

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 15k_SISO_5MHz_NTNV_EIRP

5G NR n25 SCS=15kHz SISO 5MHz NTN										
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	22.68	/	/	25.55	/	/	<=33	Pass
		Edge_1RB_Right	22.60	/	/	25.47	/	/	<=33	Pass
		Outer_Full	22.69	/	/	25.56	/	/	<=33	Pass
		Inner_Full	23.14	/	/	26.01	/	/	<=33	Pass
		Inner_1RB_Left	23.18	/	/	26.05	/	/	<=33	Pass
		Inner_1RB_Right	23.11	/	/	25.98	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	22.05	/	/	24.92	/	/	<=33	Pass
		Edge_1RB_Right	22.30	/	/	25.17	/	/	<=33	Pass
		Outer_Full	22.15	/	/	25.02	/	/	<=33	Pass
		Inner_Full	22.60	/	/	25.47	/	/	<=33	Pass
		Inner_1RB_Left	22.57	/	/	25.44	/	/	<=33	Pass
		Inner_1RB_Right	22.76	/	/	25.63	/	/	<=33	Pass
	1912.5	Edge_1RB_Left	22.67	/	/	25.54	/	/	<=33	Pass
		Edge_1RB_Right	22.55	/	/	25.42	/	/	<=33	Pass
		Outer_Full	22.63	/	/	25.50	/	/	<=33	Pass
		Inner_Full	23.14	/	/	26.01	/	/	<=33	Pass
		Inner_1RB_Left	23.14	/	/	26.01	/	/	<=33	Pass
		Inner_1RB_Right	23.06	/	/	25.93	/	/	<=33	Pass
DFT-s-OFDM QPSK	1852.5	Edge_1RB_Left	22.28	/	/	25.15	/	/	<=33	Pass
		Edge_1RB_Right	22.17	/	/	25.04	/	/	<=33	Pass
		Outer_Full	22.22	/	/	25.09	/	/	<=33	Pass
		Inner_Full	23.16	/	/	26.03	/	/	<=33	Pass
		Inner_1RB_Left	23.26	/	/	26.13	/	/	<=33	Pass
		Inner_1RB_Right	23.20	/	/	26.07	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	21.63	/	/	24.50	/	/	<=33	Pass
		Edge_1RB_Right	21.86	/	/	24.73	/	/	<=33	Pass
		Outer_Full	21.63	/	/	24.50	/	/	<=33	Pass
		Inner_Full	22.58	/	/	25.45	/	/	<=33	Pass
		Inner_1RB_Left	22.54	/	/	25.41	/	/	<=33	Pass
		Inner_1RB_Right	22.78	/	/	25.65	/	/	<=33	Pass
	1912.5	Edge_1RB_Left	22.12	/	/	24.99	/	/	<=33	Pass
		Edge_1RB_Right	22.08	/	/	24.95	/	/	<=33	Pass
		Outer_Full	22.12	/	/	24.99	/	/	<=33	Pass
		Inner_Full	22.99	/	/	25.86	/	/	<=33	Pass
		Inner_1RB_Left	23.18	/	/	26.05	/	/	<=33	Pass
		Inner_1RB_Right	23.08	/	/	25.95	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	1852.5	Edge_1RB_Left	21.28	/	/	24.15	/	/	<=33	Pass
		Edge_1RB_Right	21.23	/	/	24.10	/	/	<=33	Pass
		Outer_Full	21.23	/	/	24.10	/	/	<=33	Pass
		Inner_Full	22.30	/	/	25.17	/	/	<=33	Pass
		Inner_1RB_Left	22.35	/	/	25.22	/	/	<=33	Pass
		Inner_1RB_Right	22.22	/	/	25.09	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	20.77	/	/	23.64	/	/	<=33	Pass
		Edge_1RB_Right	20.94	/	/	23.81	/	/	<=33	Pass
		Outer_Full	20.70	/	/	23.57	/	/	<=33	Pass
		Inner_Full	21.65	/	/	24.52	/	/	<=33	Pass
		Inner_1RB_Left	21.66	/	/	24.53	/	/	<=33	Pass
		Inner_1RB_Right	21.89	/	/	24.76	/	/	<=33	Pass
	1912.5	Edge_1RB_Left	21.31	/	/	24.18	/	/	<=33	Pass

		Edge_1RB_Right	21.14	/	/	24.01	/	/	<=33	Pass
		Outer_Full	21.14	/	/	24.01	/	/	<=33	Pass
		Inner_Full	22.17	/	/	25.04	/	/	<=33	Pass
		Inner_1RB_Left	22.21	/	/	25.08	/	/	<=33	Pass
		Inner_1RB_Right	22.09	/	/	24.96	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	1852.5	Edge_1RB_Left	20.94	/	/	23.81	/	/	<=33	Pass
		Edge_1RB_Right	20.84	/	/	23.71	/	/	<=33	Pass
		Outer_Full	20.77	/	/	23.64	/	/	<=33	Pass
		Inner_Full	20.77	/	/	23.64	/	/	<=33	Pass
		Inner_1RB_Left	21.00	/	/	23.87	/	/	<=33	Pass
		Inner_1RB_Right	20.87	/	/	23.74	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	20.28	/	/	23.15	/	/	<=33	Pass
		Edge_1RB_Right	20.51	/	/	23.38	/	/	<=33	Pass
		Outer_Full	20.11	/	/	22.98	/	/	<=33	Pass
		Inner_Full	20.24	/	/	23.11	/	/	<=33	Pass
		Inner_1RB_Left	20.28	/	/	23.15	/	/	<=33	Pass
		Inner_1RB_Right	20.50	/	/	23.37	/	/	<=33	Pass
	1912.5	Edge_1RB_Left	20.85	/	/	23.72	/	/	<=33	Pass
		Edge_1RB_Right	20.76	/	/	23.63	/	/	<=33	Pass
		Outer_Full	20.67	/	/	23.54	/	/	<=33	Pass
		Inner_Full	20.74	/	/	23.61	/	/	<=33	Pass
		Inner_1RB_Left	20.90	/	/	23.77	/	/	<=33	Pass
		Inner_1RB_Right	20.75	/	/	23.62	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	1852.5	Edge_1RB_Left	18.31	/	/	21.18	/	/	<=33	Pass
		Edge_1RB_Right	18.11	/	/	20.98	/	/	<=33	Pass
		Outer_Full	18.67	/	/	21.54	/	/	<=33	Pass
		Inner_Full	18.72	/	/	21.59	/	/	<=33	Pass
		Inner_1RB_Left	18.22	/	/	21.09	/	/	<=33	Pass
		Inner_1RB_Right	18.16	/	/	21.03	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	17.57	/	/	20.44	/	/	<=33	Pass
		Edge_1RB_Right	17.79	/	/	20.66	/	/	<=33	Pass
		Outer_Full	17.98	/	/	20.85	/	/	<=33	Pass
		Inner_Full	18.05	/	/	20.92	/	/	<=33	Pass
		Inner_1RB_Left	17.55	/	/	20.42	/	/	<=33	Pass
		Inner_1RB_Right	17.80	/	/	20.67	/	/	<=33	Pass
	1912.5	Edge_1RB_Left	18.18	/	/	21.05	/	/	<=33	Pass
		Edge_1RB_Right	18.10	/	/	20.97	/	/	<=33	Pass
		Outer_Full	18.57	/	/	21.44	/	/	<=33	Pass
		Inner_Full	18.54	/	/	21.41	/	/	<=33	Pass
		Inner_1RB_Left	18.18	/	/	21.05	/	/	<=33	Pass
		Inner_1RB_Right	18.04	/	/	20.91	/	/	<=33	Pass
CP-OFDM QPSK	1852.5	Edge_1RB_Left	20.37	/	/	23.24	/	/	<=33	Pass
		Edge_1RB_Right	20.20	/	/	23.07	/	/	<=33	Pass
		Outer_Full	20.20	/	/	23.07	/	/	<=33	Pass
		Inner_Full	21.69	/	/	24.56	/	/	<=33	Pass
		Inner_1RB_Left	21.83	/	/	24.70	/	/	<=33	Pass
		Inner_1RB_Right	21.63	/	/	24.50	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	19.66	/	/	22.53	/	/	<=33	Pass
		Edge_1RB_Right	19.85	/	/	22.72	/	/	<=33	Pass
		Outer_Full	19.59	/	/	22.46	/	/	<=33	Pass
		Inner_Full	21.11	/	/	23.98	/	/	<=33	Pass
		Inner_1RB_Left	21.01	/	/	23.88	/	/	<=33	Pass
		Inner_1RB_Right	21.33	/	/	24.20	/	/	<=33	Pass
	1912.5	Edge_1RB_Left	20.11	/	/	22.98	/	/	<=33	Pass
		Edge_1RB_Right	20.00	/	/	22.87	/	/	<=33	Pass
		Outer_Full	20.07	/	/	22.94	/	/	<=33	Pass
		Inner_Full	21.59	/	/	24.46	/	/	<=33	Pass
		Inner_1RB_Left	21.55	/	/	24.42	/	/	<=33	Pass
		Inner_1RB_Right	21.38	/	/	24.25	/	/	<=33	Pass

CP-OFDM 16 QAM	1852.5	Edge_1RB_Left	20.18	/	/	23.05	/	/	<=33	Pass
		Edge_1RB_Right	20.04	/	/	22.91	/	/	<=33	Pass
		Outer_Full	20.25	/	/	23.12	/	/	<=33	Pass
		Inner_Full	21.17	/	/	24.04	/	/	<=33	Pass
		Inner_1RB_Left	21.30	/	/	24.17	/	/	<=33	Pass
		Inner_1RB_Right	21.24	/	/	24.11	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	19.53	/	/	22.40	/	/	<=33	Pass
		Edge_1RB_Right	19.58	/	/	22.45	/	/	<=33	Pass
		Outer_Full	19.70	/	/	22.57	/	/	<=33	Pass
		Inner_Full	20.51	/	/	23.38	/	/	<=33	Pass
		Inner_1RB_Left	20.67	/	/	23.54	/	/	<=33	Pass
		Inner_1RB_Right	20.81	/	/	23.68	/	/	<=33	Pass
	1912.5	Edge_1RB_Left	20.05	/	/	22.92	/	/	<=33	Pass
		Edge_1RB_Right	19.92	/	/	22.79	/	/	<=33	Pass
		Outer_Full	20.19	/	/	23.06	/	/	<=33	Pass
		Inner_Full	21.16	/	/	24.03	/	/	<=33	Pass
		Inner_1RB_Left	21.28	/	/	24.15	/	/	<=33	Pass
		Inner_1RB_Right	21.15	/	/	24.02	/	/	<=33	Pass
CP-OFDM 64 QAM	1852.5	Edge_1RB_Left	19.74	/	/	22.61	/	/	<=33	Pass
		Edge_1RB_Right	19.61	/	/	22.48	/	/	<=33	Pass
		Outer_Full	19.74	/	/	22.61	/	/	<=33	Pass
		Inner_Full	19.80	/	/	22.67	/	/	<=33	Pass
		Inner_1RB_Left	19.78	/	/	22.65	/	/	<=33	Pass
		Inner_1RB_Right	19.73	/	/	22.60	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	19.14	/	/	22.01	/	/	<=33	Pass
		Edge_1RB_Right	19.26	/	/	22.13	/	/	<=33	Pass
		Outer_Full	19.11	/	/	21.98	/	/	<=33	Pass
		Inner_Full	19.18	/	/	22.05	/	/	<=33	Pass
		Inner_1RB_Left	19.12	/	/	21.99	/	/	<=33	Pass
		Inner_1RB_Right	19.37	/	/	22.24	/	/	<=33	Pass
	1912.5	Edge_1RB_Left	19.65	/	/	22.52	/	/	<=33	Pass
		Edge_1RB_Right	19.52	/	/	22.39	/	/	<=33	Pass
		Outer_Full	19.60	/	/	22.47	/	/	<=33	Pass
		Inner_Full	19.62	/	/	22.49	/	/	<=33	Pass
		Inner_1RB_Left	19.73	/	/	22.60	/	/	<=33	Pass
		Inner_1RB_Right	19.61	/	/	22.48	/	/	<=33	Pass
CP-OFDM 256 QAM	1852.5	Edge_1RB_Left	16.44	/	/	19.31	/	/	<=33	Pass
		Edge_1RB_Right	16.33	/	/	19.20	/	/	<=33	Pass
		Outer_Full	16.76	/	/	19.63	/	/	<=33	Pass
		Inner_Full	16.75	/	/	19.62	/	/	<=33	Pass
		Inner_1RB_Left	16.43	/	/	19.30	/	/	<=33	Pass
		Inner_1RB_Right	16.33	/	/	19.20	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	15.67	/	/	18.54	/	/	<=33	Pass
		Edge_1RB_Right	15.91	/	/	18.78	/	/	<=33	Pass
		Outer_Full	16.13	/	/	19.00	/	/	<=33	Pass
		Inner_Full	16.09	/	/	18.96	/	/	<=33	Pass
		Inner_1RB_Left	15.70	/	/	18.57	/	/	<=33	Pass
		Inner_1RB_Right	15.85	/	/	18.72	/	/	<=33	Pass
	1912.5	Edge_1RB_Left	16.34	/	/	19.21	/	/	<=33	Pass
		Edge_1RB_Right	16.17	/	/	19.04	/	/	<=33	Pass
		Outer_Full	16.68	/	/	19.55	/	/	<=33	Pass
		Inner_Full	16.56	/	/	19.43	/	/	<=33	Pass
		Inner_1RB_Left	16.35	/	/	19.22	/	/	<=33	Pass
		Inner_1RB_Right	16.23	/	/	19.10	/	/	<=33	Pass
Note1: Antenna Gain: Ant1: 2.87dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.2 15k_SISO_10MHz_NTNV_EIRP

5G NR n25 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	22.71	/	/	25.58	/	/	<=33	Pass
		Edge 1RB Right	22.41	/	/	25.28	/	/	<=33	Pass
		Outer Full	22.70	/	/	25.57	/	/	<=33	Pass
		Inner Full	23.23	/	/	26.10	/	/	<=33	Pass
		Inner 1RB Left	23.24	/	/	26.11	/	/	<=33	Pass
		Inner 1RB Right	23.01	/	/	25.88	/	/	<=33	Pass
	1882.5	Edge 1RB Left	21.98	/	/	24.85	/	/	<=33	Pass
		Edge 1RB Right	22.31	/	/	25.18	/	/	<=33	Pass
		Outer Full	22.12	/	/	24.99	/	/	<=33	Pass
		Inner Full	22.62	/	/	25.49	/	/	<=33	Pass
		Inner 1RB Left	22.52	/	/	25.39	/	/	<=33	Pass
		Inner 1RB Right	22.82	/	/	25.69	/	/	<=33	Pass
	1910	Edge 1RB Left	22.85	/	/	25.72	/	/	<=33	Pass
		Edge 1RB Right	22.61	/	/	25.48	/	/	<=33	Pass
		Outer Full	22.73	/	/	25.60	/	/	<=33	Pass
		Inner Full	23.25	/	/	26.12	/	/	<=33	Pass
		Inner 1RB Left	23.36	/	/	26.23	/	/	<=33	Pass
		Inner 1RB Right	23.13	/	/	26.00	/	/	<=33	Pass
DFT-s-OFDM QPSK	1855	Edge 1RB Left	22.18	/	/	25.05	/	/	<=33	Pass
		Edge 1RB Right	21.86	/	/	24.73	/	/	<=33	Pass
		Outer Full	22.19	/	/	25.06	/	/	<=33	Pass
		Inner Full	23.23	/	/	26.10	/	/	<=33	Pass
		Inner 1RB Left	23.19	/	/	26.06	/	/	<=33	Pass
		Inner 1RB Right	22.97	/	/	25.84	/	/	<=33	Pass
	1882.5	Edge 1RB Left	21.51	/	/	24.38	/	/	<=33	Pass
		Edge 1RB Right	21.85	/	/	24.72	/	/	<=33	Pass
		Outer Full	21.67	/	/	24.54	/	/	<=33	Pass
		Inner Full	22.68	/	/	25.55	/	/	<=33	Pass
		Inner 1RB Left	22.48	/	/	25.35	/	/	<=33	Pass
		Inner 1RB Right	22.80	/	/	25.67	/	/	<=33	Pass
	1910	Edge 1RB Left	22.43	/	/	25.30	/	/	<=33	Pass
		Edge 1RB Right	22.11	/	/	24.98	/	/	<=33	Pass
		Outer Full	22.30	/	/	25.17	/	/	<=33	Pass
		Inner Full	23.28	/	/	26.15	/	/	<=33	Pass
		Inner 1RB Left	23.41	/	/	26.28	/	/	<=33	Pass
		Inner 1RB Right	23.19	/	/	26.06	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	1855	Edge 1RB Left	21.30	/	/	24.17	/	/	<=33	Pass
		Edge 1RB Right	21.12	/	/	23.99	/	/	<=33	Pass
		Outer Full	21.19	/	/	24.06	/	/	<=33	Pass
		Inner Full	22.26	/	/	25.13	/	/	<=33	Pass
		Inner 1RB Left	22.14	/	/	25.01	/	/	<=33	Pass
		Inner 1RB Right	21.93	/	/	24.80	/	/	<=33	Pass
	1882.5	Edge 1RB Left	20.65	/	/	23.52	/	/	<=33	Pass
		Edge 1RB Right	20.96	/	/	23.83	/	/	<=33	Pass
		Outer Full	20.62	/	/	23.49	/	/	<=33	Pass
		Inner Full	21.65	/	/	24.52	/	/	<=33	Pass
		Inner 1RB Left	21.63	/	/	24.50	/	/	<=33	Pass
		Inner 1RB Right	21.96	/	/	24.83	/	/	<=33	Pass
	1910	Edge 1RB Left	21.41	/	/	24.28	/	/	<=33	Pass
		Edge 1RB Right	21.21	/	/	24.08	/	/	<=33	Pass
		Outer Full	21.25	/	/	24.12	/	/	<=33	Pass
		Inner Full	22.34	/	/	25.21	/	/	<=33	Pass
		Inner 1RB Left	22.40	/	/	25.27	/	/	<=33	Pass
		Inner 1RB Right	22.13	/	/	25.00	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	1855	Edge 1RB Left	20.92	/	/	23.79	/	/	<=33	Pass
		Edge 1RB Right	20.70	/	/	23.57	/	/	<=33	Pass

		Outer_Full	20.74	/	/	23.61	/	/	<=33	Pass
		Inner_Full	20.72	/	/	23.59	/	/	<=33	Pass
		Inner_1RB_Left	20.99	/	/	23.86	/	/	<=33	Pass
		Inner_1RB_Right	20.71	/	/	23.58	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	20.25	/	/	23.12	/	/	<=33	Pass
		Edge_1RB_Right	20.51	/	/	23.38	/	/	<=33	Pass
		Outer_Full	20.21	/	/	23.08	/	/	<=33	Pass
		Inner_Full	20.12	/	/	22.99	/	/	<=33	Pass
		Inner_1RB_Left	20.26	/	/	23.13	/	/	<=33	Pass
		Inner_1RB_Right	20.58	/	/	23.45	/	/	<=33	Pass
	1910	Edge_1RB_Left	21.00	/	/	23.87	/	/	<=33	Pass
		Edge_1RB_Right	20.83	/	/	23.70	/	/	<=33	Pass
		Outer_Full	20.66	/	/	23.53	/	/	<=33	Pass
		Inner_Full	20.71	/	/	23.58	/	/	<=33	Pass
		Inner_1RB_Left	21.06	/	/	23.93	/	/	<=33	Pass
		Inner_1RB_Right	20.77	/	/	23.64	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	1855	Edge_1RB_Left	18.20	/	/	21.07	/	/	<=33	Pass
		Edge_1RB_Right	17.90	/	/	20.77	/	/	<=33	Pass
		Outer_Full	18.63	/	/	21.50	/	/	<=33	Pass
		Inner_Full	18.63	/	/	21.50	/	/	<=33	Pass
		Inner_1RB_Left	18.14	/	/	21.01	/	/	<=33	Pass
		Inner_1RB_Right	17.90	/	/	20.77	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	17.49	/	/	20.36	/	/	<=33	Pass
		Edge_1RB_Right	18.26	/	/	21.13	/	/	<=33	Pass
		Outer_Full	18.16	/	/	21.03	/	/	<=33	Pass
		Inner_Full	18.10	/	/	20.97	/	/	<=33	Pass
		Inner_1RB_Left	17.52	/	/	20.39	/	/	<=33	Pass
		Inner_1RB_Right	17.88	/	/	20.75	/	/	<=33	Pass
	1910	Edge_1RB_Left	18.21	/	/	21.08	/	/	<=33	Pass
		Edge_1RB_Right	18.03	/	/	20.90	/	/	<=33	Pass
		Outer_Full	18.68	/	/	21.55	/	/	<=33	Pass
		Inner_Full	18.67	/	/	21.54	/	/	<=33	Pass
		Inner_1RB_Left	18.34	/	/	21.21	/	/	<=33	Pass
		Inner_1RB_Right	18.07	/	/	20.94	/	/	<=33	Pass
CP-OFDM QPSK	1855	Edge_1RB_Left	20.22	/	/	23.09	/	/	<=33	Pass
		Edge_1RB_Right	19.89	/	/	22.76	/	/	<=33	Pass
		Outer_Full	20.10	/	/	22.97	/	/	<=33	Pass
		Inner_Full	21.66	/	/	24.53	/	/	<=33	Pass
		Inner_1RB_Left	21.77	/	/	24.64	/	/	<=33	Pass
		Inner_1RB_Right	21.38	/	/	24.25	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	19.60	/	/	22.47	/	/	<=33	Pass
		Edge_1RB_Right	20.01	/	/	22.88	/	/	<=33	Pass
		Outer_Full	19.65	/	/	22.52	/	/	<=33	Pass
		Inner_Full	21.19	/	/	24.06	/	/	<=33	Pass
		Inner_1RB_Left	21.07	/	/	23.94	/	/	<=33	Pass
		Inner_1RB_Right	21.32	/	/	24.19	/	/	<=33	Pass
	1910	Edge_1RB_Left	20.42	/	/	23.29	/	/	<=33	Pass
		Edge_1RB_Right	20.12	/	/	22.99	/	/	<=33	Pass
		Outer_Full	20.29	/	/	23.16	/	/	<=33	Pass
		Inner_Full	21.72	/	/	24.59	/	/	<=33	Pass
		Inner_1RB_Left	21.78	/	/	24.65	/	/	<=33	Pass
		Inner_1RB_Right	21.58	/	/	24.45	/	/	<=33	Pass
CP-OFDM 16 QAM	1855	Edge_1RB_Left	20.34	/	/	23.21	/	/	<=33	Pass
		Edge_1RB_Right	19.96	/	/	22.83	/	/	<=33	Pass
		Outer_Full	20.18	/	/	23.05	/	/	<=33	Pass
		Inner_Full	21.20	/	/	24.07	/	/	<=33	Pass
		Inner_1RB_Left	21.23	/	/	24.10	/	/	<=33	Pass
		Inner_1RB_Right	20.89	/	/	23.76	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	19.53	/	/	22.40	/	/	<=33	Pass

		Edge_1RB_Right	20.00	/	/	22.87	/	/	<=33	Pass
		Outer_Full	19.75	/	/	22.62	/	/	<=33	Pass
		Inner_Full	20.74	/	/	23.61	/	/	<=33	Pass
		Inner_1RB_Left	20.50	/	/	23.37	/	/	<=33	Pass
		Inner_1RB_Right	20.93	/	/	23.80	/	/	<=33	Pass
	1910	Edge_1RB_Left	20.18	/	/	23.05	/	/	<=33	Pass
		Edge_1RB_Right	19.98	/	/	22.85	/	/	<=33	Pass
		Outer_Full	20.26	/	/	23.13	/	/	<=33	Pass
		Inner_Full	21.25	/	/	24.12	/	/	<=33	Pass
		Inner_1RB_Left	21.29	/	/	24.16	/	/	<=33	Pass
	Inner_1RB_Right	21.23	/	/	24.10	/	/	<=33	Pass	
CP-OFDM 64 QAM	1855	Edge_1RB_Left	19.79	/	/	22.66	/	/	<=33	Pass
		Edge_1RB_Right	19.44	/	/	22.31	/	/	<=33	Pass
		Outer_Full	19.71	/	/	22.58	/	/	<=33	Pass
		Inner_Full	19.72	/	/	22.59	/	/	<=33	Pass
		Inner_1RB_Left	19.77	/	/	22.64	/	/	<=33	Pass
		Inner_1RB_Right	19.42	/	/	22.29	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	19.11	/	/	21.98	/	/	<=33	Pass
		Edge_1RB_Right	19.49	/	/	22.36	/	/	<=33	Pass
		Outer_Full	19.21	/	/	22.08	/	/	<=33	Pass
		Inner_Full	19.21	/	/	22.08	/	/	<=33	Pass
		Inner_1RB_Left	19.13	/	/	22.00	/	/	<=33	Pass
		Inner_1RB_Right	19.42	/	/	22.29	/	/	<=33	Pass
	1910	Edge_1RB_Left	19.85	/	/	22.72	/	/	<=33	Pass
		Edge_1RB_Right	19.70	/	/	22.57	/	/	<=33	Pass
		Outer_Full	19.76	/	/	22.63	/	/	<=33	Pass
		Inner_Full	19.84	/	/	22.71	/	/	<=33	Pass
		Inner_1RB_Left	19.79	/	/	22.66	/	/	<=33	Pass
		Inner_1RB_Right	19.69	/	/	22.56	/	/	<=33	Pass
CP-OFDM 256 QAM	1855	Edge_1RB_Left	16.36	/	/	19.23	/	/	<=33	Pass
		Edge_1RB_Right	15.99	/	/	18.86	/	/	<=33	Pass
		Outer_Full	16.60	/	/	19.47	/	/	<=33	Pass
		Inner_Full	16.70	/	/	19.57	/	/	<=33	Pass
		Inner_1RB_Left	16.45	/	/	19.32	/	/	<=33	Pass
		Inner_1RB_Right	16.10	/	/	18.97	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	15.66	/	/	18.53	/	/	<=33	Pass
		Edge_1RB_Right	16.04	/	/	18.91	/	/	<=33	Pass
		Outer_Full	16.13	/	/	19.00	/	/	<=33	Pass
		Inner_Full	16.18	/	/	19.05	/	/	<=33	Pass
		Inner_1RB_Left	15.65	/	/	18.52	/	/	<=33	Pass
		Inner_1RB_Right	16.14	/	/	19.01	/	/	<=33	Pass
	1910	Edge_1RB_Left	16.43	/	/	19.30	/	/	<=33	Pass
		Edge_1RB_Right	16.24	/	/	19.11	/	/	<=33	Pass
		Outer_Full	16.61	/	/	19.48	/	/	<=33	Pass
Inner_Full		16.71	/	/	19.58	/	/	<=33	Pass	
Inner_1RB_Left		16.26	/	/	19.13	/	/	<=33	Pass	
	Inner_1RB_Right	16.29	/	/	19.16	/	/	<=33	Pass	
Note1: Antenna Gain: Ant1: 2.87dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.3 15k_SISO_15MHz_NTNV_EIRP

5G NR n25 SCS=15kHz SISO 15MHz NTN										
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	22.86	/	/	25.73	/	/	<=33	Pass
		Edge_1RB_Right	22.24	/	/	25.11	/	/	<=33	Pass
		Outer_Full	22.61	/	/	25.48	/	/	<=33	Pass

		Inner_Full	23.10	/	/	25.97	/	/	<=33	Pass
		Inner_1RB_Left	23.26	/	/	26.13	/	/	<=33	Pass
		Inner_1RB_Right	22.77	/	/	25.64	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	21.99	/	/	24.86	/	/	<=33	Pass
		Edge_1RB_Right	22.46	/	/	25.33	/	/	<=33	Pass
		Outer_Full	22.19	/	/	25.06	/	/	<=33	Pass
		Inner_Full	22.68	/	/	25.55	/	/	<=33	Pass
		Inner_1RB_Left	22.55	/	/	25.42	/	/	<=33	Pass
		Inner_1RB_Right	22.88	/	/	25.75	/	/	<=33	Pass
	1907.5	Edge_1RB_Left	22.76	/	/	25.63	/	/	<=33	Pass
		Edge_1RB_Right	22.54	/	/	25.41	/	/	<=33	Pass
		Outer_Full	22.60	/	/	25.47	/	/	<=33	Pass
		Inner_Full	23.12	/	/	25.99	/	/	<=33	Pass
		Inner_1RB_Left	23.26	/	/	26.13	/	/	<=33	Pass
		Inner_1RB_Right	22.96	/	/	25.83	/	/	<=33	Pass
DFT-s-OFDM QPSK	1857.5	Edge_1RB_Left	22.31	/	/	25.18	/	/	<=33	Pass
		Edge_1RB_Right	21.82	/	/	24.69	/	/	<=33	Pass
		Outer_Full	22.12	/	/	24.99	/	/	<=33	Pass
		Inner_Full	23.07	/	/	25.94	/	/	<=33	Pass
		Inner_1RB_Left	23.30	/	/	26.17	/	/	<=33	Pass
		Inner_1RB_Right	22.80	/	/	25.67	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	21.58	/	/	24.45	/	/	<=33	Pass
		Edge_1RB_Right	21.95	/	/	24.82	/	/	<=33	Pass
		Outer_Full	21.68	/	/	24.55	/	/	<=33	Pass
		Inner_Full	22.69	/	/	25.56	/	/	<=33	Pass
		Inner_1RB_Left	22.47	/	/	25.34	/	/	<=33	Pass
		Inner_1RB_Right	22.90	/	/	25.77	/	/	<=33	Pass
	1907.5	Edge_1RB_Left	22.21	/	/	25.08	/	/	<=33	Pass
		Edge_1RB_Right	22.04	/	/	24.91	/	/	<=33	Pass
		Outer_Full	22.16	/	/	25.03	/	/	<=33	Pass
		Inner_Full	23.12	/	/	25.99	/	/	<=33	Pass
		Inner_1RB_Left	23.19	/	/	26.06	/	/	<=33	Pass
		Inner_1RB_Right	23.07	/	/	25.94	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	1857.5	Edge_1RB_Left	21.42	/	/	24.29	/	/	<=33	Pass
		Edge_1RB_Right	20.83	/	/	23.70	/	/	<=33	Pass
		Outer_Full	21.14	/	/	24.01	/	/	<=33	Pass
		Inner_Full	22.20	/	/	25.07	/	/	<=33	Pass
		Inner_1RB_Left	22.40	/	/	25.27	/	/	<=33	Pass
		Inner_1RB_Right	21.80	/	/	24.67	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	20.55	/	/	23.42	/	/	<=33	Pass
		Edge_1RB_Right	21.05	/	/	23.92	/	/	<=33	Pass
		Outer_Full	20.78	/	/	23.65	/	/	<=33	Pass
		Inner_Full	21.69	/	/	24.56	/	/	<=33	Pass
		Inner_1RB_Left	21.58	/	/	24.45	/	/	<=33	Pass
		Inner_1RB_Right	21.96	/	/	24.83	/	/	<=33	Pass
	1907.5	Edge_1RB_Left	21.56	/	/	24.43	/	/	<=33	Pass
		Edge_1RB_Right	20.95	/	/	23.82	/	/	<=33	Pass
		Outer_Full	21.12	/	/	23.99	/	/	<=33	Pass
		Inner_Full	22.15	/	/	25.02	/	/	<=33	Pass
		Inner_1RB_Left	22.35	/	/	25.22	/	/	<=33	Pass
		Inner_1RB_Right	21.95	/	/	24.82	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	1857.5	Edge_1RB_Left	21.02	/	/	23.89	/	/	<=33	Pass
		Edge_1RB_Right	20.49	/	/	23.36	/	/	<=33	Pass
		Outer_Full	20.59	/	/	23.46	/	/	<=33	Pass
		Inner_Full	20.64	/	/	23.51	/	/	<=33	Pass
		Inner_1RB_Left	20.99	/	/	23.86	/	/	<=33	Pass
		Inner_1RB_Right	20.63	/	/	23.50	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	20.23	/	/	23.10	/	/	<=33	Pass
		Edge_1RB_Right	20.75	/	/	23.62	/	/	<=33	Pass

		Outer_Full	20.23	/	/	23.10	/	/	<=33	Pass
		Inner_Full	20.19	/	/	23.06	/	/	<=33	Pass
		Inner_1RB_Left	20.33	/	/	23.20	/	/	<=33	Pass
		Inner_1RB_Right	20.70	/	/	23.57	/	/	<=33	Pass
	1907.5	Edge_1RB_Left	21.20	/	/	24.07	/	/	<=33	Pass
		Edge_1RB_Right	20.66	/	/	23.53	/	/	<=33	Pass
		Outer_Full	20.66	/	/	23.53	/	/	<=33	Pass
		Inner_Full	20.69	/	/	23.56	/	/	<=33	Pass
		Inner_1RB_Left	20.94	/	/	23.81	/	/	<=33	Pass
		Inner_1RB_Right	20.65	/	/	23.52	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	1857.5	Edge_1RB_Left	18.33	/	/	21.20	/	/	<=33	Pass
		Edge_1RB_Right	17.77	/	/	20.64	/	/	<=33	Pass
		Outer_Full	18.59	/	/	21.46	/	/	<=33	Pass
		Inner_Full	18.52	/	/	21.39	/	/	<=33	Pass
		Inner_1RB_Left	18.21	/	/	21.08	/	/	<=33	Pass
		Inner_1RB_Right	17.72	/	/	20.59	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	17.47	/	/	20.34	/	/	<=33	Pass
		Edge_1RB_Right	17.86	/	/	20.73	/	/	<=33	Pass
		Outer_Full	18.23	/	/	21.10	/	/	<=33	Pass
		Inner_Full	18.04	/	/	20.91	/	/	<=33	Pass
		Inner_1RB_Left	17.44	/	/	20.31	/	/	<=33	Pass
		Inner_1RB_Right	17.95	/	/	20.82	/	/	<=33	Pass
	1907.5	Edge_1RB_Left	18.20	/	/	21.07	/	/	<=33	Pass
		Edge_1RB_Right	17.92	/	/	20.79	/	/	<=33	Pass
		Outer_Full	18.54	/	/	21.41	/	/	<=33	Pass
		Inner_Full	18.58	/	/	21.45	/	/	<=33	Pass
		Inner_1RB_Left	18.13	/	/	21.00	/	/	<=33	Pass
		Inner_1RB_Right	17.85	/	/	20.72	/	/	<=33	Pass
CP-OFDM QPSK	1857.5	Edge_1RB_Left	20.33	/	/	23.20	/	/	<=33	Pass
		Edge_1RB_Right	19.85	/	/	22.72	/	/	<=33	Pass
		Outer_Full	20.10	/	/	22.97	/	/	<=33	Pass
		Inner_Full	21.62	/	/	24.49	/	/	<=33	Pass
		Inner_1RB_Left	21.81	/	/	24.68	/	/	<=33	Pass
		Inner_1RB_Right	21.27	/	/	24.14	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	19.44	/	/	22.31	/	/	<=33	Pass
		Edge_1RB_Right	19.88	/	/	22.75	/	/	<=33	Pass
		Outer_Full	19.72	/	/	22.59	/	/	<=33	Pass
		Inner_Full	21.11	/	/	23.98	/	/	<=33	Pass
		Inner_1RB_Left	20.99	/	/	23.86	/	/	<=33	Pass
		Inner_1RB_Right	21.47	/	/	24.34	/	/	<=33	Pass
	1907.5	Edge_1RB_Left	20.24	/	/	23.11	/	/	<=33	Pass
		Edge_1RB_Right	20.00	/	/	22.87	/	/	<=33	Pass
		Outer_Full	20.19	/	/	23.06	/	/	<=33	Pass
		Inner_Full	21.60	/	/	24.47	/	/	<=33	Pass
		Inner_1RB_Left	21.68	/	/	24.55	/	/	<=33	Pass
		Inner_1RB_Right	21.41	/	/	24.28	/	/	<=33	Pass
CP-OFDM 16 QAM	1857.5	Edge_1RB_Left	20.21	/	/	23.08	/	/	<=33	Pass
		Edge_1RB_Right	19.82	/	/	22.69	/	/	<=33	Pass
		Outer_Full	20.15	/	/	23.02	/	/	<=33	Pass
		Inner_Full	21.20	/	/	24.07	/	/	<=33	Pass
		Inner_1RB_Left	21.23	/	/	24.10	/	/	<=33	Pass
		Inner_1RB_Right	20.88	/	/	23.75	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	19.46	/	/	22.33	/	/	<=33	Pass
		Edge_1RB_Right	19.73	/	/	22.60	/	/	<=33	Pass
		Outer_Full	19.71	/	/	22.58	/	/	<=33	Pass
		Inner_Full	20.77	/	/	23.64	/	/	<=33	Pass
		Inner_1RB_Left	20.45	/	/	23.32	/	/	<=33	Pass
		Inner_1RB_Right	20.97	/	/	23.84	/	/	<=33	Pass
	1907.5	Edge_1RB_Left	20.18	/	/	23.05	/	/	<=33	Pass

		Edge 1RB Right	20.03	/	/	22.90	/	/	<=33	Pass	
		Outer Full	20.19	/	/	23.06	/	/	<=33	Pass	
		Inner Full	21.26	/	/	24.13	/	/	<=33	Pass	
		Inner 1RB Left	21.16	/	/	24.03	/	/	<=33	Pass	
		Inner 1RB Right	21.09	/	/	23.96	/	/	<=33	Pass	
CP-OFDM 64 QAM	1857.5	Edge 1RB Left	19.80	/	/	22.67	/	/	<=33	Pass	
		Edge 1RB Right	19.28	/	/	22.15	/	/	<=33	Pass	
		Outer Full	19.60	/	/	22.47	/	/	<=33	Pass	
		Inner Full	19.64	/	/	22.51	/	/	<=33	Pass	
		Inner 1RB Left	19.78	/	/	22.65	/	/	<=33	Pass	
		Inner 1RB Right	19.38	/	/	22.25	/	/	<=33	Pass	
		Edge 1RB Left	19.06	/	/	21.93	/	/	<=33	Pass	
		Edge 1RB Right	19.41	/	/	22.28	/	/	<=33	Pass	
	1882.5	Outer Full	19.22	/	/	22.09	/	/	<=33	Pass	
		Inner Full	19.19	/	/	22.06	/	/	<=33	Pass	
		Inner 1RB Left	19.08	/	/	21.95	/	/	<=33	Pass	
		Inner 1RB Right	19.44	/	/	22.31	/	/	<=33	Pass	
		1907.5	Edge 1RB Left	19.85	/	/	22.72	/	/	<=33	Pass
			Edge 1RB Right	19.65	/	/	22.52	/	/	<=33	Pass
			Outer Full	19.68	/	/	22.55	/	/	<=33	Pass
			Inner Full	19.68	/	/	22.55	/	/	<=33	Pass
	Inner 1RB Left		19.76	/	/	22.63	/	/	<=33	Pass	
	Inner 1RB Right		19.51	/	/	22.38	/	/	<=33	Pass	
	CP-OFDM 256 QAM	1857.5	Edge 1RB Left	16.40	/	/	19.27	/	/	<=33	Pass
			Edge 1RB Right	15.86	/	/	18.73	/	/	<=33	Pass
Outer Full			16.50	/	/	19.37	/	/	<=33	Pass	
Inner Full			16.58	/	/	19.45	/	/	<=33	Pass	
Inner 1RB Left			16.36	/	/	19.23	/	/	<=33	Pass	
Inner 1RB Right			15.92	/	/	18.79	/	/	<=33	Pass	
1882.5		Edge 1RB Left	15.65	/	/	18.52	/	/	<=33	Pass	
		Edge 1RB Right	16.03	/	/	18.90	/	/	<=33	Pass	
		Outer Full	16.16	/	/	19.03	/	/	<=33	Pass	
		Inner Full	16.14	/	/	19.01	/	/	<=33	Pass	
		Inner 1RB Left	15.56	/	/	18.43	/	/	<=33	Pass	
		Inner 1RB Right	16.08	/	/	18.95	/	/	<=33	Pass	
1907.5		Edge 1RB Left	16.43	/	/	19.30	/	/	<=33	Pass	
		Edge 1RB Right	16.14	/	/	19.01	/	/	<=33	Pass	
		Outer Full	16.56	/	/	19.43	/	/	<=33	Pass	
		Inner Full	16.57	/	/	19.44	/	/	<=33	Pass	
		Inner 1RB Left	16.36	/	/	19.23	/	/	<=33	Pass	
		Inner 1RB Right	16.18	/	/	19.05	/	/	<=33	Pass	
Note1: Antenna Gain: Ant1: 2.87dBi; Note2: EIRP=Conducted Power+Antenna Gain											

1.1.4 15k_SISO_20MHz_NTNV_EIRP

		Inner_Full	22.67	/	/	25.54	/	/	<=33	Pass
		Inner_1RB_Left	22.55	/	/	25.42	/	/	<=33	Pass
		Inner_1RB_Right	22.98	/	/	25.85	/	/	<=33	Pass
	1905	Edge_1RB_Left	22.60	/	/	25.47	/	/	<=33	Pass
		Edge_1RB_Right	22.52	/	/	25.39	/	/	<=33	Pass
		Outer_Full	22.68	/	/	25.55	/	/	<=33	Pass
		Inner_Full	23.22	/	/	26.09	/	/	<=33	Pass
		Inner_1RB_Left	23.11	/	/	25.98	/	/	<=33	Pass
		Inner_1RB_Right	22.86	/	/	25.73	/	/	<=33	Pass
DFT-s-OFDM QPSK	1860	Edge_1RB_Left	22.11	/	/	24.98	/	/	<=33	Pass
		Edge_1RB_Right	21.59	/	/	24.46	/	/	<=33	Pass
		Outer_Full	21.93	/	/	24.80	/	/	<=33	Pass
		Inner_Full	23.00	/	/	25.87	/	/	<=33	Pass
		Inner_1RB_Left	23.23	/	/	26.10	/	/	<=33	Pass
		Inner_1RB_Right	22.61	/	/	25.48	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	21.54	/	/	24.41	/	/	<=33	Pass
		Edge_1RB_Right	21.85	/	/	24.72	/	/	<=33	Pass
		Outer_Full	21.77	/	/	24.64	/	/	<=33	Pass
		Inner_Full	22.73	/	/	25.60	/	/	<=33	Pass
		Inner_1RB_Left	22.54	/	/	25.41	/	/	<=33	Pass
		Inner_1RB_Right	23.03	/	/	25.90	/	/	<=33	Pass
	1905	Edge_1RB_Left	22.04	/	/	24.91	/	/	<=33	Pass
		Edge_1RB_Right	22.01	/	/	24.88	/	/	<=33	Pass
		Outer_Full	22.18	/	/	25.05	/	/	<=33	Pass
		Inner_Full	23.27	/	/	26.14	/	/	<=33	Pass
		Inner_1RB_Left	23.15	/	/	26.02	/	/	<=33	Pass
		Inner_1RB_Right	23.02	/	/	25.89	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	1860	Edge_1RB_Left	21.31	/	/	24.18	/	/	<=33	Pass
		Edge_1RB_Right	20.62	/	/	23.49	/	/	<=33	Pass
		Outer_Full	20.94	/	/	23.81	/	/	<=33	Pass
		Inner_Full	21.97	/	/	24.84	/	/	<=33	Pass
		Inner_1RB_Left	22.24	/	/	25.11	/	/	<=33	Pass
		Inner_1RB_Right	21.64	/	/	24.51	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	20.70	/	/	23.57	/	/	<=33	Pass
		Edge_1RB_Right	21.06	/	/	23.93	/	/	<=33	Pass
		Outer_Full	20.66	/	/	23.53	/	/	<=33	Pass
		Inner_Full	21.67	/	/	24.54	/	/	<=33	Pass
		Inner_1RB_Left	21.42	/	/	24.29	/	/	<=33	Pass
		Inner_1RB_Right	22.05	/	/	24.92	/	/	<=33	Pass
	1905	Edge_1RB_Left	21.24	/	/	24.11	/	/	<=33	Pass
		Edge_1RB_Right	20.98	/	/	23.85	/	/	<=33	Pass
		Outer_Full	21.21	/	/	24.08	/	/	<=33	Pass
		Inner_Full	22.26	/	/	25.13	/	/	<=33	Pass
		Inner_1RB_Left	22.14	/	/	25.01	/	/	<=33	Pass
		Inner_1RB_Right	21.89	/	/	24.76	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	1860	Edge_1RB_Left	20.89	/	/	23.76	/	/	<=33	Pass
		Edge_1RB_Right	20.27	/	/	23.14	/	/	<=33	Pass
		Outer_Full	20.41	/	/	23.28	/	/	<=33	Pass
		Inner_Full	20.46	/	/	23.33	/	/	<=33	Pass
		Inner_1RB_Left	21.10	/	/	23.97	/	/	<=33	Pass
		Inner_1RB_Right	20.24	/	/	23.11	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	20.18	/	/	23.05	/	/	<=33	Pass
		Edge_1RB_Right	20.46	/	/	23.33	/	/	<=33	Pass
		Outer_Full	20.28	/	/	23.15	/	/	<=33	Pass
		Inner_Full	20.15	/	/	23.02	/	/	<=33	Pass
		Inner_1RB_Left	20.03	/	/	22.90	/	/	<=33	Pass
		Inner_1RB_Right	20.52	/	/	23.39	/	/	<=33	Pass
	1905	Edge_1RB_Left	20.92	/	/	23.79	/	/	<=33	Pass
		Edge_1RB_Right	20.64	/	/	23.51	/	/	<=33	Pass

		Outer_Full	20.77	/	/	23.64	/	/	<=33	Pass
		Inner_Full	20.76	/	/	23.63	/	/	<=33	Pass
		Inner_1RB_Left	20.84	/	/	23.71	/	/	<=33	Pass
		Inner_1RB_Right	20.58	/	/	23.45	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	1860	Edge_1RB_Left	18.63	/	/	21.50	/	/	<=33	Pass
		Edge_1RB_Right	17.59	/	/	20.46	/	/	<=33	Pass
		Outer_Full	18.44	/	/	21.31	/	/	<=33	Pass
		Inner_Full	18.39	/	/	21.26	/	/	<=33	Pass
		Inner_1RB_Left	18.18	/	/	21.05	/	/	<=33	Pass
		Inner_1RB_Right	17.60	/	/	20.47	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	17.59	/	/	20.46	/	/	<=33	Pass
		Edge_1RB_Right	17.99	/	/	20.86	/	/	<=33	Pass
		Outer_Full	18.26	/	/	21.13	/	/	<=33	Pass
		Inner_Full	18.09	/	/	20.96	/	/	<=33	Pass
		Inner_1RB_Left	17.56	/	/	20.43	/	/	<=33	Pass
		Inner_1RB_Right	17.97	/	/	20.84	/	/	<=33	Pass
	1905	Edge_1RB_Left	18.19	/	/	21.06	/	/	<=33	Pass
		Edge_1RB_Right	17.97	/	/	20.84	/	/	<=33	Pass
		Outer_Full	18.73	/	/	21.60	/	/	<=33	Pass
		Inner_Full	18.67	/	/	21.54	/	/	<=33	Pass
		Inner_1RB_Left	18.14	/	/	21.01	/	/	<=33	Pass
		Inner_1RB_Right	17.96	/	/	20.83	/	/	<=33	Pass
CP-OFDM QPSK	1860	Edge_1RB_Left	20.18	/	/	23.05	/	/	<=33	Pass
		Edge_1RB_Right	19.55	/	/	22.42	/	/	<=33	Pass
		Outer_Full	19.93	/	/	22.80	/	/	<=33	Pass
		Inner_Full	21.46	/	/	24.33	/	/	<=33	Pass
		Inner_1RB_Left	21.66	/	/	24.53	/	/	<=33	Pass
		Inner_1RB_Right	21.10	/	/	23.97	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	19.52	/	/	22.39	/	/	<=33	Pass
		Edge_1RB_Right	19.94	/	/	22.81	/	/	<=33	Pass
		Outer_Full	19.80	/	/	22.67	/	/	<=33	Pass
		Inner_Full	21.21	/	/	24.08	/	/	<=33	Pass
		Inner_1RB_Left	21.00	/	/	23.87	/	/	<=33	Pass
		Inner_1RB_Right	21.50	/	/	24.37	/	/	<=33	Pass
	1905	Edge_1RB_Left	20.12	/	/	22.99	/	/	<=33	Pass
		Edge_1RB_Right	20.02	/	/	22.89	/	/	<=33	Pass
		Outer_Full	20.28	/	/	23.15	/	/	<=33	Pass
		Inner_Full	21.70	/	/	24.57	/	/	<=33	Pass
		Inner_1RB_Left	21.54	/	/	24.41	/	/	<=33	Pass
		Inner_1RB_Right	21.40	/	/	24.27	/	/	<=33	Pass
CP-OFDM 16 QAM	1860	Edge_1RB_Left	20.18	/	/	23.05	/	/	<=33	Pass
		Edge_1RB_Right	19.50	/	/	22.37	/	/	<=33	Pass
		Outer_Full	19.87	/	/	22.74	/	/	<=33	Pass
		Inner_Full	20.97	/	/	23.84	/	/	<=33	Pass
		Inner_1RB_Left	21.21	/	/	24.08	/	/	<=33	Pass
		Inner_1RB_Right	20.59	/	/	23.46	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	19.50	/	/	22.37	/	/	<=33	Pass
		Edge_1RB_Right	19.91	/	/	22.78	/	/	<=33	Pass
		Outer_Full	19.71	/	/	22.58	/	/	<=33	Pass
		Inner_Full	20.67	/	/	23.54	/	/	<=33	Pass
		Inner_1RB_Left	20.44	/	/	23.31	/	/	<=33	Pass
		Inner_1RB_Right	21.01	/	/	23.88	/	/	<=33	Pass
	1905	Edge_1RB_Left	20.11	/	/	22.98	/	/	<=33	Pass
		Edge_1RB_Right	19.91	/	/	22.78	/	/	<=33	Pass
		Outer_Full	20.16	/	/	23.03	/	/	<=33	Pass
		Inner_Full	21.26	/	/	24.13	/	/	<=33	Pass
		Inner_1RB_Left	21.14	/	/	24.01	/	/	<=33	Pass
		Inner_1RB_Right	21.09	/	/	23.96	/	/	<=33	Pass
CP-OFDM 64 QAM	1860	Edge_1RB_Left	19.74	/	/	22.61	/	/	<=33	Pass

		Edge_1RB_Right	19.06	/	/	21.93	/	/	<=33	Pass
		Outer_Full	19.38	/	/	22.25	/	/	<=33	Pass
		Inner_Full	19.51	/	/	22.38	/	/	<=33	Pass
		Inner_1RB_Left	19.67	/	/	22.54	/	/	<=33	Pass
		Inner_1RB_Right	19.10	/	/	21.97	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	19.01	/	/	21.88	/	/	<=33	Pass
		Edge_1RB_Right	19.45	/	/	22.32	/	/	<=33	Pass
		Outer_Full	19.23	/	/	22.10	/	/	<=33	Pass
		Inner_Full	19.27	/	/	22.14	/	/	<=33	Pass
		Inner_1RB_Left	19.04	/	/	21.91	/	/	<=33	Pass
	1905	Inner_1RB_Right	19.51	/	/	22.38	/	/	<=33	Pass
		Edge_1RB_Left	19.73	/	/	22.60	/	/	<=33	Pass
		Edge_1RB_Right	19.45	/	/	22.32	/	/	<=33	Pass
		Outer_Full	19.75	/	/	22.62	/	/	<=33	Pass
		Inner_Full	19.81	/	/	22.68	/	/	<=33	Pass
CP-OFDM 256 QAM		Inner_1RB_Left	19.69	/	/	22.56	/	/	<=33	Pass
		Inner_1RB_Right	19.42	/	/	22.29	/	/	<=33	Pass
		Edge_1RB_Left	16.35	/	/	19.22	/	/	<=33	Pass
		Edge_1RB_Right	15.65	/	/	18.52	/	/	<=33	Pass
		Outer_Full	16.42	/	/	19.29	/	/	<=33	Pass
	1860	Inner_Full	16.43	/	/	19.30	/	/	<=33	Pass
		Inner_1RB_Left	16.31	/	/	19.18	/	/	<=33	Pass
		Inner_1RB_Right	15.74	/	/	18.61	/	/	<=33	Pass
		Edge_1RB_Left	15.65	/	/	18.52	/	/	<=33	Pass
		Edge_1RB_Right	16.14	/	/	19.01	/	/	<=33	Pass
	1882.5	Outer_Full	16.20	/	/	19.07	/	/	<=33	Pass
		Inner_Full	16.16	/	/	19.03	/	/	<=33	Pass
		Inner_1RB_Left	15.66	/	/	18.53	/	/	<=33	Pass
		Inner_1RB_Right	16.13	/	/	19.00	/	/	<=33	Pass
		Edge_1RB_Left	16.36	/	/	19.23	/	/	<=33	Pass
1905	Edge_1RB_Right	16.10	/	/	18.97	/	/	<=33	Pass	
	Outer_Full	16.78	/	/	19.65	/	/	<=33	Pass	
	Inner_Full	16.74	/	/	19.61	/	/	<=33	Pass	
	Inner_1RB_Left	16.31	/	/	19.18	/	/	<=33	Pass	
	Inner_1RB_Right	16.04	/	/	18.91	/	/	<=33	Pass	
Note1: Antenna Gain: Ant1: 2.87dBi;										
Note2: EIRP=Conducted Power+Antenna Gain										

2. Frequency Stability

2.1 Test Result

2.1.1 15k_SISO_5MHz

5G NR n25 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	1882.5	Outer_Full	20	LV	-2.00	-0.0011	>=-2.5 & <=2.5	Pass
				HV	2.50	0.0013	>=-2.5 & <=2.5	Pass
			-30	NV	-2.70	-0.0014	>=-2.5 & <=2.5	Pass
			-20	NV	-1.90	-0.0010	>=-2.5 & <=2.5	Pass
			-10	NV	1.60	0.0008	>=-2.5 & <=2.5	Pass
			0	NV	1.80	0.0010	>=-2.5 & <=2.5	Pass
			10	NV	4.10	0.0022	>=-2.5 & <=2.5	Pass
			20	NV	-2.30	-0.0012	>=-2.5 & <=2.5	Pass
			30	NV	-3.10	-0.0016	>=-2.5 & <=2.5	Pass

			40	NV	0.90	0.0005	>=-2.5 & <=2.5	Pass
			50	NV	-1.90	-0.0010	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	1882.5	Outer_Full	20	LV	2.60	0.0014	>=-2.5 & <=2.5	Pass
				HV	1.70	0.0009	>=-2.5 & <=2.5	Pass
			-30	NV	-4.40	-0.0023	>=-2.5 & <=2.5	Pass
			-20	NV	-1.70	-0.0009	>=-2.5 & <=2.5	Pass
			-10	NV	3.10	0.0016	>=-2.5 & <=2.5	Pass
			0	NV	-1.40	-0.0007	>=-2.5 & <=2.5	Pass
			10	NV	-4.10	-0.0022	>=-2.5 & <=2.5	Pass
			20	NV	-5.40	-0.0029	>=-2.5 & <=2.5	Pass
			30	NV	-2.60	-0.0014	>=-2.5 & <=2.5	Pass
			40	NV	3.00	0.0016	>=-2.5 & <=2.5	Pass
			50	NV	2.80	0.0015	>=-2.5 & <=2.5	Pass
			DFT-s-OFDM 16 QAM	1882.5	Outer_Full	20	LV	-4.50
HV	-1.10	-0.0006					>=-2.5 & <=2.5	Pass
-30	NV	1.50				0.0008	>=-2.5 & <=2.5	Pass
-20	NV	1.90				0.0010	>=-2.5 & <=2.5	Pass
-10	NV	-2.00				-0.0011	>=-2.5 & <=2.5	Pass
0	NV	-4.50				-0.0024	>=-2.5 & <=2.5	Pass
10	NV	-1.60				-0.0008	>=-2.5 & <=2.5	Pass
20	NV	2.70				0.0014	>=-2.5 & <=2.5	Pass
30	NV	-2.10				-0.0011	>=-2.5 & <=2.5	Pass
40	NV	-1.20				-0.0006	>=-2.5 & <=2.5	Pass
50	NV	2.10				0.0011	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	1882.5	Outer_Full				20	LV	4.50
			HV	-4.30	-0.0023		>=-2.5 & <=2.5	Pass
			-30	NV	-3.50	-0.0019	>=-2.5 & <=2.5	Pass
			-20	NV	-2.80	-0.0015	>=-2.5 & <=2.5	Pass
			-10	NV	2.40	0.0013	>=-2.5 & <=2.5	Pass
			0	NV	-3.70	-0.0020	>=-2.5 & <=2.5	Pass
			10	NV	2.80	0.0015	>=-2.5 & <=2.5	Pass
			20	NV	1.90	0.0010	>=-2.5 & <=2.5	Pass
			30	NV	-1.90	-0.0010	>=-2.5 & <=2.5	Pass
			40	NV	1.50	0.0008	>=-2.5 & <=2.5	Pass
			50	NV	-1.60	-0.0008	>=-2.5 & <=2.5	Pass
			DFT-s-OFDM 256 QAM	1882.5	Outer_Full	20	LV	-0.30
HV	-1.70	-0.0009					>=-2.5 & <=2.5	Pass
-30	NV	-3.50				-0.0019	>=-2.5 & <=2.5	Pass
-20	NV	2.20				0.0012	>=-2.5 & <=2.5	Pass
-10	NV	-0.30				-0.0002	>=-2.5 & <=2.5	Pass
0	NV	-1.50				-0.0008	>=-2.5 & <=2.5	Pass
10	NV	1.20				0.0006	>=-2.5 & <=2.5	Pass
20	NV	2.80				0.0015	>=-2.5 & <=2.5	Pass
30	NV	2.00				0.0011	>=-2.5 & <=2.5	Pass
40	NV	5.80				0.0031	>=-2.5 & <=2.5	Pass
50	NV	-3.70				-0.0020	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	1882.5	Outer_Full				20	LV	-1.20
			HV	-2.20	-0.0012		>=-2.5 & <=2.5	Pass
			-30	NV	-4.30	-0.0023	>=-2.5 & <=2.5	Pass
			-20	NV	-5.30	-0.0028	>=-2.5 & <=2.5	Pass
			-10	NV	-4.90	-0.0026	>=-2.5 & <=2.5	Pass
			0	NV	3.60	0.0019	>=-2.5 & <=2.5	Pass
			10	NV	-6.70	-0.0036	>=-2.5 & <=2.5	Pass
			20	NV	-1.70	-0.0009	>=-2.5 & <=2.5	Pass
			30	NV	-0.90	-0.0005	>=-2.5 & <=2.5	Pass
			40	NV	-5.30	-0.0028	>=-2.5 & <=2.5	Pass
			50	NV	2.10	0.0011	>=-2.5 & <=2.5	Pass
			CP-OFDM 16 QAM	1882.5	Outer_Full	20	LV	-1.10
HV	-1.50	-0.0008					>=-2.5 & <=2.5	Pass

			-30	NV	1.20	0.0006	>=-2.5 & <=2.5	Pass
			-20	NV	-2.90	-0.0015	>=-2.5 & <=2.5	Pass
			-10	NV	5.60	0.0030	>=-2.5 & <=2.5	Pass
			0	NV	3.80	0.0020	>=-2.5 & <=2.5	Pass
			10	NV	1.30	0.0007	>=-2.5 & <=2.5	Pass
			20	NV	-6.60	-0.0035	>=-2.5 & <=2.5	Pass
			30	NV	-0.40	-0.0002	>=-2.5 & <=2.5	Pass
			40	NV	-3.10	-0.0016	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	1882.5	Outer_Full	50	NV	-2.40	-0.0013	>=-2.5 & <=2.5	Pass
			20	LV	-2.90	-0.0015	>=-2.5 & <=2.5	Pass
				HV	-3.80	-0.0020	>=-2.5 & <=2.5	Pass
			-30	NV	-4.70	-0.0025	>=-2.5 & <=2.5	Pass
			-20	NV	1.10	0.0006	>=-2.5 & <=2.5	Pass
			-10	NV	1.10	0.0006	>=-2.5 & <=2.5	Pass
			0	NV	-1.10	-0.0006	>=-2.5 & <=2.5	Pass
			10	NV	-3.20	-0.0017	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	1882.5	Outer_Full	20	NV	-1.50	-0.0008	>=-2.5 & <=2.5	Pass
			30	NV	-0.50	-0.0003	>=-2.5 & <=2.5	Pass
			40	NV	-1.90	-0.0010	>=-2.5 & <=2.5	Pass
			50	NV	1.60	0.0008	>=-2.5 & <=2.5	Pass
			20	LV	3.40	0.0018	>=-2.5 & <=2.5	Pass
				HV	-5.30	-0.0028	>=-2.5 & <=2.5	Pass
			-30	NV	-2.60	-0.0014	>=-2.5 & <=2.5	Pass
			-20	NV	-5.00	-0.0027	>=-2.5 & <=2.5	Pass
-10	NV	0.70	0.0004	>=-2.5 & <=2.5	Pass			
0	NV	-0.80	-0.0004	>=-2.5 & <=2.5	Pass			
10	NV	1.70	0.0009	>=-2.5 & <=2.5	Pass			
20	NV	2.40	0.0013	>=-2.5 & <=2.5	Pass			
30	NV	-4.00	-0.0021	>=-2.5 & <=2.5	Pass			
40	NV	-3.40	-0.0018	>=-2.5 & <=2.5	Pass			
50	NV	-2.00	-0.0011	>=-2.5 & <=2.5	Pass			

2.1.2 15k_SISO_10MHz

5G NR n25 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	1882.5	Outer_Full	20	LV	-4.60	-0.0024	>=-2.5 & <=2.5	Pass
				HV	3.60	0.0019	>=-2.5 & <=2.5	Pass
			-30	NV	3.60	0.0019	>=-2.5 & <=2.5	Pass
			-20	NV	0.70	0.0004	>=-2.5 & <=2.5	Pass
			-10	NV	3.40	0.0018	>=-2.5 & <=2.5	Pass
			0	NV	1.60	0.0008	>=-2.5 & <=2.5	Pass
			10	NV	1.80	0.0010	>=-2.5 & <=2.5	Pass
			20	NV	-3.10	-0.0016	>=-2.5 & <=2.5	Pass
			30	NV	1.10	0.0006	>=-2.5 & <=2.5	Pass
			40	NV	-1.50	-0.0008	>=-2.5 & <=2.5	Pass
50	NV	-1.20	-0.0006	>=-2.5 & <=2.5	Pass			
DFT-s-OFDM QPSK	1882.5	Outer_Full	20	LV	2.70	0.0014	>=-2.5 & <=2.5	Pass
				HV	-3.90	-0.0021	>=-2.5 & <=2.5	Pass
			-30	NV	7.20	0.0038	>=-2.5 & <=2.5	Pass
			-20	NV	-3.30	-0.0018	>=-2.5 & <=2.5	Pass
			-10	NV	1.90	0.0010	>=-2.5 & <=2.5	Pass
			0	NV	-1.20	-0.0006	>=-2.5 & <=2.5	Pass
			10	NV	3.30	0.0018	>=-2.5 & <=2.5	Pass
			20	NV	-2.70	-0.0014	>=-2.5 & <=2.5	Pass
30	NV	-3.40	-0.0018	>=-2.5 & <=2.5	Pass			

			40	NV	-3.90	-0.0021	>=-2.5 & <=2.5	Pass
			50	NV	-2.80	-0.0015	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	1882.5	Outer_Full	20	LV	-2.00	-0.0011	>=-2.5 & <=2.5	Pass
				HV	-3.50	-0.0019	>=-2.5 & <=2.5	Pass
			-30	NV	-2.30	-0.0012	>=-2.5 & <=2.5	Pass
			-20	NV	2.50	0.0013	>=-2.5 & <=2.5	Pass
			-10	NV	-2.30	-0.0012	>=-2.5 & <=2.5	Pass
			0	NV	0.40	0.0002	>=-2.5 & <=2.5	Pass
			10	NV	-3.00	-0.0016	>=-2.5 & <=2.5	Pass
			20	NV	2.30	0.0012	>=-2.5 & <=2.5	Pass
			30	NV	3.10	0.0016	>=-2.5 & <=2.5	Pass
			40	NV	-1.80	-0.0010	>=-2.5 & <=2.5	Pass
			50	NV	3.50	0.0019	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	1882.5	Outer_Full	20	LV	1.60	0.0008	>=-2.5 & <=2.5	Pass
				HV	1.90	0.0010	>=-2.5 & <=2.5	Pass
			-30	NV	4.60	0.0024	>=-2.5 & <=2.5	Pass
			-20	NV	0.70	0.0004	>=-2.5 & <=2.5	Pass
			-10	NV	-3.60	-0.0019	>=-2.5 & <=2.5	Pass
			0	NV	-4.00	-0.0021	>=-2.5 & <=2.5	Pass
			10	NV	-3.50	-0.0019	>=-2.5 & <=2.5	Pass
			20	NV	1.10	0.0006	>=-2.5 & <=2.5	Pass
			30	NV	-2.80	-0.0015	>=-2.5 & <=2.5	Pass
			40	NV	-3.30	-0.0018	>=-2.5 & <=2.5	Pass
			50	NV	1.40	0.0007	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	1882.5	Outer_Full	20	LV	1.70	0.0009	>=-2.5 & <=2.5	Pass
				HV	2.60	0.0014	>=-2.5 & <=2.5	Pass
			-30	NV	5.10	0.0027	>=-2.5 & <=2.5	Pass
			-20	NV	-1.70	-0.0009	>=-2.5 & <=2.5	Pass
			-10	NV	-3.50	-0.0019	>=-2.5 & <=2.5	Pass
			0	NV	-4.30	-0.0023	>=-2.5 & <=2.5	Pass
			10	NV	1.90	0.0010	>=-2.5 & <=2.5	Pass
			20	NV	-4.50	-0.0024	>=-2.5 & <=2.5	Pass
			30	NV	0.70	0.0004	>=-2.5 & <=2.5	Pass
			40	NV	-3.50	-0.0019	>=-2.5 & <=2.5	Pass
			50	NV	-2.40	-0.0013	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	1882.5	Outer_Full	20	LV	-2.20	-0.0012	>=-2.5 & <=2.5	Pass
				HV	-3.10	-0.0016	>=-2.5 & <=2.5	Pass
			-30	NV	0.40	0.0002	>=-2.5 & <=2.5	Pass
			-20	NV	-1.50	-0.0008	>=-2.5 & <=2.5	Pass
			-10	NV	-1.60	-0.0008	>=-2.5 & <=2.5	Pass
			0	NV	2.50	0.0013	>=-2.5 & <=2.5	Pass
			10	NV	-3.20	-0.0017	>=-2.5 & <=2.5	Pass
			20	NV	-4.40	-0.0023	>=-2.5 & <=2.5	Pass
			30	NV	-0.60	-0.0003	>=-2.5 & <=2.5	Pass
			40	NV	2.90	0.0015	>=-2.5 & <=2.5	Pass
			50	NV	-3.00	-0.0016	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	1882.5	Outer_Full	20	LV	-3.60	-0.0019	>=-2.5 & <=2.5	Pass
				HV	1.20	0.0006	>=-2.5 & <=2.5	Pass
			-30	NV	-4.50	-0.0024	>=-2.5 & <=2.5	Pass
			-20	NV	2.30	0.0012	>=-2.5 & <=2.5	Pass
			-10	NV	-3.40	-0.0018	>=-2.5 & <=2.5	Pass
			0	NV	-10.20	-0.0054	>=-2.5 & <=2.5	Pass
			10	NV	-6.10	-0.0032	>=-2.5 & <=2.5	Pass
			20	NV	-2.60	-0.0014	>=-2.5 & <=2.5	Pass
			30	NV	-2.30	-0.0012	>=-2.5 & <=2.5	Pass
			40	NV	-1.90	-0.0010	>=-2.5 & <=2.5	Pass
			50	NV	3.20	0.0017	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	1882.5	Outer_Full	20	LV	0.10	0.0001	>=-2.5 & <=2.5	Pass
				HV	-0.70	-0.0004	>=-2.5 & <=2.5	Pass

			-30	NV	1.20	0.0006	>=-2.5 & <=2.5	Pass
			-20	NV	-8.40	-0.0045	>=-2.5 & <=2.5	Pass
			-10	NV	-3.30	-0.0018	>=-2.5 & <=2.5	Pass
			0	NV	2.80	0.0015	>=-2.5 & <=2.5	Pass
			10	NV	2.90	0.0015	>=-2.5 & <=2.5	Pass
			20	NV	-3.80	-0.0020	>=-2.5 & <=2.5	Pass
			30	NV	4.10	0.0022	>=-2.5 & <=2.5	Pass
			40	NV	-3.50	-0.0019	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	1882.5	Outer_Full	20	LV	-3.30	-0.0018	>=-2.5 & <=2.5	Pass
				HV	-1.50	-0.0008	>=-2.5 & <=2.5	Pass
			-30	NV	-1.90	-0.0010	>=-2.5 & <=2.5	Pass
			-20	NV	-3.10	-0.0016	>=-2.5 & <=2.5	Pass
			-10	NV	-2.10	-0.0011	>=-2.5 & <=2.5	Pass
			0	NV	-3.00	-0.0016	>=-2.5 & <=2.5	Pass
			10	NV	-3.30	-0.0018	>=-2.5 & <=2.5	Pass
			20	NV	-0.60	-0.0003	>=-2.5 & <=2.5	Pass
			30	NV	0.20	0.0001	>=-2.5 & <=2.5	Pass
			40	NV	-2.70	-0.0014	>=-2.5 & <=2.5	Pass
			50	NV	-0.80	-0.0004	>=-2.5 & <=2.5	Pass

2.1.3 15k_SISO_15MHz

5G NR n25 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	1882.5	Outer_Full	20	LV	-3.40	-0.0018	>=-2.5 & <=2.5	Pass
				HV	6.30	0.0033	>=-2.5 & <=2.5	Pass
			-30	NV	-1.70	-0.0009	>=-2.5 & <=2.5	Pass
			-20	NV	-3.40	-0.0018	>=-2.5 & <=2.5	Pass
			-10	NV	-2.70	-0.0014	>=-2.5 & <=2.5	Pass
			0	NV	3.80	0.0020	>=-2.5 & <=2.5	Pass
			10	NV	-2.30	-0.0012	>=-2.5 & <=2.5	Pass
			20	NV	-2.70	-0.0014	>=-2.5 & <=2.5	Pass
			30	NV	-4.40	-0.0023	>=-2.5 & <=2.5	Pass
			40	NV	1.10	0.0006	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	1882.5	Outer_Full	20	LV	2.60	0.0014	>=-2.5 & <=2.5	Pass
				HV	-3.00	-0.0016	>=-2.5 & <=2.5	Pass
			-30	NV	-2.80	-0.0015	>=-2.5 & <=2.5	Pass
			-20	NV	1.90	0.0010	>=-2.5 & <=2.5	Pass
			-10	NV	-2.70	-0.0014	>=-2.5 & <=2.5	Pass
			0	NV	-4.40	-0.0023	>=-2.5 & <=2.5	Pass
			10	NV	1.90	0.0010	>=-2.5 & <=2.5	Pass
			20	NV	1.00	0.0005	>=-2.5 & <=2.5	Pass
			30	NV	0.90	0.0005	>=-2.5 & <=2.5	Pass
			40	NV	4.10	0.0022	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	1882.5	Outer_Full	20	LV	-2.50	-0.0013	>=-2.5 & <=2.5	Pass
				HV	-1.80	-0.0010	>=-2.5 & <=2.5	Pass
			-30	NV	5.70	0.0030	>=-2.5 & <=2.5	Pass
			-20	NV	3.20	0.0017	>=-2.5 & <=2.5	Pass
			-10	NV	1.40	0.0007	>=-2.5 & <=2.5	Pass
			0	NV	0.30	0.0002	>=-2.5 & <=2.5	Pass
			10	NV	4.50	0.0024	>=-2.5 & <=2.5	Pass
			20	NV	4.40	0.0023	>=-2.5 & <=2.5	Pass
			30	NV	1.70	0.0009	>=-2.5 & <=2.5	Pass

			40	NV	-3.30	-0.0018	>=-2.5 & <=2.5	Pass
			50	NV	-2.40	-0.0013	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	1882.5	Outer_Full	20	LV	-1.00	-0.0005	>=-2.5 & <=2.5	Pass
				HV	-0.90	-0.0005	>=-2.5 & <=2.5	Pass
			-30	NV	4.20	0.0022	>=-2.5 & <=2.5	Pass
			-20	NV	-1.50	-0.0008	>=-2.5 & <=2.5	Pass
			-10	NV	-4.40	-0.0023	>=-2.5 & <=2.5	Pass
			0	NV	1.60	0.0008	>=-2.5 & <=2.5	Pass
			10	NV	1.80	0.0010	>=-2.5 & <=2.5	Pass
			20	NV	1.30	0.0007	>=-2.5 & <=2.5	Pass
			30	NV	-3.50	-0.0019	>=-2.5 & <=2.5	Pass
			40	NV	-0.90	-0.0005	>=-2.5 & <=2.5	Pass
			50	NV	-4.10	-0.0022	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	1882.5	Outer_Full	20	LV	-2.90	-0.0015	>=-2.5 & <=2.5	Pass
				HV	-4.70	-0.0025	>=-2.5 & <=2.5	Pass
			-30	NV	6.70	0.0036	>=-2.5 & <=2.5	Pass
			-20	NV	3.10	0.0016	>=-2.5 & <=2.5	Pass
			-10	NV	2.40	0.0013	>=-2.5 & <=2.5	Pass
			0	NV	1.30	0.0007	>=-2.5 & <=2.5	Pass
			10	NV	3.10	0.0016	>=-2.5 & <=2.5	Pass
			20	NV	-2.10	-0.0011	>=-2.5 & <=2.5	Pass
			30	NV	3.20	0.0017	>=-2.5 & <=2.5	Pass
			40	NV	-3.40	-0.0018	>=-2.5 & <=2.5	Pass
			50	NV	-3.20	-0.0017	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	1882.5	Outer_Full	20	LV	-3.50	-0.0019	>=-2.5 & <=2.5	Pass
				HV	-2.50	-0.0013	>=-2.5 & <=2.5	Pass
			-30	NV	-2.10	-0.0011	>=-2.5 & <=2.5	Pass
			-20	NV	-2.80	-0.0015	>=-2.5 & <=2.5	Pass
			-10	NV	-5.50	-0.0029	>=-2.5 & <=2.5	Pass
			0	NV	-1.90	-0.0010	>=-2.5 & <=2.5	Pass
			10	NV	-2.50	-0.0013	>=-2.5 & <=2.5	Pass
			20	NV	-4.20	-0.0022	>=-2.5 & <=2.5	Pass
			30	NV	3.40	0.0018	>=-2.5 & <=2.5	Pass
			40	NV	-3.70	-0.0020	>=-2.5 & <=2.5	Pass
			50	NV	-1.60	-0.0008	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	1882.5	Outer_Full	20	LV	2.30	0.0012	>=-2.5 & <=2.5	Pass
				HV	4.40	0.0023	>=-2.5 & <=2.5	Pass
			-30	NV	-1.20	-0.0006	>=-2.5 & <=2.5	Pass
			-20	NV	-4.50	-0.0024	>=-2.5 & <=2.5	Pass
			-10	NV	2.20	0.0012	>=-2.5 & <=2.5	Pass
			0	NV	-2.30	-0.0012	>=-2.5 & <=2.5	Pass
			10	NV	2.70	0.0014	>=-2.5 & <=2.5	Pass
			20	NV	-0.80	-0.0004	>=-2.5 & <=2.5	Pass
			30	NV	-3.80	-0.0020	>=-2.5 & <=2.5	Pass
			40	NV	-5.20	-0.0028	>=-2.5 & <=2.5	Pass
			50	NV	-3.20	-0.0017	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	1882.5	Outer_Full	20	LV	-1.80	-0.0010	>=-2.5 & <=2.5	Pass
				HV	-4.70	-0.0025	>=-2.5 & <=2.5	Pass
			-30	NV	0.20	0.0001	>=-2.5 & <=2.5	Pass
			-20	NV	-6.50	-0.0035	>=-2.5 & <=2.5	Pass
			-10	NV	3.30	0.0018	>=-2.5 & <=2.5	Pass
			0	NV	1.60	0.0008	>=-2.5 & <=2.5	Pass
			10	NV	-2.00	-0.0011	>=-2.5 & <=2.5	Pass
			20	NV	-3.00	-0.0016	>=-2.5 & <=2.5	Pass
			30	NV	-6.10	-0.0032	>=-2.5 & <=2.5	Pass
			40	NV	4.70	0.0025	>=-2.5 & <=2.5	Pass
			50	NV	-1.30	-0.0007	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	1882.5	Outer_Full	20	LV	0.70	0.0004	>=-2.5 & <=2.5	Pass
				HV	-0.70	-0.0004	>=-2.5 & <=2.5	Pass

			-30	NV	-4.10	-0.0022	>=-2.5 & <=2.5	Pass
			-20	NV	3.80	0.0020	>=-2.5 & <=2.5	Pass
			-10	NV	-3.40	-0.0018	>=-2.5 & <=2.5	Pass
			0	NV	-3.10	-0.0016	>=-2.5 & <=2.5	Pass
			10	NV	-2.20	-0.0012	>=-2.5 & <=2.5	Pass
			20	NV	-3.80	-0.0020	>=-2.5 & <=2.5	Pass
			30	NV	-3.20	-0.0017	>=-2.5 & <=2.5	Pass
			40	NV	1.00	0.0005	>=-2.5 & <=2.5	Pass
			50	NV	-0.80	-0.0004	>=-2.5 & <=2.5	Pass

2.1.4 15k_SISO_20MHz

5G NR n25 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	1882.5	Outer_Full	20	LV	7.00	0.0037	>=-2.5 & <=2.5	Pass
				HV	5.90	0.0031	>=-2.5 & <=2.5	Pass
			-30	NV	5.90	0.0031	>=-2.5 & <=2.5	Pass
			-20	NV	3.30	0.0018	>=-2.5 & <=2.5	Pass
			-10	NV	3.60	0.0019	>=-2.5 & <=2.5	Pass
			0	NV	7.30	0.0039	>=-2.5 & <=2.5	Pass
			10	NV	9.20	0.0049	>=-2.5 & <=2.5	Pass
			20	NV	3.10	0.0016	>=-2.5 & <=2.5	Pass
			30	NV	7.60	0.0040	>=-2.5 & <=2.5	Pass
			40	NV	4.80	0.0025	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	1882.5	Outer_Full	20	LV	7.50	0.0040	>=-2.5 & <=2.5	Pass
				HV	7.70	0.0041	>=-2.5 & <=2.5	Pass
			-30	NV	5.00	0.0027	>=-2.5 & <=2.5	Pass
			-20	NV	8.70	0.0046	>=-2.5 & <=2.5	Pass
			-10	NV	5.80	0.0031	>=-2.5 & <=2.5	Pass
			0	NV	9.70	0.0052	>=-2.5 & <=2.5	Pass
			10	NV	7.80	0.0041	>=-2.5 & <=2.5	Pass
			20	NV	4.90	0.0026	>=-2.5 & <=2.5	Pass
			30	NV	5.20	0.0028	>=-2.5 & <=2.5	Pass
			40	NV	7.10	0.0038	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	1882.5	Outer_Full	20	LV	4.20	0.0022	>=-2.5 & <=2.5	Pass
				HV	3.50	0.0019	>=-2.5 & <=2.5	Pass
			-30	NV	4.40	0.0023	>=-2.5 & <=2.5	Pass
			-20	NV	5.00	0.0027	>=-2.5 & <=2.5	Pass
			-10	NV	8.00	0.0042	>=-2.5 & <=2.5	Pass
			0	NV	5.00	0.0027	>=-2.5 & <=2.5	Pass
			10	NV	9.90	0.0053	>=-2.5 & <=2.5	Pass
			20	NV	6.00	0.0032	>=-2.5 & <=2.5	Pass
			30	NV	3.40	0.0018	>=-2.5 & <=2.5	Pass
			40	NV	6.50	0.0035	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	1882.5	Outer_Full	20	LV	4.20	0.0022	>=-2.5 & <=2.5	Pass
				HV	11.70	0.0062	>=-2.5 & <=2.5	Pass
			-30	NV	6.10	0.0032	>=-2.5 & <=2.5	Pass
			-20	NV	8.80	0.0047	>=-2.5 & <=2.5	Pass
			-10	NV	6.30	0.0033	>=-2.5 & <=2.5	Pass
			0	NV	2.90	0.0015	>=-2.5 & <=2.5	Pass
			10	NV	6.80	0.0036	>=-2.5 & <=2.5	Pass
			20	NV	12.30	0.0065	>=-2.5 & <=2.5	Pass
			30	NV	6.60	0.0035	>=-2.5 & <=2.5	Pass

			40	NV	3.90	0.0021	>=-2.5 & <=2.5	Pass
			50	NV	4.80	0.0025	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	1882.5	Outer_Full	20	LV	1.80	0.0010	>=-2.5 & <=2.5	Pass
				HV	3.30	0.0018	>=-2.5 & <=2.5	Pass
			-30	NV	2.40	0.0013	>=-2.5 & <=2.5	Pass
			-20	NV	1.50	0.0008	>=-2.5 & <=2.5	Pass
			-10	NV	-2.40	-0.0013	>=-2.5 & <=2.5	Pass
			0	NV	-4.60	-0.0024	>=-2.5 & <=2.5	Pass
			10	NV	2.60	0.0014	>=-2.5 & <=2.5	Pass
			20	NV	6.30	0.0033	>=-2.5 & <=2.5	Pass
			30	NV	-4.70	-0.0025	>=-2.5 & <=2.5	Pass
			40	NV	6.70	0.0036	>=-2.5 & <=2.5	Pass
			50	NV	-1.10	-0.0006	>=-2.5 & <=2.5	Pass
			CP-OFDM QPSK	1882.5	Outer_Full	20	LV	2.90
HV	-4.50	-0.0024					>=-2.5 & <=2.5	Pass
-30	NV	1.00				0.0005	>=-2.5 & <=2.5	Pass
-20	NV	-4.70				-0.0025	>=-2.5 & <=2.5	Pass
-10	NV	-1.20				-0.0006	>=-2.5 & <=2.5	Pass
0	NV	-1.70				-0.0009	>=-2.5 & <=2.5	Pass
10	NV	-7.00				-0.0037	>=-2.5 & <=2.5	Pass
20	NV	-6.20				-0.0033	>=-2.5 & <=2.5	Pass
30	NV	-4.60				-0.0024	>=-2.5 & <=2.5	Pass
40	NV	-2.80				-0.0015	>=-2.5 & <=2.5	Pass
50	NV	3.00				0.0016	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	1882.5	Outer_Full				20	LV	1.30
			HV	-2.30	-0.0012		>=-2.5 & <=2.5	Pass
			-30	NV	1.80	0.0010	>=-2.5 & <=2.5	Pass
			-20	NV	-0.90	-0.0005	>=-2.5 & <=2.5	Pass
			-10	NV	-1.20	-0.0006	>=-2.5 & <=2.5	Pass
			0	NV	-2.60	-0.0014	>=-2.5 & <=2.5	Pass
			10	NV	-2.90	-0.0015	>=-2.5 & <=2.5	Pass
			20	NV	-6.40	-0.0034	>=-2.5 & <=2.5	Pass
			30	NV	4.20	0.0022	>=-2.5 & <=2.5	Pass
			40	NV	-3.20	-0.0017	>=-2.5 & <=2.5	Pass
			50	NV	1.40	0.0007	>=-2.5 & <=2.5	Pass
			CP-OFDM 64 QAM	1882.5	Outer_Full	20	LV	-4.00
HV	-2.40	-0.0013					>=-2.5 & <=2.5	Pass
-30	NV	1.80				0.0010	>=-2.5 & <=2.5	Pass
-20	NV	-4.00				-0.0021	>=-2.5 & <=2.5	Pass
-10	NV	1.10				0.0006	>=-2.5 & <=2.5	Pass
0	NV	3.60				0.0019	>=-2.5 & <=2.5	Pass
10	NV	0.90				0.0005	>=-2.5 & <=2.5	Pass
20	NV	-2.80				-0.0015	>=-2.5 & <=2.5	Pass
30	NV	-3.30				-0.0018	>=-2.5 & <=2.5	Pass
40	NV	2.60				0.0014	>=-2.5 & <=2.5	Pass
50	NV	-3.50				-0.0019	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	1882.5	Outer_Full				20	LV	-1.90
			HV	-4.50	-0.0024		>=-2.5 & <=2.5	Pass
			-30	NV	-2.00	-0.0011	>=-2.5 & <=2.5	Pass
			-20	NV	-1.40	-0.0007	>=-2.5 & <=2.5	Pass
			-10	NV	5.00	0.0027	>=-2.5 & <=2.5	Pass
			0	NV	-3.40	-0.0018	>=-2.5 & <=2.5	Pass
			10	NV	0.50	0.0003	>=-2.5 & <=2.5	Pass
			20	NV	-2.60	-0.0014	>=-2.5 & <=2.5	Pass
			30	NV	-1.30	-0.0007	>=-2.5 & <=2.5	Pass
			40	NV	3.80	0.0020	>=-2.5 & <=2.5	Pass
			50	NV	0.70	0.0004	>=-2.5 & <=2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 15k_SISO_5MHz_NTNV

5G NR n25 SCS=15kHz SISO 5MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	1852.5	Outer_Full	4.54	5.05	/	Pass
	1882.5	Outer_Full	4.54	5.05	/	Pass
	1912.5	Outer_Full	4.51	5.01	/	Pass
DFT-s-OFDM QPSK	1852.5	Outer_Full	4.54	5.05	/	Pass
	1882.5	Outer_Full	4.53	5.09	/	Pass
	1912.5	Outer_Full	4.51	5.04	/	Pass
DFT-s-OFDM 16 QAM	1852.5	Outer_Full	4.55	5.08	/	Pass
	1882.5	Outer_Full	4.55	5.06	/	Pass
	1912.5	Outer_Full	4.53	5.02	/	Pass
DFT-s-OFDM 64 QAM	1852.5	Outer_Full	4.53	5.07	/	Pass
	1882.5	Outer_Full	4.54	5.06	/	Pass
	1912.5	Outer_Full	4.53	5.02	/	Pass
DFT-s-OFDM 256 QAM	1852.5	Outer_Full	4.55	5.14	/	Pass
	1882.5	Outer_Full	4.52	5.04	/	Pass
	1912.5	Outer_Full	4.53	5.07	/	Pass
CP-OFDM QPSK	1852.5	Outer_Full	4.53	5.11	/	Pass
	1882.5	Outer_Full	4.54	5.09	/	Pass
	1912.5	Outer_Full	4.51	5.13	/	Pass
CP-OFDM 16 QAM	1852.5	Outer_Full	4.54	5.04	/	Pass
	1882.5	Outer_Full	4.53	5.00	/	Pass
	1912.5	Outer_Full	4.56	5.10	/	Pass
CP-OFDM 64 QAM	1852.5	Outer_Full	4.54	5.10	/	Pass
	1882.5	Outer_Full	4.54	5.10	/	Pass
	1912.5	Outer_Full	4.51	5.07	/	Pass
CP-OFDM 256 QAM	1852.5	Outer_Full	4.53	5.11	/	Pass
	1882.5	Outer_Full	4.54	5.14	/	Pass
	1912.5	Outer_Full	4.48	4.97	/	Pass

3.1.2 15k_SISO_10MHz_NTNV

5G NR n25 SCS=15kHz SISO 10MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	1855	Outer_Full	9.05	9.85	/	Pass
	1882.5	Outer_Full	9.05	9.80	/	Pass
	1910	Outer_Full	9.01	9.82	/	Pass
DFT-s-OFDM QPSK	1855	Outer_Full	9.08	9.83	/	Pass
	1882.5	Outer_Full	9.07	9.86	/	Pass
	1910	Outer_Full	9.03	9.81	/	Pass
DFT-s-OFDM 16 QAM	1855	Outer_Full	9.08	9.86	/	Pass
	1882.5	Outer_Full	9.07	9.85	/	Pass
	1910	Outer_Full	9.03	9.82	/	Pass
DFT-s-OFDM 64 QAM	1855	Outer_Full	9.07	9.88	/	Pass
	1882.5	Outer_Full	9.06	9.85	/	Pass
	1910	Outer_Full	9.01	9.80	/	Pass
DFT-s-OFDM 256 QAM	1855	Outer_Full	9.06	9.84	/	Pass
	1882.5	Outer_Full	9.07	9.90	/	Pass

CP-OFDM QPSK	1910	Outer_Full	9.03	9.90	/	Pass
	1855	Outer_Full	9.39	10.15	/	Pass
	1882.5	Outer_Full	9.38	10.21	/	Pass
	1910	Outer_Full	9.36	10.27	/	Pass
CP-OFDM 16 QAM	1855	Outer_Full	9.39	10.24	/	Pass
	1882.5	Outer_Full	9.39	10.28	/	Pass
	1910	Outer_Full	9.35	10.20	/	Pass
	1855	Outer_Full	9.38	10.20	/	Pass
CP-OFDM 64 QAM	1882.5	Outer_Full	9.38	10.22	/	Pass
	1910	Outer_Full	9.34	10.14	/	Pass
	1855	Outer_Full	9.43	10.25	/	Pass
	1882.5	Outer_Full	9.40	10.23	/	Pass
CP-OFDM 256 QAM	1910	Outer_Full	9.38	10.22	/	Pass

3.1.3 15k_SISO_15MHz_NTNV

5G NR n25 SCS=15kHz SISO 15MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	1857.5	Outer_Full	13.56	14.59	/	Pass
	1882.5	Outer_Full	13.60	14.65	/	Pass
	1907.5	Outer_Full	13.55	14.54	/	Pass
DFT-s-OFDM QPSK	1857.5	Outer_Full	13.59	14.59	/	Pass
	1882.5	Outer_Full	13.63	14.70	/	Pass
	1907.5	Outer_Full	13.58	14.63	/	Pass
DFT-s-OFDM 16 QAM	1857.5	Outer_Full	13.66	14.61	/	Pass
	1882.5	Outer_Full	13.67	14.67	/	Pass
	1907.5	Outer_Full	13.63	14.72	/	Pass
DFT-s-OFDM 64 QAM	1857.5	Outer_Full	13.56	14.60	/	Pass
	1882.5	Outer_Full	13.58	14.66	/	Pass
	1907.5	Outer_Full	13.54	14.60	/	Pass
DFT-s-OFDM 256 QAM	1857.5	Outer_Full	13.59	14.65	/	Pass
	1882.5	Outer_Full	13.60	14.68	/	Pass
	1907.5	Outer_Full	13.57	14.61	/	Pass
CP-OFDM QPSK	1857.5	Outer_Full	14.26	15.26	/	Pass
	1882.5	Outer_Full	14.26	15.36	/	Pass
	1907.5	Outer_Full	14.22	15.30	/	Pass
CP-OFDM 16 QAM	1857.5	Outer_Full	14.29	15.27	/	Pass
	1882.5	Outer_Full	14.29	15.29	/	Pass
	1907.5	Outer_Full	14.22	15.30	/	Pass
CP-OFDM 64 QAM	1857.5	Outer_Full	14.27	15.28	/	Pass
	1882.5	Outer_Full	14.33	15.39	/	Pass
	1907.5	Outer_Full	14.25	15.40	/	Pass
CP-OFDM 256 QAM	1857.5	Outer_Full	14.24	15.28	/	Pass
	1882.5	Outer_Full	14.28	15.45	/	Pass
	1907.5	Outer_Full	14.20	15.42	/	Pass

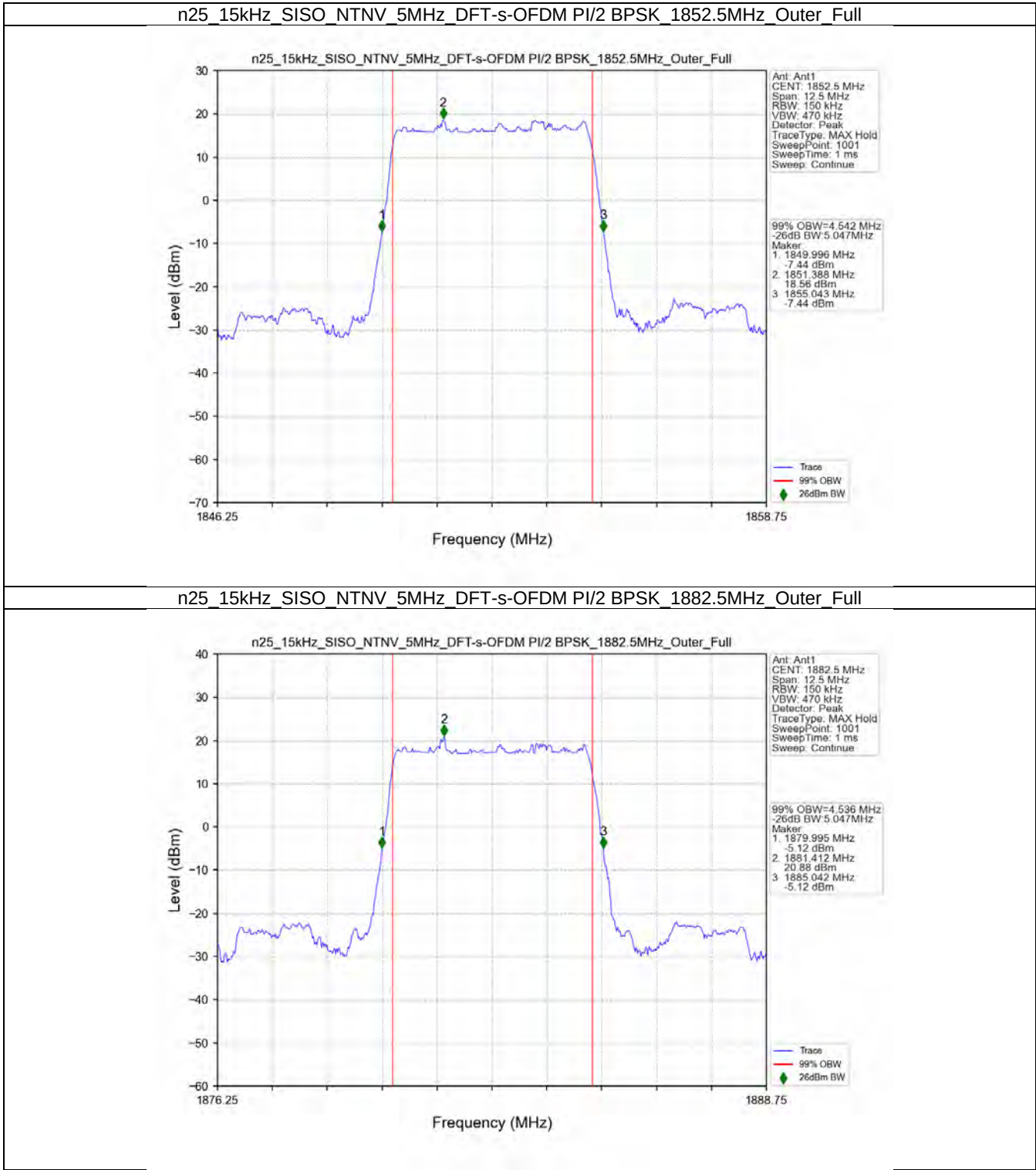
3.1.4 15k_SISO_20MHz_NTNV

5G NR n25 SCS=15kHz SISO 20MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	1860	Outer_Full	18.04	19.37	/	Pass
	1882.5	Outer_Full	18.13	19.42	/	Pass
	1905	Outer_Full	18.12	19.42	/	Pass
DFT-s-OFDM QPSK	1860	Outer_Full	18.02	19.42	/	Pass

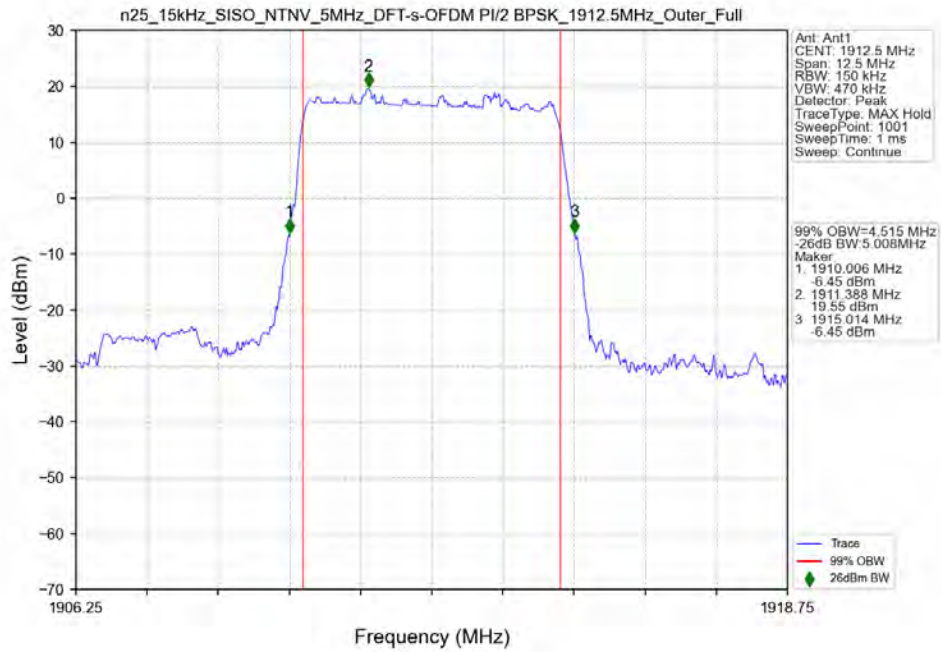
	1882.5	Outer_Full	18.09	19.51	/	Pass
	1905	Outer_Full	18.07	19.43	/	Pass
DFT-s-OFDM 16 QAM	1860	Outer_Full	18.00	19.32	/	Pass
	1882.5	Outer_Full	18.09	19.46	/	Pass
	1905	Outer_Full	18.04	19.41	/	Pass
DFT-s-OFDM 64 QAM	1860	Outer_Full	18.02	19.41	/	Pass
	1882.5	Outer_Full	18.10	19.46	/	Pass
	1905	Outer_Full	18.07	19.48	/	Pass
DFT-s-OFDM 256 QAM	1860	Outer_Full	18.03	19.35	/	Pass
	1882.5	Outer_Full	18.12	19.41	/	Pass
	1905	Outer_Full	18.09	19.40	/	Pass
CP-OFDM QPSK	1860	Outer_Full	19.10	20.52	/	Pass
	1882.5	Outer_Full	19.14	20.84	/	Pass
	1905	Outer_Full	19.10	20.74	/	Pass
CP-OFDM 16 QAM	1860	Outer_Full	19.21	20.41	/	Pass
	1882.5	Outer_Full	19.19	22.50	/	Pass
	1905	Outer_Full	19.14	20.59	/	Pass
CP-OFDM 64 QAM	1860	Outer_Full	19.10	20.45	/	Pass
	1882.5	Outer_Full	19.19	20.30	/	Pass
	1905	Outer_Full	19.17	21.41	/	Pass
CP-OFDM 256 QAM	1860	Outer_Full	19.25	20.27	/	Pass
	1882.5	Outer_Full	19.22	20.55	/	Pass
	1905	Outer_Full	19.19	20.56	/	Pass

3.2 Test Graph

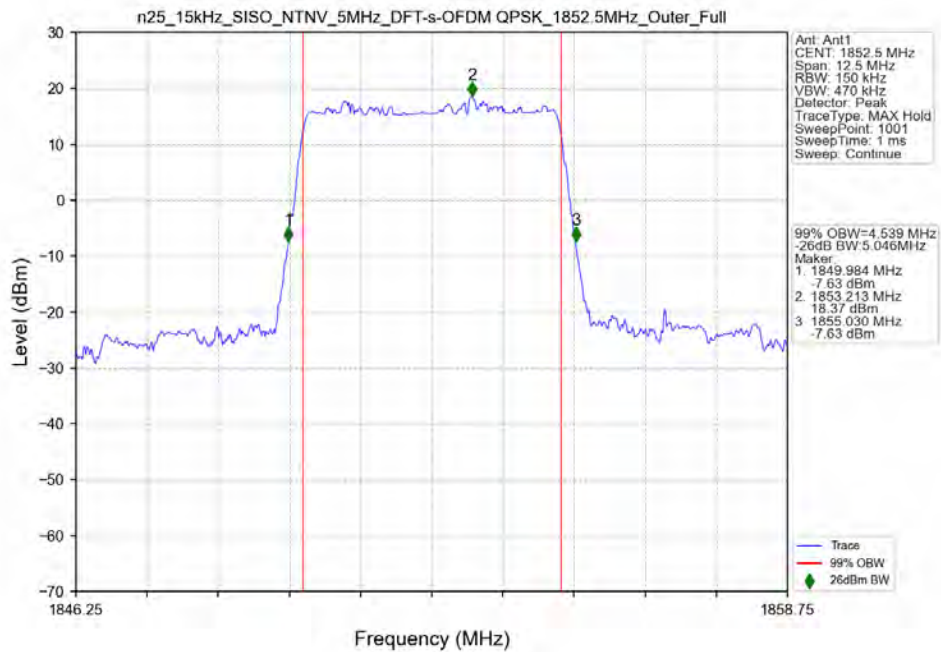
3.2.1 15k_SISO_5MHz_NTNV



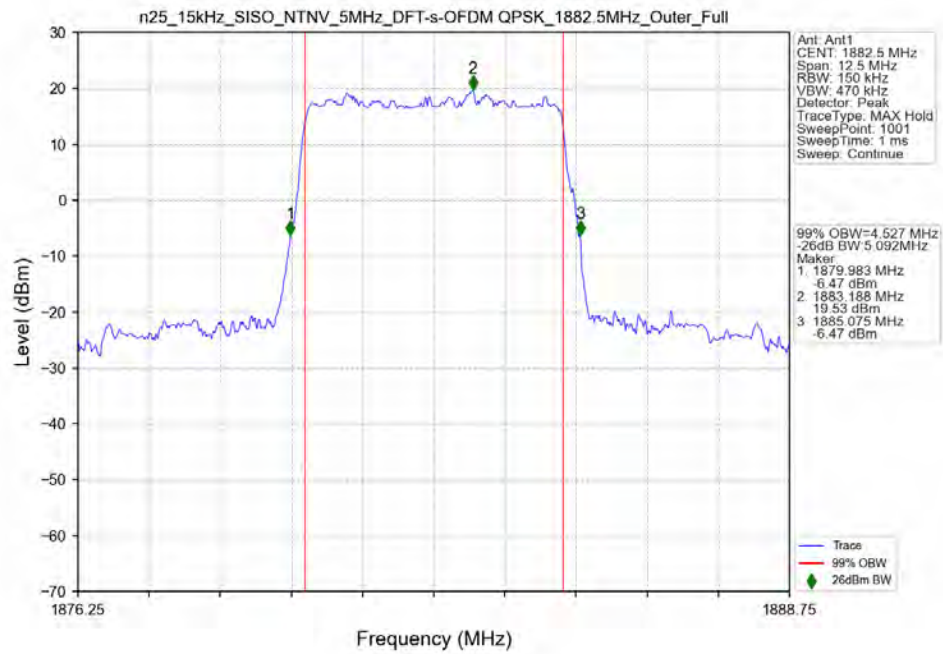
n25_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_1912.5MHz_Outer_Full



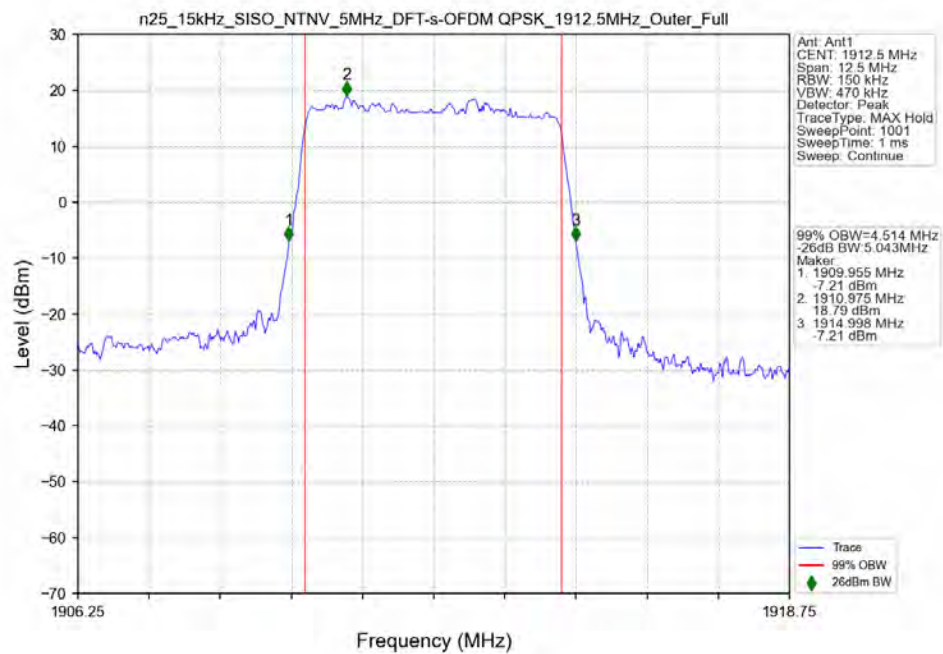
n25_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_1852.5MHz_Outer_Full



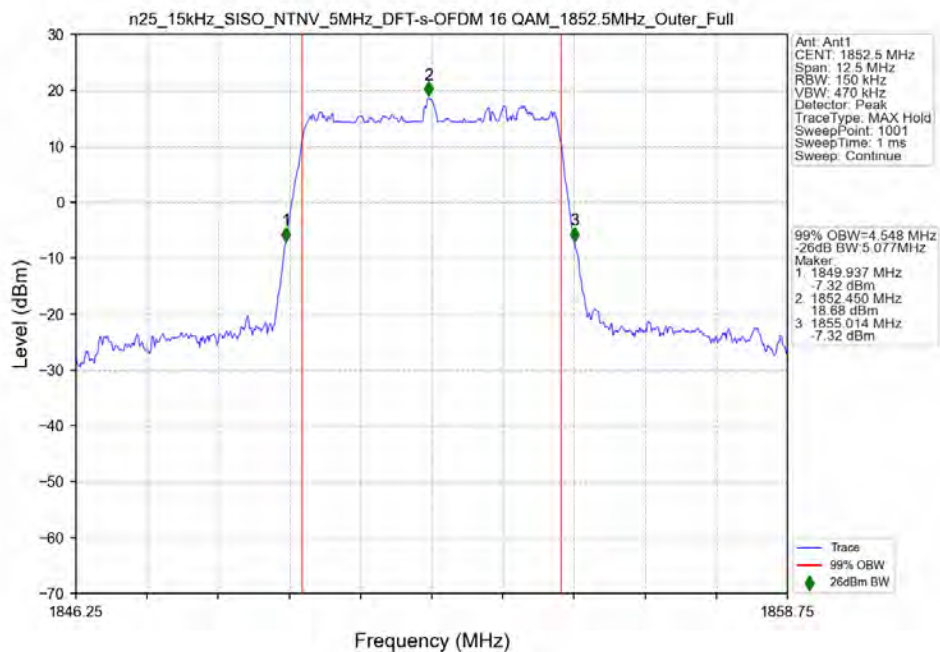
n25_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_1882.5MHz_Outer_Full



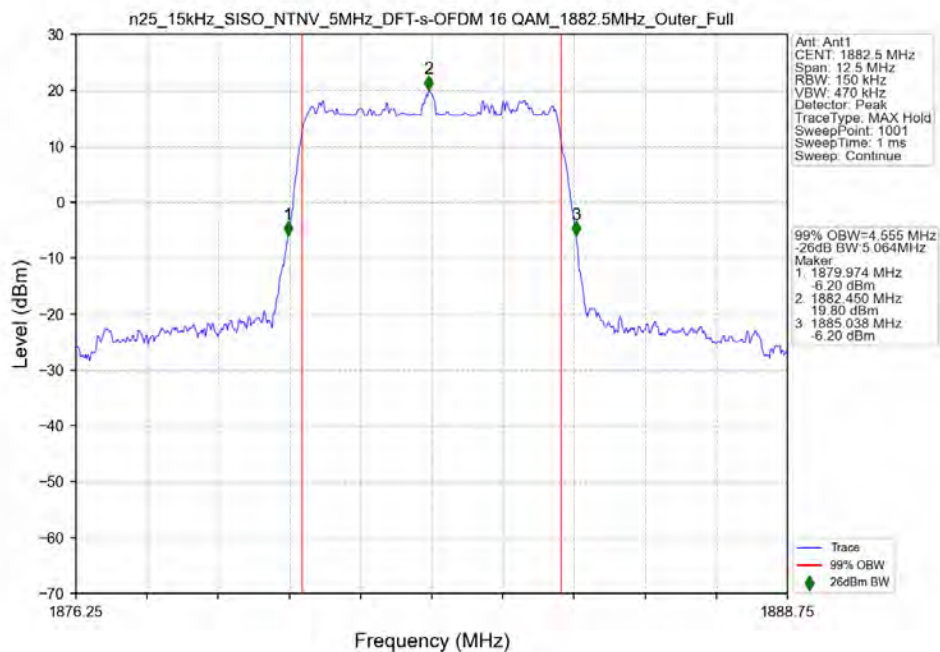
n25_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_1912.5MHz_Outer_Full



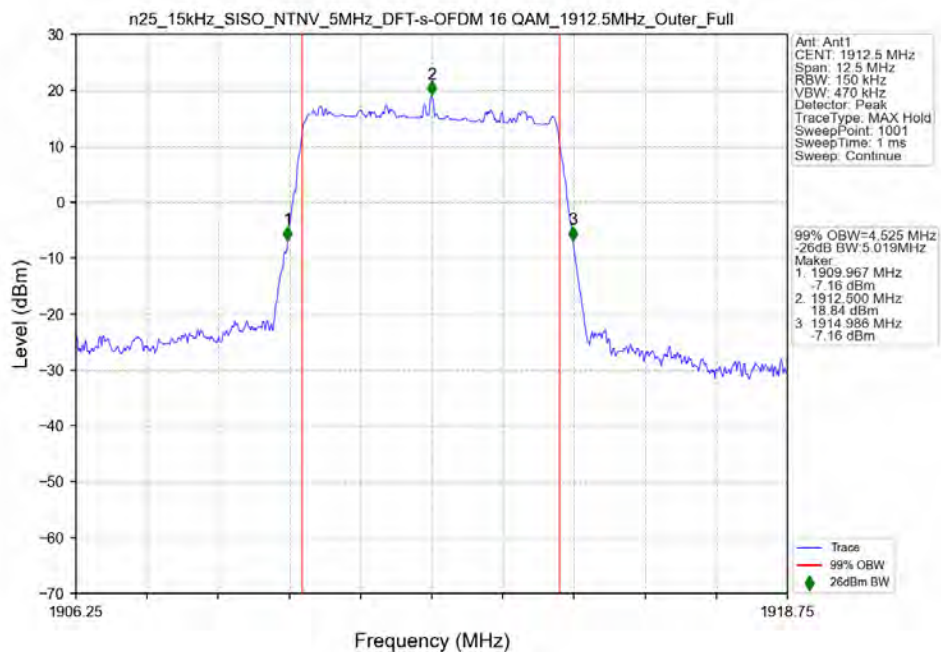
n25_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_16_QAM_1852.5MHz_Outer_Full



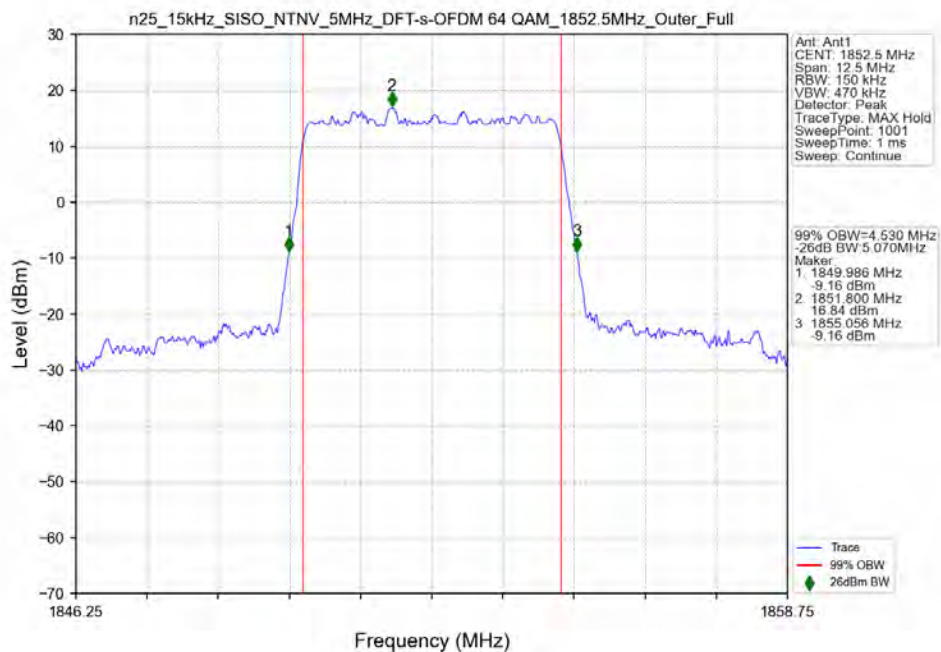
n25_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_16_QAM_1882.5MHz_Outer_Full



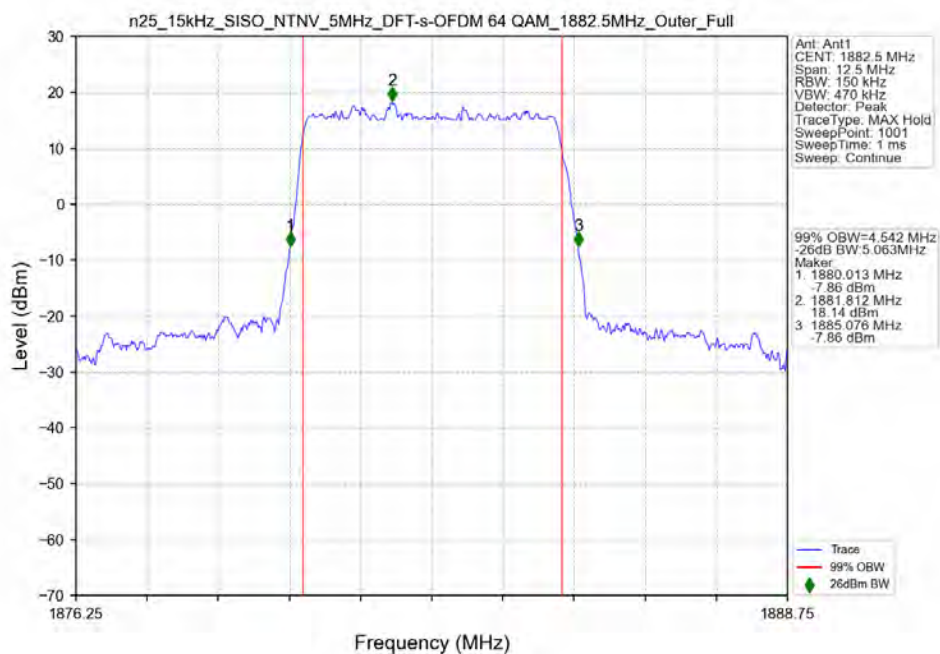
n25_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_16_QAM_1912.5MHz_Outer_Full



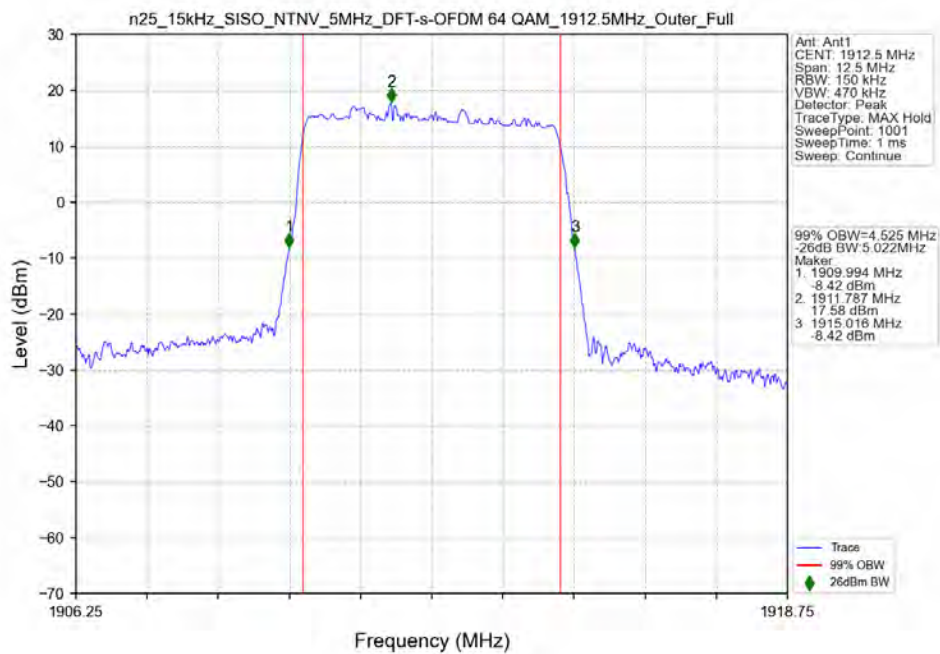
n25_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_64_QAM_1852.5MHz_Outer_Full



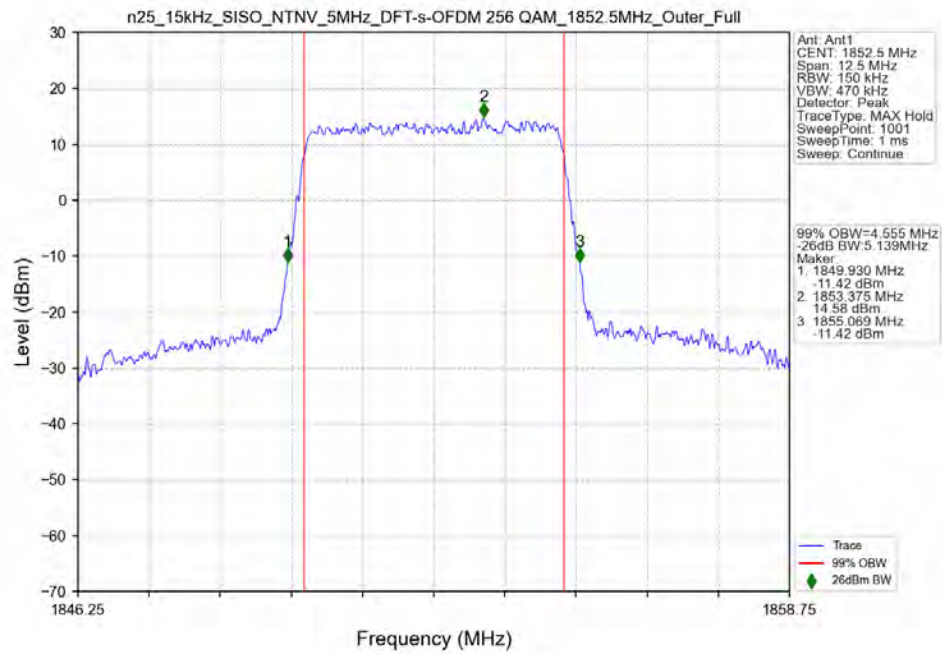
n25_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_64_QAM_1882.5MHz_Outer_Full



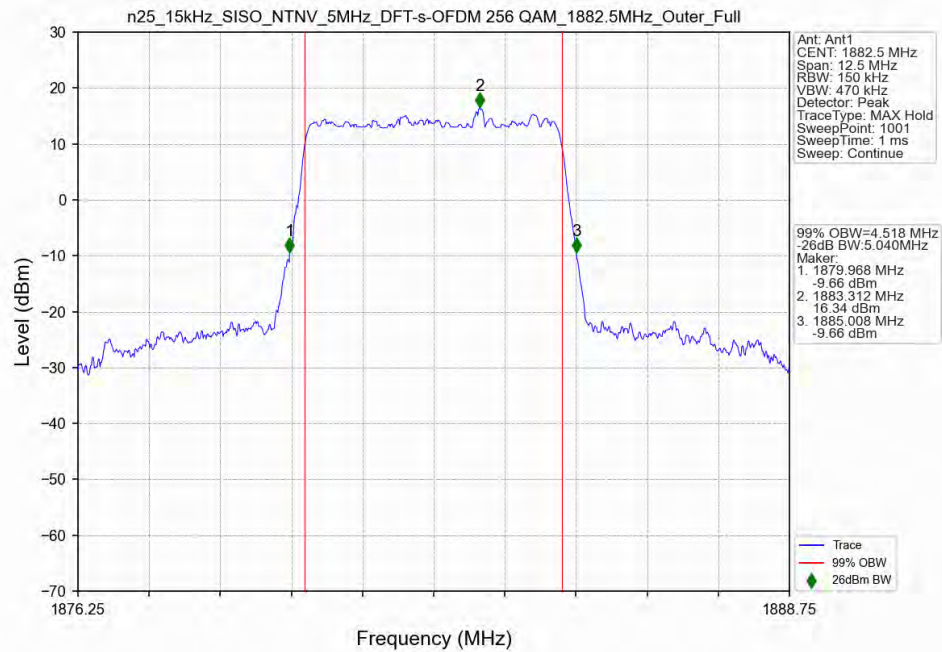
n25_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_64_QAM_1912.5MHz_Outer_Full



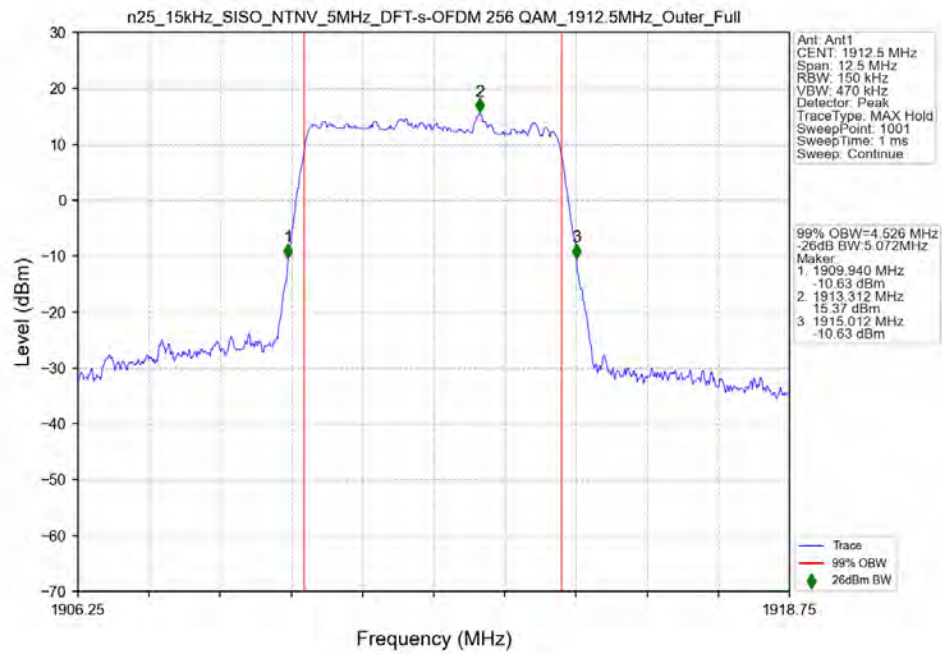
n25_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_256_QAM_1852.5MHz_Outer_Full



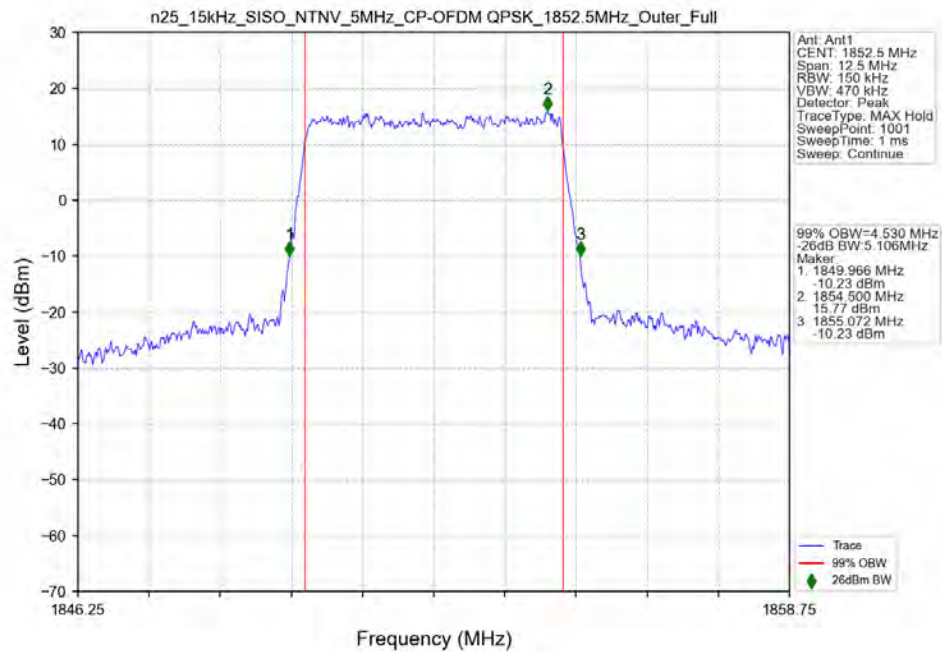
n25_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_256_QAM_1882.5MHz_Outer_Full



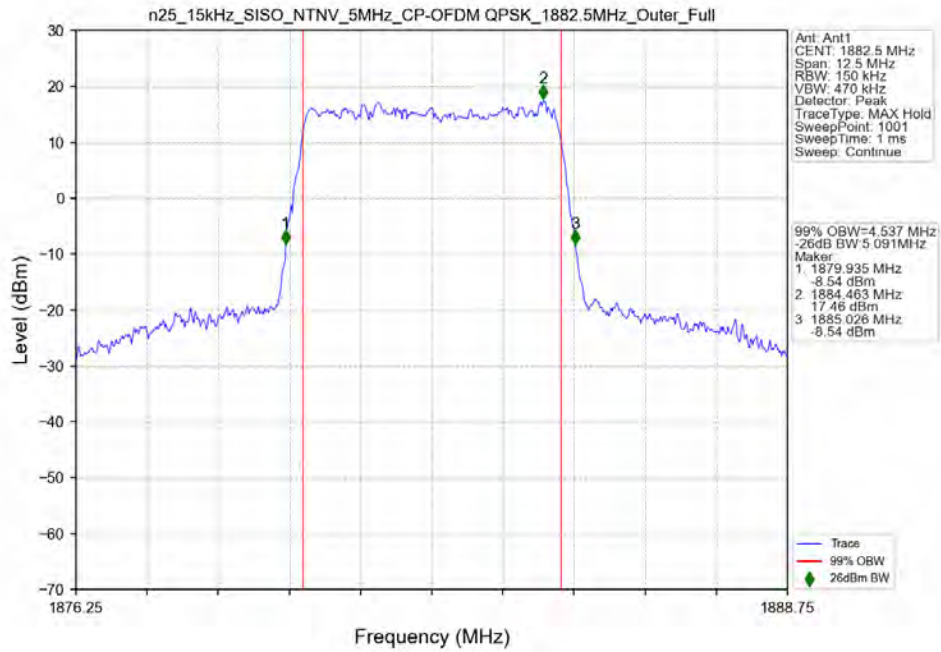
n25_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_256_QAM_1912.5MHz_Outer_Full



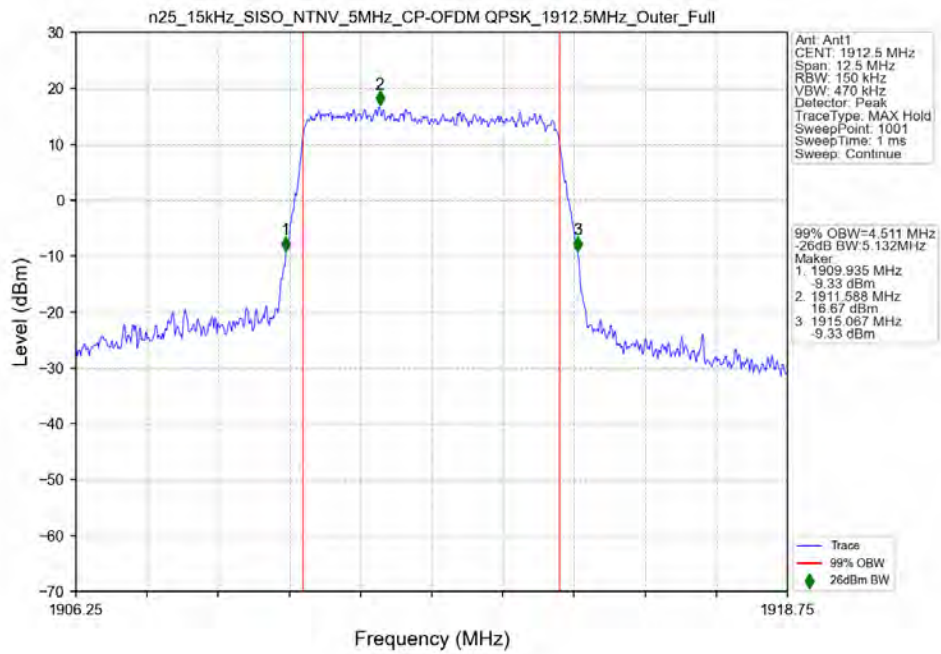
n25_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_1852.5MHz_Outer_Full



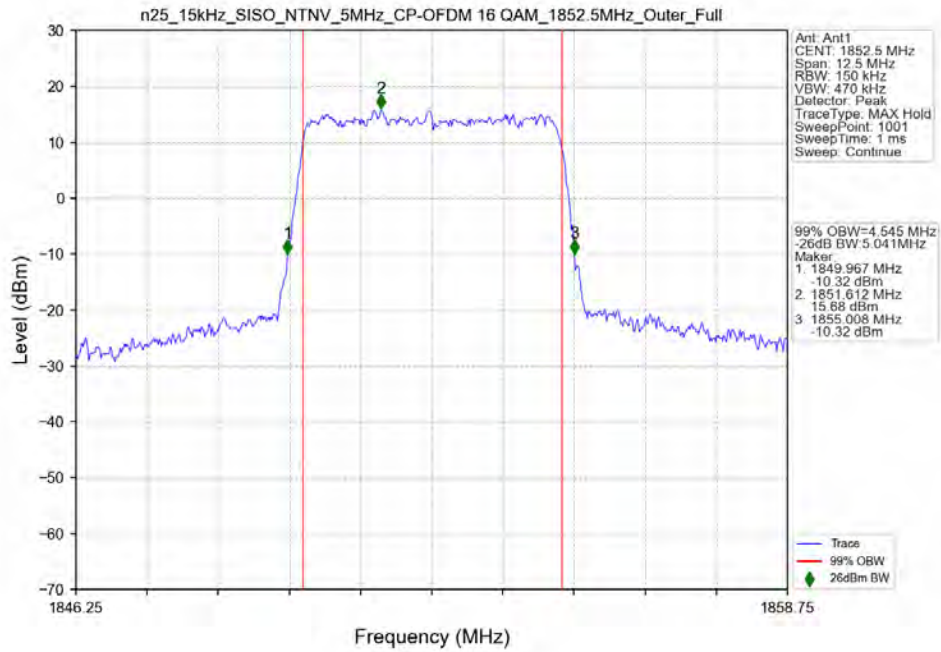
n25_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_1882.5MHz_Outer_Full



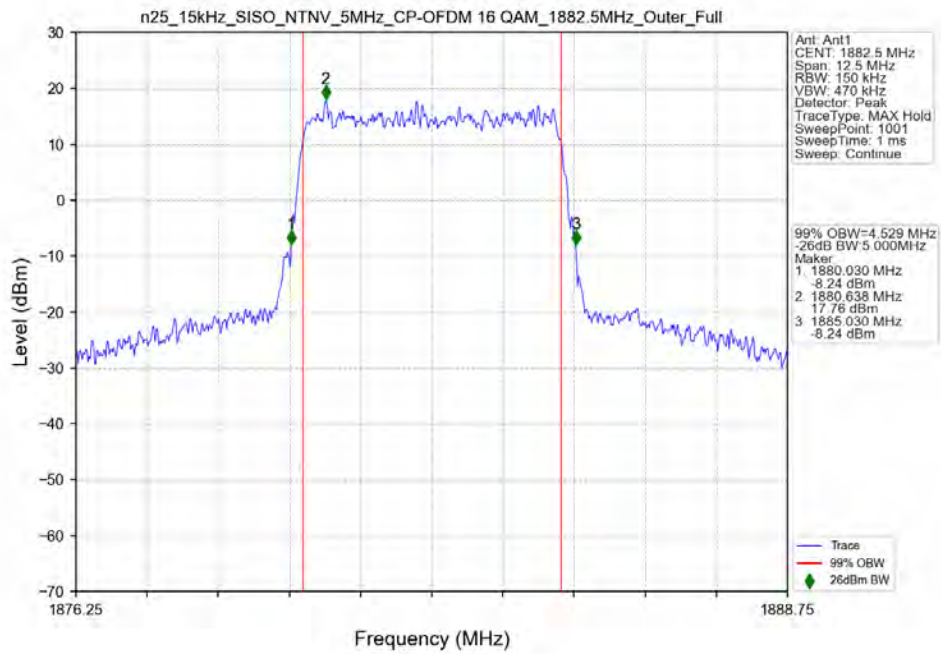
n25_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_1912.5MHz_Outer_Full



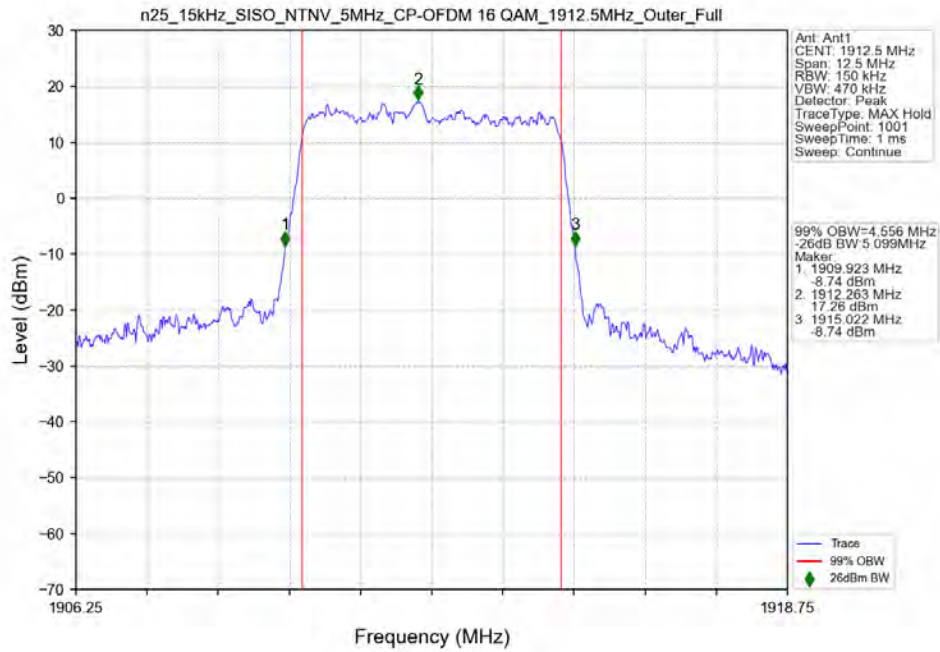
n25_15kHz_SISO_NTNV_5MHz_CP-OFDM_16 QAM_1852.5MHz_Outer_Full



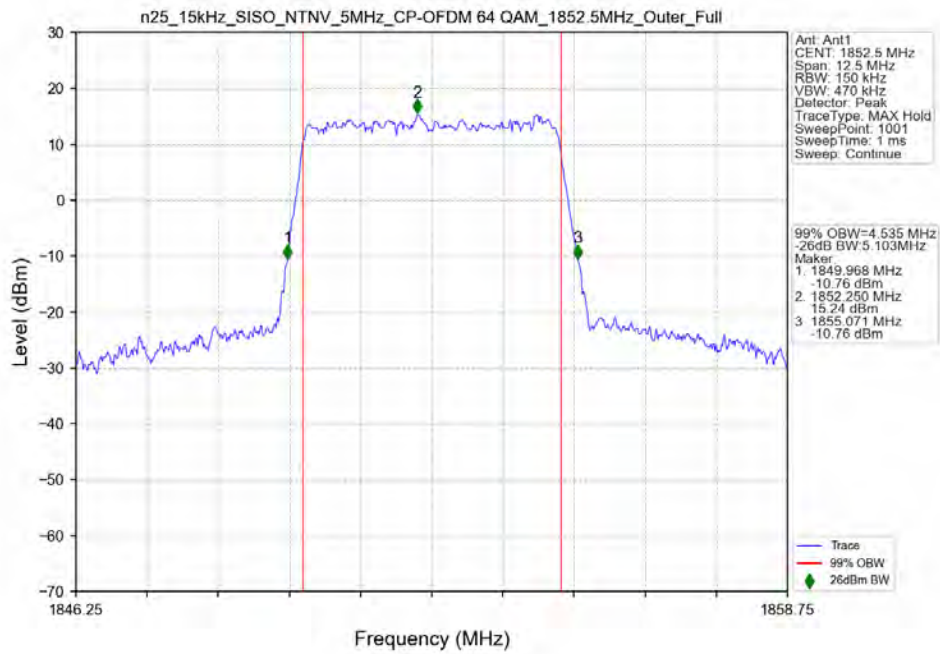
n25_15kHz_SISO_NTNV_5MHz_CP-OFDM_16 QAM_1882.5MHz_Outer_Full



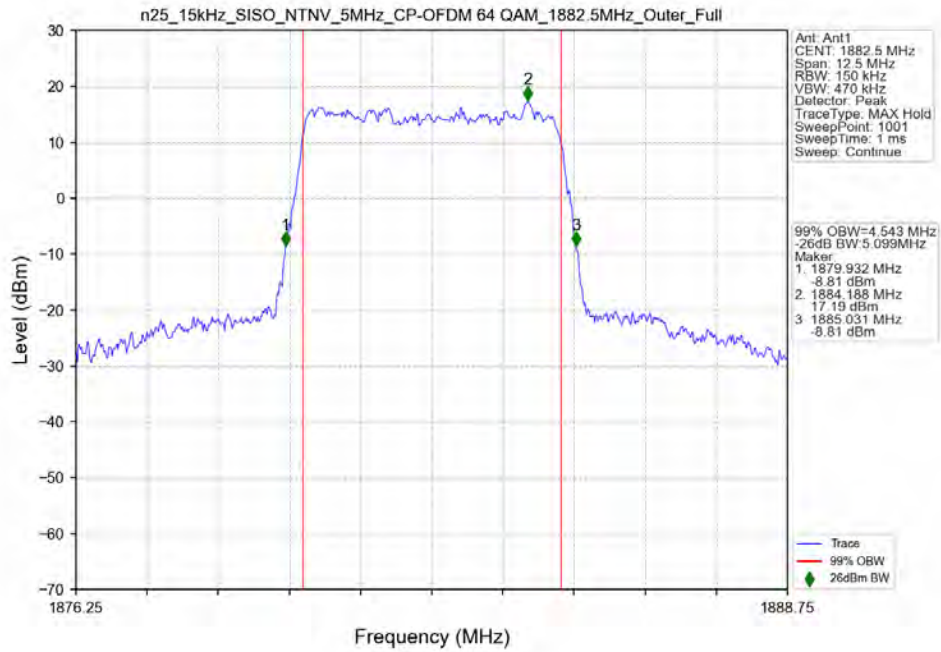
n25_15kHz_SISO_NTNV_5MHz_CP-OFDM 16 QAM 1912.5MHz_Outer_Full



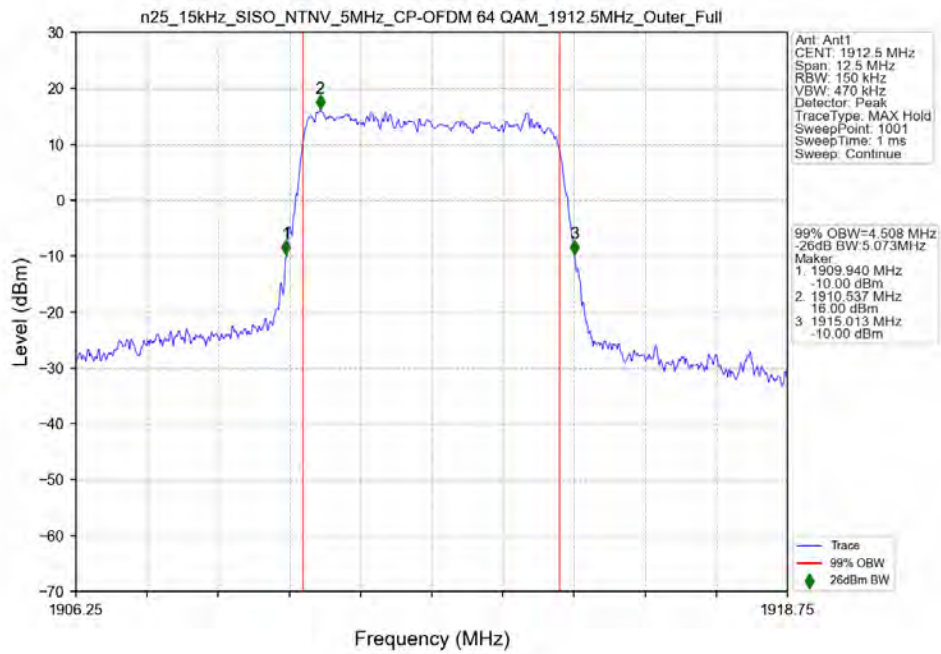
n25_15kHz_SISO_NTNV_5MHz_CP-OFDM 64 QAM 1852.5MHz_Outer_Full



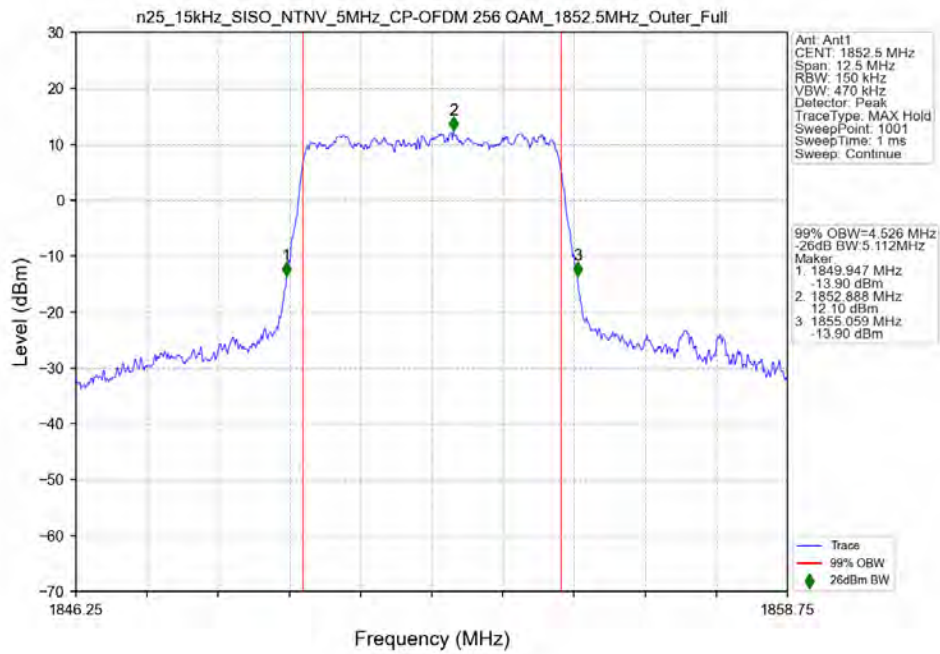
n25_15kHz_SISO_NTNV_5MHz_CP-OFDM 64 QAM 1882.5MHz_Outer_Full



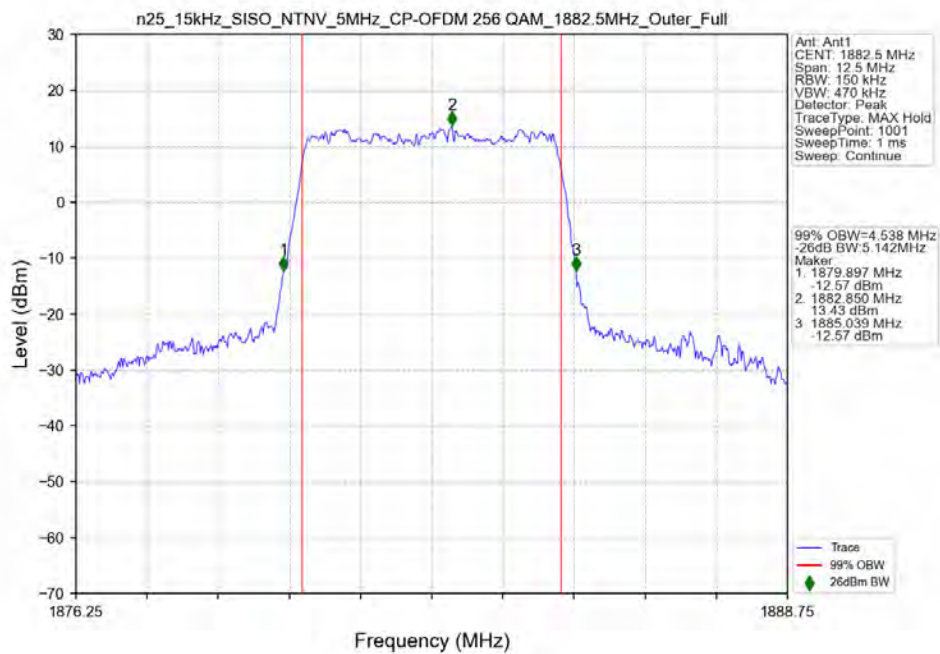
n25_15kHz_SISO_NTNV_5MHz_CP-OFDM 64 QAM 1912.5MHz_Outer_Full



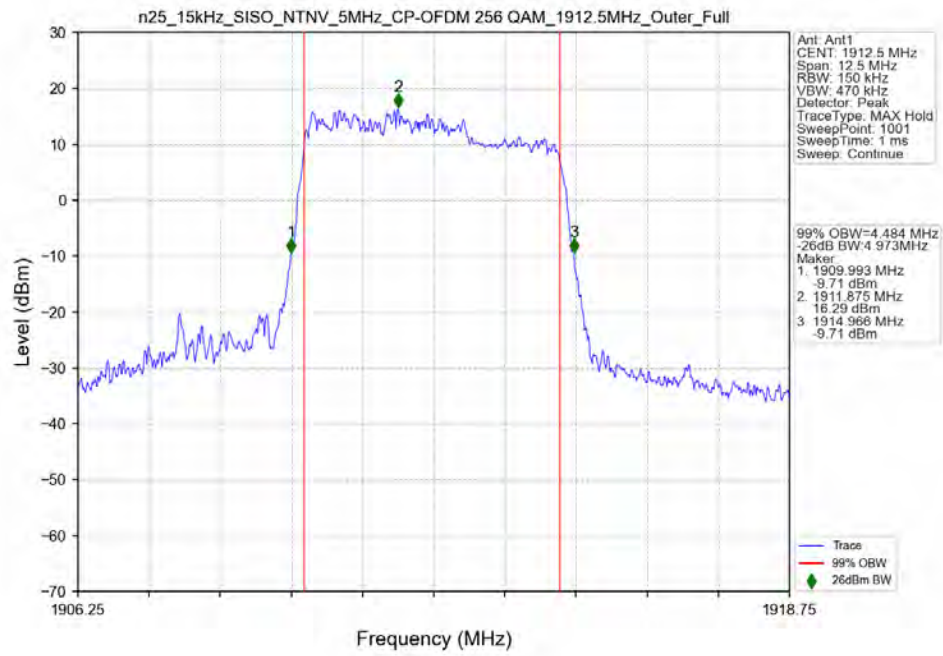
n25_15kHz_SISO_NTNV_5MHz_CP-OFDM 256 QAM 1852.5MHz_Outer_Full



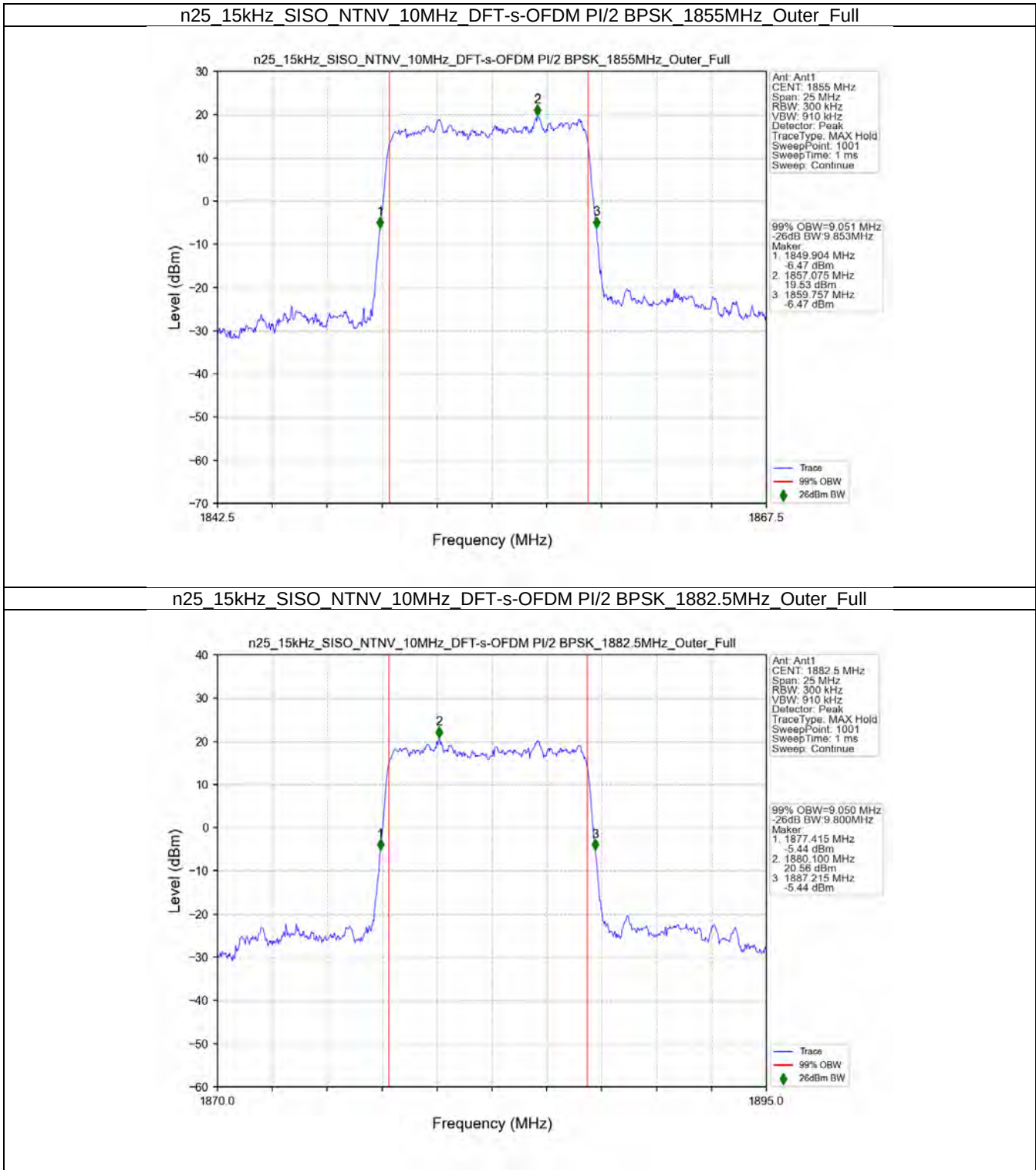
n25_15kHz_SISO_NTNV_5MHz_CP-OFDM 256 QAM 1882.5MHz_Outer_Full



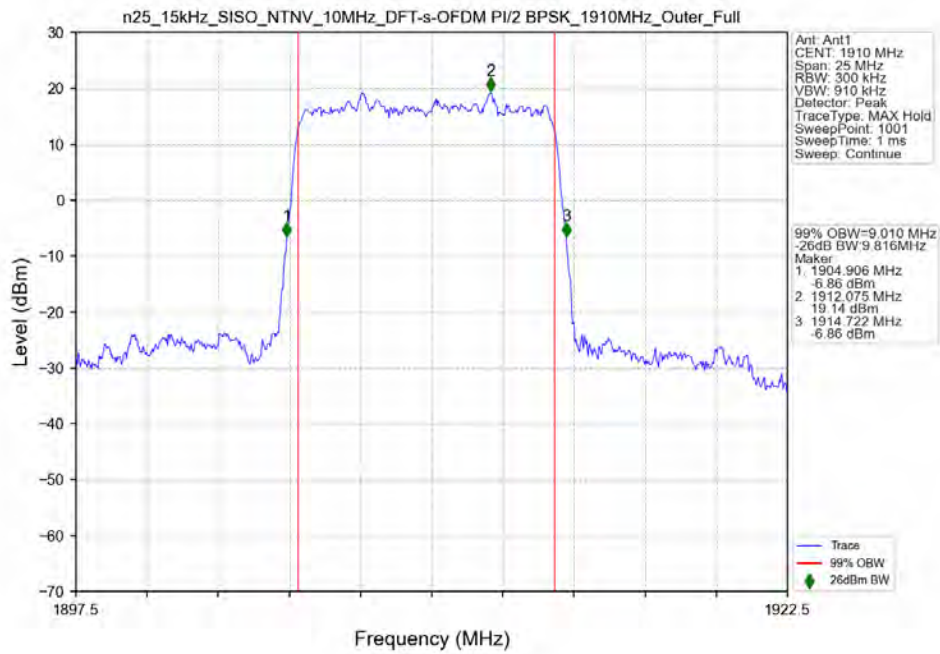
n25_15kHz_SISO_NTNV_5MHz_CP-OFDM 256 QAM 1912.5MHz_Outer_Full



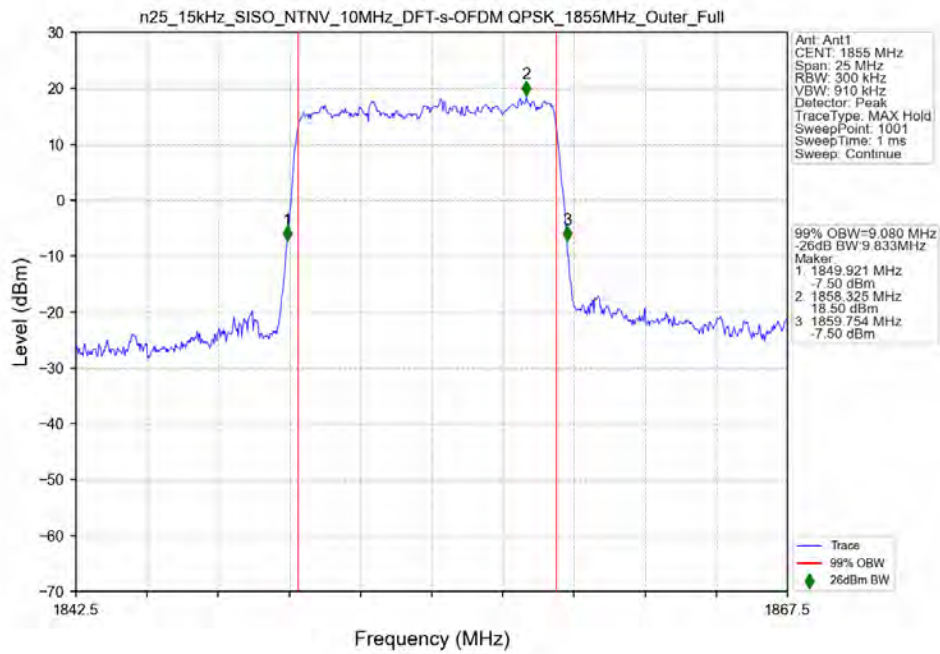
3.2.2 15k_SISO_10MHz_NTNV



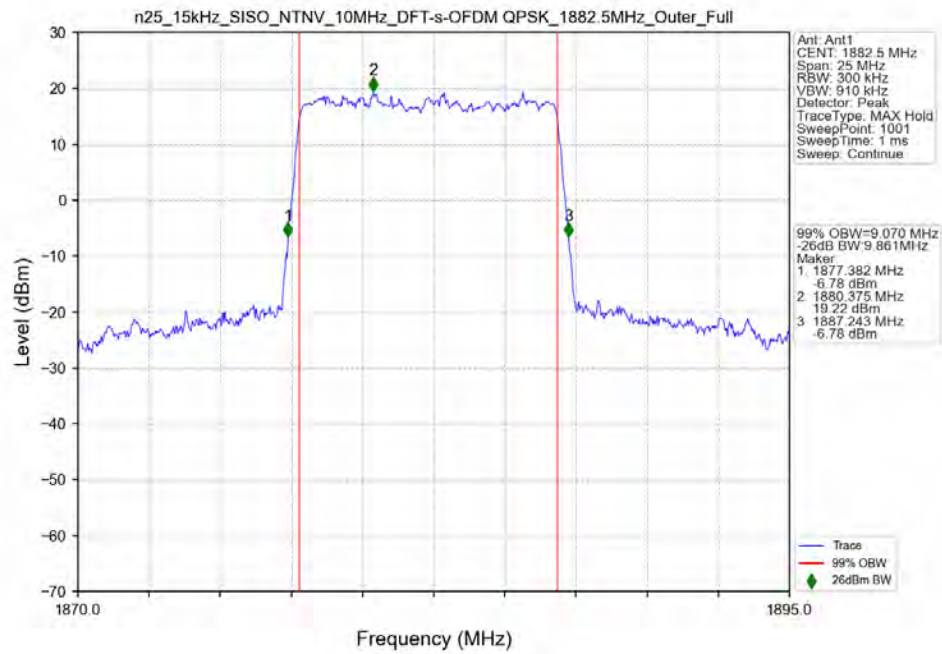
n25_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_1910MHz_Outer_Full



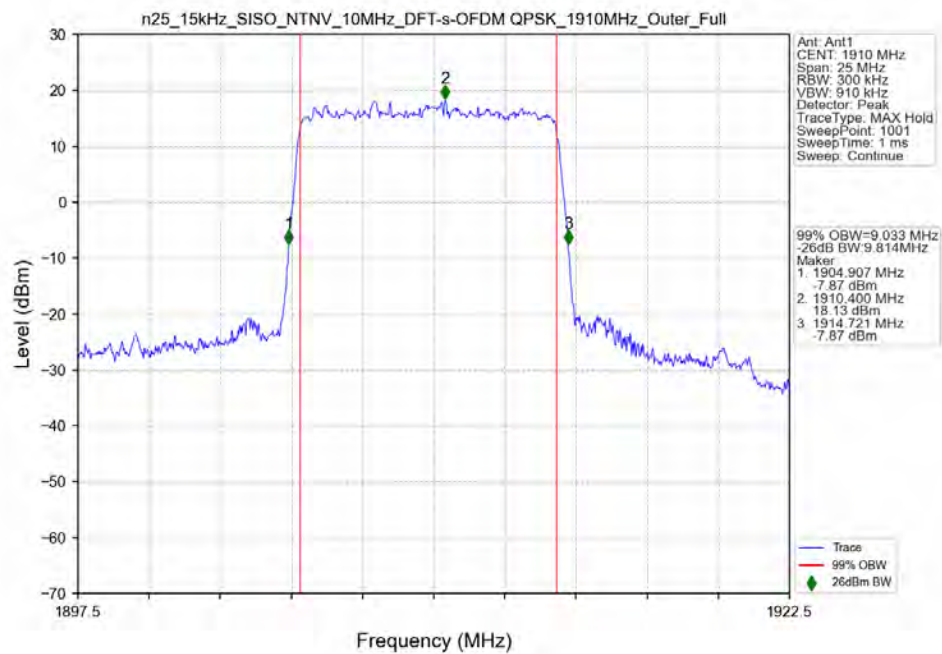
n25_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_1855MHz_Outer_Full



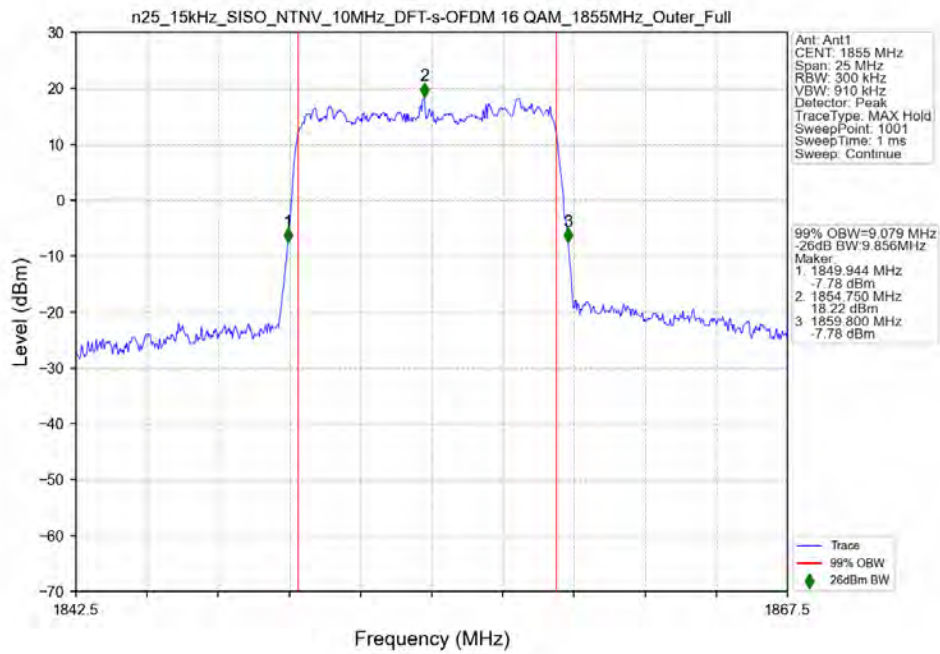
n25_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_1882.5MHz_Outer_Full



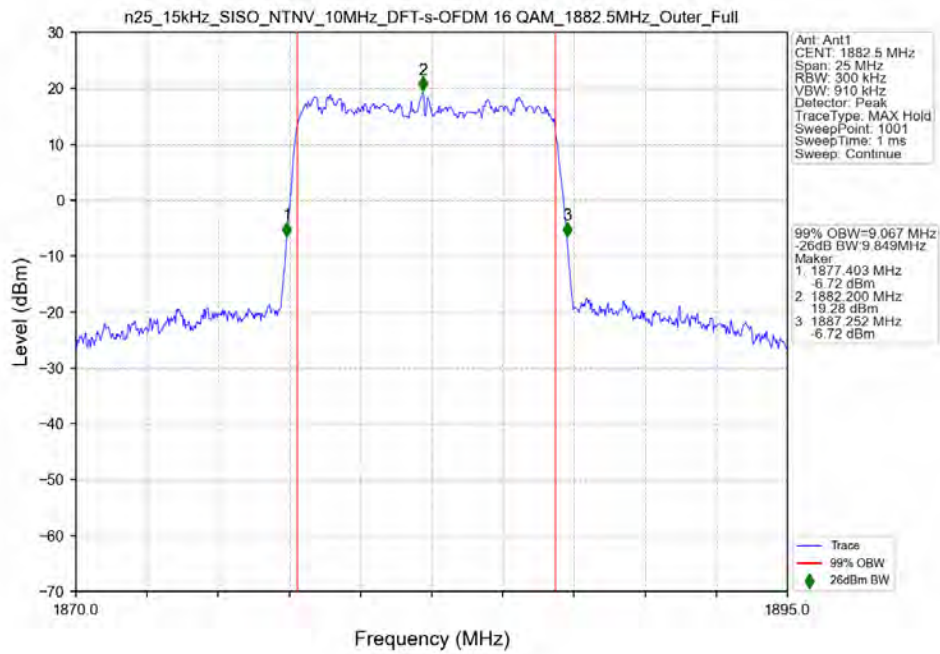
n25_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_1910MHz_Outer_Full



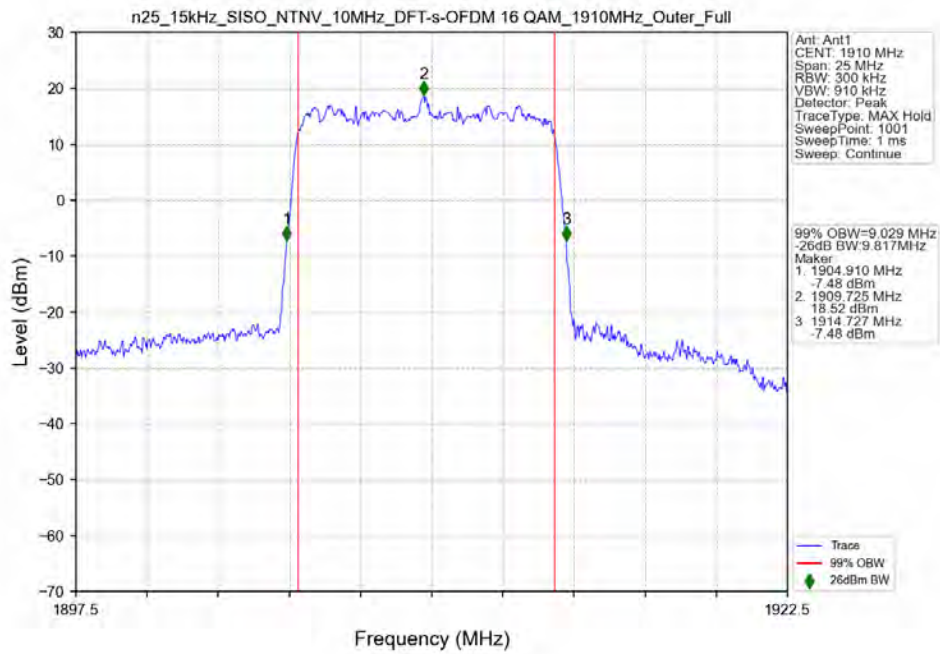
n25_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_16_QAM_1855MHz_Outer_Full



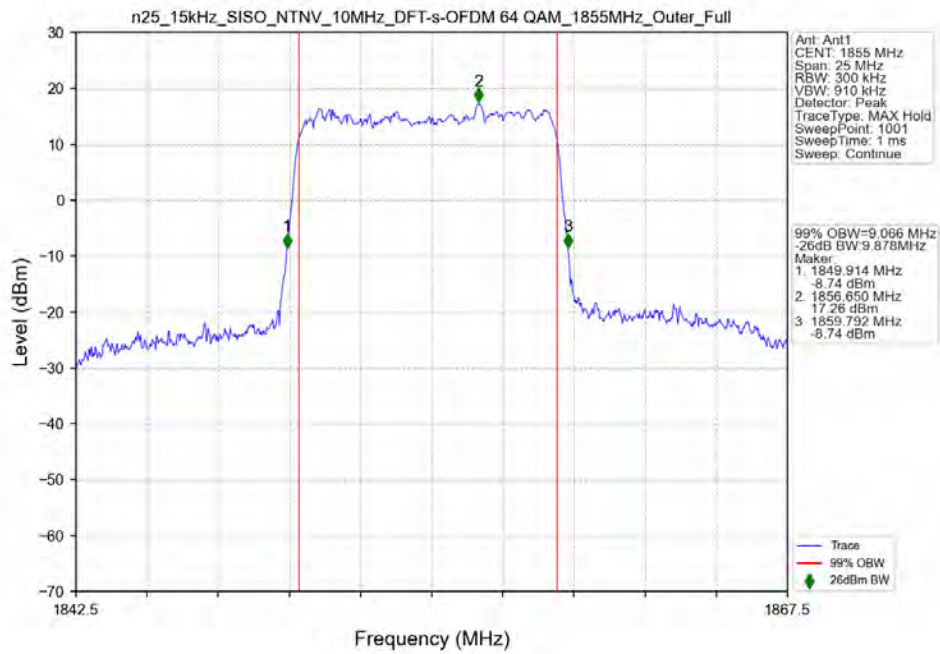
n25_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_16_QAM_1882.5MHz_Outer_Full



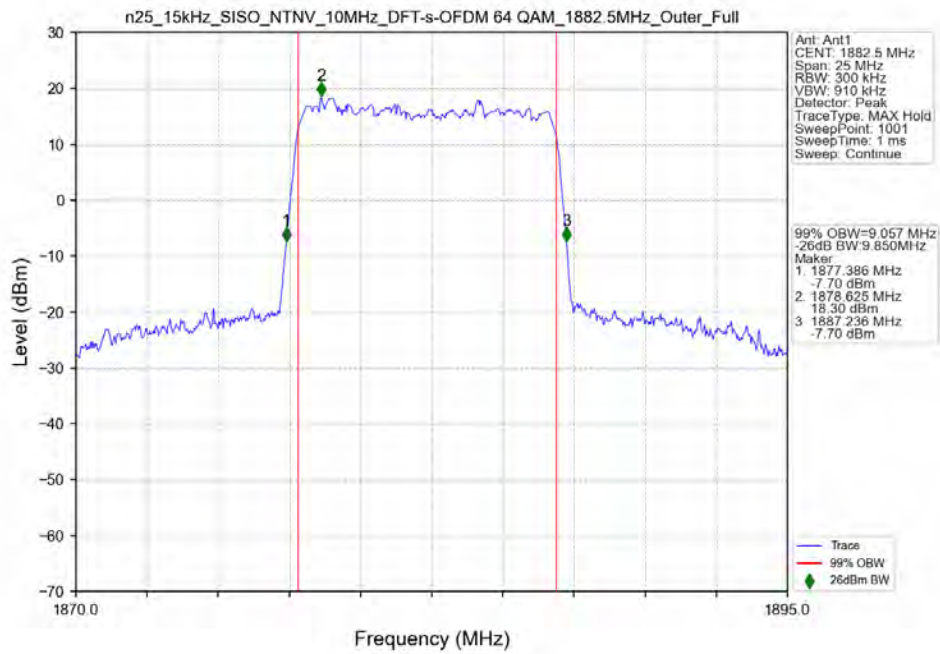
n25_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 16 QAM_1910MHz_Outer_Full



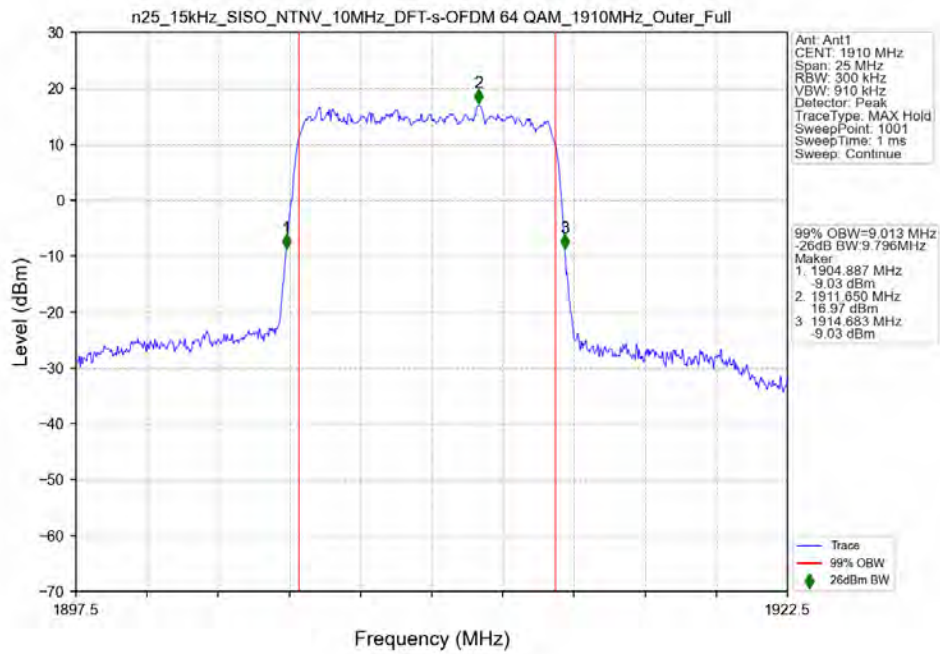
n25_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 64 QAM_1855MHz_Outer_Full



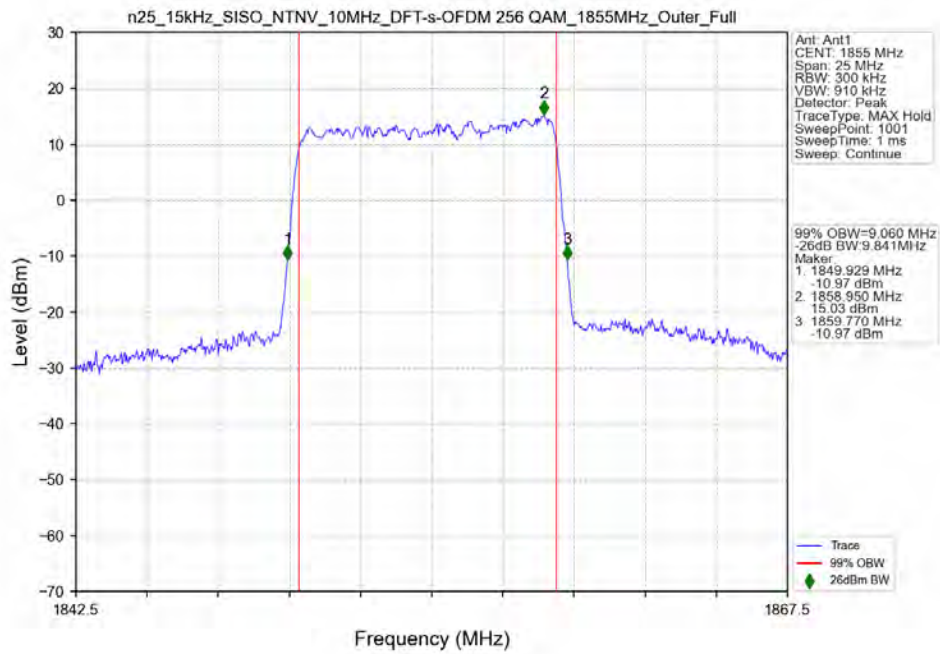
n25_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_64_QAM_1882.5MHz_Outer_Full



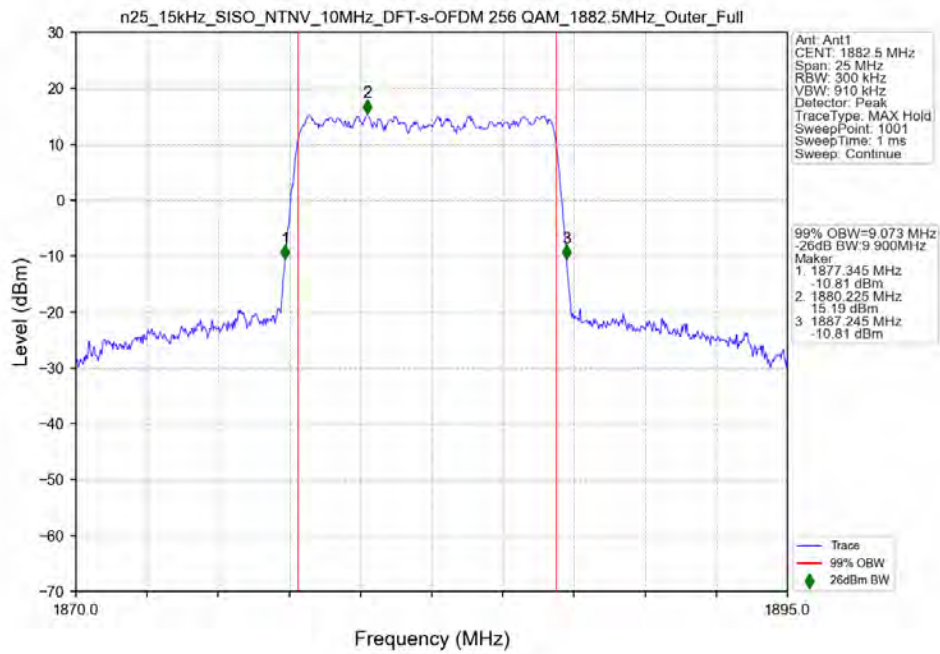
n25_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_64_QAM_1910MHz_Outer_Full



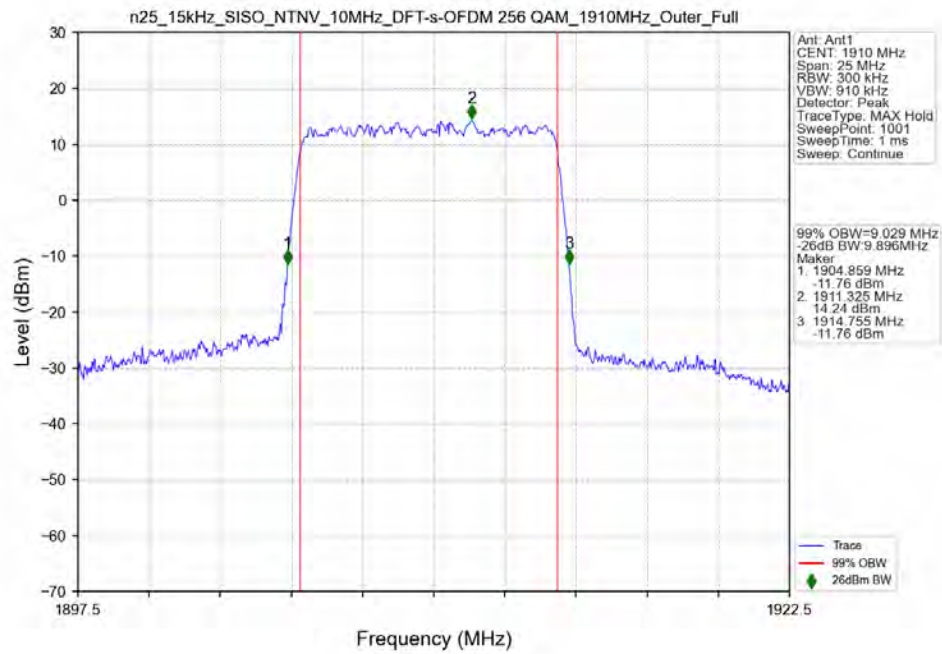
n25_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 256 QAM_1855MHz_Outer_Full



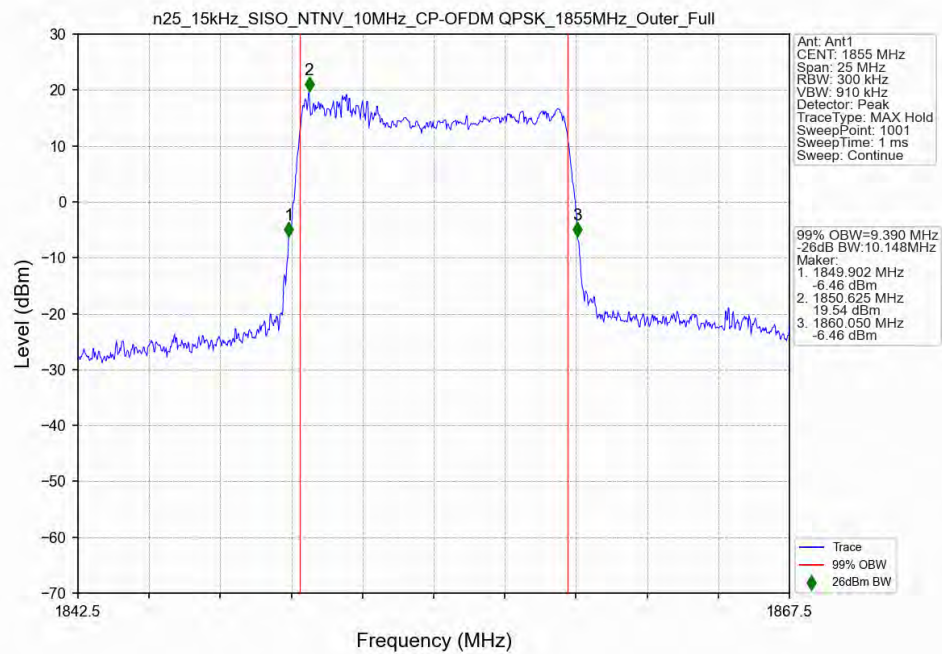
n25_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 256 QAM_1882.5MHz_Outer_Full



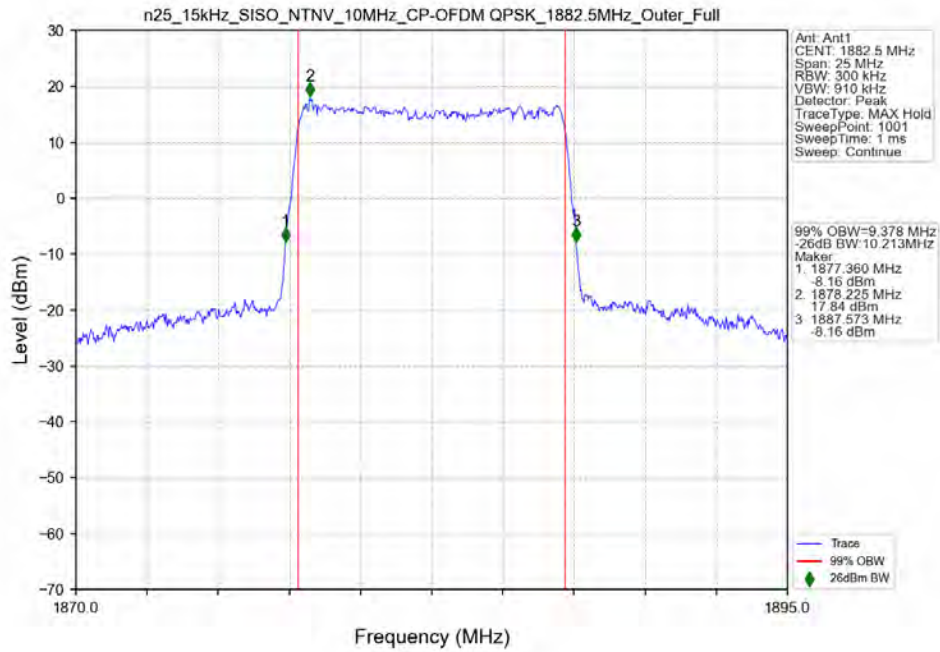
n25_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 256 QAM_1910MHz_Outer_Full



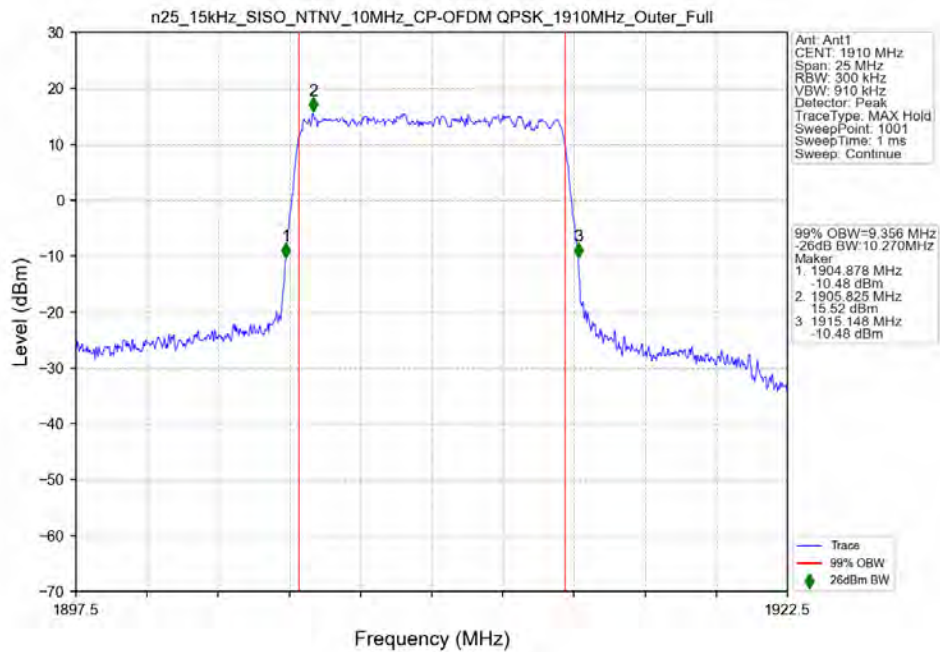
n25_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_1855MHz_Outer_Full



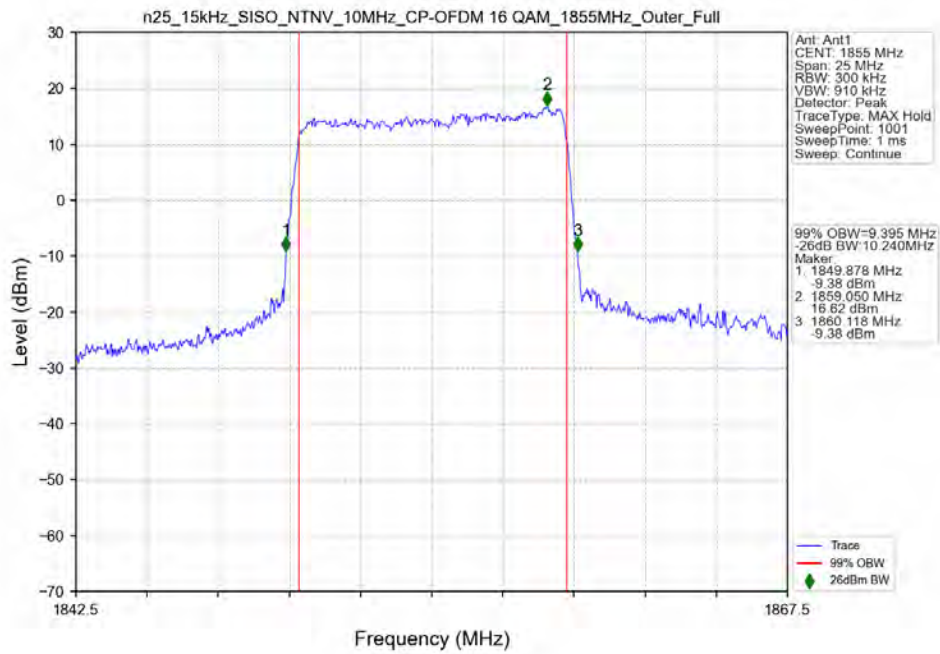
n25_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_1882.5MHz_Outer_Full



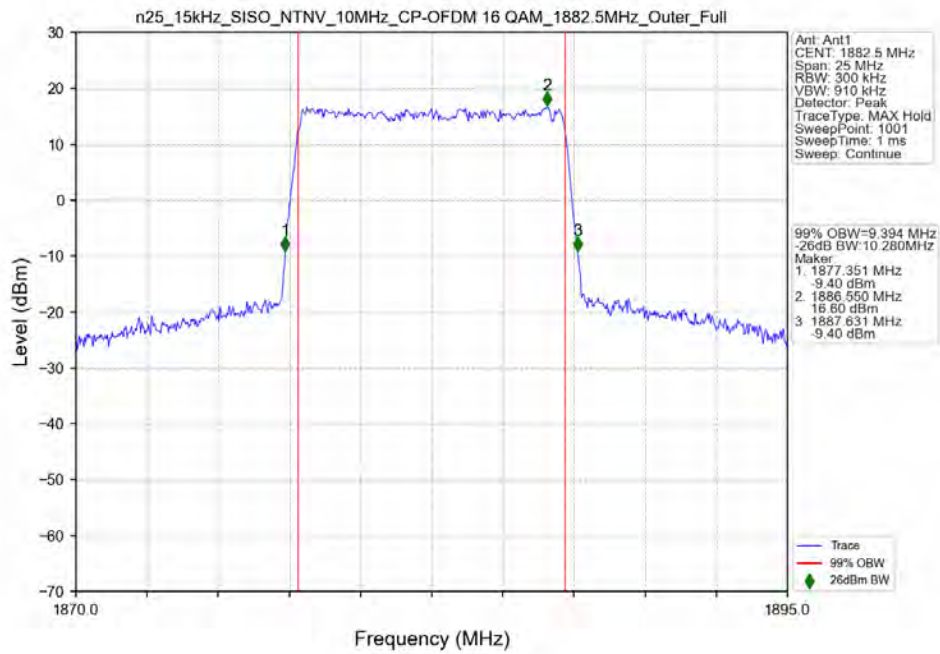
n25_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_1910MHz_Outer_Full



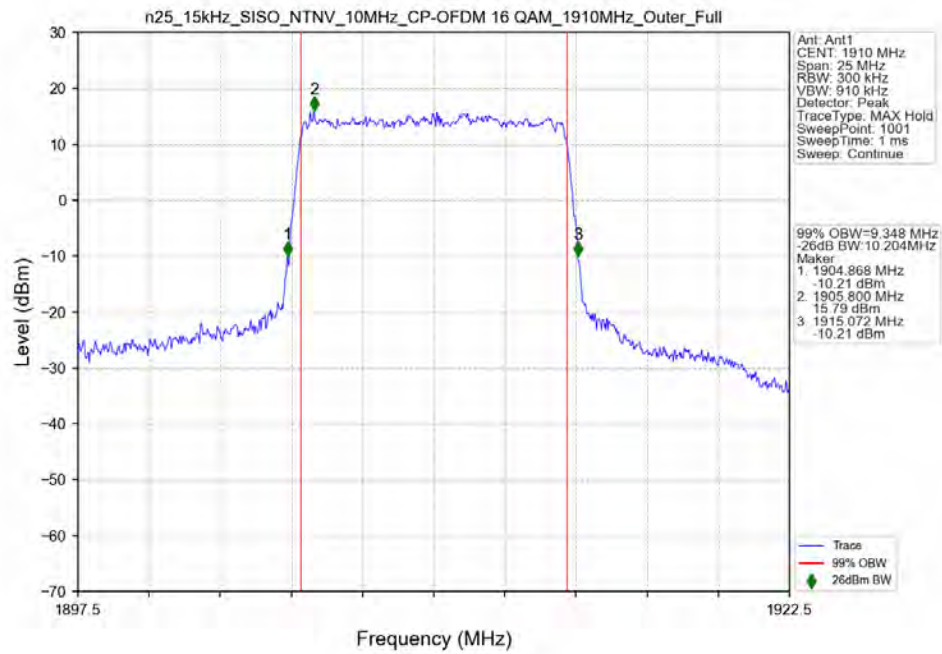
n25_15kHz_SISO_NTNV_10MHz_CP-OFDM 16 QAM 1855MHz_Outer_Full



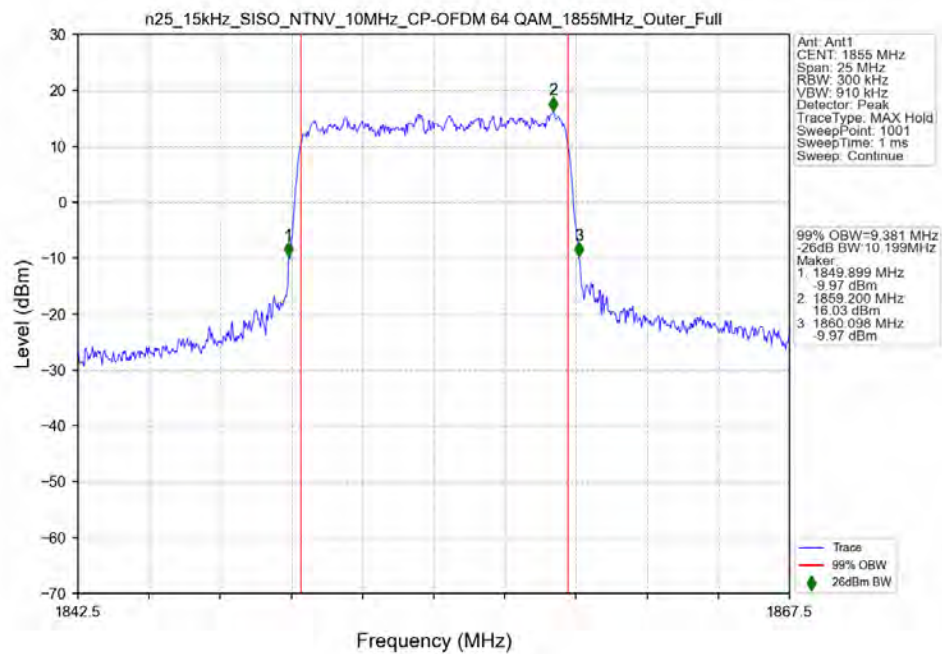
n25_15kHz_SISO_NTNV_10MHz_CP-OFDM 16 QAM 1882.5MHz_Outer_Full



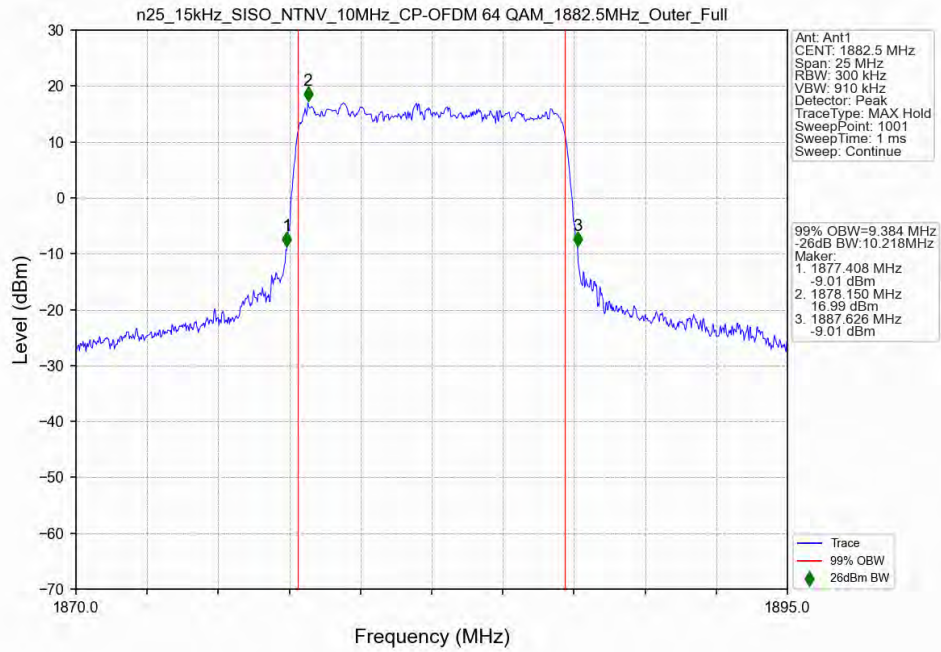
n25_15kHz_SISO_NTNV_10MHz_CP-OFDM 16 QAM_1910MHz_Outer_Full



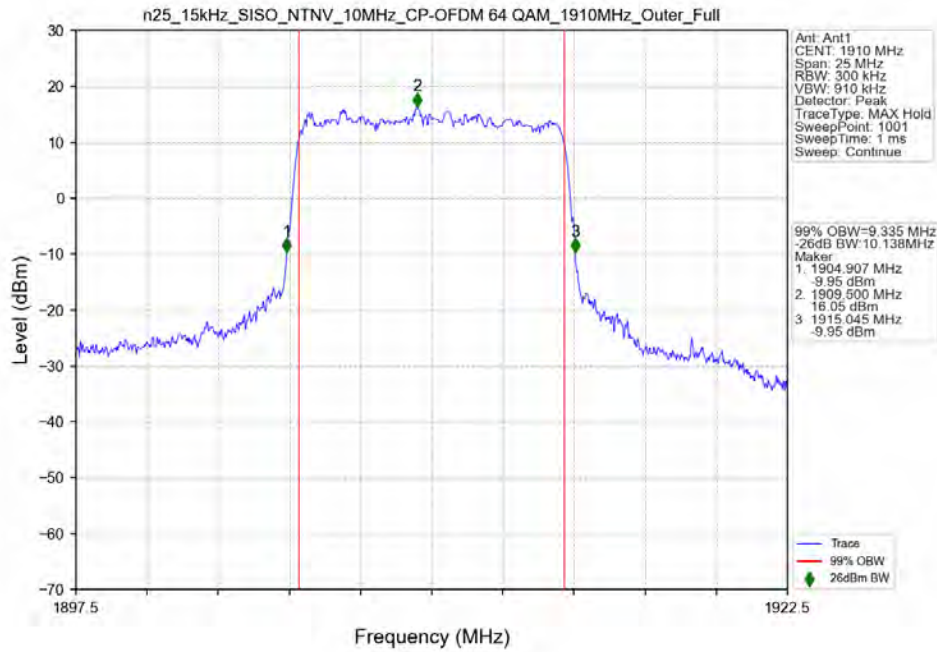
n25_15kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM_1855MHz_Outer_Full



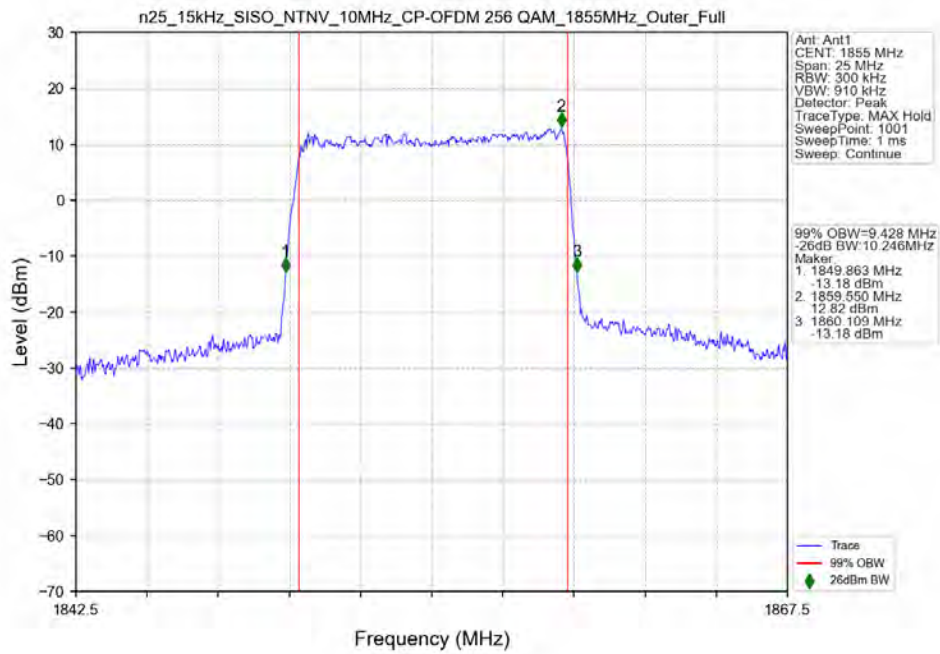
n25_15kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM 1882.5MHz_Outer_Full



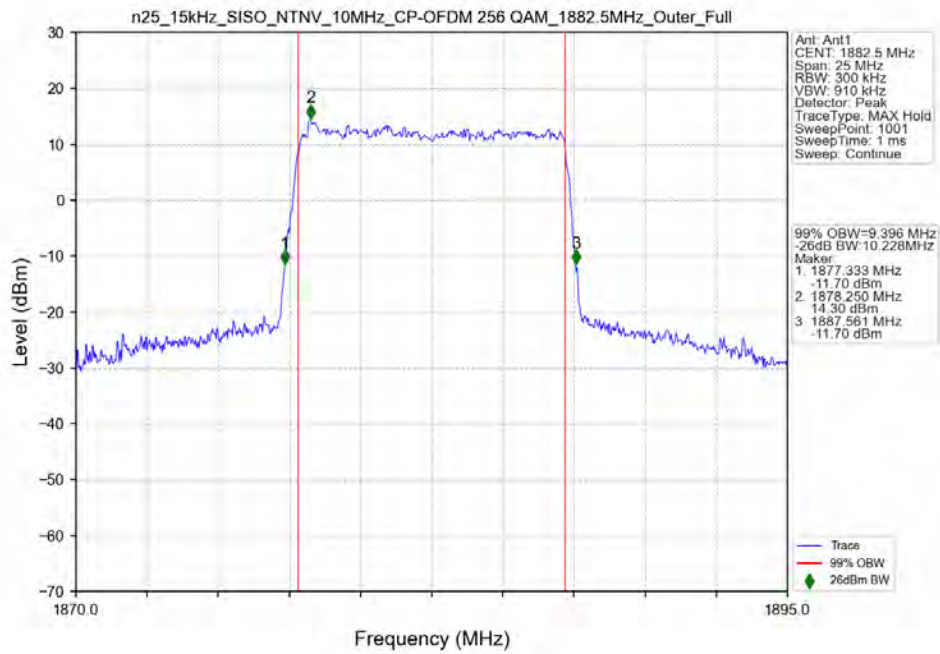
n25_15kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM 1910MHz_Outer_Full



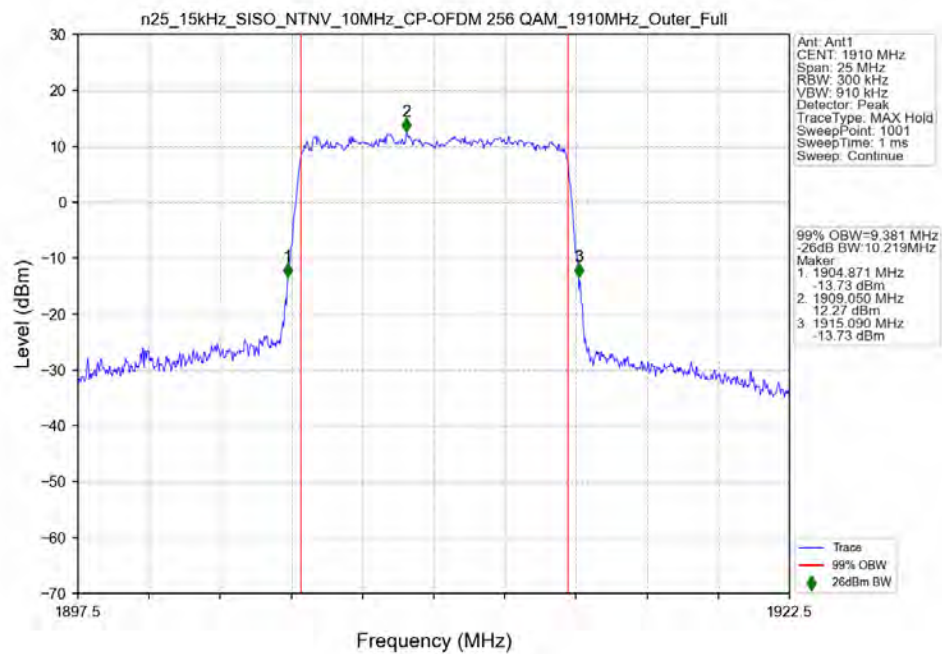
n25_15kHz_SISO_NTNV_10MHz_CP-OFDM 256 QAM 1855MHz_Outer_Full



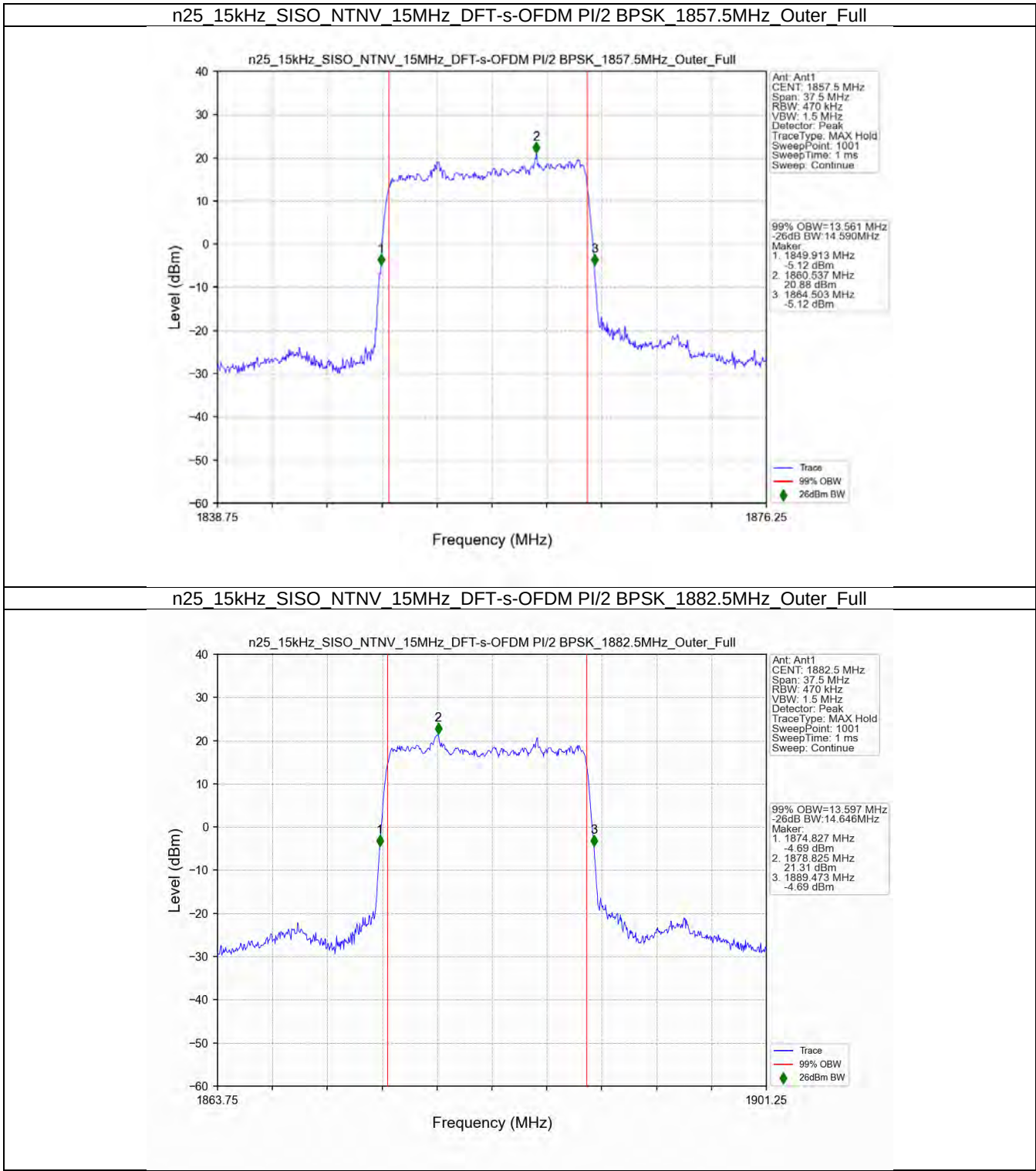
n25_15kHz_SISO_NTNV_10MHz_CP-OFDM 256 QAM 1882.5MHz_Outer_Full



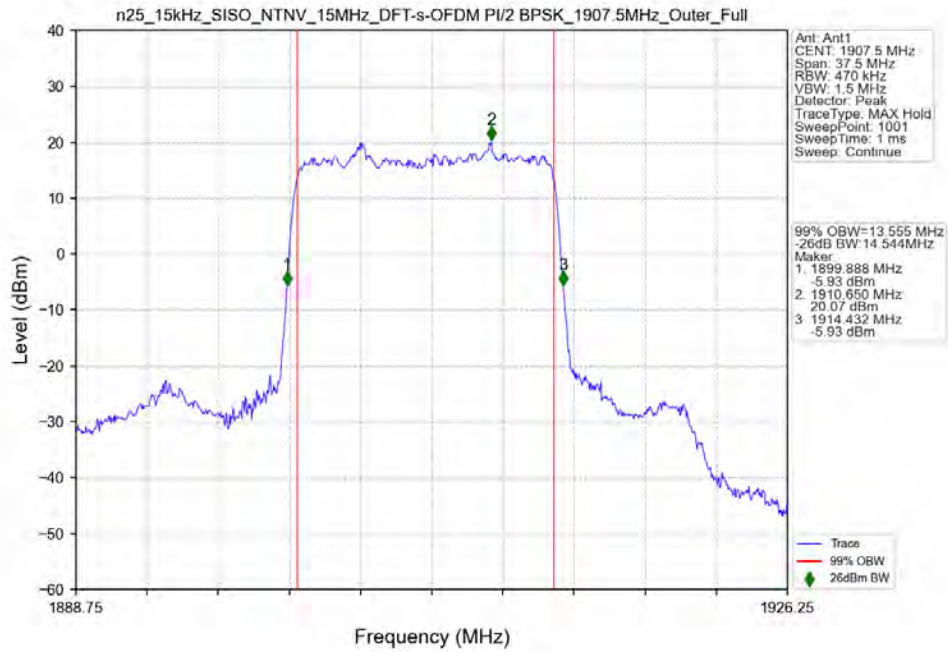
n25_15kHz_SISO_NTNV_10MHz_CP-OFDM 256 QAM 1910MHz_Outer_Full



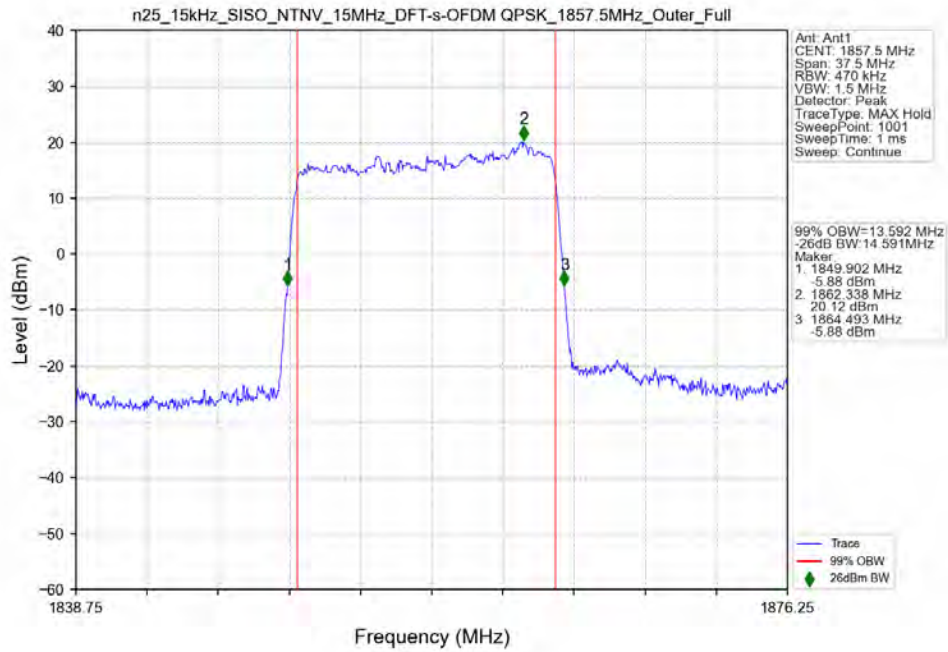
3.2.3 15k_SISO_15MHz_NTNV



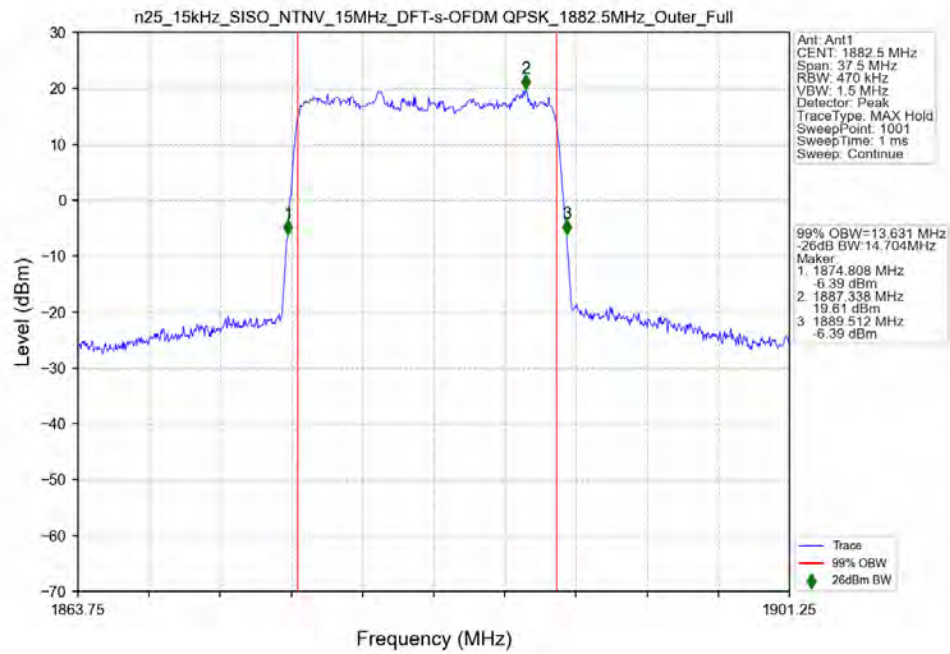
n25_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_1907.5MHz_Outer_Full



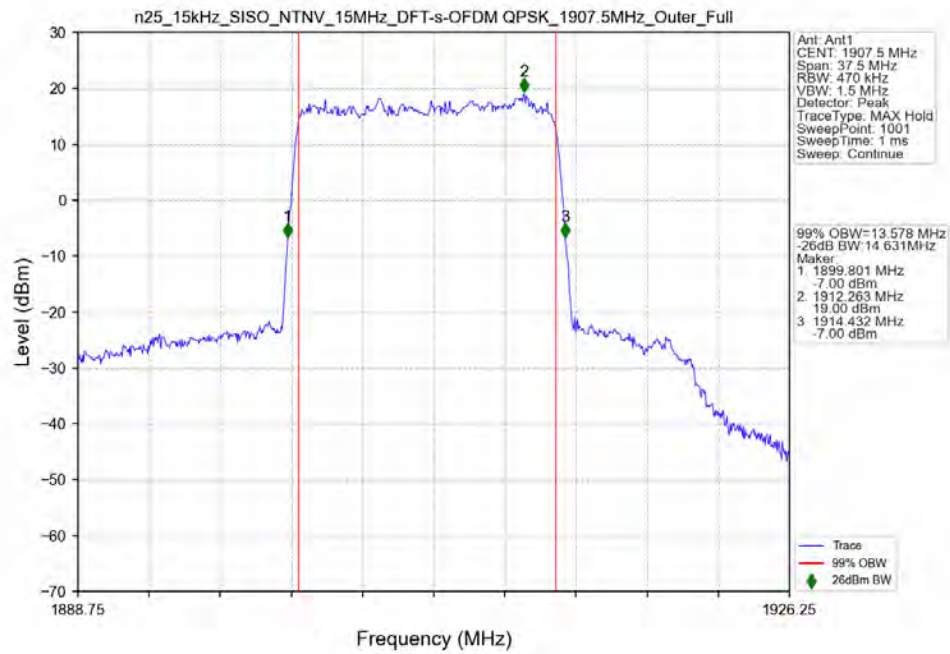
n25_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_1857.5MHz_Outer_Full



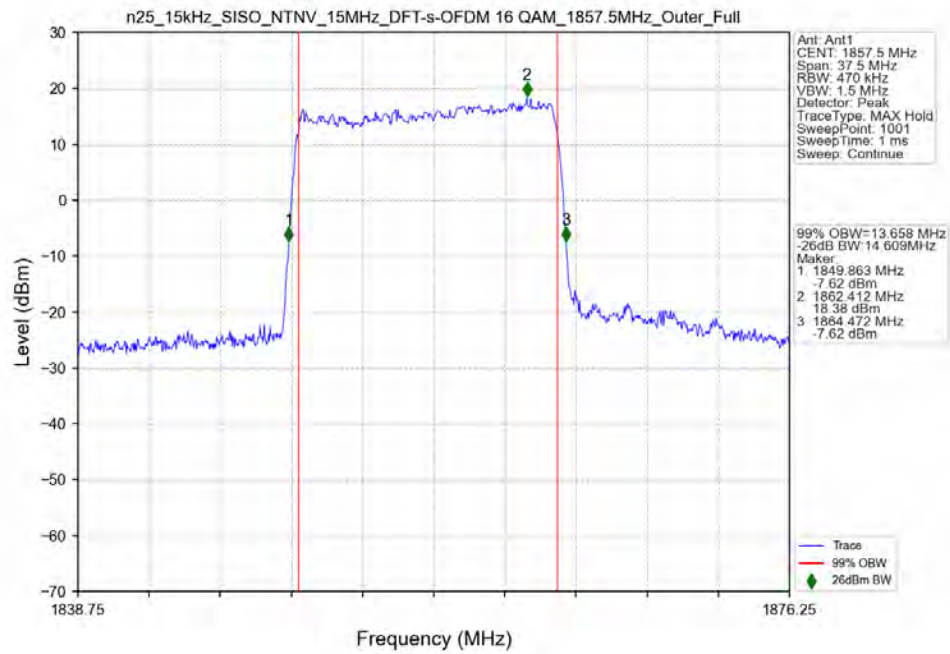
n25_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_1882.5MHz_Outer_Full



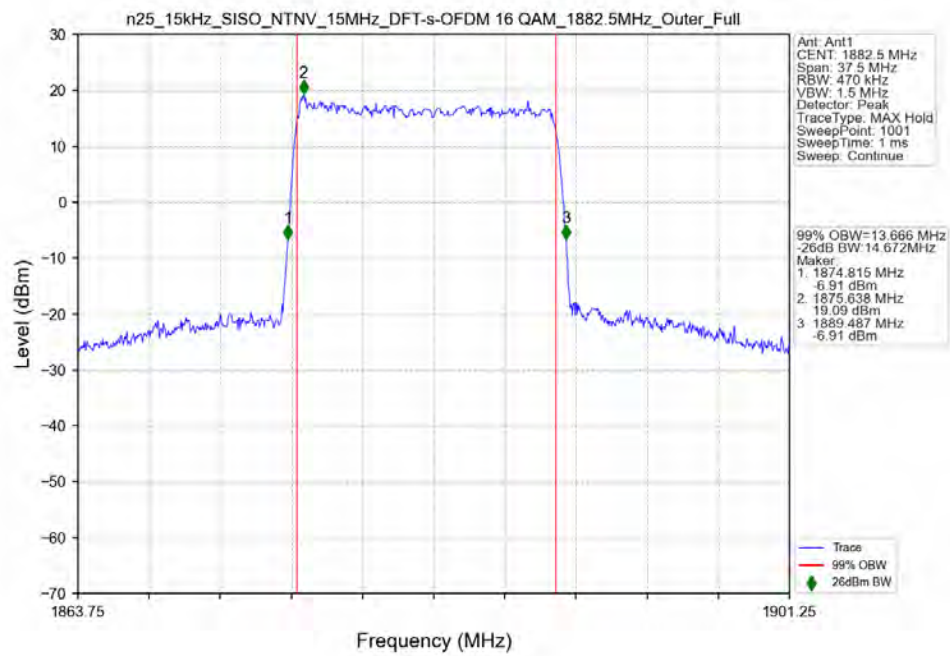
n25_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_1907.5MHz_Outer_Full



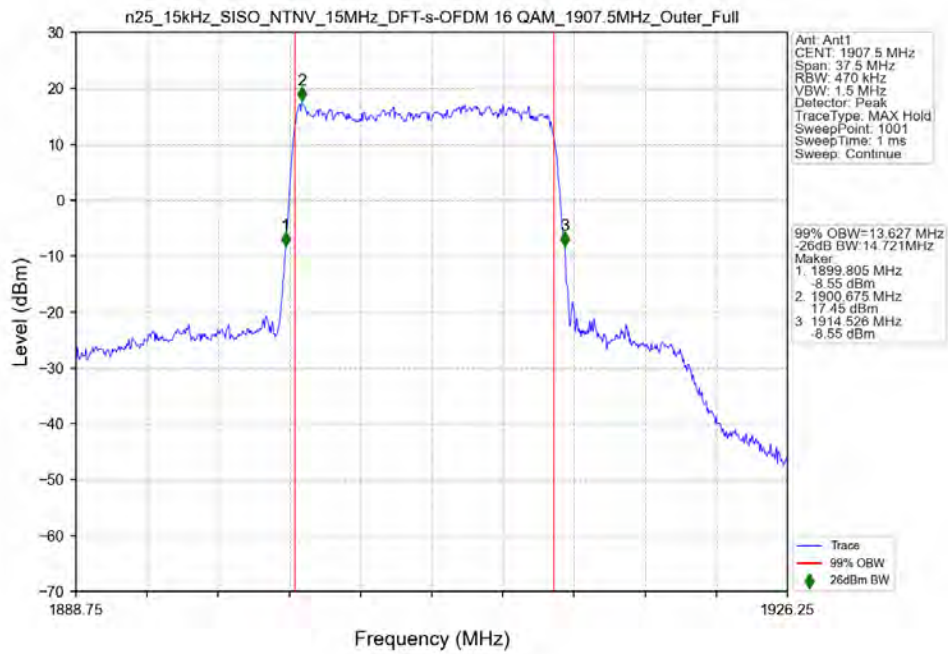
n25_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_16_QAM_1857.5MHz_Outer_Full



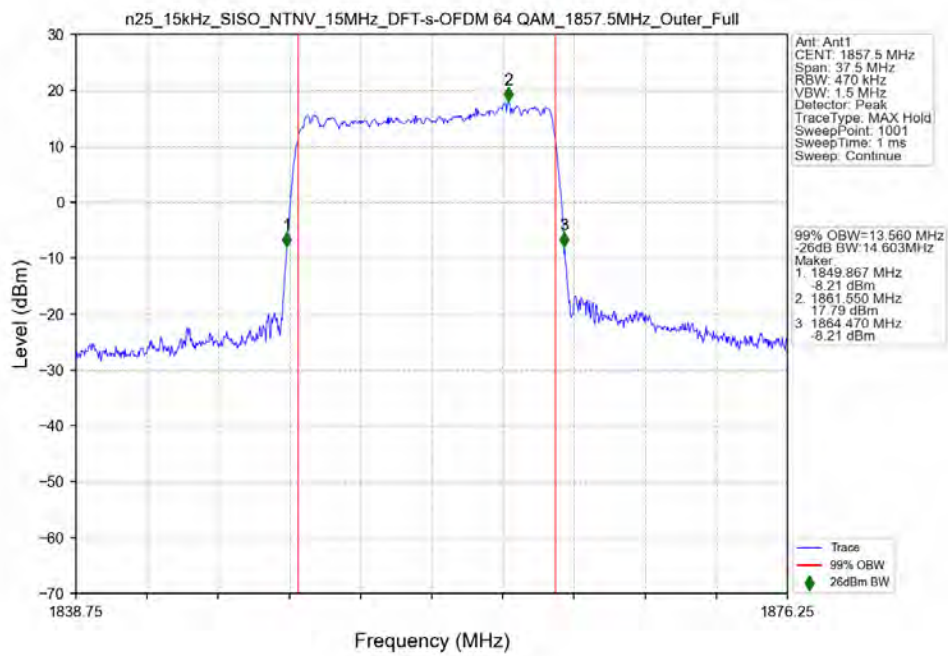
n25_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_16_QAM_1882.5MHz_Outer_Full



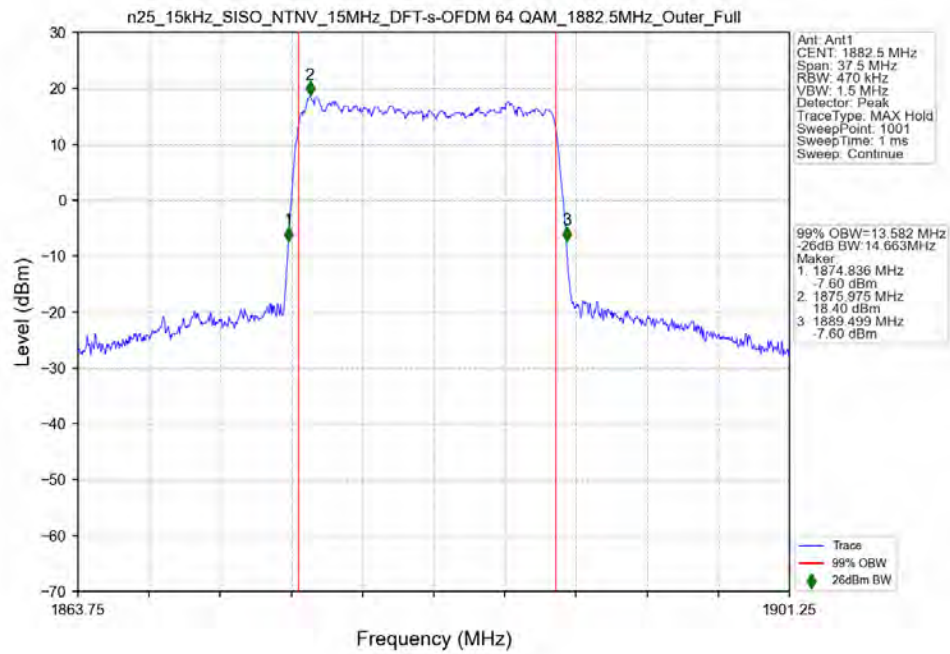
n25_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 16 QAM 1907.5MHz_Outer_Full



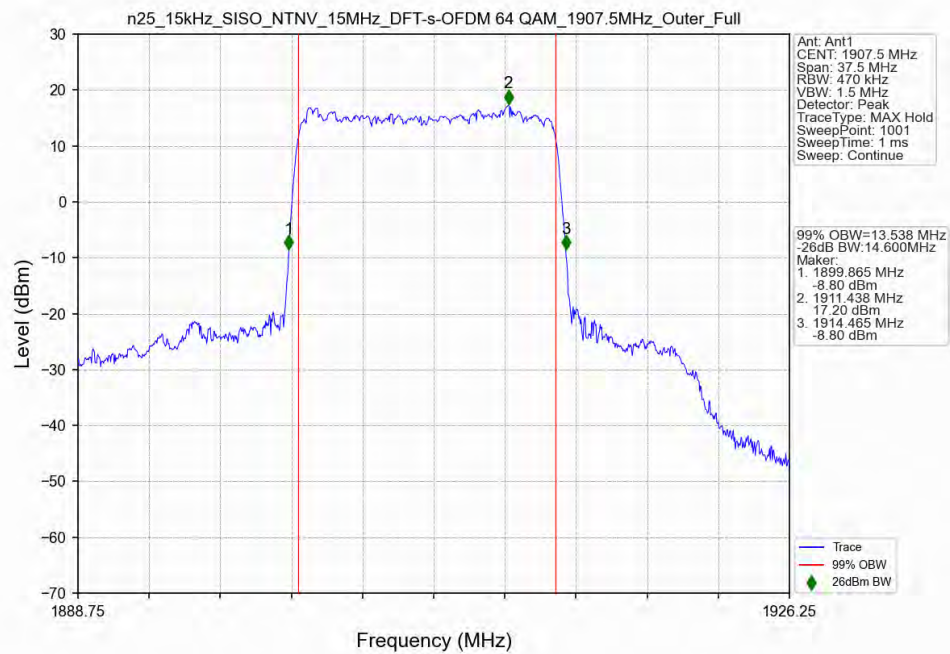
n25_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 64 QAM 1857.5MHz_Outer_Full



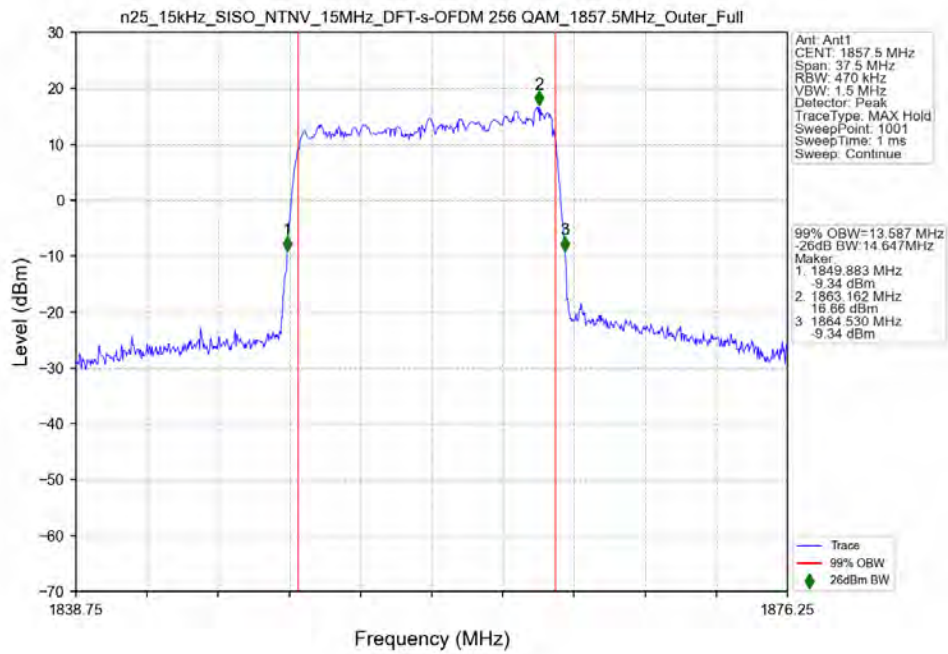
n25_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_64_QAM_1882.5MHz_Outer_Full



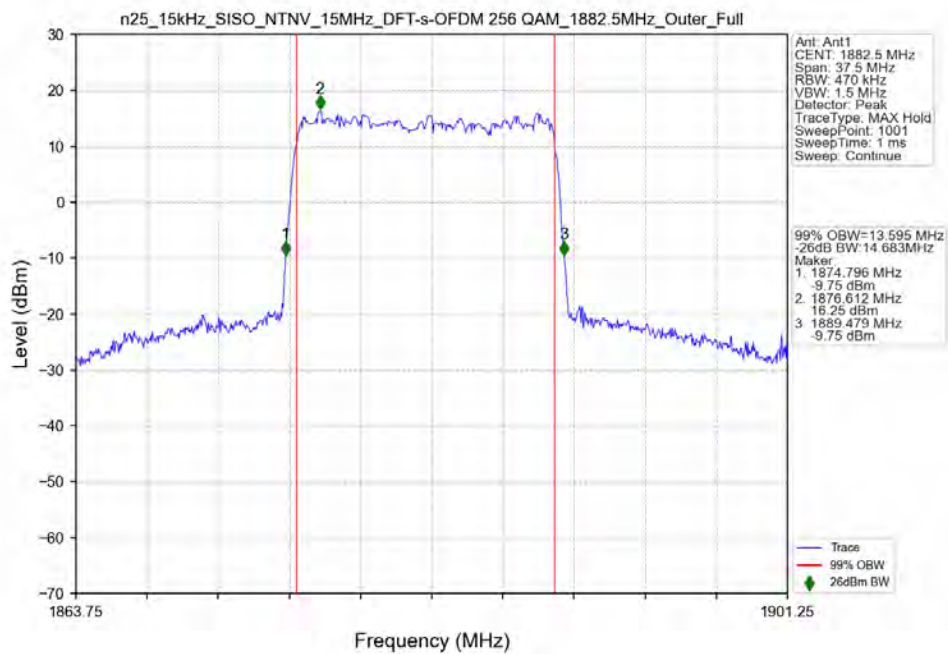
n25_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_64_QAM_1907.5MHz_Outer_Full



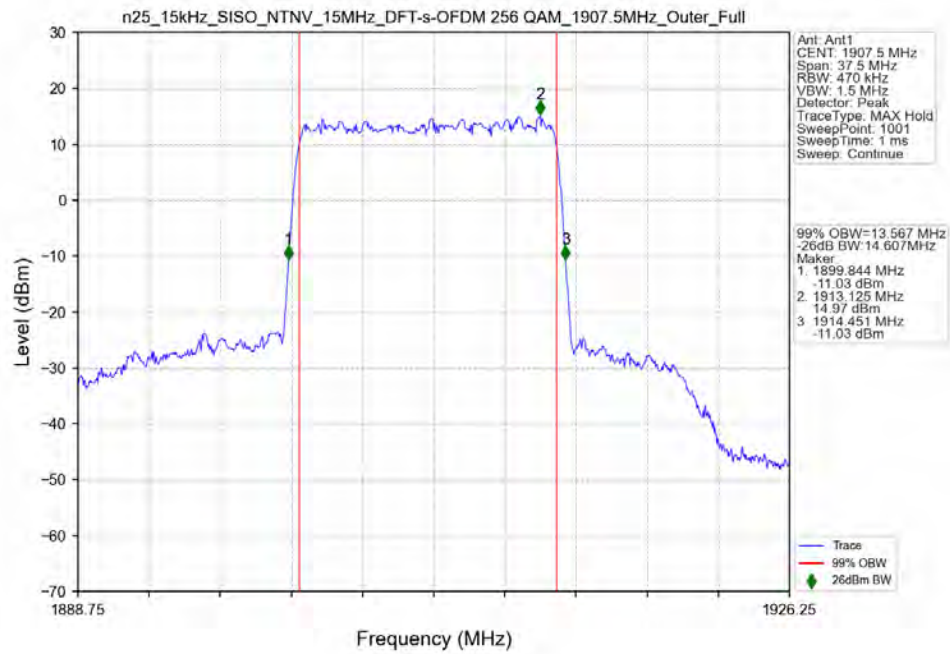
n25_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_256_QAM_1857.5MHz_Outer_Full



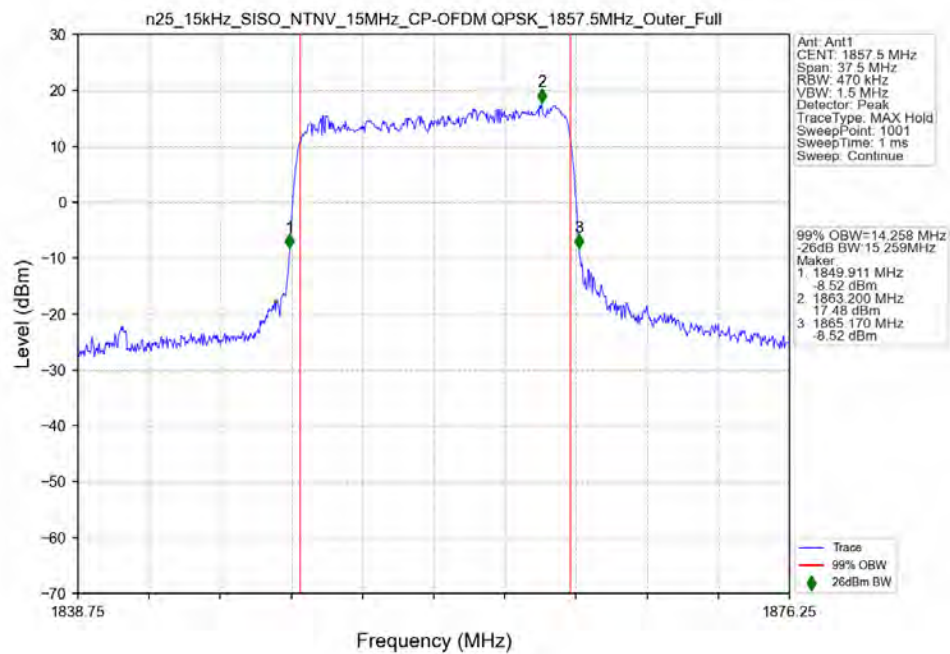
n25_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_256_QAM_1882.5MHz_Outer_Full



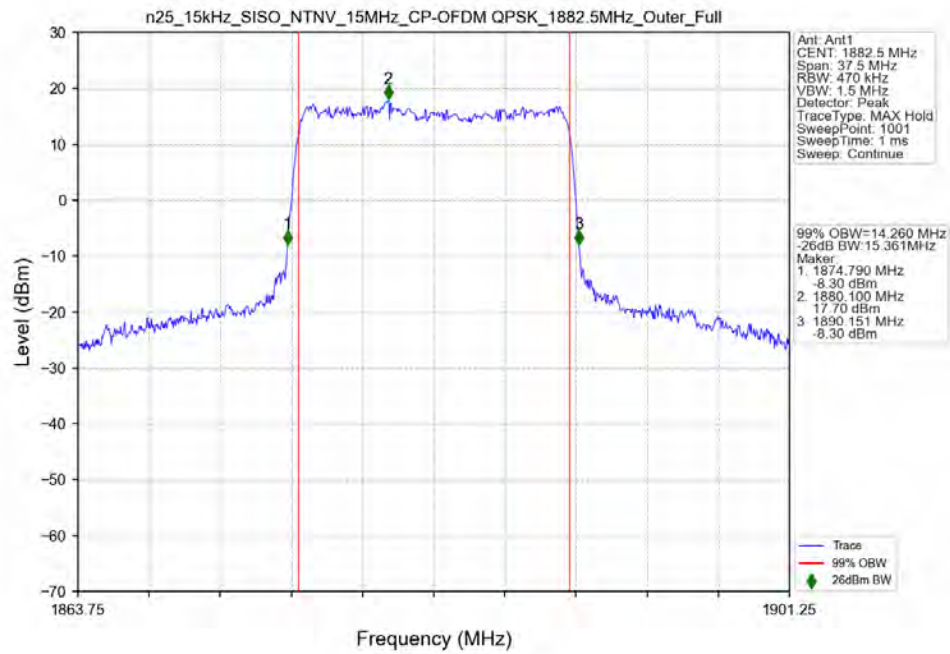
n25_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_256_QAM_1907.5MHz_Outer_Full



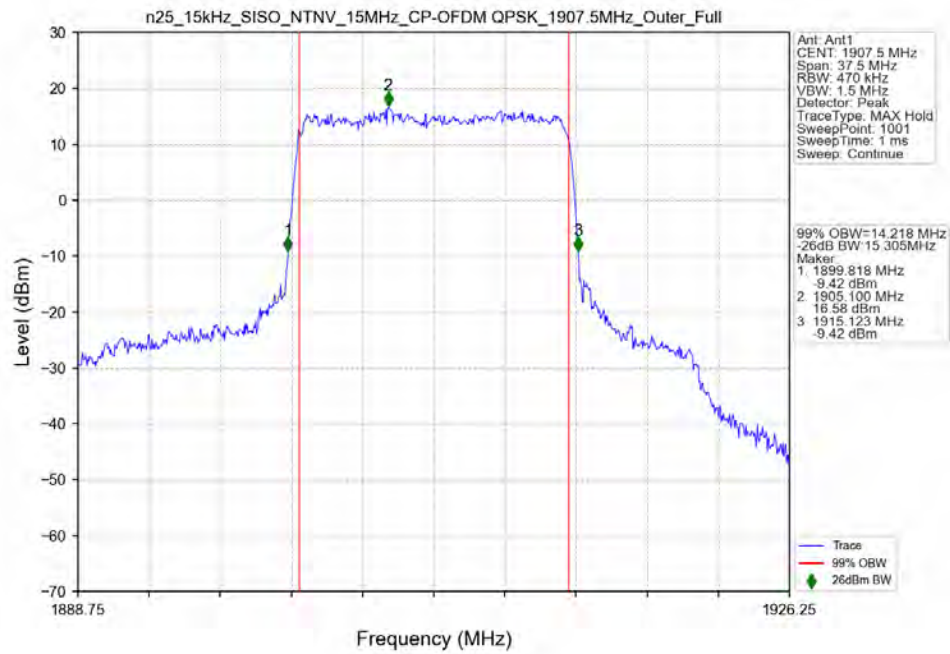
n25_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_1857.5MHz_Outer_Full



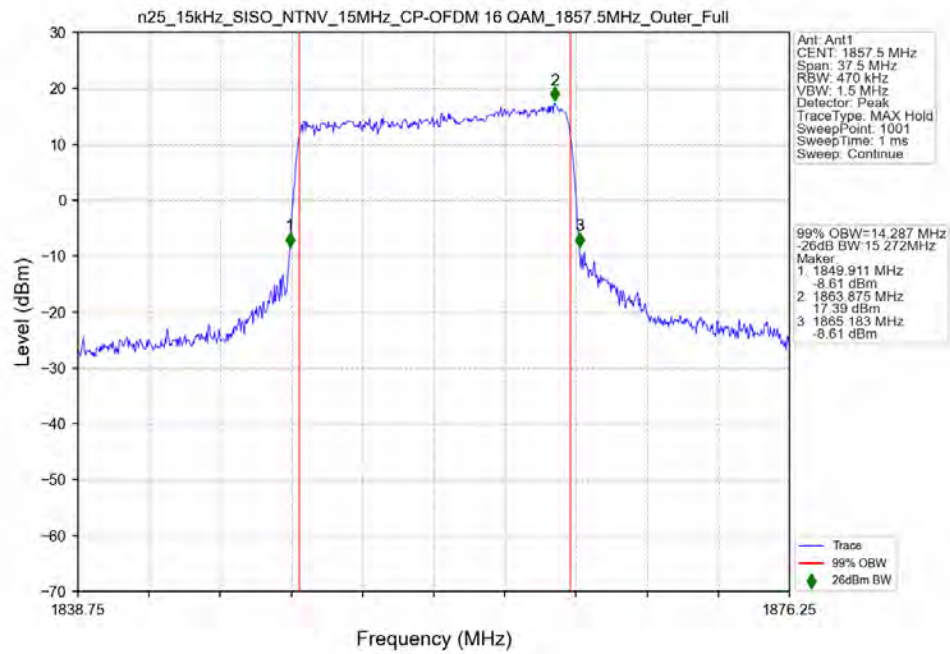
n25_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_1882.5MHz_Outer_Full



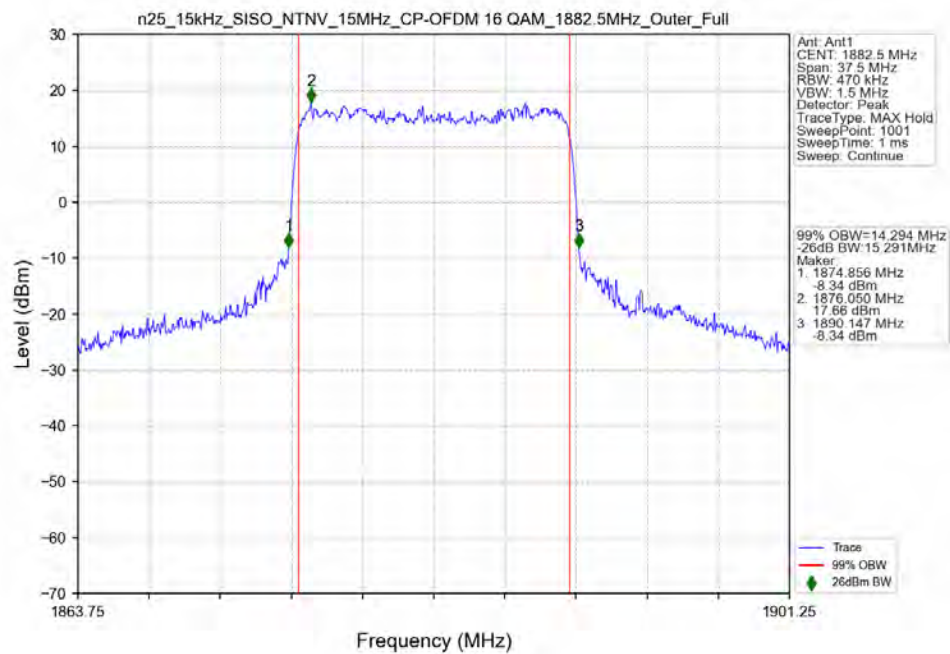
n25_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_1907.5MHz_Outer_Full



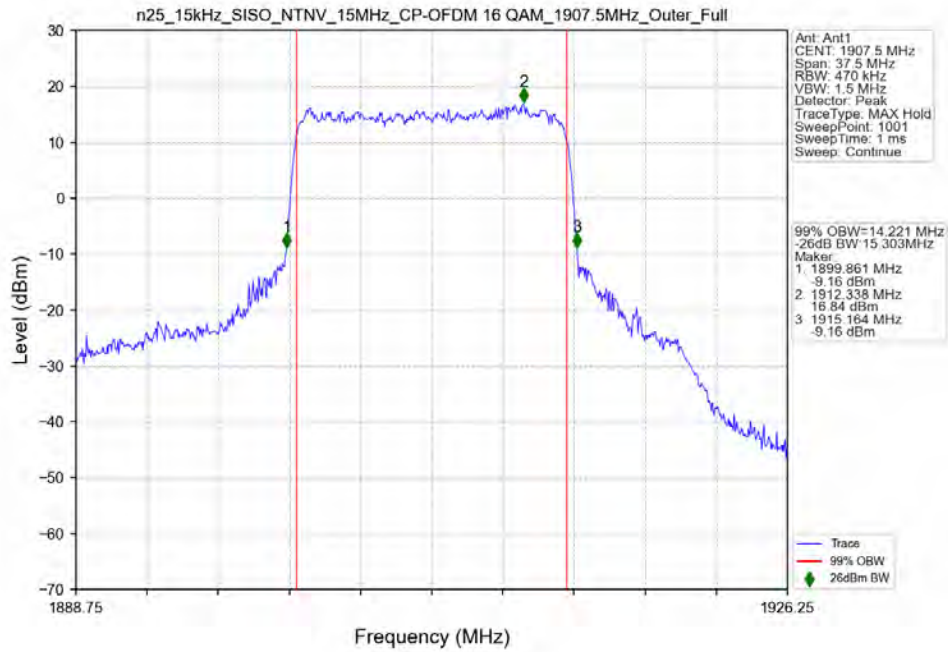
n25_15kHz_SISO_NTNV_15MHz_CP-OFDM 16 QAM 1857.5MHz_Outer_Full



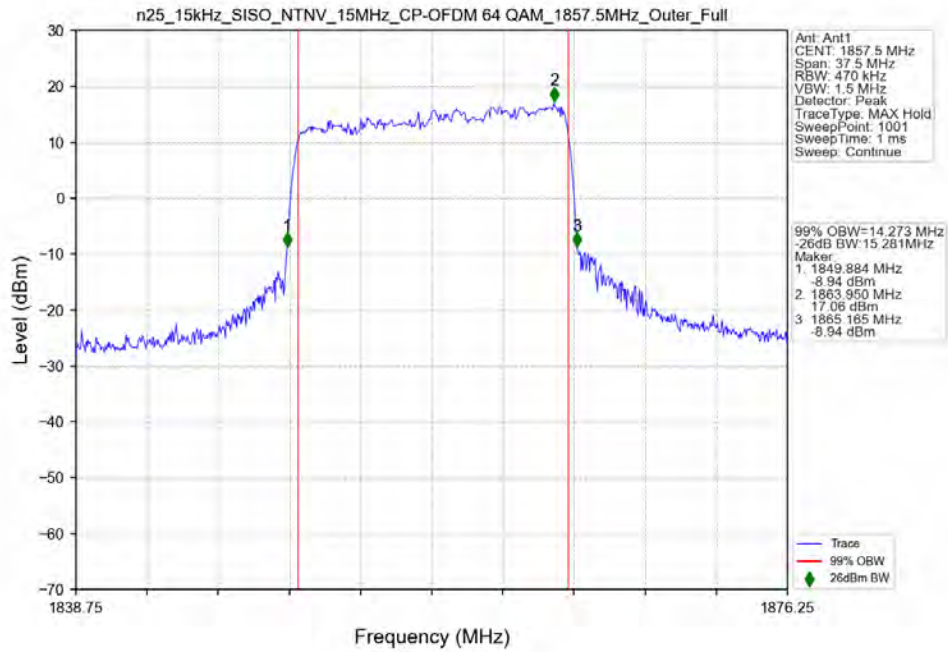
n25_15kHz_SISO_NTNV_15MHz_CP-OFDM 16 QAM 1882.5MHz_Outer_Full



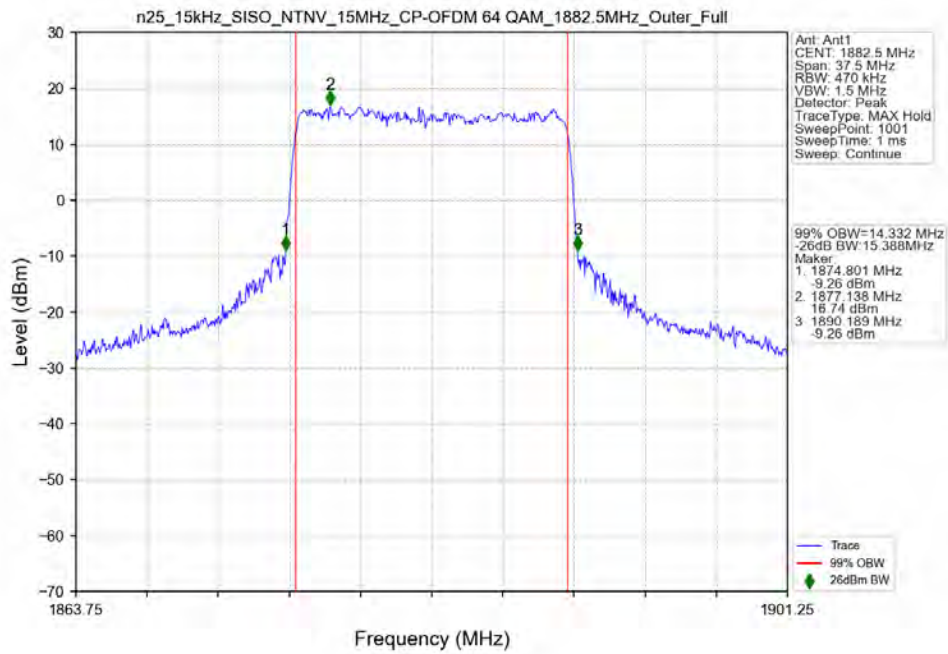
n25_15kHz_SISO_NTNV_15MHz_CP-OFDM 16 QAM 1907.5MHz_Outer_Full



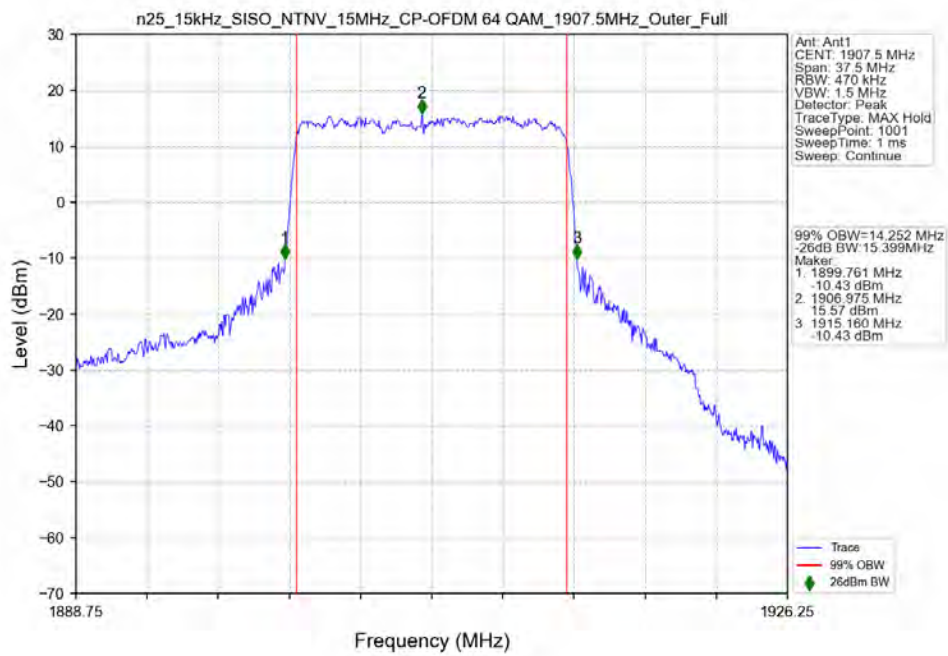
n25_15kHz_SISO_NTNV_15MHz_CP-OFDM 64 QAM 1857.5MHz_Outer_Full



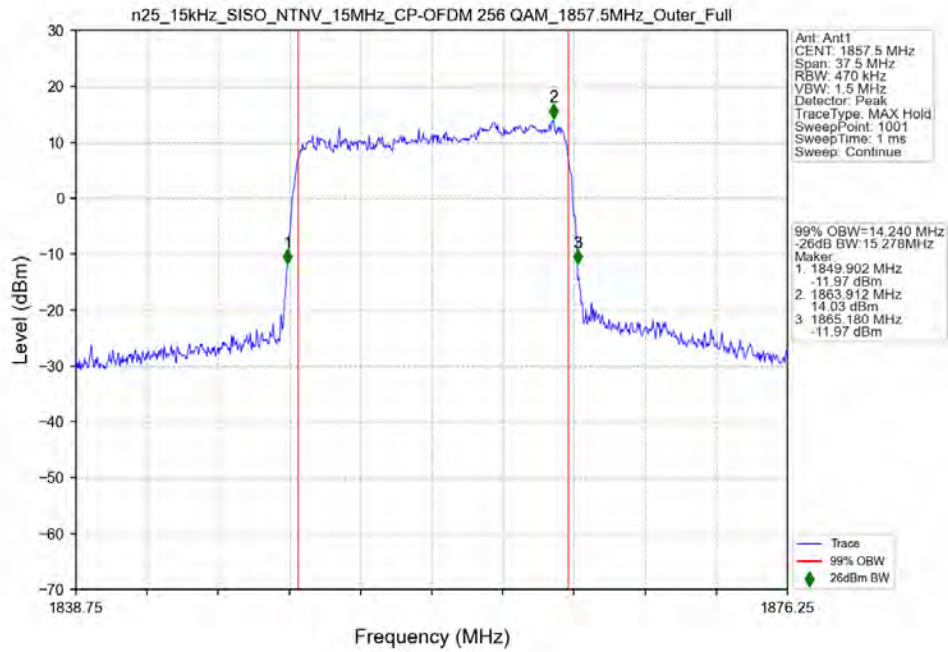
n25_15kHz_SISO_NTNV_15MHz_CP-OFDM 64 QAM 1882.5MHz_Outer_Full



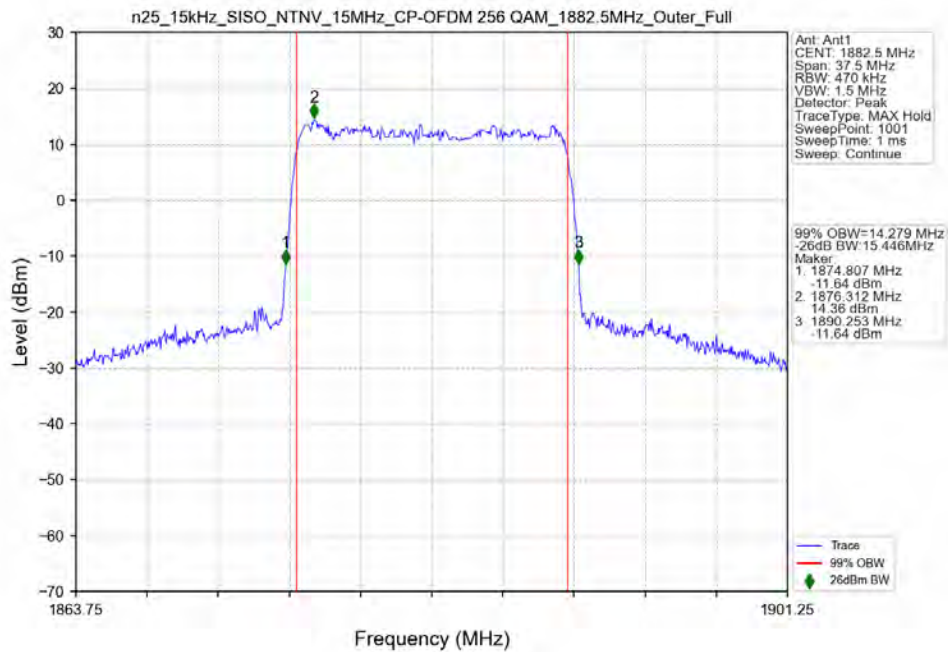
n25_15kHz_SISO_NTNV_15MHz_CP-OFDM 64 QAM 1907.5MHz_Outer_Full



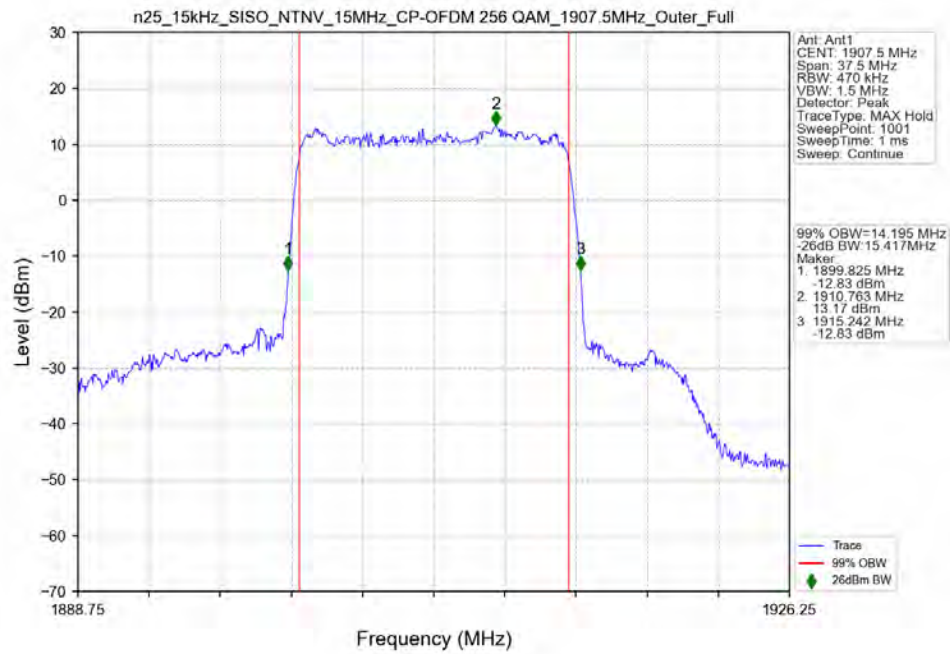
n25_15kHz_SISO_NTNV_15MHz_CP-OFDM_256_QAM_1857.5MHz_Outer_Full



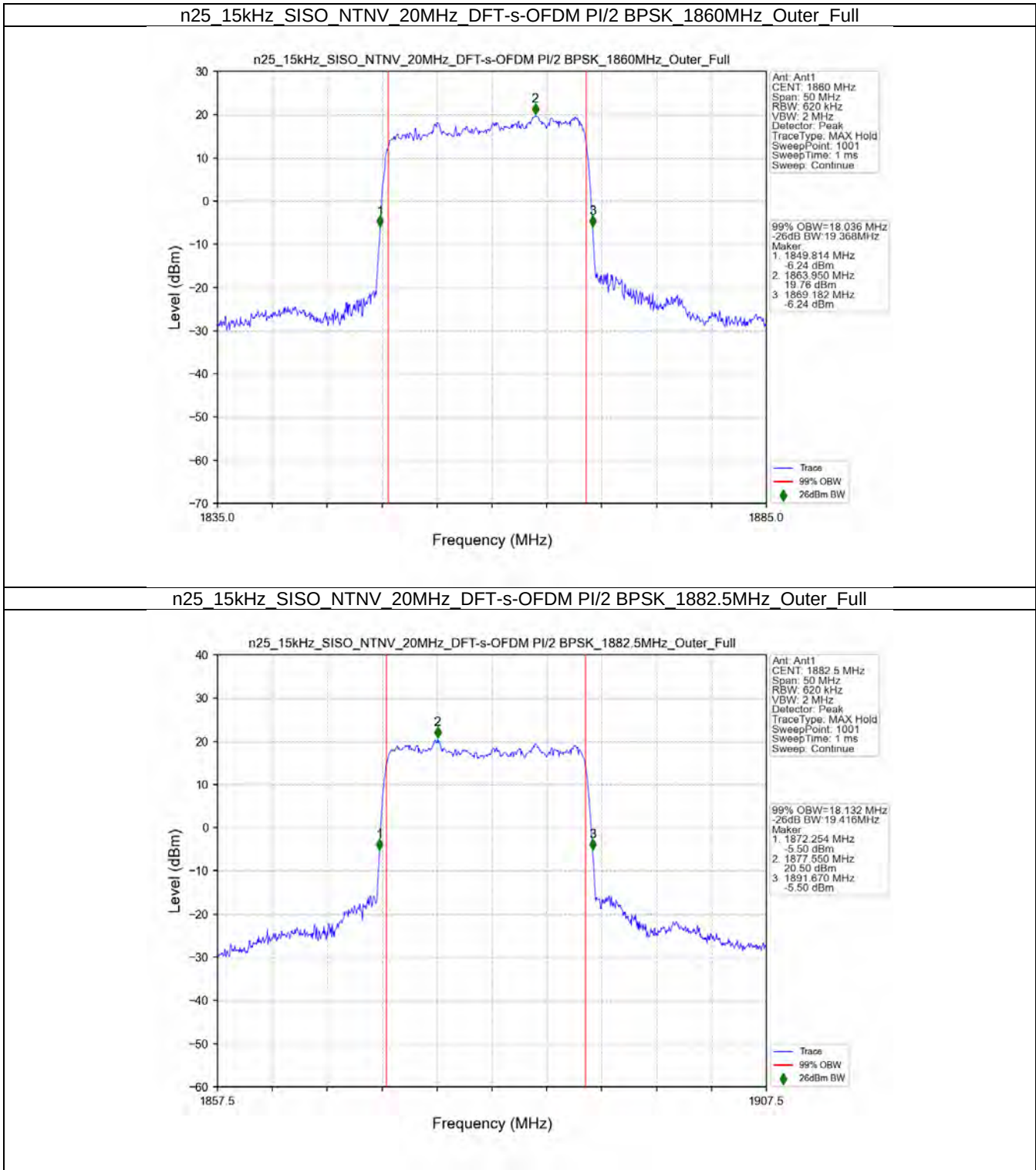
n25_15kHz_SISO_NTNV_15MHz_CP-OFDM_256_QAM_1882.5MHz_Outer_Full



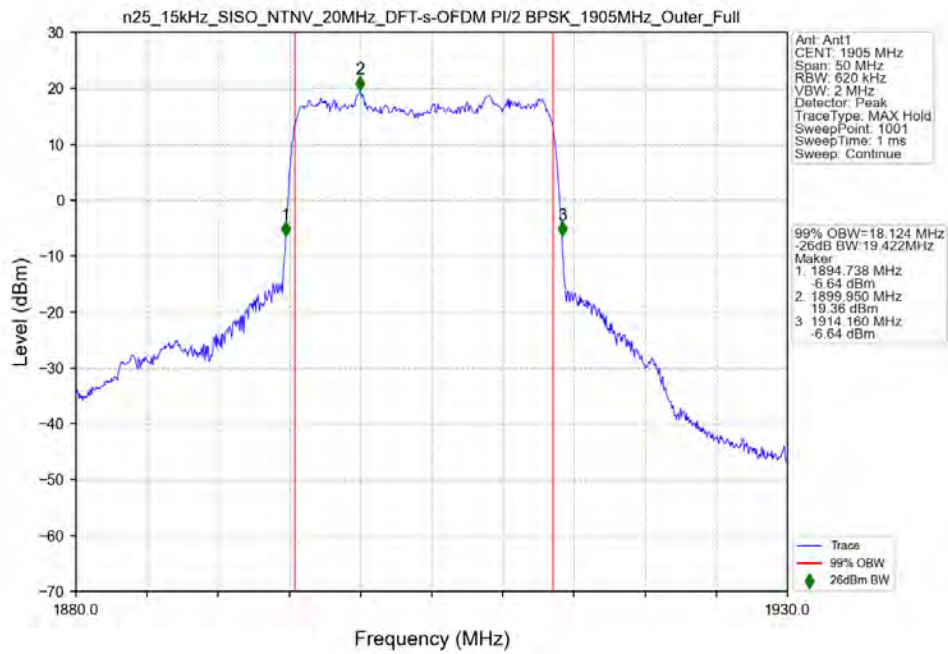
n25_15kHz_SISO_NTNV_15MHz_CP-OFDM_256_QAM_1907.5MHz_Outer_Full



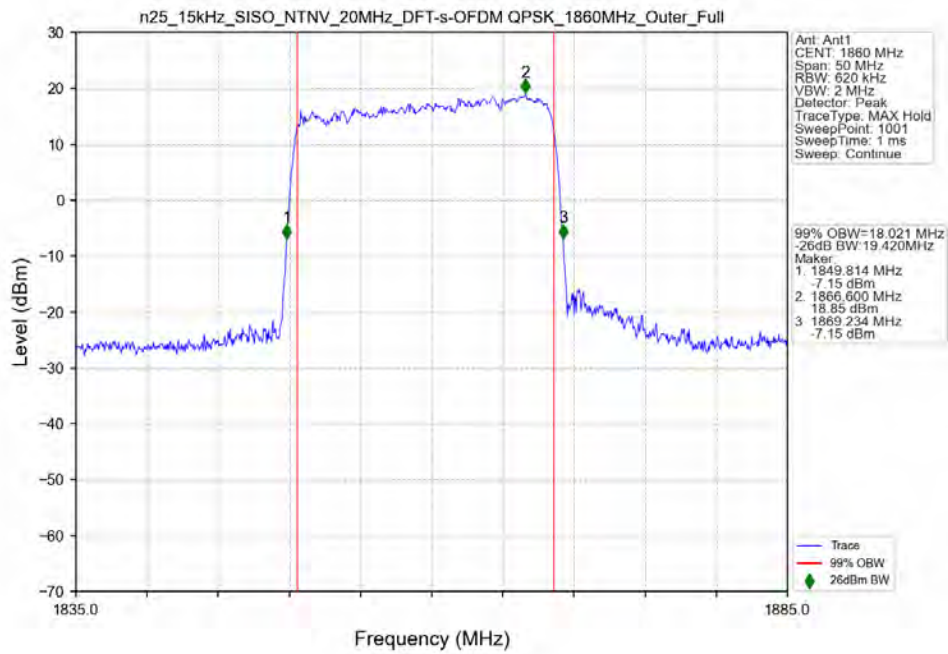
3.2.4 15k_SISO_20MHz_NTNV



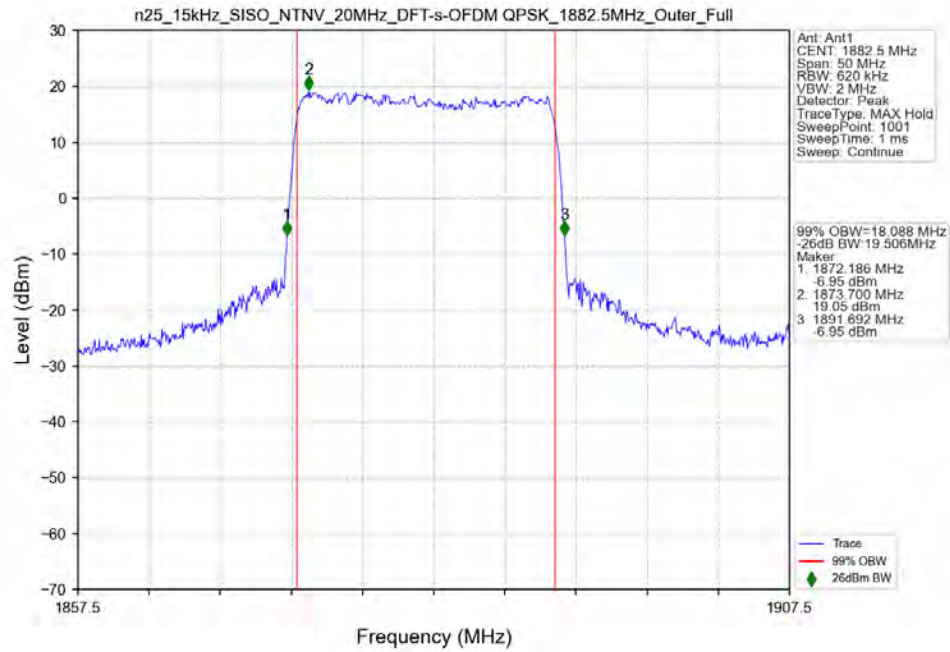
n25_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_1905MHz_Outer_Full



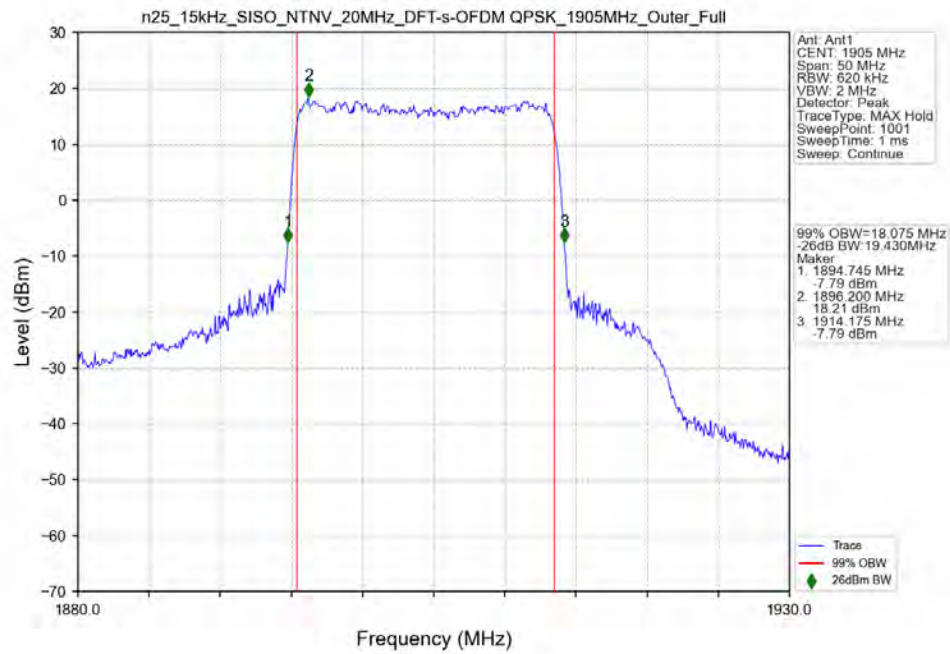
n25_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_1860MHz_Outer_Full



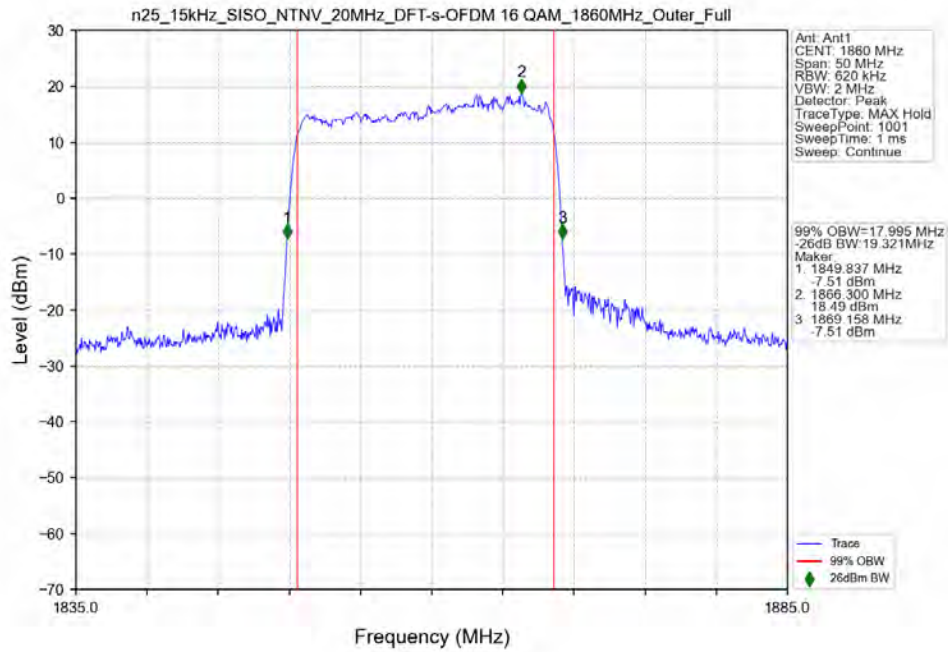
n25_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_1882.5MHz_Outer_Full



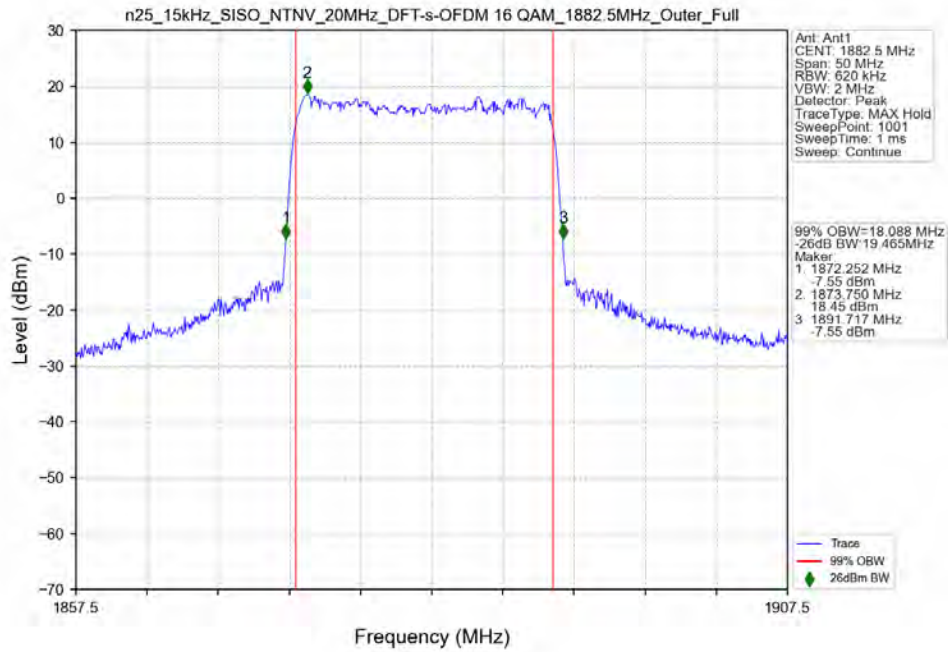
n25_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_1905MHz_Outer_Full



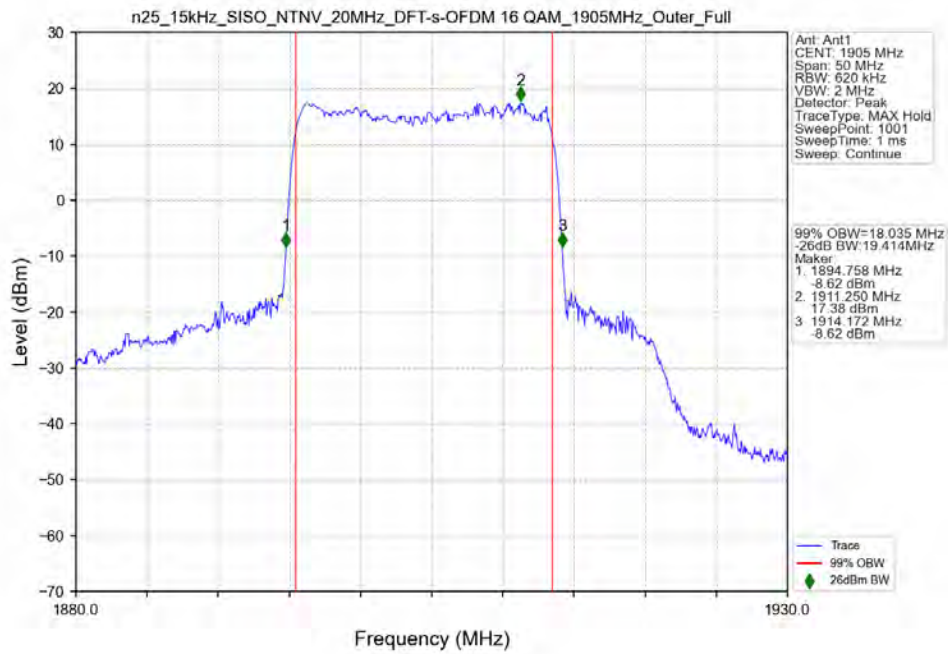
n25_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_16_QAM_1860MHz_Outer_Full



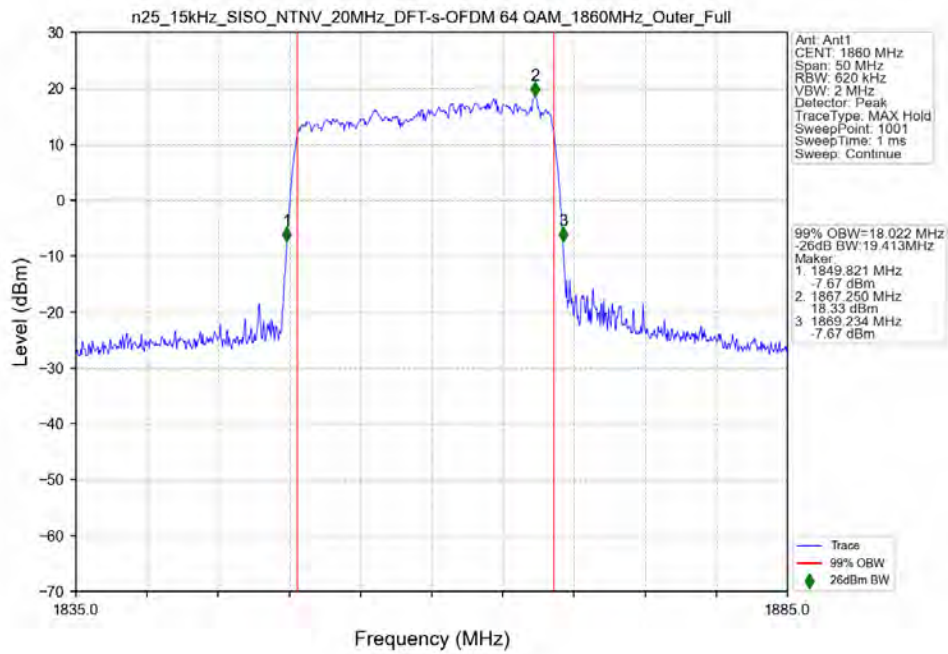
n25_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_16_QAM_1882.5MHz_Outer_Full



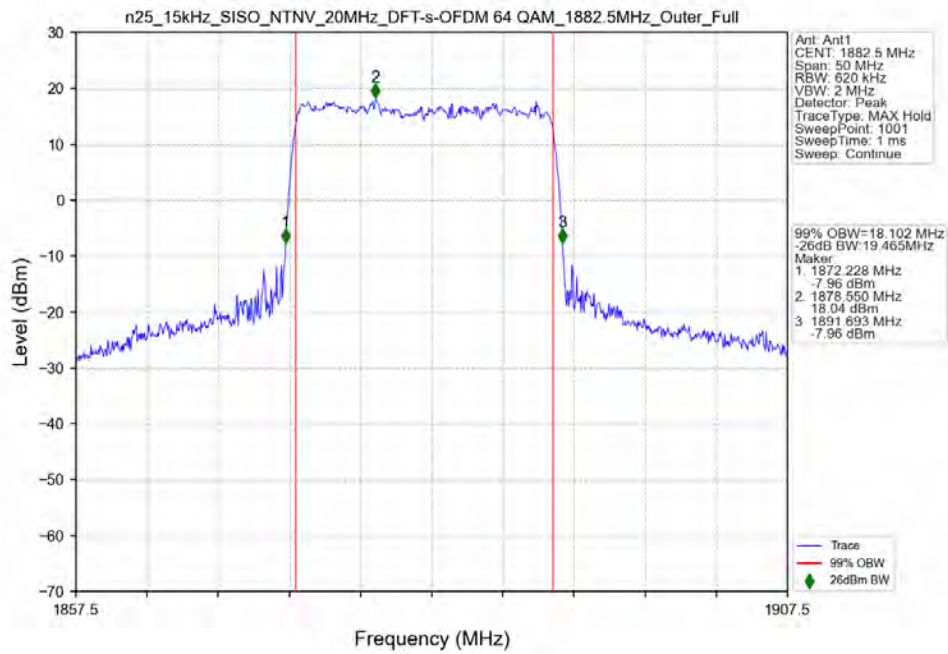
n25_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 16 QAM_1905MHz_Outer_Full



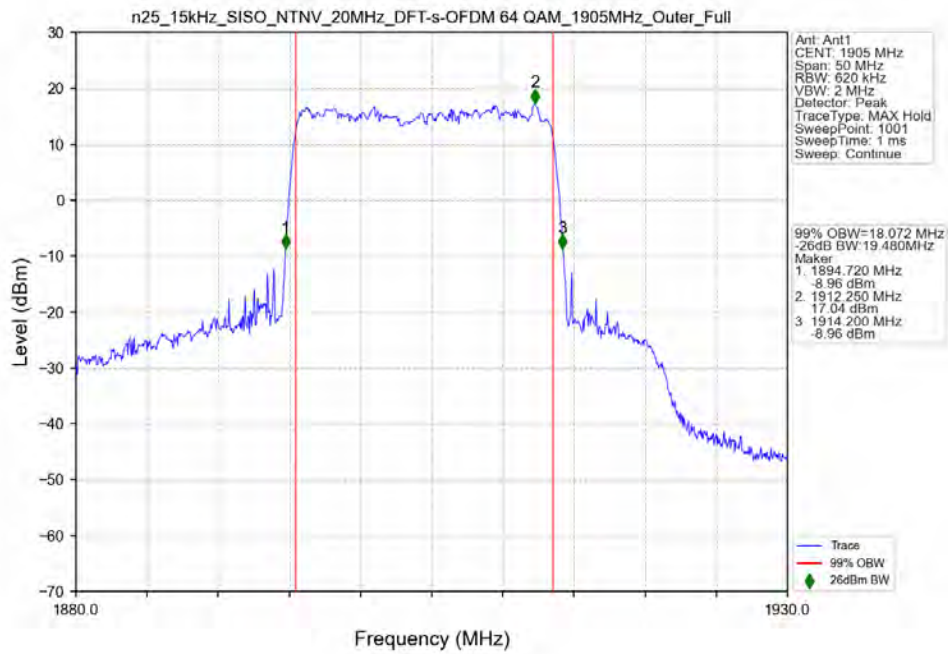
n25_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 64 QAM_1860MHz_Outer_Full



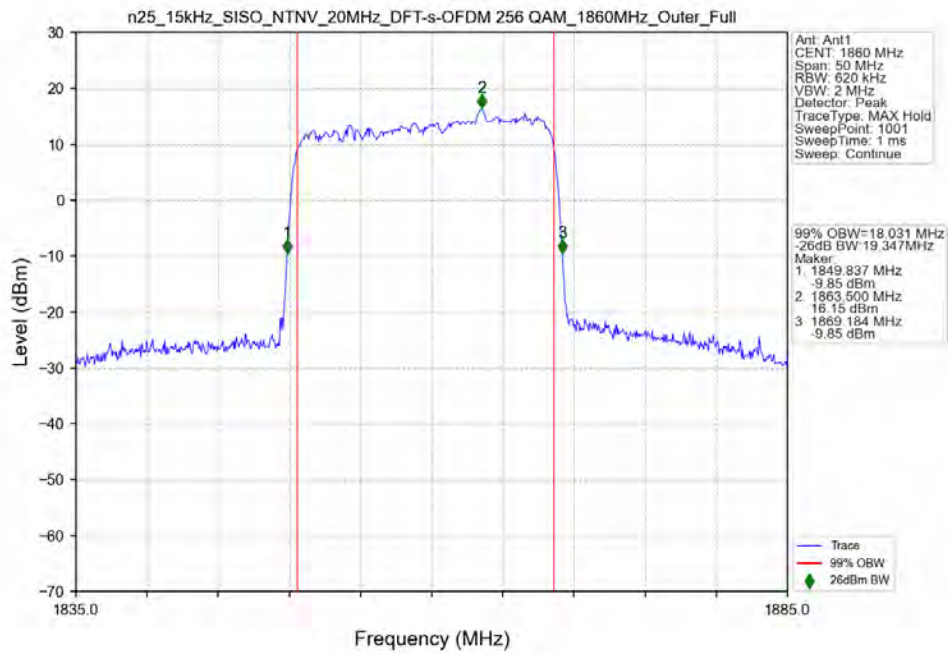
n25_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 64 QAM 1882.5MHz_Outer_Full



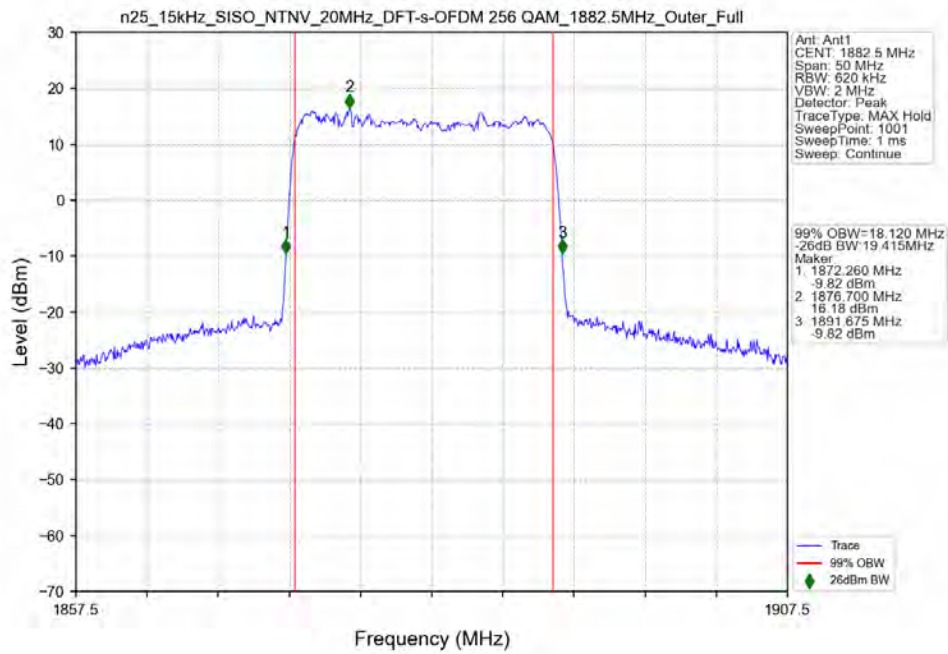
n25_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 64 QAM 1905MHz_Outer_Full



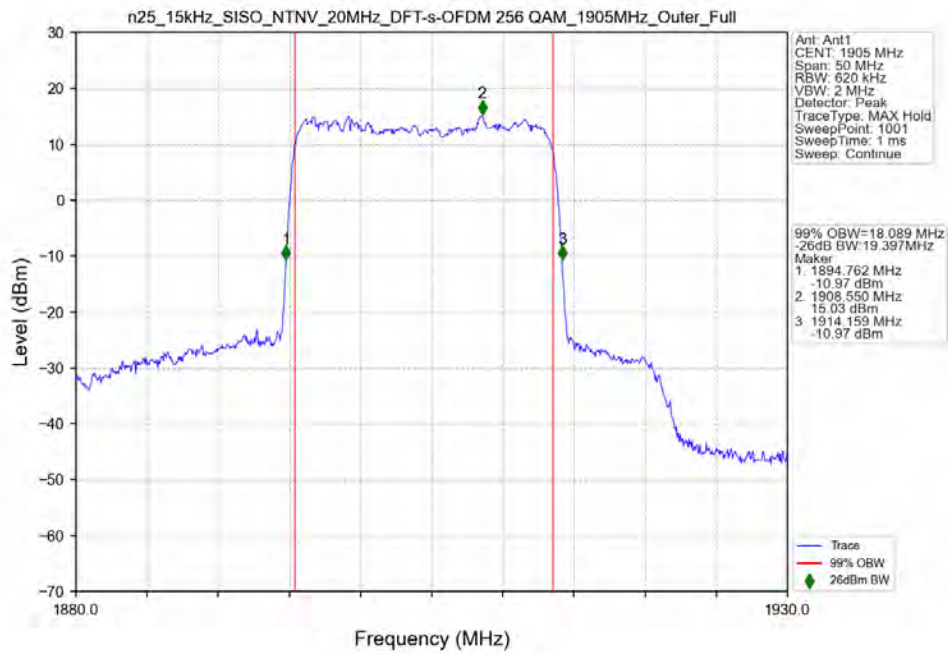
n25_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_256_QAM_1860MHz_Outer_Full



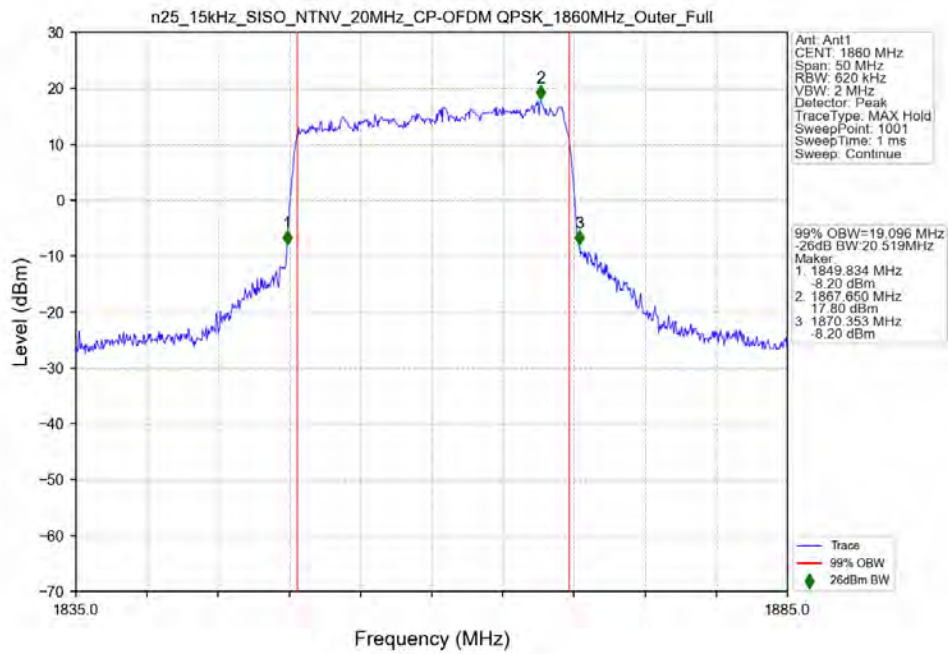
n25_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_256_QAM_1882.5MHz_Outer_Full



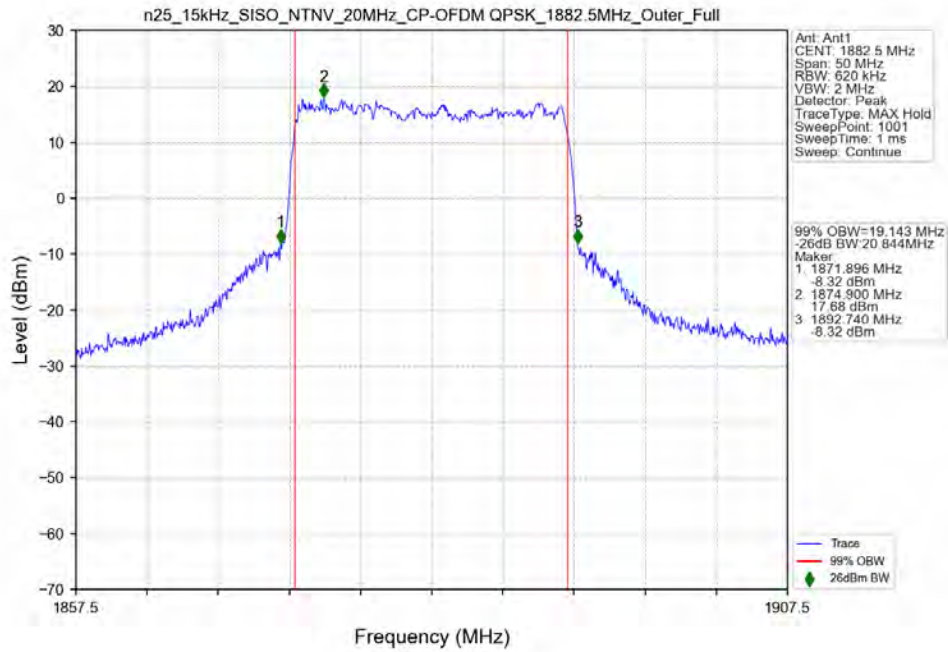
n25_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 256 QAM_1905MHz_Outer_Full



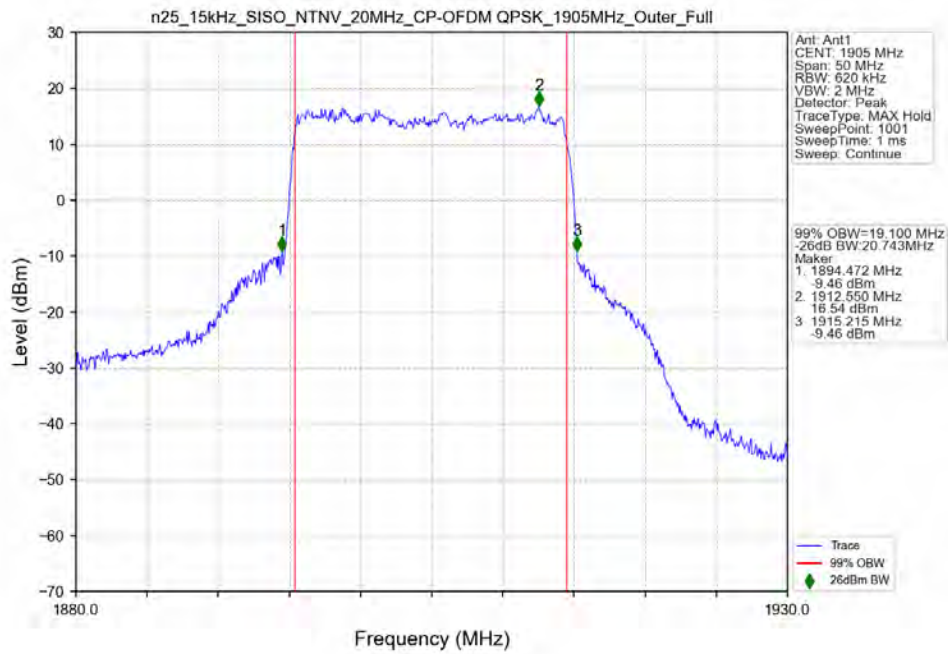
n25_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_1860MHz_Outer_Full



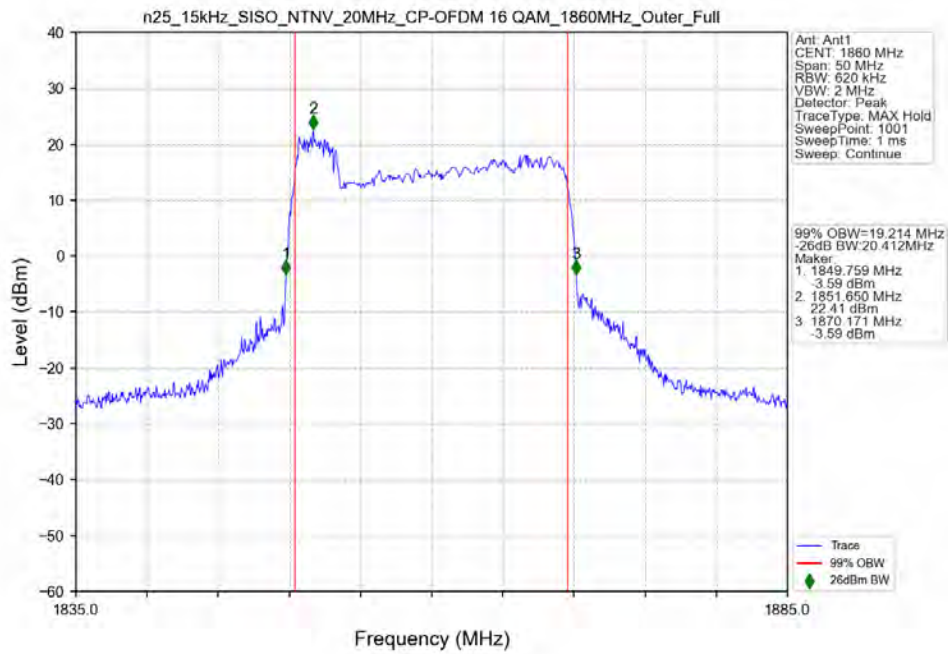
n25_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_1882.5MHz_Outer_Full



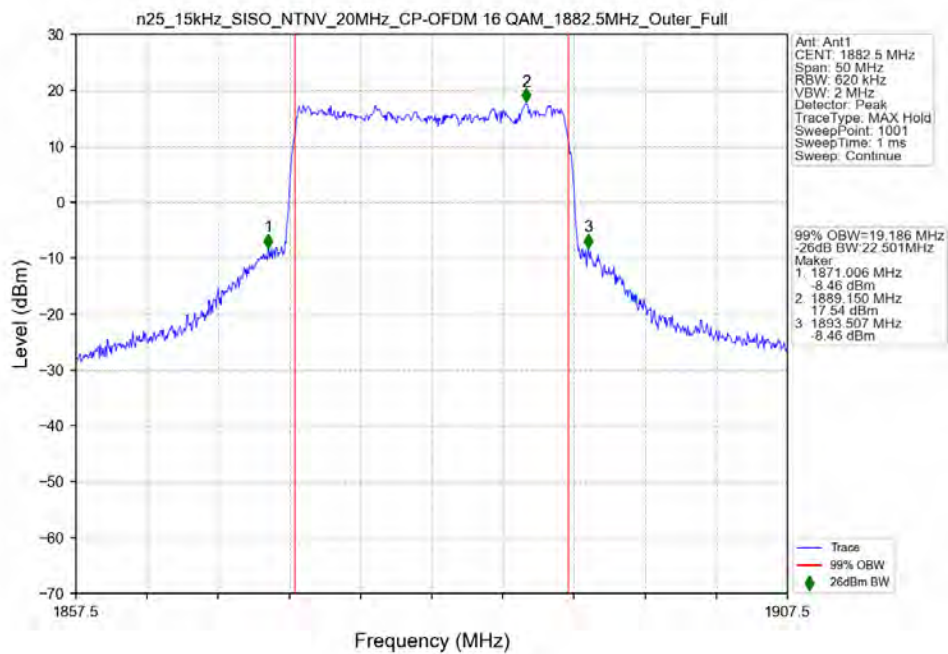
n25_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_1905MHz_Outer_Full



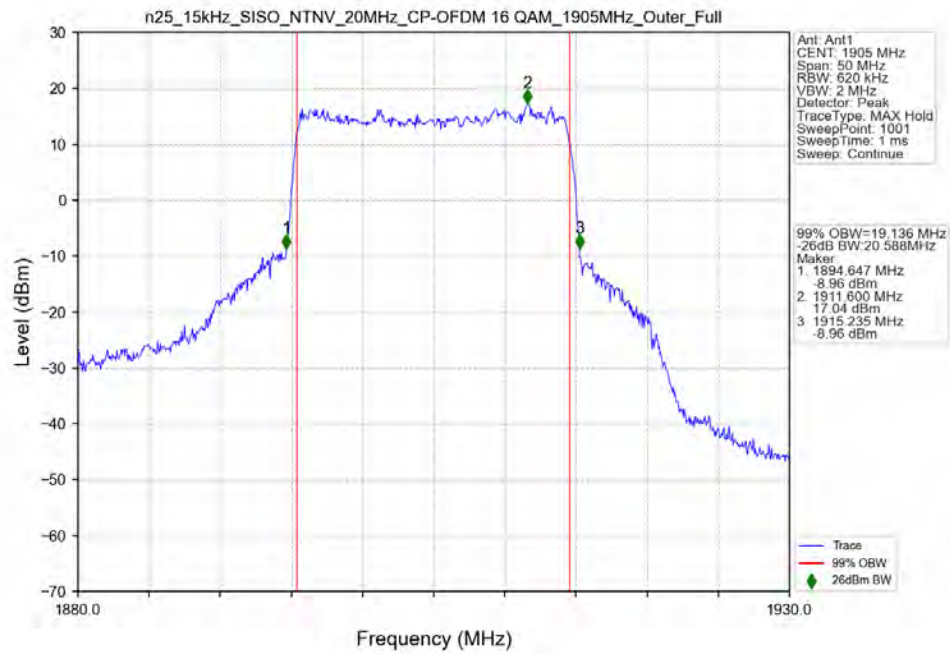
n25_15kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM_1860MHz_Outer_Full



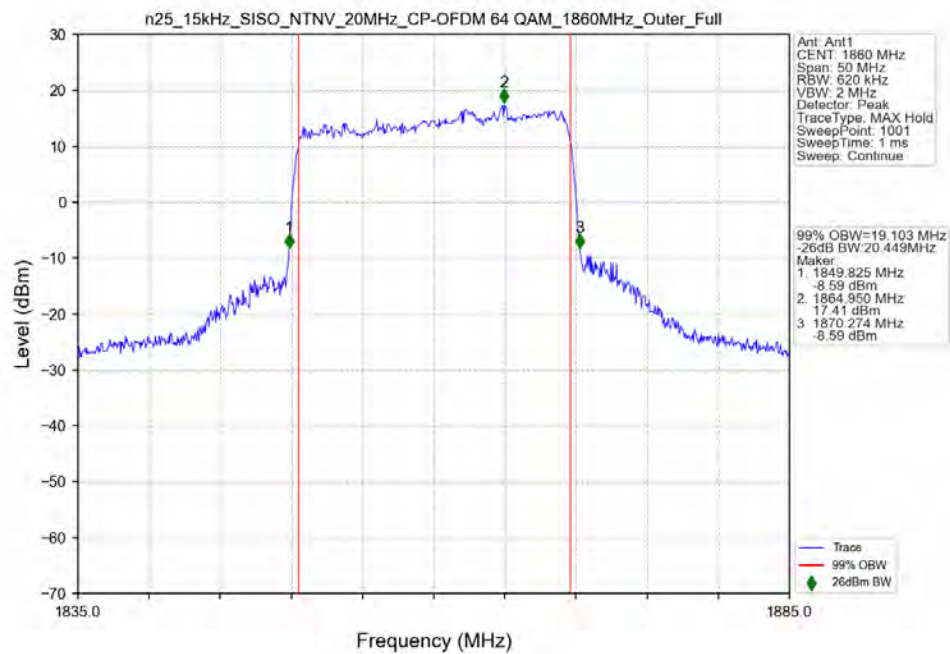
n25_15kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM_1882.5MHz_Outer_Full



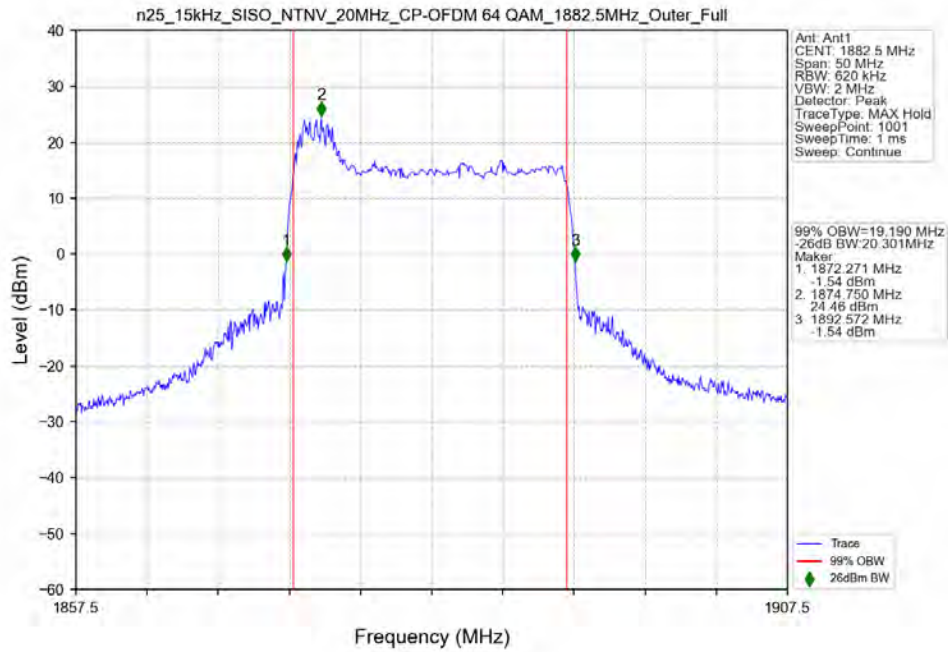
n25_15kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM_1905MHz_Outer_Full



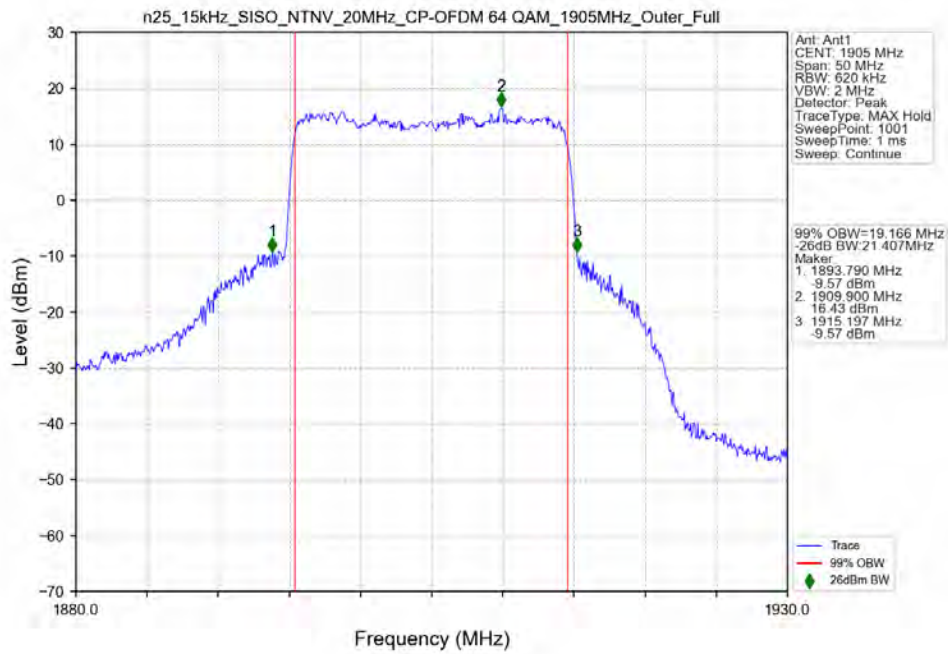
n25_15kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM_1860MHz_Outer_Full



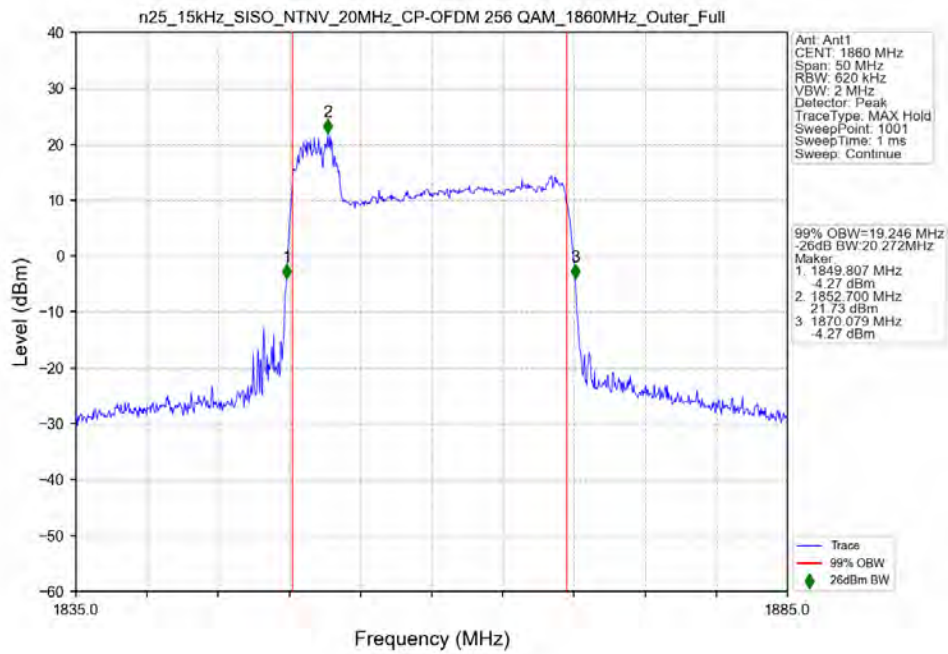
n25_15kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM 1882.5MHz_Outer_Full



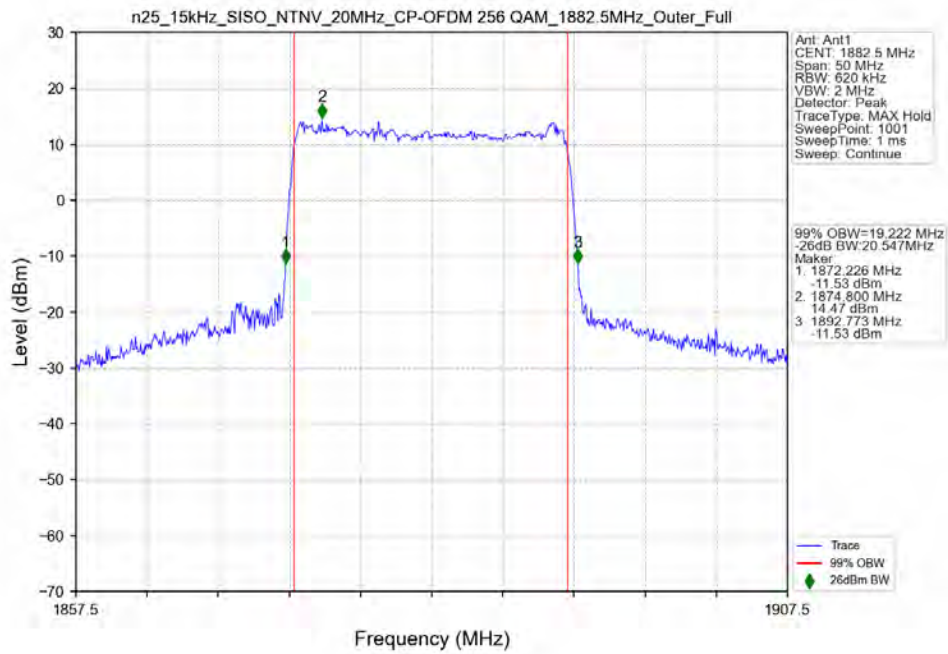
n25_15kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM 1905MHz_Outer_Full



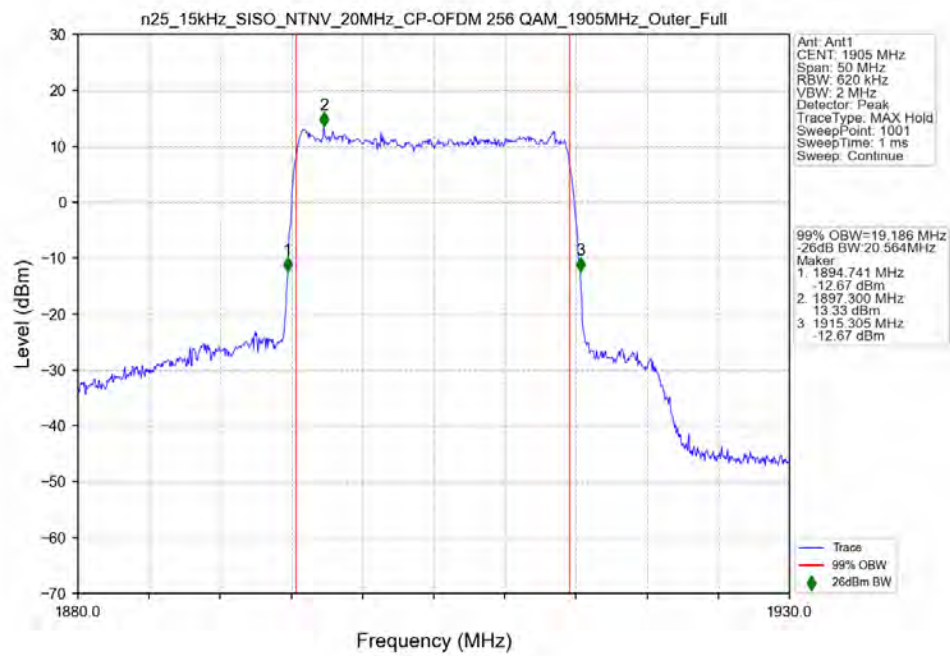
n25_15kHz_SISO_NTNV_20MHz_CP-OFDM 256 QAM_1860MHz_Outer_Full



n25_15kHz_SISO_NTNV_20MHz_CP-OFDM 256 QAM_1882.5MHz_Outer_Full



n25_15kHz_SISO_NTNV_20MHz_CP-OFDM 256 QAM 1905MHz_Outer_Full



4. Peak-Average Ratio

4.1 Test Result

4.1.1 15k_SISO_5MHz_NTNV

5G NR n25 SCS=15kHz SISO 5MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1852.5	Outer Full	4.57	/	/	<=13	Pass
	1882.5	Outer Full	4.60	/	/	<=13	Pass
	1912.5	Outer Full	4.22	/	/	<=13	Pass
DFT-s-OFDM QPSK	1852.5	Outer Full	5.79	/	/	<=13	Pass
	1882.5	Outer Full	5.85	/	/	<=13	Pass
	1912.5	Outer Full	5.47	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	1852.5	Outer Full	6.67	/	/	<=13	Pass
	1882.5	Outer Full	6.75	/	/	<=13	Pass
	1912.5	Outer Full	6.32	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	1852.5	Outer Full	6.86	/	/	<=13	Pass
	1882.5	Outer Full	6.94	/	/	<=13	Pass
	1912.5	Outer Full	6.57	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	1852.5	Outer Full	7.07	/	/	<=13	Pass
	1882.5	Outer Full	6.96	/	/	<=13	Pass
	1912.5	Outer Full	6.56	/	/	<=13	Pass
CP-OFDM QPSK	1852.5	Outer Full	7.41	/	/	<=13	Pass
	1882.5	Outer Full	7.56	/	/	<=13	Pass
	1912.5	Outer Full	7.43	/	/	<=13	Pass
CP-OFDM 16 QAM	1852.5	Outer Full	7.69	/	/	<=13	Pass
	1882.5	Outer Full	8.48	/	/	<=13	Pass
	1912.5	Outer Full	7.44	/	/	<=13	Pass
CP-OFDM 64 QAM	1852.5	Outer Full	7.46	/	/	<=13	Pass
	1882.5	Outer Full	7.55	/	/	<=13	Pass
	1912.5	Outer Full	7.68	/	/	<=13	Pass
CP-OFDM 256 QAM	1852.5	Outer Full	9.02	/	/	<=13	Pass
	1882.5	Outer Full	10.09	/	/	<=13	Pass
	1912.5	Outer Full	8.88	/	/	<=13	Pass

4.1.2 15k_SISO_10MHz_NTNV

5G NR n25 SCS=15kHz SISO 10MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1855	Outer Full	4.74	/	/	<=13	Pass
	1882.5	Outer Full	4.49	/	/	<=13	Pass
	1910	Outer Full	4.29	/	/	<=13	Pass
DFT-s-OFDM QPSK	1855	Outer Full	5.76	/	/	<=13	Pass
	1882.5	Outer Full	5.91	/	/	<=13	Pass
	1910	Outer Full	5.54	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	1855	Outer Full	6.70	/	/	<=13	Pass
	1882.5	Outer Full	6.83	/	/	<=13	Pass
	1910	Outer Full	6.46	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	1855	Outer Full	6.88	/	/	<=13	Pass
	1882.5	Outer Full	6.94	/	/	<=13	Pass
	1910	Outer Full	6.66	/	/	<=13	Pass

DFT-s-OFDM 256 QAM	1855	Outer_Full	7.91	/	/	<=13	Pass
	1882.5	Outer_Full	7.16	/	/	<=13	Pass
	1910	Outer_Full	8.13	/	/	<=13	Pass
CP-OFDM QPSK	1855	Outer_Full	7.50	/	/	<=13	Pass
	1882.5	Outer_Full	9.75	/	/	<=13	Pass
	1910	Outer_Full	8.13	/	/	<=13	Pass
CP-OFDM 16 QAM	1855	Outer_Full	7.60	/	/	<=13	Pass
	1882.5	Outer_Full	9.54	/	/	<=13	Pass
	1910	Outer_Full	8.46	/	/	<=13	Pass
CP-OFDM 64 QAM	1855	Outer_Full	8.34	/	/	<=13	Pass
	1882.5	Outer_Full	7.83	/	/	<=13	Pass
	1910	Outer_Full	8.51	/	/	<=13	Pass
CP-OFDM 256 QAM	1855	Outer_Full	9.69	/	/	<=13	Pass
	1882.5	Outer_Full	10.78	/	/	<=13	Pass
	1910	Outer_Full	9.49	/	/	<=13	Pass

4.1.3 15k_SISO_15MHz_NTNV

5G NR n25 SCS=15kHz SISO 15MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1857.5	Outer_Full	4.50	/	/	<=13	Pass
	1882.5	Outer_Full	5.76	/	/	<=13	Pass
	1907.5	Outer_Full	4.31	/	/	<=13	Pass
DFT-s-OFDM QPSK	1857.5	Outer_Full	5.56	/	/	<=13	Pass
	1882.5	Outer_Full	5.76	/	/	<=13	Pass
	1907.5	Outer_Full	5.49	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	1857.5	Outer_Full	6.45	/	/	<=13	Pass
	1882.5	Outer_Full	6.58	/	/	<=13	Pass
	1907.5	Outer_Full	6.36	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	1857.5	Outer_Full	6.69	/	/	<=13	Pass
	1882.5	Outer_Full	6.81	/	/	<=13	Pass
	1907.5	Outer_Full	7.71	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	1857.5	Outer_Full	6.88	/	/	<=13	Pass
	1882.5	Outer_Full	7.09	/	/	<=13	Pass
	1907.5	Outer_Full	7.09	/	/	<=13	Pass
CP-OFDM QPSK	1857.5	Outer_Full	7.45	/	/	<=13	Pass
	1882.5	Outer_Full	7.76	/	/	<=13	Pass
	1907.5	Outer_Full	8.61	/	/	<=13	Pass
CP-OFDM 16 QAM	1857.5	Outer_Full	7.45	/	/	<=13	Pass
	1882.5	Outer_Full	7.67	/	/	<=13	Pass
	1907.5	Outer_Full	8.64	/	/	<=13	Pass
CP-OFDM 64 QAM	1857.5	Outer_Full	7.97	/	/	<=13	Pass
	1882.5	Outer_Full	8.77	/	/	<=13	Pass
	1907.5	Outer_Full	8.72	/	/	<=13	Pass
CP-OFDM 256 QAM	1857.5	Outer_Full	8.74	/	/	<=13	Pass
	1882.5	Outer_Full	8.80	/	/	<=13	Pass
	1907.5	Outer_Full	8.72	/	/	<=13	Pass

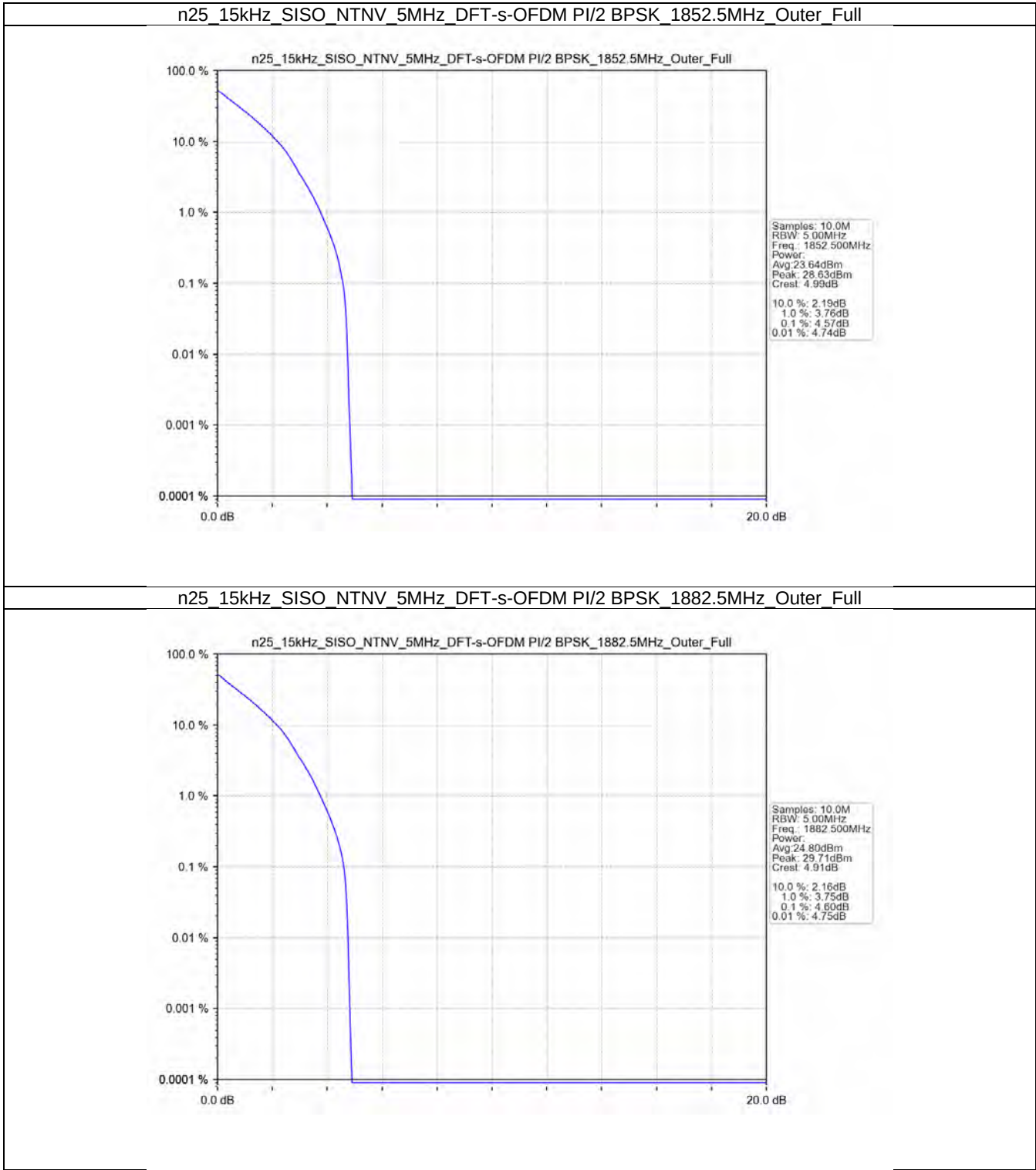
4.1.4 15k_SISO_20MHz_NTNV

5G NR n25 SCS=15kHz SISO 20MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1860	Outer_Full	4.48	/	/	<=13	Pass
	1882.5	Outer_Full	4.46	/	/	<=13	Pass

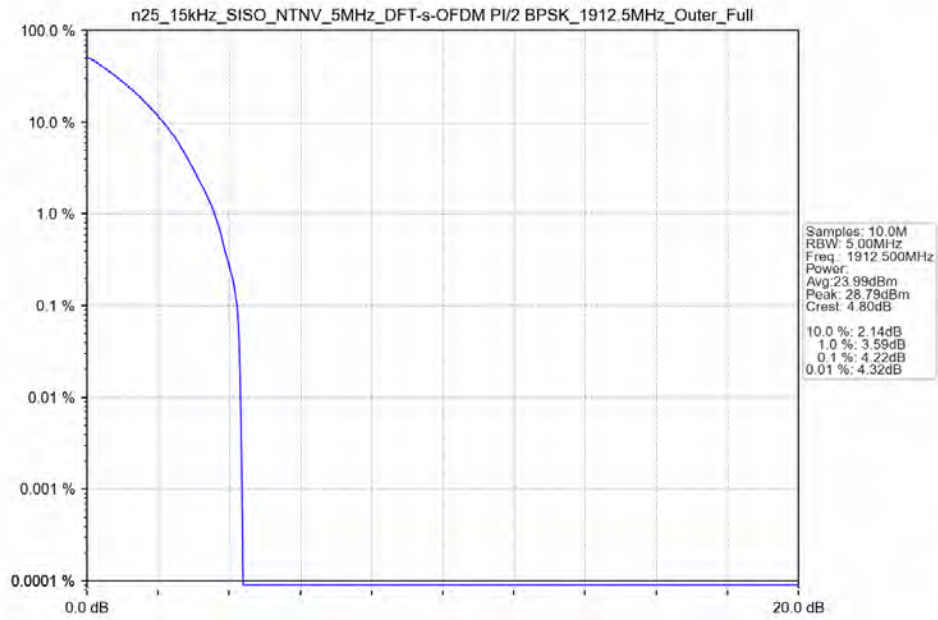
	1905	Outer Full	4.57	/	/	<=13	Pass
DFT-s-OFDM QPSK	1860	Outer Full	5.34	/	/	<=13	Pass
	1882.5	Outer Full	5.85	/	/	<=13	Pass
	1905	Outer Full	5.78	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	1860	Outer Full	6.28	/	/	<=13	Pass
	1882.5	Outer Full	6.41	/	/	<=13	Pass
	1905	Outer Full	7.63	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	1860	Outer Full	6.50	/	/	<=13	Pass
	1882.5	Outer Full	6.71	/	/	<=13	Pass
	1905	Outer Full	6.67	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	1860	Outer Full	6.87	/	/	<=13	Pass
	1882.5	Outer Full	7.04	/	/	<=13	Pass
	1905	Outer Full	6.99	/	/	<=13	Pass
CP-OFDM QPSK	1860	Outer Full	7.78	/	/	<=13	Pass
	1882.5	Outer Full	7.25	/	/	<=13	Pass
	1905	Outer Full	7.60	/	/	<=13	Pass
CP-OFDM 16 QAM	1860	Outer Full	7.79	/	/	<=13	Pass
	1882.5	Outer Full	7.78	/	/	<=13	Pass
	1905	Outer Full	7.63	/	/	<=13	Pass
CP-OFDM 64 QAM	1860	Outer Full	8.94	/	/	<=13	Pass
	1882.5	Outer Full	8.20	/	/	<=13	Pass
	1905	Outer Full	8.75	/	/	<=13	Pass
CP-OFDM 256 QAM	1860	Outer Full	8.71	/	/	<=13	Pass
	1882.5	Outer Full	8.74	/	/	<=13	Pass
	1905	Outer Full	11.38	/	/	<=13	Pass

4.2 Test Graph

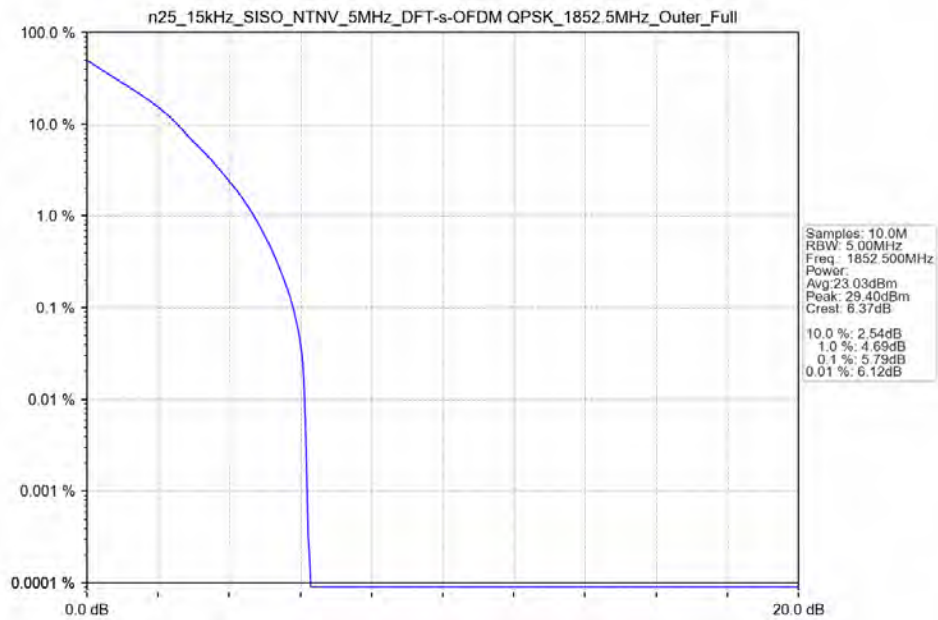
4.2.1 15k_SISO_5MHz_NTNV



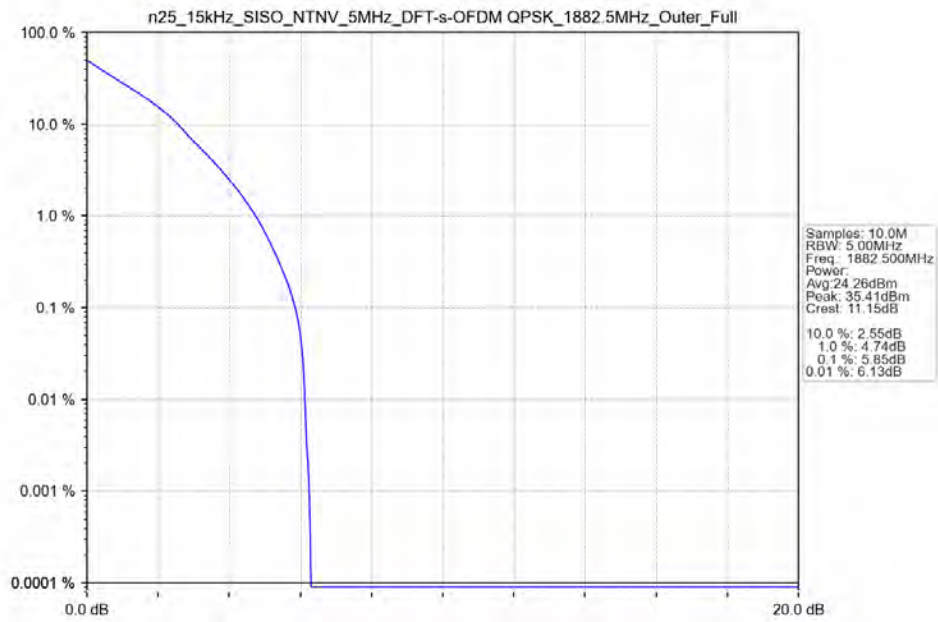
n25_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_1912.5MHz_Outer_Full



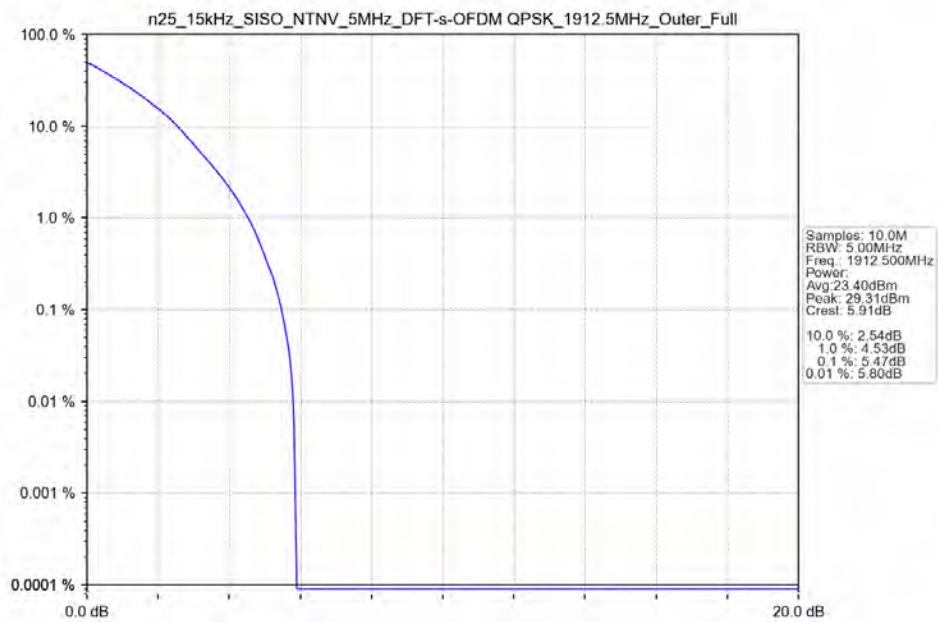
n25_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_1852.5MHz_Outer_Full



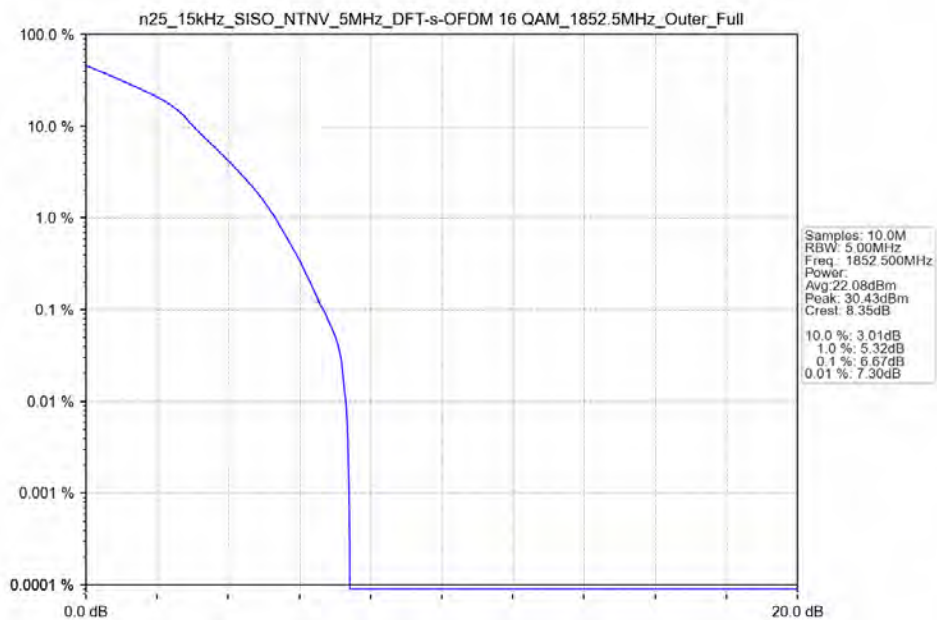
n25_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_1882.5MHz_Outer_Full



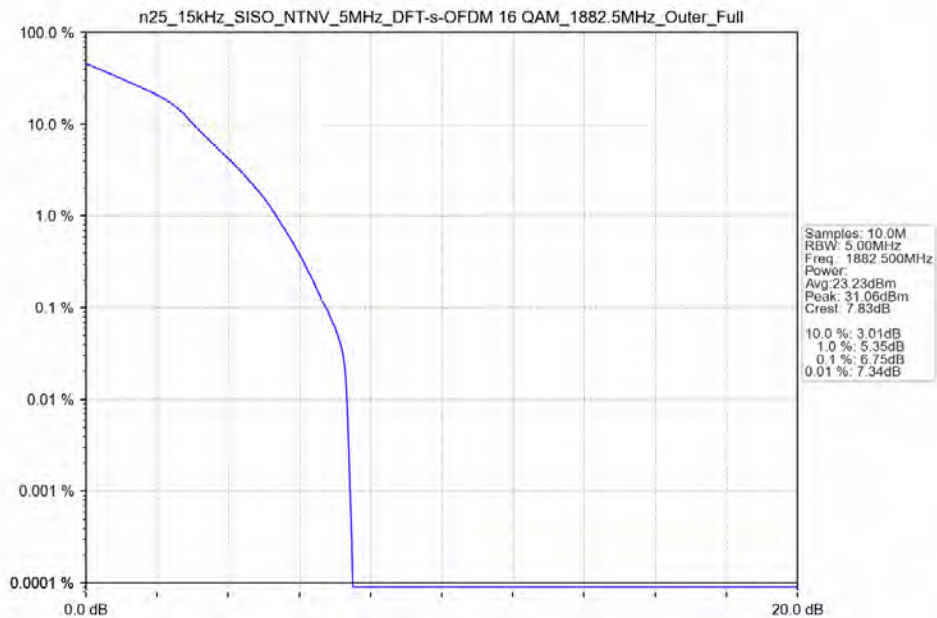
n25_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_1912.5MHz_Outer_Full



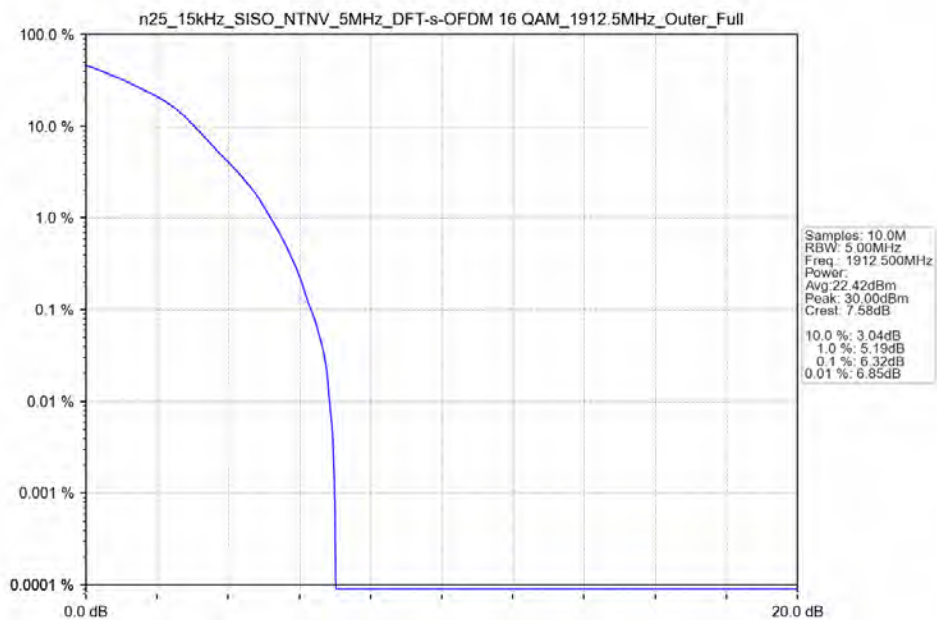
n25_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_16_QAM_1852.5MHz_Outer_Full



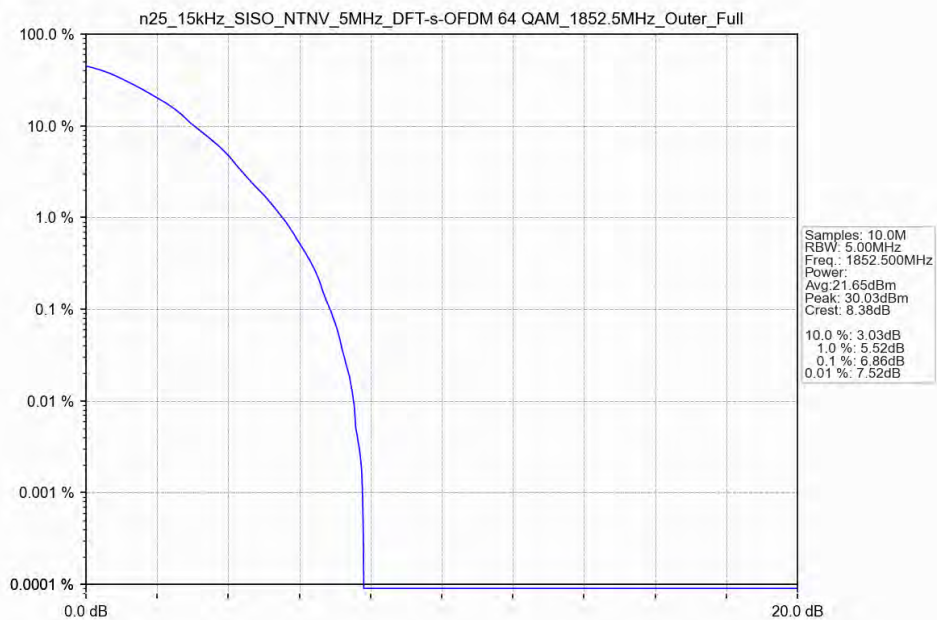
n25_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_16_QAM_1882.5MHz_Outer_Full



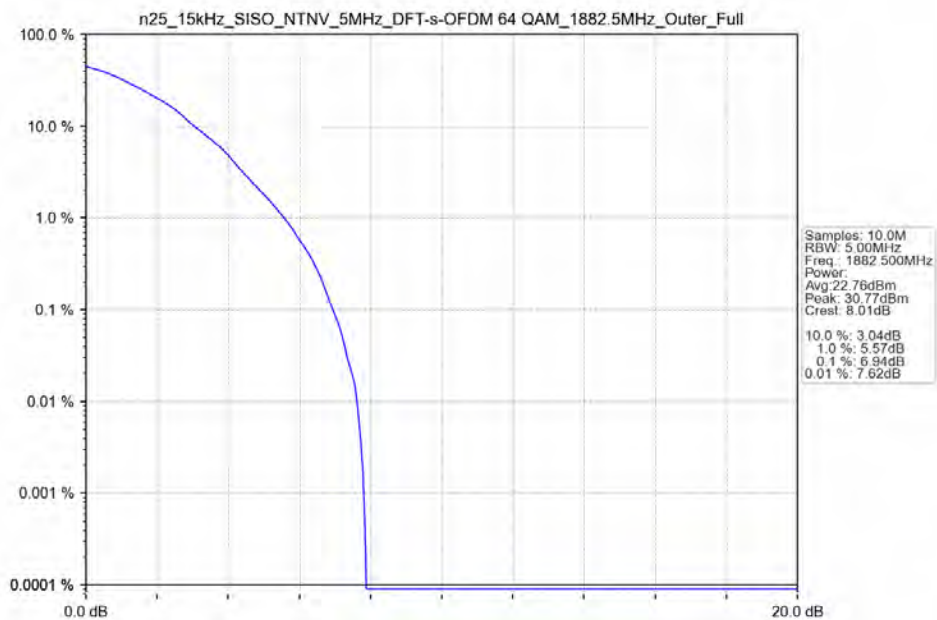
n25_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_16_QAM_1912.5MHz_Outer_Full



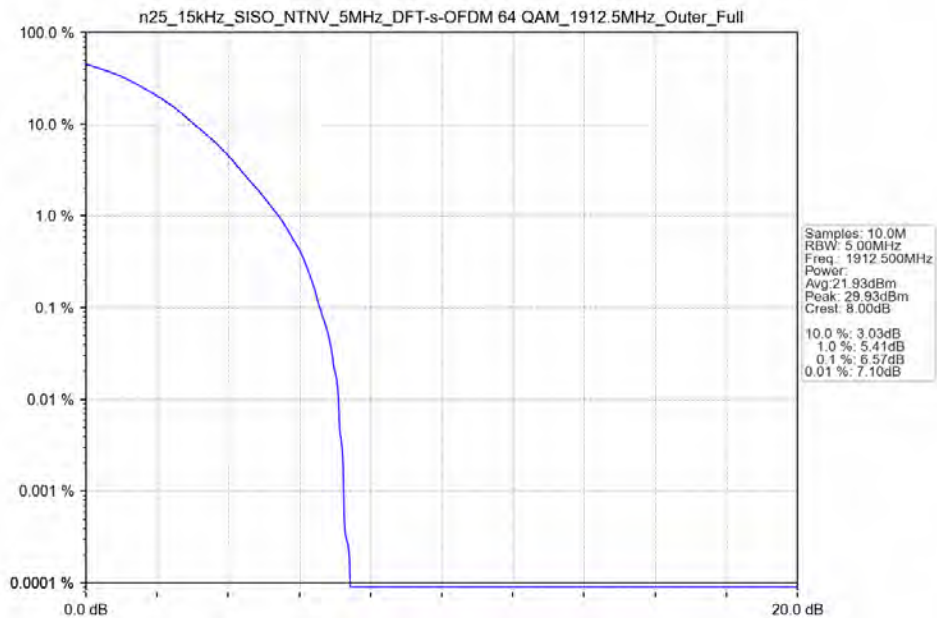
n25_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_64_QAM_1852.5MHz_Outer_Full



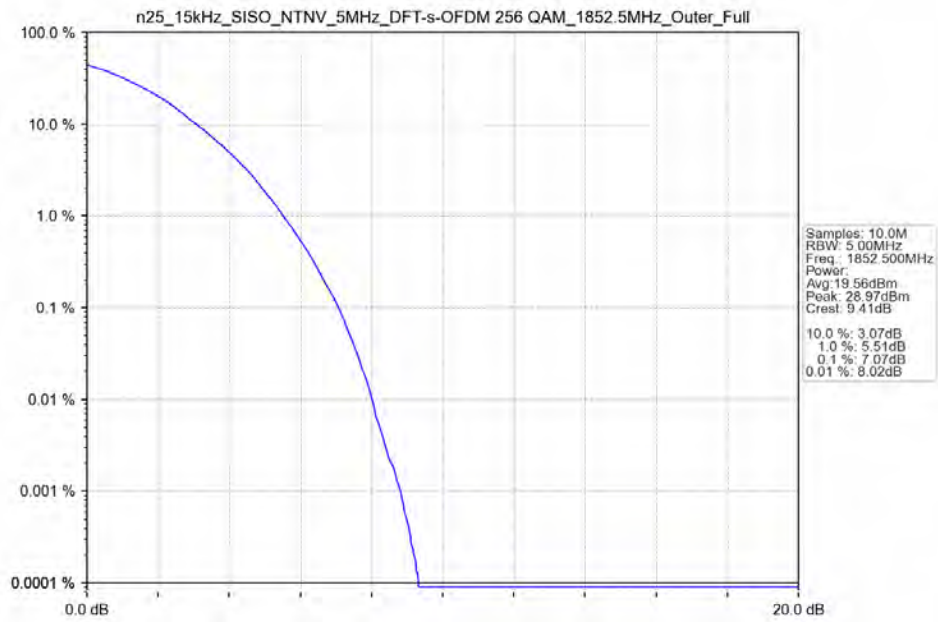
n25_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_64_QAM_1882.5MHz_Outer_Full



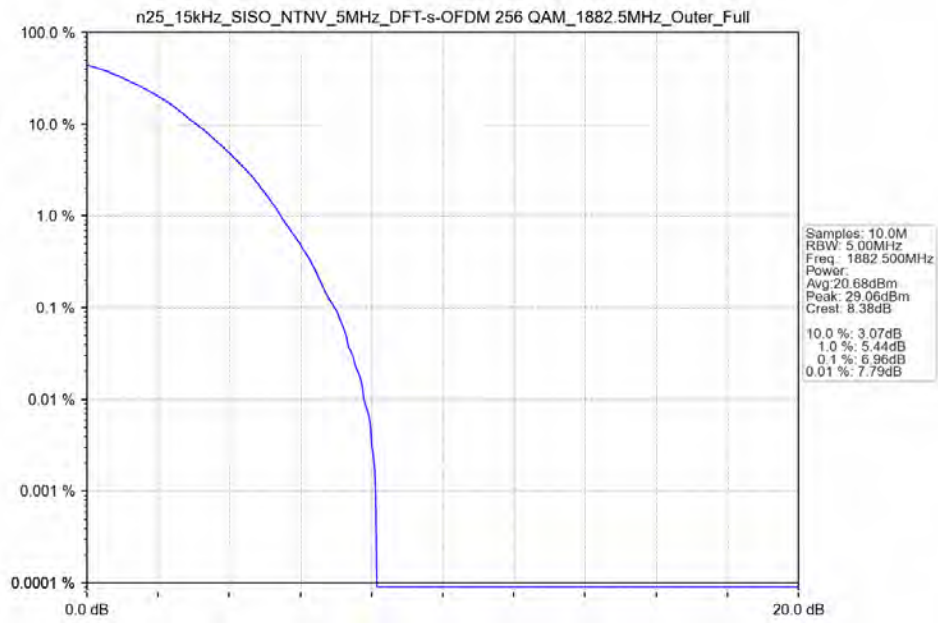
n25_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_64_QAM_1912.5MHz_Outer_Full



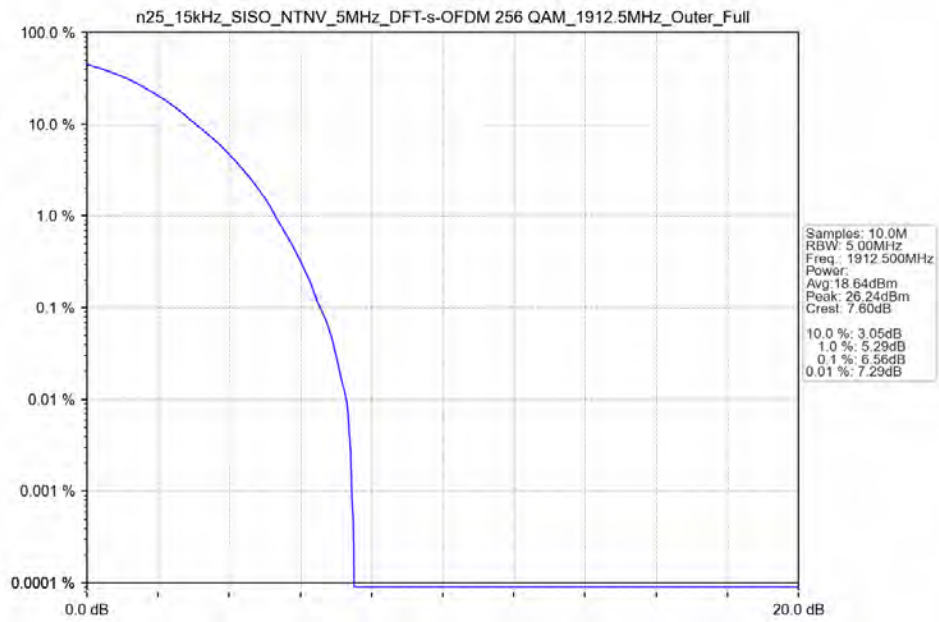
n25_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_256_QAM_1852.5MHz_Outer_Full



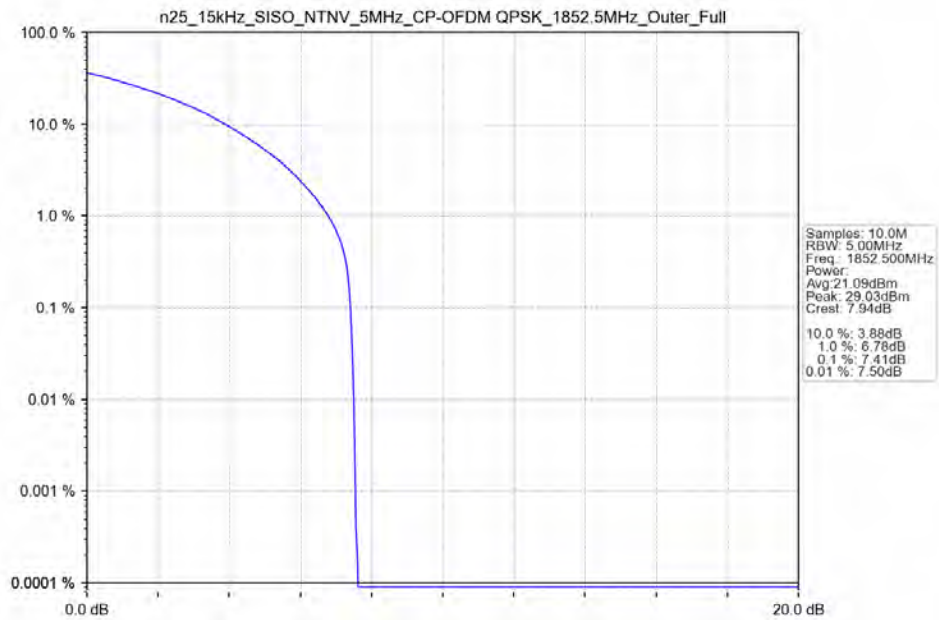
n25_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_256_QAM_1882.5MHz_Outer_Full



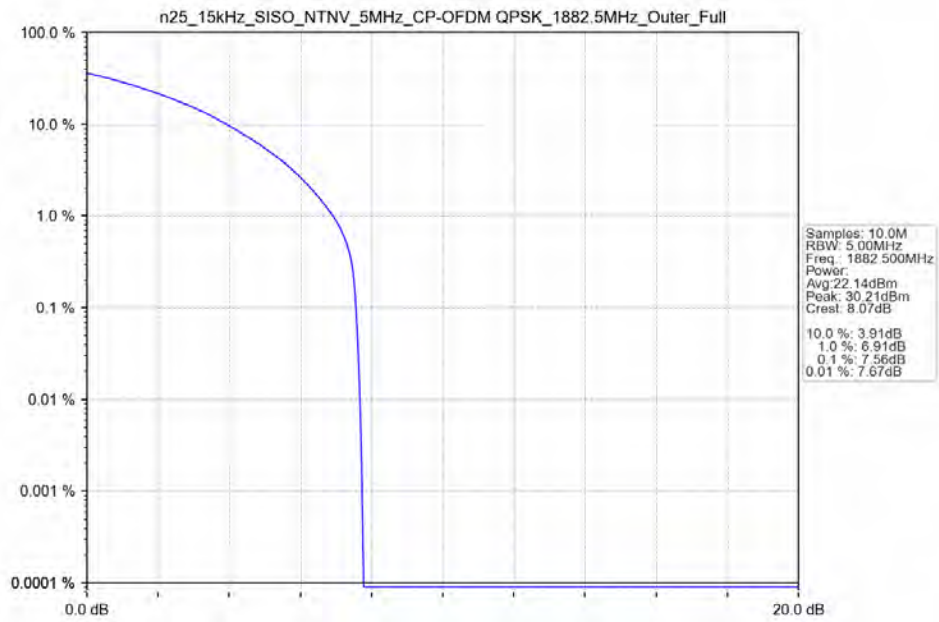
n25_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_256_QAM_1912.5MHz_Outer_Full



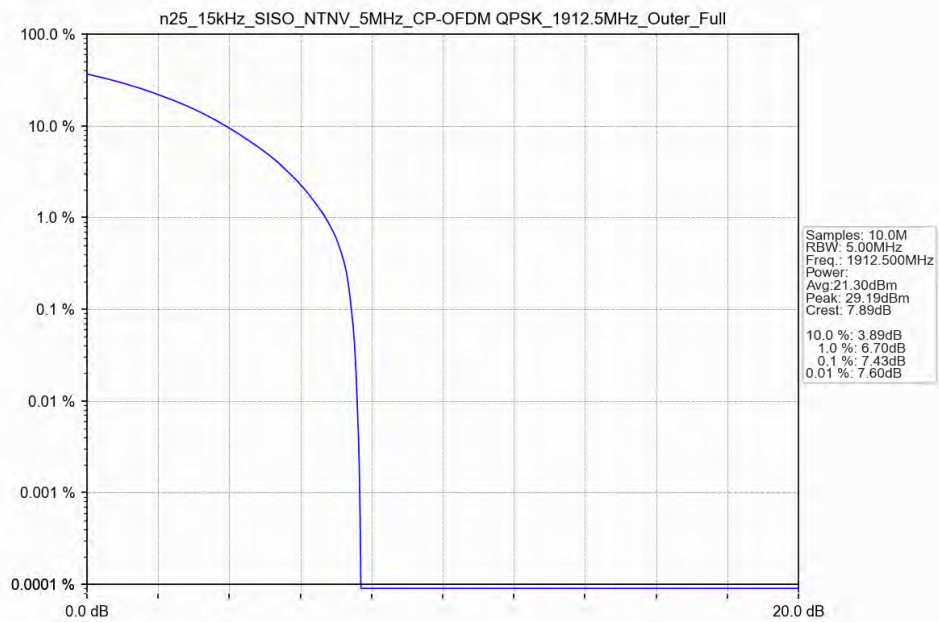
n25_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_1852.5MHz_Outer_Full



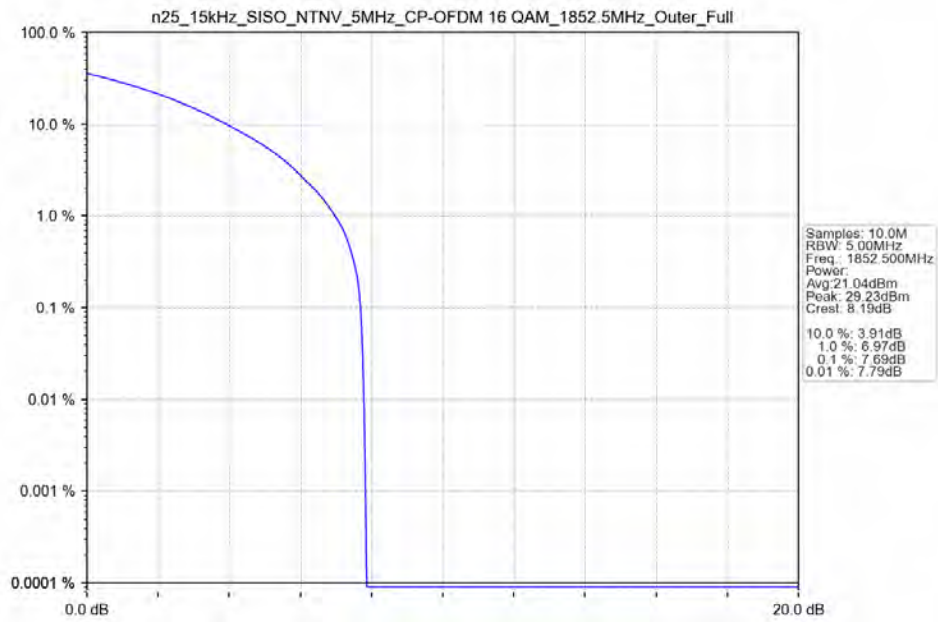
n25_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_1882.5MHz_Outer_Full



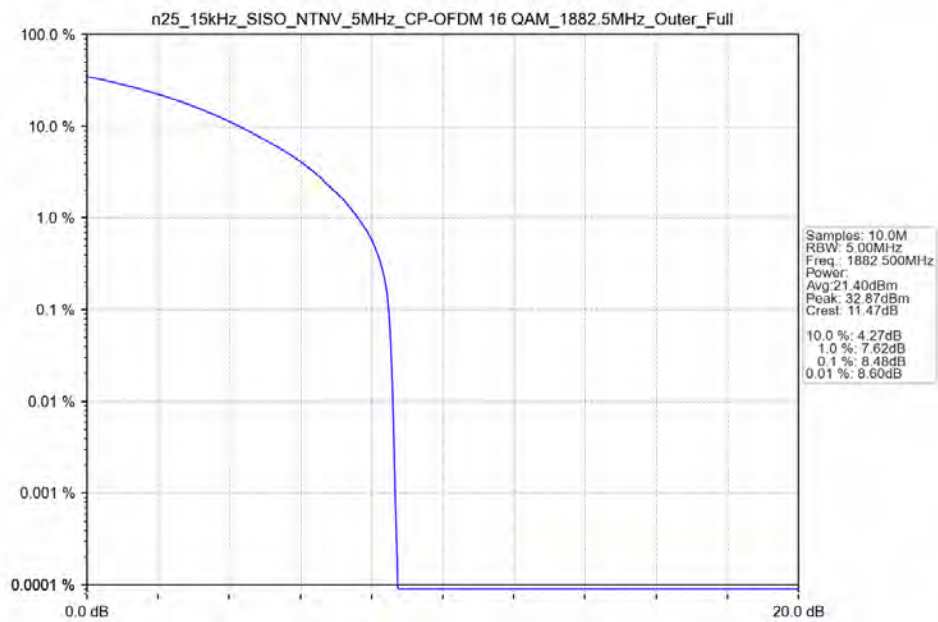
n25_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_1912.5MHz_Outer_Full



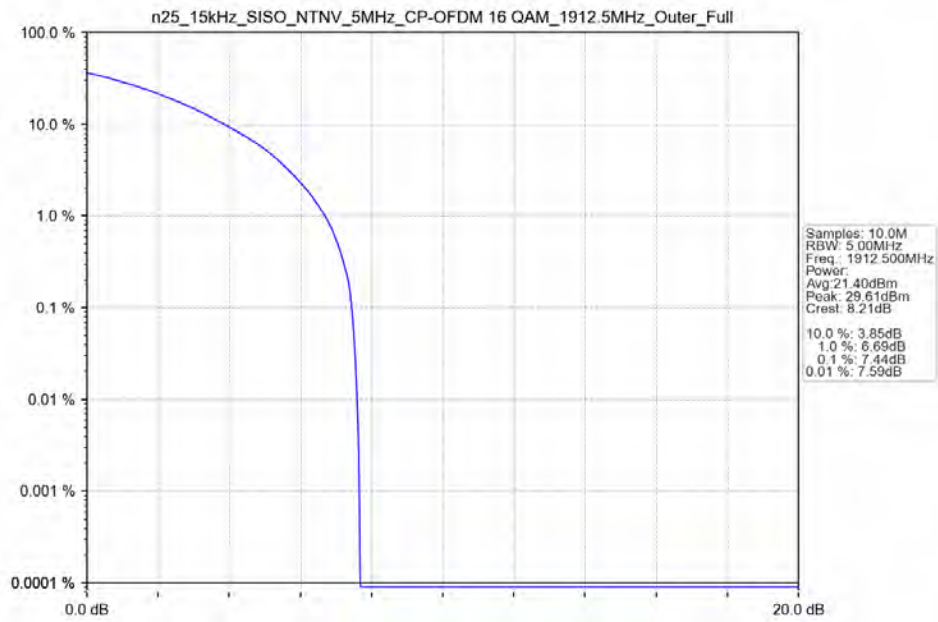
n25_15kHz_SISO_NTNV_5MHz_CP-OFDM 16 QAM_1852.5MHz_Outer_Full



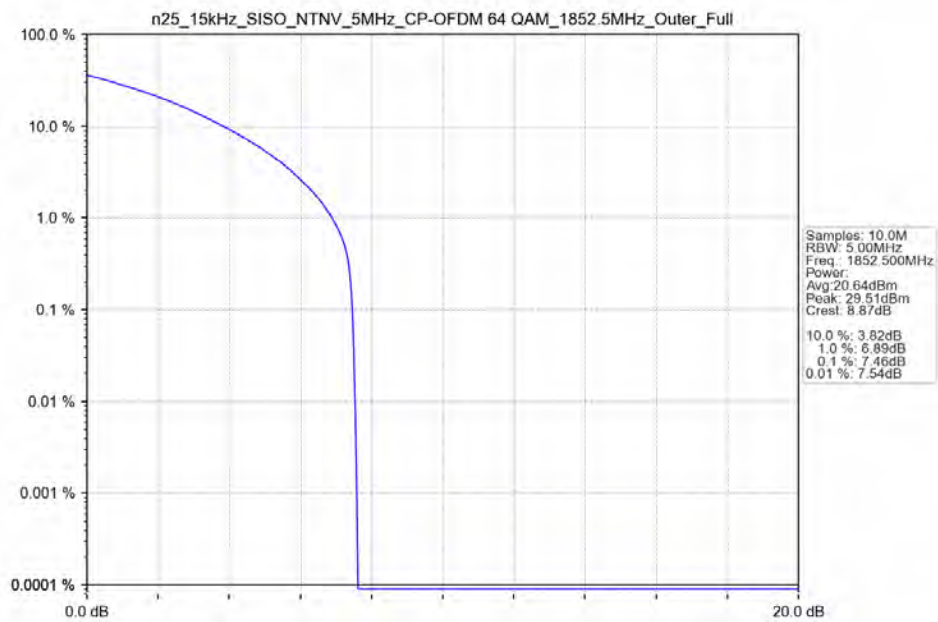
n25_15kHz_SISO_NTNV_5MHz_CP-OFDM 16 QAM_1882.5MHz_Outer_Full



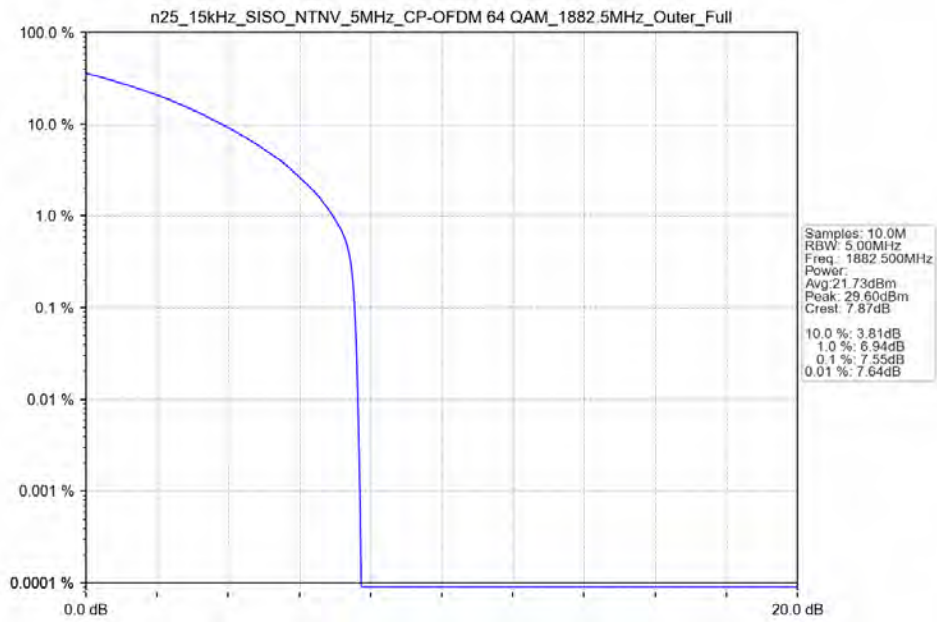
n25_15kHz_SISO_NTNV_5MHz_CP-OFDM 16 QAM_1912.5MHz_Outer_Full



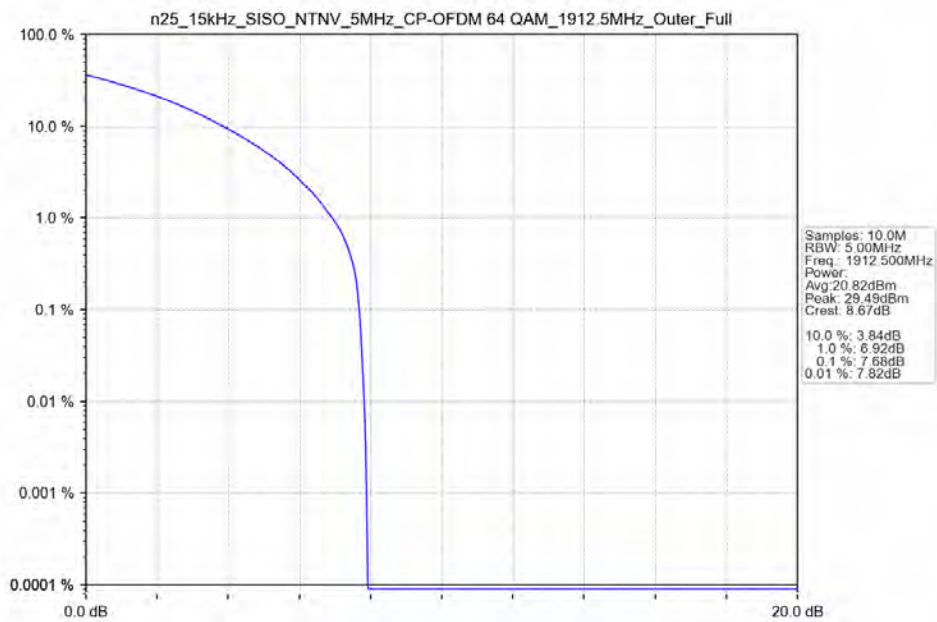
n25_15kHz_SISO_NTNV_5MHz_CP-OFDM 64 QAM_1852.5MHz_Outer_Full



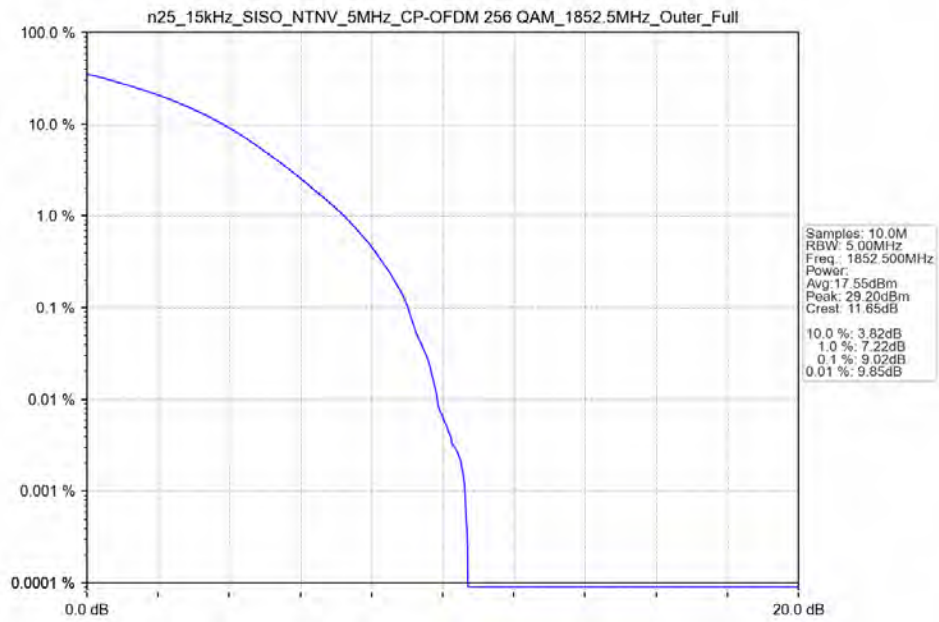
n25_15kHz_SISO_NTNV_5MHz_CP-OFDM 64 QAM_1882.5MHz_Outer_Full



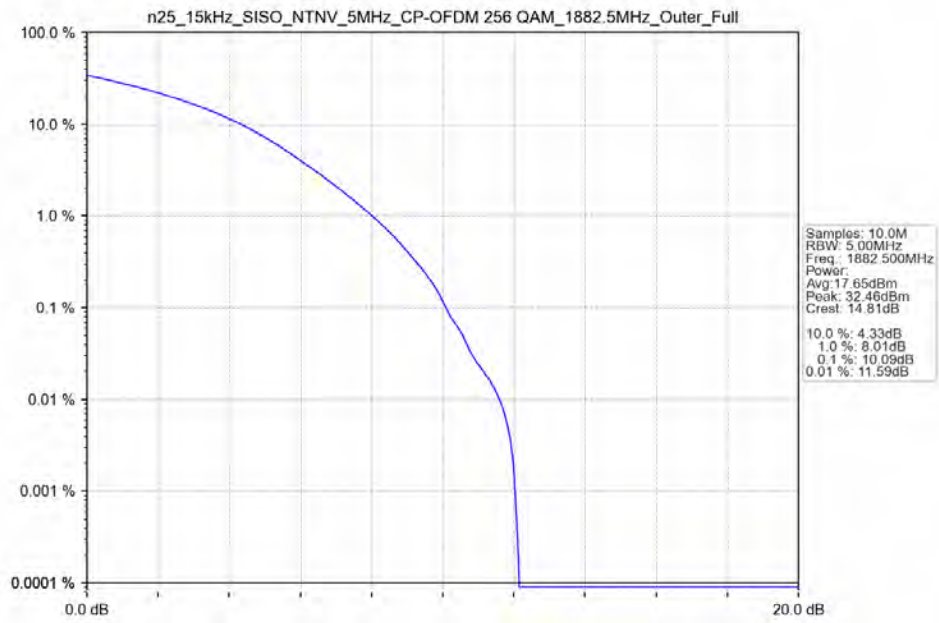
n25_15kHz_SISO_NTNV_5MHz_CP-OFDM 64 QAM_1912.5MHz_Outer_Full



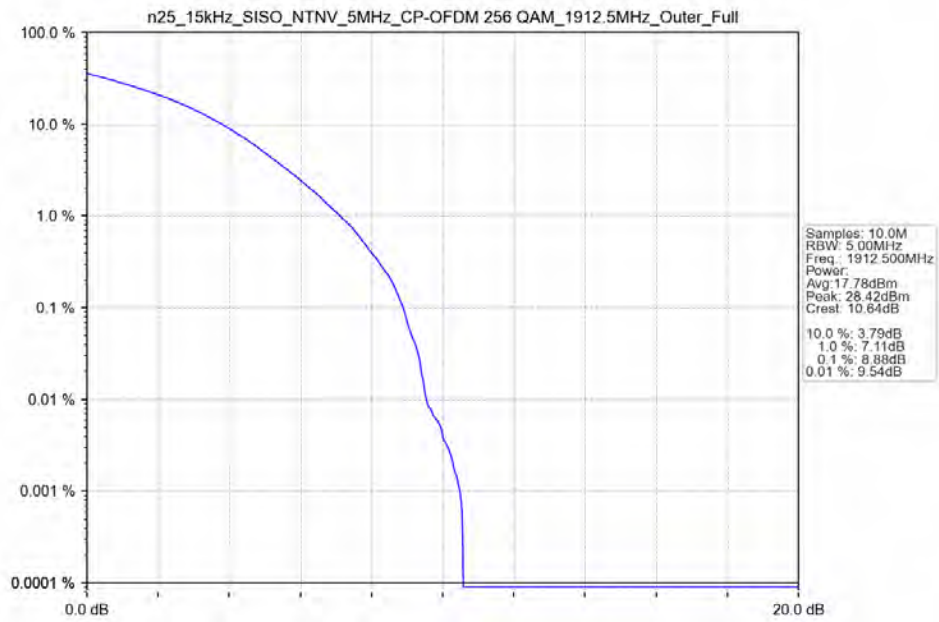
n25_15kHz_SISO_NTNV_5MHz_CP-OFDM 256 QAM_1852.5MHz_Outer_Full



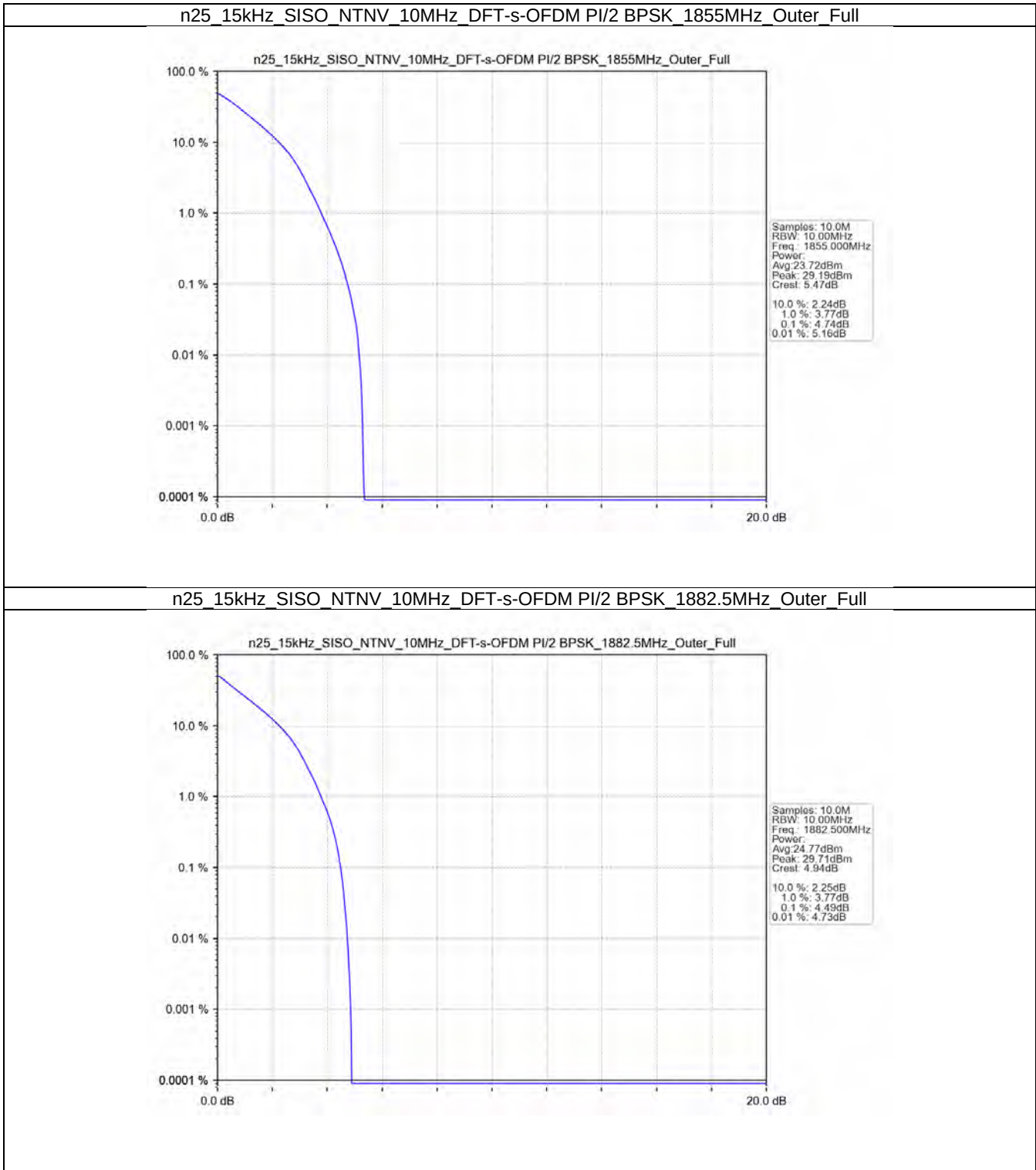
n25_15kHz_SISO_NTNV_5MHz_CP-OFDM 256 QAM_1882.5MHz_Outer_Full



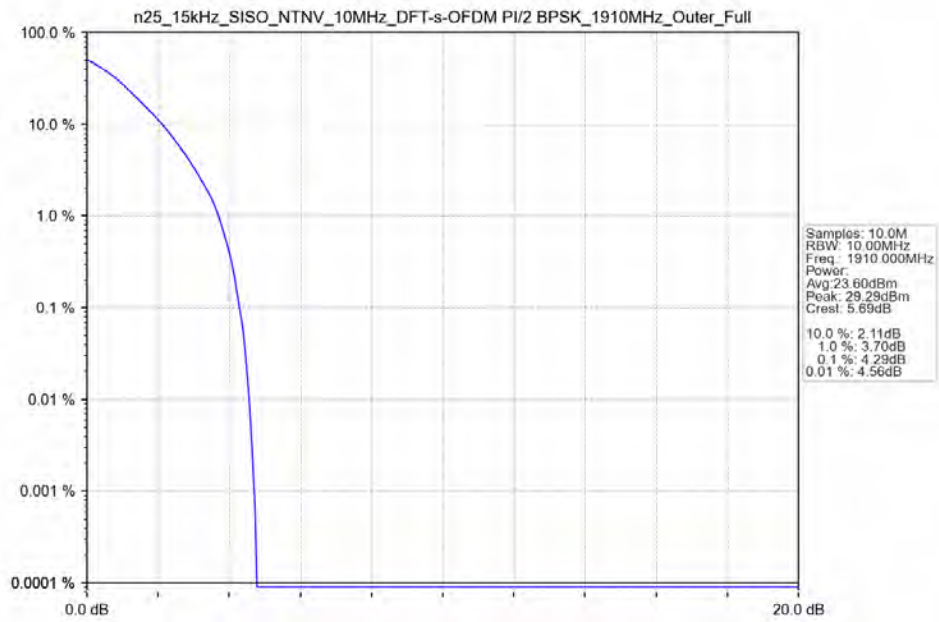
n25_15kHz_SISO_NTNV_5MHz_CP-OFDM 256 QAM_1912.5MHz_Outer_Full



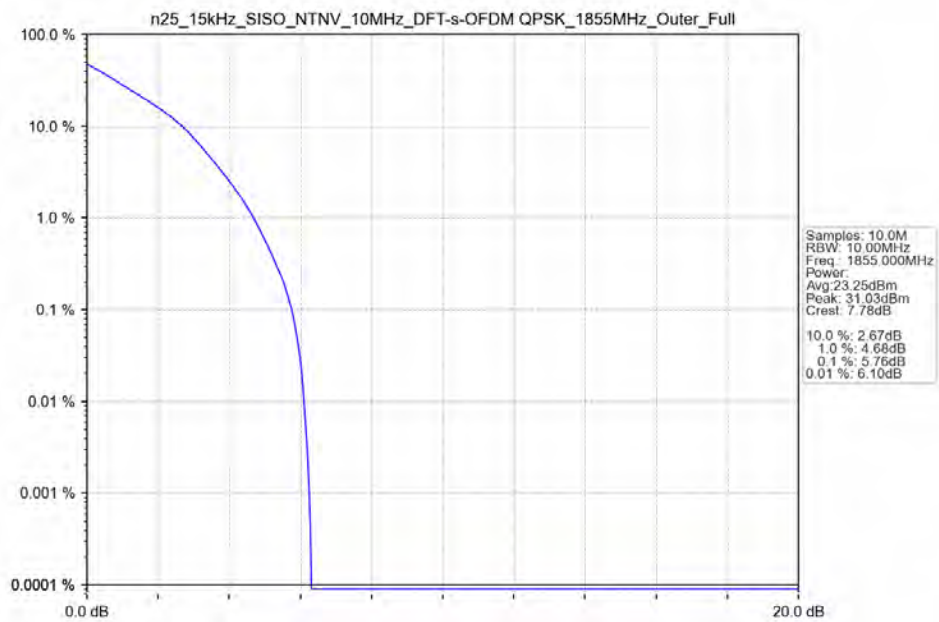
4.2.2 15k_SISO_10MHz_NTNV



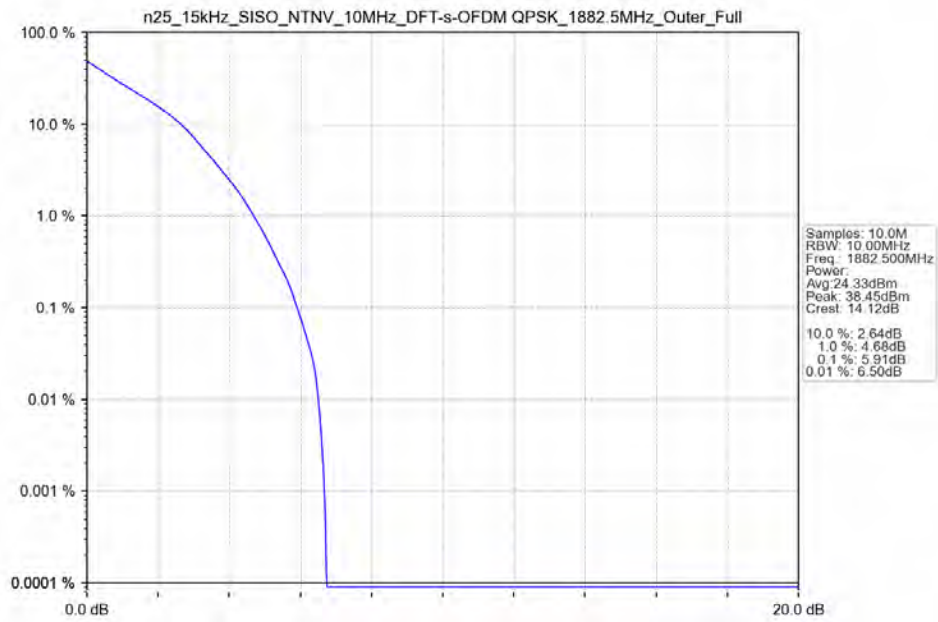
n25_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_1910MHz_Outer_Full



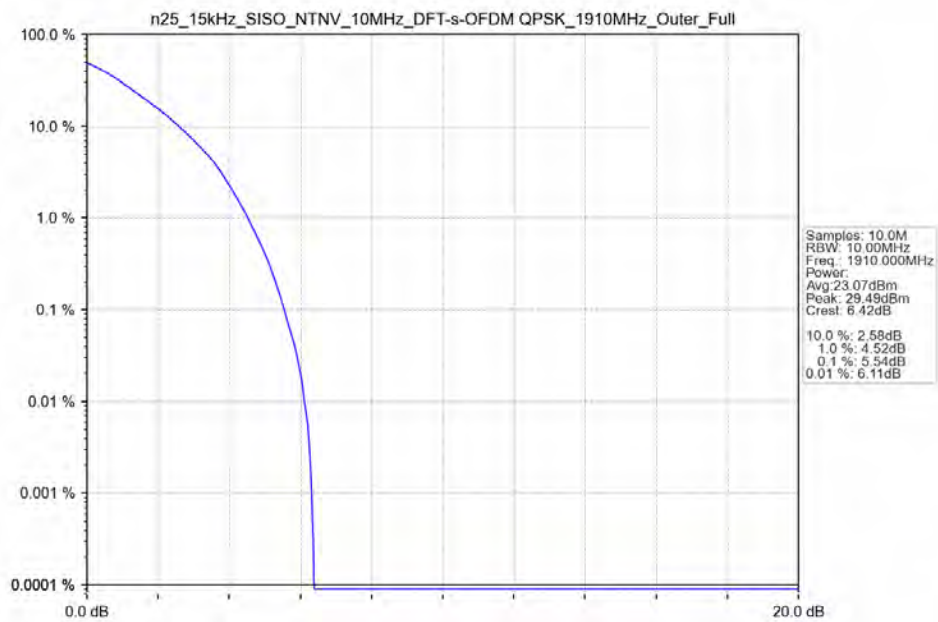
n25_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_1855MHz_Outer_Full



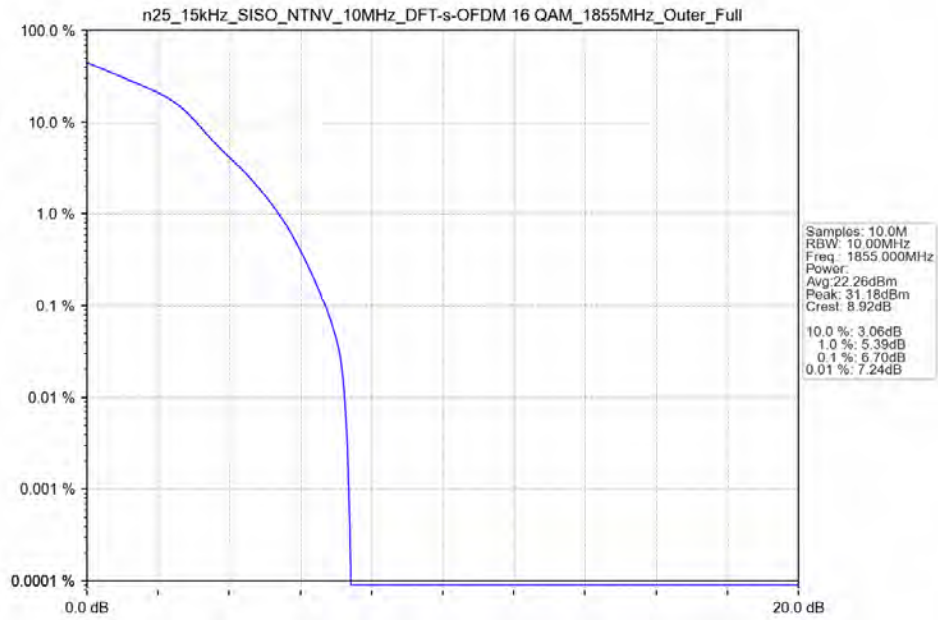
n25_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_1882.5MHz_Outer_Full



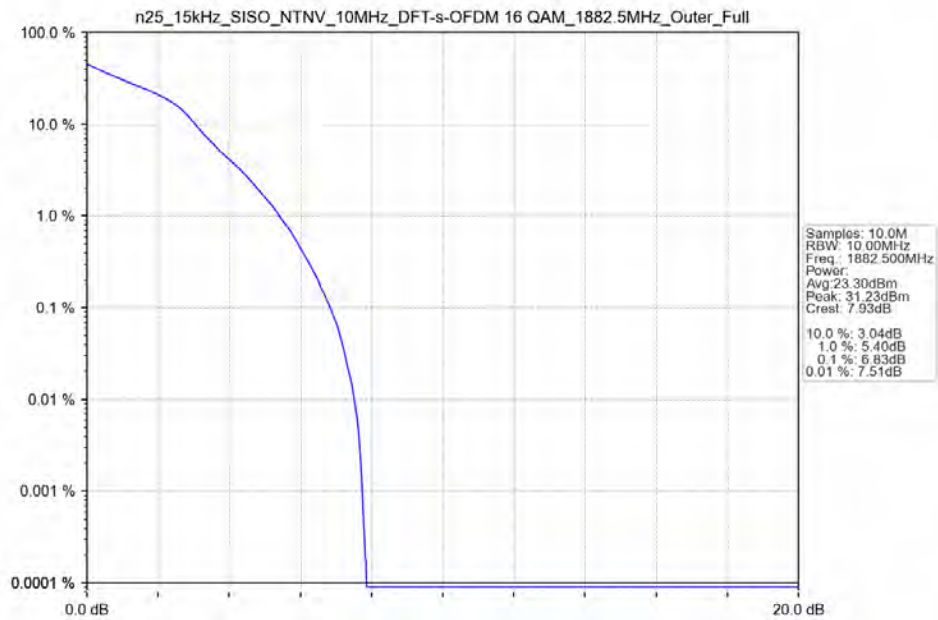
n25_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_1910MHz_Outer_Full



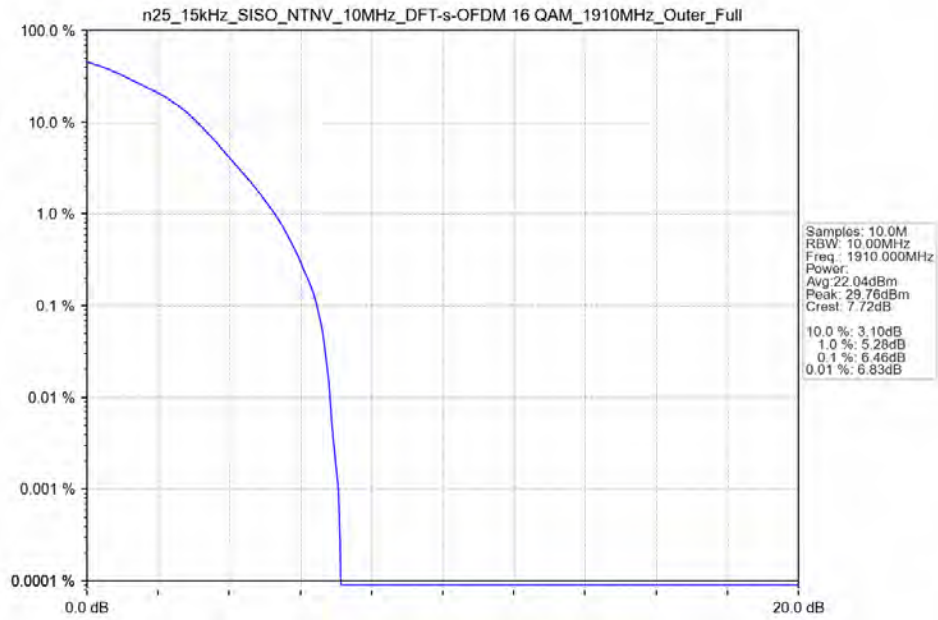
n25_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_16_QAM_1855MHz_Outer_Full



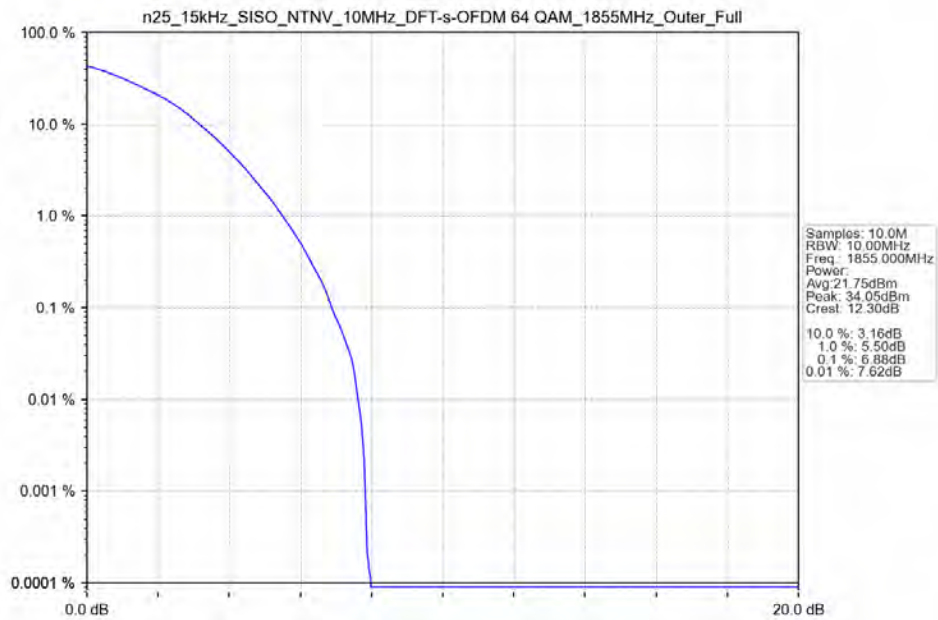
n25_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_16_QAM_1882.5MHz_Outer_Full



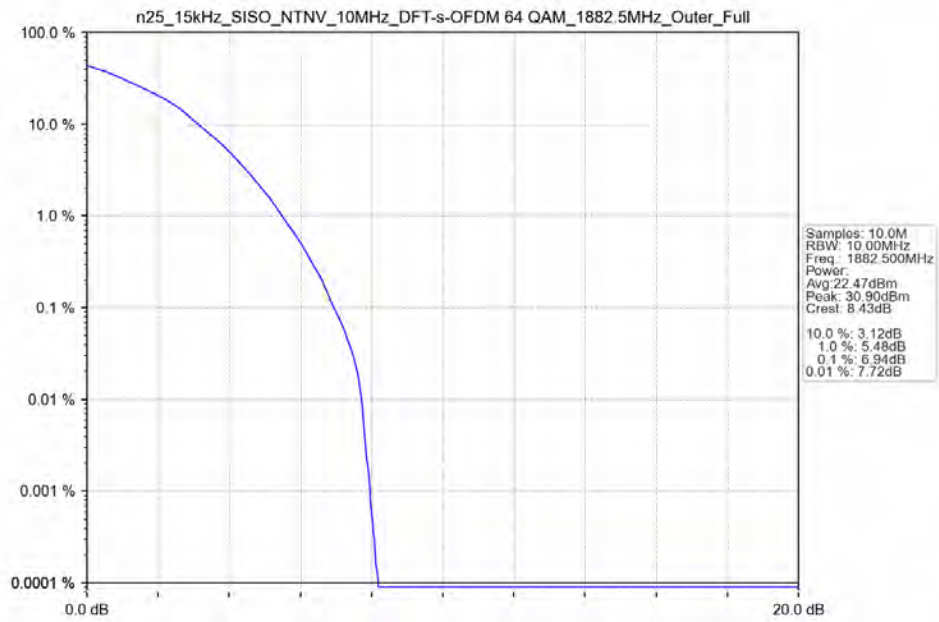
n25_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_16_QAM_1910MHz_Outer_Full



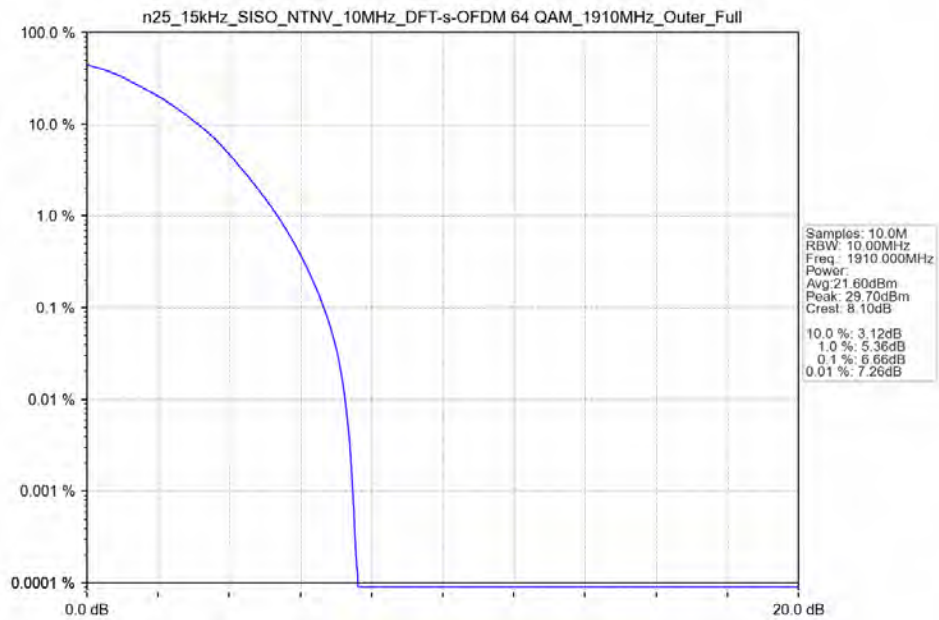
n25_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_64_QAM_1855MHz_Outer_Full



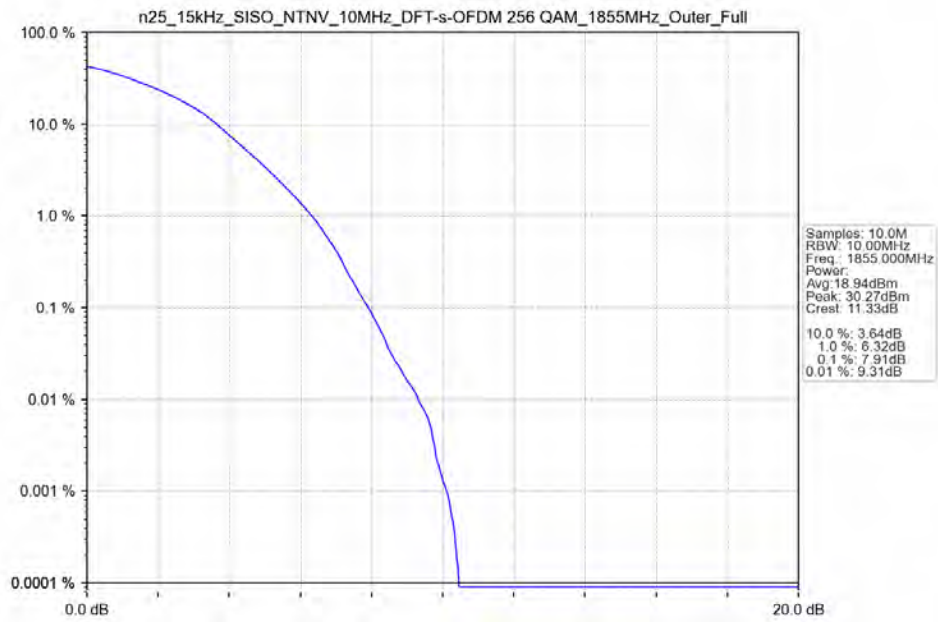
n25_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 64 QAM_1882.5MHz_Outer_Full



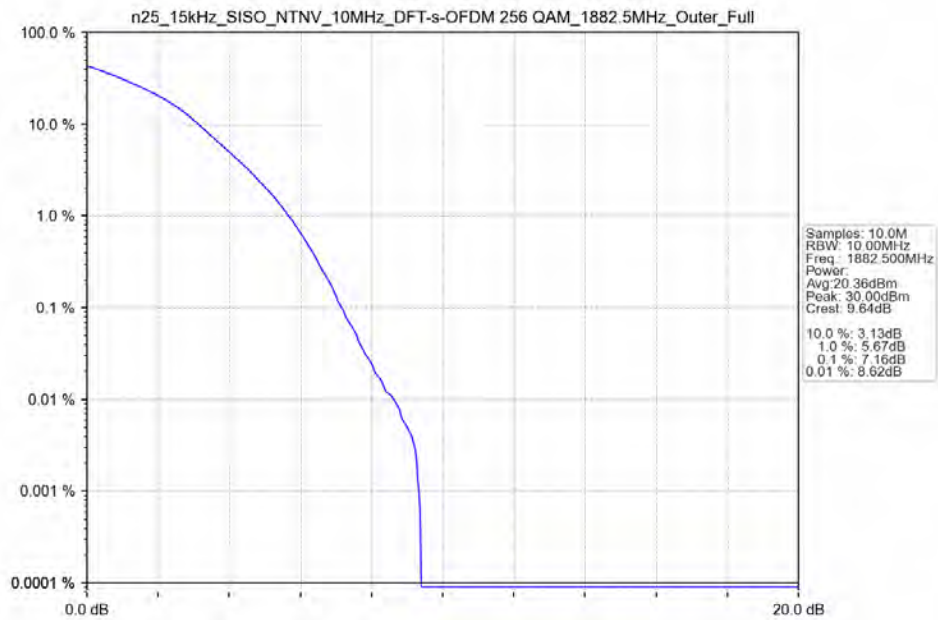
n25_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 64 QAM_1910MHz_Outer_Full



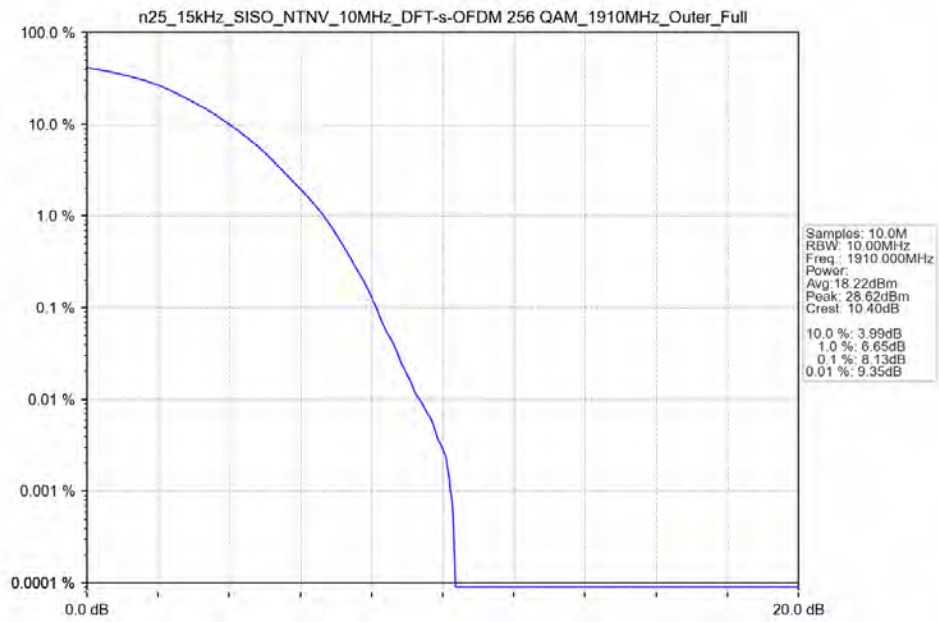
n25_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 256 QAM_1855MHz_Outer_Full



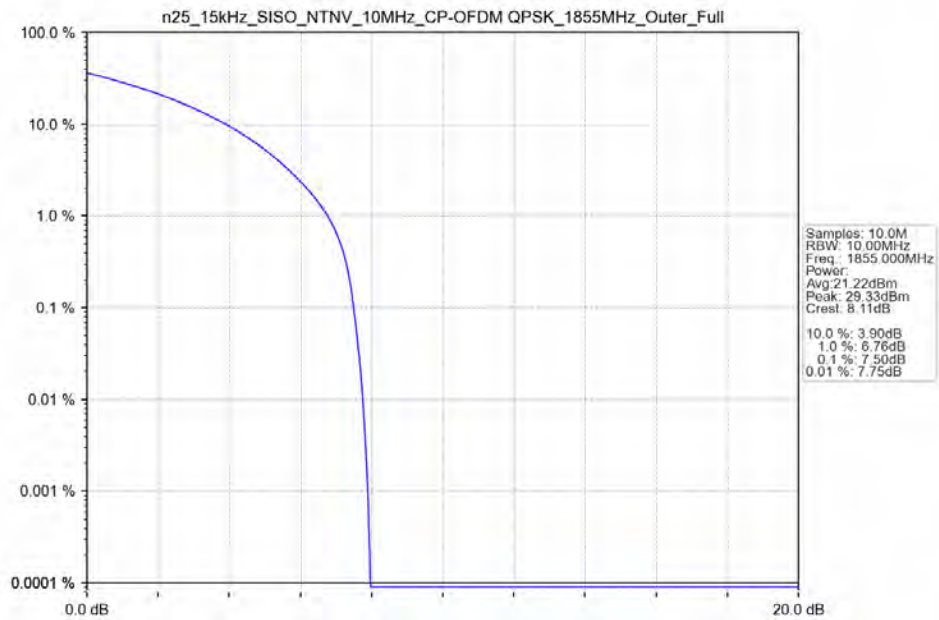
n25_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 256 QAM_1882.5MHz_Outer_Full



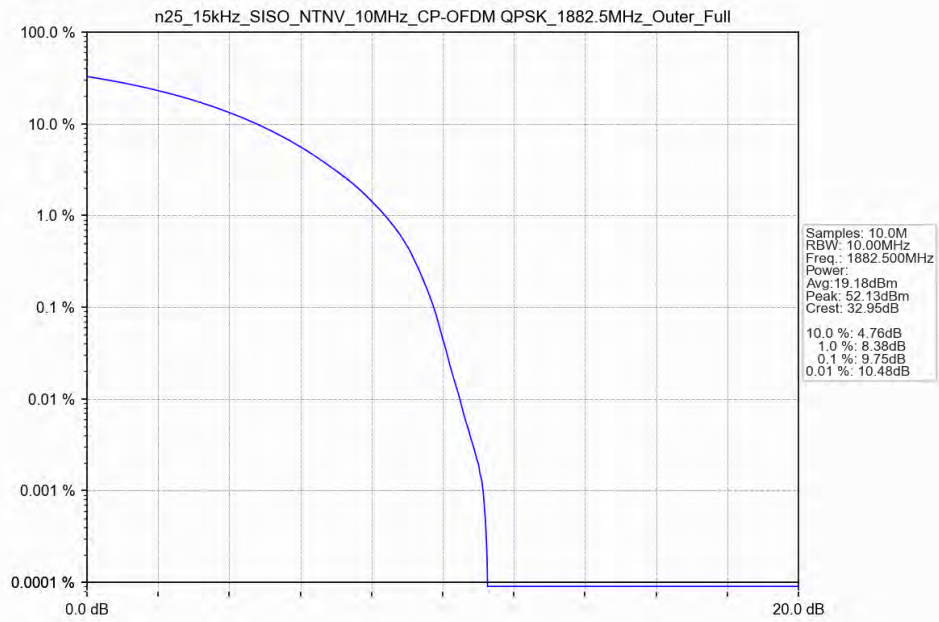
n25_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 256 QAM_1910MHz_Outer_Full



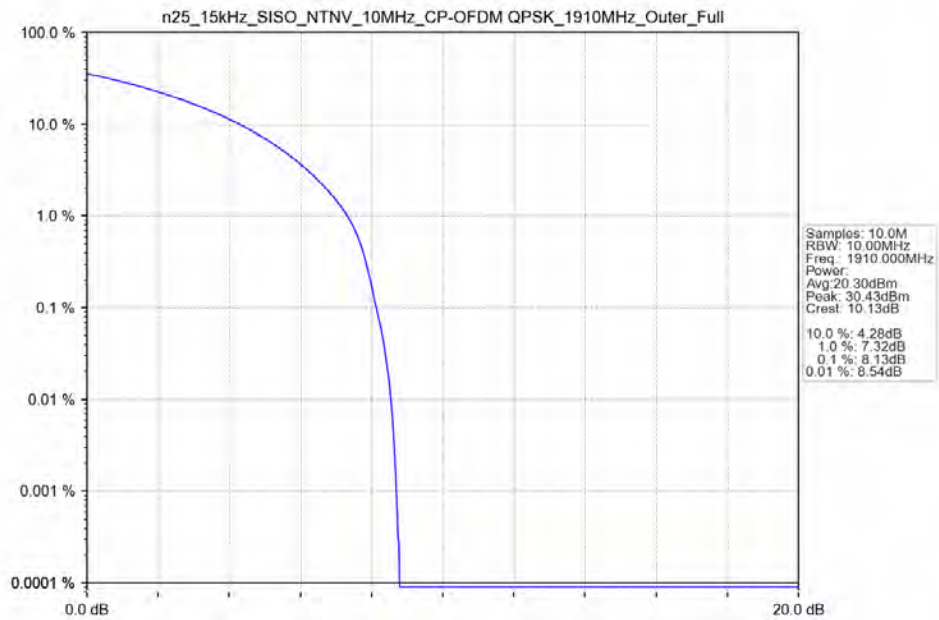
n25_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_1855MHz_Outer_Full



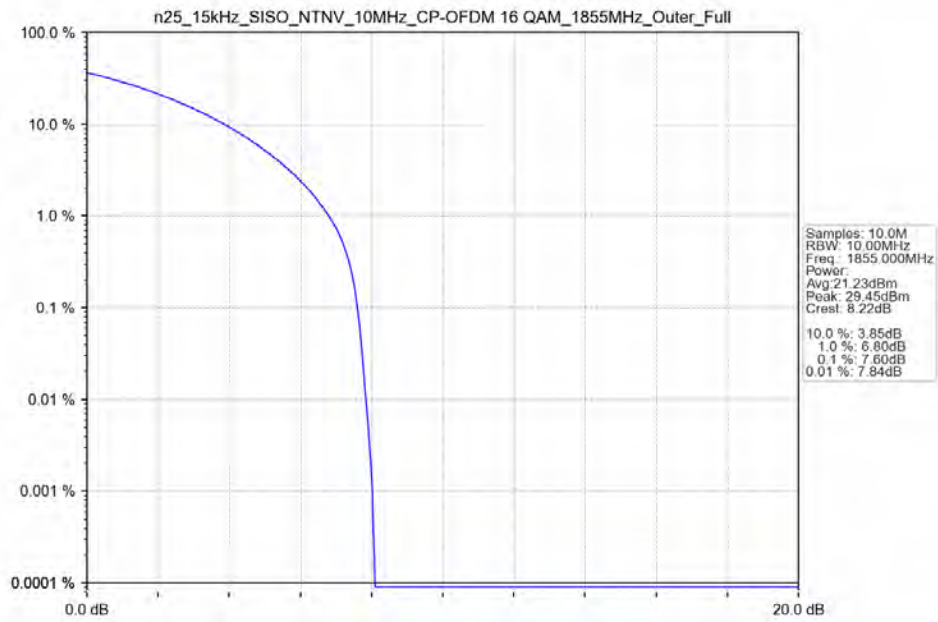
n25_15kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_1882.5MHz_Outer_Full



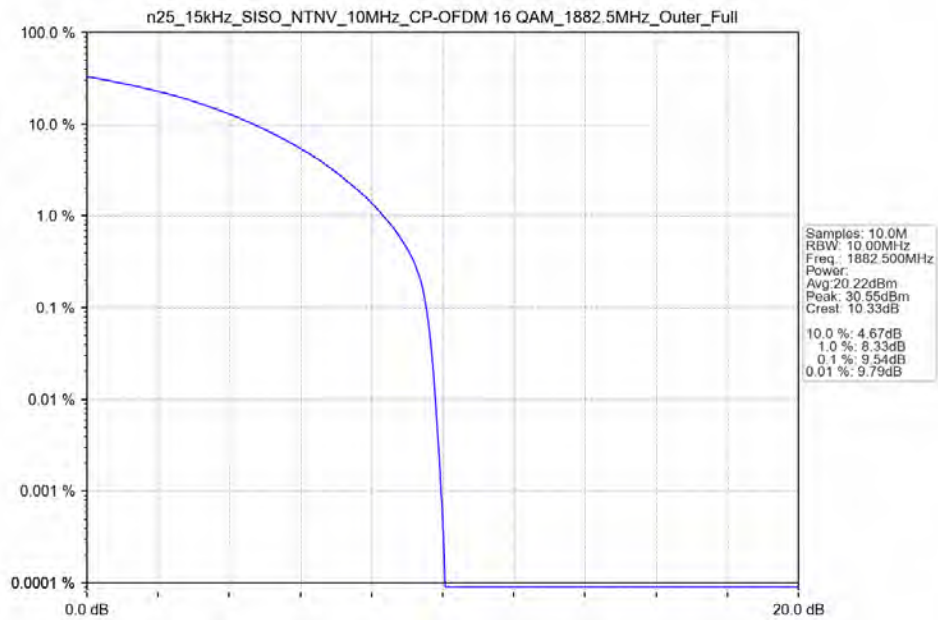
n25_15kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_1910MHz_Outer_Full



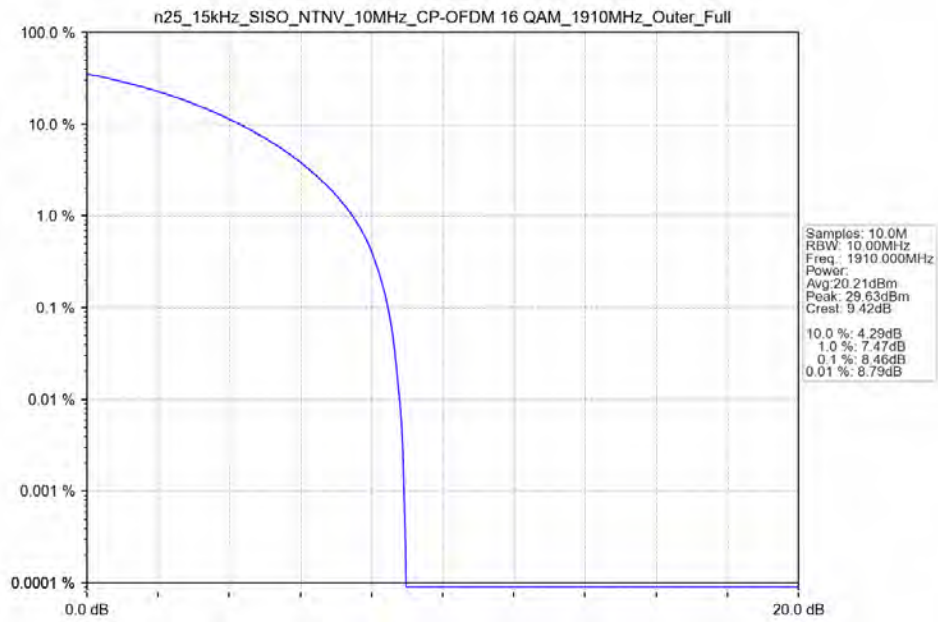
n25_15kHz_SISO_NTNV_10MHz_CP-OFDM_16 QAM_1855MHz_Outer_Full



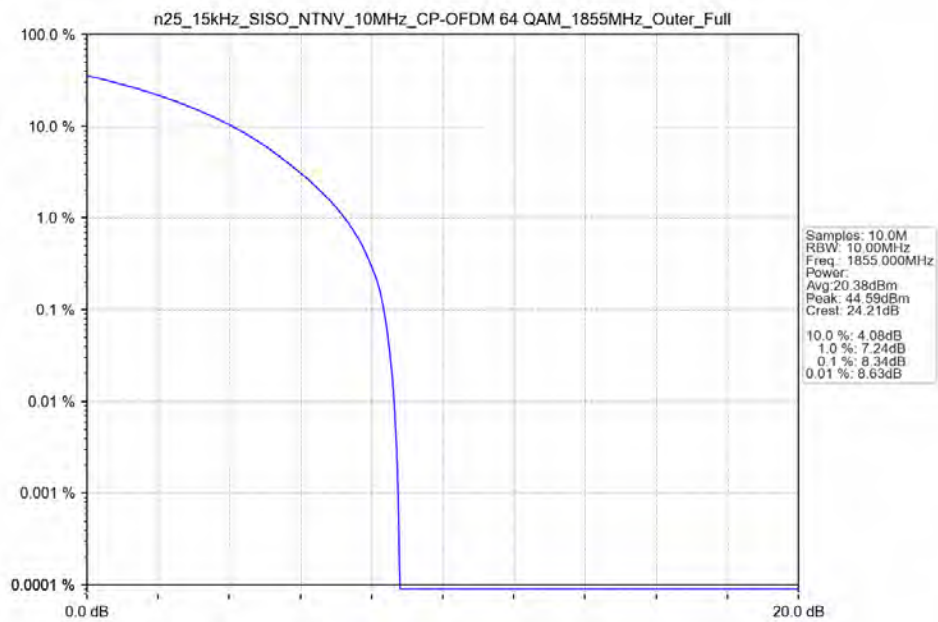
n25_15kHz_SISO_NTNV_10MHz_CP-OFDM_16 QAM_1882.5MHz_Outer_Full



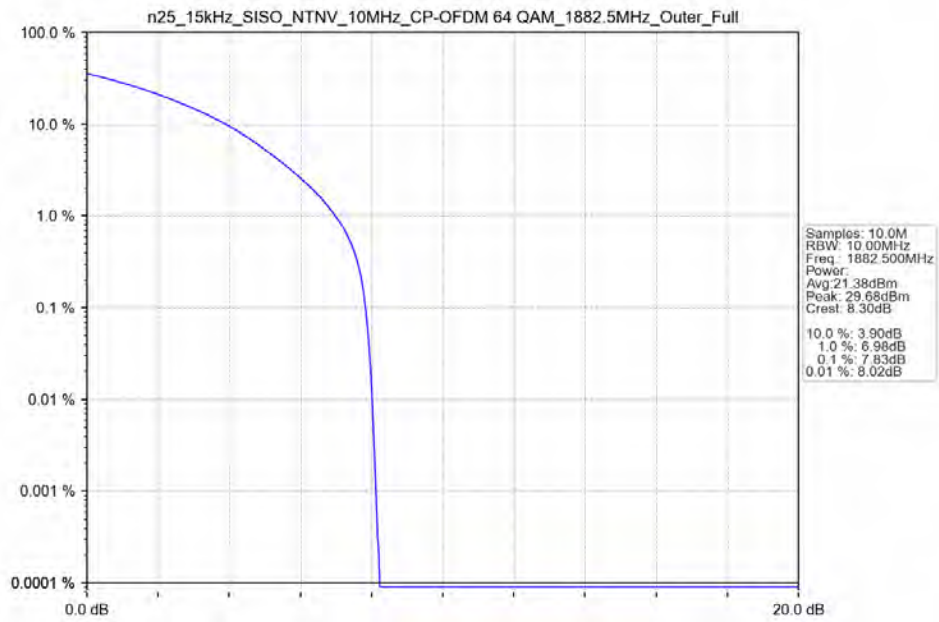
n25_15kHz_SISO_NTNV_10MHz_CP-OFDM 16 QAM_1910MHz_Outer_Full



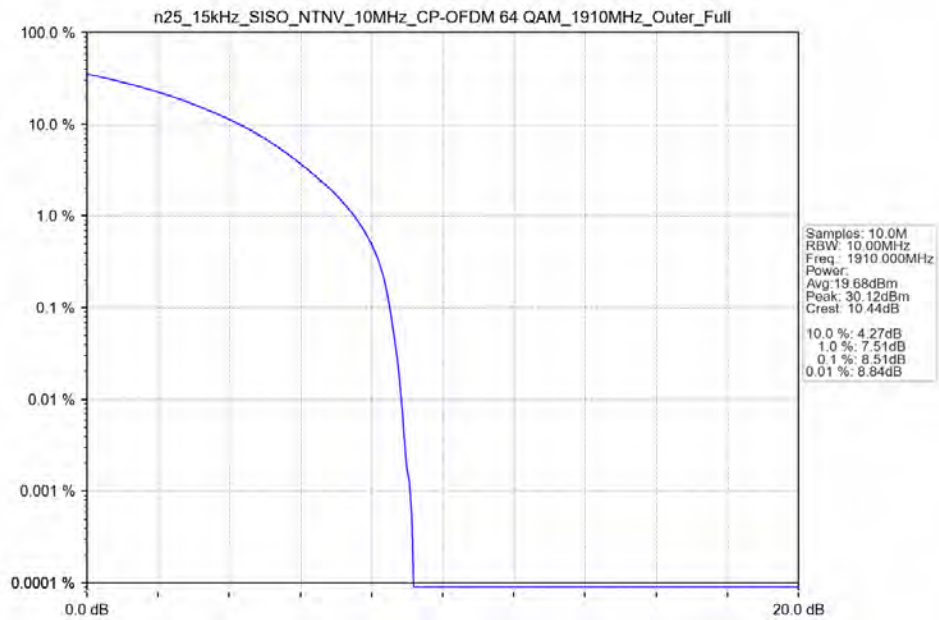
n25_15kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM_1855MHz_Outer_Full



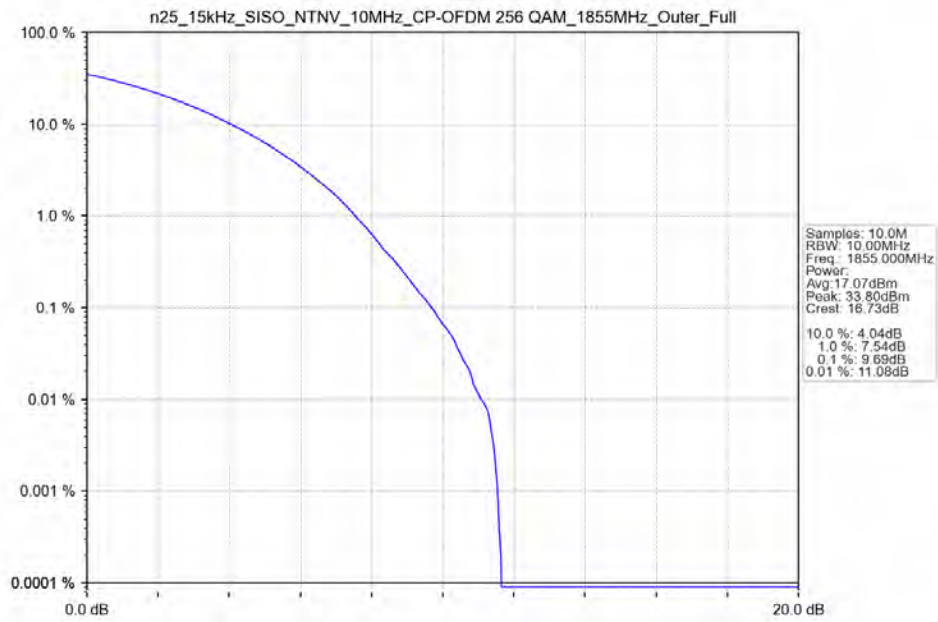
n25_15kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM_1882.5MHz_Outer_Full



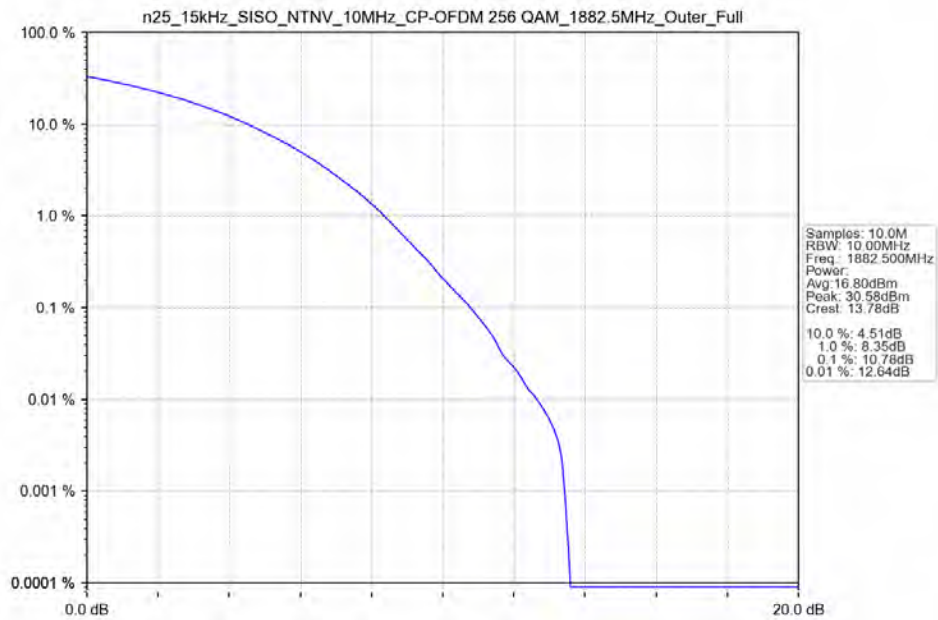
n25_15kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM_1910MHz_Outer_Full



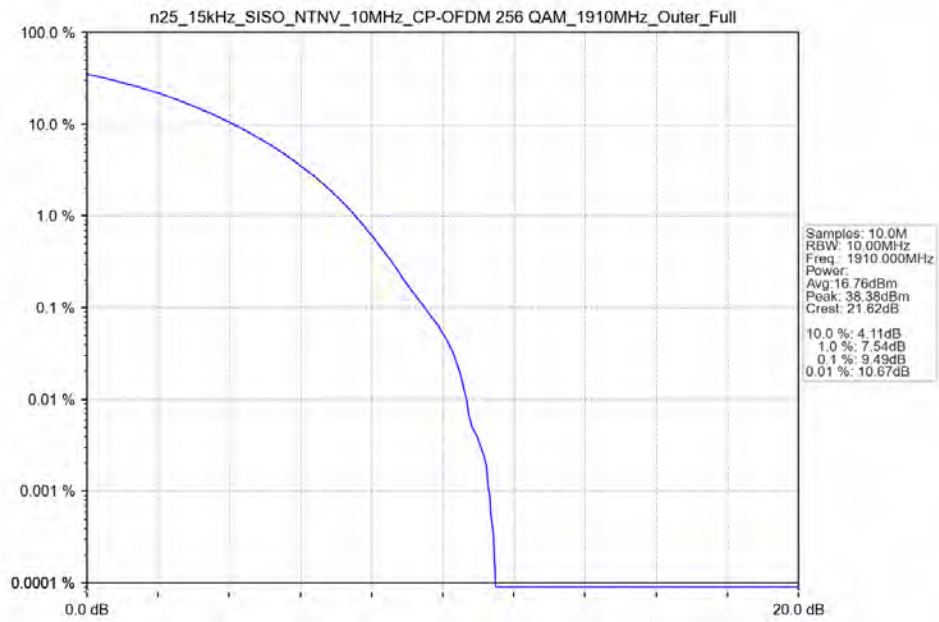
n25_15kHz_SISO_NTNV_10MHz_CP-OFDM 256 QAM_1855MHz_Outer_Full



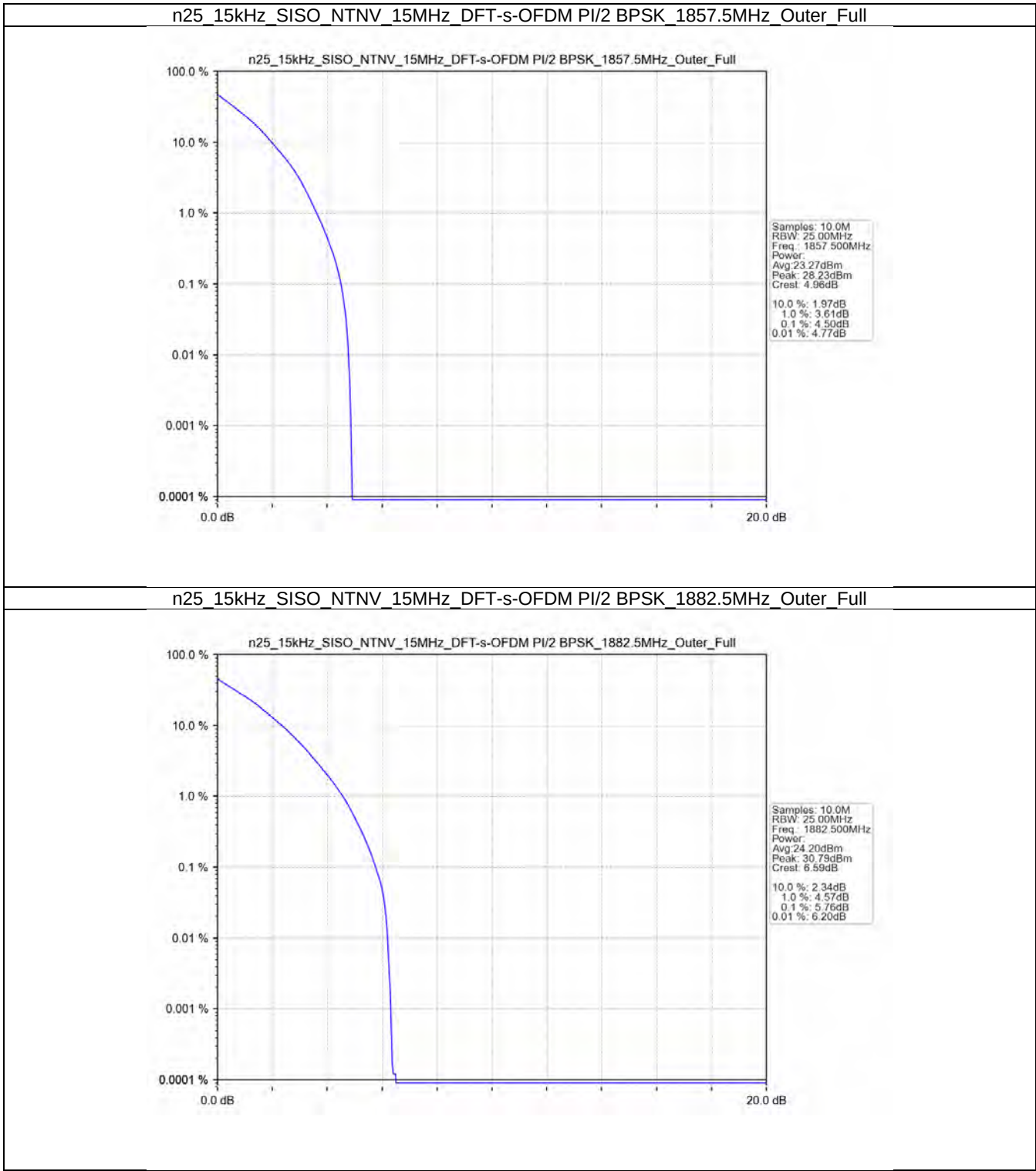
n25_15kHz_SISO_NTNV_10MHz_CP-OFDM 256 QAM_1882.5MHz_Outer_Full



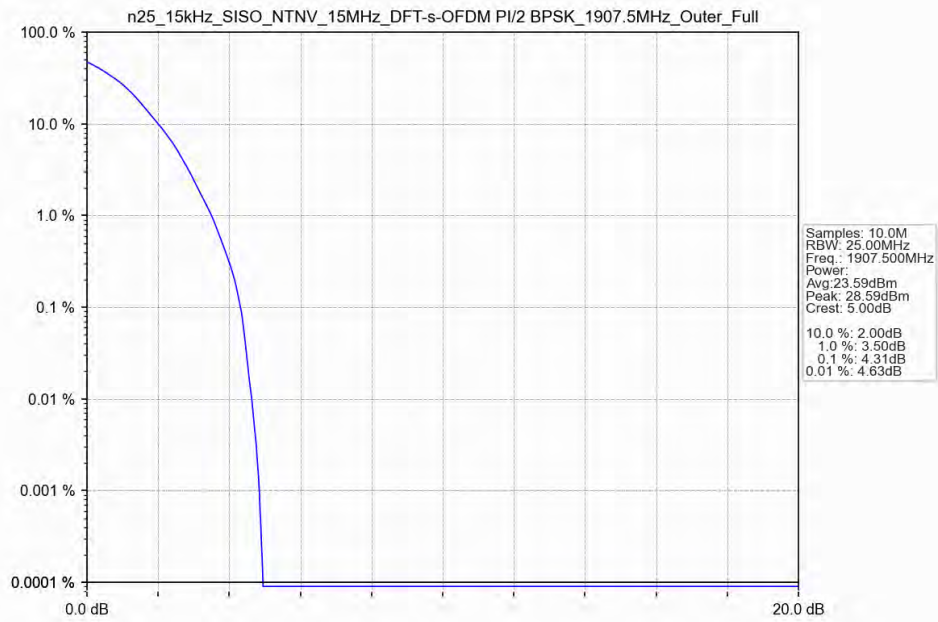
n25_15kHz_SISO_NTNV_10MHz_CP-OFDM 256 QAM 1910MHz_Outer_Full



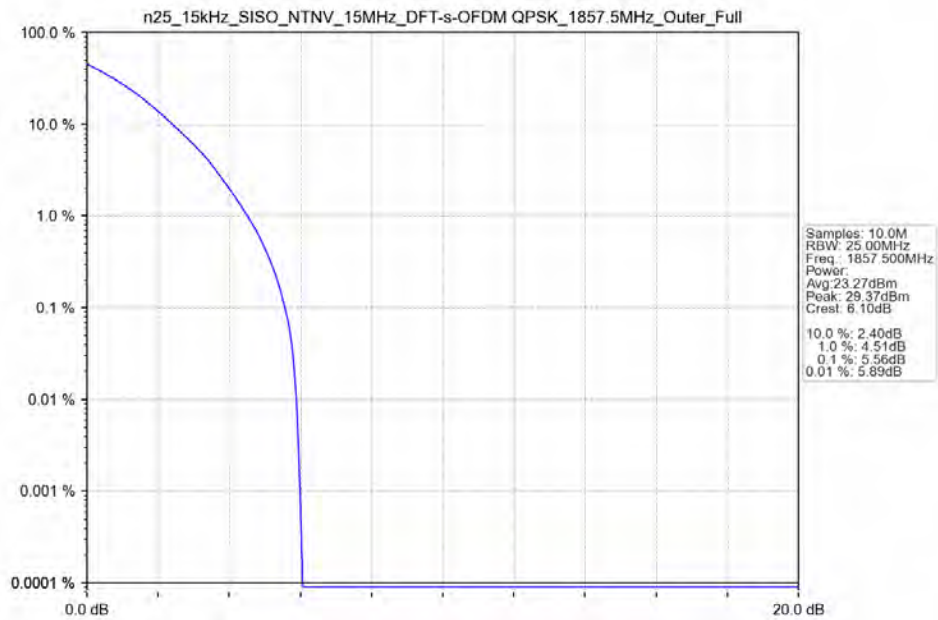
4.2.3 15k_SISO_15MHz_NTNV



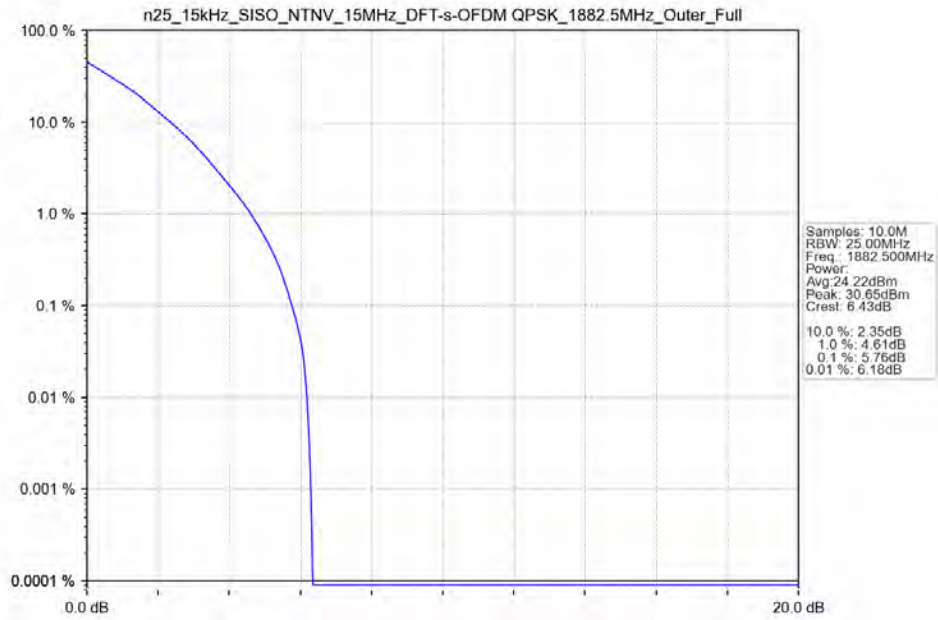
n25_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_1907.5MHz_Outer_Full



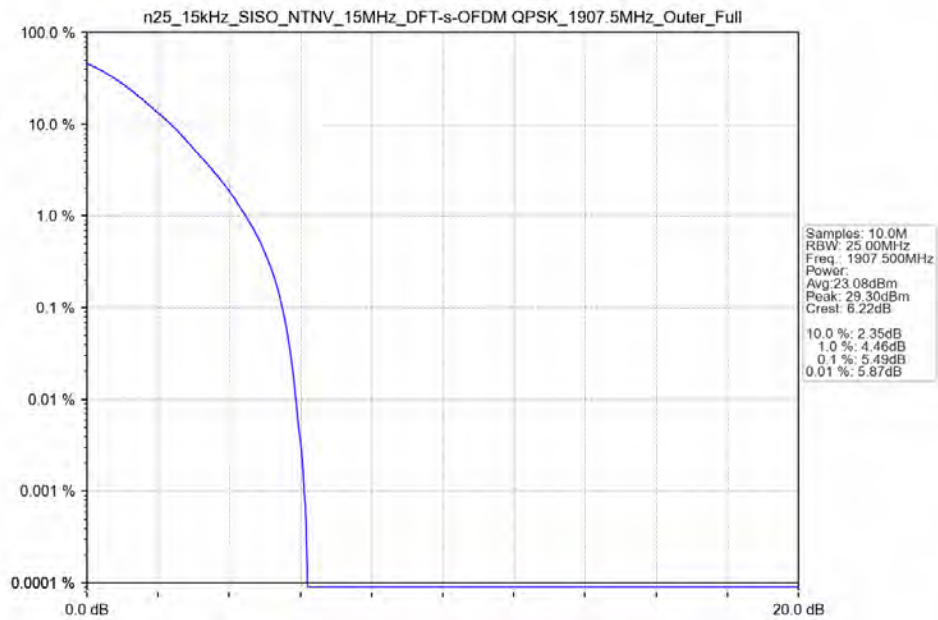
n25_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_1857.5MHz_Outer_Full



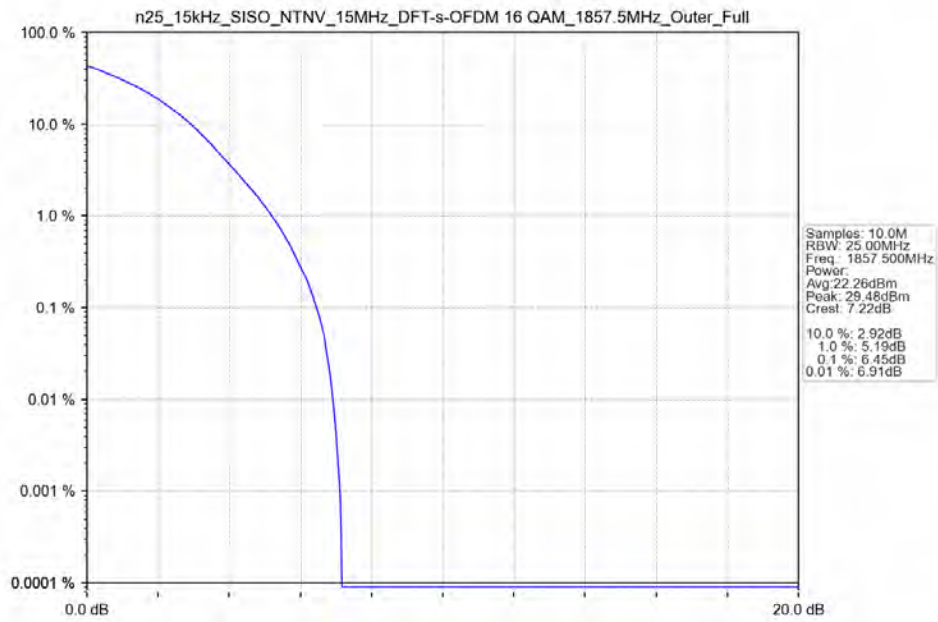
n25_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_1882.5MHz_Outer_Full



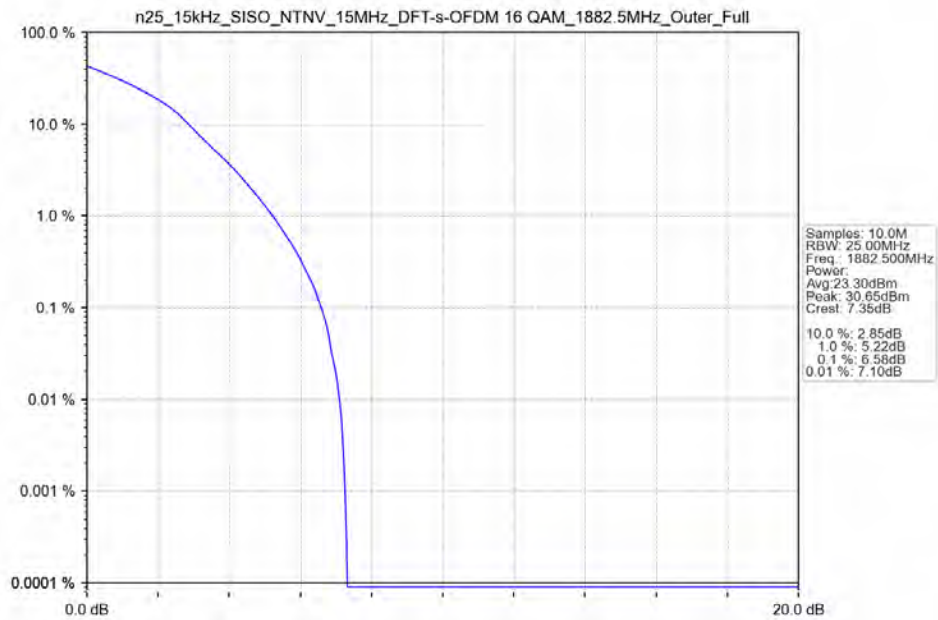
n25_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_1907.5MHz_Outer_Full



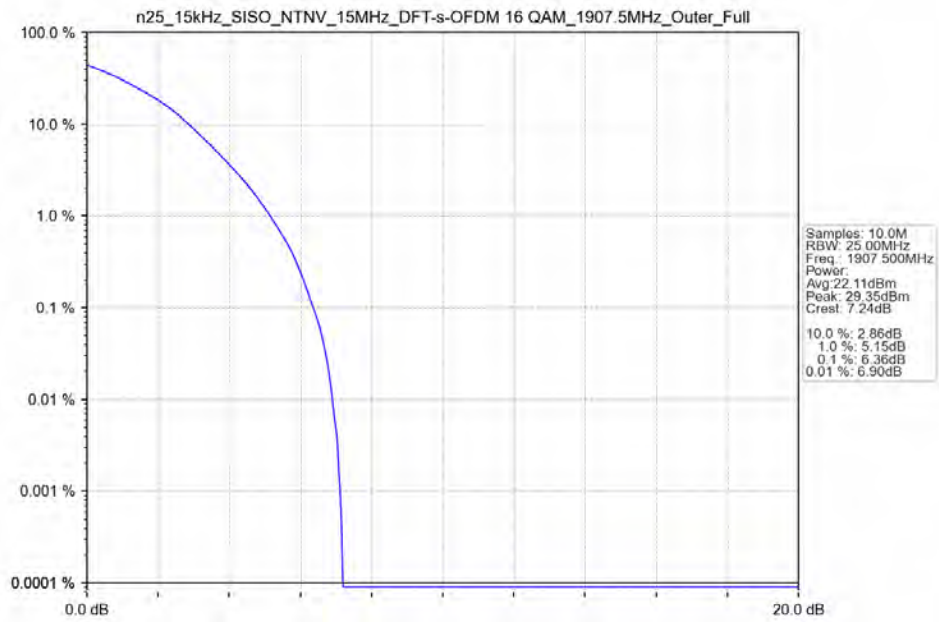
n25_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_16_QAM_1857.5MHz_Outer_Full



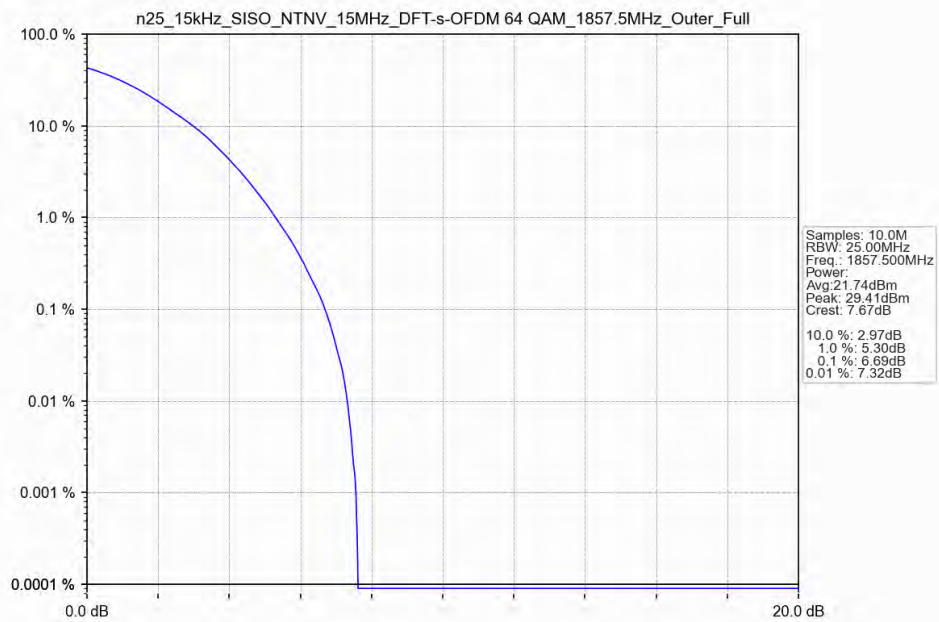
n25_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_16_QAM_1882.5MHz_Outer_Full



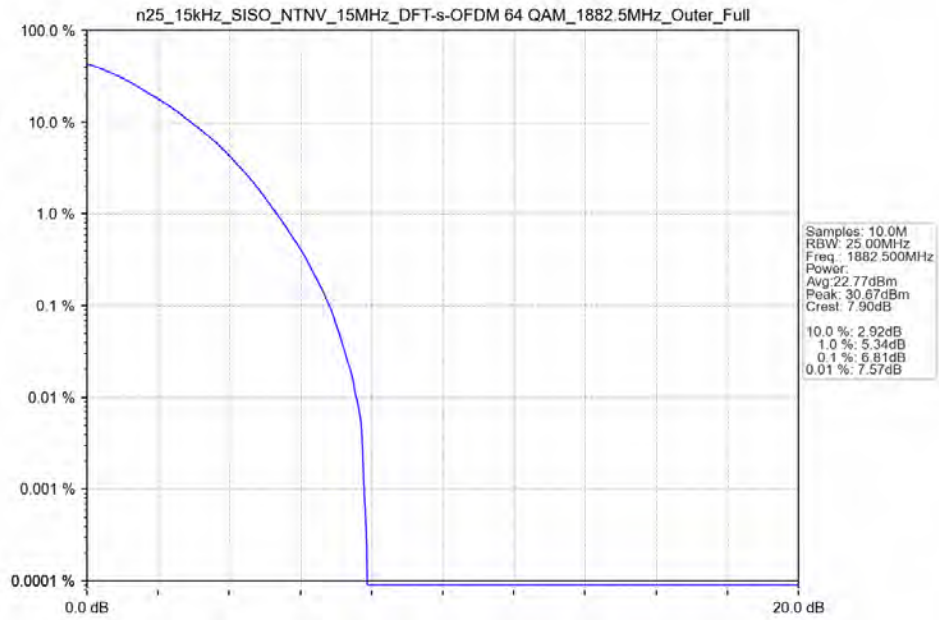
n25_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 16 QAM_1907.5MHz_Outer_Full



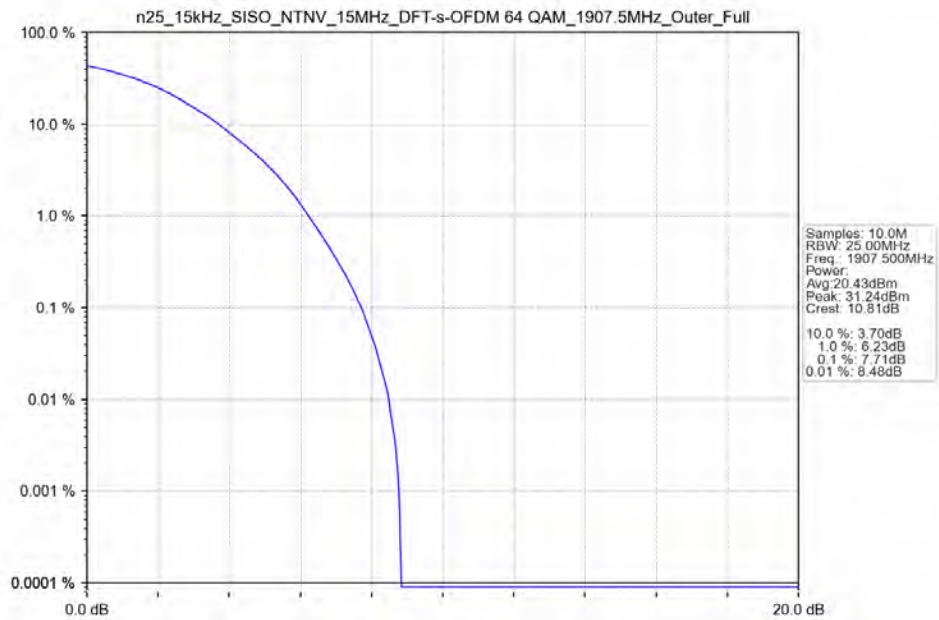
n25_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 64 QAM_1857.5MHz_Outer_Full



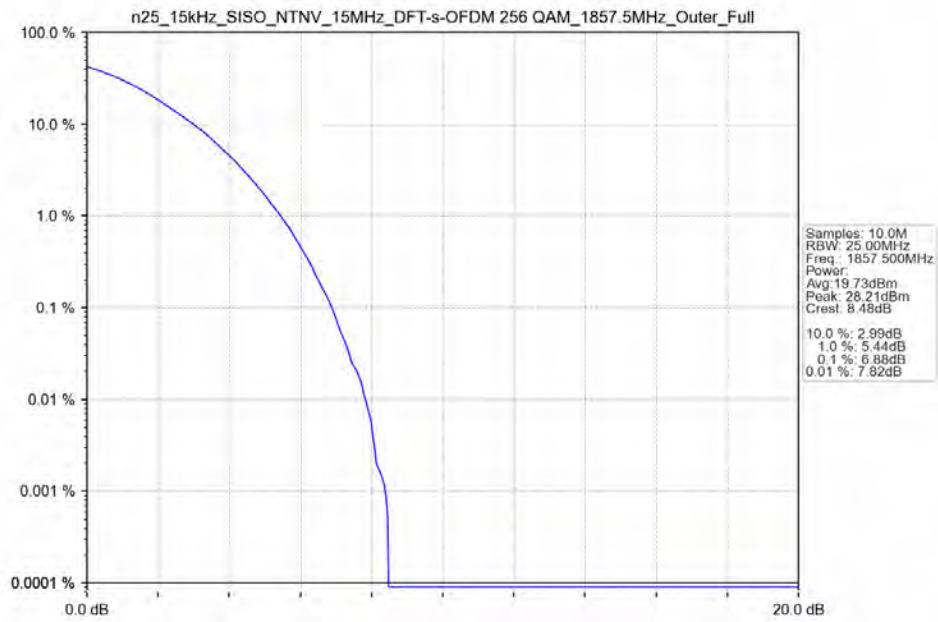
n25_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_64_QAM_1882.5MHz_Outer_Full



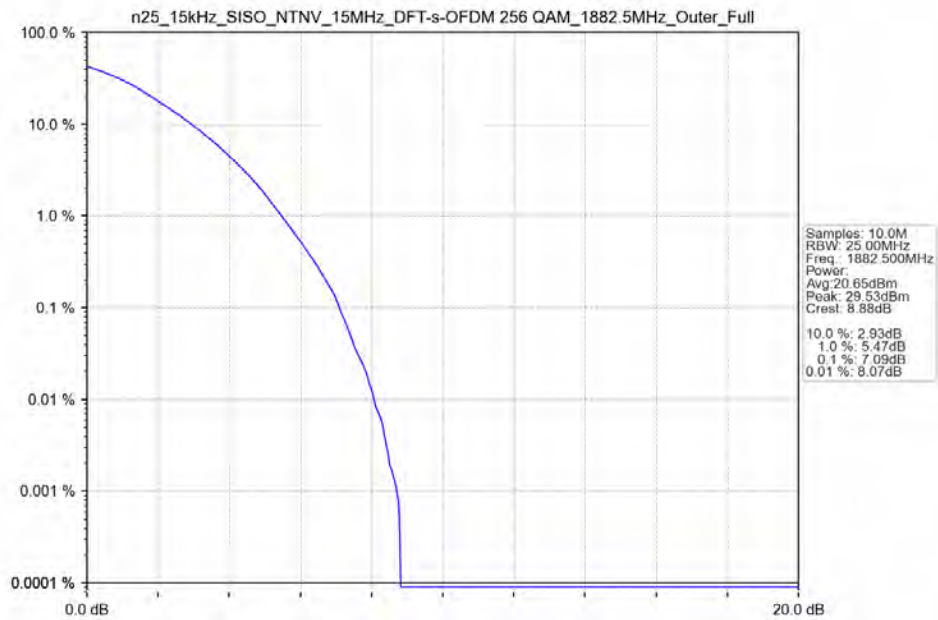
n25_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_64_QAM_1907.5MHz_Outer_Full



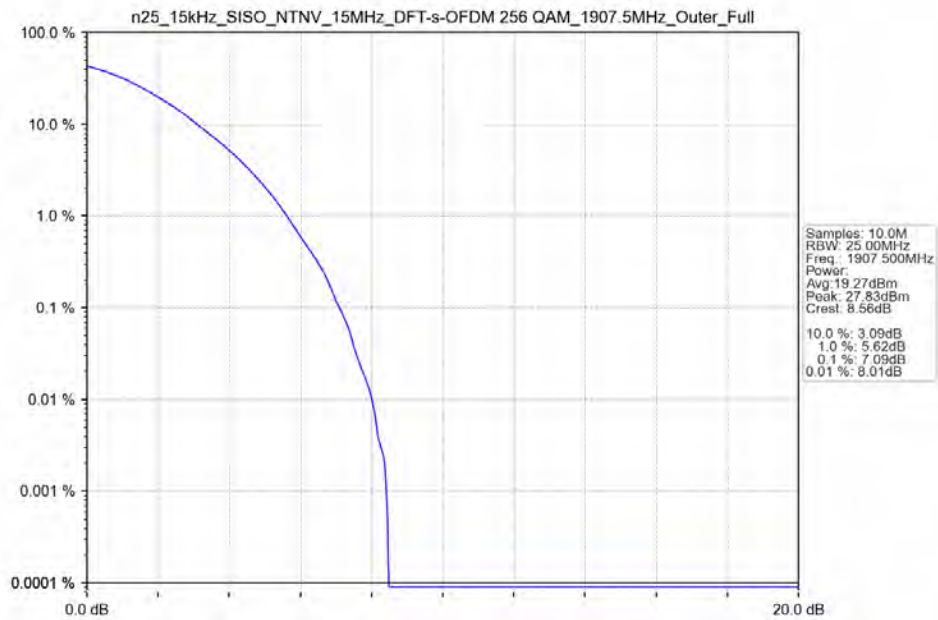
n25_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_256_QAM_1857.5MHz_Outer_Full



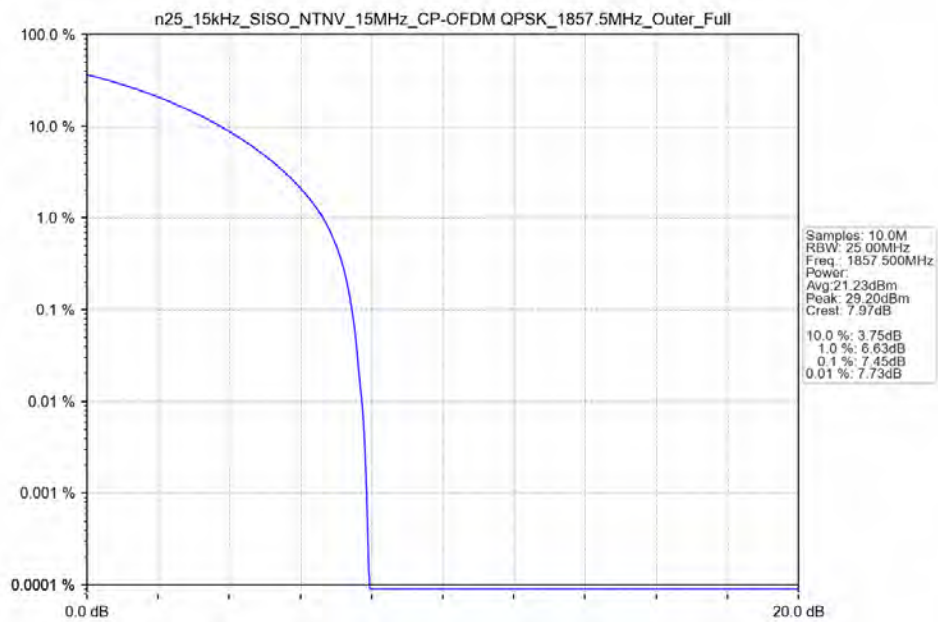
n25_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_256_QAM_1882.5MHz_Outer_Full



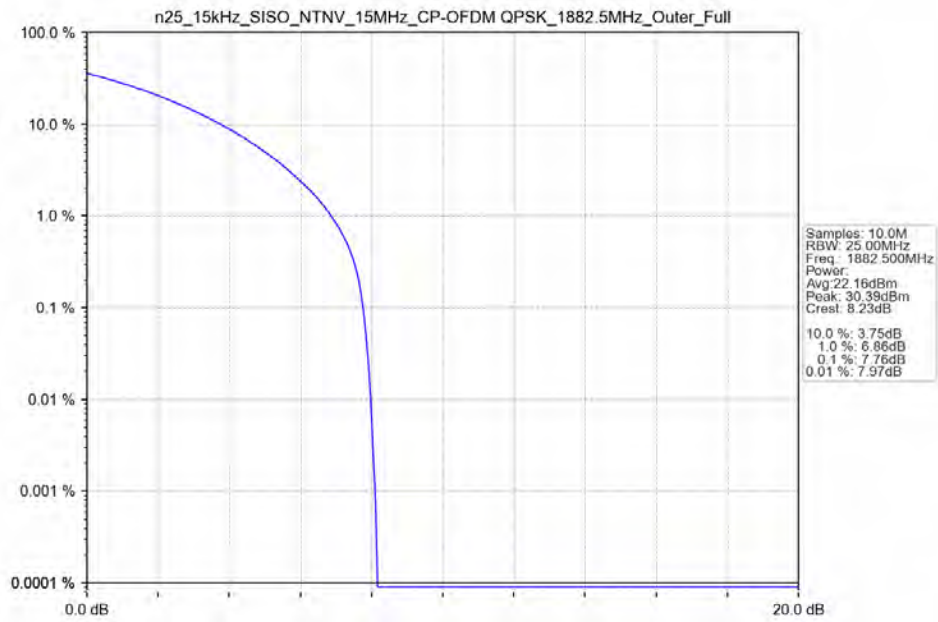
n25_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_256_QAM_1907.5MHz_Outer_Full



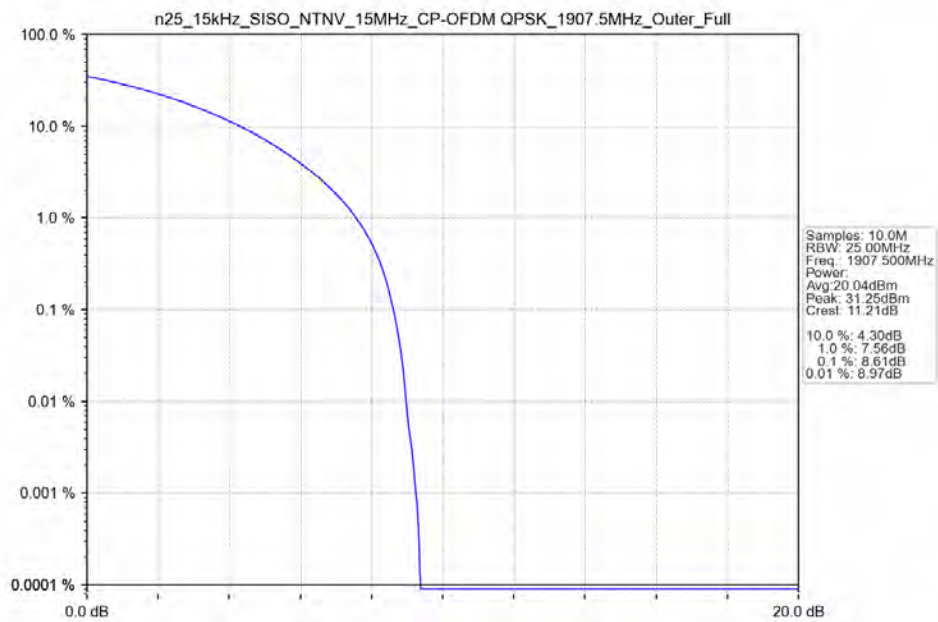
n25_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_1857.5MHz_Outer_Full



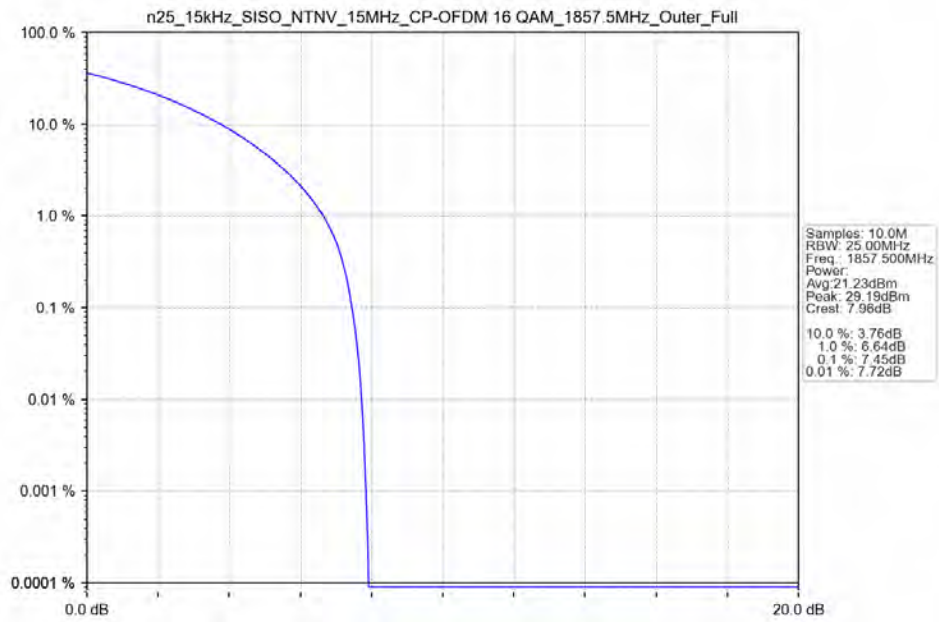
n25_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_1882.5MHz_Outer_Full



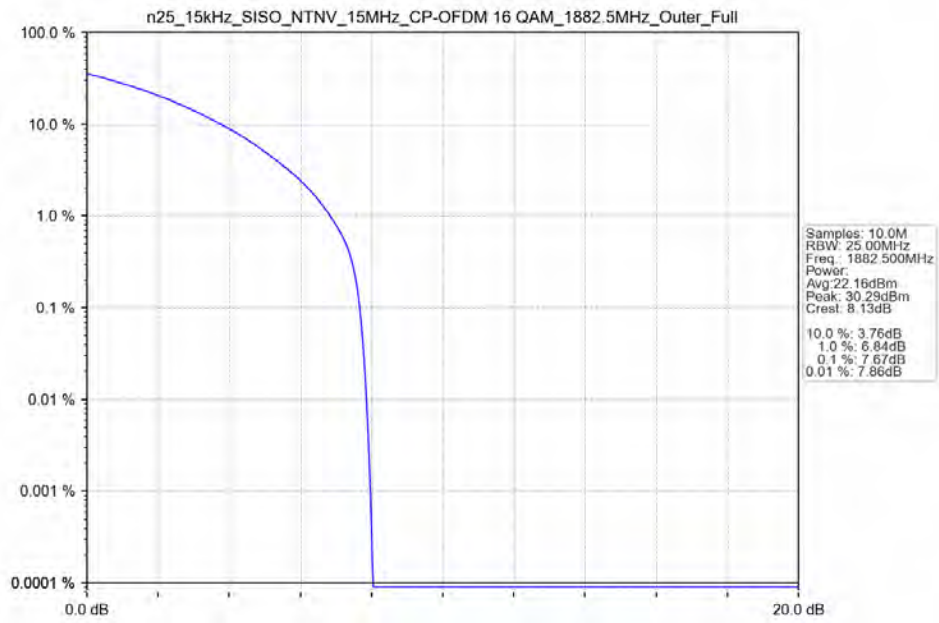
n25_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_1907.5MHz_Outer_Full



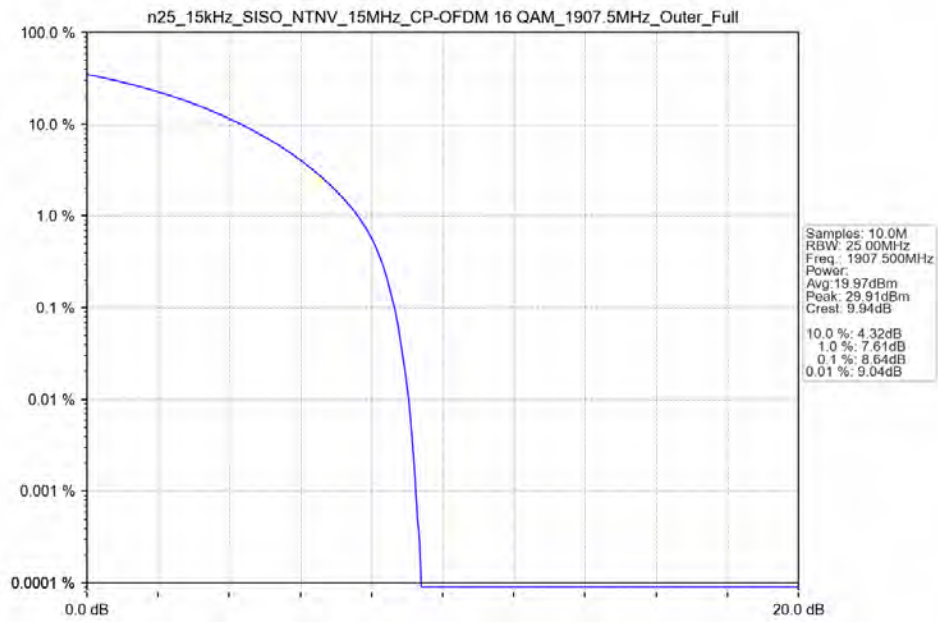
n25_15kHz_SISO_NTNV_15MHz_CP-OFDM 16 QAM_1857.5MHz_Outer_Full



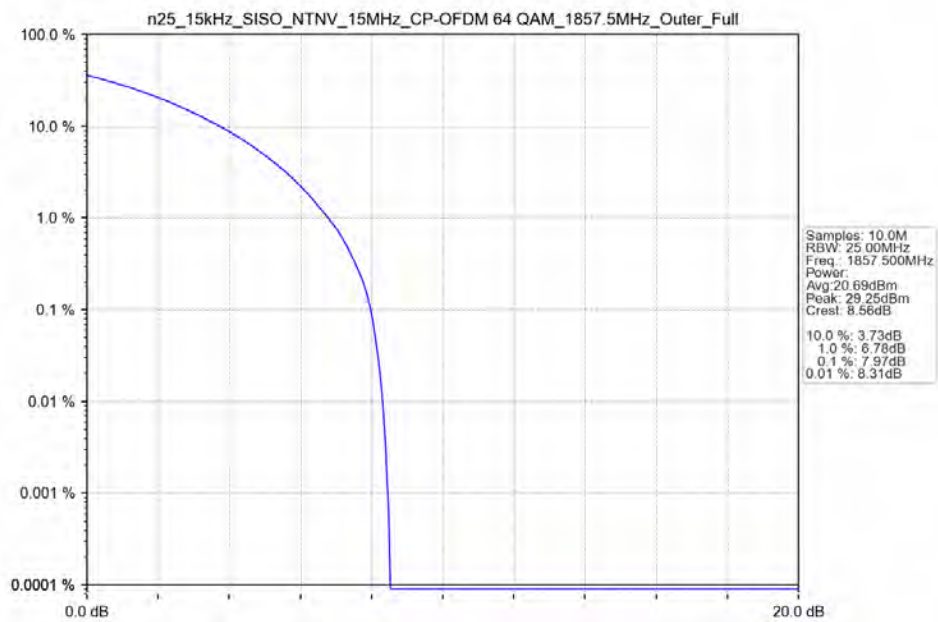
n25_15kHz_SISO_NTNV_15MHz_CP-OFDM 16 QAM_1882.5MHz_Outer_Full



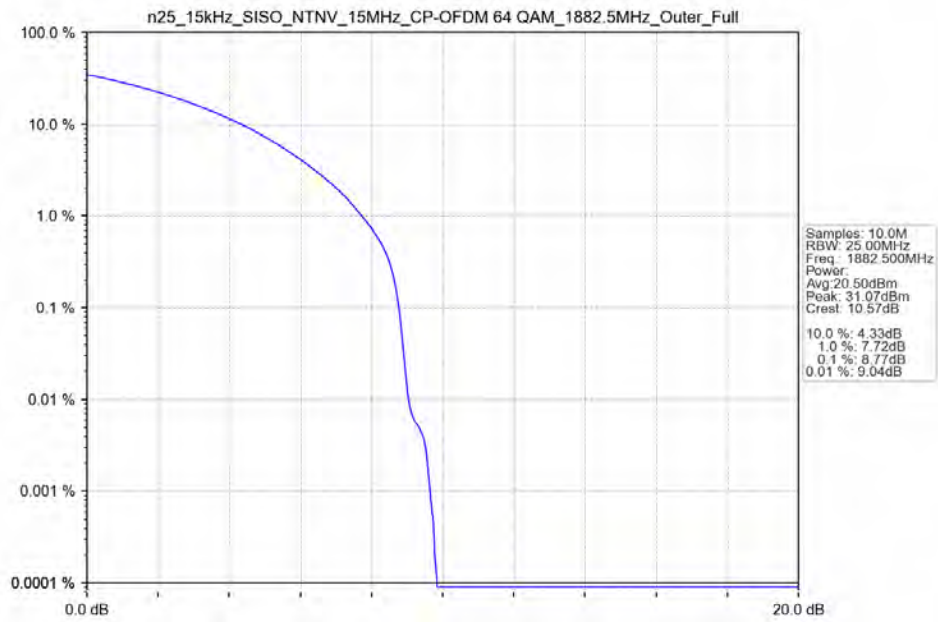
n25_15kHz_SISO_NTNV_15MHz_CP-OFDM 16 QAM 1907.5MHz_Outer_Full



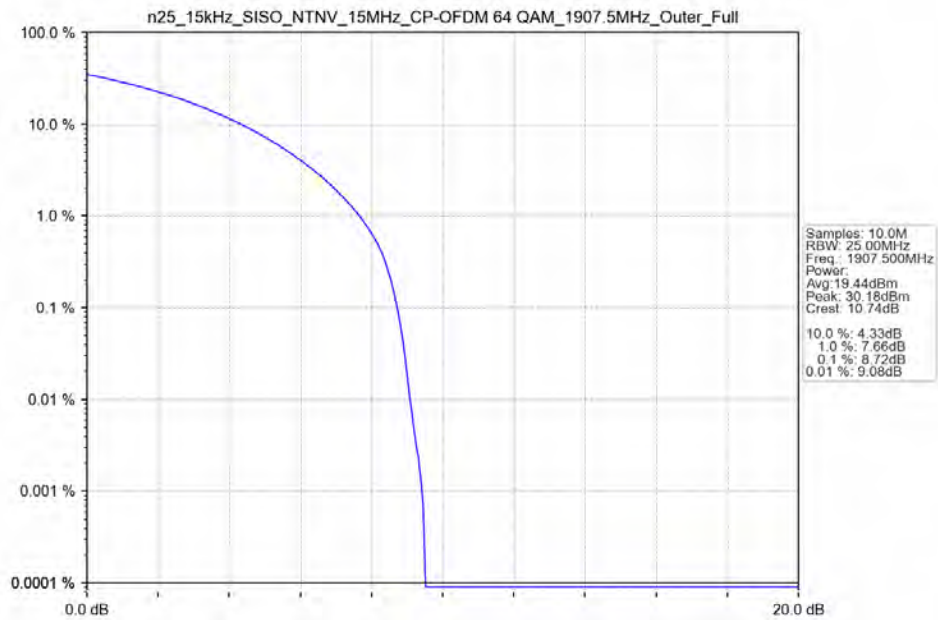
n25_15kHz_SISO_NTNV_15MHz_CP-OFDM 64 QAM 1857.5MHz_Outer_Full



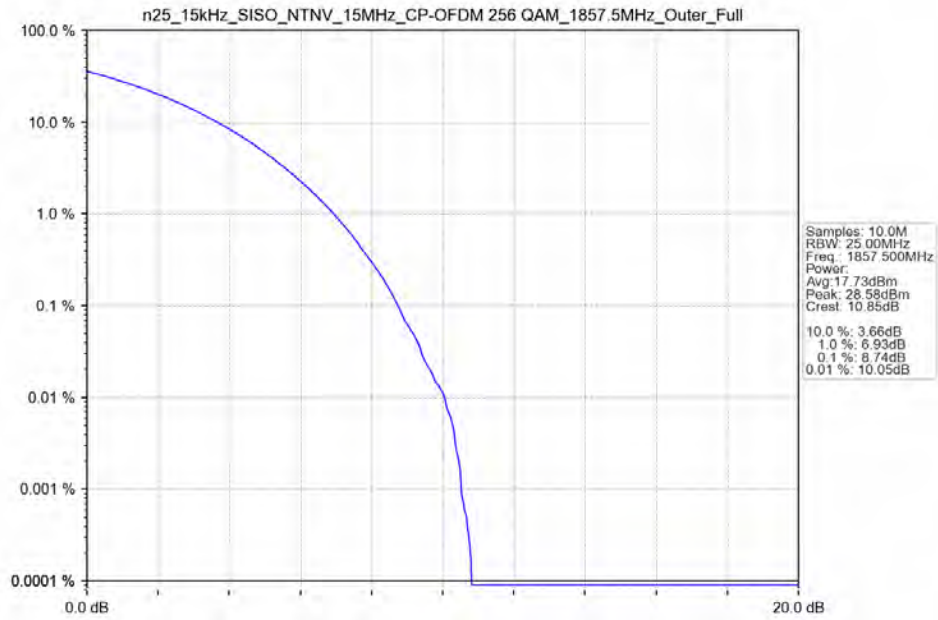
n25_15kHz_SISO_NTNV_15MHz_CP-OFDM 64 QAM_1882.5MHz_Outer_Full



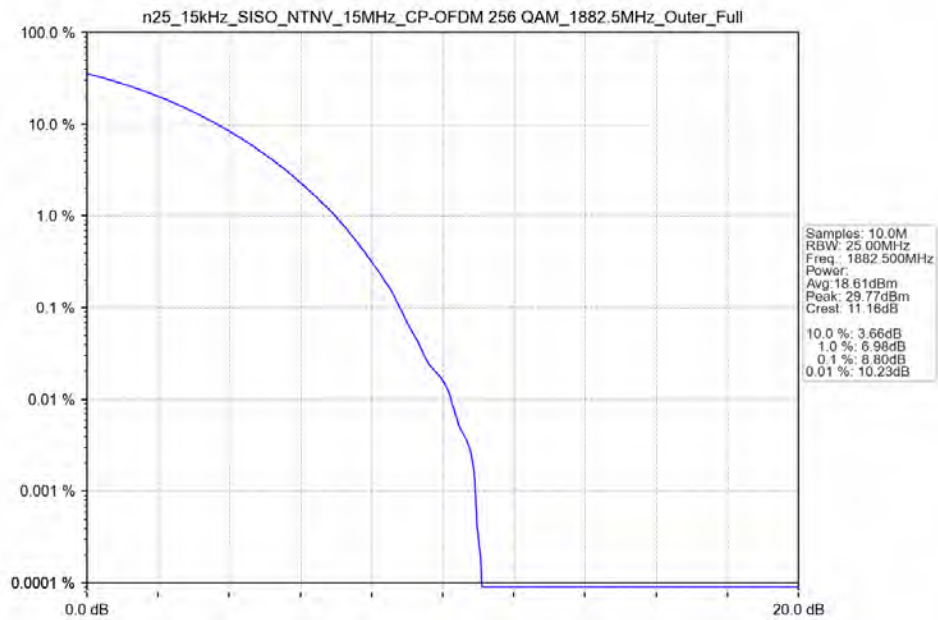
n25_15kHz_SISO_NTNV_15MHz_CP-OFDM 64 QAM_1907.5MHz_Outer_Full



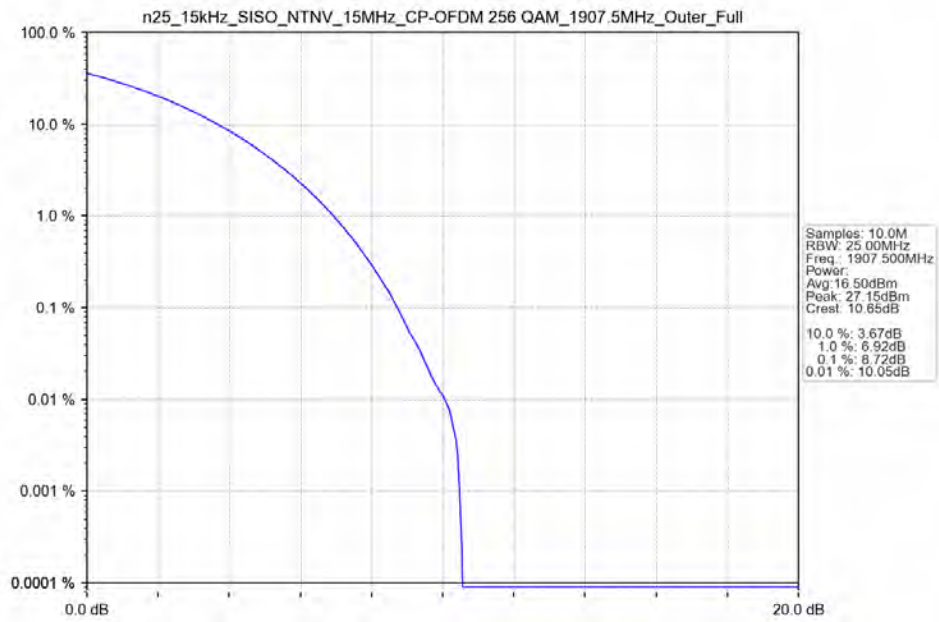
n25_15kHz_SISO_NTNV_15MHz_CP-OFDM_256_QAM_1857.5MHz_Outer_Full



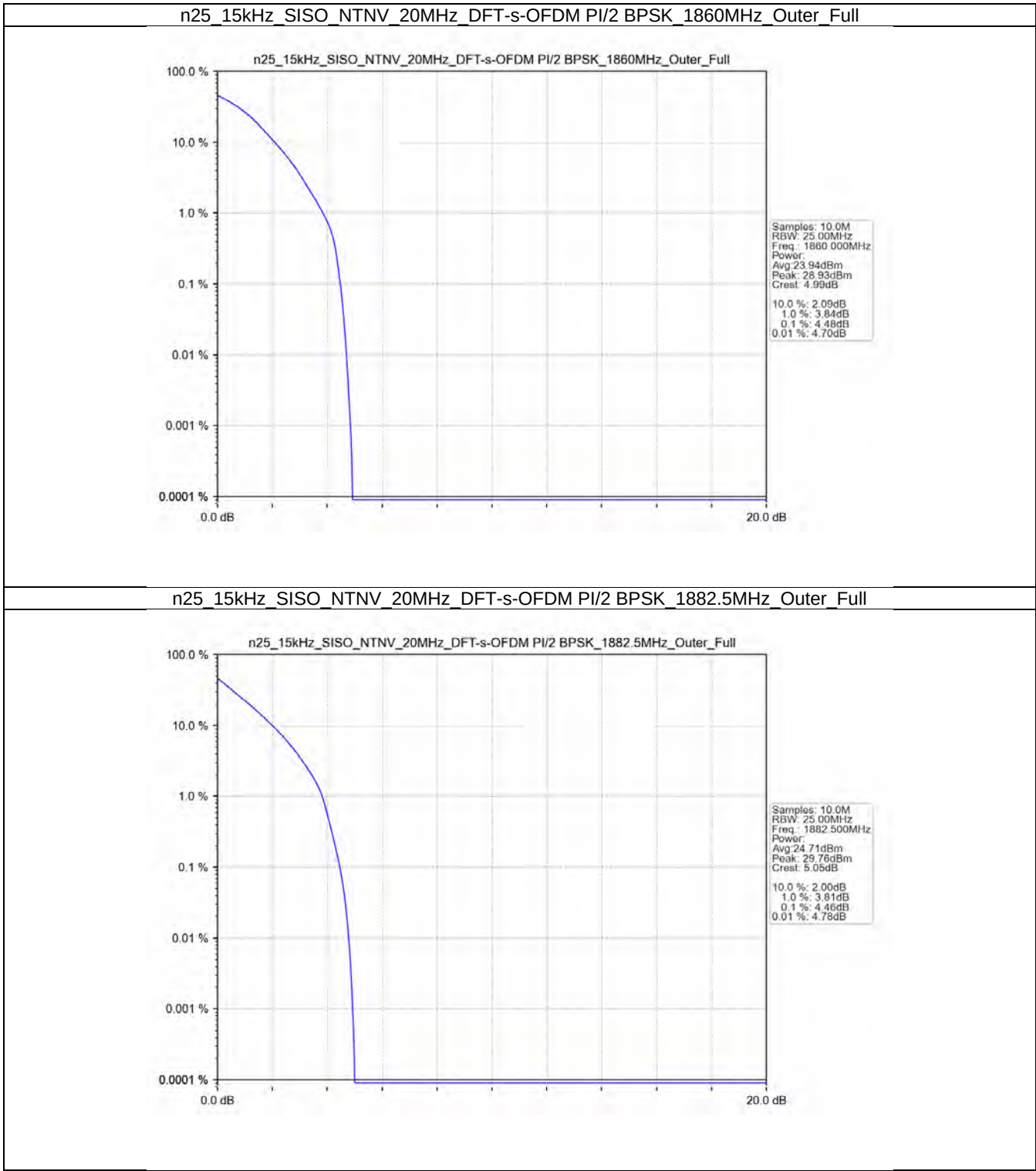
n25_15kHz_SISO_NTNV_15MHz_CP-OFDM_256_QAM_1882.5MHz_Outer_Full



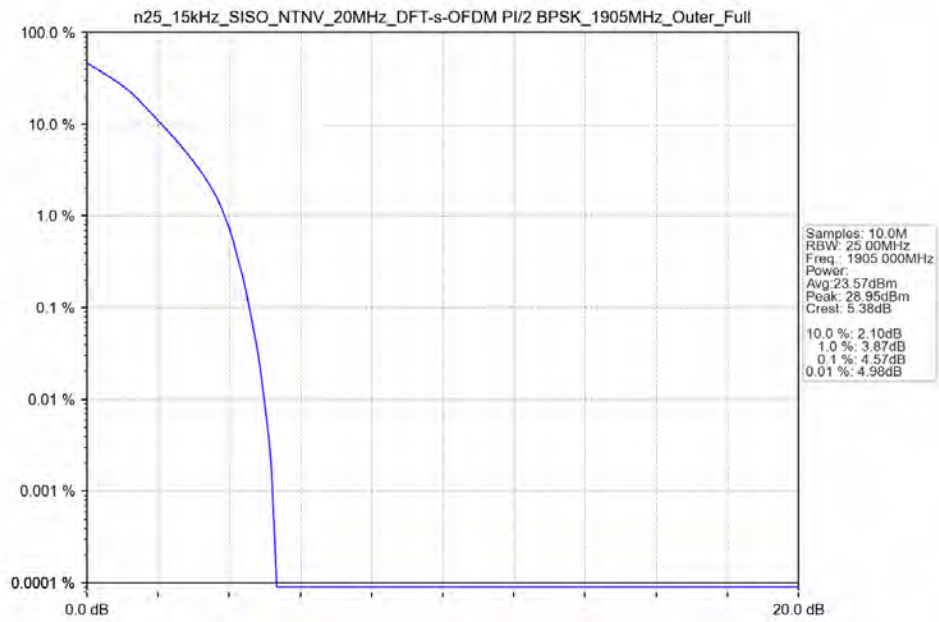
n25_15kHz_SISO_NTNV_15MHz_CP-OFDM_256_QAM_1907.5MHz_Outer_Full



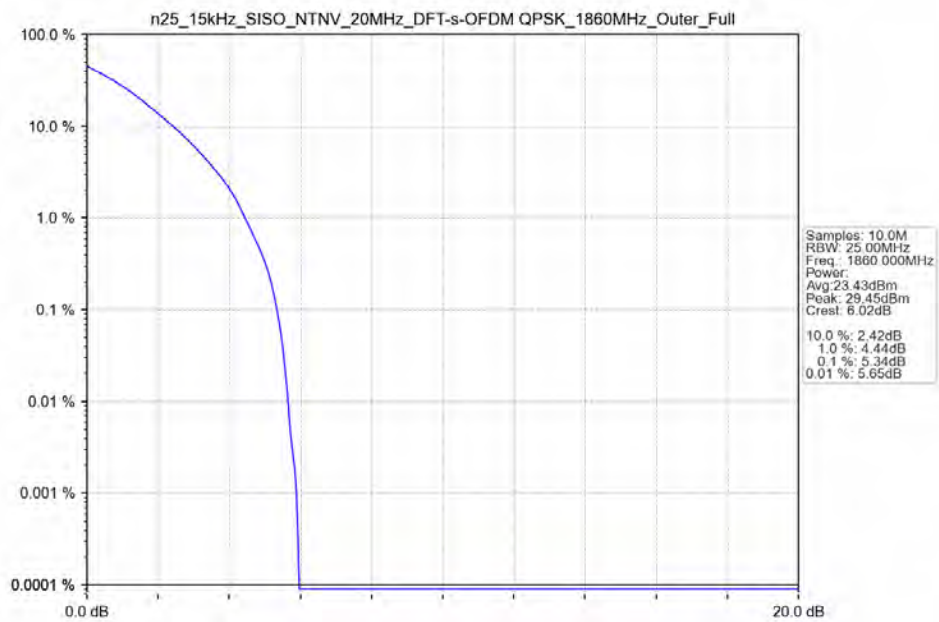
4.2.4 15k_SISO_20MHz_NTNV



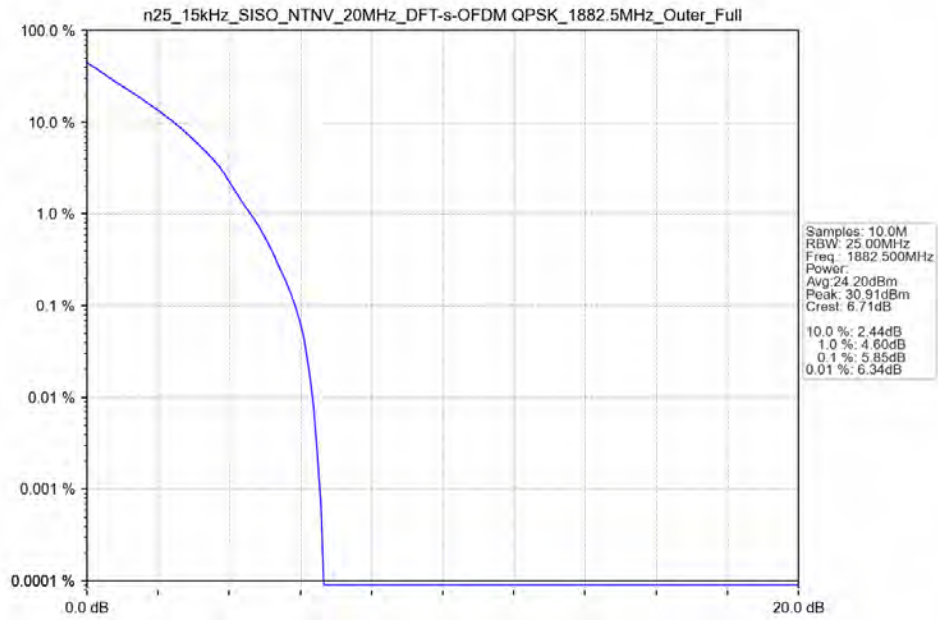
n25_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_1905MHz_Outer_Full



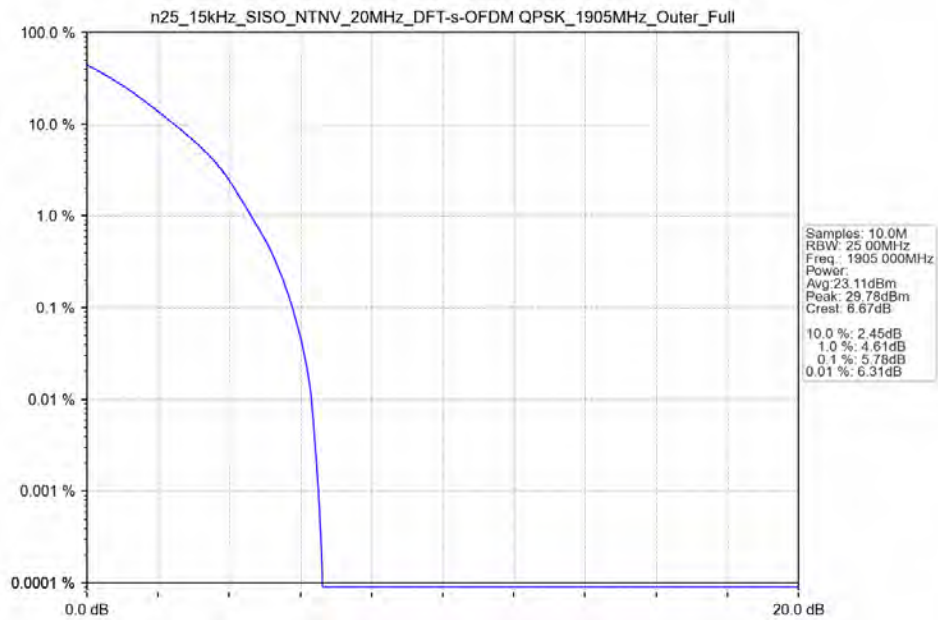
n25_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_1860MHz_Outer_Full



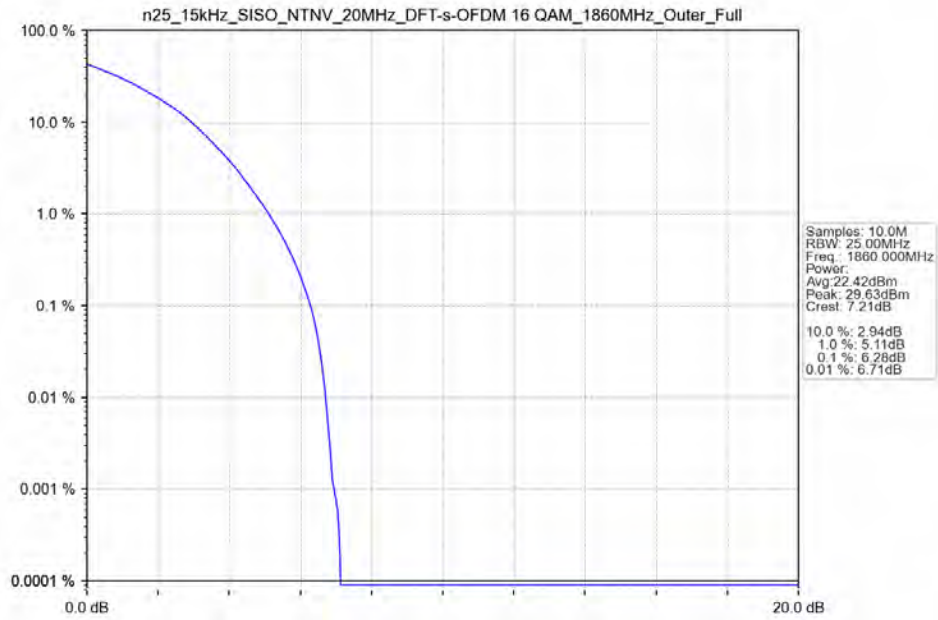
n25_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_1882.5MHz_Outer_Full



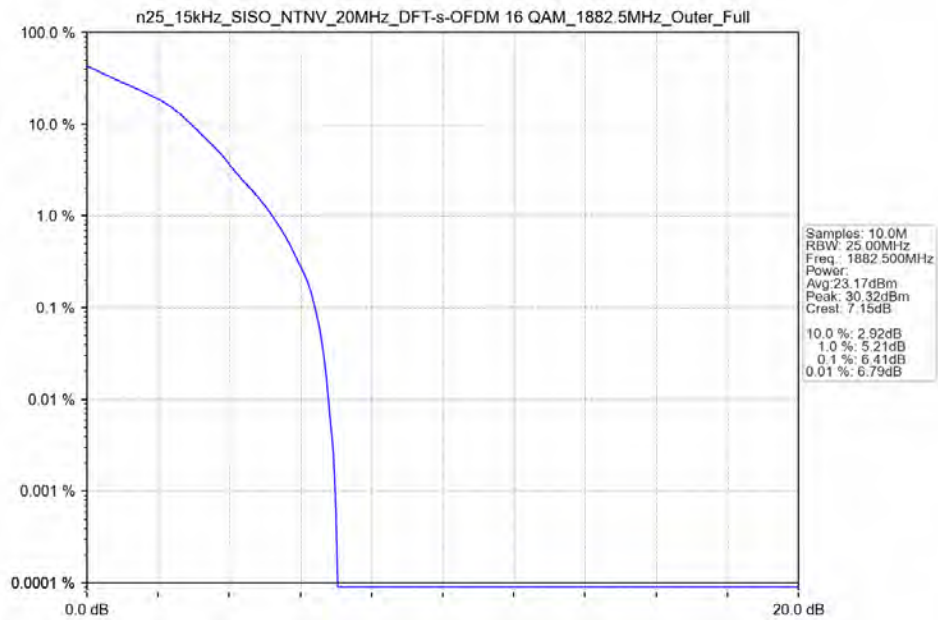
n25_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_1905MHz_Outer_Full



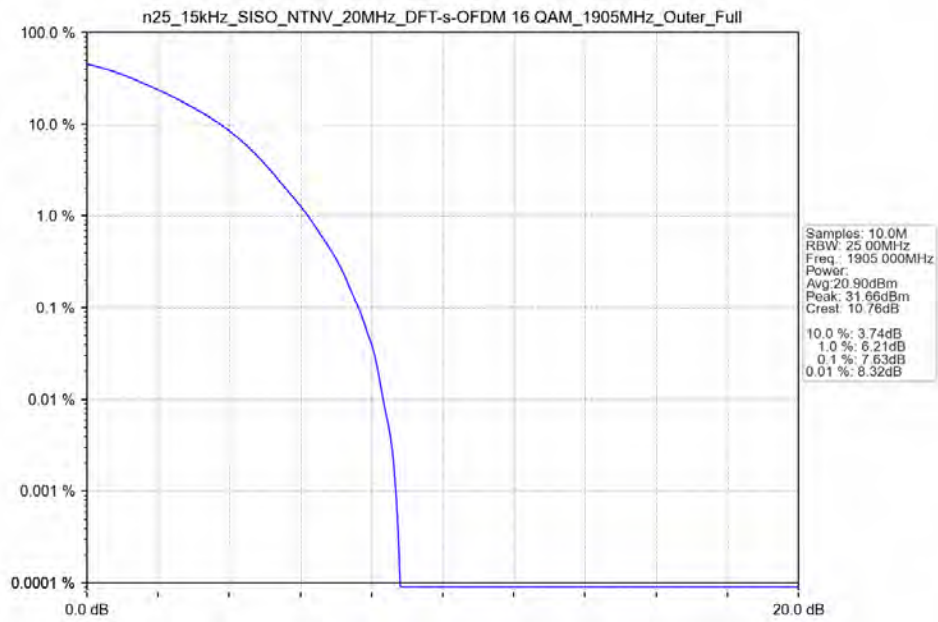
n25_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_16_QAM_1860MHz_Outer_Full



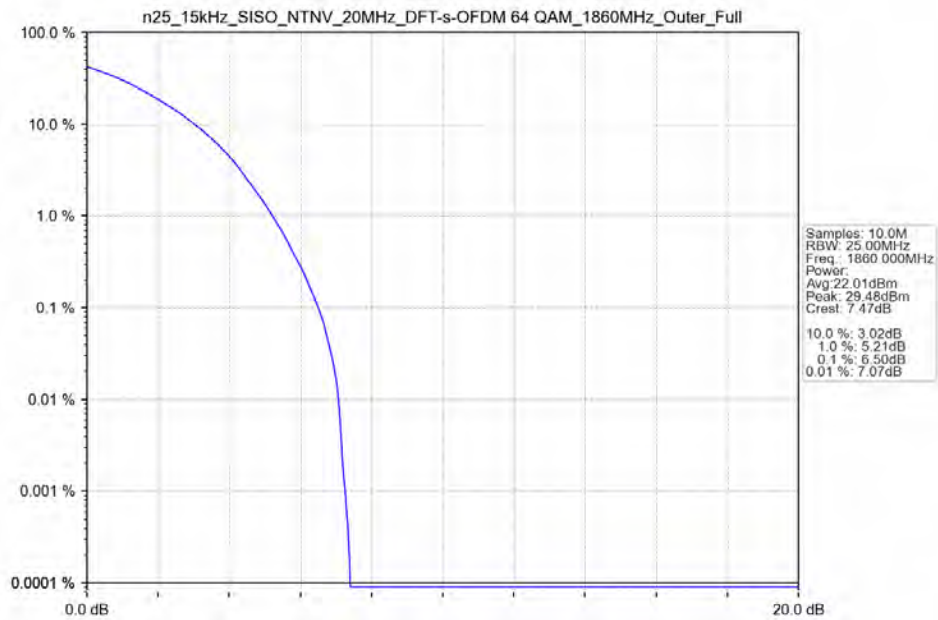
n25_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_16_QAM_1882.5MHz_Outer_Full



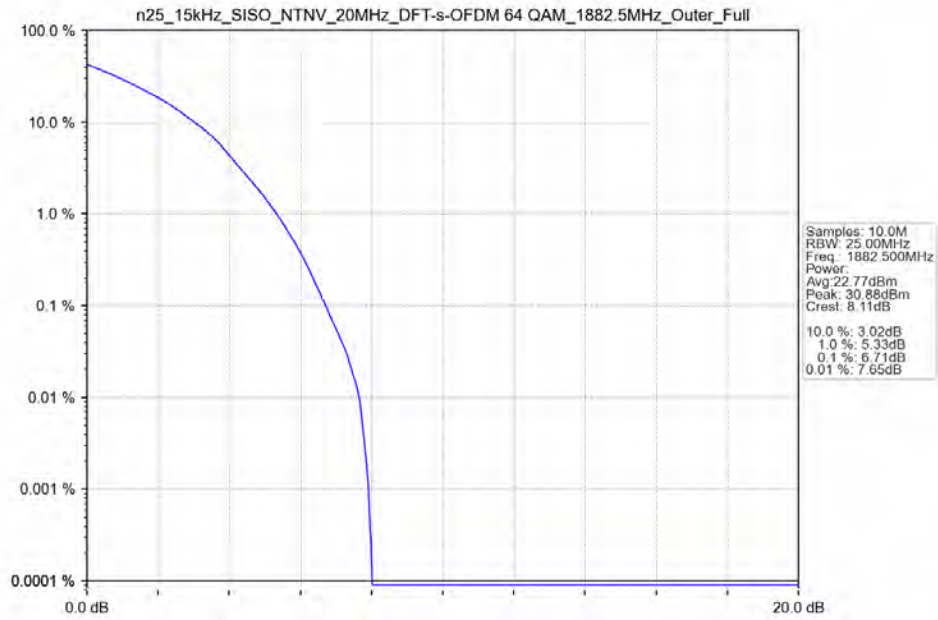
n25_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 16 QAM_1905MHz_Outer_Full



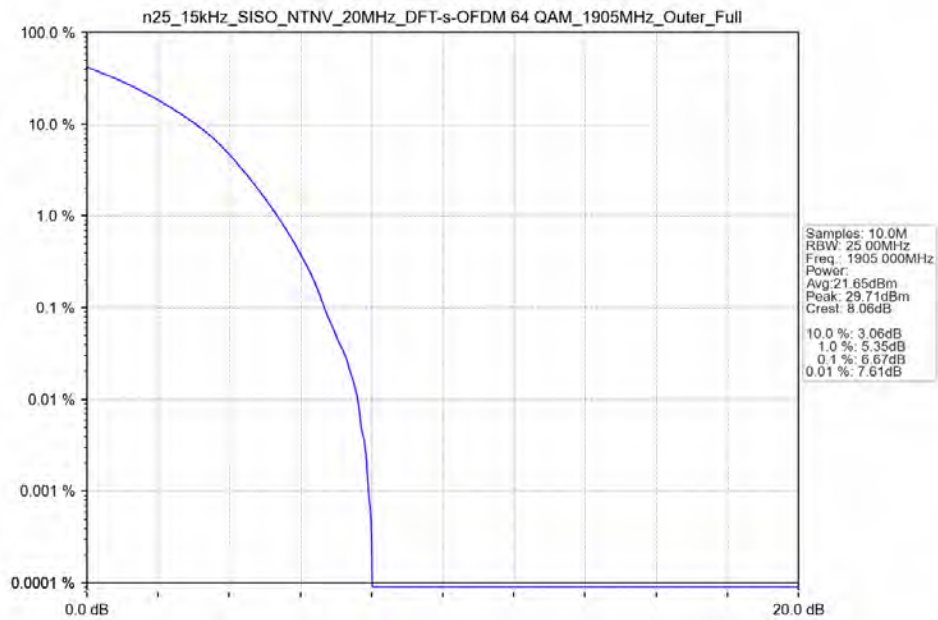
n25_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 64 QAM_1860MHz_Outer_Full



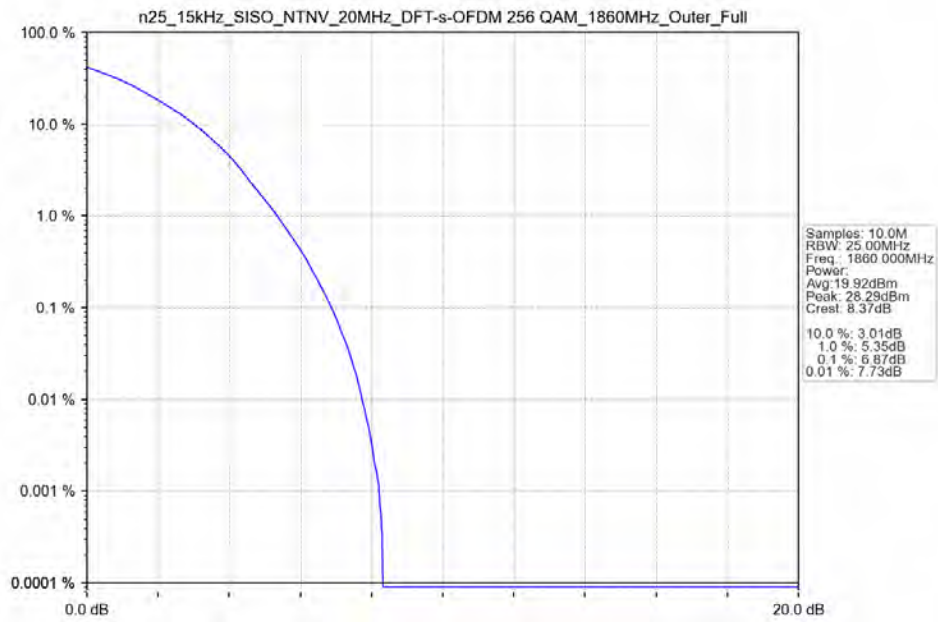
n25_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 64 QAM_1882.5MHz_Outer_Full



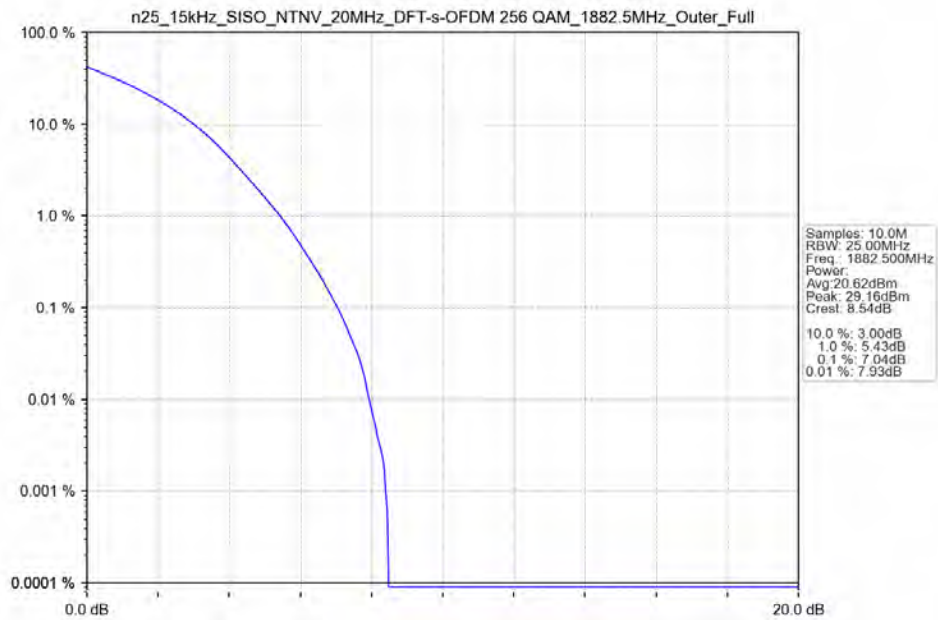
n25_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 64 QAM_1905MHz_Outer_Full



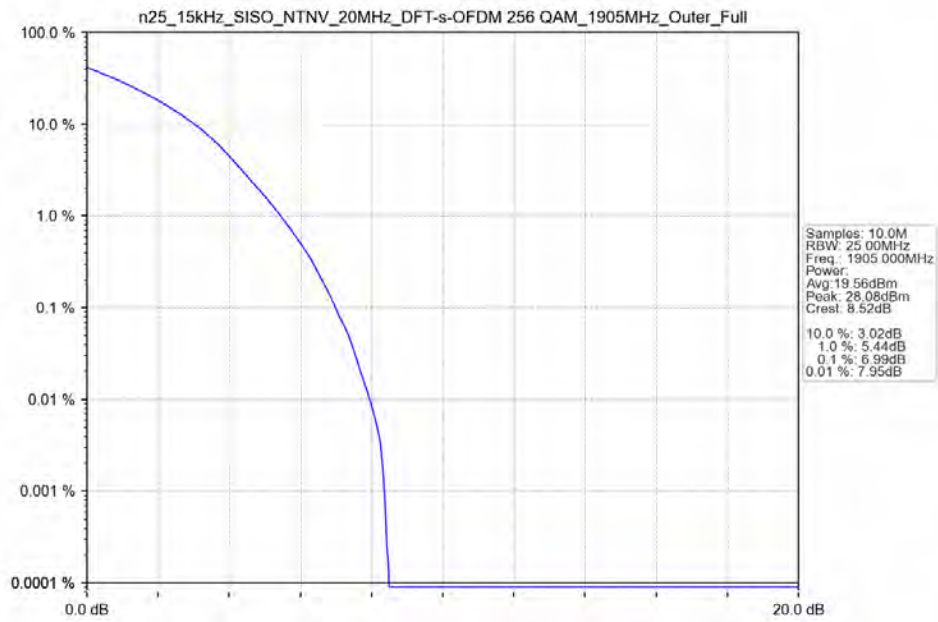
n25_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_256_QAM_1860MHz_Outer_Full



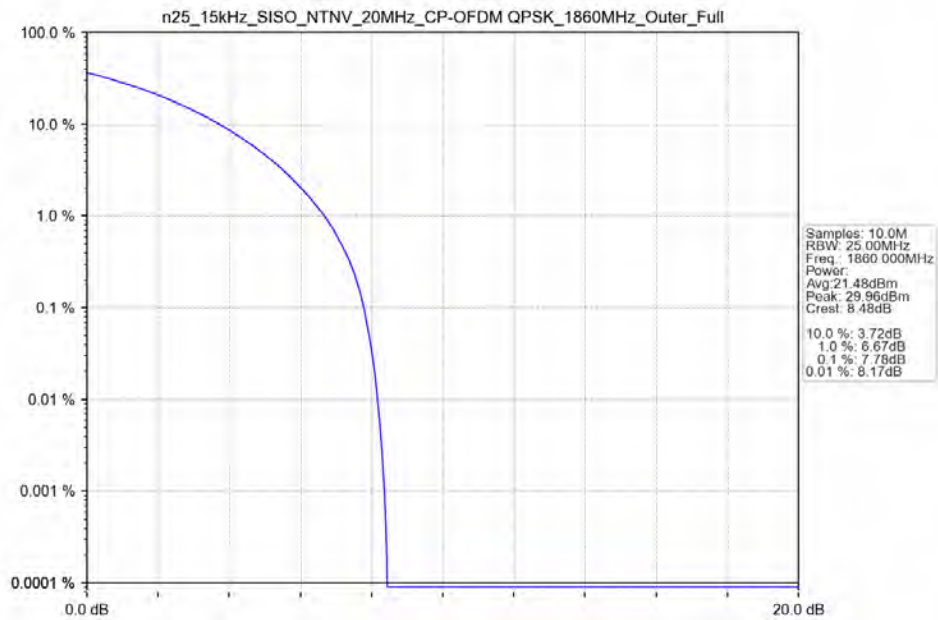
n25_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_256_QAM_1882.5MHz_Outer_Full



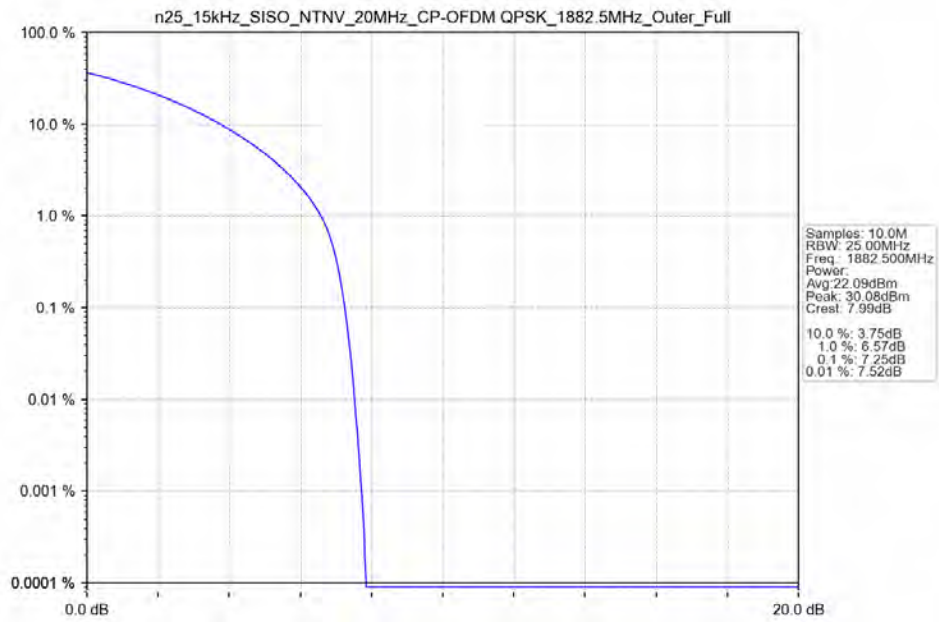
n25_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_256_QAM_1905MHz_Outer_Full



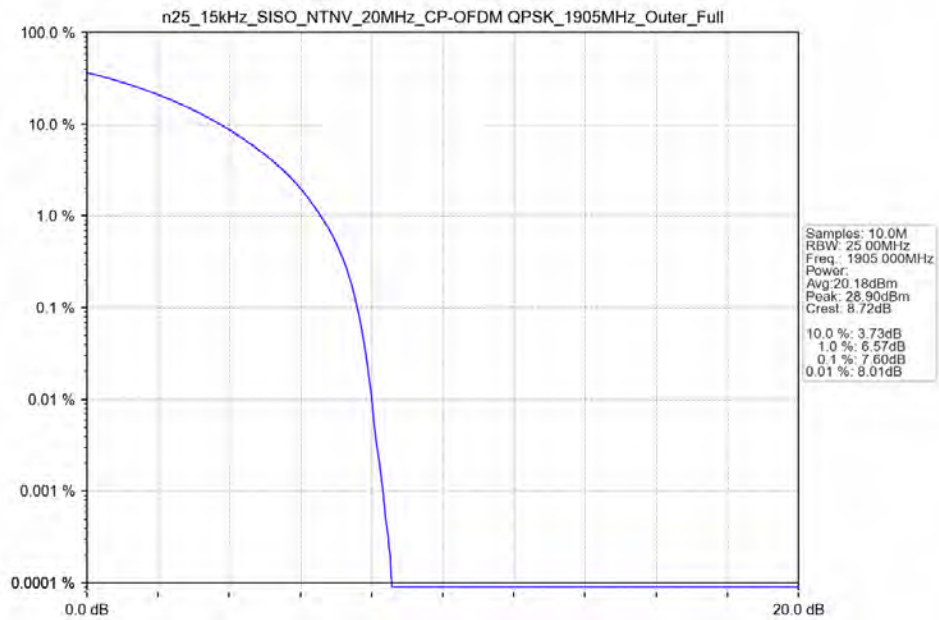
n25_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_1860MHz_Outer_Full



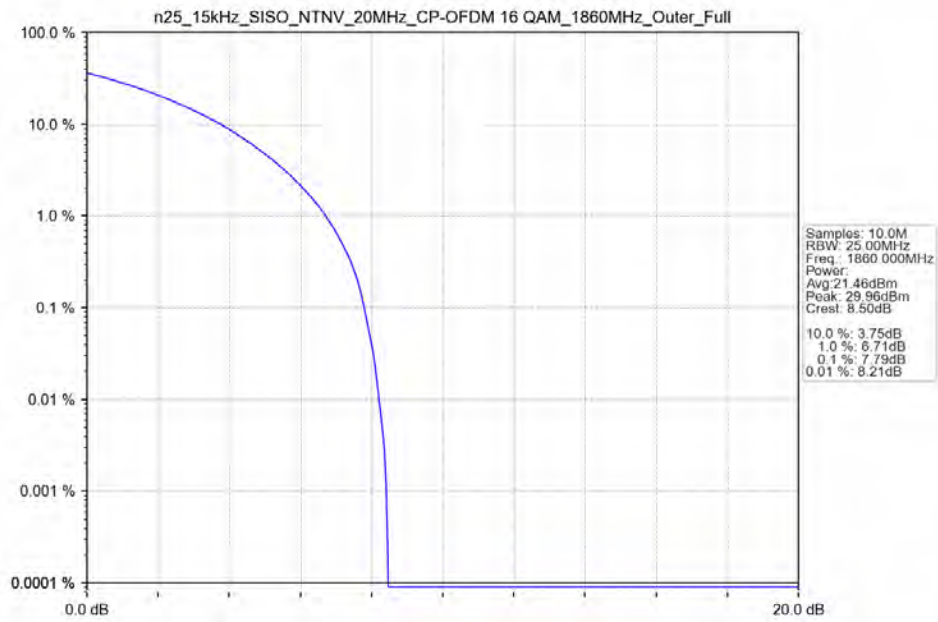
n25_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_1882.5MHz_Outer_Full



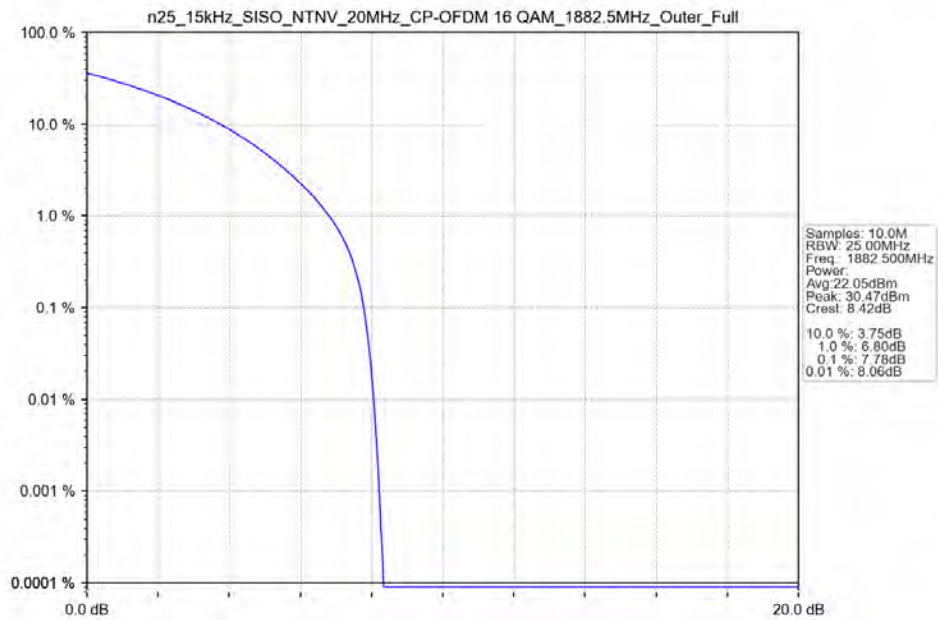
n25_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_1905MHz_Outer_Full



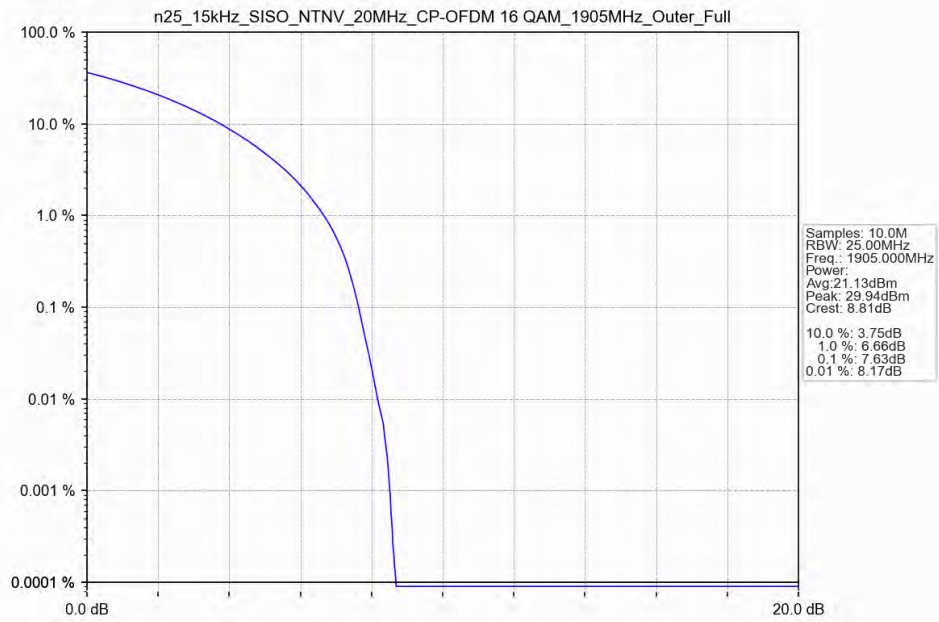
n25_15kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM_1860MHz_Outer_Full



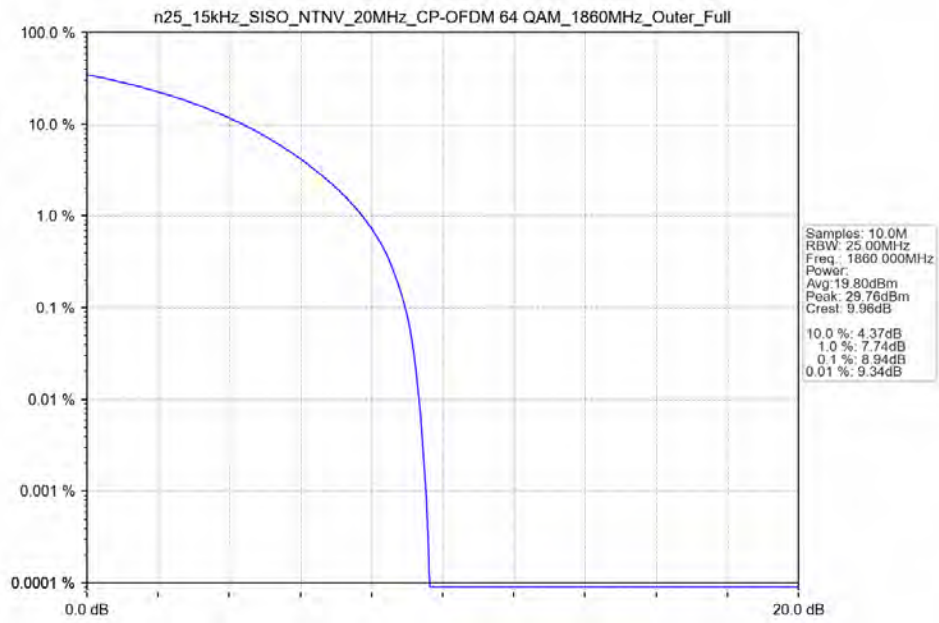
n25_15kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM_1882.5MHz_Outer_Full



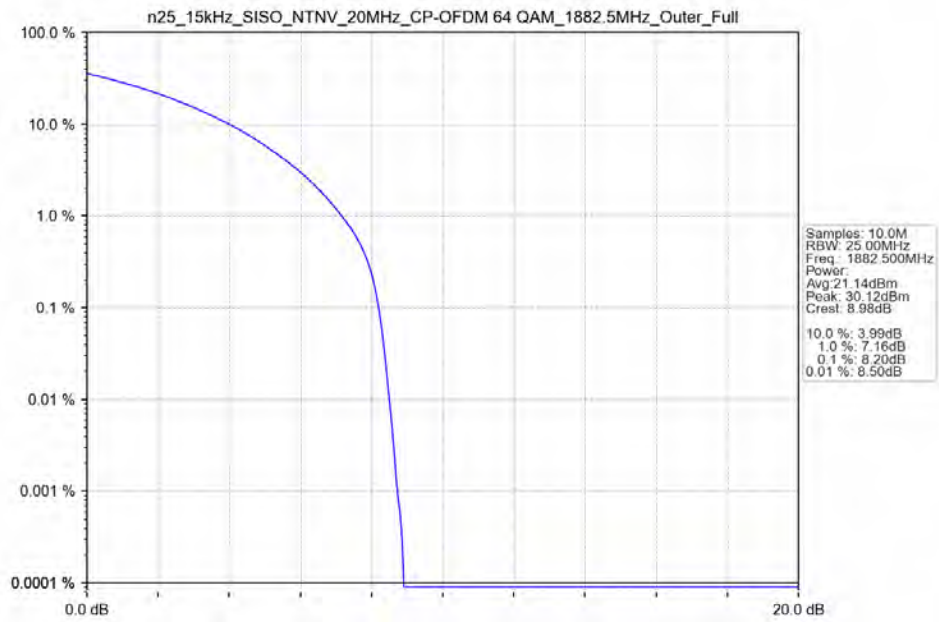
n25_15kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM_1905MHz_Outer_Full



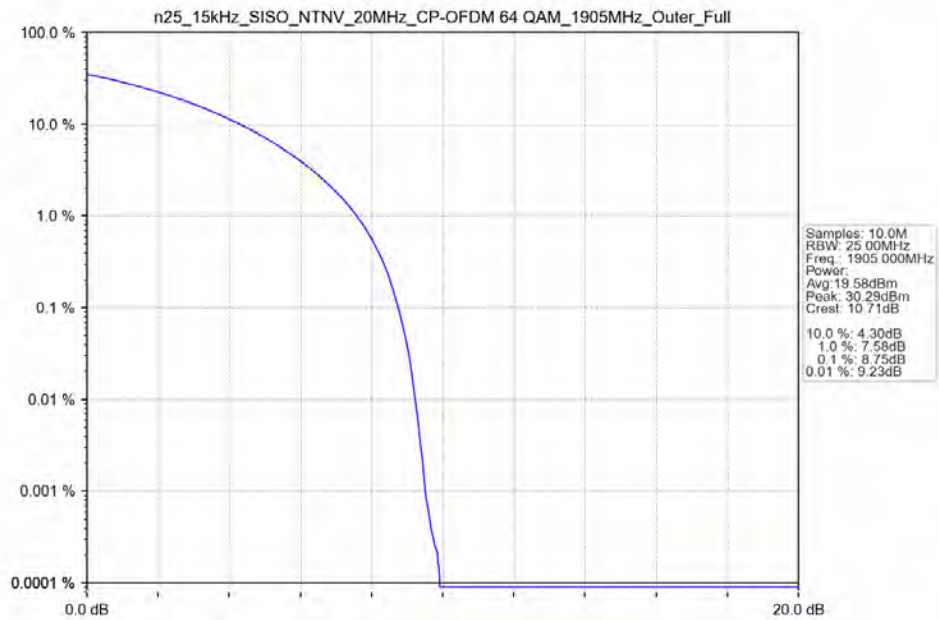
n25_15kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM_1860MHz_Outer_Full



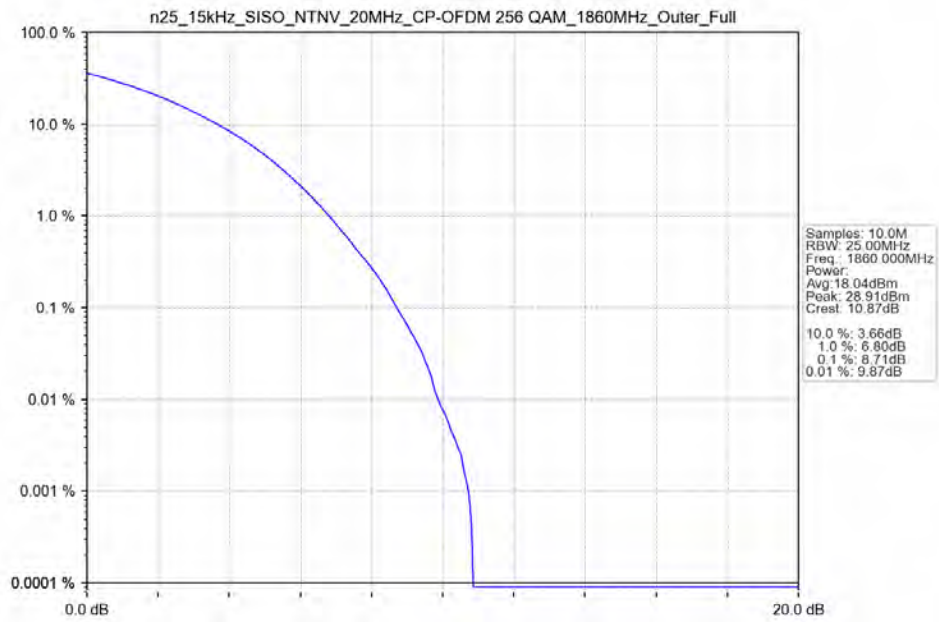
n25_15kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM_1882.5MHz_Outer_Full



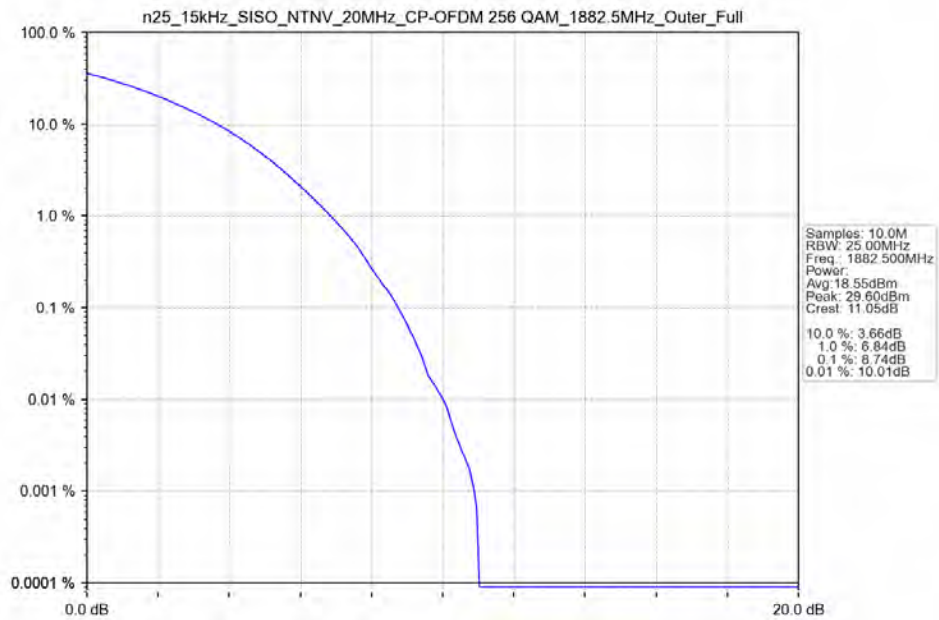
n25_15kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM_1905MHz_Outer_Full



n25_15kHz_SISO_NTNV_20MHz_CP-OFDM 256 QAM_1860MHz_Outer_Full



n25_15kHz_SISO_NTNV_20MHz_CP-OFDM 256 QAM_1882.5MHz_Outer_Full



n25_15kHz_SISO_NTNV_20MHz_CP-OFDM 256 QAM_1905MHz_Outer_Full

