1. Transmitter Conducted Power Output

1.1 Test Result

1.1.1 15k_SISO_5MHz_NTNV_ERP

5G NR n26a SCS=15kHz SISO 5MHz NTNV										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			Conducted power(dBm)				Verdict
			Ant0	/	/	Ant0	/	/	Limit	
DFT-s-OFDM QPSK	816.5	Edge_1RB_Left	22.96	/	/	15.87	/	/	<=50	Pass
		Edge_1RB_Right	23.25	/	/	16.16	/	/	<=50	Pass
		Outer_Full	23.24	/	/	16.15	/	/	<=50	Pass
		Inner_Full	23.72	/	/	16.63	/	/	<=50	Pass
		Inner_1RB_Left	23.75	/	/	16.66	/	/	<=50	Pass
		Inner_1RB_Right	23.70	/	/	16.61	/	/	<=50	Pass
	819	Edge_1RB_Left	23.11	/	/	16.02	/	/	<=50	Pass
		Edge_1RB_Right	23.14	/	/	16.05	/	/	<=50	Pass
		Outer_Full	23.20	/	/	16.11	/	/	<=50	Pass
		Inner_Full	23.64	/	/	16.55	/	/	<=50	Pass
		Inner_1RB_Left	23.79	/	/	16.70	/	/	<=50	Pass
		Inner_1RB_Right	23.71	/	/	16.62	/	/	<=50	Pass
	821.5	Edge_1RB_Left	23.16	/	/	16.07	/	/	<=50	Pass
		Edge_1RB_Right	23.08	/	/	15.99	/	/	<=50	Pass
		Outer_Full	23.27	/	/	16.18	/	/	<=50	Pass
		Inner_Full	23.62	/	/	16.53	/	/	<=50	Pass
		Inner_1RB_Left	23.71	/	/	16.62	/	/	<=50	Pass
		Inner_1RB_Right	23.71	/	/	16.62	/	/	<=50	Pass
DFT-s-OFDM 16 QAM	816.5	Edge_1RB_Left	22.08	/	/	14.99	/	/	<=50	Pass
		Edge_1RB_Right	22.30	/	/	15.21	/	/	<=50	Pass
		Outer_Full	22.15	/	/	15.06	/	/	<=50	Pass
		Inner_Full	22.99	/	/	15.90	/	/	<=50	Pass
		Inner_1RB_Left	23.08	/	/	15.99	/	/	<=50	Pass
		Inner_1RB_Right	23.35	/	/	16.26	/	/	<=50	Pass
	819	Edge_1RB_Left	22.30	/	/	15.21	/	/	<=50	Pass
		Edge_1RB_Right	22.25	/	/	15.16	/	/	<=50	Pass
		Outer_Full	22.23	/	/	15.14	/	/	<=50	Pass
		Inner_Full	23.10	/	/	16.01	/	/	<=50	Pass
		Inner_1RB_Left	23.20	/	/	16.11	/	/	<=50	Pass
		Inner_1RB_Right	23.30	/	/	16.21	/	/	<=50	Pass
	821.5	Edge_1RB_Left	22.22	/	/	15.13	/	/	<=50	Pass
		Edge_1RB_Right	22.19	/	/	15.10	/	/	<=50	Pass
		Outer_Full	22.16	/	/	15.07	/	/	<=50	Pass
		Inner_Full	23.05	/	/	15.96	/	/	<=50	Pass
		Inner_1RB_Left	23.30	/	/	16.21	/	/	<=50	Pass
		Inner_1RB_Right	23.28	/	/	16.19	/	/	<=50	Pass
DFT-s-OFDM 64 QAM	816.5	Edge_1RB_Left	21.56	/	/	14.47	/	/	<=50	Pass
		Edge_1RB_Right	21.74	/	/	14.65	/	/	<=50	Pass
		Outer_Full	21.78	/	/	14.69	/	/	<=50	Pass
		Inner_Full	21.65	/	/	14.56	/	/	<=50	Pass
		Inner_1RB_Left	21.61	/	/	14.52	/	/	<=50	Pass
		Inner_1RB_Right	21.83	/	/	14.74	/	/	<=50	Pass
	819	Edge_1RB_Left	21.81	/	/	14.72	/	/	<=50	Pass
		Edge_1RB_Right	21.86	/	/	14.77	/	/	<=50	Pass
		Outer_Full	21.86	/	/	14.77	/	/	<=50	Pass
		Inner_Full	21.76	/	/	14.67	/	/	<=50	Pass
		Inner_1RB_Left	21.87	/	/	14.78	/	/	<=50	Pass
		Inner_1RB_Right	21.92	/	/	14.83	/	/	<=50	Pass
	821.5	Edge_1RB_Left	21.81	/	/	14.72	/	/	<=50	Pass

		Edge_1RB_Right	21.74	/	/	14.65	/	/	<=50	Pass
		Outer_Full	21.81	/	/	14.72	/	/	<=50	Pass
		Inner_Full	21.73	/	/	14.64	/	/	<=50	Pass
		Inner_1RB_Left	21.84	/	/	14.75	/	/	<=50	Pass
		Inner_1RB_Right	21.72	/	/	14.63	/	/	<=50	Pass
DFT-s-OFDM 256 QAM	816.5	Edge_1RB_Left	19.51	/	/	12.42	/	/	<=50	Pass
		Edge_1RB_Right	19.46	/	/	12.37	/	/	<=50	Pass
		Outer_Full	19.65	/	/	12.56	/	/	<=50	Pass
		Inner_Full	19.70	/	/	12.61	/	/	<=50	Pass
		Inner_1RB_Left	19.41	/	/	12.32	/	/	<=50	Pass
		Inner_1RB_Right	19.44	/	/	12.35	/	/	<=50	Pass
	819	Edge_1RB_Left	19.46	/	/	12.37	/	/	<=50	Pass
		Edge_1RB_Right	19.38	/	/	12.29	/	/	<=50	Pass
		Outer_Full	19.72	/	/	12.63	/	/	<=50	Pass
		Inner_Full	19.58	/	/	12.49	/	/	<=50	Pass
		Inner_1RB_Left	19.49	/	/	12.40	/	/	<=50	Pass
		Inner_1RB_Right	19.44	/	/	12.35	/	/	<=50	Pass
	821.5	Edge_1RB_Left	19.43	/	/	12.34	/	/	<=50	Pass
		Edge_1RB_Right	19.47	/	/	12.38	/	/	<=50	Pass
		Outer_Full	19.54	/	/	12.45	/	/	<=50	Pass
		Inner_Full	19.54	/	/	12.45	/	/	<=50	Pass
		Inner_1RB_Left	19.49	/	/	12.40	/	/	<=50	Pass
		Inner_1RB_Right	19.40	/	/	12.31	/	/	<=50	Pass
CP-OFDM QPSK	816.5	Edge_1RB_Left	21.40	/	/	14.31	/	/	<=50	Pass
		Edge_1RB_Right	21.18	/	/	14.09	/	/	<=50	Pass
		Outer_Full	21.28	/	/	14.19	/	/	<=50	Pass
		Inner_Full	22.43	/	/	15.34	/	/	<=50	Pass
		Inner_1RB_Left	22.60	/	/	15.51	/	/	<=50	Pass
		Inner_1RB_Right	22.74	/	/	15.65	/	/	<=50	Pass
	819	Edge_1RB_Left	21.38	/	/	14.29	/	/	<=50	Pass
		Edge_1RB_Right	21.29	/	/	14.20	/	/	<=50	Pass
		Outer_Full	21.22	/	/	14.13	/	/	<=50	Pass
		Inner_Full	22.80	/	/	15.71	/	/	<=50	Pass
		Inner_1RB_Left	22.70	/	/	15.61	/	/	<=50	Pass
		Inner_1RB_Right	22.73	/	/	15.64	/	/	<=50	Pass
	821.5	Edge_1RB_Left	21.18	/	/	14.09	/	/	<=50	Pass
		Edge_1RB_Right	21.10	/	/	14.01	/	/	<=50	Pass
		Outer_Full	21.29	/	/	14.20	/	/	<=50	Pass
		Inner_Full	22.74	/	/	15.65	/	/	<=50	Pass
		Inner_1RB_Left	22.81	/	/	15.72	/	/	<=50	Pass
		Inner_1RB_Right	22.70	/	/	15.61	/	/	<=50	Pass
CP-OFDM 16 QAM	816.5	Edge_1RB_Left	21.29	/	/	14.20	/	/	<=50	Pass
		Edge_1RB_Right	21.27	/	/	14.18	/	/	<=50	Pass
		Outer_Full	21.26	/	/	14.17	/	/	<=50	Pass
		Inner_Full	22.07	/	/	14.98	/	/	<=50	Pass
		Inner_1RB_Left	22.15	/	/	15.06	/	/	<=50	Pass
		Inner_1RB_Right	22.30	/	/	15.21	/	/	<=50	Pass
	819	Edge_1RB_Left	21.38	/	/	14.29	/	/	<=50	Pass
		Edge_1RB_Right	21.21	/	/	14.12	/	/	<=50	Pass
		Outer_Full	21.18	/	/	14.09	/	/	<=50	Pass
		Inner_Full	22.16	/	/	15.07	/	/	<=50	Pass
		Inner_1RB_Left	22.25	/	/	15.16	/	/	<=50	Pass
		Inner_1RB_Right	22.26	/	/	15.17	/	/	<=50	Pass
	821.5	Edge_1RB_Left	21.25	/	/	14.16	/	/	<=50	Pass
		Edge_1RB_Right	21.15	/	/	14.06	/	/	<=50	Pass
		Outer_Full	21.13	/	/	14.04	/	/	<=50	Pass
		Inner_Full	22.09	/	/	15.00	/	/	<=50	Pass
		Inner_1RB_Left	22.25	/	/	15.16	/	/	<=50	Pass
		Inner_1RB_Right	22.24	/	/	15.15	/	/	<=50	Pass

CP-OFDM 64 QAM	816.5	Edge_1RB_Left	20.89	/	/	13.80	/	/	<=50	Pass
		Edge_1RB_Right	20.76	/	/	13.67	/	/	<=50	Pass
		Outer_Full	20.89	/	/	13.80	/	/	<=50	Pass
		Inner_Full	20.74	/	/	13.65	/	/	<=50	Pass
		Inner_1RB_Left	20.88	/	/	13.79	/	/	<=50	Pass
		Inner_1RB_Right	20.86	/	/	13.77	/	/	<=50	Pass
	819	Edge_1RB_Left	20.81	/	/	13.72	/	/	<=50	Pass
		Edge_1RB_Right	20.72	/	/	13.63	/	/	<=50	Pass
		Outer_Full	20.88	/	/	13.79	/	/	<=50	Pass
		Inner_Full	20.78	/	/	13.69	/	/	<=50	Pass
		Inner_1RB_Left	20.83	/	/	13.74	/	/	<=50	Pass
		Inner_1RB_Right	20.69	/	/	13.60	/	/	<=50	Pass
	821.5	Edge_1RB_Left	20.78	/	/	13.69	/	/	<=50	Pass
		Edge_1RB_Right	20.73	/	/	13.64	/	/	<=50	Pass
		Outer_Full	20.79	/	/	13.70	/	/	<=50	Pass
		Inner_Full	20.62	/	/	13.53	/	/	<=50	Pass
		Inner_1RB_Left	20.87	/	/	13.78	/	/	<=50	Pass
		Inner_1RB_Right	20.80	/	/	13.71	/	/	<=50	Pass
CP-OFDM 256 QAM	816.5	Edge_1RB_Left	17.47	/	/	10.38	/	/	<=50	Pass
		Edge_1RB_Right	17.46	/	/	10.37	/	/	<=50	Pass
		Outer_Full	17.77	/	/	10.68	/	/	<=50	Pass
		Inner_Full	17.75	/	/	10.66	/	/	<=50	Pass
		Inner_1RB_Left	17.44	/	/	10.35	/	/	<=50	Pass
		Inner_1RB_Right	17.35	/	/	10.26	/	/	<=50	Pass
	819	Edge_1RB_Left	17.40	/	/	10.31	/	/	<=50	Pass
		Edge_1RB_Right	17.37	/	/	10.28	/	/	<=50	Pass
		Outer_Full	17.70	/	/	10.61	/	/	<=50	Pass
		Inner_Full	17.71	/	/	10.62	/	/	<=50	Pass
		Inner_1RB_Left	17.39	/	/	10.30	/	/	<=50	Pass
		Inner_1RB_Right	17.41	/	/	10.32	/	/	<=50	Pass
	821.5	Edge_1RB_Left	17.47	/	/	10.38	/	/	<=50	Pass
		Edge_1RB_Right	17.46	/	/	10.37	/	/	<=50	Pass
		Outer_Full	17.61	/	/	10.52	/	/	<=50	Pass
		Inner_Full	17.64	/	/	10.55	/	/	<=50	Pass
		Inner_1RB_Left	17.38	/	/	10.29	/	/	<=50	Pass
		Inner_1RB_Right	17.26	/	/	10.17	/	/	<=50	Pass
Note1: Antenna Gain: Ant0: -4.94dBi; Note2: ERP=Conducted Power+Antenna Gain-2.15										

1.1.2 15k_SISO_10MHz_NTNV_ERP

5G NR n26a SCS=15kHz SISO 10MHz NTNV										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			Conducted power(dBm)				Verdict
			Ant0	/	/	Ant0	/	/	Limit	
DFT-s-OFDM QPSK	819	Edge_1RB_Left	23.02	/	/	15.93	/	/	<=50	Pass
		Edge_1RB_Right	23.13	/	/	16.04	/	/	<=50	Pass
		Outer_Full	23.18	/	/	16.09	/	/	<=50	Pass
		Inner_Full	23.78	/	/	16.69	/	/	<=50	Pass
		Inner_1RB_Left	23.77	/	/	16.68	/	/	<=50	Pass
		Inner_1RB_Right	23.69	/	/	16.60	/	/	<=50	Pass
	819	Edge_1RB_Left	23.03	/	/	15.94	/	/	<=50	Pass
		Edge_1RB_Right	23.14	/	/	16.05	/	/	<=50	Pass
		Outer_Full	23.23	/	/	16.14	/	/	<=50	Pass
		Inner_Full	23.70	/	/	16.61	/	/	<=50	Pass
		Inner_1RB_Left	23.81	/	/	16.72	/	/	<=50	Pass
		Inner_1RB_Right	23.71	/	/	16.62	/	/	<=50	Pass
	819	Edge_1RB_Left	23.05	/	/	15.96	/	/	<=50	Pass
		Edge_1RB_Right	23.16	/	/	16.07	/	/	<=50	Pass

		Outer_Full	23.20	/	/	16.11	/	/	<=50	Pass
		Inner_Full	23.70	/	/	16.61	/	/	<=50	Pass
		Inner_1RB_Left	23.74	/	/	16.65	/	/	<=50	Pass
		Inner_1RB_Right	23.69	/	/	16.60	/	/	<=50	Pass
DFT-s-OFDM 16 QAM	819	Edge_1RB_Left	22.17	/	/	15.08	/	/	<=50	Pass
		Edge_1RB_Right	22.19	/	/	15.10	/	/	<=50	Pass
		Outer_Full	22.21	/	/	15.12	/	/	<=50	Pass
		Inner_Full	23.19	/	/	16.10	/	/	<=50	Pass
		Inner_1RB_Left	23.14	/	/	16.05	/	/	<=50	Pass
		Inner_1RB_Right	23.27	/	/	16.18	/	/	<=50	Pass
	819	Edge_1RB_Left	22.19	/	/	15.10	/	/	<=50	Pass
		Edge_1RB_Right	22.21	/	/	15.12	/	/	<=50	Pass
		Outer_Full	22.15	/	/	15.06	/	/	<=50	Pass
		Inner_Full	23.20	/	/	16.11	/	/	<=50	Pass
		Inner_1RB_Left	23.18	/	/	16.09	/	/	<=50	Pass
		Inner_1RB_Right	23.29	/	/	16.20	/	/	<=50	Pass
	819	Edge_1RB_Left	22.17	/	/	15.08	/	/	<=50	Pass
		Edge_1RB_Right	22.20	/	/	15.11	/	/	<=50	Pass
		Outer_Full	22.25	/	/	15.16	/	/	<=50	Pass
		Inner_Full	23.19	/	/	16.10	/	/	<=50	Pass
		Inner_1RB_Left	23.17	/	/	16.08	/	/	<=50	Pass
		Inner_1RB_Right	23.21	/	/	16.12	/	/	<=50	Pass
DFT-s-OFDM 64 QAM	819	Edge_1RB_Left	21.67	/	/	14.58	/	/	<=50	Pass
		Edge_1RB_Right	21.80	/	/	14.71	/	/	<=50	Pass
		Outer_Full	21.74	/	/	14.65	/	/	<=50	Pass
		Inner_Full	21.88	/	/	14.79	/	/	<=50	Pass
		Inner_1RB_Left	21.72	/	/	14.63	/	/	<=50	Pass
		Inner_1RB_Right	21.79	/	/	14.70	/	/	<=50	Pass
	819	Edge_1RB_Left	21.72	/	/	14.63	/	/	<=50	Pass
		Edge_1RB_Right	21.83	/	/	14.74	/	/	<=50	Pass
		Outer_Full	21.73	/	/	14.64	/	/	<=50	Pass
		Inner_Full	21.88	/	/	14.79	/	/	<=50	Pass
		Inner_1RB_Left	21.74	/	/	14.65	/	/	<=50	Pass
		Inner_1RB_Right	21.84	/	/	14.75	/	/	<=50	Pass
	819	Edge_1RB_Left	21.68	/	/	14.59	/	/	<=50	Pass
		Edge_1RB_Right	21.82	/	/	14.73	/	/	<=50	Pass
		Outer_Full	21.72	/	/	14.63	/	/	<=50	Pass
		Inner_Full	21.87	/	/	14.78	/	/	<=50	Pass
		Inner_1RB_Left	21.69	/	/	14.60	/	/	<=50	Pass
		Inner_1RB_Right	21.81	/	/	14.72	/	/	<=50	Pass
DFT-s-OFDM 256 QAM	819	Edge_1RB_Left	19.46	/	/	12.37	/	/	<=50	Pass
		Edge_1RB_Right	19.32	/	/	12.23	/	/	<=50	Pass
		Outer_Full	19.67	/	/	12.58	/	/	<=50	Pass
		Inner_Full	19.63	/	/	12.54	/	/	<=50	Pass
		Inner_1RB_Left	19.51	/	/	12.42	/	/	<=50	Pass
		Inner_1RB_Right	19.41	/	/	12.32	/	/	<=50	Pass
	819	Edge_1RB_Left	19.55	/	/	12.46	/	/	<=50	Pass
		Edge_1RB_Right	19.45	/	/	12.36	/	/	<=50	Pass
		Outer_Full	19.67	/	/	12.58	/	/	<=50	Pass
		Inner_Full	19.63	/	/	12.54	/	/	<=50	Pass
		Inner_1RB_Left	19.48	/	/	12.39	/	/	<=50	Pass
		Inner_1RB_Right	19.41	/	/	12.32	/	/	<=50	Pass
	819	Edge_1RB_Left	19.50	/	/	12.41	/	/	<=50	Pass
		Edge_1RB_Right	19.30	/	/	12.21	/	/	<=50	Pass
		Outer_Full	19.65	/	/	12.56	/	/	<=50	Pass
		Inner_Full	19.65	/	/	12.56	/	/	<=50	Pass
		Inner_1RB_Left	19.52	/	/	12.43	/	/	<=50	Pass
		Inner_1RB_Right	19.39	/	/	12.30	/	/	<=50	Pass
CP-OFDM QPSK	819	Edge_1RB_Left	21.36	/	/	14.27	/	/	<=50	Pass

		Edge_1RB_Right	21.34	/	/	14.25	/	/	<=50	Pass
		Outer_Full	21.23	/	/	14.14	/	/	<=50	Pass
		Inner_Full	22.66	/	/	15.57	/	/	<=50	Pass
		Inner_1RB_Left	22.67	/	/	15.58	/	/	<=50	Pass
		Inner_1RB_Right	22.74	/	/	15.65	/	/	<=50	Pass
	819	Edge_1RB_Left	21.36	/	/	14.27	/	/	<=50	Pass
		Edge_1RB_Right	21.26	/	/	14.17	/	/	<=50	Pass
		Outer_Full	21.19	/	/	14.10	/	/	<=50	Pass
		Inner_Full	22.69	/	/	15.60	/	/	<=50	Pass
		Inner_1RB_Left	22.67	/	/	15.58	/	/	<=50	Pass
		Inner_1RB_Right	22.74	/	/	15.65	/	/	<=50	Pass
	819	Edge_1RB_Left	21.38	/	/	14.29	/	/	<=50	Pass
		Edge_1RB_Right	21.28	/	/	14.19	/	/	<=50	Pass
		Outer_Full	21.27	/	/	14.18	/	/	<=50	Pass
		Inner_Full	22.69	/	/	15.60	/	/	<=50	Pass
		Inner_1RB_Left	22.61	/	/	15.52	/	/	<=50	Pass
		Inner_1RB_Right	22.63	/	/	15.54	/	/	<=50	Pass
CP-OFDM 16 QAM	819	Edge_1RB_Left	21.36	/	/	14.27	/	/	<=50	Pass
		Edge_1RB_Right	21.25	/	/	14.16	/	/	<=50	Pass
		Outer_Full	21.33	/	/	14.24	/	/	<=50	Pass
		Inner_Full	22.28	/	/	15.19	/	/	<=50	Pass
		Inner_1RB_Left	22.18	/	/	15.09	/	/	<=50	Pass
		Inner_1RB_Right	22.21	/	/	15.12	/	/	<=50	Pass
	819	Edge_1RB_Left	21.23	/	/	14.14	/	/	<=50	Pass
		Edge_1RB_Right	21.20	/	/	14.11	/	/	<=50	Pass
		Outer_Full	21.27	/	/	14.18	/	/	<=50	Pass
		Inner_Full	22.29	/	/	15.20	/	/	<=50	Pass
		Inner_1RB_Left	22.20	/	/	15.11	/	/	<=50	Pass
		Inner_1RB_Right	22.21	/	/	15.12	/	/	<=50	Pass
	819	Edge_1RB_Left	21.33	/	/	14.24	/	/	<=50	Pass
		Edge_1RB_Right	21.28	/	/	14.19	/	/	<=50	Pass
		Outer_Full	21.23	/	/	14.14	/	/	<=50	Pass
		Inner_Full	22.18	/	/	15.09	/	/	<=50	Pass
		Inner_1RB_Left	22.21	/	/	15.12	/	/	<=50	Pass
		Inner_1RB_Right	22.21	/	/	15.12	/	/	<=50	Pass
CP-OFDM 64 QAM	819	Edge_1RB_Left	20.92	/	/	13.83	/	/	<=50	Pass
		Edge_1RB_Right	20.79	/	/	13.70	/	/	<=50	Pass
		Outer_Full	20.74	/	/	13.65	/	/	<=50	Pass
		Inner_Full	20.82	/	/	13.73	/	/	<=50	Pass
		Inner_1RB_Left	20.92	/	/	13.83	/	/	<=50	Pass
		Inner_1RB_Right	20.82	/	/	13.73	/	/	<=50	Pass
	819	Edge_1RB_Left	20.92	/	/	13.83	/	/	<=50	Pass
		Edge_1RB_Right	20.81	/	/	13.72	/	/	<=50	Pass
		Outer_Full	20.75	/	/	13.66	/	/	<=50	Pass
		Inner_Full	20.83	/	/	13.74	/	/	<=50	Pass
		Inner_1RB_Left	20.91	/	/	13.82	/	/	<=50	Pass
		Inner_1RB_Right	20.82	/	/	13.73	/	/	<=50	Pass
	819	Edge_1RB_Left	20.92	/	/	13.83	/	/	<=50	Pass
		Edge_1RB_Right	20.81	/	/	13.72	/	/	<=50	Pass
		Outer_Full	20.75	/	/	13.66	/	/	<=50	Pass
		Inner_Full	20.77	/	/	13.68	/	/	<=50	Pass
		Inner_1RB_Left	20.91	/	/	13.82	/	/	<=50	Pass
		Inner_1RB_Right	20.82	/	/	13.73	/	/	<=50	Pass
CP-OFDM 256 QAM	819	Edge_1RB_Left	17.45	/	/	10.36	/	/	<=50	Pass
		Edge_1RB_Right	17.33	/	/	10.24	/	/	<=50	Pass
		Outer_Full	17.78	/	/	10.69	/	/	<=50	Pass
		Inner_Full	17.67	/	/	10.58	/	/	<=50	Pass
		Inner_1RB_Left	17.50	/	/	10.41	/	/	<=50	Pass
		Inner_1RB_Right	17.35	/	/	10.26	/	/	<=50	Pass

	819	Edge_1RB_Left	17.41	/	/	10.32	/	/	<=50	Pass
		Edge_1RB_Right	17.29	/	/	10.20	/	/	<=50	Pass
		Outer_Full	17.73	/	/	10.64	/	/	<=50	Pass
		Inner_Full	17.68	/	/	10.59	/	/	<=50	Pass
		Inner_1RB_Left	17.40	/	/	10.31	/	/	<=50	Pass
		Inner_1RB_Right	17.36	/	/	10.27	/	/	<=50	Pass
	819	Edge_1RB_Left	17.40	/	/	10.31	/	/	<=50	Pass
		Edge_1RB_Right	17.36	/	/	10.27	/	/	<=50	Pass
		Outer_Full	17.76	/	/	10.67	/	/	<=50	Pass
		Inner_Full	17.58	/	/	10.49	/	/	<=50	Pass
		Inner_1RB_Left	17.51	/	/	10.42	/	/	<=50	Pass
		Inner_1RB_Right	17.36	/	/	10.27	/	/	<=50	Pass
Note1: Antenna Gain: Ant0: -4.94dBi; Note2: ERP=Conducted Power+Antenna Gain-2.15										

2. Frequency Stability

2.1 Test Result

2.1.1 15k_SISO_5MHz

5G NR n26a 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 QPSK	819	Outer_Full	20	LV	-3.90	-0.0048	>=-2.5 & <=2.5	Pass
				HV	-4.00	-0.0049	>=-2.5 & <=2.5	Pass
			-30	NV	-5.30	-0.0065	>=-2.5 & <=2.5	Pass
			-20	NV	-5.90	-0.0072	>=-2.5 & <=2.5	Pass
			-10	NV	-2.00	-0.0024	>=-2.5 & <=2.5	Pass
			0	NV	-2.40	-0.0029	>=-2.5 & <=2.5	Pass
			10	NV	-6.70	-0.0082	>=-2.5 & <=2.5	Pass
			20	NV	-5.00	-0.0061	>=-2.5 & <=2.5	Pass
			30	NV	-8.50	-0.0104	>=-2.5 & <=2.5	Pass
			40	NV	-5.60	-0.0068	>=-2.5 & <=2.5	Pass
			50	NV	-5.10	-0.0062	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	819	Outer_Full	20	LV	-3.00	-0.0037	>=-2.5 & <=2.5	Pass
				HV	-4.10	-0.0050	>=-2.5 & <=2.5	Pass
			-30	NV	-6.40	-0.0078	>=-2.5 & <=2.5	Pass
			-20	NV	-6.10	-0.0074	>=-2.5 & <=2.5	Pass
			-10	NV	-0.50	-0.0006	>=-2.5 & <=2.5	Pass
			0	NV	-7.90	-0.0096	>=-2.5 & <=2.5	Pass
			10	NV	-7.10	-0.0087	>=-2.5 & <=2.5	Pass
			20	NV	-5.30	-0.0065	>=-2.5 & <=2.5	Pass
			30	NV	-7.30	-0.0089	>=-2.5 & <=2.5	Pass
			40	NV	-4.80	-0.0059	>=-2.5 & <=2.5	Pass
			50	NV	-6.10	-0.0074	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	819	Outer_Full	20	LV	-7.10	-0.0087	>=-2.5 & <=2.5	Pass
				HV	-6.60	-0.0081	>=-2.5 & <=2.5	Pass
			-30	NV	-5.70	-0.0070	>=-2.5 & <=2.5	Pass
			-20	NV	-2.70	-0.0033	>=-2.5 & <=2.5	Pass
			-10	NV	-5.50	-0.0067	>=-2.5 & <=2.5	Pass
			0	NV	-6.70	-0.0082	>=-2.5 & <=2.5	Pass
			10	NV	-6.20	-0.0076	>=-2.5 & <=2.5	Pass
			20	NV	-3.80	-0.0046	>=-2.5 & <=2.5	Pass
			30	NV	-3.50	-0.0043	>=-2.5 & <=2.5	Pass
			40	NV	-6.50	-0.0079	>=-2.5 & <=2.5	Pass
			50	NV	-1.60	-0.0020	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	819	Outer_Full	20	LV	-2.80	-0.0034	>=-2.5 & <=2.5	Pass
				HV	-5.00	-0.0061	>=-2.5 & <=2.5	Pass
			-30	NV	-7.00	-0.0085	>=-2.5 & <=2.5	Pass
			-20	NV	-5.50	-0.0067	>=-2.5 & <=2.5	Pass
			-10	NV	-3.10	-0.0038	>=-2.5 & <=2.5	Pass
			0	NV	-5.60	-0.0068	>=-2.5 & <=2.5	Pass
			10	NV	-2.10	-0.0026	>=-2.5 & <=2.5	Pass
			20	NV	-2.70	-0.0033	>=-2.5 & <=2.5	Pass
			30	NV	-4.40	-0.0054	>=-2.5 & <=2.5	Pass
			40	NV	-4.30	-0.0053	>=-2.5 & <=2.5	Pass
			50	NV	-5.10	-0.0062	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	819	Outer_Full	20	LV	2.80	0.0034	>=-2.5 & <=2.5	Pass
				HV	-4.90	-0.0060	>=-2.5 & <=2.5	Pass
			-30	NV	-1.90	-0.0023	>=-2.5 & <=2.5	Pass

			-20	NV	-5.50	-0.0067	>=-2.5 & <=2.5	Pass
			-10	NV	-5.00	-0.0061	>=-2.5 & <=2.5	Pass
			0	NV	-3.60	-0.0044	>=-2.5 & <=2.5	Pass
			10	NV	3.00	0.0037	>=-2.5 & <=2.5	Pass
			20	NV	-2.50	-0.0031	>=-2.5 & <=2.5	Pass
			30	NV	3.20	0.0039	>=-2.5 & <=2.5	Pass
			40	NV	-2.30	-0.0028	>=-2.5 & <=2.5	Pass
			50	NV	2.60	0.0032	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	819	Outer_Full	20	LV	-6.40	-0.0078	>=-2.5 & <=2.5	Pass
				HV	-3.30	-0.0040	>=-2.5 & <=2.5	Pass
			-30	NV	-2.70	-0.0033	>=-2.5 & <=2.5	Pass
			-20	NV	-4.00	-0.0049	>=-2.5 & <=2.5	Pass
			-10	NV	-6.00	-0.0073	>=-2.5 & <=2.5	Pass
			0	NV	-6.10	-0.0074	>=-2.5 & <=2.5	Pass
			10	NV	-5.50	-0.0067	>=-2.5 & <=2.5	Pass
			20	NV	1.50	0.0018	>=-2.5 & <=2.5	Pass
			30	NV	-7.70	-0.0094	>=-2.5 & <=2.5	Pass
			40	NV	-5.90	-0.0072	>=-2.5 & <=2.5	Pass
			50	NV	-3.70	-0.0045	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	819	Outer_Full	20	LV	0.70	0.0009	>=-2.5 & <=2.5	Pass
				HV	-5.10	-0.0062	>=-2.5 & <=2.5	Pass
			-30	NV	-3.50	-0.0043	>=-2.5 & <=2.5	Pass
			-20	NV	-2.00	-0.0024	>=-2.5 & <=2.5	Pass
			-10	NV	2.10	0.0026	>=-2.5 & <=2.5	Pass
			0	NV	-2.70	-0.0033	>=-2.5 & <=2.5	Pass
			10	NV	-1.00	-0.0012	>=-2.5 & <=2.5	Pass
			20	NV	2.00	0.0024	>=-2.5 & <=2.5	Pass
			30	NV	-5.70	-0.0070	>=-2.5 & <=2.5	Pass
			40	NV	-3.50	-0.0043	>=-2.5 & <=2.5	Pass
			50	NV	-3.20	-0.0039	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	819	Outer_Full	20	LV	-2.50	-0.0031	>=-2.5 & <=2.5	Pass
				HV	-0.60	-0.0007	>=-2.5 & <=2.5	Pass
			-30	NV	-5.20	-0.0063	>=-2.5 & <=2.5	Pass
			-20	NV	-1.90	-0.0023	>=-2.5 & <=2.5	Pass
			-10	NV	-3.00	-0.0037	>=-2.5 & <=2.5	Pass
			0	NV	-1.70	-0.0021	>=-2.5 & <=2.5	Pass
			10	NV	-2.30	-0.0028	>=-2.5 & <=2.5	Pass
			20	NV	-1.70	-0.0021	>=-2.5 & <=2.5	Pass
			30	NV	-5.70	-0.0070	>=-2.5 & <=2.5	Pass
			40	NV	1.60	0.0020	>=-2.5 & <=2.5	Pass
			50	NV	1.90	0.0023	>=-2.5 & <=2.5	Pass

2.1.2 15k_SISO_10MHz

5G NR n26a 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 QPSK	819	Outer_Full	20	LV	-6.00	-0.0073	>=-2.5 & <=2.5	Pass
				HV	-3.30	-0.0040	>=-2.5 & <=2.5	Pass
			-30	NV	-4.40	-0.0054	>=-2.5 & <=2.5	Pass
			-20	NV	-4.30	-0.0053	>=-2.5 & <=2.5	Pass
			-10	NV	-7.10	-0.0087	>=-2.5 & <=2.5	Pass
			0	NV	-6.90	-0.0084	>=-2.5 & <=2.5	Pass
			10	NV	-2.30	-0.0028	>=-2.5 & <=2.5	Pass
			20	NV	-2.80	-0.0034	>=-2.5 & <=2.5	Pass
			30	NV	-6.50	-0.0079	>=-2.5 & <=2.5	Pass
			40	NV	-4.90	-0.0060	>=-2.5 & <=2.5	Pass

			50	NV	-5.90	-0.0072	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	819	Outer_Full	20	LV	0.30	0.0004	>=-2.5 & <=2.5	Pass
				HV	-6.30	-0.0077	>=-2.5 & <=2.5	Pass
			-30	NV	-5.80	-0.0071	>=-2.5 & <=2.5	Pass
			-20	NV	-7.80	-0.0095	>=-2.5 & <=2.5	Pass
			-10	NV	-4.90	-0.0060	>=-2.5 & <=2.5	Pass
			0	NV	-5.90	-0.0072	>=-2.5 & <=2.5	Pass
			10	NV	-3.90	-0.0048	>=-2.5 & <=2.5	Pass
			20	NV	-1.60	-0.0020	>=-2.5 & <=2.5	Pass
			30	NV	-4.70	-0.0057	>=-2.5 & <=2.5	Pass
			40	NV	-3.20	-0.0039	>=-2.5 & <=2.5	Pass
			50	NV	-5.20	-0.0063	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	819	Outer_Full	20	LV	-2.60	-0.0032	>=-2.5 & <=2.5	Pass
				HV	-4.80	-0.0059	>=-2.5 & <=2.5	Pass
			-30	NV	-1.40	-0.0017	>=-2.5 & <=2.5	Pass
			-20	NV	-5.70	-0.0070	>=-2.5 & <=2.5	Pass
			-10	NV	-7.00	-0.0085	>=-2.5 & <=2.5	Pass
			0	NV	-2.00	-0.0024	>=-2.5 & <=2.5	Pass
			10	NV	-5.00	-0.0061	>=-2.5 & <=2.5	Pass
			20	NV	-5.70	-0.0070	>=-2.5 & <=2.5	Pass
			30	NV	-6.70	-0.0082	>=-2.5 & <=2.5	Pass
			40	NV	-3.90	-0.0048	>=-2.5 & <=2.5	Pass
			50	NV	-4.60	-0.0056	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	819	Outer_Full	20	LV	-6.50	-0.0079	>=-2.5 & <=2.5	Pass
				HV	-8.20	-0.0100	>=-2.5 & <=2.5	Pass
			-30	NV	-6.40	-0.0078	>=-2.5 & <=2.5	Pass
			-20	NV	-6.20	-0.0076	>=-2.5 & <=2.5	Pass
			-10	NV	-4.30	-0.0053	>=-2.5 & <=2.5	Pass
			0	NV	-5.50	-0.0067	>=-2.5 & <=2.5	Pass
			10	NV	-5.80	-0.0071	>=-2.5 & <=2.5	Pass
			20	NV	-9.10	-0.0111	>=-2.5 & <=2.5	Pass
			30	NV	-4.00	-0.0049	>=-2.5 & <=2.5	Pass
			40	NV	-4.50	-0.0055	>=-2.5 & <=2.5	Pass
			50	NV	-5.60	-0.0068	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	819	Outer_Full	20	LV	-4.80	-0.0059	>=-2.5 & <=2.5	Pass
				HV	-4.80	-0.0059	>=-2.5 & <=2.5	Pass
			-30	NV	-6.40	-0.0078	>=-2.5 & <=2.5	Pass
			-20	NV	-5.30	-0.0065	>=-2.5 & <=2.5	Pass
			-10	NV	-2.40	-0.0029	>=-2.5 & <=2.5	Pass
			0	NV	-1.10	-0.0013	>=-2.5 & <=2.5	Pass
			10	NV	-3.50	-0.0043	>=-2.5 & <=2.5	Pass
			20	NV	-4.10	-0.0050	>=-2.5 & <=2.5	Pass
			30	NV	-2.80	-0.0034	>=-2.5 & <=2.5	Pass
			40	NV	-4.20	-0.0051	>=-2.5 & <=2.5	Pass
			50	NV	-5.10	-0.0062	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	819	Outer_Full	20	LV	-2.10	-0.0026	>=-2.5 & <=2.5	Pass
				HV	-2.10	-0.0026	>=-2.5 & <=2.5	Pass
			-30	NV	-1.60	-0.0020	>=-2.5 & <=2.5	Pass
			-20	NV	2.50	0.0031	>=-2.5 & <=2.5	Pass
			-10	NV	-4.50	-0.0055	>=-2.5 & <=2.5	Pass
			0	NV	-1.90	-0.0023	>=-2.5 & <=2.5	Pass
			10	NV	-2.00	-0.0024	>=-2.5 & <=2.5	Pass
			20	NV	-4.20	-0.0051	>=-2.5 & <=2.5	Pass
			30	NV	-2.80	-0.0034	>=-2.5 & <=2.5	Pass
			40	NV	1.20	0.0015	>=-2.5 & <=2.5	Pass
			50	NV	-3.90	-0.0048	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	819	Outer_Full	20	LV	-6.40	-0.0078	>=-2.5 & <=2.5	Pass
				HV	-3.00	-0.0037	>=-2.5 & <=2.5	Pass
			-30	NV	1.70	0.0021	>=-2.5 & <=2.5	Pass

			-20	NV	-4.60	-0.0056	>=-2.5 & <=2.5	Pass
			-10	NV	-0.90	-0.0011	>=-2.5 & <=2.5	Pass
			0	NV	-3.70	-0.0045	>=-2.5 & <=2.5	Pass
			10	NV	-2.60	-0.0032	>=-2.5 & <=2.5	Pass
			20	NV	-2.80	-0.0034	>=-2.5 & <=2.5	Pass
			30	NV	-3.20	-0.0039	>=-2.5 & <=2.5	Pass
			40	NV	-6.30	-0.0077	>=-2.5 & <=2.5	Pass
			50	NV	-3.40	-0.0042	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	819	Outer_Full	20	LV	1.10	0.0013	>=-2.5 & <=2.5	Pass
				HV	-2.30	-0.0028	>=-2.5 & <=2.5	Pass
			-30	NV	1.90	0.0023	>=-2.5 & <=2.5	Pass
			-20	NV	-3.70	-0.0045	>=-2.5 & <=2.5	Pass
			-10	NV	-0.10	-0.0001	>=-2.5 & <=2.5	Pass
			0	NV	-4.90	-0.0060	>=-2.5 & <=2.5	Pass
			10	NV	-1.80	-0.0022	>=-2.5 & <=2.5	Pass
			20	NV	-7.20	-0.0088	>=-2.5 & <=2.5	Pass
			30	NV	-5.60	-0.0068	>=-2.5 & <=2.5	Pass
			40	NV	0.70	0.0009	>=-2.5 & <=2.5	Pass
			50	NV	-5.30	-0.0065	>=-2.5 & <=2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 15k_SISO_5MHz_NTNV

5G NR n26a SCS=15kHz SISO 5MHz NTNV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	816.5	Outer_Full	4.59	5.30	/	Pass
	819	Outer_Full	4.56	5.30	/	Pass
	821.5	Outer_Full	4.56	5.33	/	Pass
DFT-s-OFDM 16 QAM	816.5	Outer_Full	4.58	5.41	/	Pass
	819	Outer_Full	4.56	5.38	/	Pass
	821.5	Outer_Full	4.60	5.42	/	Pass
DFT-s-OFDM 64 QAM	816.5	Outer_Full	4.59	5.41	/	Pass
	819	Outer_Full	4.54	5.20	/	Pass
	821.5	Outer_Full	4.57	5.26	/	Pass
DFT-s-OFDM 256 QAM	816.5	Outer_Full	4.56	5.41	/	Pass
	819	Outer_Full	4.60	5.44	/	Pass
	821.5	Outer_Full	4.56	5.33	/	Pass
CP-OFDM QPSK	816.5	Outer_Full	4.55	5.35	/	Pass
	819	Outer_Full	4.53	5.36	/	Pass
	821.5	Outer_Full	4.54	5.30	/	Pass
CP-OFDM 16 QAM	816.5	Outer_Full	4.61	5.40	/	Pass
	819	Outer_Full	4.58	5.45	/	Pass
	821.5	Outer_Full	4.56	5.31	/	Pass
CP-OFDM 64 QAM	816.5	Outer_Full	4.53	5.29	/	Pass
	819	Outer_Full	4.52	5.34	/	Pass
	821.5	Outer_Full	4.54	5.23	/	Pass
CP-OFDM 256 QAM	816.5	Outer_Full	4.58	5.36	/	Pass
	819	Outer_Full	4.55	5.29	/	Pass
	821.5	Outer_Full	4.56	5.33	/	Pass

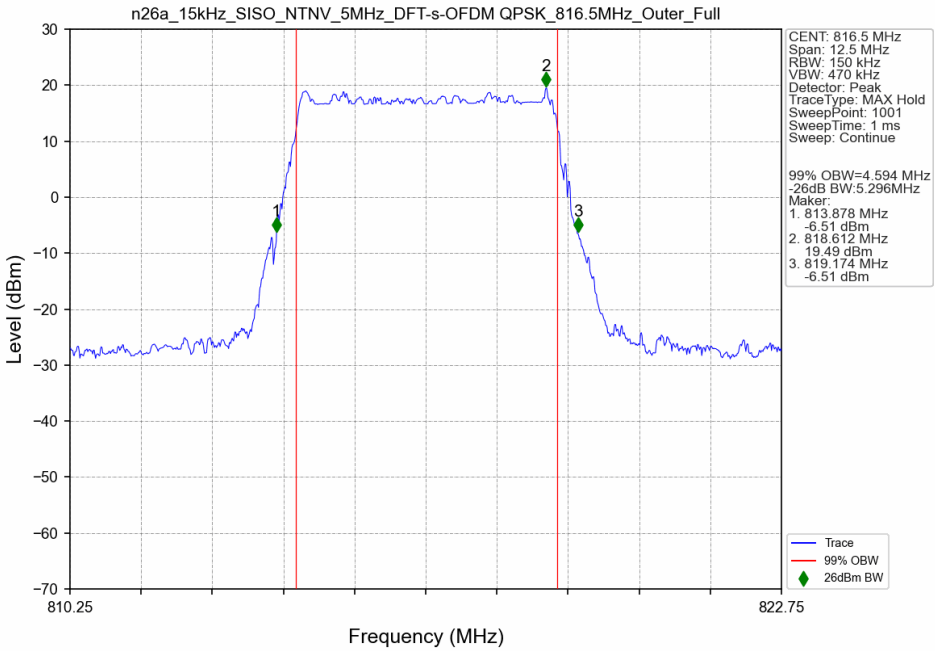
3.1.2 15k_SISO_10MHz_NTNV

5G NR n26a SCS=15kHz SISO 10MHz NTNV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	819	Outer_Full	9.04	10.02	/	Pass
	819	Outer_Full	9.04	10.04	/	Pass
	819	Outer_Full	9.05	10.03	/	Pass
DFT-s-OFDM 16 QAM	819	Outer_Full	9.06	10.07	/	Pass
	819	Outer_Full	9.04	10.06	/	Pass
	819	Outer_Full	9.06	10.07	/	Pass
DFT-s-OFDM 64 QAM	819	Outer_Full	9.05	10.06	/	Pass
	819	Outer_Full	9.06	10.06	/	Pass
	819	Outer_Full	9.05	10.07	/	Pass
DFT-s-OFDM 256 QAM	819	Outer_Full	9.04	10.00	/	Pass
	819	Outer_Full	9.04	10.00	/	Pass
	819	Outer_Full	9.03	9.98	/	Pass
CP-OFDM QPSK	819	Outer_Full	9.37	10.39	/	Pass
	819	Outer_Full	9.36	10.42	/	Pass
	819	Outer_Full	9.36	10.43	/	Pass
CP-OFDM 16 QAM	819	Outer_Full	9.39	10.28	/	Pass
	819	Outer_Full	9.38	10.31	/	Pass
	819	Outer_Full	9.39	10.28	/	Pass
CP-OFDM 64 QAM	819	Outer_Full	9.33	10.34	/	Pass
	819	Outer_Full	9.34	10.28	/	Pass
	819	Outer_Full	9.33	10.31	/	Pass
CP-OFDM 256 QAM	819	Outer_Full	9.37	10.36	/	Pass
	819	Outer_Full	9.38	10.31	/	Pass
	819	Outer_Full	9.37	10.33	/	Pass

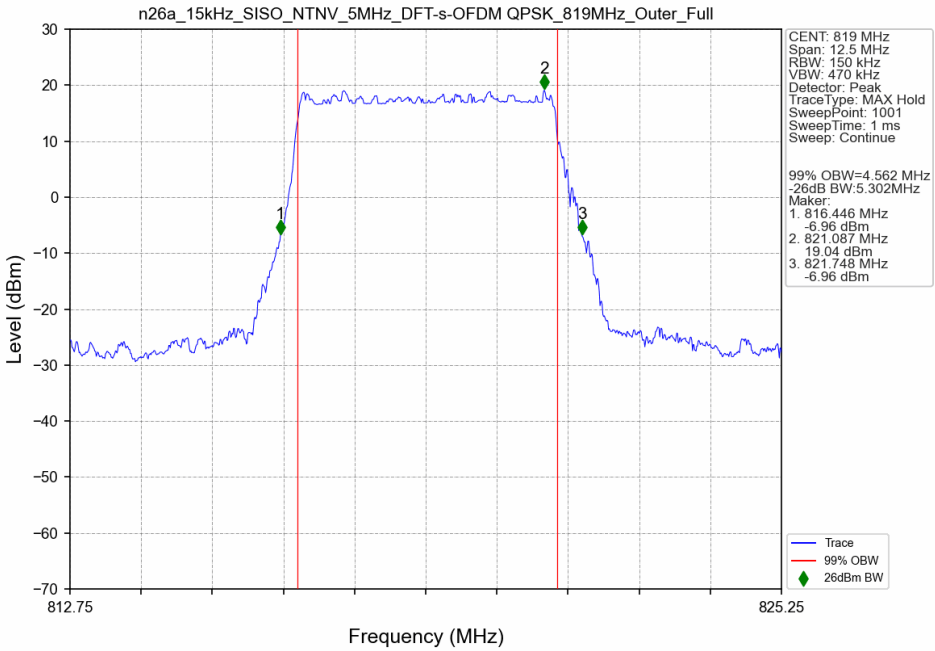
3.2 Test Graph

3.2.1 15k_SISO_5MHz_NTNV

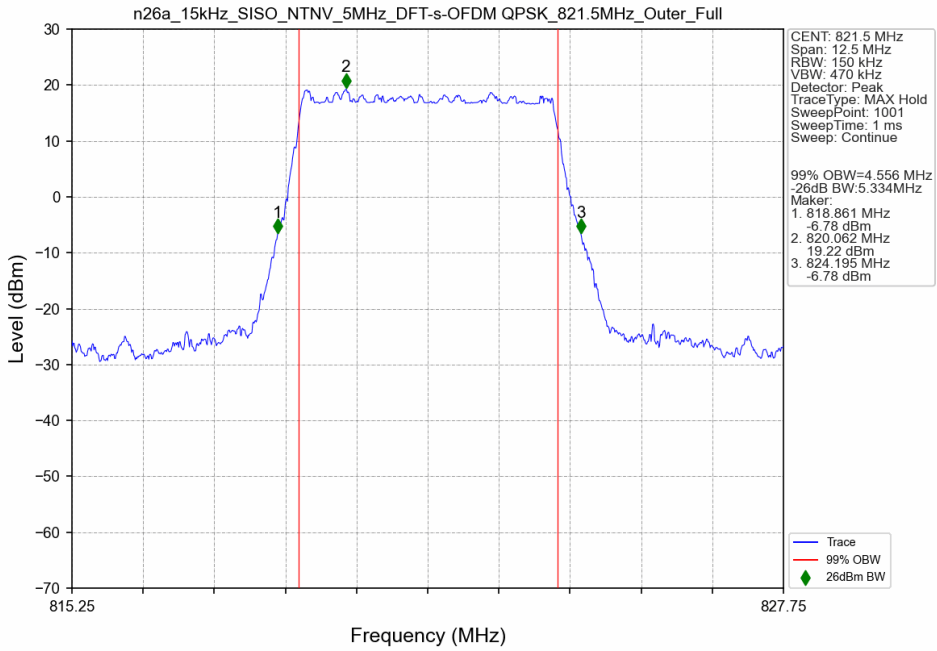
n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_816.5MHz_Outer_Full_Ant0



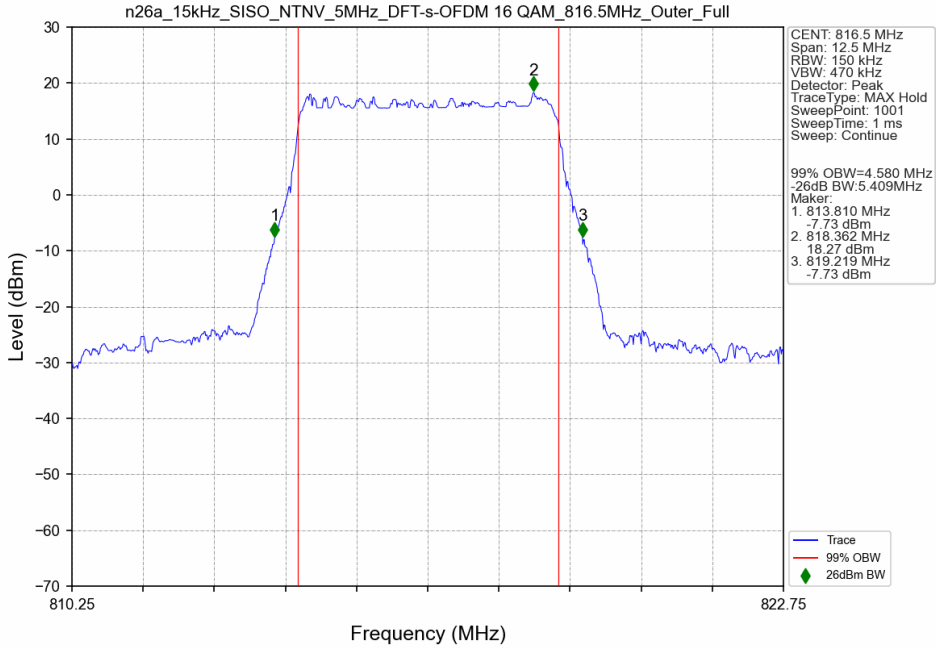
n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_819MHz_Outer_Full_Ant0



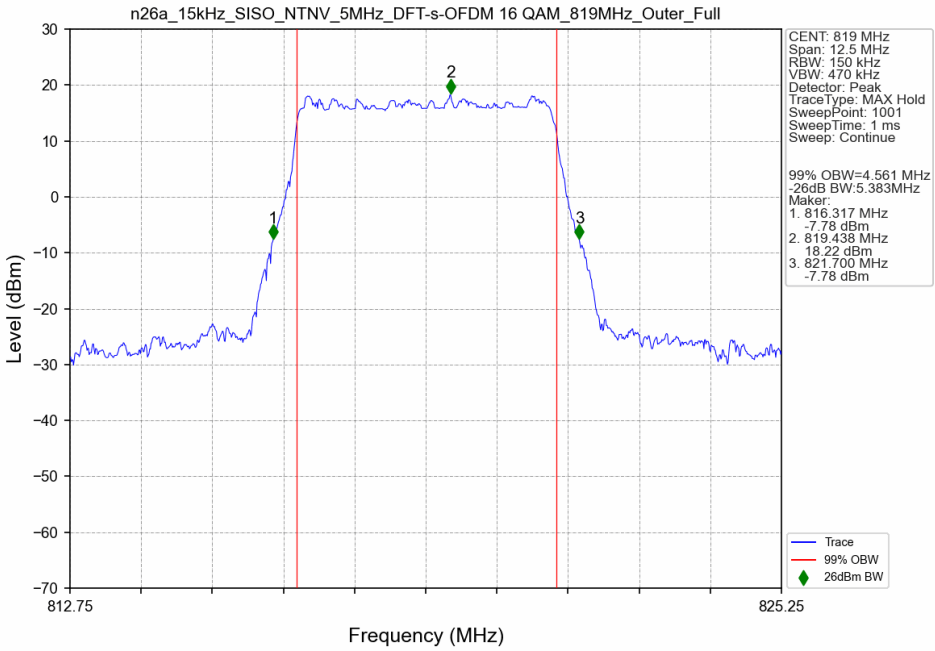
n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_821.5MHz_Outer_Full_Ant0



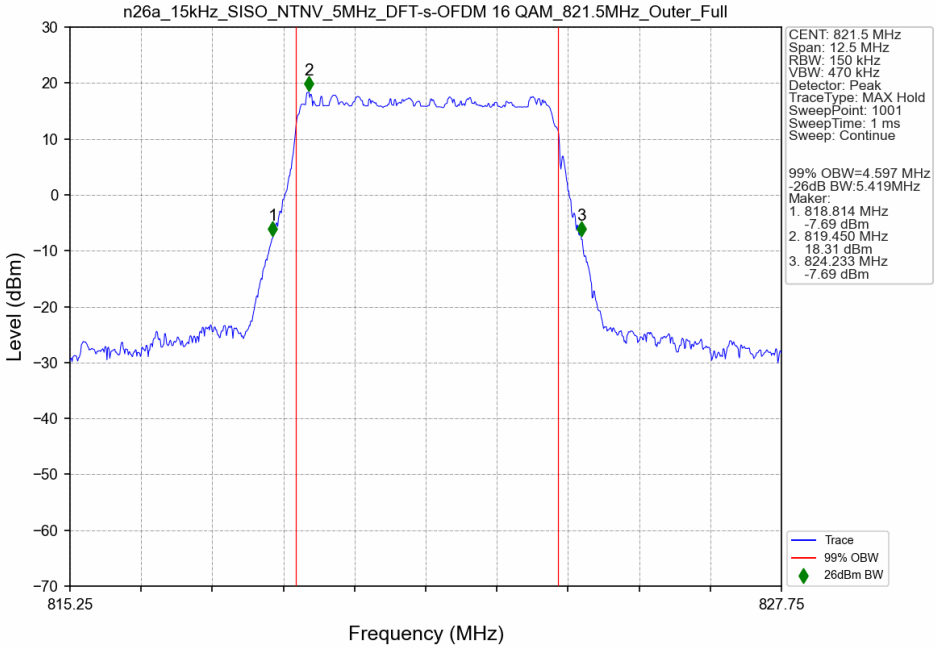
n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 16 QAM_816.5MHz_Outer_Full_Ant0



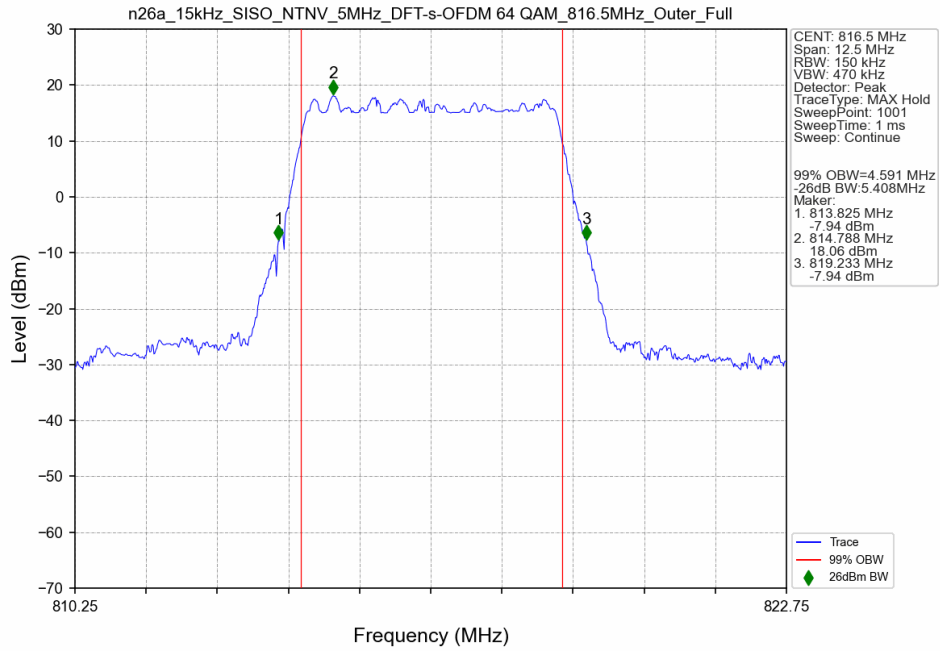
n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 16 QAM_819MHz_Outer_Full_Ant0



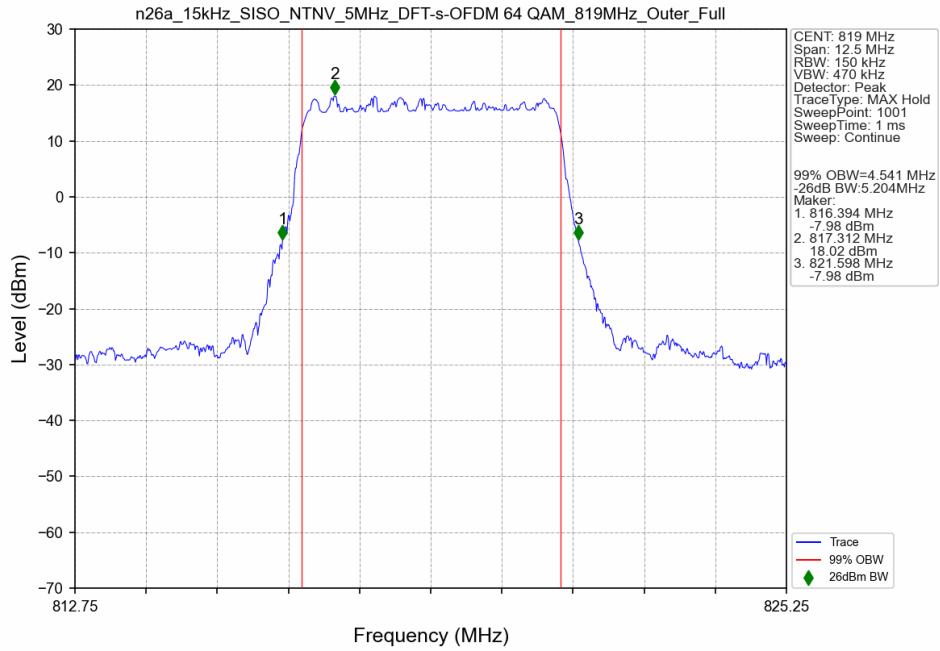
n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 16 QAM_821.5MHz_Outer_Full_Ant0



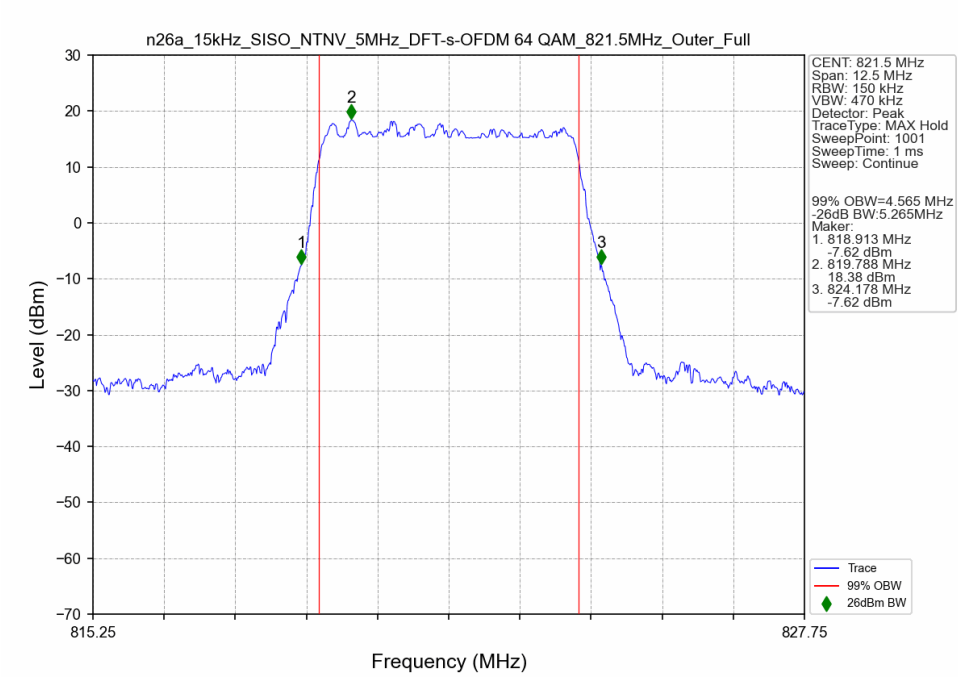
n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 64 QAM_816.5MHz_Outer_Full_Ant0



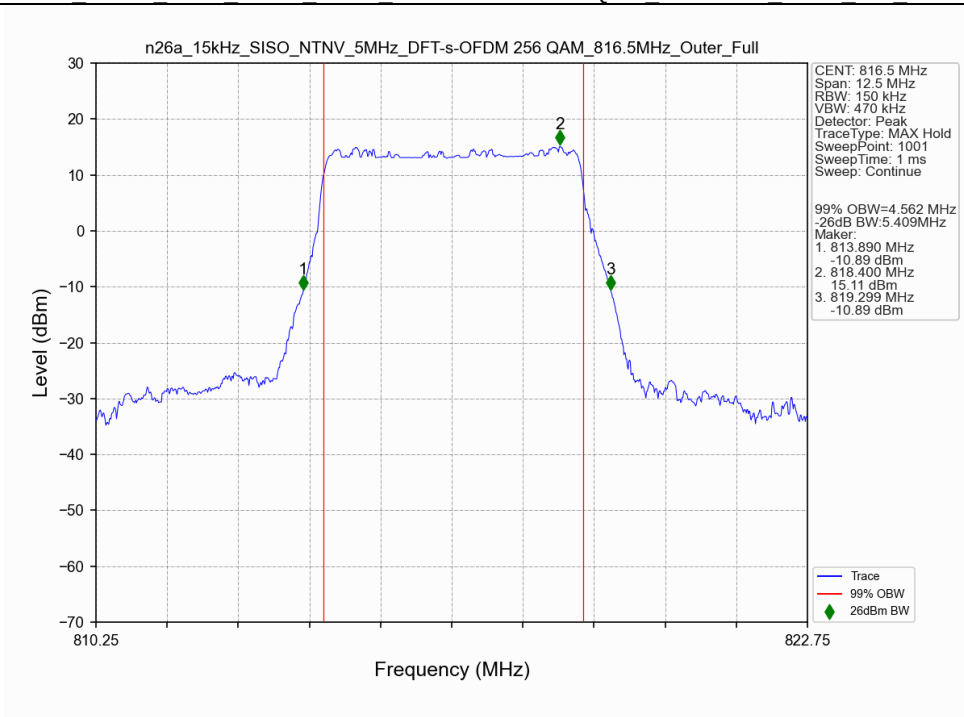
n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 64 QAM_819MHz_Outer_Full_Ant0



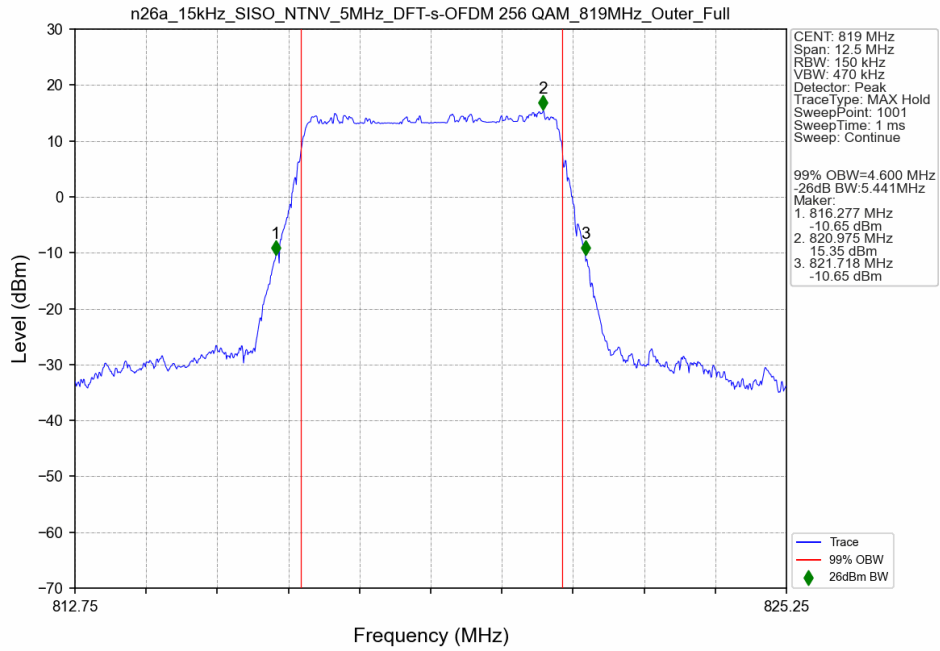
n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 64 QAM_821.5MHz_Outer_Full_Ant0



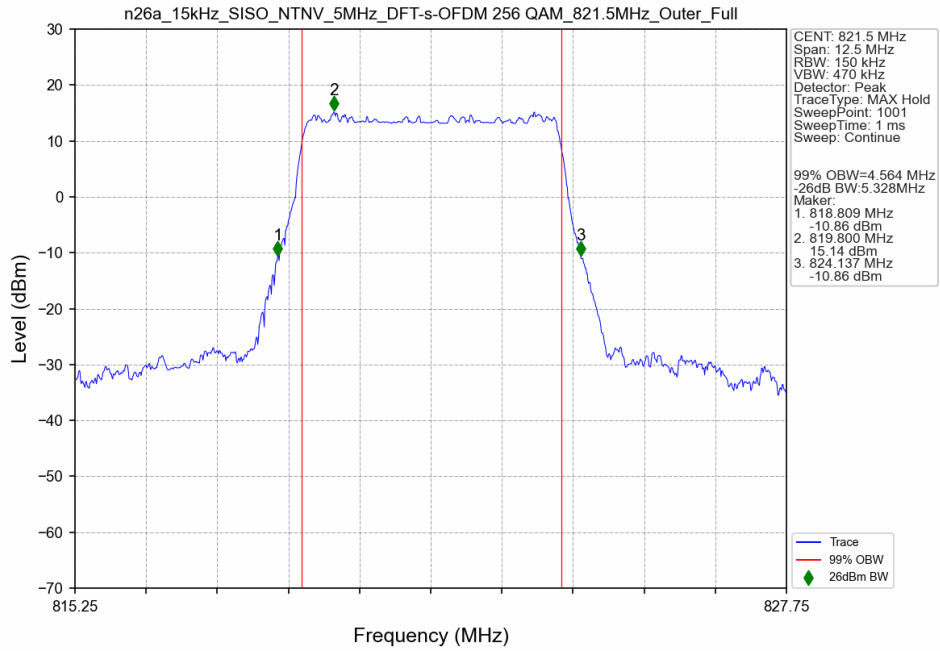
n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 256 QAM_816.5MHz_Outer_Full_Ant0



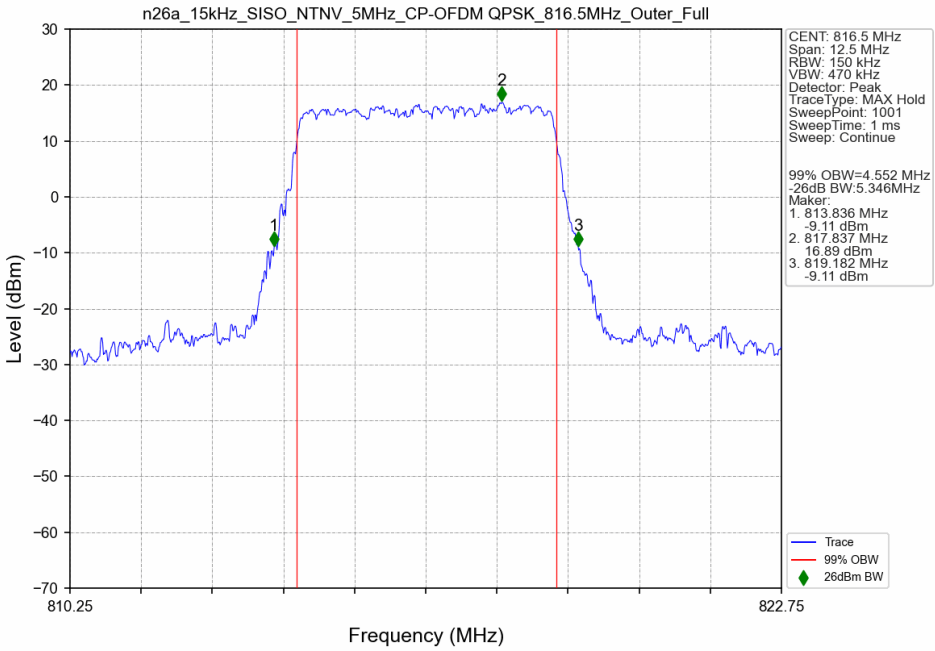
n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 256 QAM_819MHz_Outer_Full_Ant0



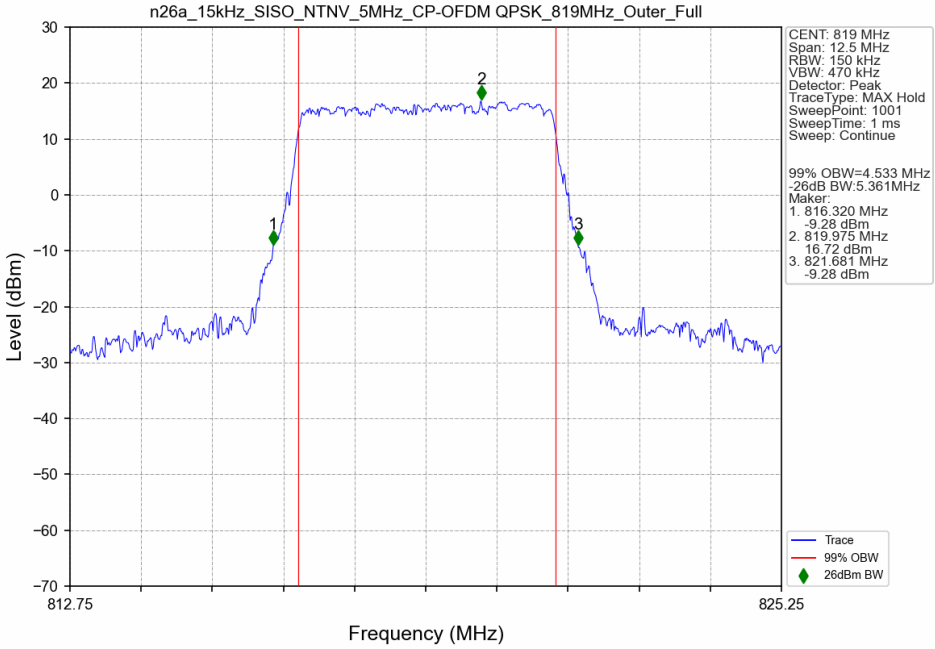
n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 256 QAM_821.5MHz_Outer_Full_Ant0



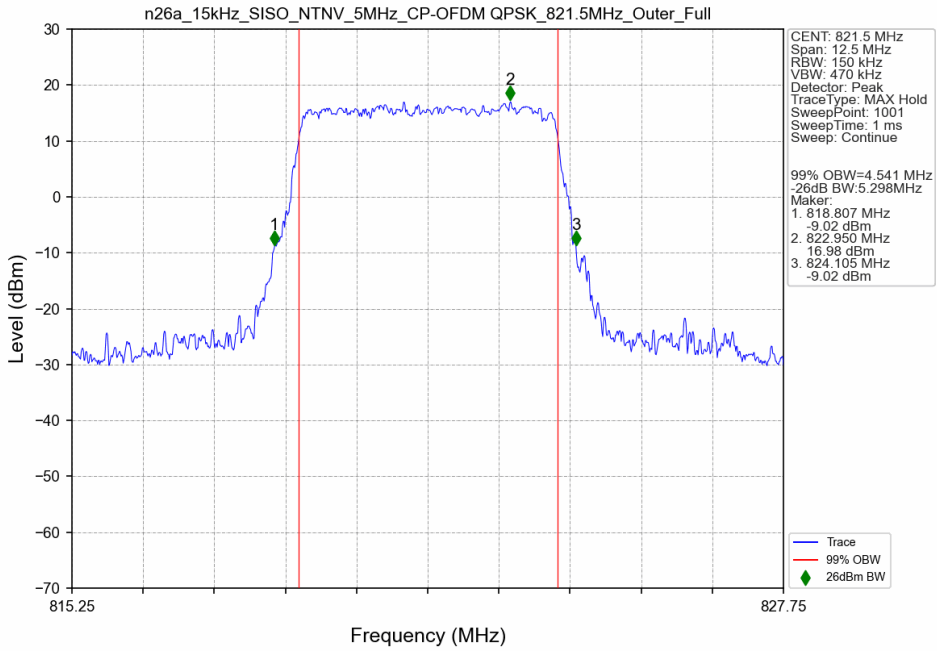
n26a_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_816.5MHz_Outer_Full_Ant0



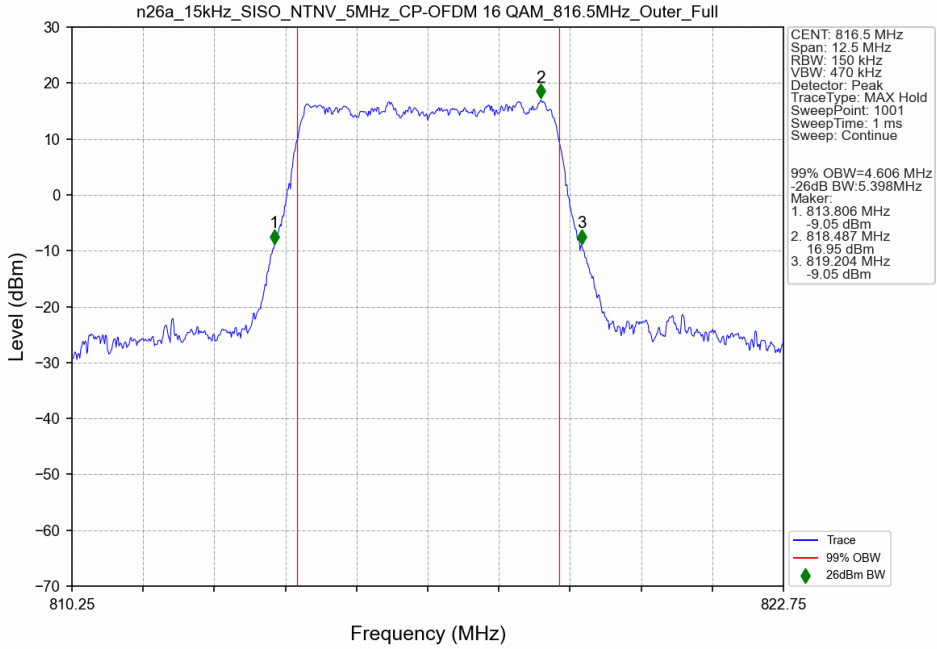
n26a_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_819MHz_Outer_Full_Ant0



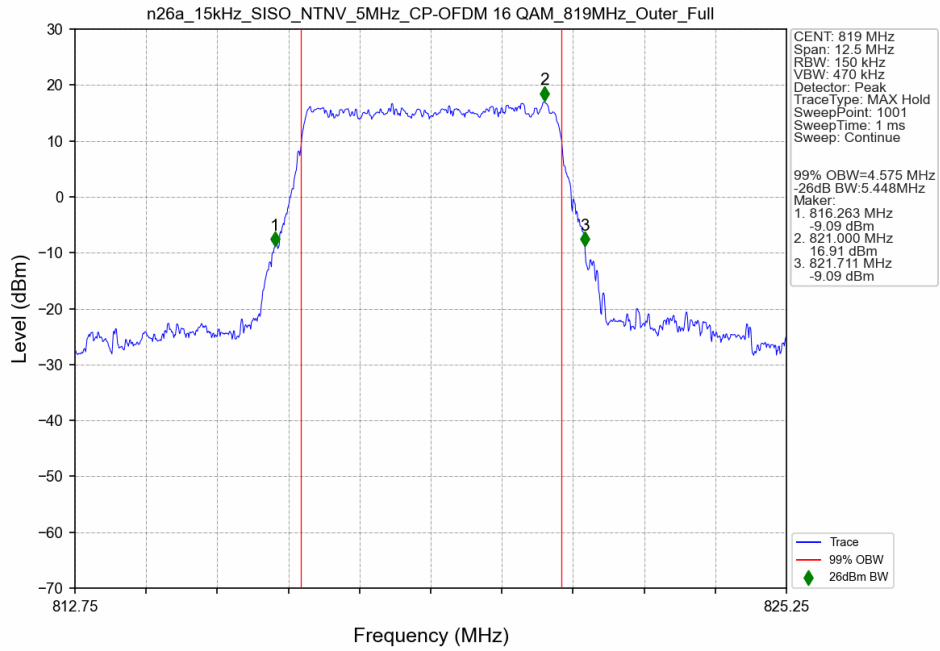
n26a_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_821.5MHz_Outer_Full_Ant0



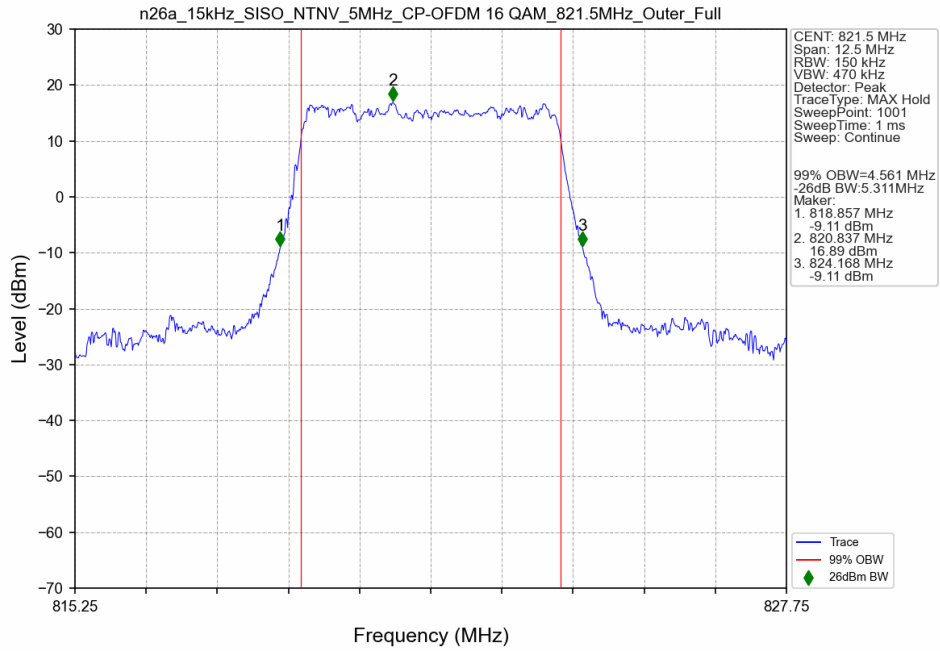
n26a_15kHz_SISO_NTNV_5MHz_CP-OFDM 16 QAM_816.5MHz_Outer_Full_Ant0



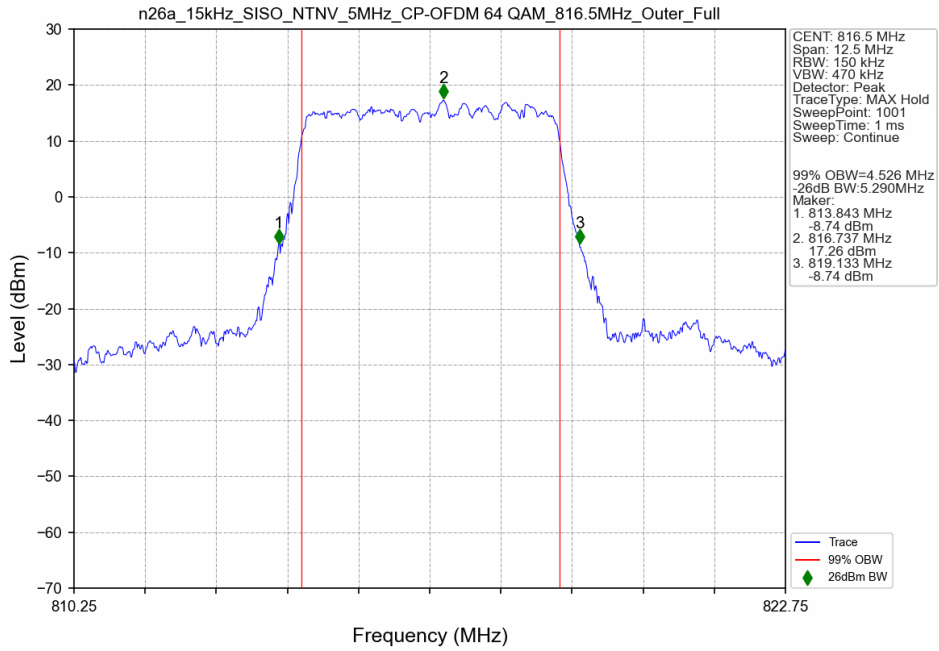
n26a_15kHz_SISO_NTNV_5MHz_CP-OFDM 16 QAM_819MHz_Outer_Full_Ant0



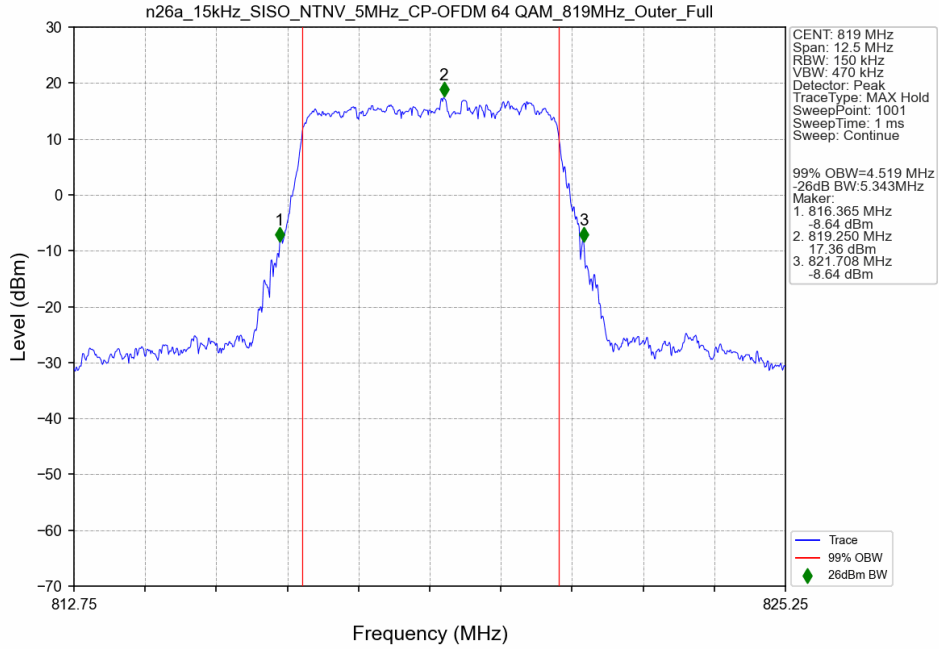
n26a_15kHz_SISO_NTNV_5MHz_CP-OFDM 16 QAM_821.5MHz_Outer_Full_Ant0



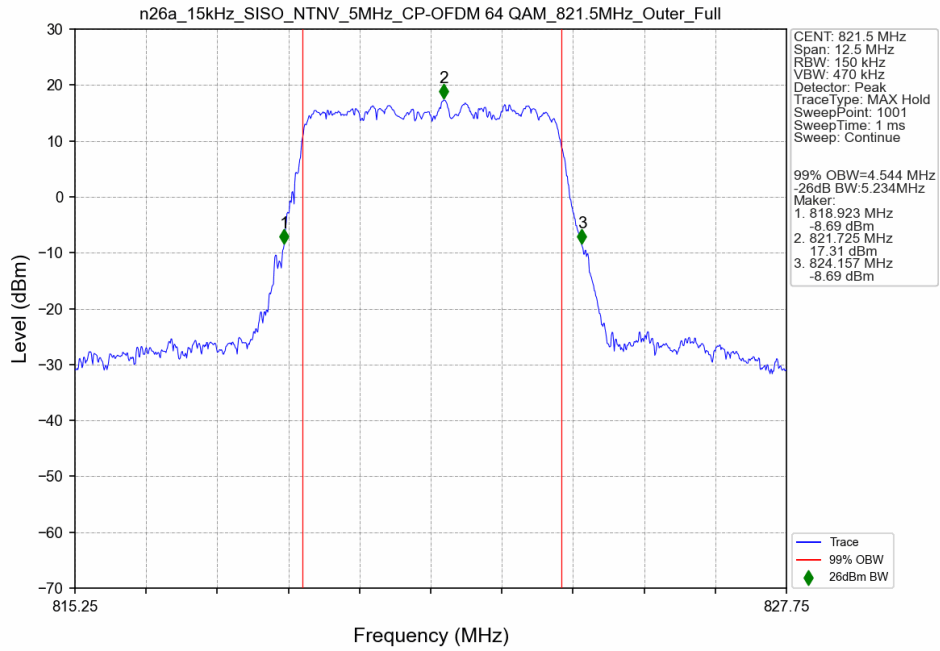
n26a_15kHz_SISO_NTNV_5MHz_CP-OFDM 64 QAM_816.5MHz_Outer_Full_Ant0



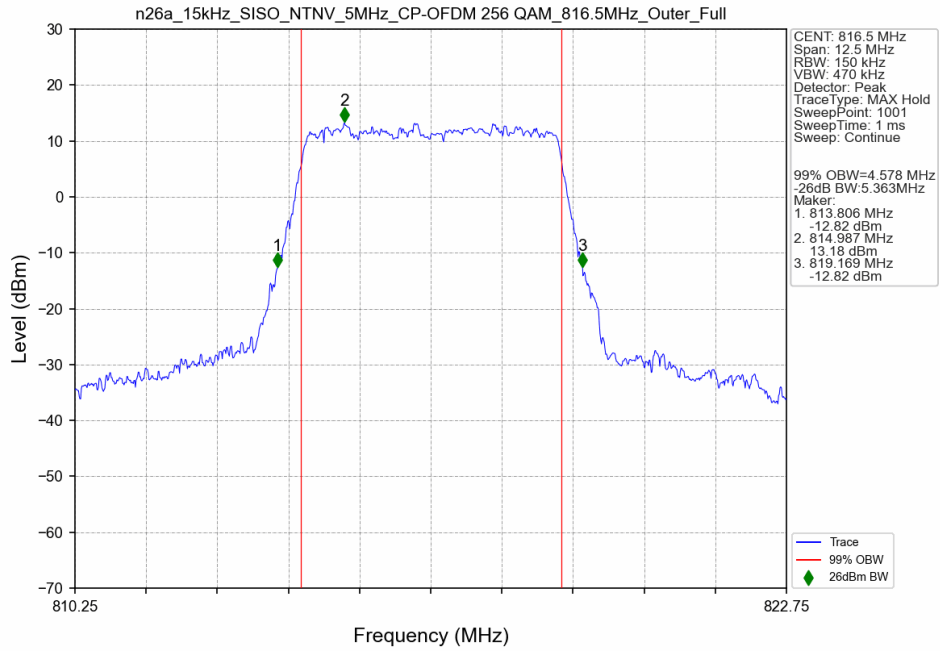
n26a_15kHz_SISO_NTNV_5MHz_CP-OFDM 64 QAM_819MHz_Outer_Full_Ant0



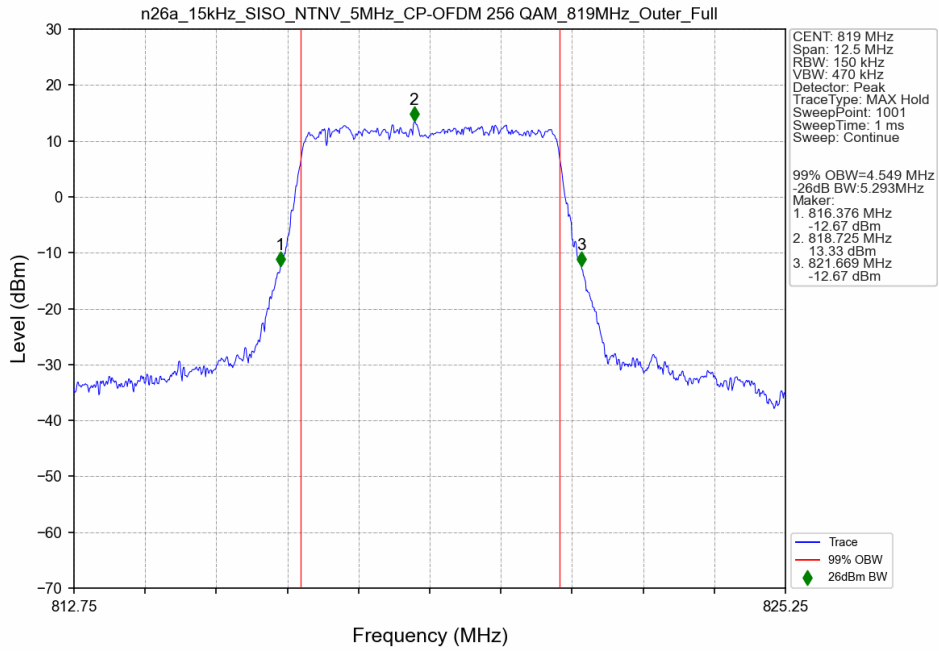
n26a_15kHz_SISO_NTNV_5MHz_CP-OFDM 64 QAM_821.5MHz_Outer_Full_Ant0



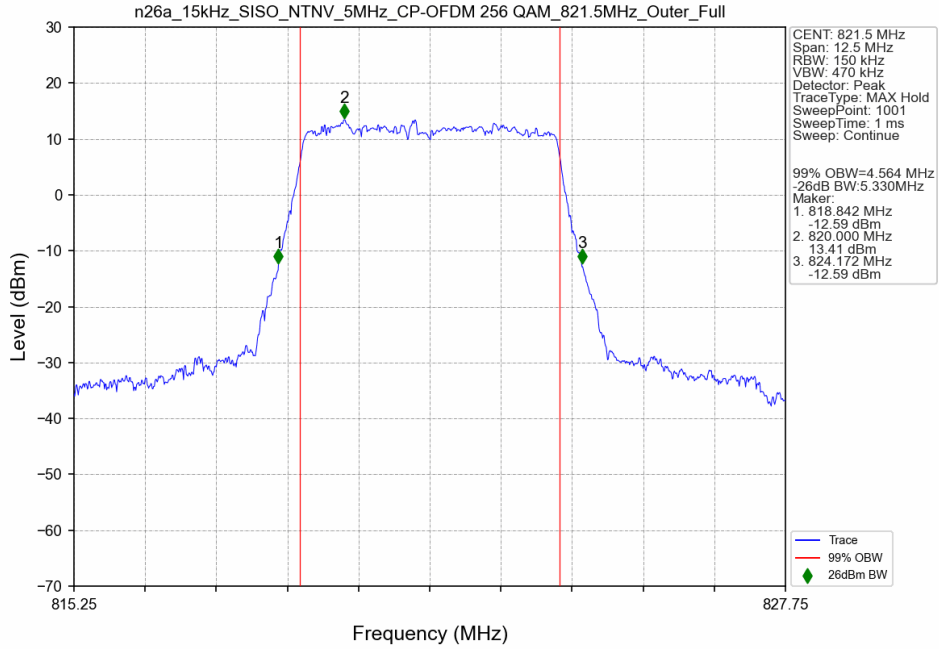
n26a_15kHz_SISO_NTNV_5MHz_CP-OFDM 256 QAM_816.5MHz_Outer_Full_Ant0



n26a_15kHz_SISO_NTNV_5MHz_CP-OFDM 256 QAM_819MHz_Outer_Full_Ant0

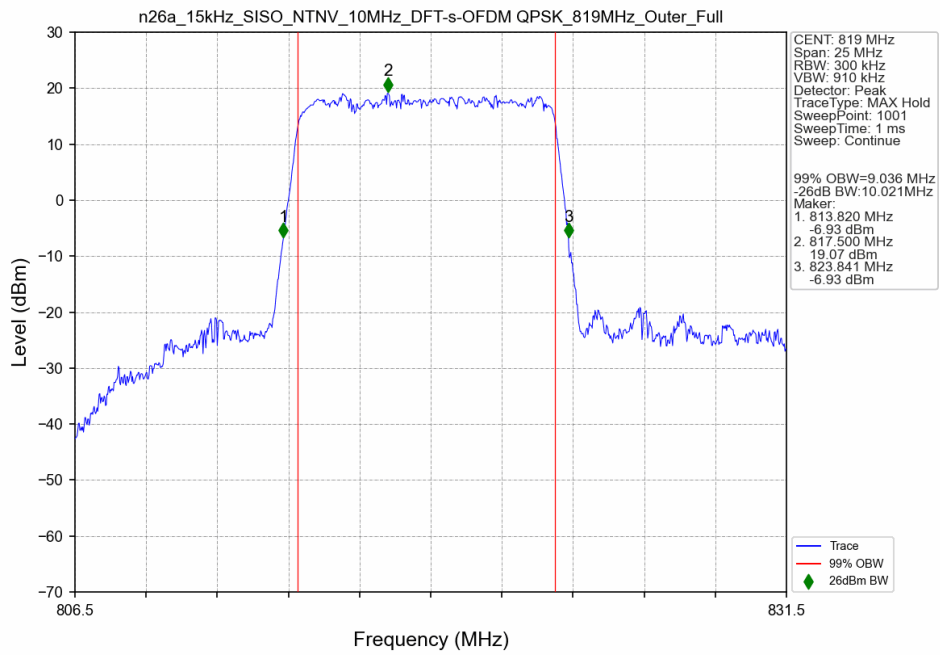


n26a_15kHz_SISO_NTNV_5MHz_CP-OFDM 256 QAM_821.5MHz_Outer_Full_Ant0

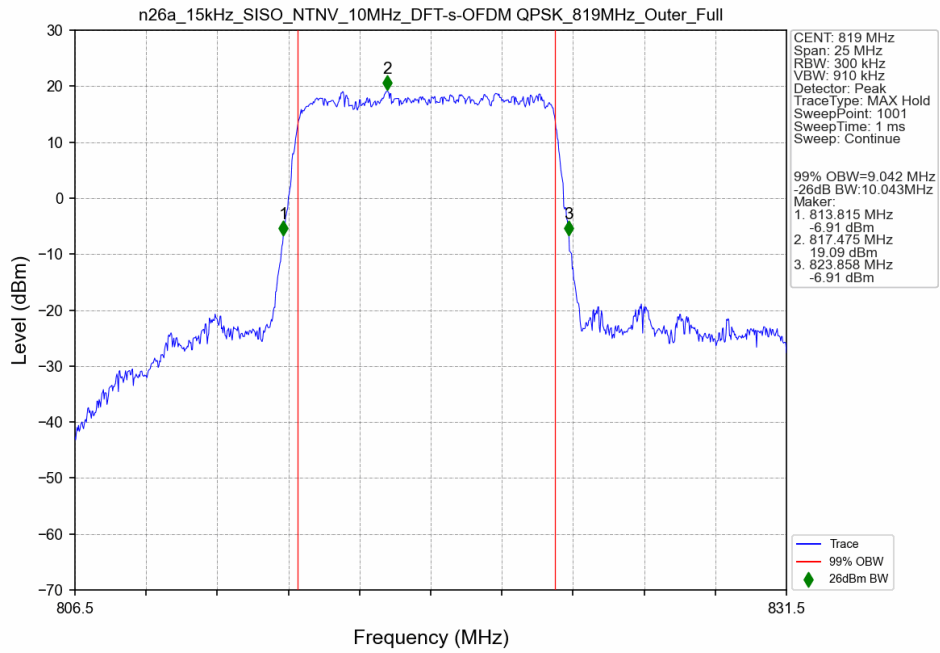


3.2.2 15k_SISO_10MHz_NTNV

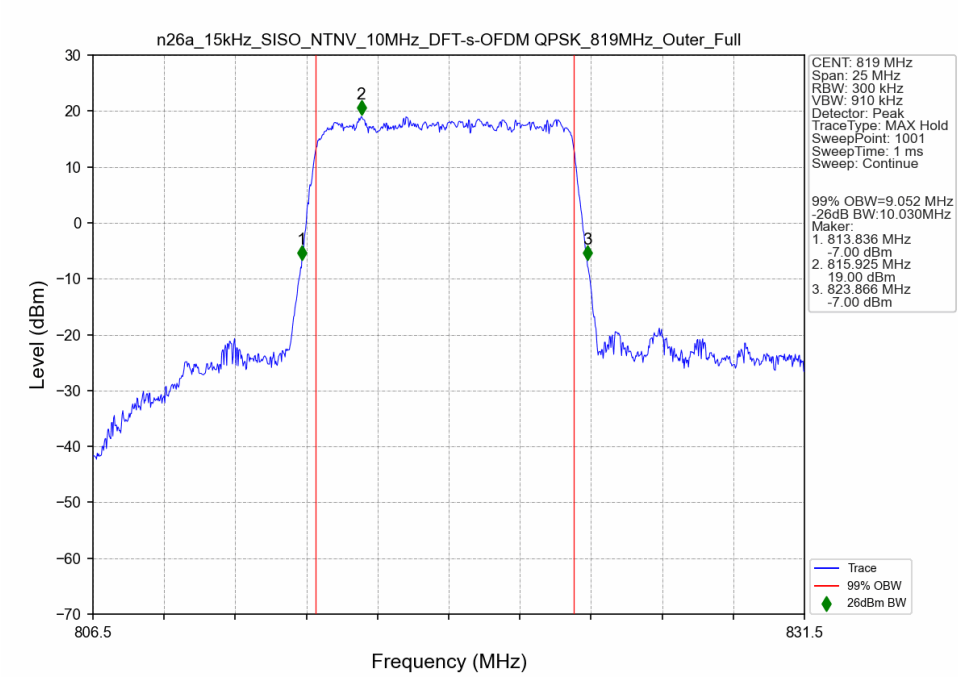
n26a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_819MHz_Outer_Full_Ant0



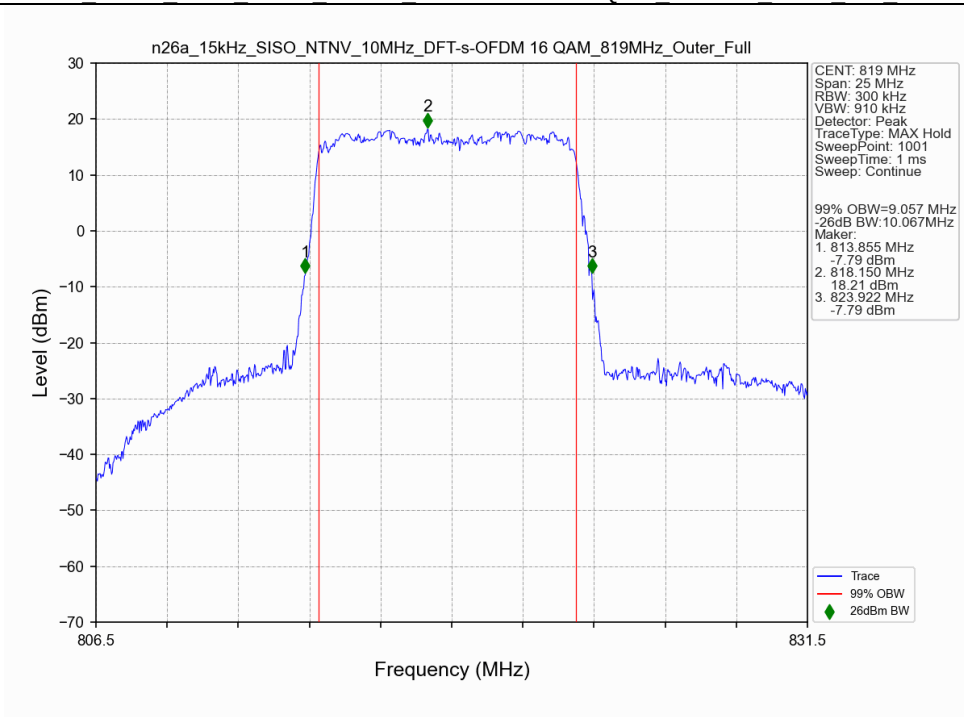
n26a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_819MHz_Outer_Full_Ant0



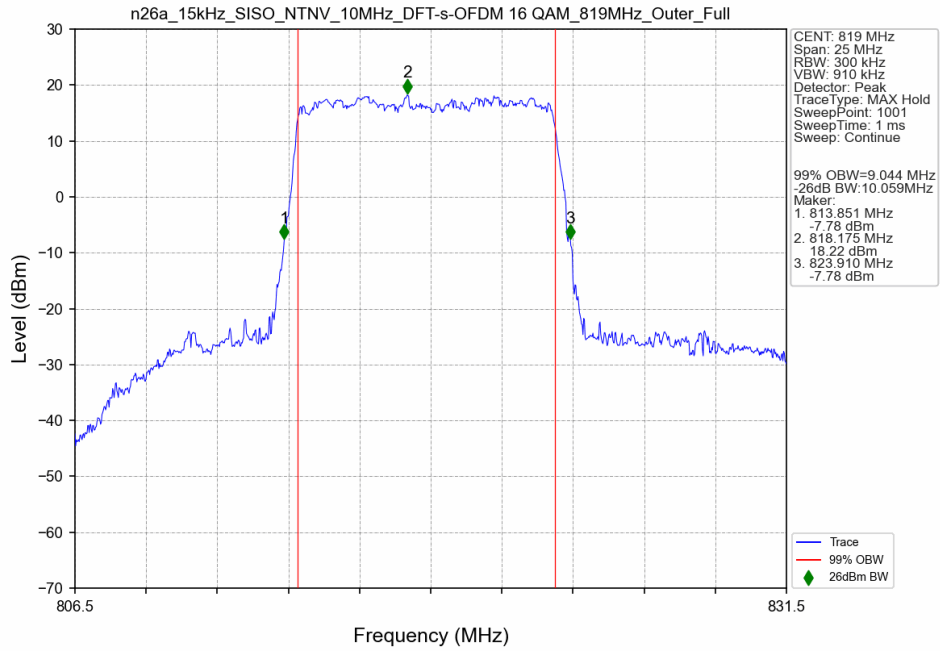
n26a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_819MHz_Outer_Full_Ant0



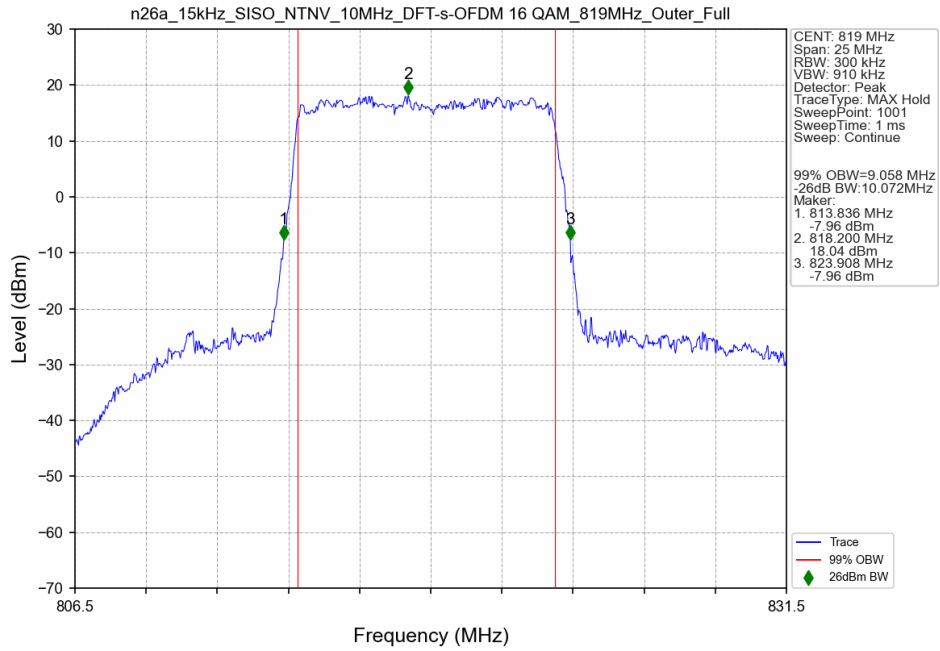
n26a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 16 QAM_819MHz_Outer_Full_Ant0



n26a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 16 QAM_819MHz_Outer_Full_Ant0

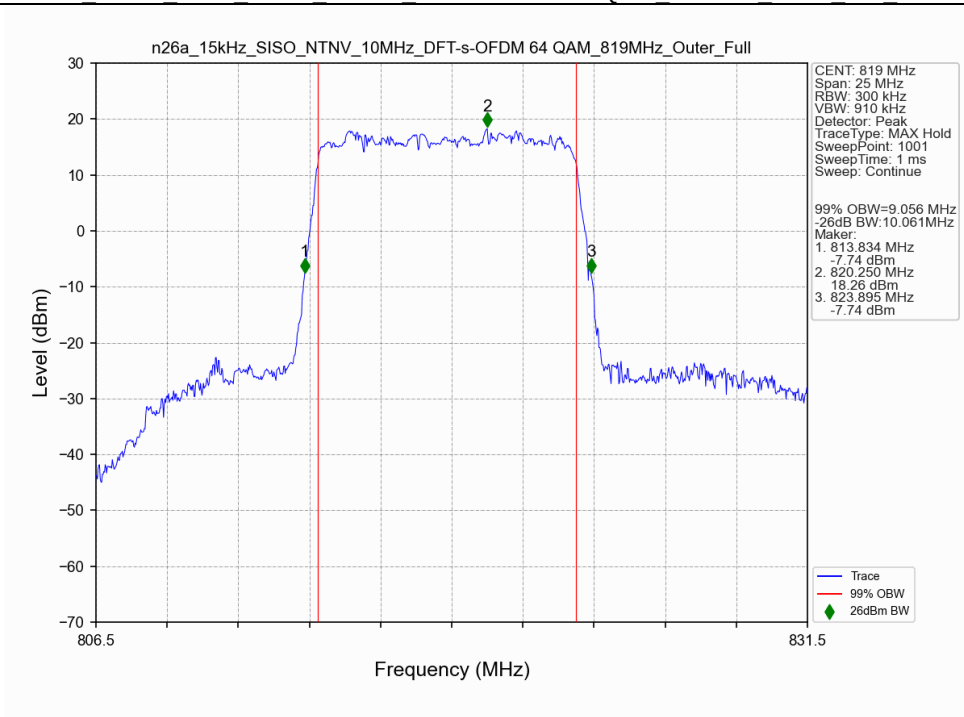


n26a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 16 QAM_819MHz_Outer_Full_Ant0

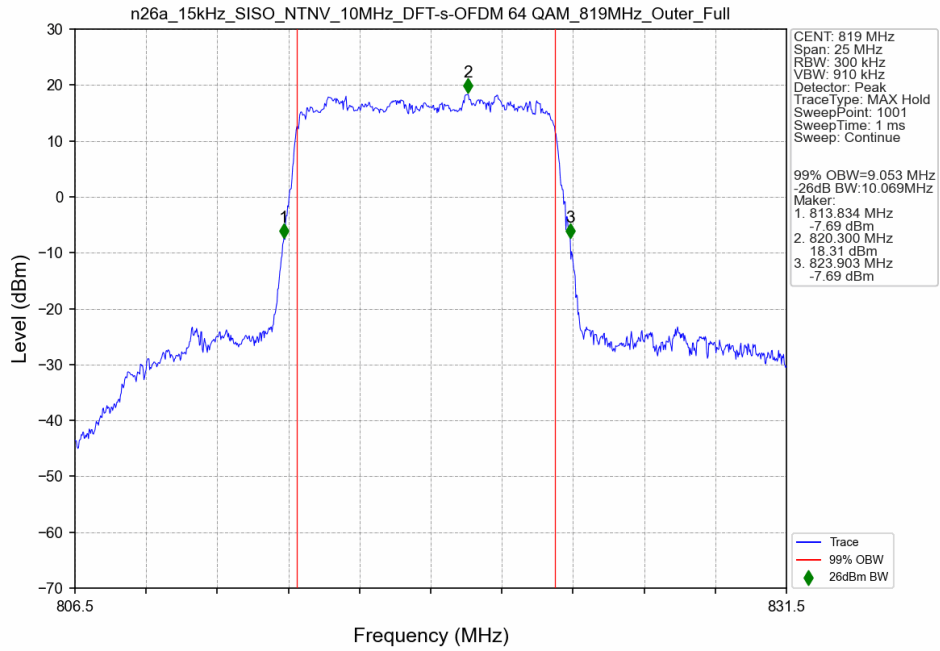


n26a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 64 QAM_819MHz_Outer_Full_Ant0

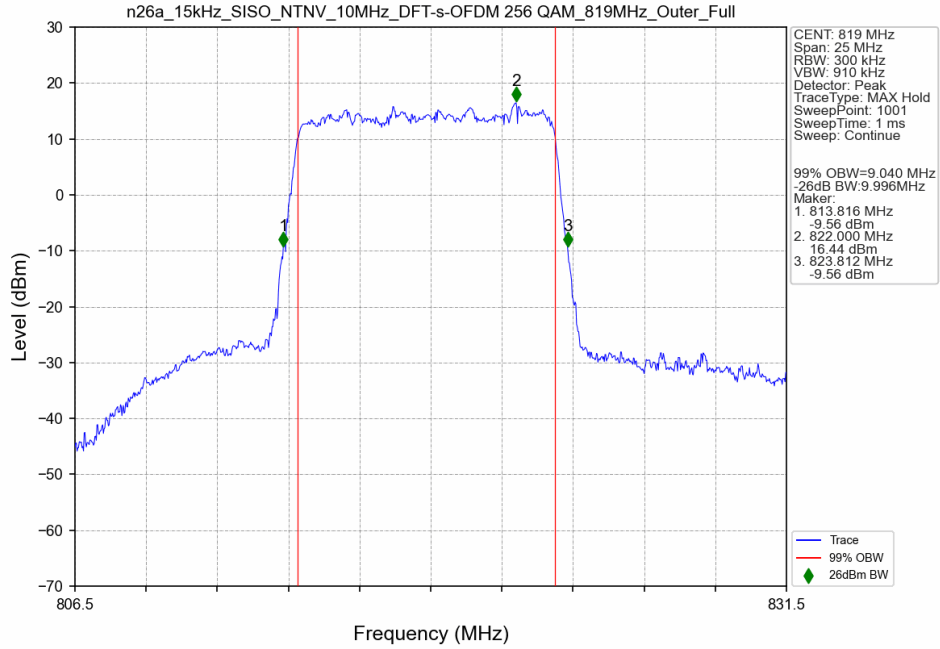
n26a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 64 QAM_819MHz_Outer_Full_Ant0



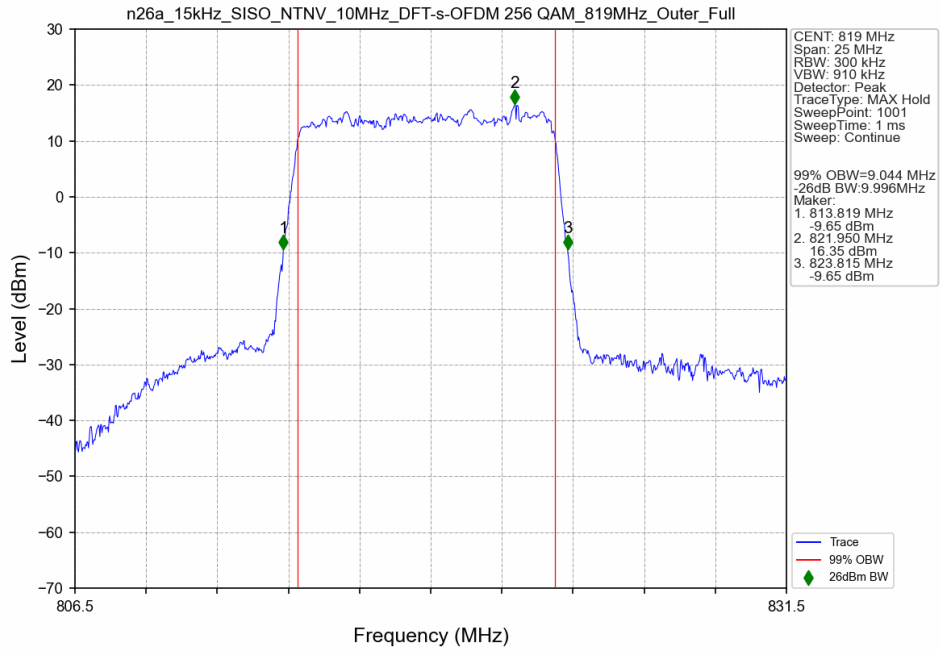
n26a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 64 QAM_819MHz_Outer_Full_Ant0



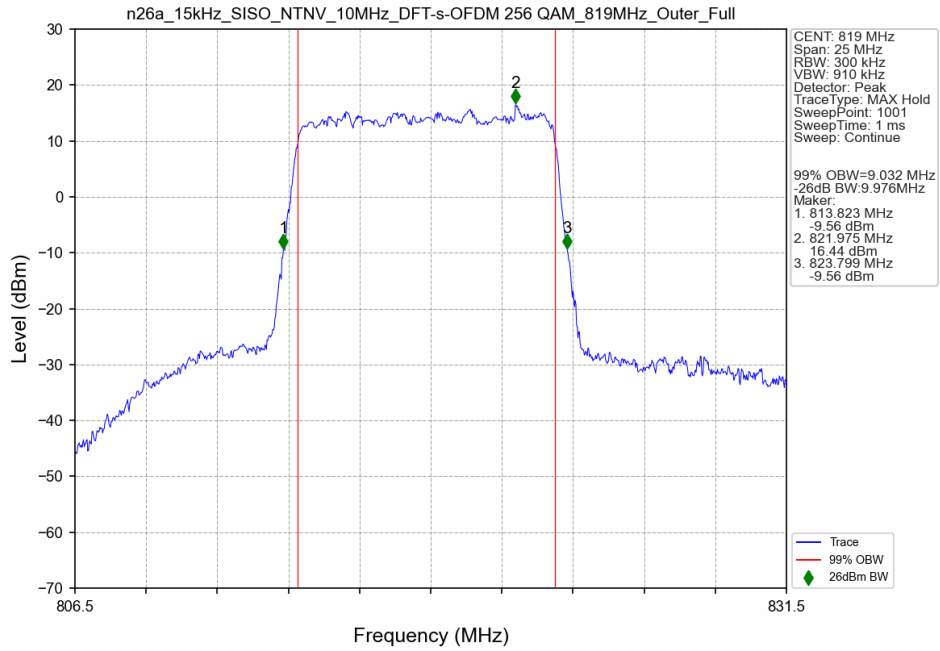
n26a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 256 QAM_819MHz_Outer_Full_Ant0



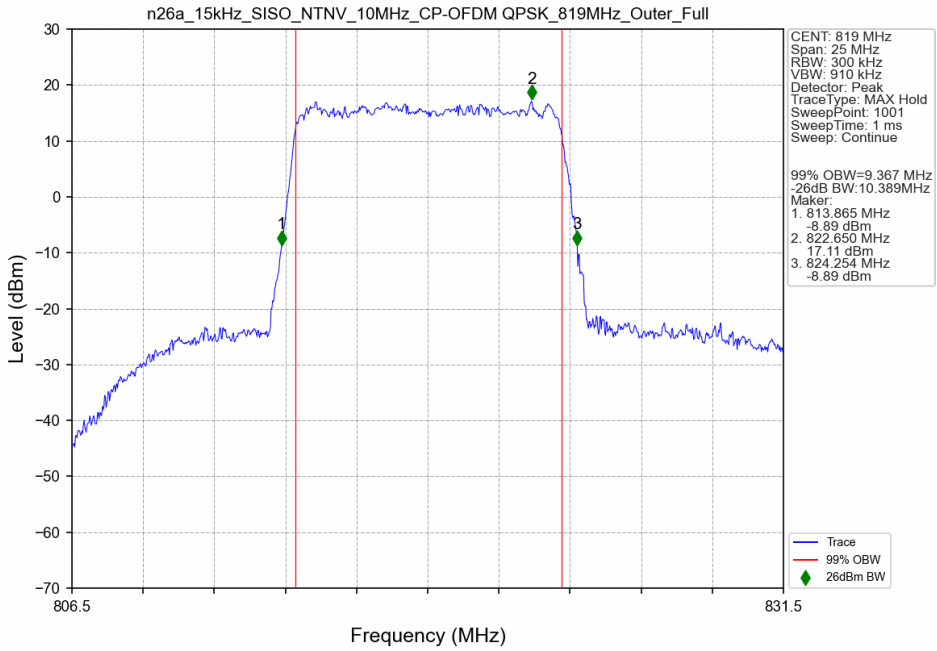
n26a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 256 QAM_819MHz_Outer_Full_Ant0



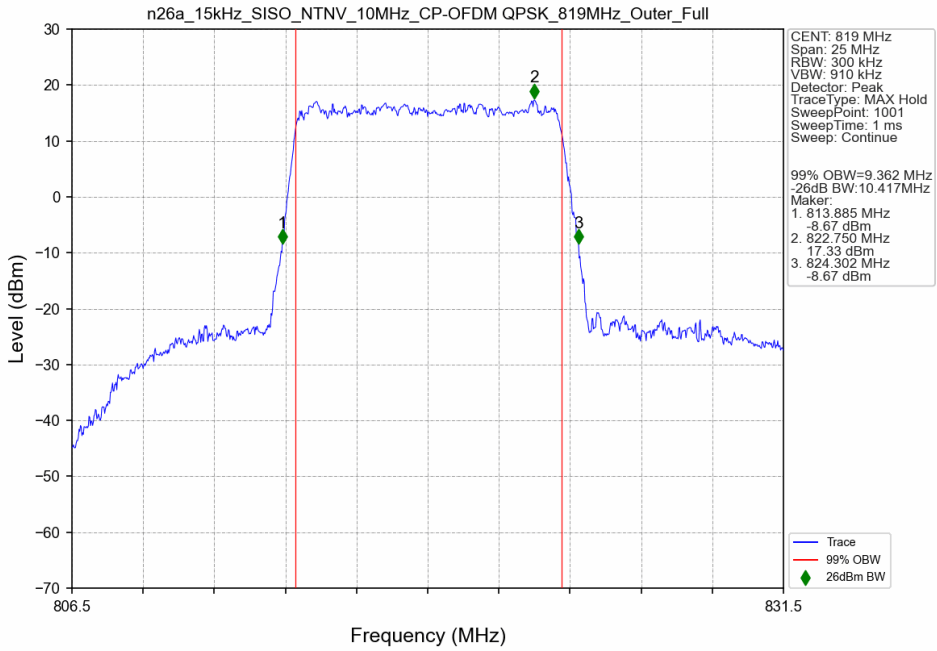
n26a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 256 QAM_819MHz_Outer_Full_Ant0



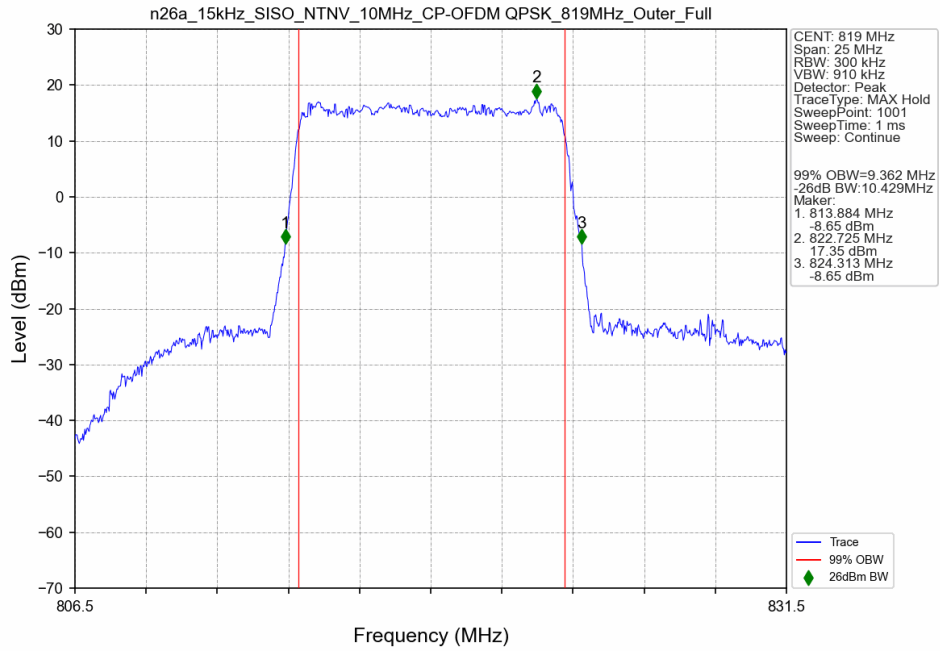
n26a_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_819MHz_Outer_Full_Ant0



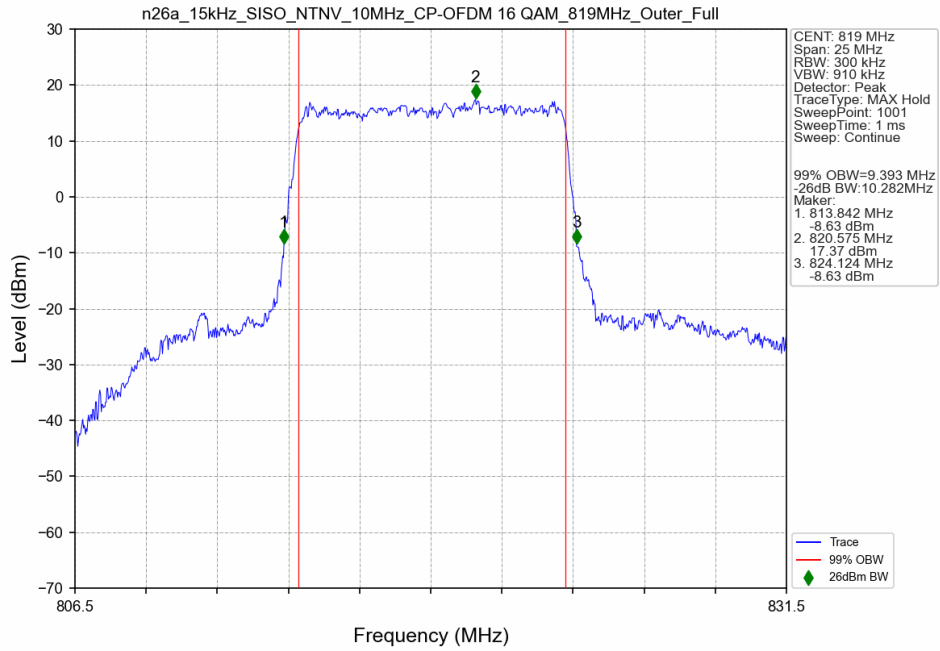
n26a_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_819MHz_Outer_Full_Ant0



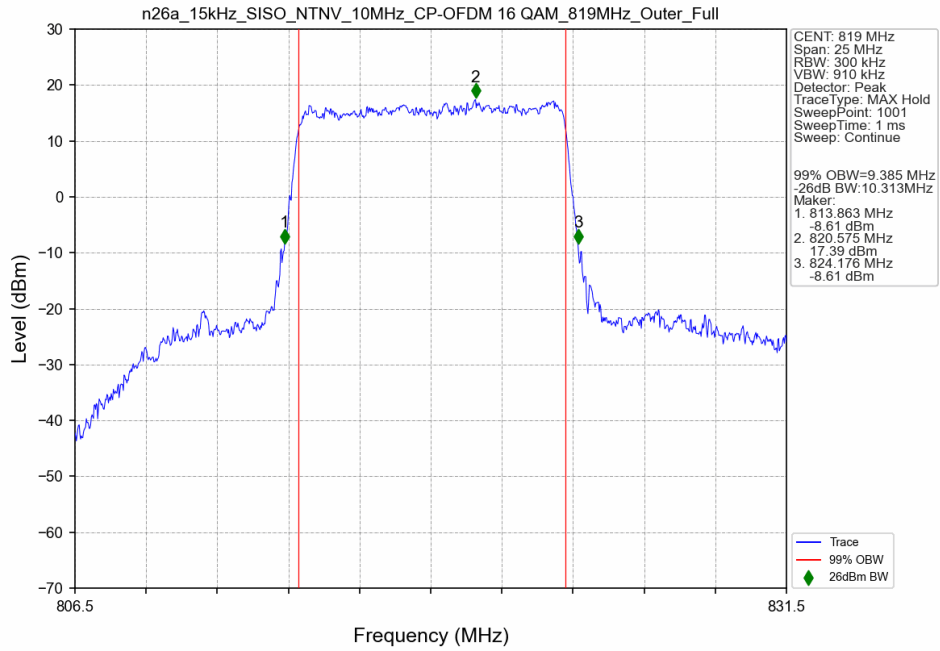
n26a_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_819MHz_Outer_Full_Ant0



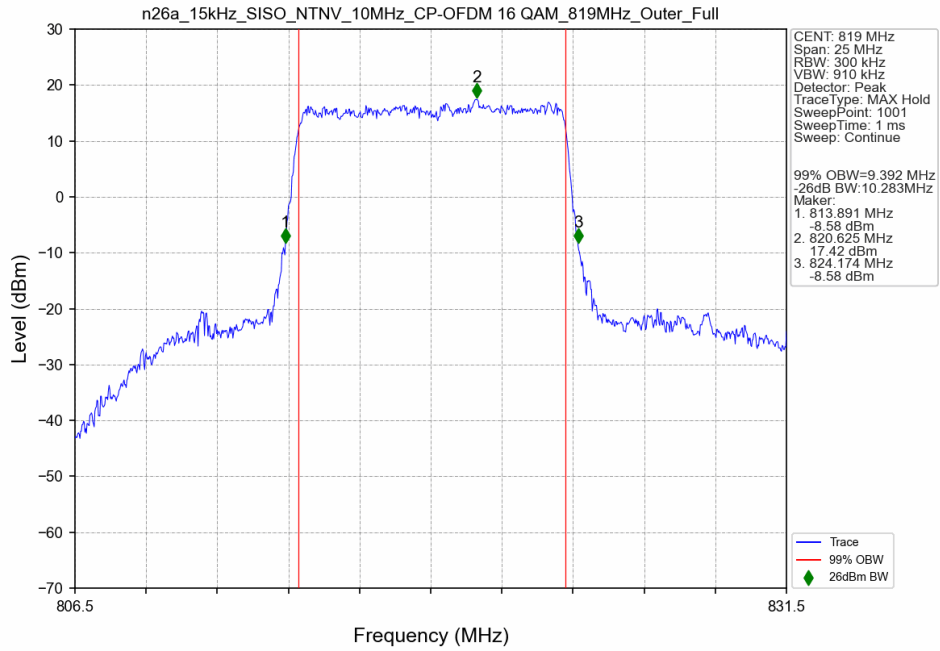
n26a_15kHz_SISO_NTNV_10MHz_CP-OFDM 16 QAM_819MHz_Outer_Full_Ant0



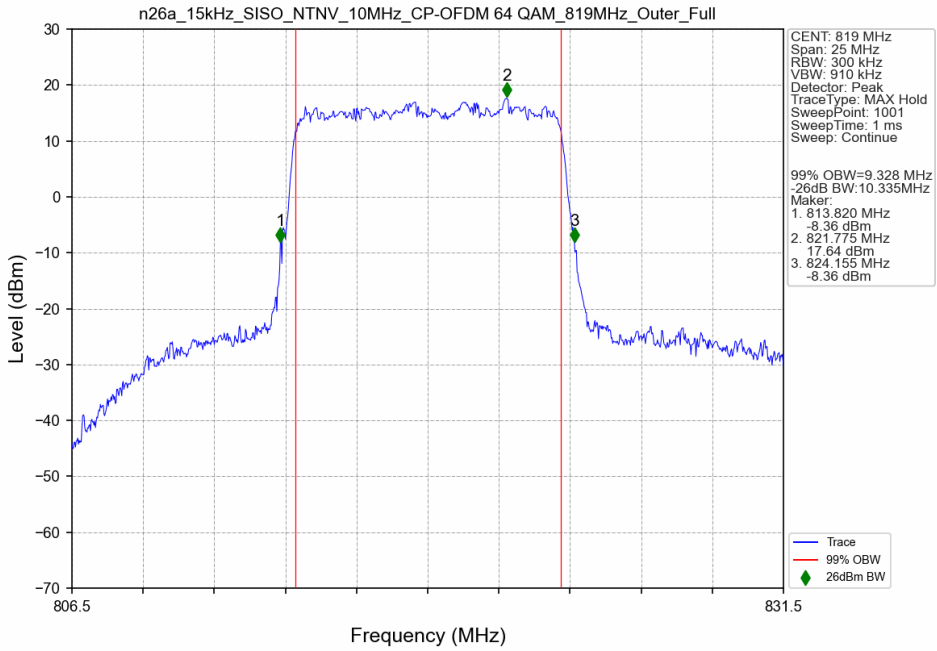
n26a_15kHz_SISO_NTNV_10MHz_CP-OFDM 16 QAM_819MHz_Outer_Full_Ant0



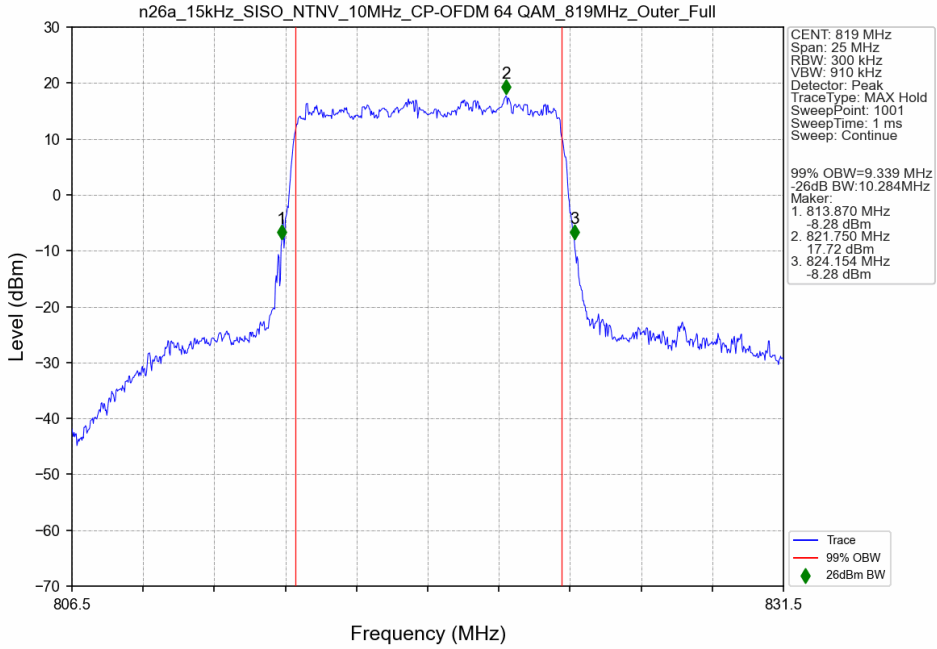
n26a_15kHz_SISO_NTNV_10MHz_CP-OFDM 16 QAM_819MHz_Outer_Full_Ant0



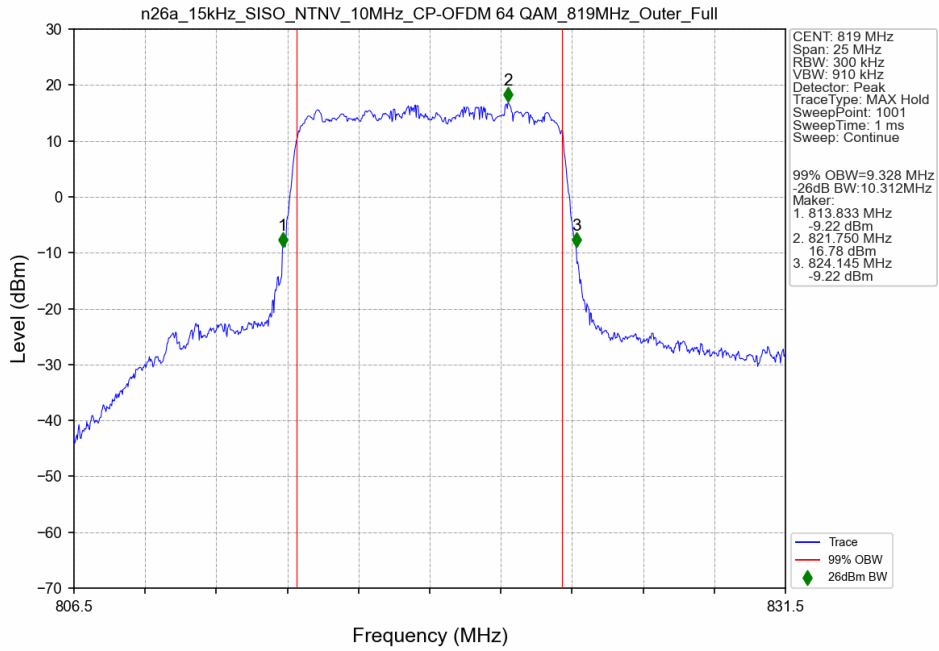
n26a_15kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM_819MHz_Outer_Full_Ant0



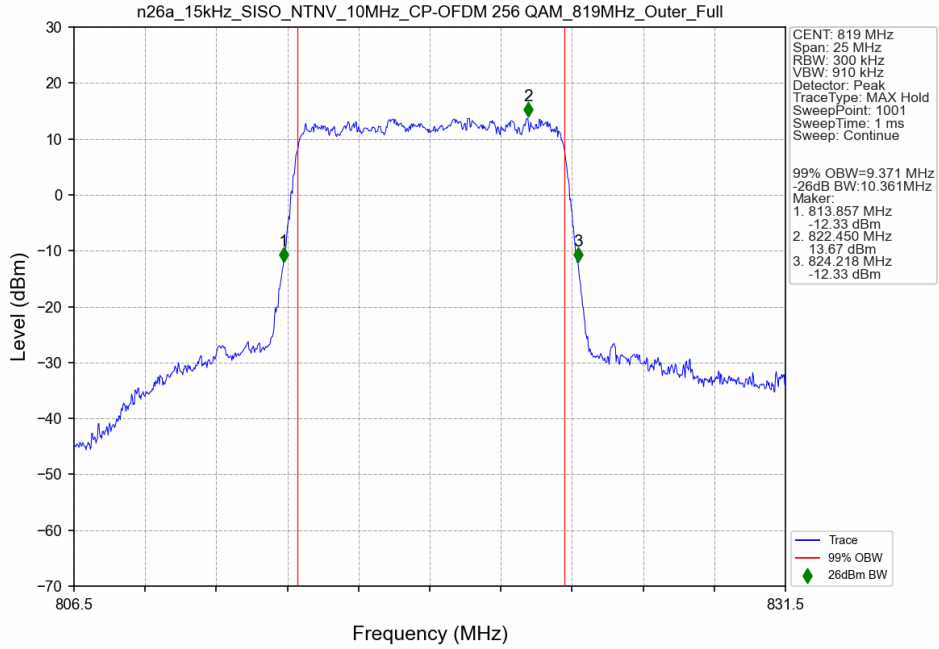
n26a_15kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM_819MHz_Outer_Full_Ant0



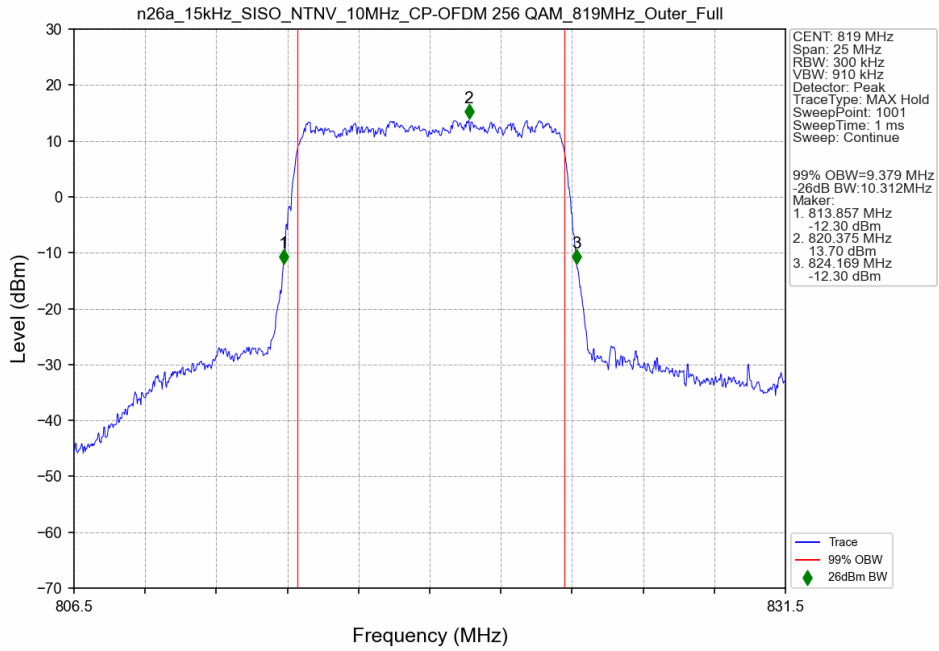
n26a_15kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM_819MHz_Outer_Full_Ant0



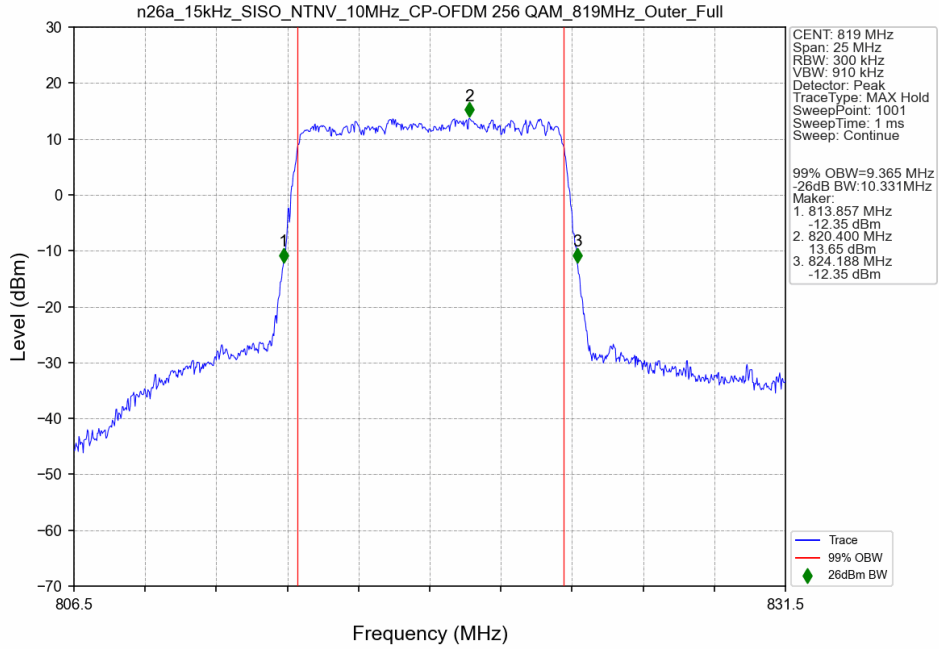
n26a_15kHz_SISO_NTNV_10MHz_CP-OFDM 256 QAM_819MHz_Outer_Full_Ant0



n26a_15kHz_SISO_NTNV_10MHz_CP-OFDM 256 QAM_819MHz_Outer_Full_Ant0



n26a_15kHz_SISO_NTNV_10MHz_CP-OFDM 256 QAM_819MHz_Outer_Full_Ant0



4. Peak-Average Ratio

4.1 Test Result

4.1.1 15k_SISO_5MHz_NTNV

5G NR n26a SCS=15kHz SISO 5MHz NTNV							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant0	/	/	Limit	
DFT-s-OFDM QPSK	816.5	Outer_Full	4.80	/	/	<=13	Pass
	819	Outer_Full	4.75	/	/	<=13	Pass
	821.5	Outer_Full	4.78	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	816.5	Outer_Full	5.68	/	/	<=13	Pass
	819	Outer_Full	5.60	/	/	<=13	Pass
	821.5	Outer_Full	5.60	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	816.5	Outer_Full	5.92	/	/	<=13	Pass
	819	Outer_Full	5.86	/	/	<=13	Pass
	821.5	Outer_Full	5.84	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	816.5	Outer_Full	6.85	/	/	<=13	Pass
	819	Outer_Full	6.84	/	/	<=13	Pass
	821.5	Outer_Full	6.81	/	/	<=13	Pass
CP-OFDM QPSK	816.5	Outer_Full	6.72	/	/	<=13	Pass
	819	Outer_Full	6.80	/	/	<=13	Pass
	821.5	Outer_Full	6.83	/	/	<=13	Pass
CP-OFDM 16 QAM	816.5	Outer_Full	6.89	/	/	<=13	Pass
	819	Outer_Full	6.96	/	/	<=13	Pass
	821.5	Outer_Full	6.95	/	/	<=13	Pass
CP-OFDM 64 QAM	816.5	Outer_Full	7.10	/	/	<=13	Pass
	819	Outer_Full	6.91	/	/	<=13	Pass
	821.5	Outer_Full	6.98	/	/	<=13	Pass
CP-OFDM 256 QAM	816.5	Outer_Full	8.55	/	/	<=13	Pass
	819	Outer_Full	8.53	/	/	<=13	Pass
	821.5	Outer_Full	8.50	/	/	<=13	Pass

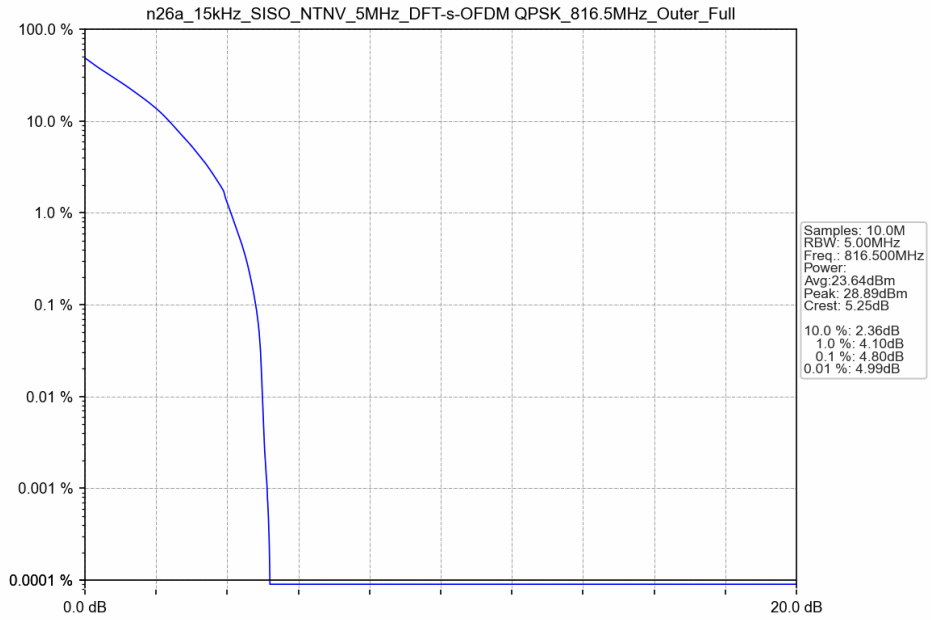
4.1.2 15k_SISO_10MHz_NTNV

5G NR n26a SCS=15kHz SISO 10MHz NTNV							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant0	/	/	Limit	
DFT-s-OFDM QPSK	819	Outer_Full	4.79	/	/	<=13	Pass
	819	Outer_Full	4.74	/	/	<=13	Pass
	819	Outer_Full	4.79	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	819	Outer_Full	5.57	/	/	<=13	Pass
	819	Outer_Full	5.58	/	/	<=13	Pass
	819	Outer_Full	5.58	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	819	Outer_Full	5.90	/	/	<=13	Pass
	819	Outer_Full	5.91	/	/	<=13	Pass
	819	Outer_Full	5.93	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	819	Outer_Full	6.79	/	/	<=13	Pass
	819	Outer_Full	6.80	/	/	<=13	Pass
	819	Outer_Full	6.80	/	/	<=13	Pass
CP-OFDM QPSK	819	Outer_Full	6.88	/	/	<=13	Pass
	819	Outer_Full	6.85	/	/	<=13	Pass
	819	Outer_Full	6.88	/	/	<=13	Pass
CP-OFDM 16 QAM	819	Outer_Full	6.80	/	/	<=13	Pass
	819	Outer_Full	6.83	/	/	<=13	Pass
	819	Outer_Full	6.83	/	/	<=13	Pass
CP-OFDM 64 QAM	819	Outer_Full	7.01	/	/	<=13	Pass
	819	Outer_Full	7.01	/	/	<=13	Pass
	819	Outer_Full	7.03	/	/	<=13	Pass
CP-OFDM 256 QAM	819	Outer_Full	8.41	/	/	<=13	Pass
	819	Outer_Full	8.40	/	/	<=13	Pass
	819	Outer_Full	8.41	/	/	<=13	Pass

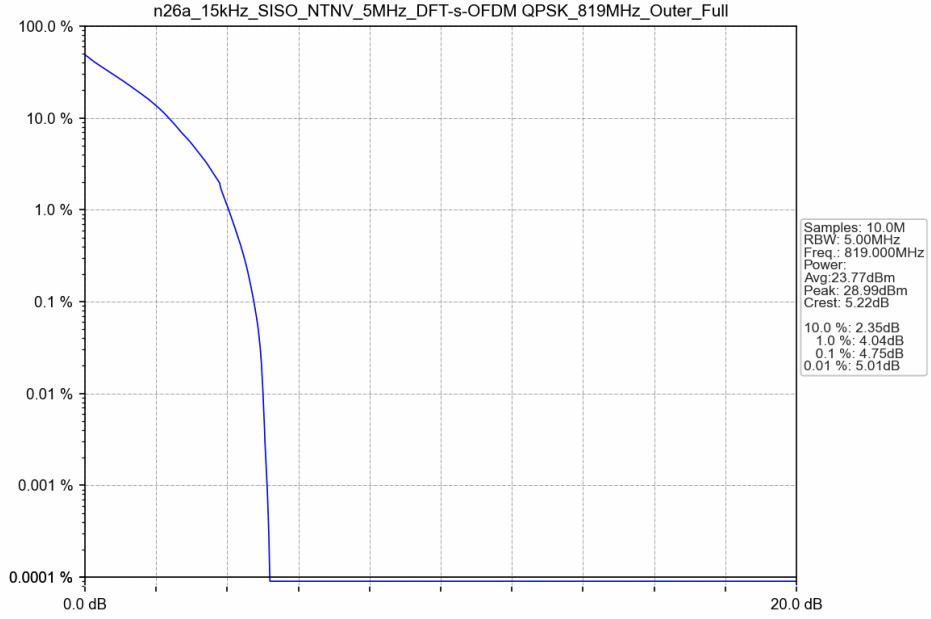
4.2 Test Graph

4.2.1 15k_SISO_5MHz_NTNV

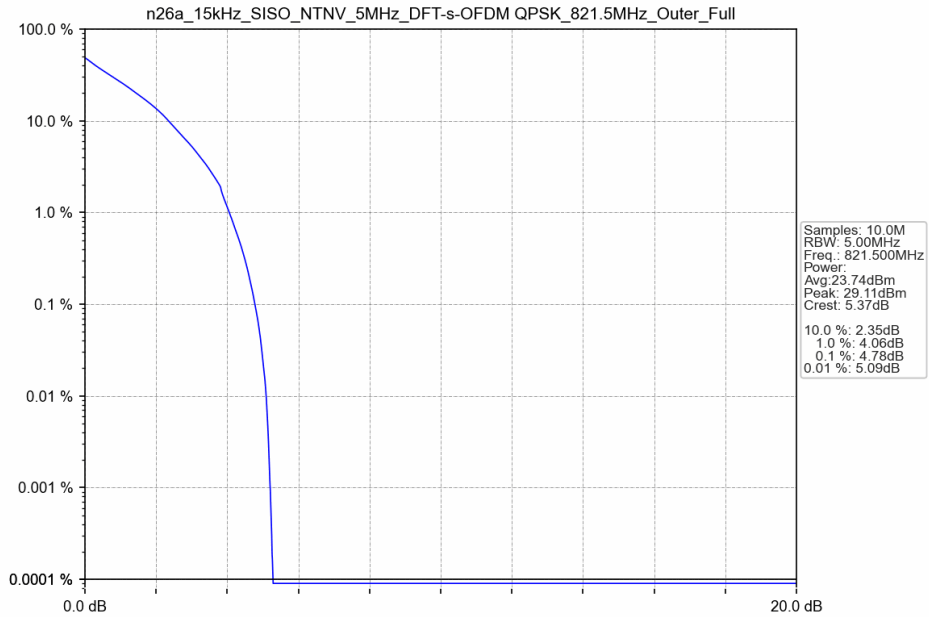
n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_816.5MHz_Outer_Full_Ant0



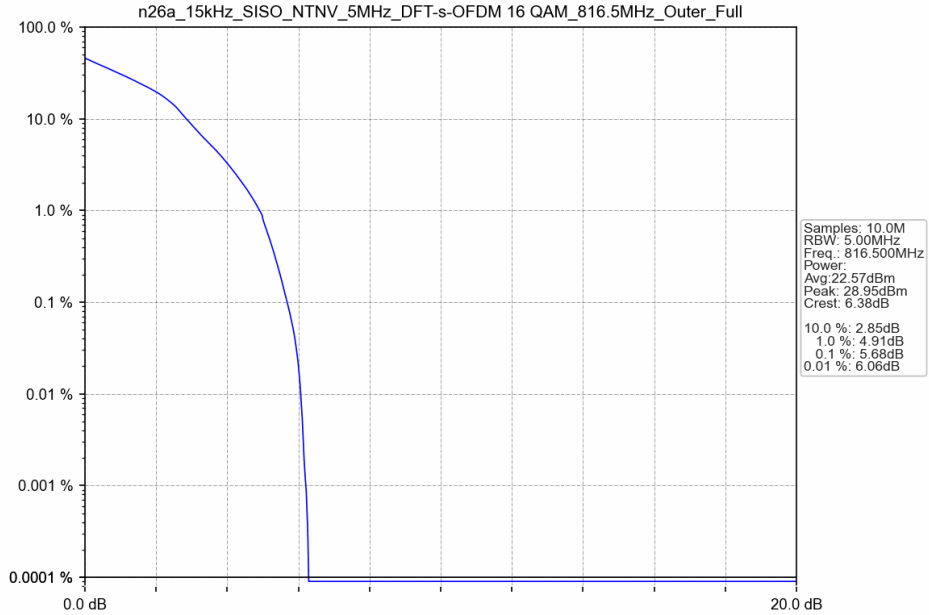
n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_819MHz_Outer_Full_Ant0



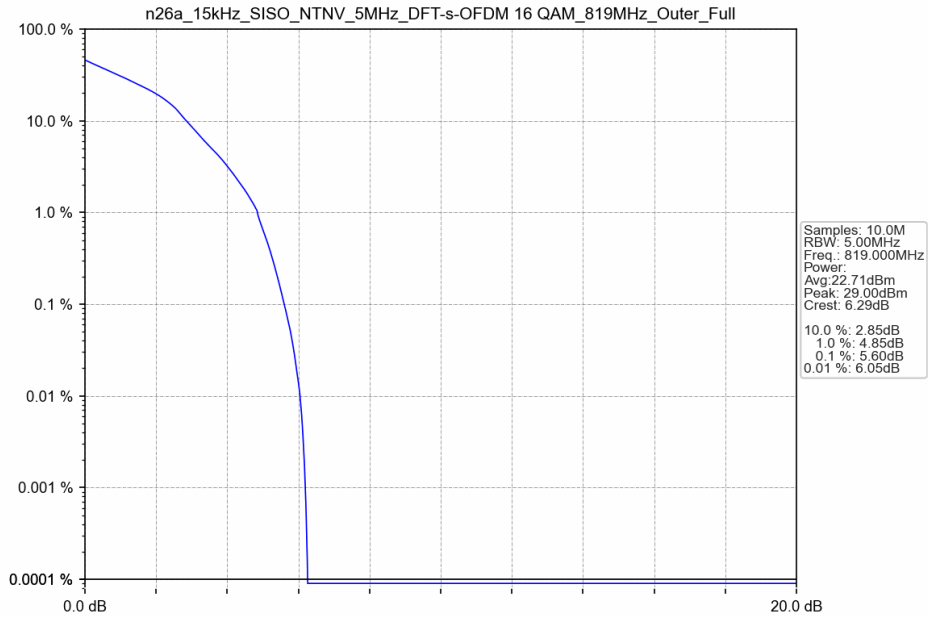
n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_821.5MHz_Outer_Full_Ant0



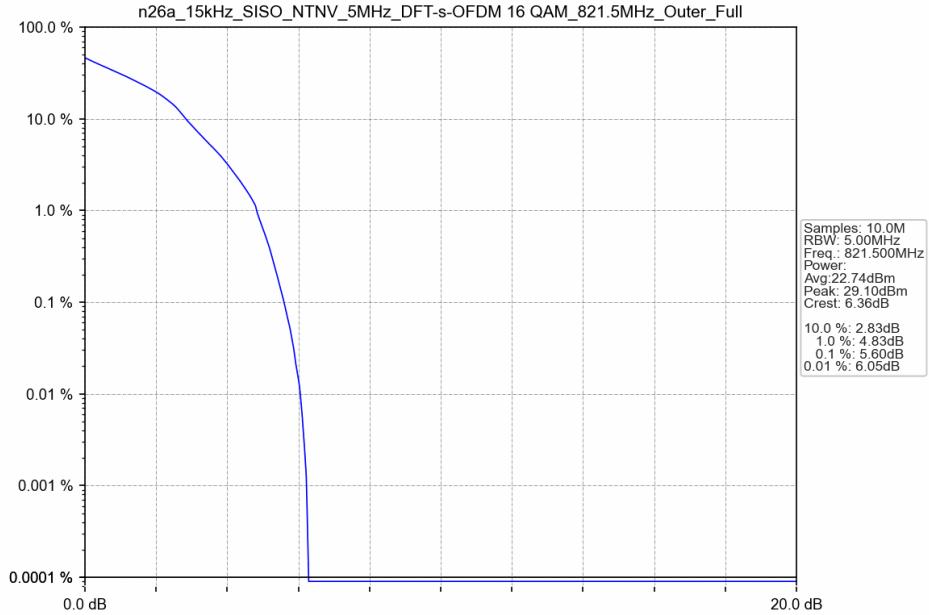
n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 16 QAM_816.5MHz_Outer_Full_Ant0



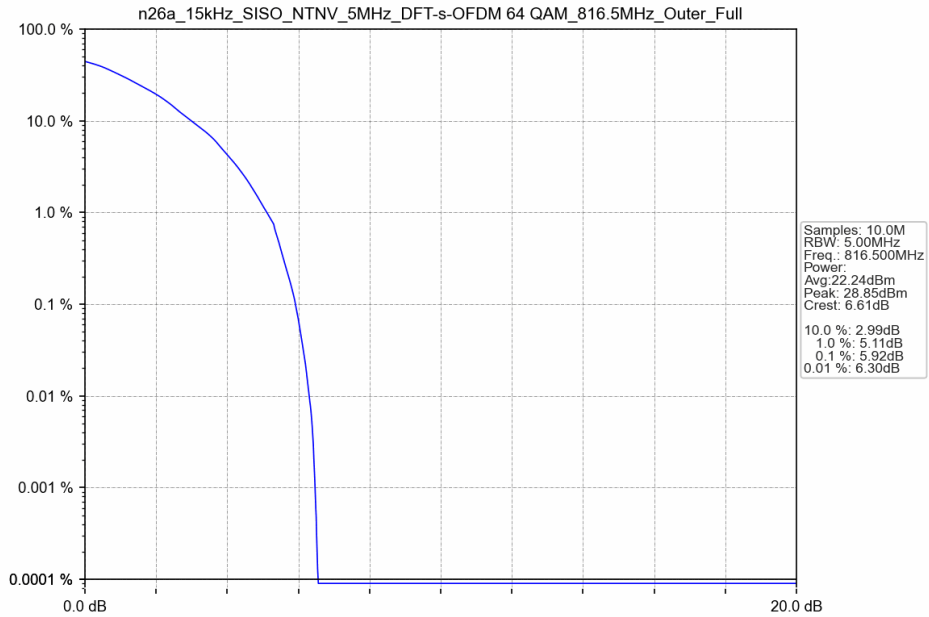
n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 16 QAM_819MHz_Outer_Full_Ant0



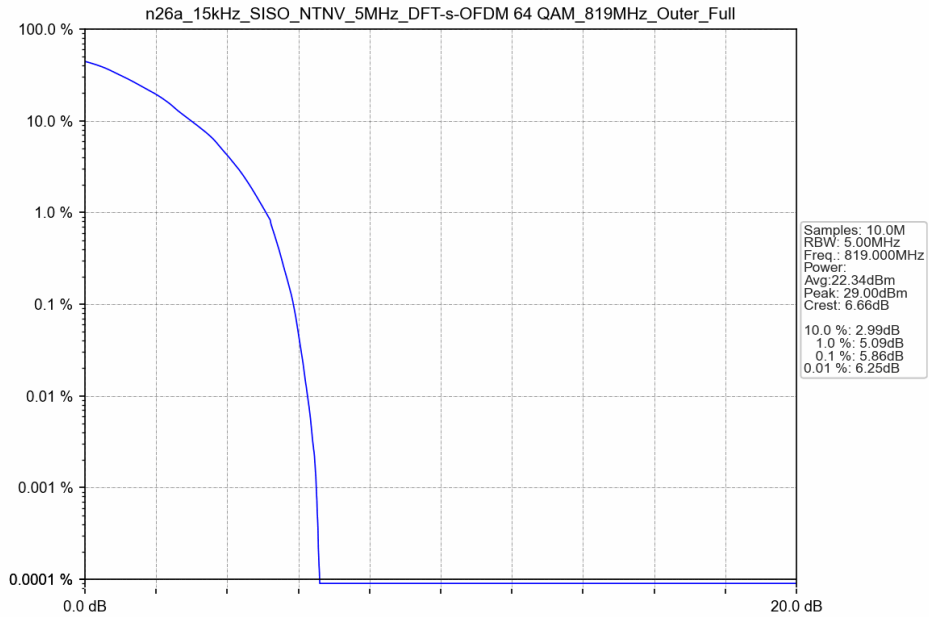
n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 16 QAM_821.5MHz_Outer_Full_Ant0



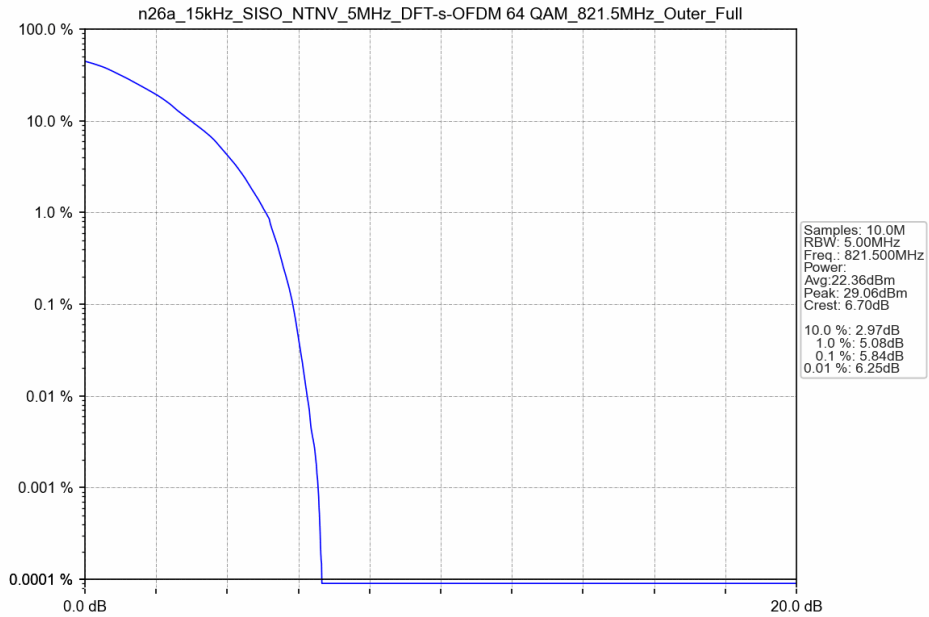
n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 64 QAM_816.5MHz_Outer_Full_Ant0



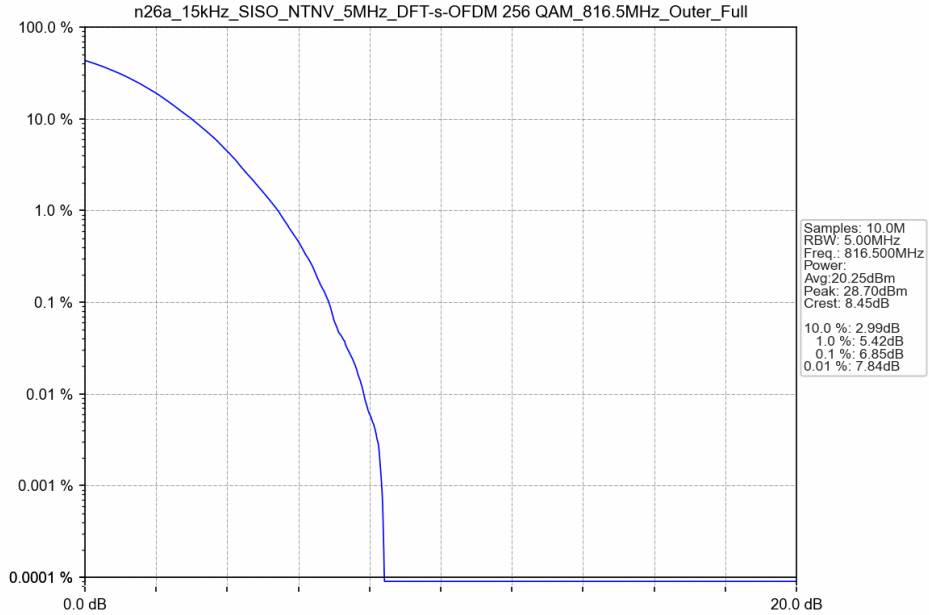
n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 64 QAM_819MHz_Outer_Full_Ant0



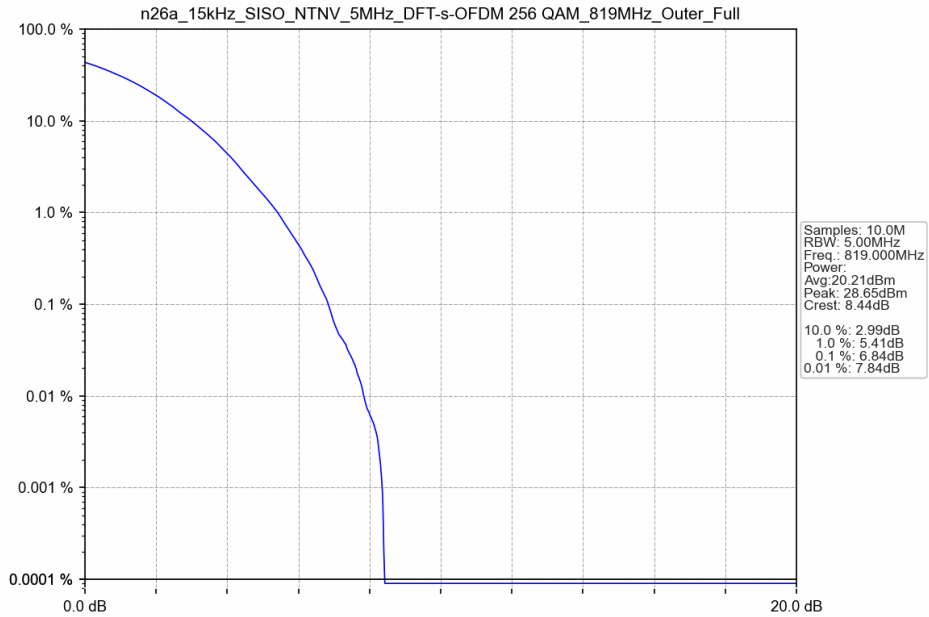
n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 64 QAM_821.5MHz_Outer_Full_Ant0



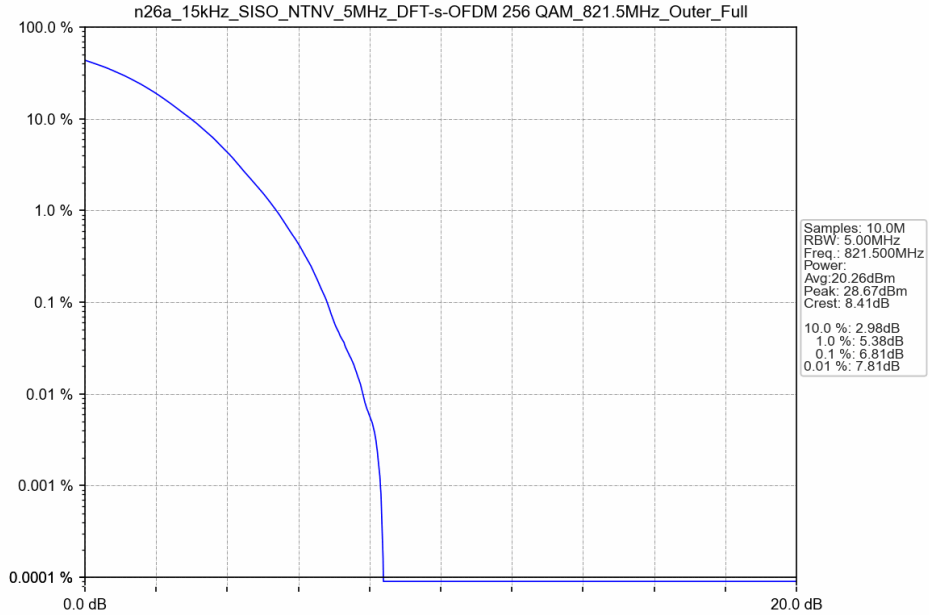
n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 256 QAM_816.5MHz_Outer_Full_Ant0



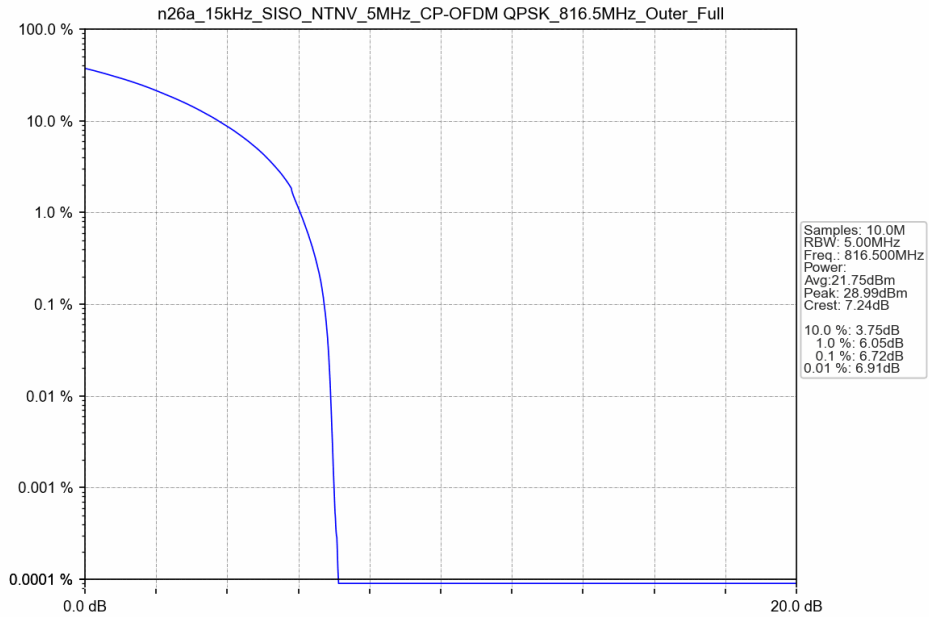
n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 256 QAM_819MHz_Outer_Full_Ant0



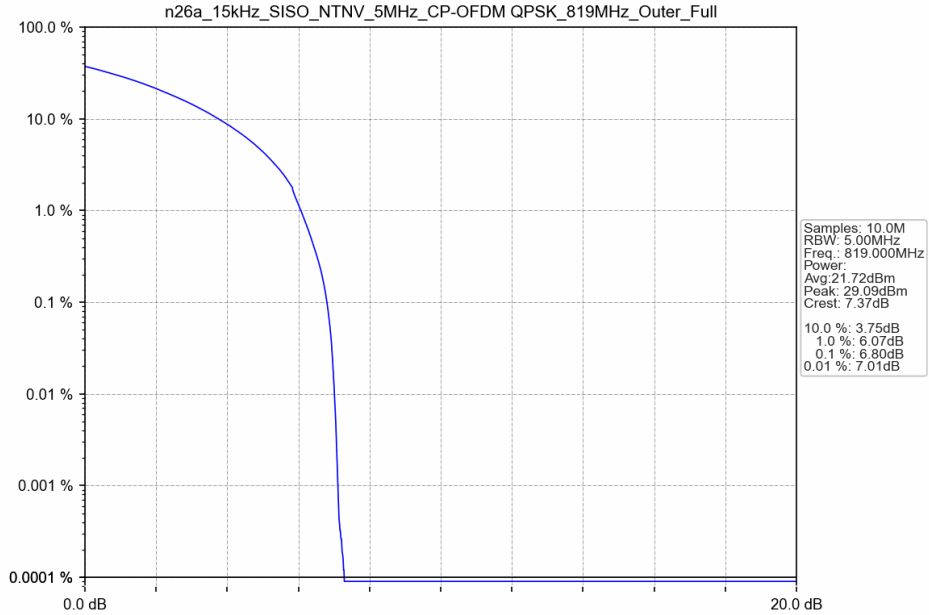
n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 256 QAM_821.5MHz_Outer_Full_Ant0



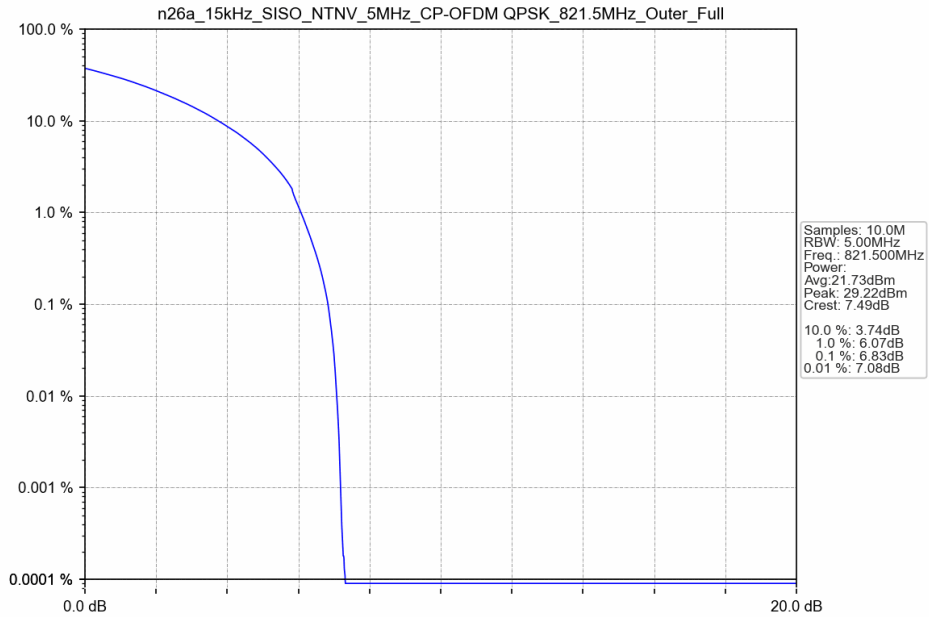
n26a_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_816.5MHz_Outer_Full_Ant0



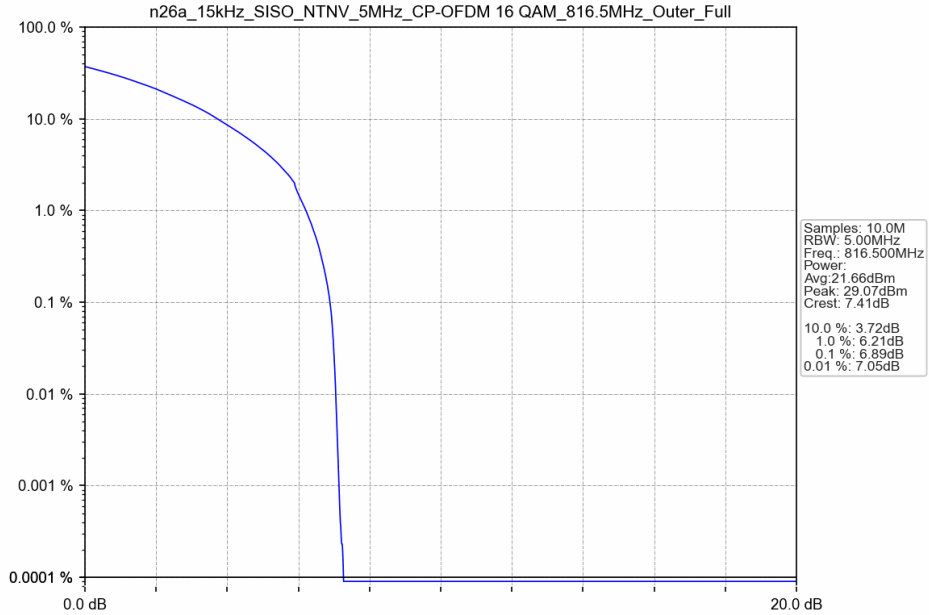
n26a_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_819MHz_Outer_Full_Ant0



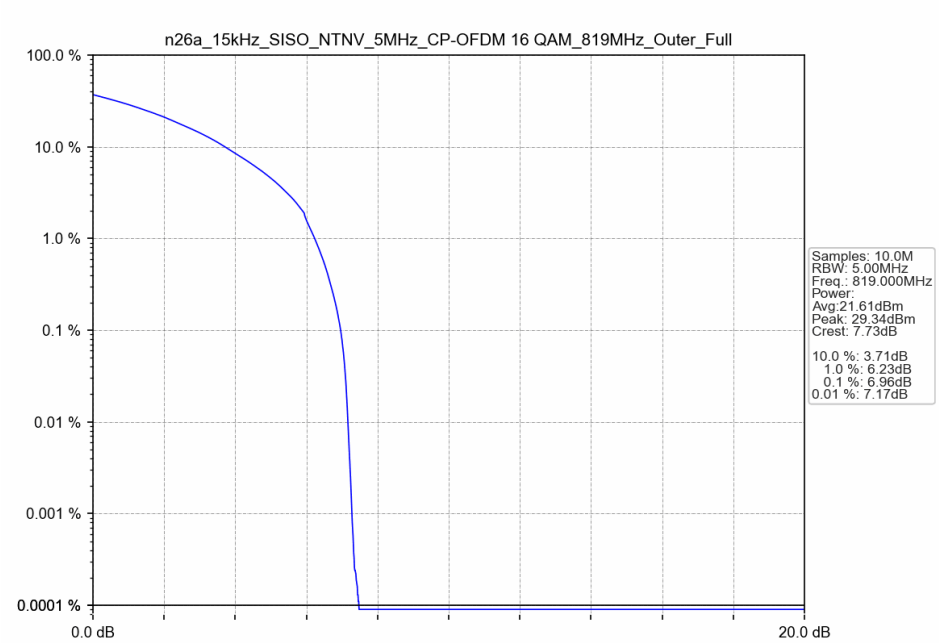
n26a_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_821.5MHz_Outer_Full_Ant0



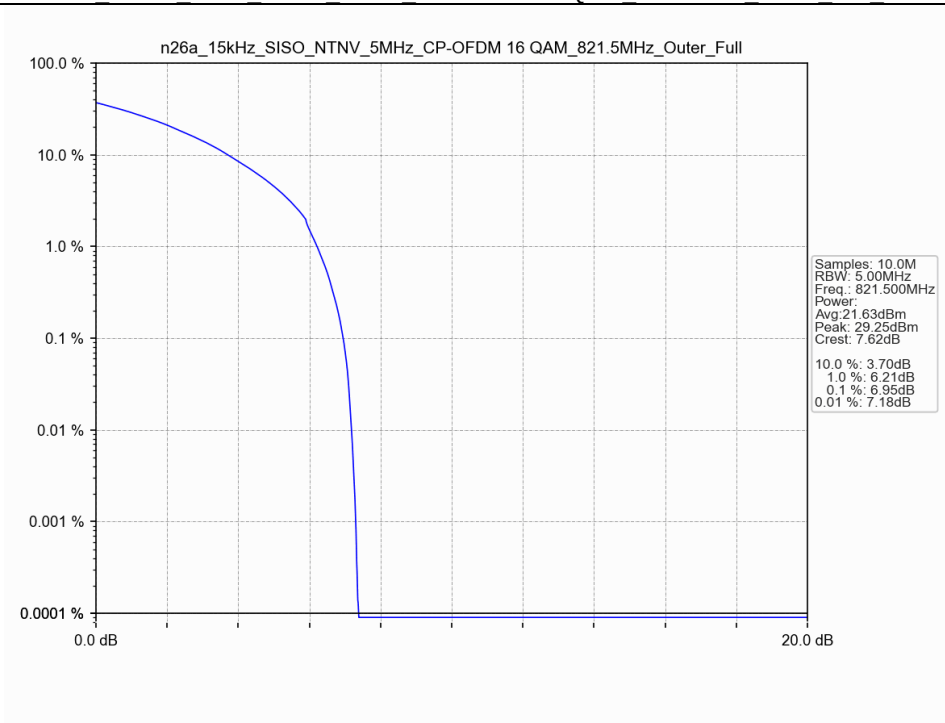
n26a_15kHz_SISO_NTNV_5MHz_CP-OFDM 16 QAM_816.5MHz_Outer_Full_Ant0



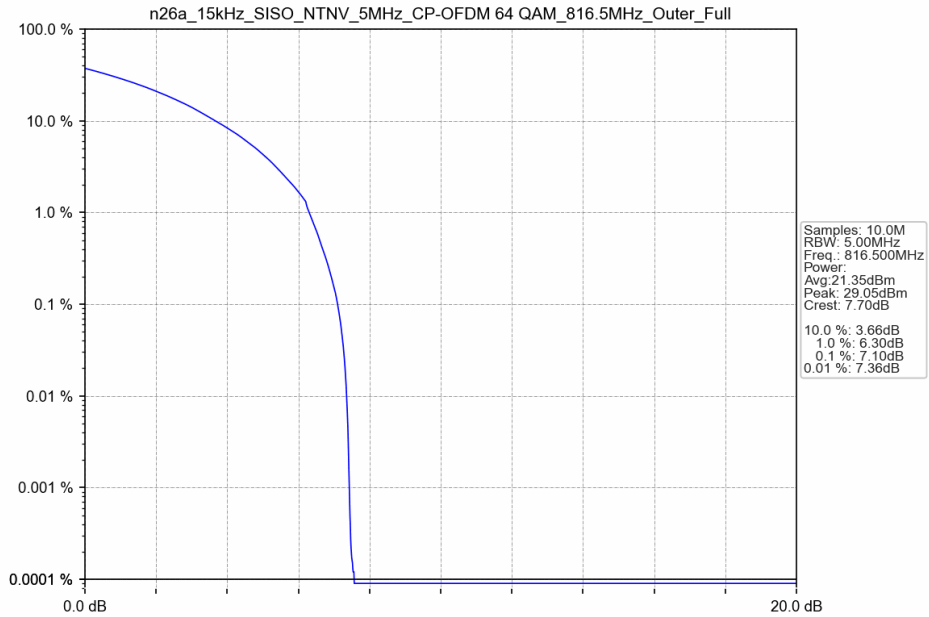
n26a_15kHz_SISO_NTNV_5MHz_CP-OFDM 16 QAM_819MHz_Outer_Full_Ant0



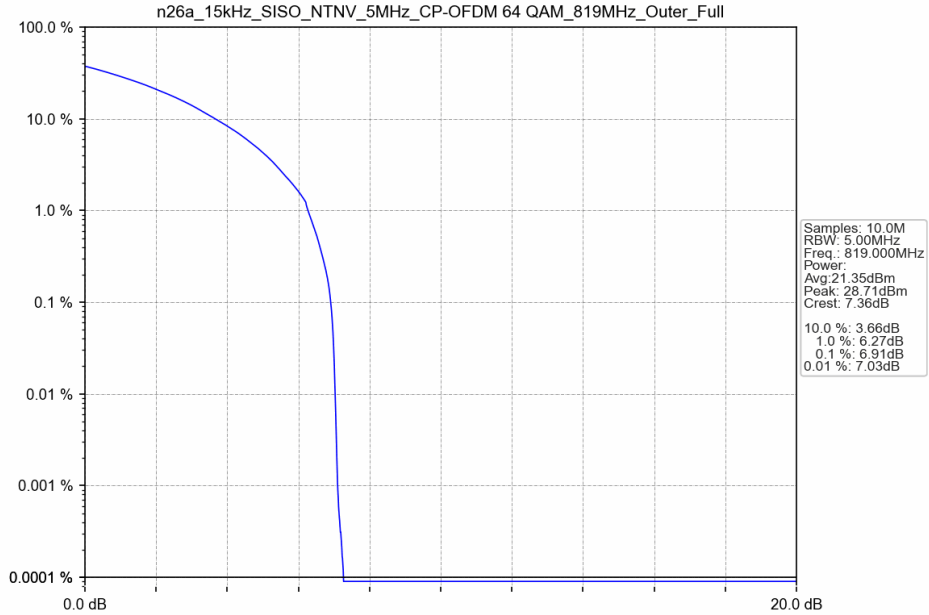
n26a_15kHz_SISO_NTNV_5MHz_CP-OFDM 16 QAM_821.5MHz_Outer_Full_Ant0



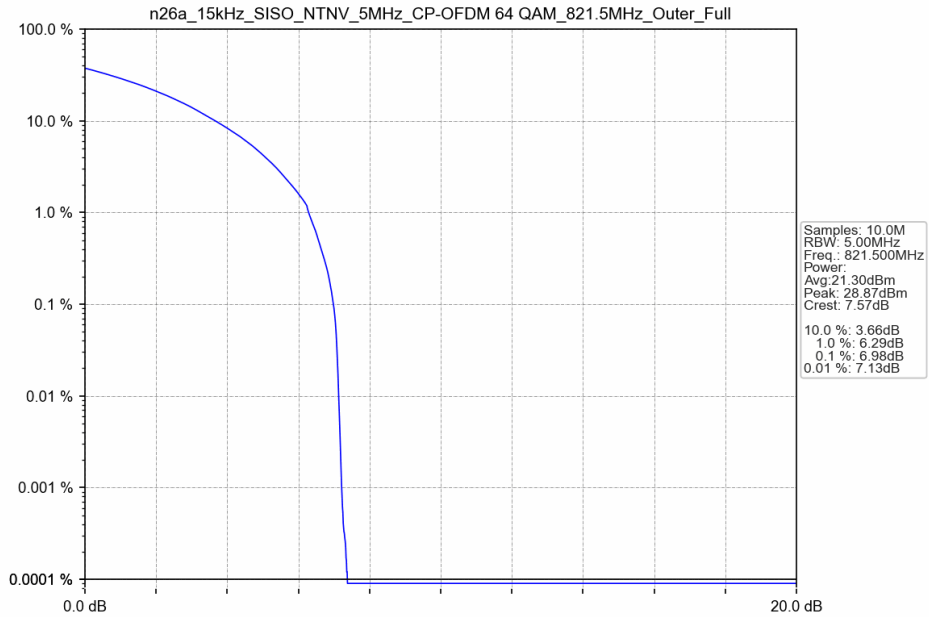
n26a_15kHz_SISO_NTNV_5MHz_CP-OFDM 64 QAM_816.5MHz_Outer_Full_Ant0



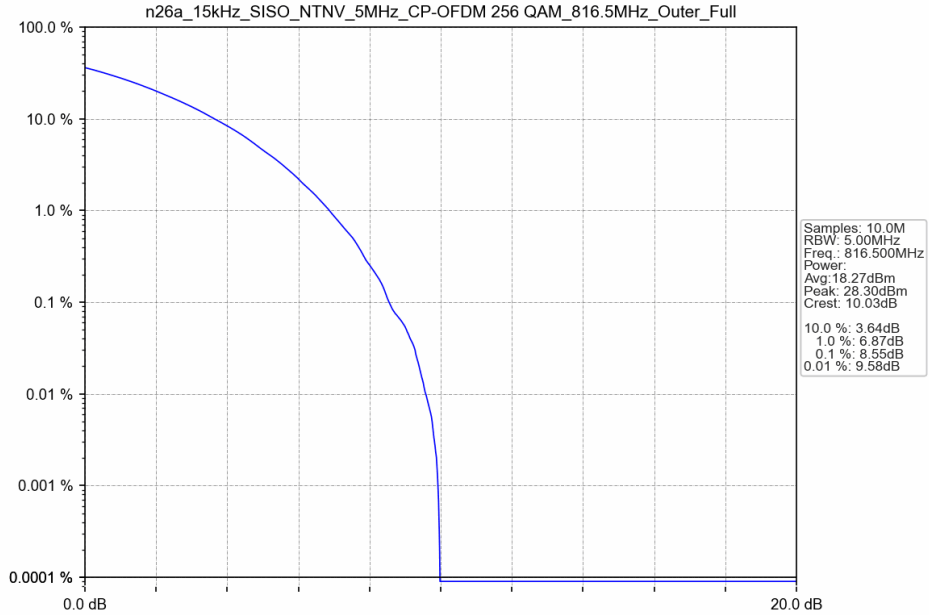
n26a_15kHz_SISO_NTNV_5MHz_CP-OFDM 64 QAM_819MHz_Outer_Full_Ant0



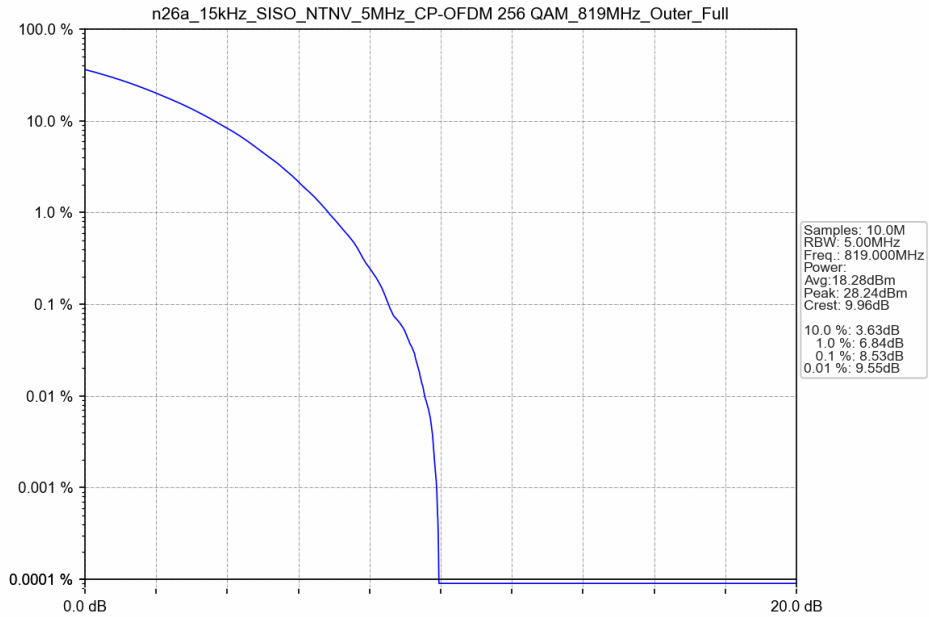
n26a_15kHz_SISO_NTNV_5MHz_CP-OFDM 64 QAM_821.5MHz_Outer_Full_Ant0



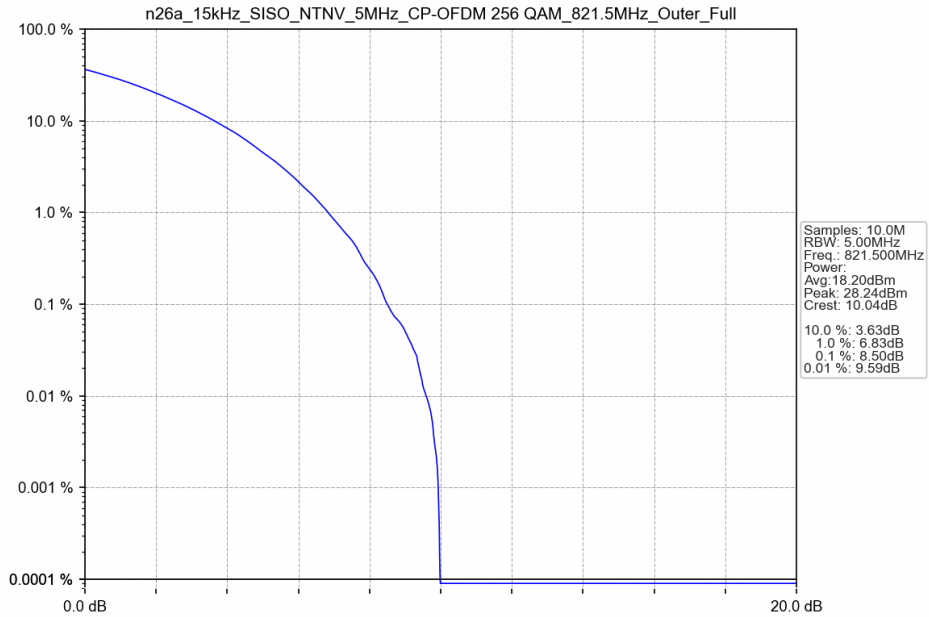
n26a_15kHz_SISO_NTNV_5MHz_CP-OFDM 256 QAM_816.5MHz_Outer_Full_Ant0



n26a_15kHz_SISO_NTNV_5MHz_CP-OFDM 256 QAM_819MHz_Outer_Full_Ant0

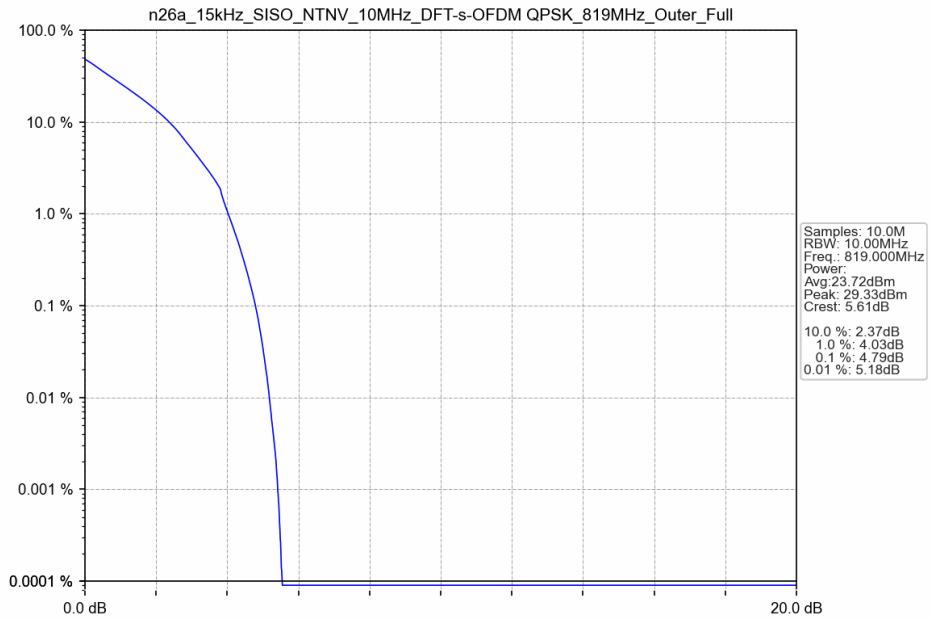


n26a_15kHz_SISO_NTNV_5MHz_CP-OFDM 256 QAM_821.5MHz_Outer_Full_Ant0

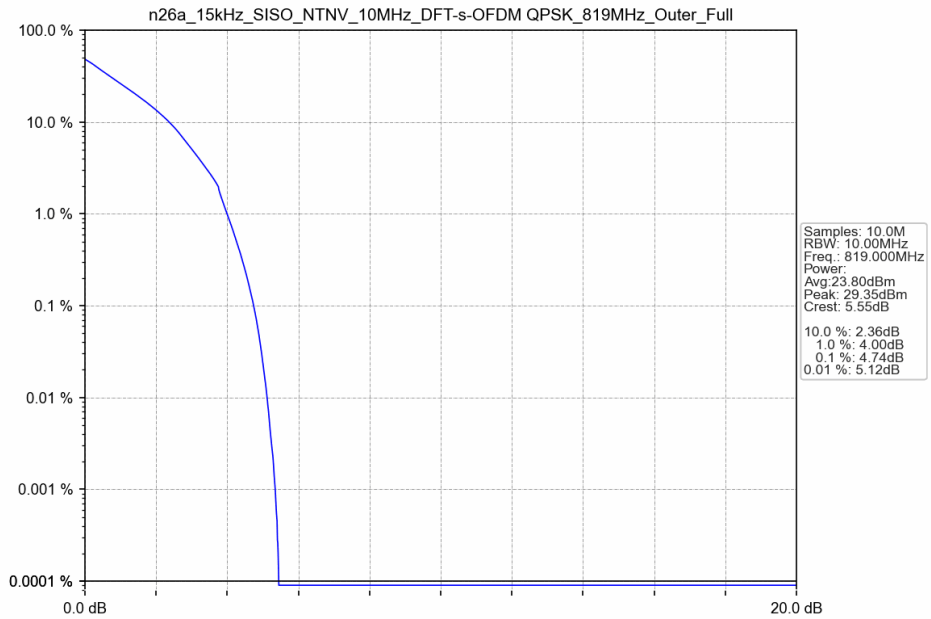


4.2.2 15k_SISO_10MHz_NTNV

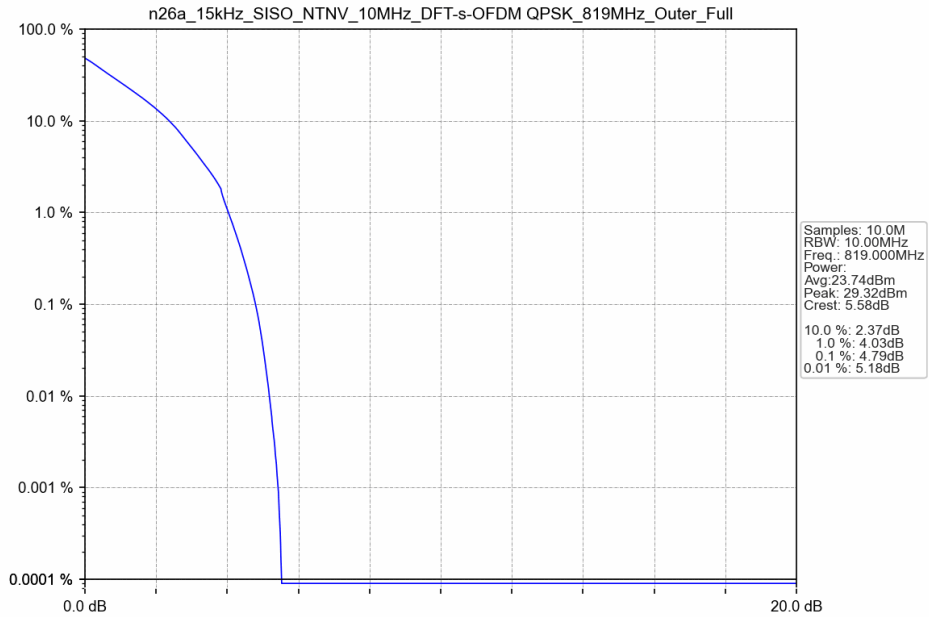
n26a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_819MHz_Outer_Full_Ant0



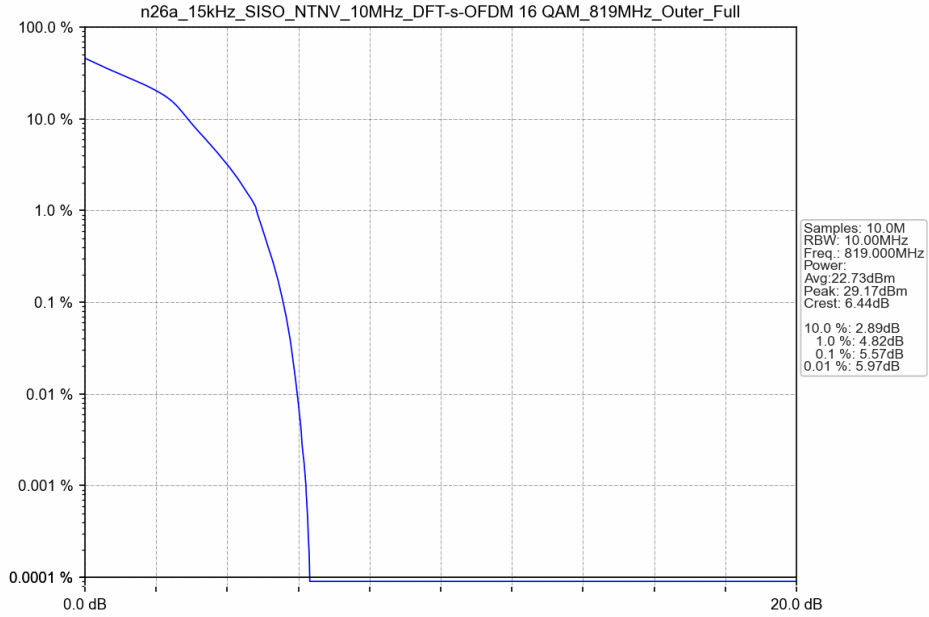
n26a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_819MHz_Outer_Full_Ant0



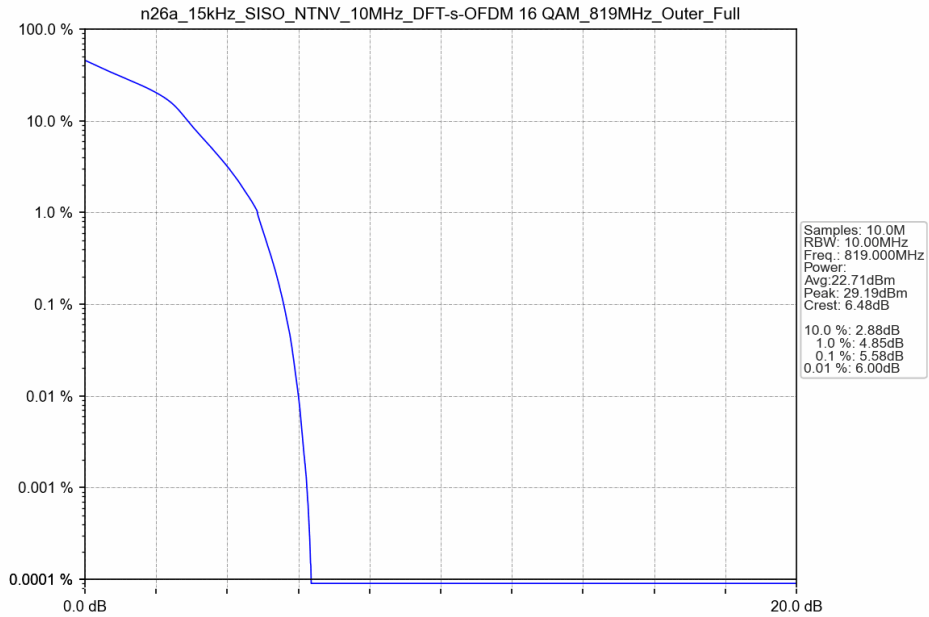
n26a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_819MHz_Outer_Full_Ant0



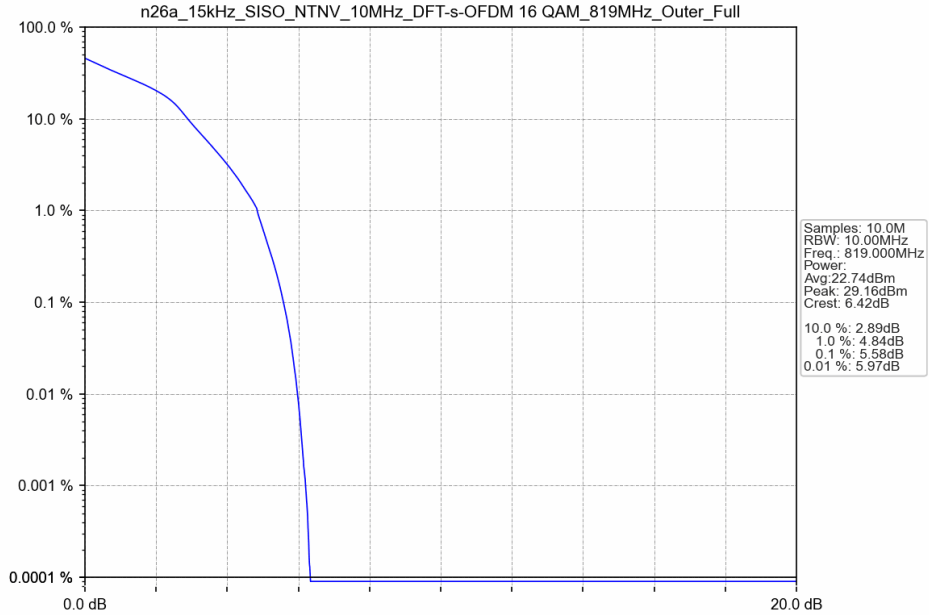
n26a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 16 QAM_819MHz_Outer_Full_Ant0



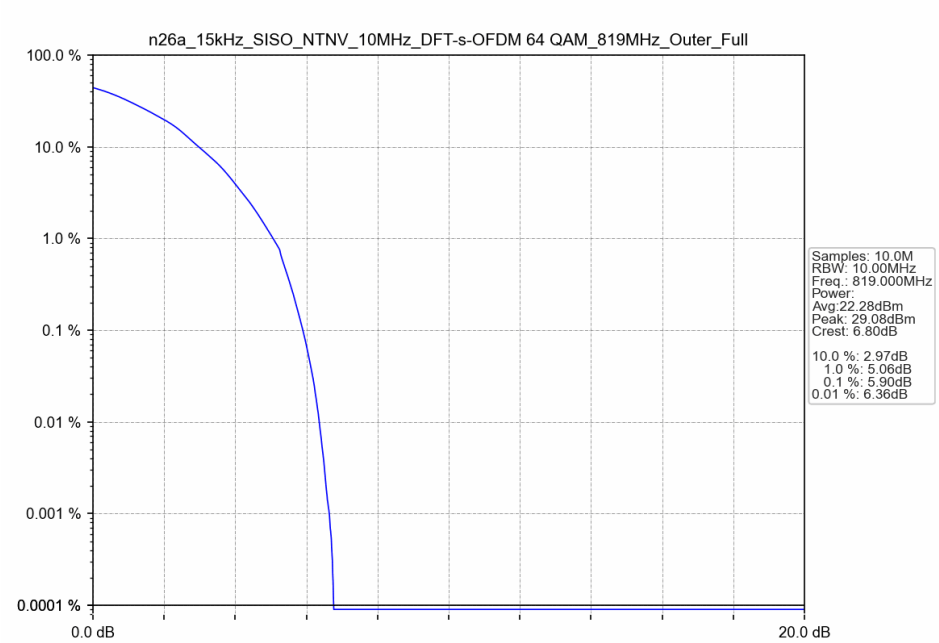
n26a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 16 QAM_819MHz_Outer_Full_Ant0



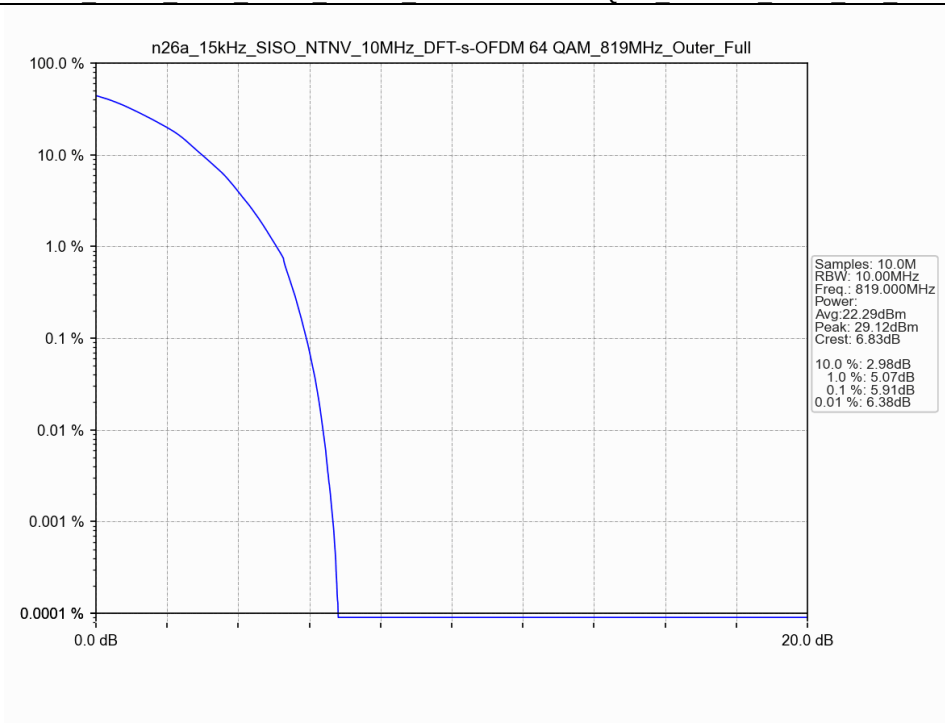
n26a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 16 QAM_819MHz_Outer_Full_Ant0



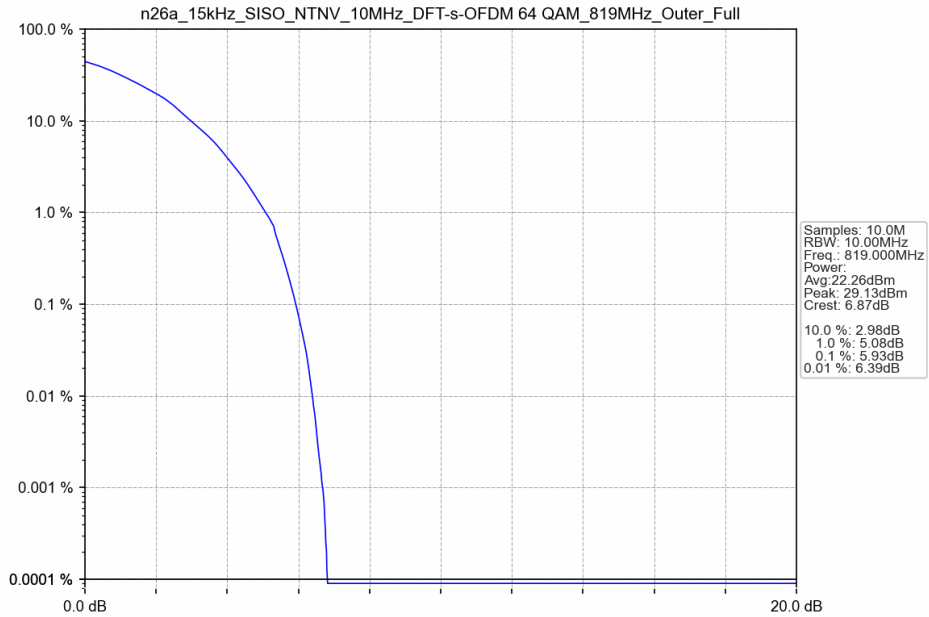
n26a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 64 QAM_819MHz_Outer_Full_Ant0



n26a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 64 QAM_819MHz_Outer_Full_Ant0



n26a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 64 QAM_819MHz_Outer_Full_Ant0



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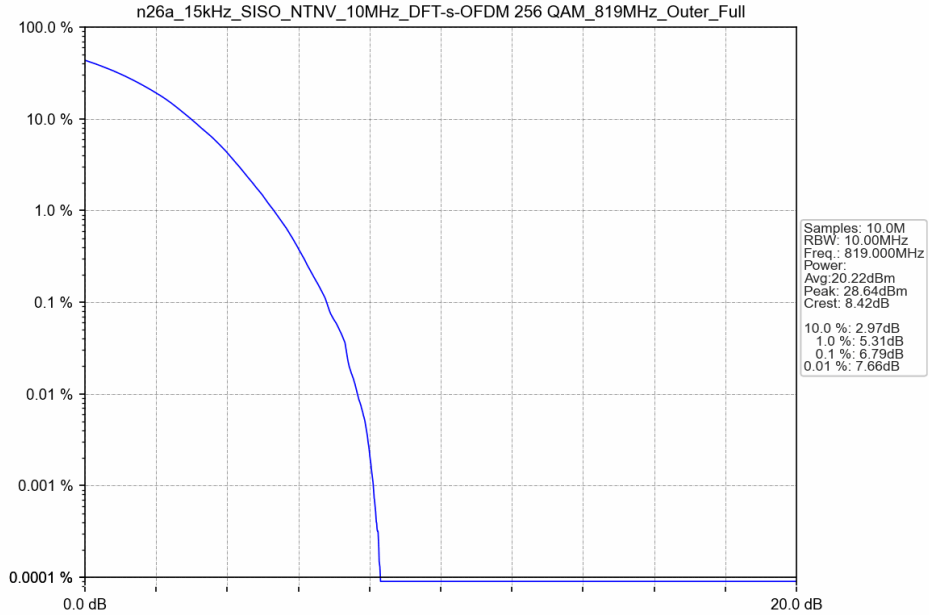

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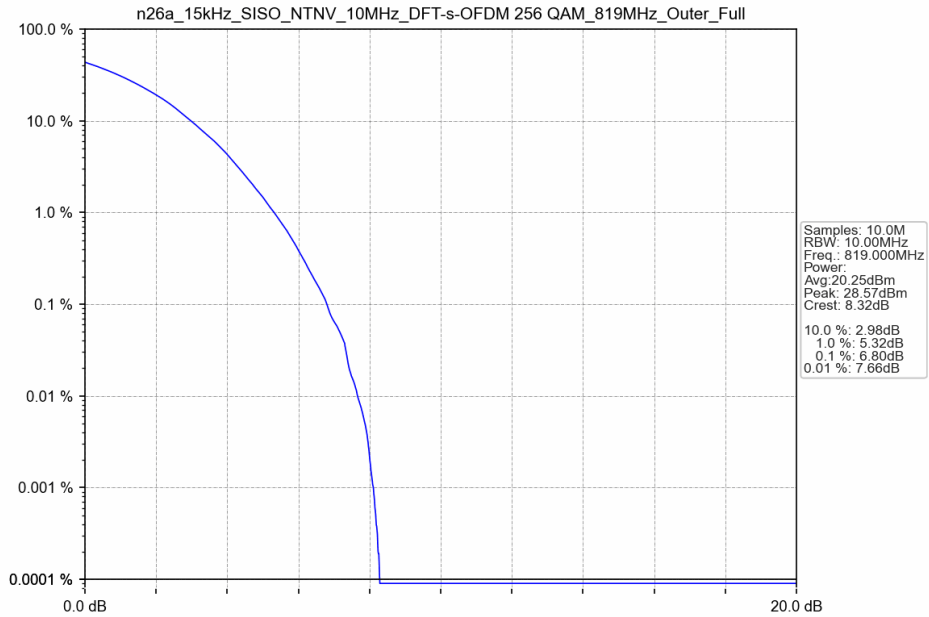

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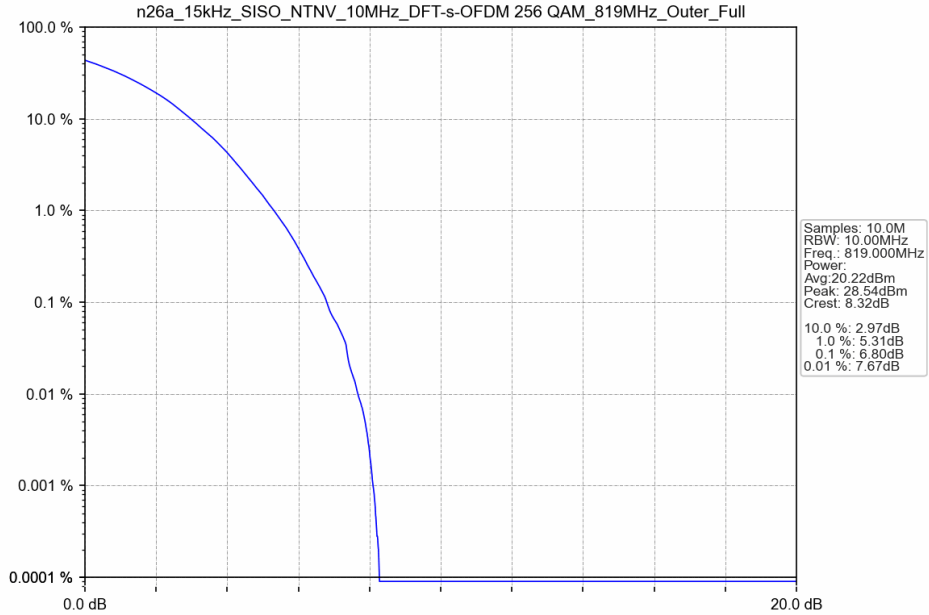

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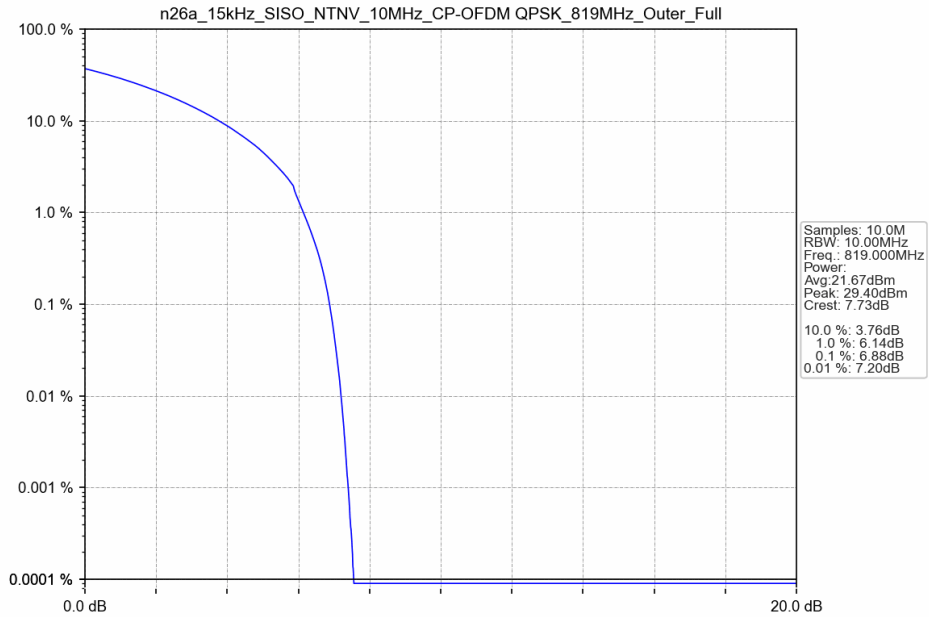
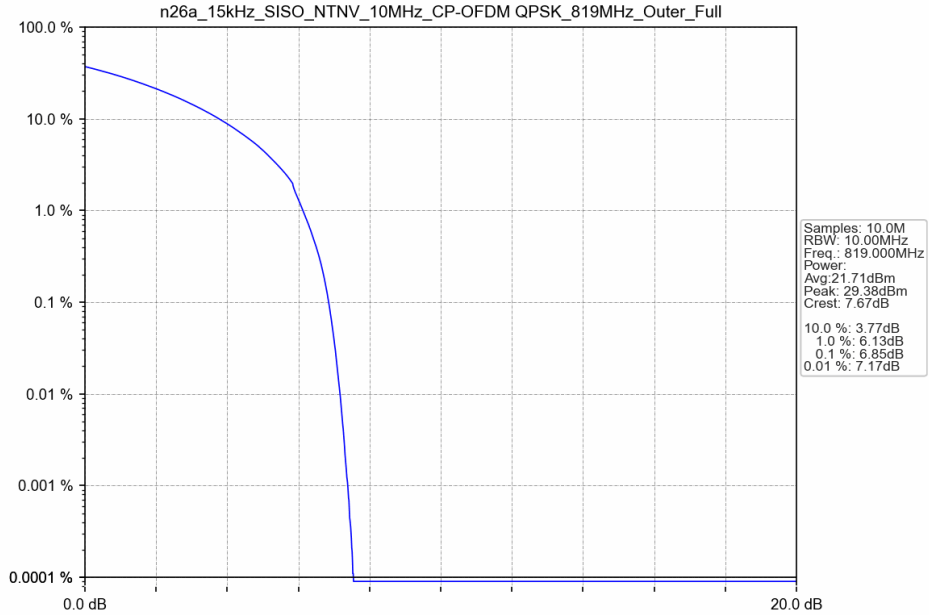
n26a_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_819MHz_Outer_Full_Ant0