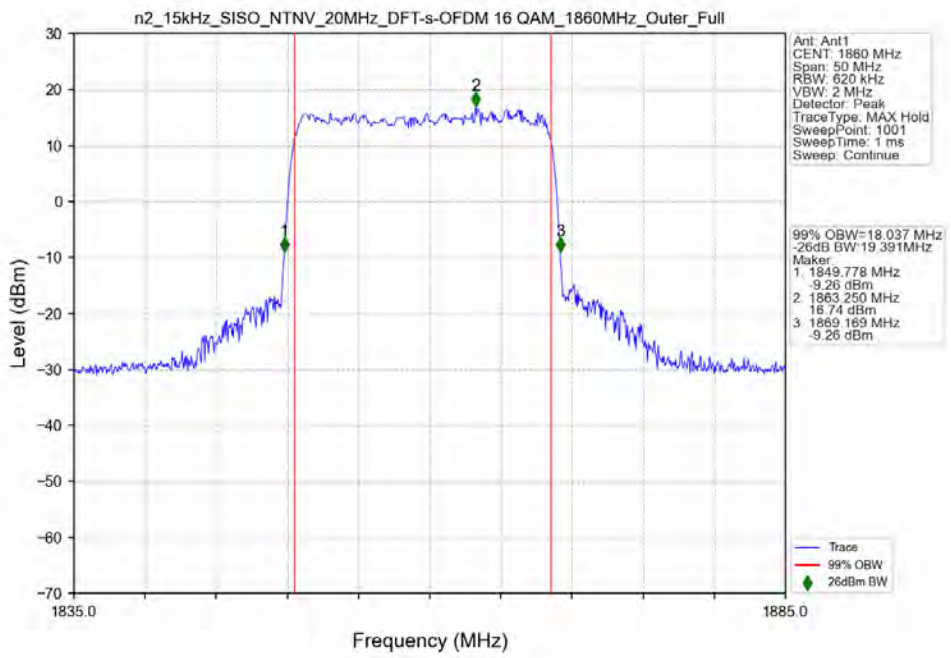

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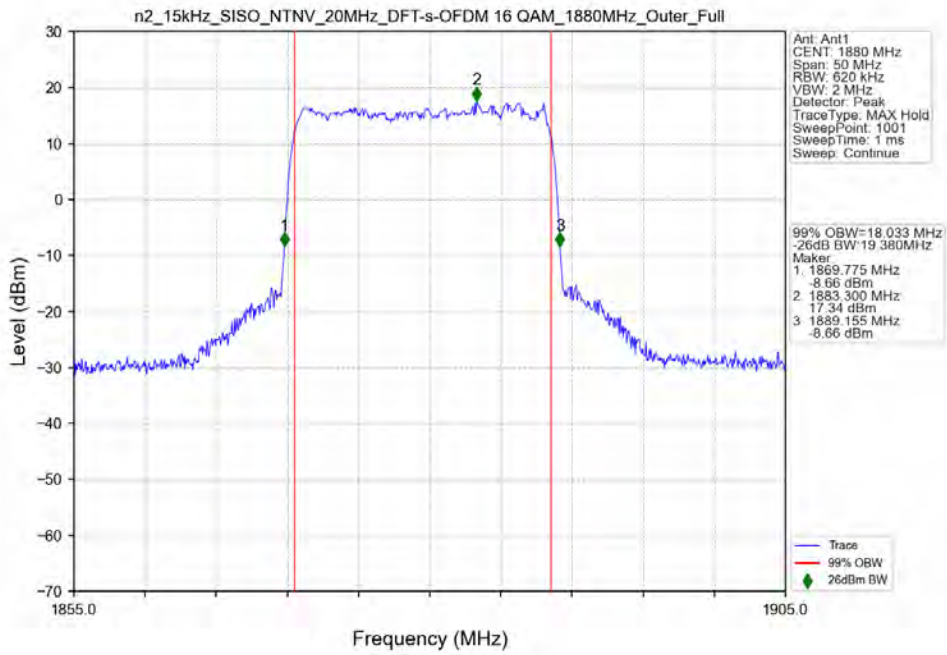

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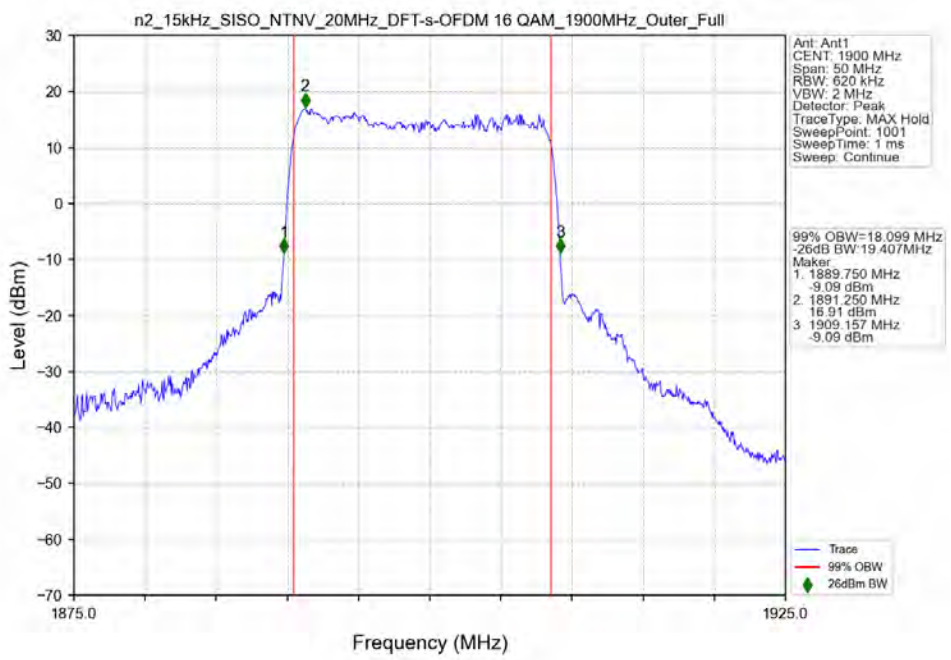
n2_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 16 QAM_1900MHz_Outer_Full



n2_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 64 QAM_1860MHz_Outer_Full

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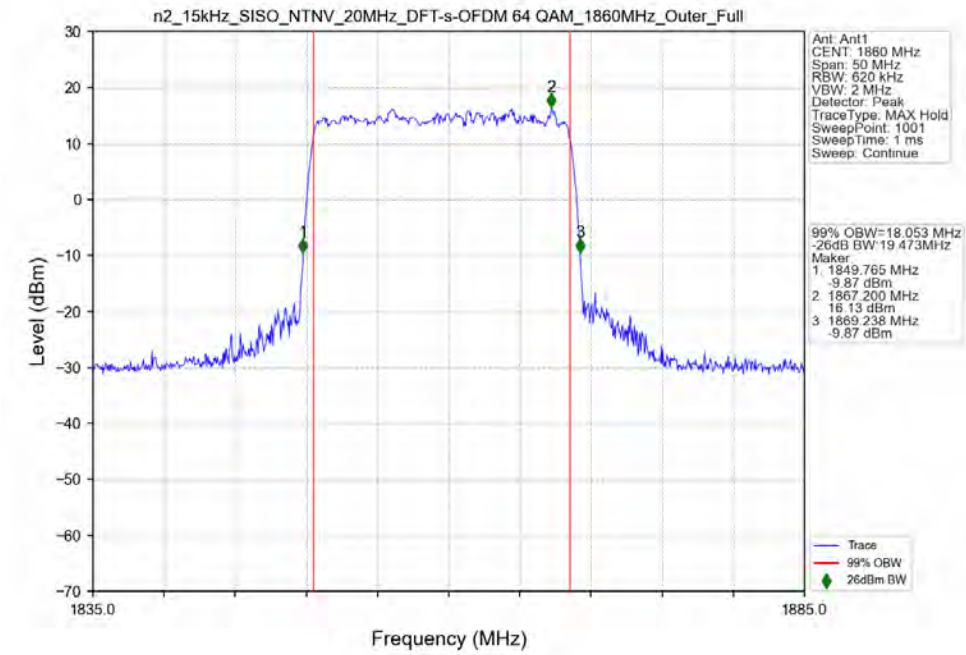

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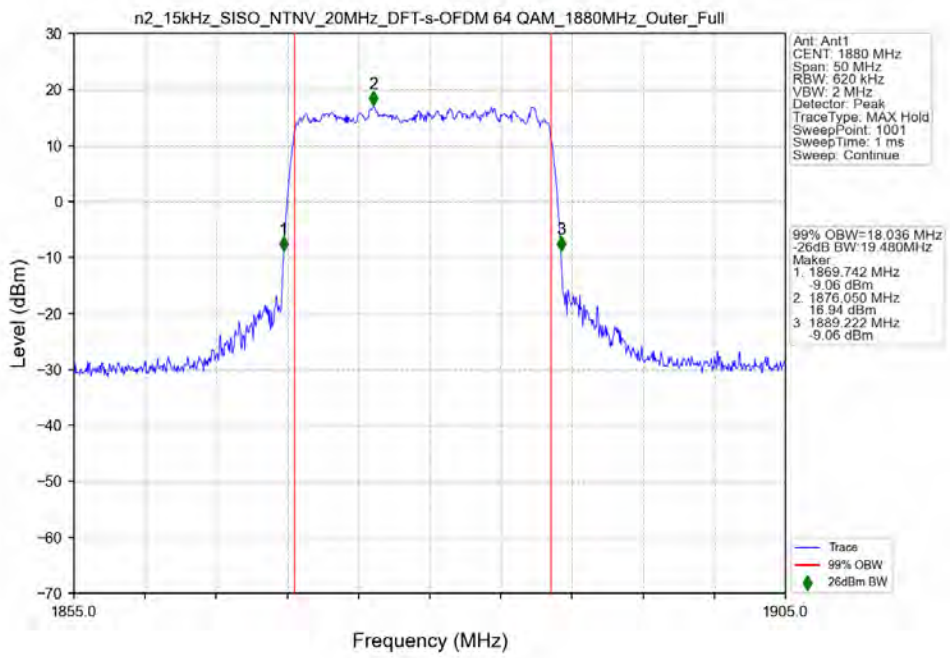

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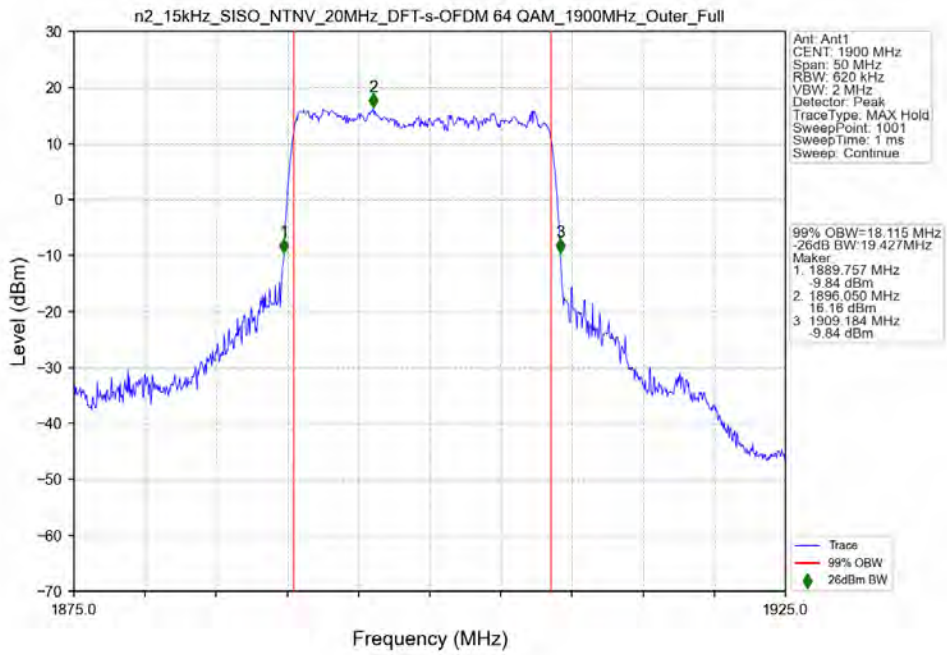

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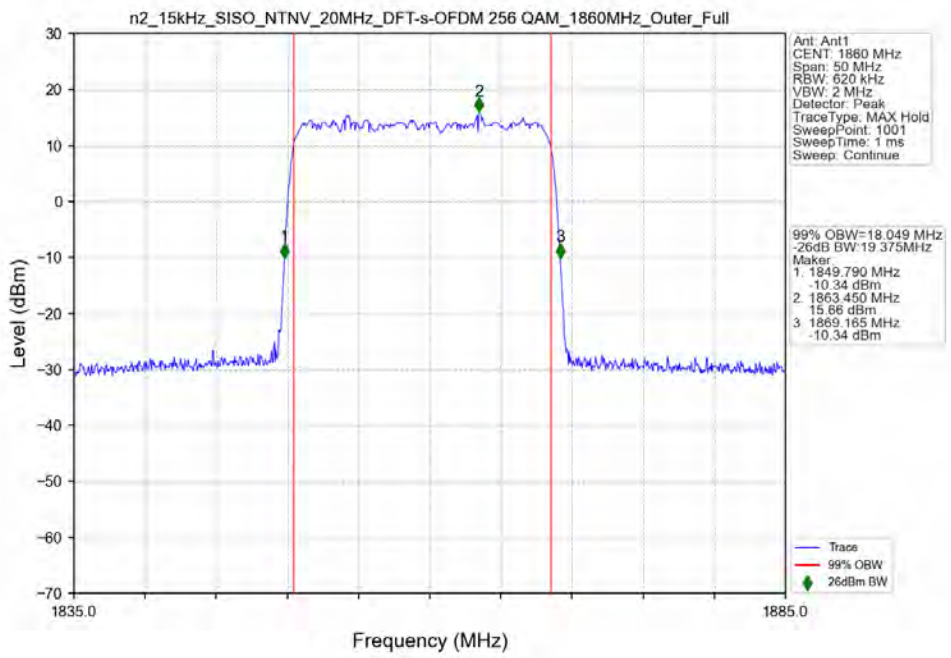

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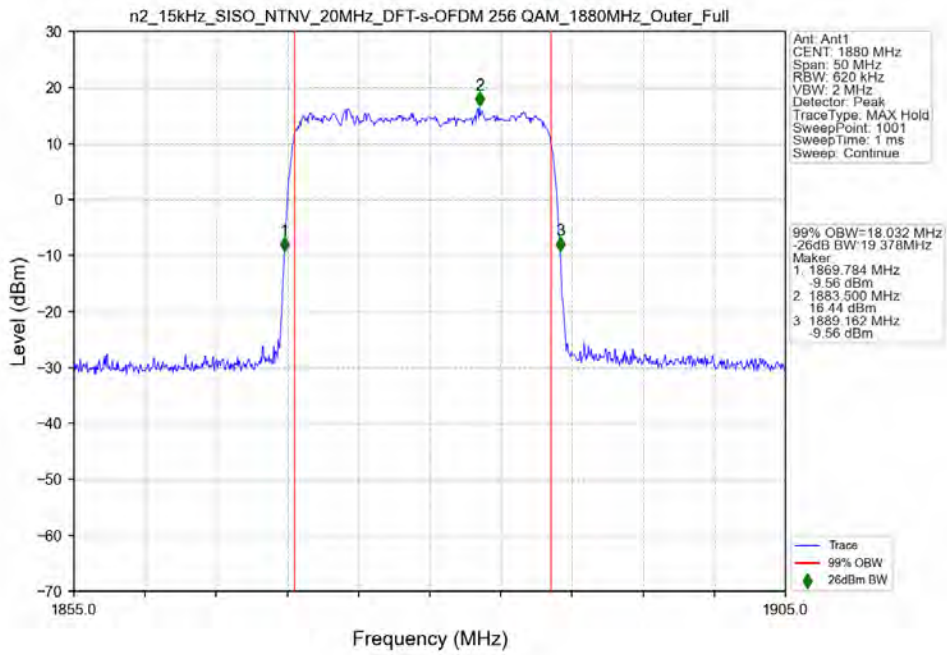

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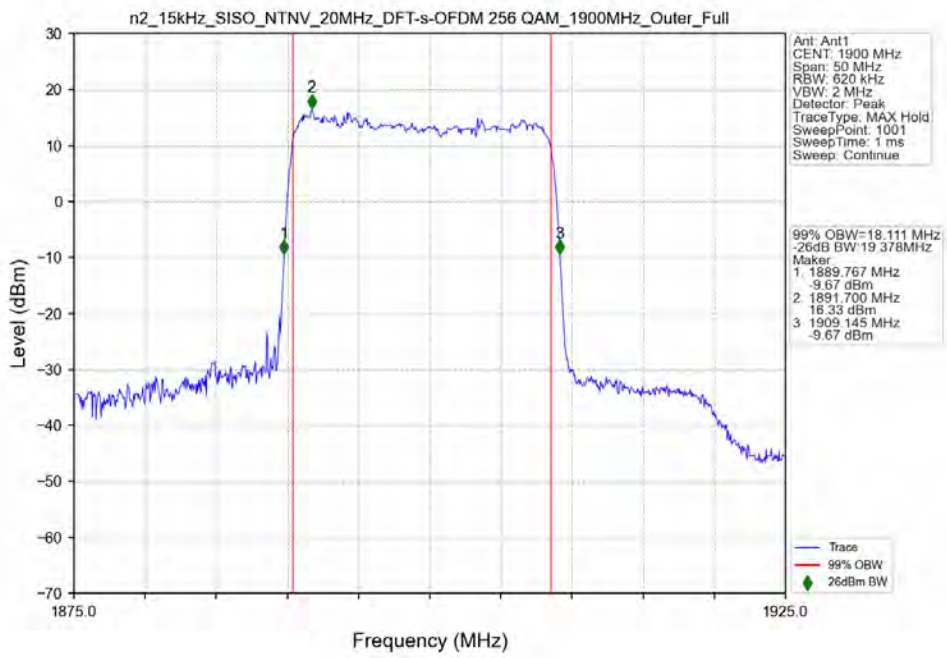

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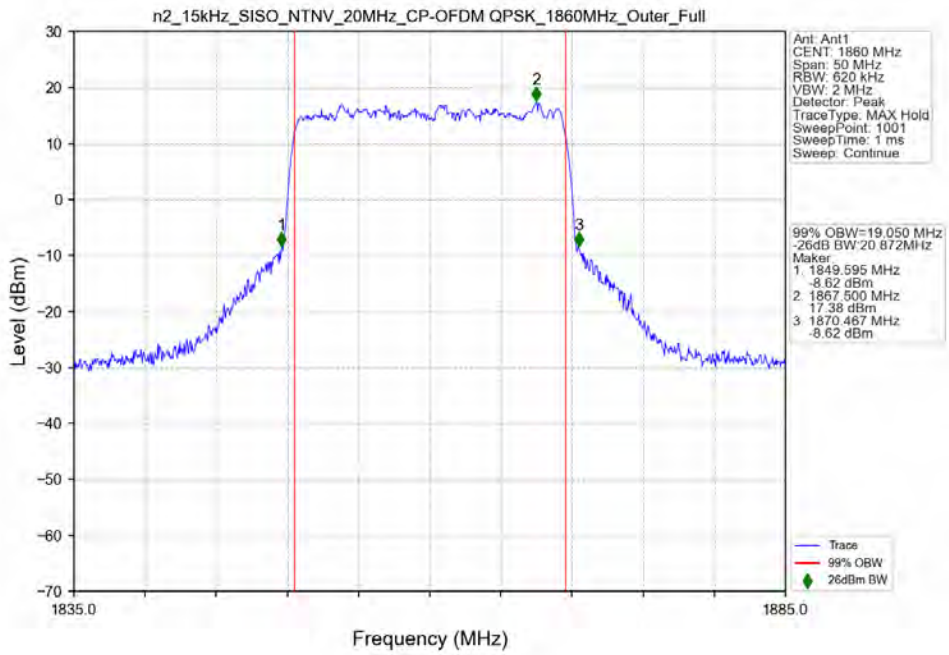

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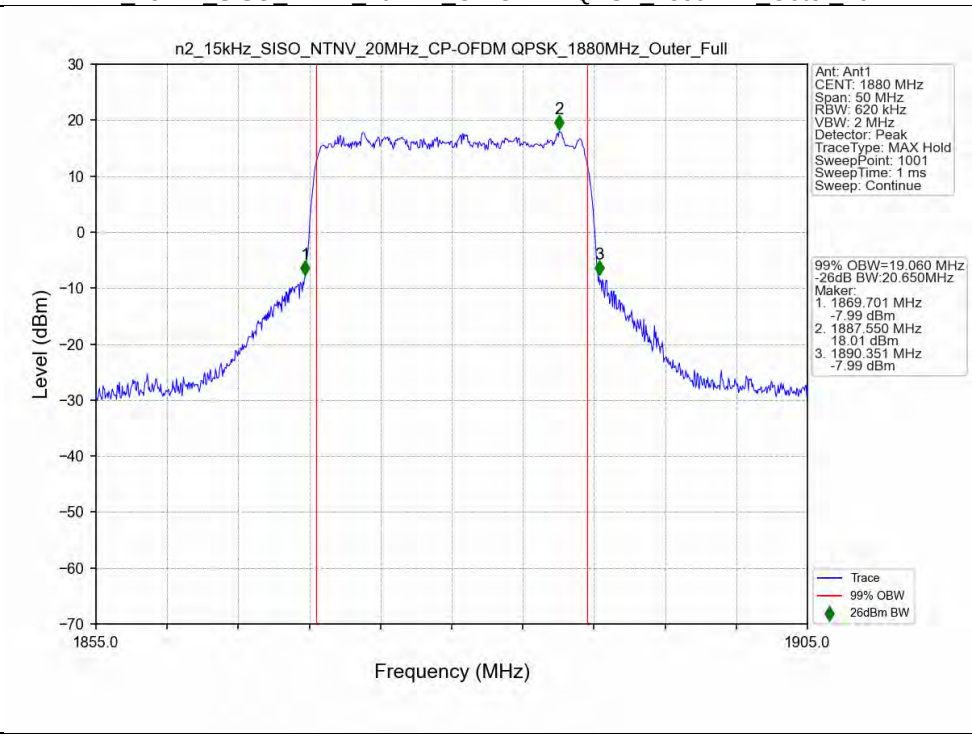

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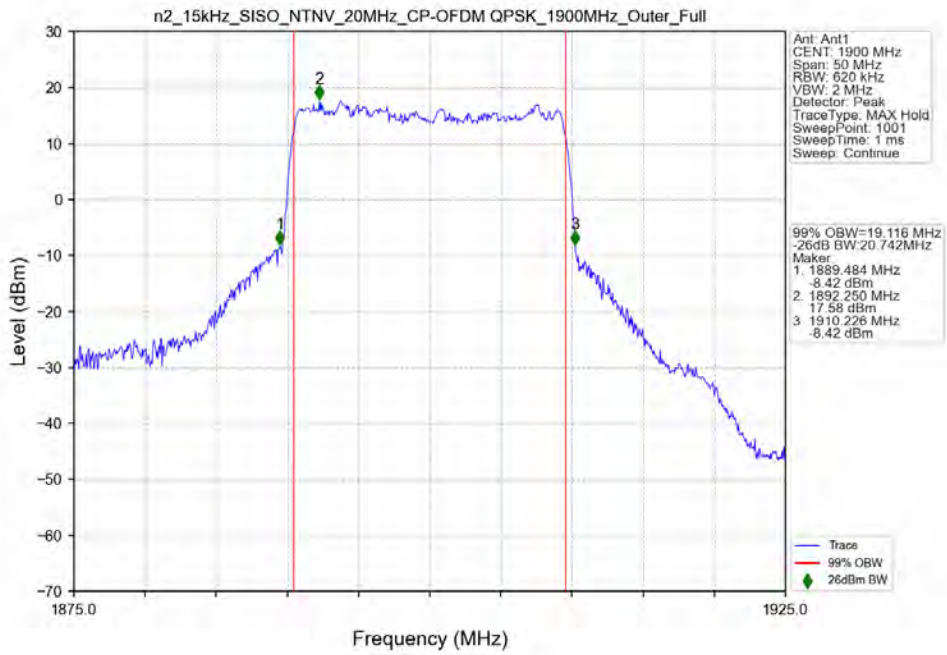

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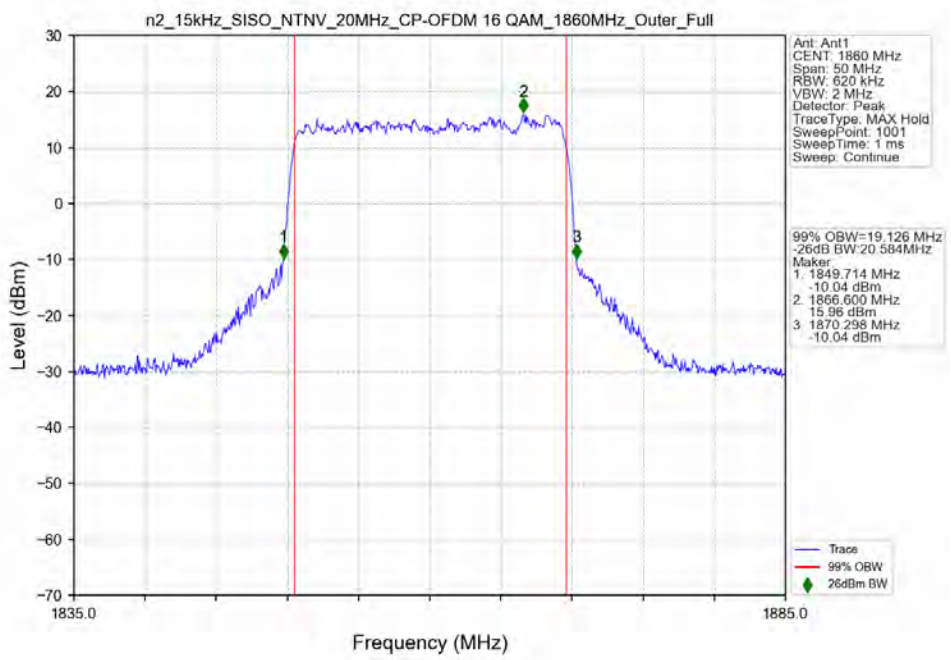

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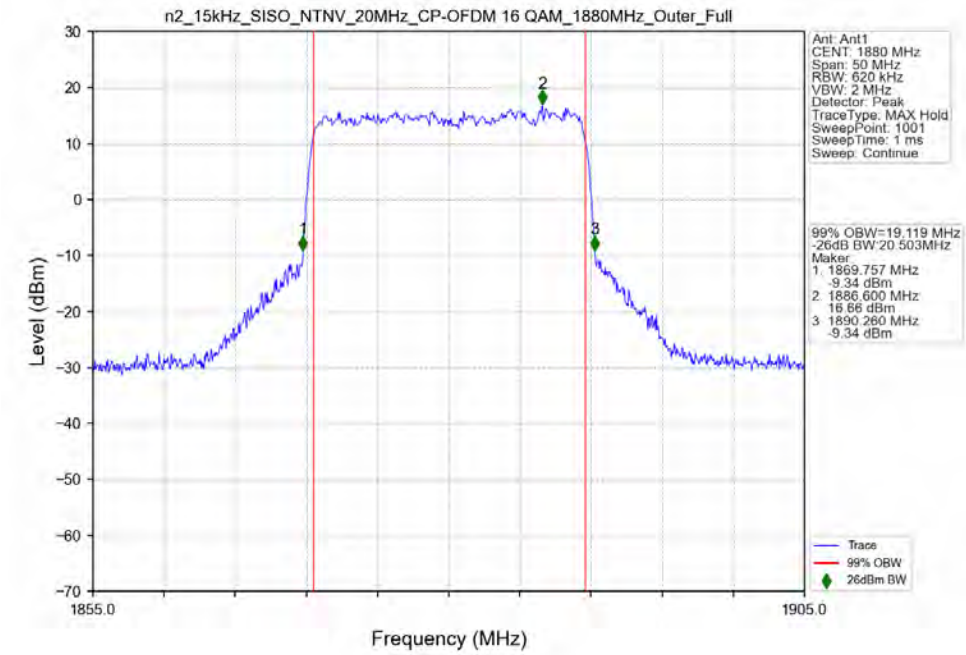

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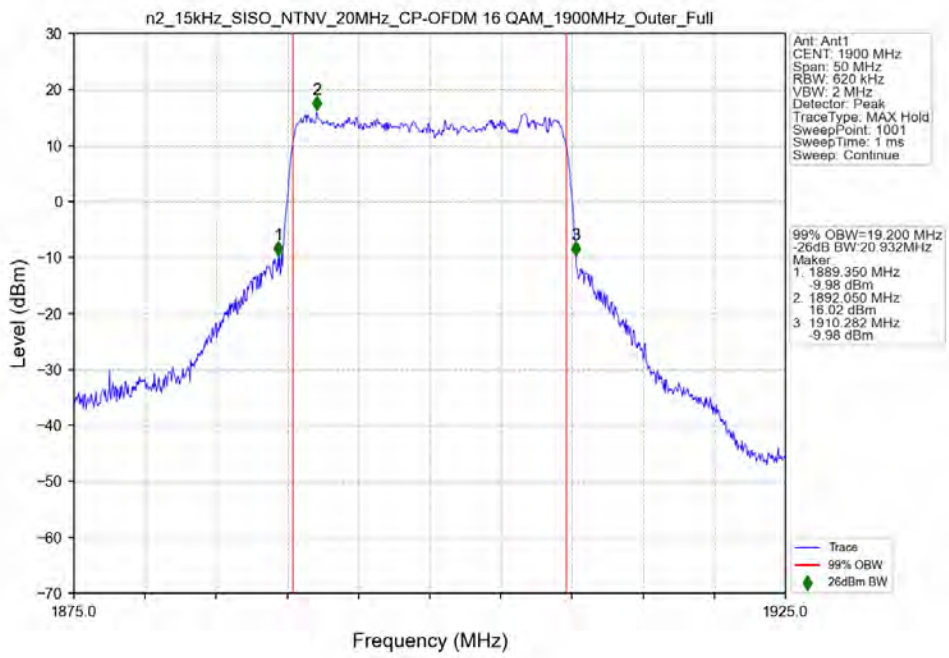

n2_15kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM_1860MHz_Outer_Full

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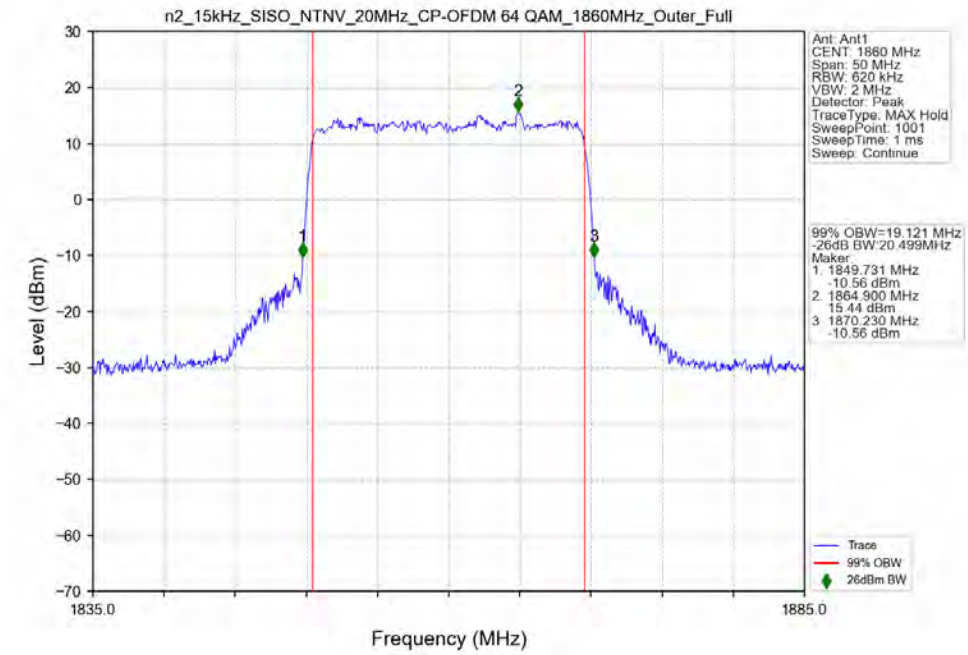

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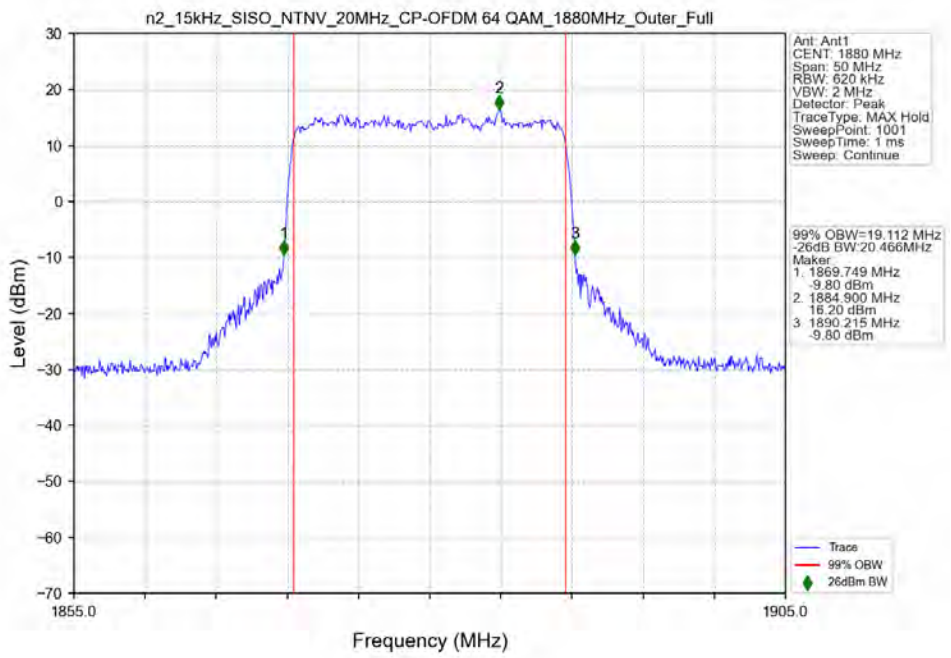
n2_15kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM_1880MHz_Outer_Full



n2_15kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM_1900MHz_Outer_Full

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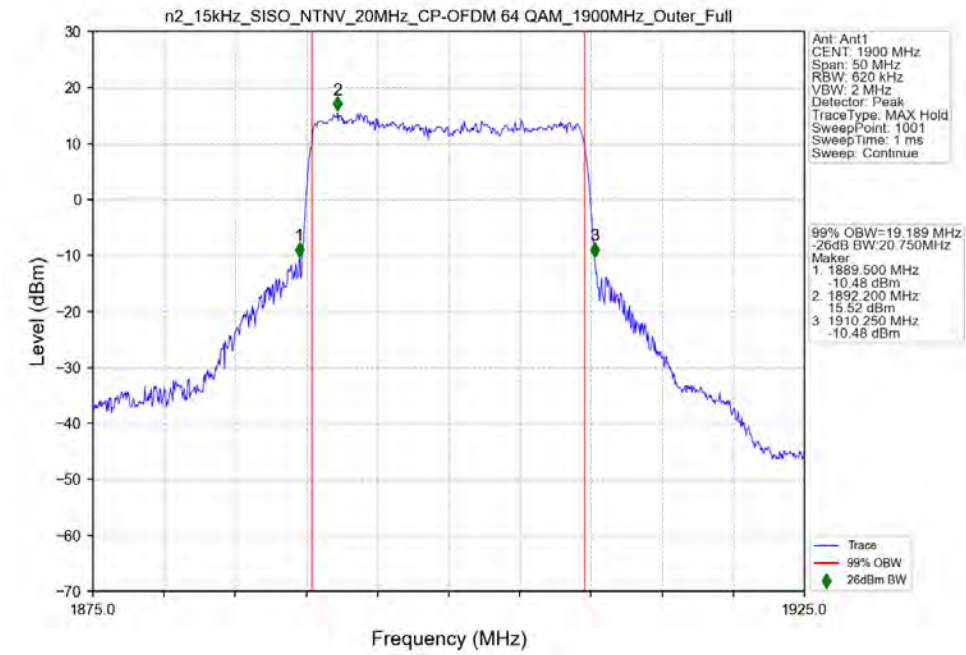

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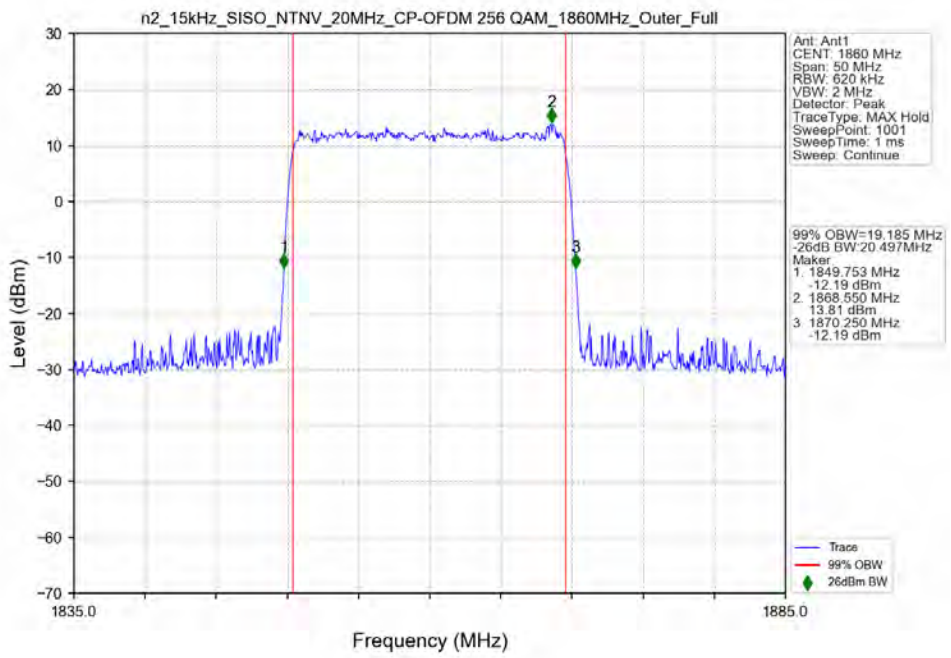
n2_15kHz_SISO_NTNV_20MHz_CP-OFDM 256 QAM_1860MHz_Outer_Full



n2_15kHz_SISO_NTNV_20MHz_CP-OFDM 256 QAM_1880MHz_Outer_Full

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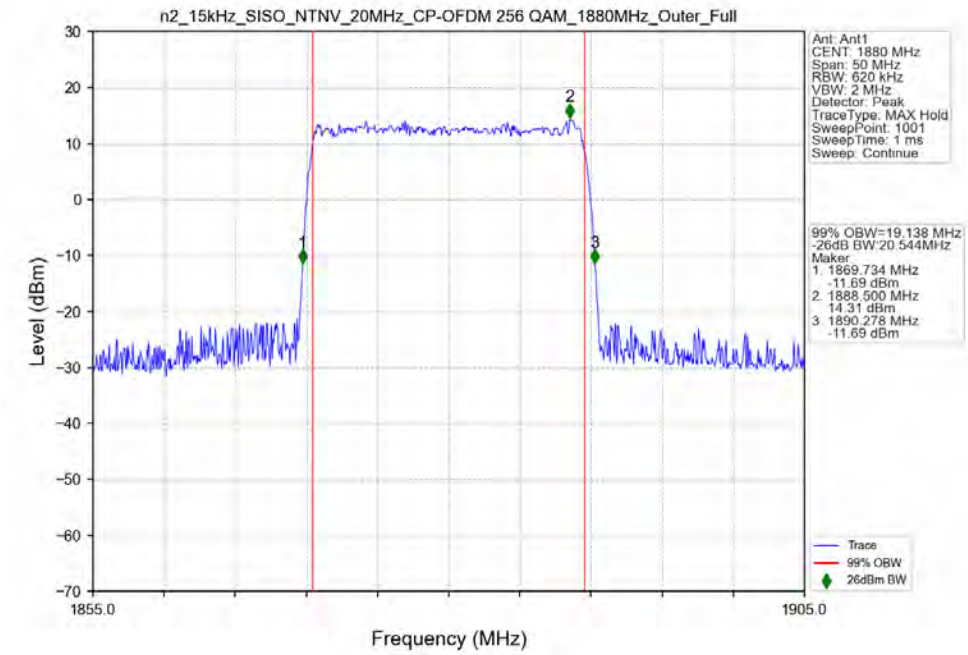

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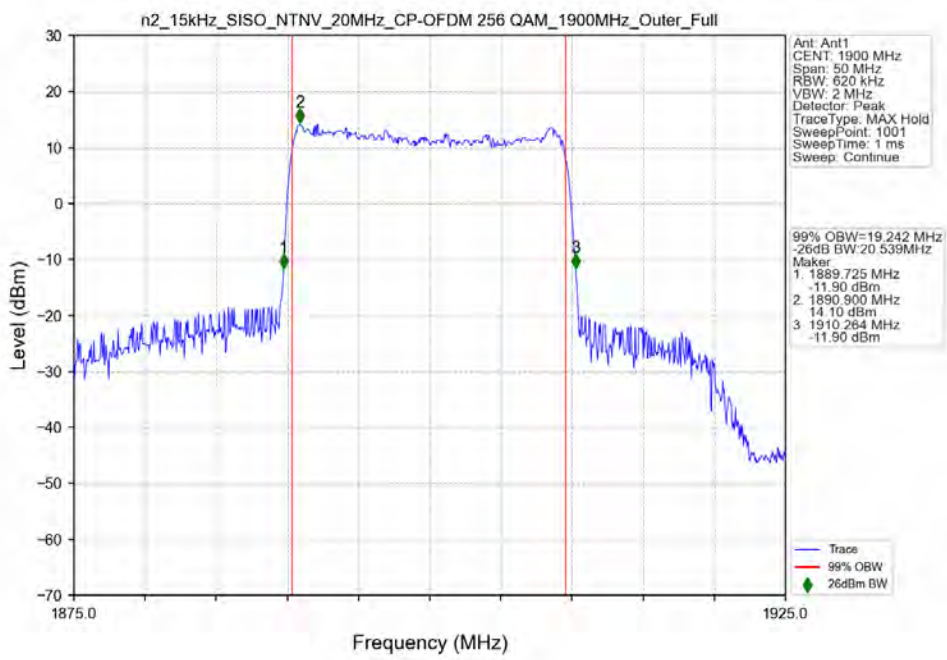

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4. Peak-Average Ratio

4.1 15k_SISO_5MHz_NTNV

4.1.1 Test Result

5G NR n2 SCS=15kHz SISO 5MHz NTNV							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1852.5	Outer_Full	4.12	/	/	<=13	Pass
	1880	Outer_Full	4.09	/	/	<=13	Pass
	1907.5	Outer_Full	4.12	/	/	<=13	Pass
DFT-s-OFDM QPSK	1852.5	Outer_Full	4.54	/	/	<=13	Pass
	1880	Outer_Full	4.83	/	/	<=13	Pass
	1907.5	Outer_Full	4.82	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	1852.5	Outer_Full	5.73	/	/	<=13	Pass
	1880	Outer_Full	5.91	/	/	<=13	Pass
	1907.5	Outer_Full	5.90	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	1852.5	Outer_Full	6.16	/	/	<=13	Pass
	1880	Outer_Full	6.36	/	/	<=13	Pass
	1907.5	Outer_Full	6.31	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	1852.5	Outer_Full	6.38	/	/	<=13	Pass
	1880	Outer_Full	6.39	/	/	<=13	Pass
	1907.5	Outer_Full	6.37	/	/	<=13	Pass
CP-OFDM QPSK	1852.5	Outer_Full	6.90	/	/	<=13	Pass
	1880	Outer_Full	6.45	/	/	<=13	Pass
	1907.5	Outer_Full	6.91	/	/	<=13	Pass
CP-OFDM 16 QAM	1852.5	Outer_Full	6.80	/	/	<=13	Pass
	1880	Outer_Full	7.15	/	/	<=13	Pass
	1907.5	Outer_Full	7.01	/	/	<=13	Pass
CP-OFDM 64 QAM	1852.5	Outer_Full	7.33	/	/	<=13	Pass
	1880	Outer_Full	7.49	/	/	<=13	Pass
	1907.5	Outer_Full	7.50	/	/	<=13	Pass
CP-OFDM 256 QAM	1852.5	Outer_Full	8.39	/	/	<=13	Pass
	1880	Outer_Full	8.37	/	/	<=13	Pass
	1907.5	Outer_Full	8.41	/	/	<=13	Pass

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4.1.2 Test Graph

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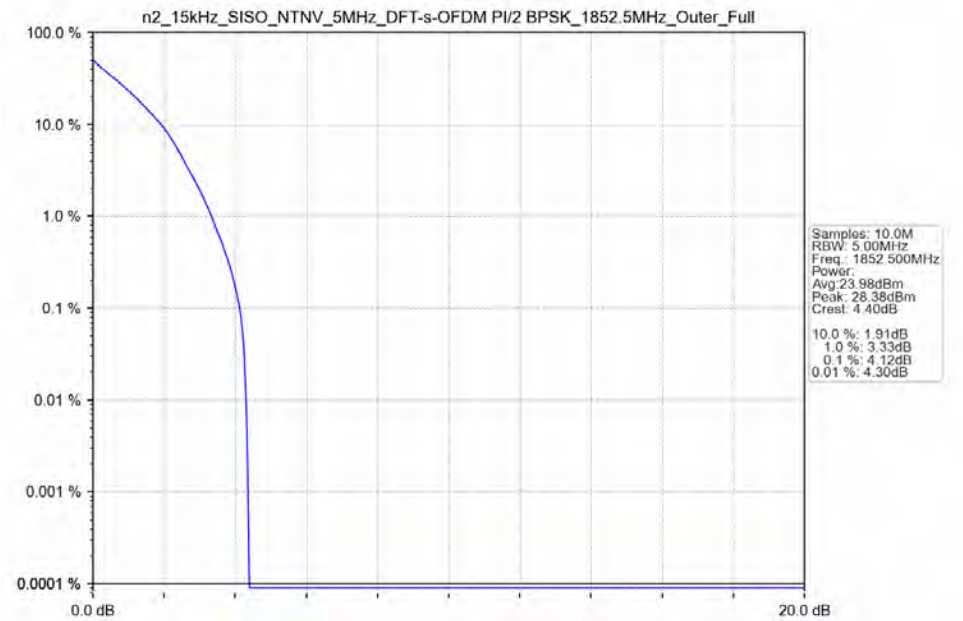

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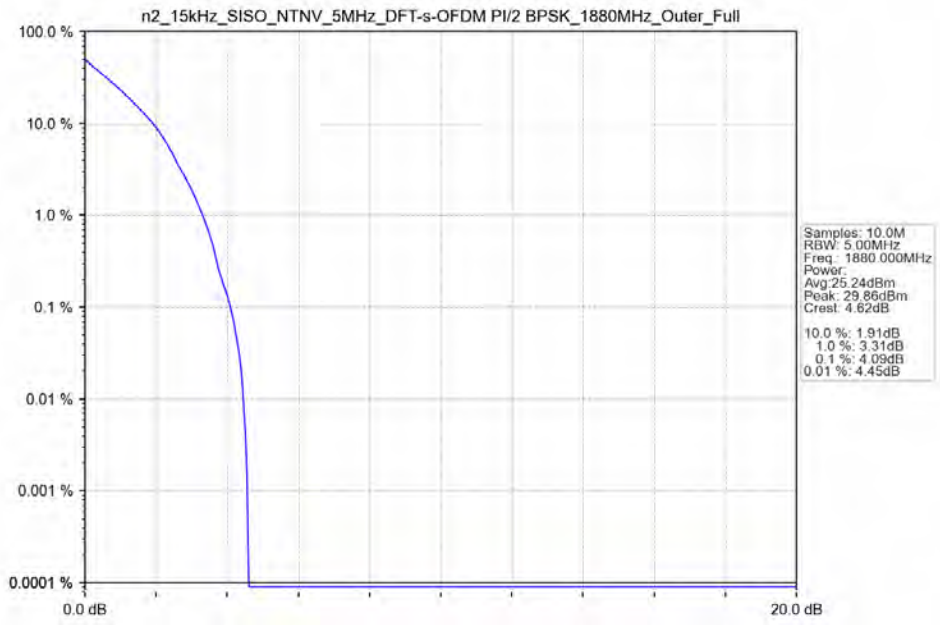

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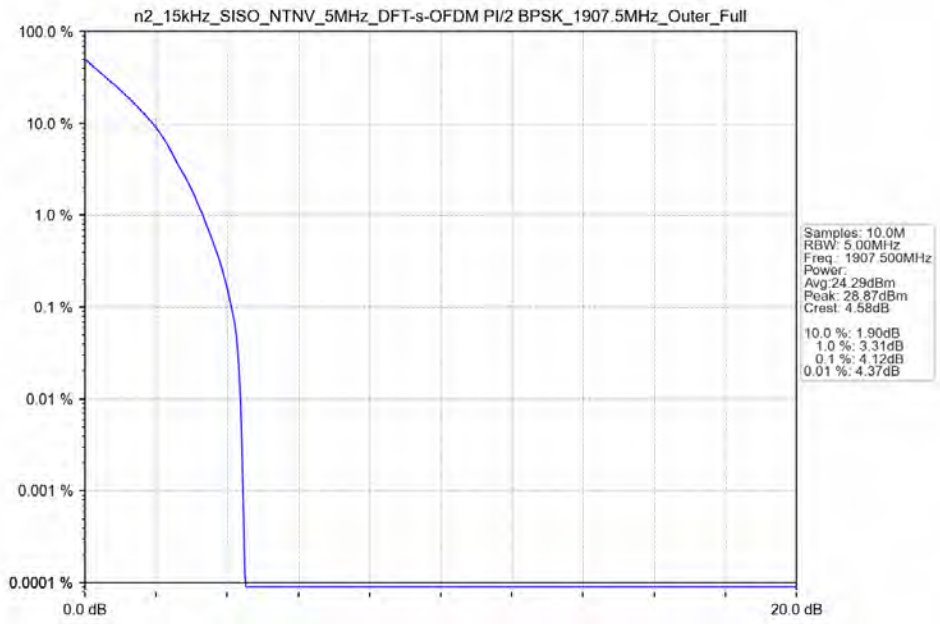

n2_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_1852.5MHz_Outer_Full

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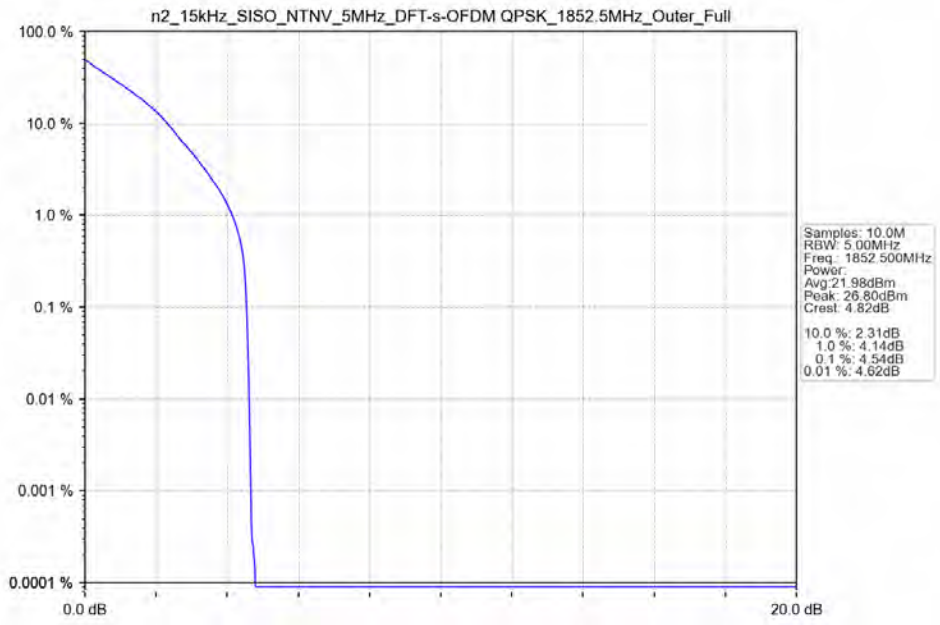

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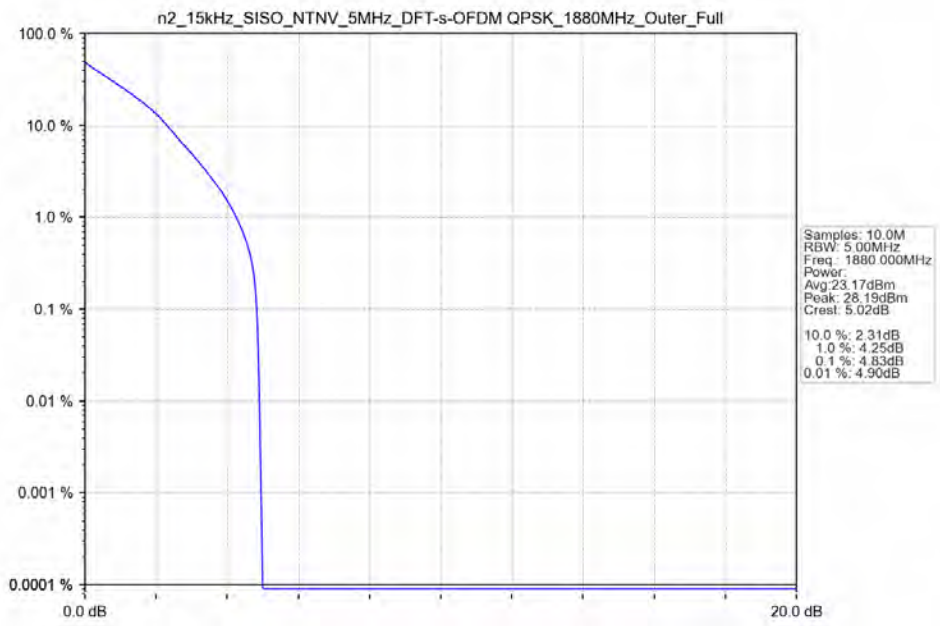

n2_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_1907.5MHz_Outer_Full

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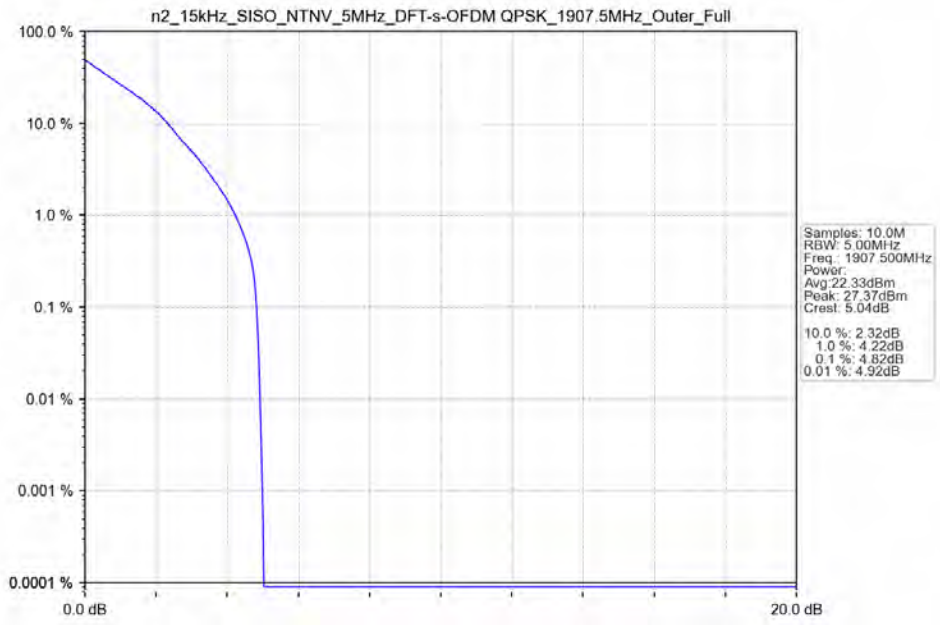

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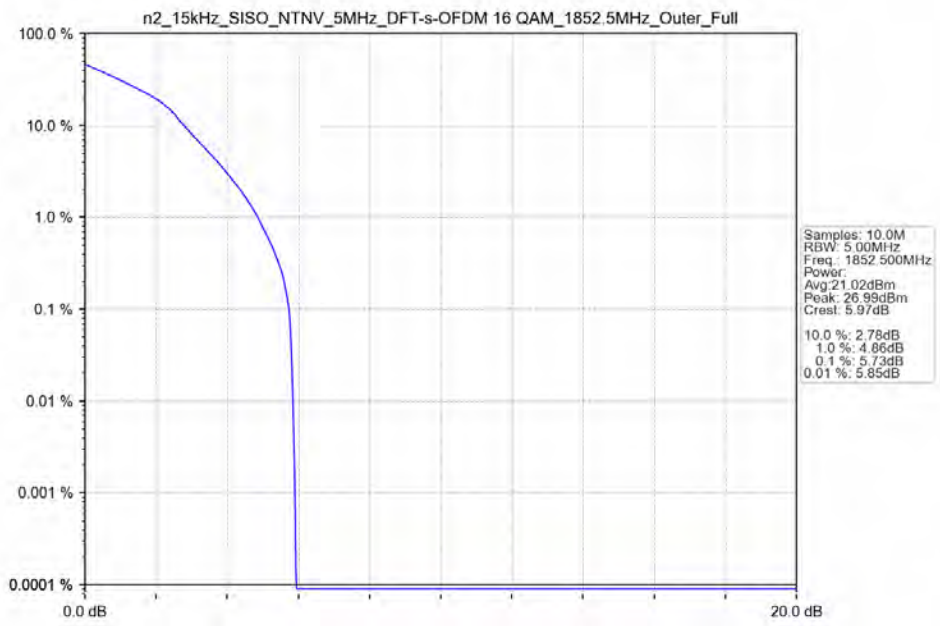
n2_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 16 QAM_1852.5MHz_Outer_Full



n2_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 16 QAM_1880MHz_Outer_Full

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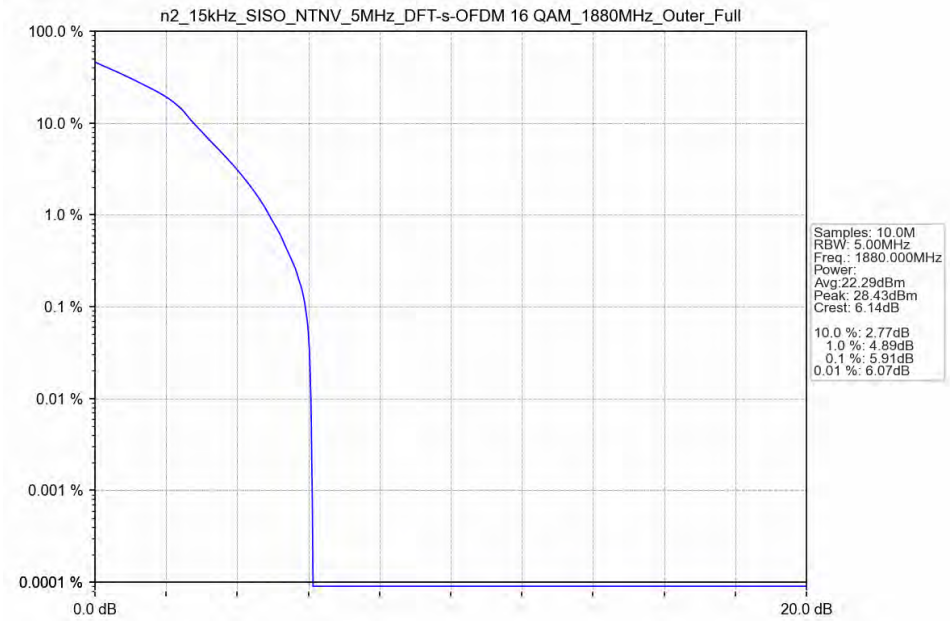

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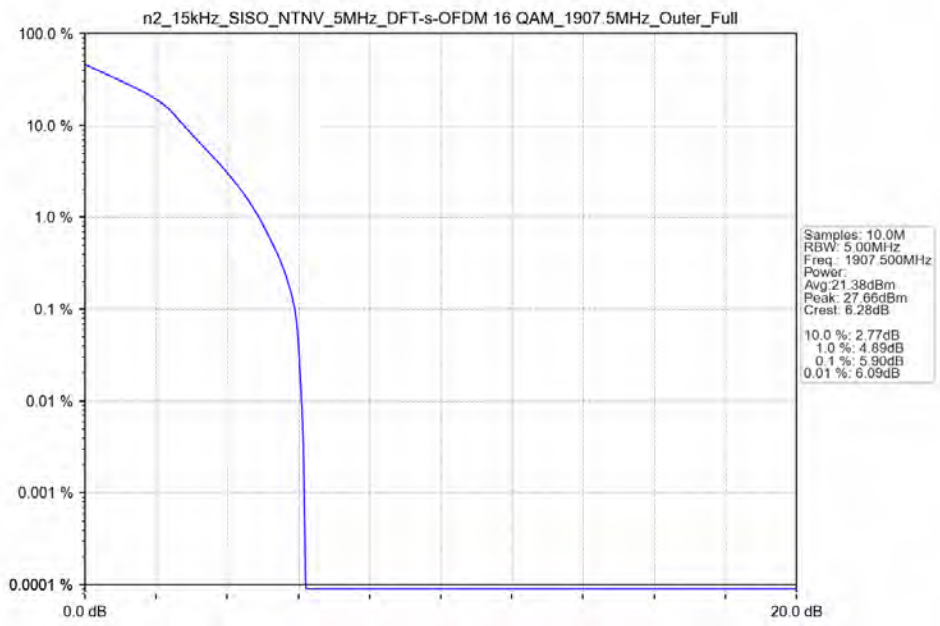

n2_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 64 QAM_1852.5MHz_Outer_Full

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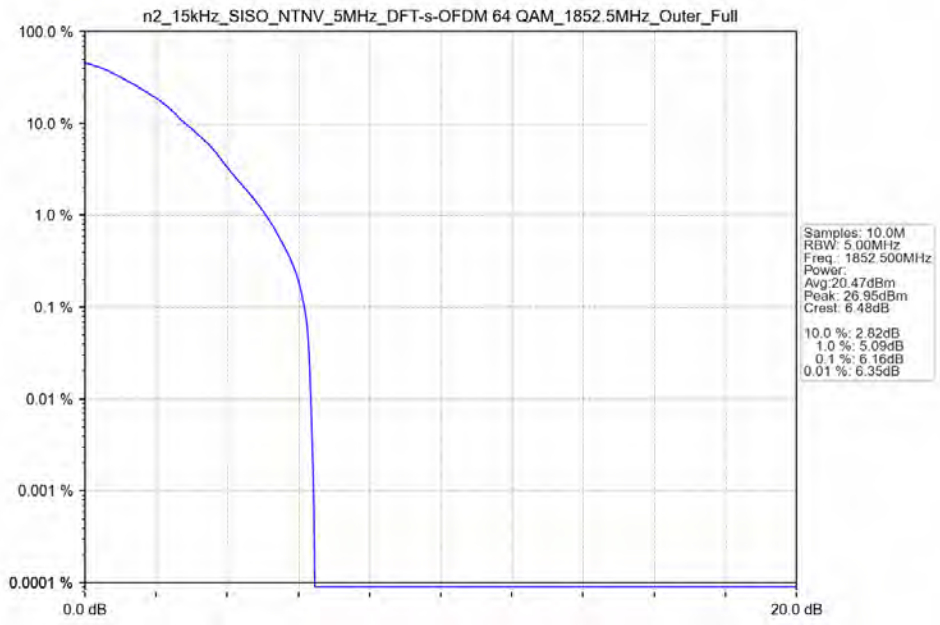

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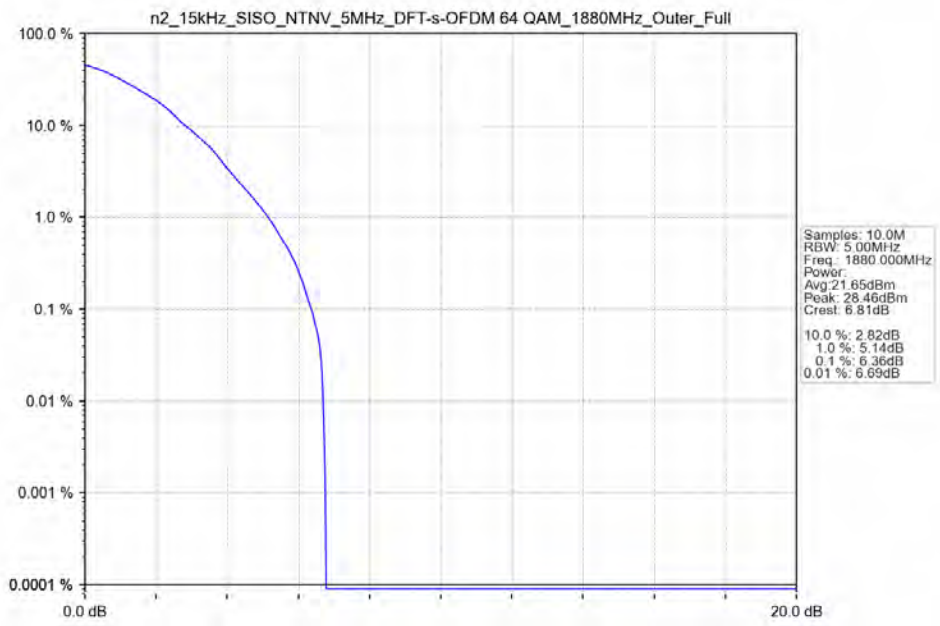

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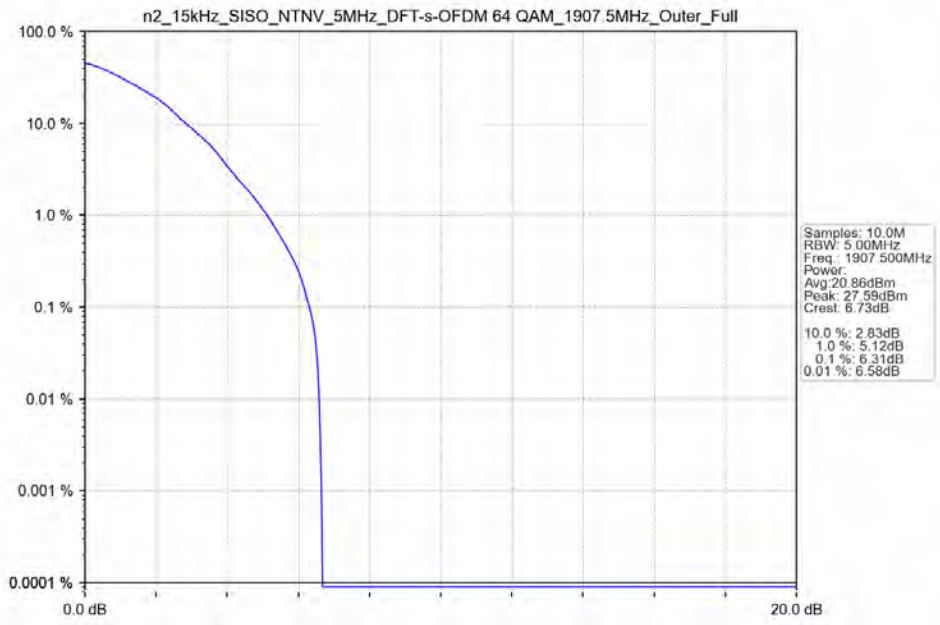

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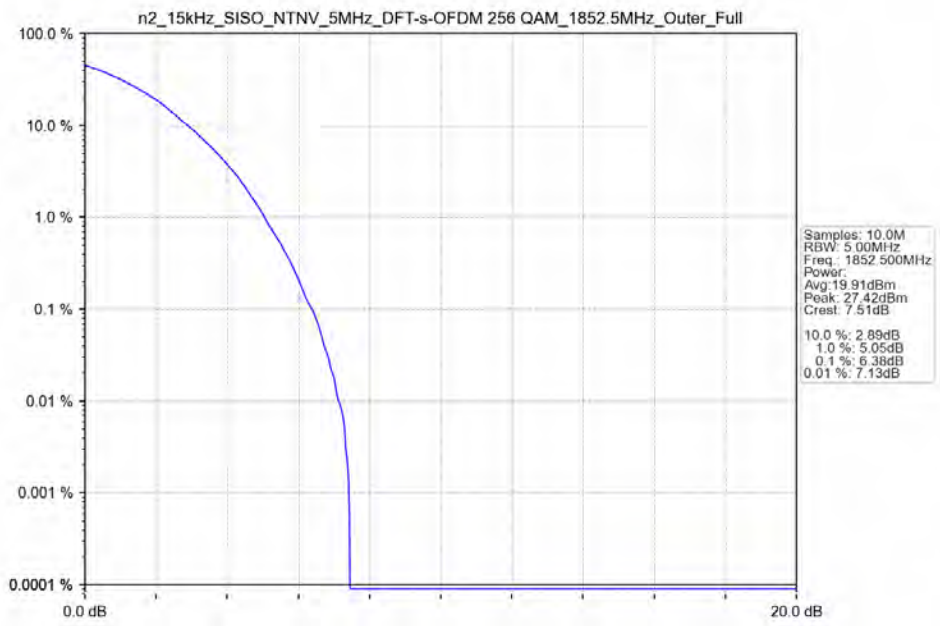

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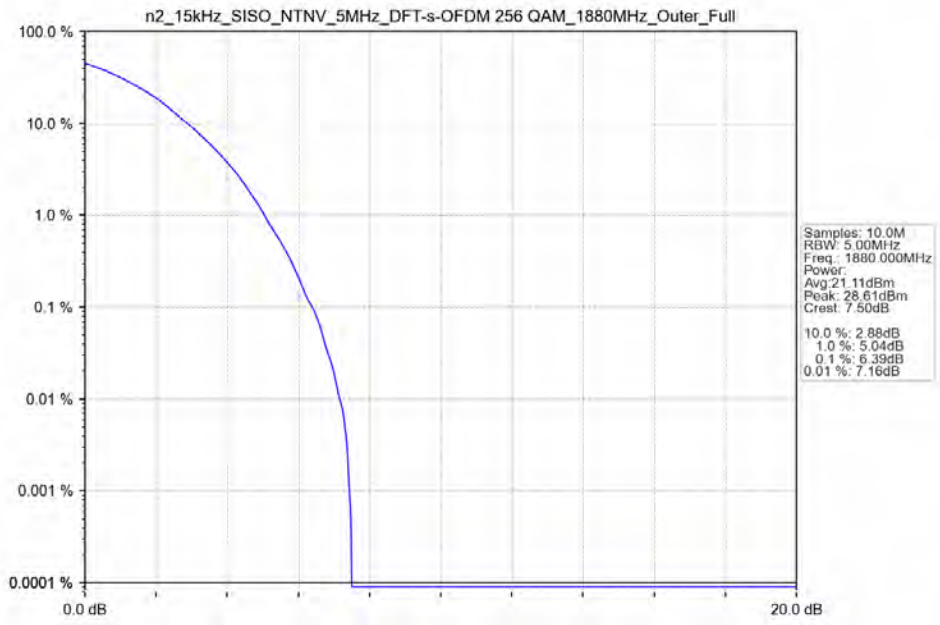

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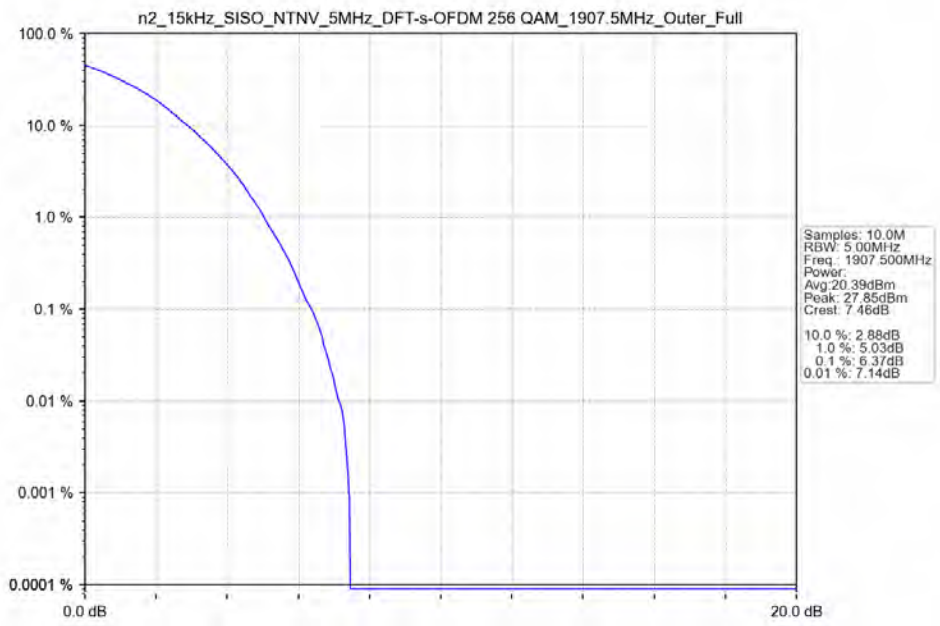

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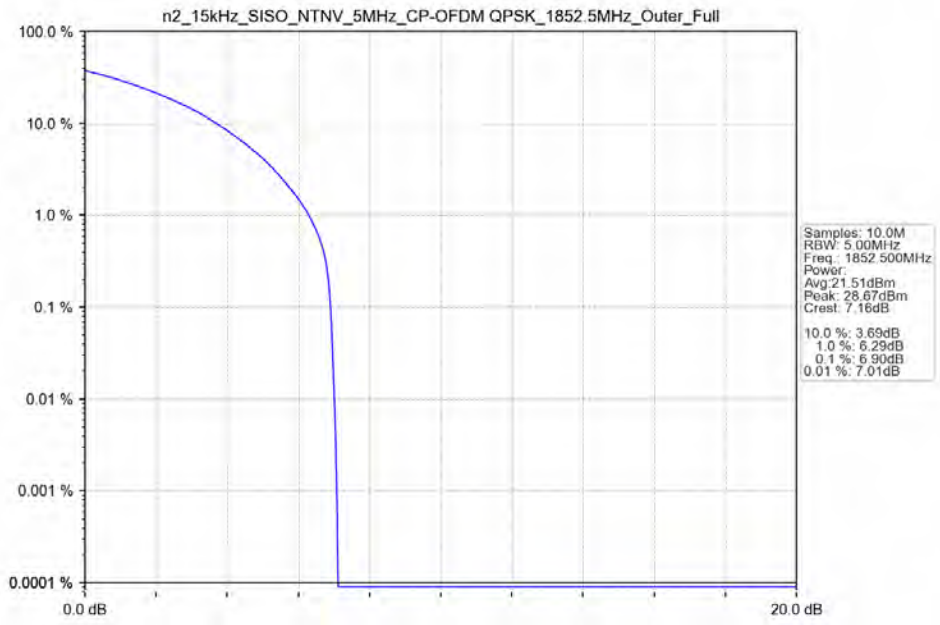

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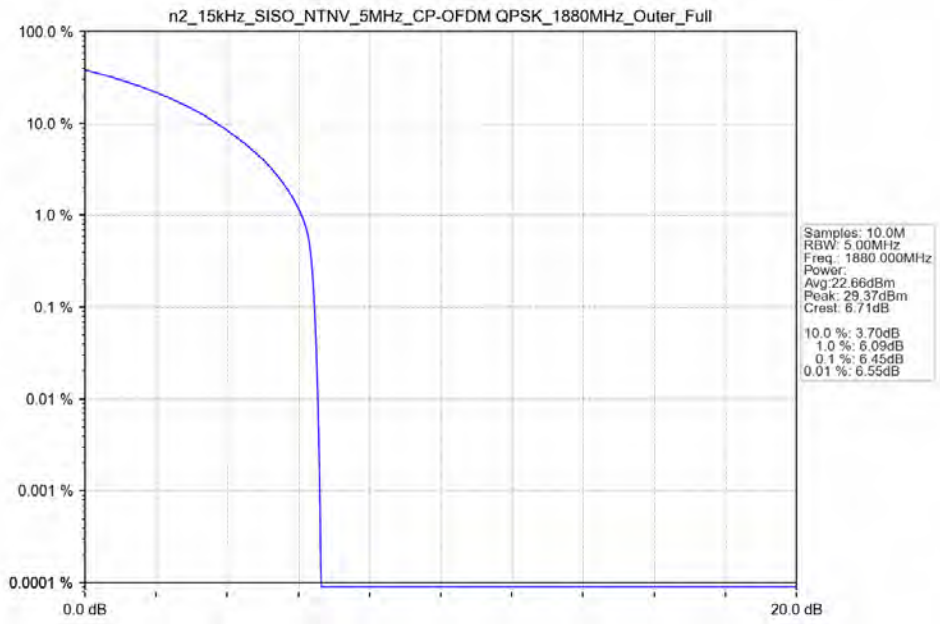

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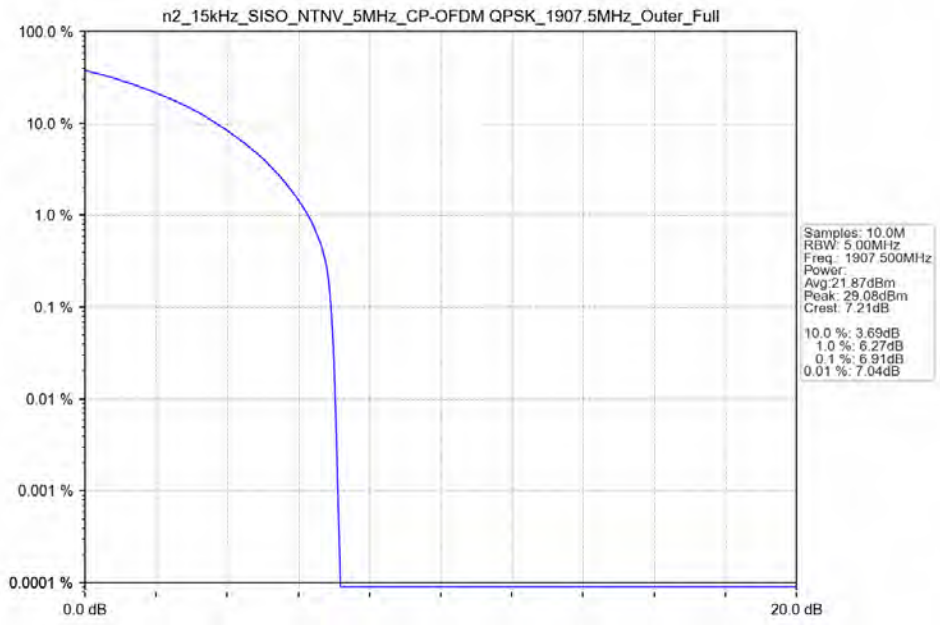

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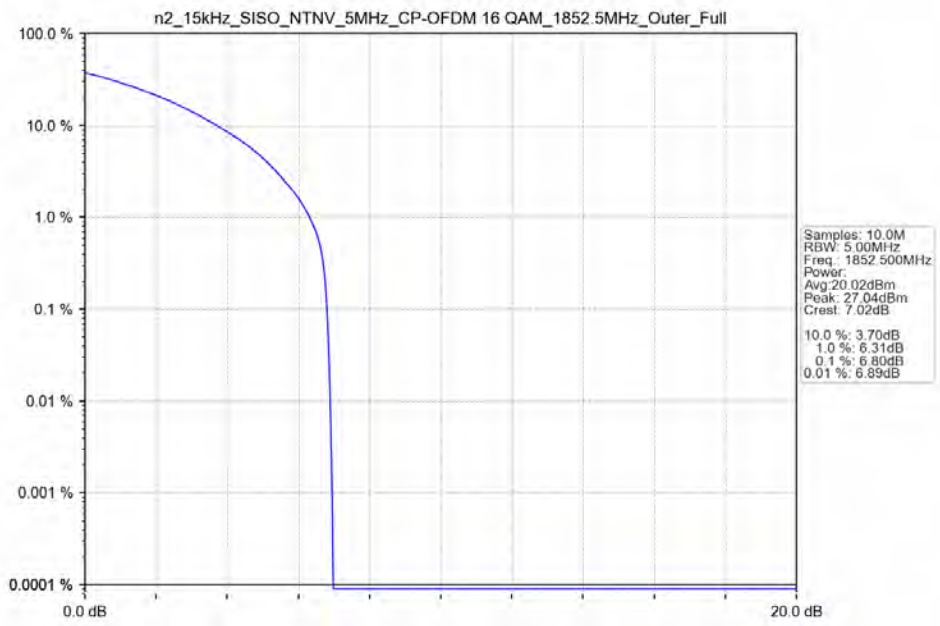
n2_15kHz_SISO_NTNV_5MHz_CP-OFDM 16 QAM_1852.5MHz_Outer_Full



n2_15kHz_SISO_NTNV_5MHz_CP-OFDM 16 QAM_1880MHz_Outer_Full

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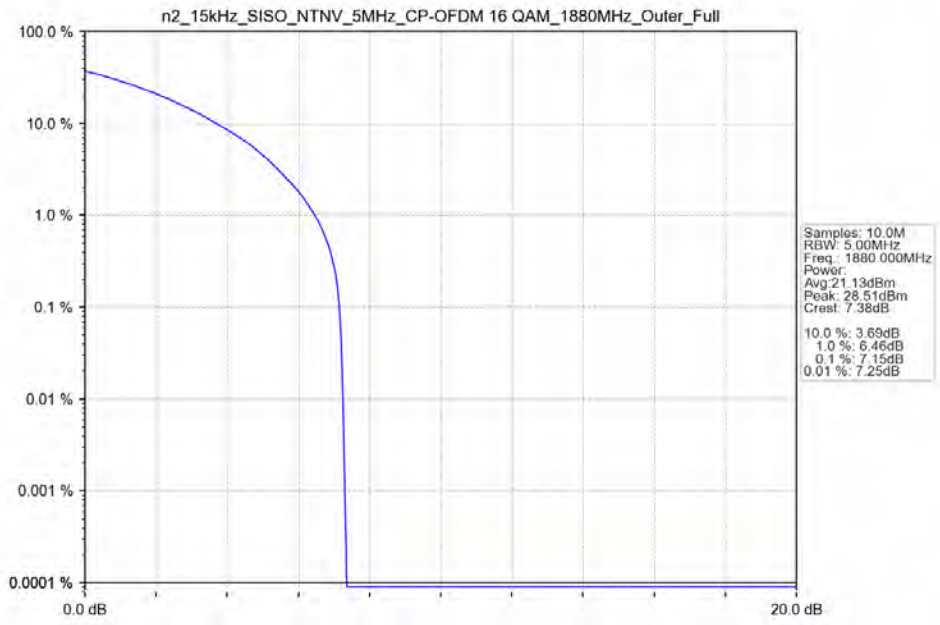

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