1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 15k_SISO_5MHz_NTNV_ERP

5G NR n26b SCS=15kHz SISO 5MHz NTNV										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			ERP(dBm)				Verdict
			Ant31	Ant2	Sum	Ant31	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	826.5	Edge_1RB_Left	23.56	/	/	16.68	/	/	<=38.45	Pass
		Edge_1RB_Right	23.50	/	/	16.62	/	/	<=38.45	Pass
		Outer_Full	23.64	/	/	16.76	/	/	<=38.45	Pass
		Inner_Full	24.07	/	/	17.19	/	/	<=38.45	Pass
		Inner_1RB_Left	24.10	/	/	17.22	/	/	<=38.45	Pass
		Inner_1RB_Right	24.04	/	/	17.16	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	23.43	/	/	16.55	/	/	<=38.45	Pass
		Edge_1RB_Right	23.45	/	/	16.57	/	/	<=38.45	Pass
		Outer_Full	23.59	/	/	16.71	/	/	<=38.45	Pass
		Inner_Full	23.96	/	/	17.08	/	/	<=38.45	Pass
		Inner_1RB_Left	23.95	/	/	17.07	/	/	<=38.45	Pass
		Inner_1RB_Right	23.89	/	/	17.01	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	23.30	/	/	16.42	/	/	<=38.45	Pass
		Edge_1RB_Right	23.31	/	/	16.43	/	/	<=38.45	Pass
		Outer_Full	23.43	/	/	16.55	/	/	<=38.45	Pass
		Inner_Full	23.88	/	/	17.00	/	/	<=38.45	Pass
		Inner_1RB_Left	23.87	/	/	16.99	/	/	<=38.45	Pass
		Inner_1RB_Right	23.81	/	/	16.93	/	/	<=38.45	Pass
DFT-s-OFDM QPSK	826.5	Edge_1RB_Left	23.16	/	/	16.28	/	/	<=38.45	Pass
		Edge_1RB_Right	23.00	/	/	16.12	/	/	<=38.45	Pass
		Outer_Full	23.06	/	/	16.18	/	/	<=38.45	Pass
		Inner_Full	24.15	/	/	17.27	/	/	<=38.45	Pass
		Inner_1RB_Left	24.16	/	/	17.28	/	/	<=38.45	Pass
		Inner_1RB_Right	24.24	/	/	17.36	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	22.95	/	/	16.07	/	/	<=38.45	Pass
		Edge_1RB_Right	23.02	/	/	16.14	/	/	<=38.45	Pass
		Outer_Full	22.94	/	/	16.06	/	/	<=38.45	Pass
		Inner_Full	24.00	/	/	17.12	/	/	<=38.45	Pass
		Inner_1RB_Left	24.02	/	/	17.14	/	/	<=38.45	Pass
		Inner_1RB_Right	24.17	/	/	17.29	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	22.86	/	/	15.98	/	/	<=38.45	Pass
		Edge_1RB_Right	22.94	/	/	16.06	/	/	<=38.45	Pass
		Outer_Full	22.84	/	/	15.96	/	/	<=38.45	Pass
		Inner_Full	23.90	/	/	17.02	/	/	<=38.45	Pass
		Inner_1RB_Left	23.83	/	/	16.95	/	/	<=38.45	Pass
		Inner_1RB_Right	24.00	/	/	17.12	/	/	<=38.45	Pass
DFT-s-OFDM 16 QAM	826.5	Edge_1RB_Left	22.14	/	/	15.26	/	/	<=38.45	Pass
		Edge_1RB_Right	22.07	/	/	15.19	/	/	<=38.45	Pass
		Outer_Full	22.10	/	/	15.22	/	/	<=38.45	Pass
		Inner_Full	22.98	/	/	16.10	/	/	<=38.45	Pass
		Inner_1RB_Left	23.16	/	/	16.28	/	/	<=38.45	Pass
		Inner_1RB_Right	23.12	/	/	16.24	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	22.06	/	/	15.18	/	/	<=38.45	Pass
		Edge_1RB_Right	22.21	/	/	15.33	/	/	<=38.45	Pass
		Outer_Full	21.99	/	/	15.11	/	/	<=38.45	Pass
		Inner_Full	22.80	/	/	15.92	/	/	<=38.45	Pass
		Inner_1RB_Left	23.08	/	/	16.20	/	/	<=38.45	Pass
		Inner_1RB_Right	23.05	/	/	16.17	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	21.91	/	/	15.03	/	/	<=38.45	Pass

		Edge_1RB_Right	21.92	/	/	15.04	/	/	<=38.45	Pass
		Outer_Full	21.89	/	/	15.01	/	/	<=38.45	Pass
		Inner_Full	22.69	/	/	15.81	/	/	<=38.45	Pass
		Inner_1RB_Left	22.93	/	/	16.05	/	/	<=38.45	Pass
		Inner_1RB_Right	22.96	/	/	16.08	/	/	<=38.45	Pass
DFT-s-OFDM 64 QAM	826.5	Edge_1RB_Left	21.80	/	/	14.92	/	/	<=38.45	Pass
		Edge_1RB_Right	21.64	/	/	14.76	/	/	<=38.45	Pass
		Outer_Full	21.67	/	/	14.79	/	/	<=38.45	Pass
		Inner_Full	21.56	/	/	14.68	/	/	<=38.45	Pass
		Inner_1RB_Left	21.79	/	/	14.91	/	/	<=38.45	Pass
		Inner_1RB_Right	21.73	/	/	14.85	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.53	/	/	14.65	/	/	<=38.45	Pass
		Edge_1RB_Right	21.62	/	/	14.74	/	/	<=38.45	Pass
		Outer_Full	21.55	/	/	14.67	/	/	<=38.45	Pass
		Inner_Full	21.43	/	/	14.55	/	/	<=38.45	Pass
		Inner_1RB_Left	21.65	/	/	14.77	/	/	<=38.45	Pass
		Inner_1RB_Right	21.64	/	/	14.76	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	21.45	/	/	14.57	/	/	<=38.45	Pass
		Edge_1RB_Right	21.47	/	/	14.59	/	/	<=38.45	Pass
		Outer_Full	21.43	/	/	14.55	/	/	<=38.45	Pass
		Inner_Full	21.46	/	/	14.58	/	/	<=38.45	Pass
		Inner_1RB_Left	21.50	/	/	14.62	/	/	<=38.45	Pass
		Inner_1RB_Right	21.48	/	/	14.60	/	/	<=38.45	Pass
DFT-s-OFDM 256 QAM	826.5	Edge_1RB_Left	19.31	/	/	12.43	/	/	<=38.45	Pass
		Edge_1RB_Right	19.24	/	/	12.36	/	/	<=38.45	Pass
		Outer_Full	19.52	/	/	12.64	/	/	<=38.45	Pass
		Inner_Full	19.47	/	/	12.59	/	/	<=38.45	Pass
		Inner_1RB_Left	19.36	/	/	12.48	/	/	<=38.45	Pass
		Inner_1RB_Right	19.25	/	/	12.37	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	19.27	/	/	12.39	/	/	<=38.45	Pass
		Edge_1RB_Right	19.15	/	/	12.27	/	/	<=38.45	Pass
		Outer_Full	19.44	/	/	12.56	/	/	<=38.45	Pass
		Inner_Full	19.41	/	/	12.53	/	/	<=38.45	Pass
		Inner_1RB_Left	19.26	/	/	12.38	/	/	<=38.45	Pass
		Inner_1RB_Right	19.25	/	/	12.37	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	19.21	/	/	12.33	/	/	<=38.45	Pass
		Edge_1RB_Right	19.10	/	/	12.22	/	/	<=38.45	Pass
		Outer_Full	19.33	/	/	12.45	/	/	<=38.45	Pass
		Inner_Full	19.32	/	/	12.44	/	/	<=38.45	Pass
		Inner_1RB_Left	19.24	/	/	12.36	/	/	<=38.45	Pass
		Inner_1RB_Right	19.08	/	/	12.20	/	/	<=38.45	Pass
CP-OFDM QPSK	826.5	Edge_1RB_Left	21.21	/	/	14.33	/	/	<=38.45	Pass
		Edge_1RB_Right	21.15	/	/	14.27	/	/	<=38.45	Pass
		Outer_Full	21.03	/	/	14.15	/	/	<=38.45	Pass
		Inner_Full	22.77	/	/	15.89	/	/	<=38.45	Pass
		Inner_1RB_Left	22.56	/	/	15.68	/	/	<=38.45	Pass
		Inner_1RB_Right	22.58	/	/	15.70	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.15	/	/	14.27	/	/	<=38.45	Pass
		Edge_1RB_Right	21.06	/	/	14.18	/	/	<=38.45	Pass
		Outer_Full	21.11	/	/	14.23	/	/	<=38.45	Pass
		Inner_Full	22.57	/	/	15.69	/	/	<=38.45	Pass
		Inner_1RB_Left	22.56	/	/	15.68	/	/	<=38.45	Pass
		Inner_1RB_Right	22.48	/	/	15.60	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	21.03	/	/	14.15	/	/	<=38.45	Pass
		Edge_1RB_Right	20.96	/	/	14.08	/	/	<=38.45	Pass
		Outer_Full	20.94	/	/	14.06	/	/	<=38.45	Pass
		Inner_Full	22.33	/	/	15.45	/	/	<=38.45	Pass
		Inner_1RB_Left	22.42	/	/	15.54	/	/	<=38.45	Pass
		Inner_1RB_Right	22.41	/	/	15.53	/	/	<=38.45	Pass

CP-OFDM 16 QAM	826.5	Edge_1RB_Left	21.00	/	/	14.12	/	/	<=38.45	Pass
		Edge_1RB_Right	20.91	/	/	14.03	/	/	<=38.45	Pass
		Outer_Full	21.00	/	/	14.12	/	/	<=38.45	Pass
		Inner_Full	22.07	/	/	15.19	/	/	<=38.45	Pass
		Inner_1RB_Left	21.98	/	/	15.10	/	/	<=38.45	Pass
		Inner_1RB_Right	21.90	/	/	15.02	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.01	/	/	14.13	/	/	<=38.45	Pass
		Edge_1RB_Right	20.96	/	/	14.08	/	/	<=38.45	Pass
		Outer_Full	20.95	/	/	14.07	/	/	<=38.45	Pass
		Inner_Full	22.01	/	/	15.13	/	/	<=38.45	Pass
		Inner_1RB_Left	22.09	/	/	15.21	/	/	<=38.45	Pass
		Inner_1RB_Right	22.02	/	/	15.14	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	20.80	/	/	13.92	/	/	<=38.45	Pass
		Edge_1RB_Right	20.68	/	/	13.80	/	/	<=38.45	Pass
		Outer_Full	20.83	/	/	13.95	/	/	<=38.45	Pass
		Inner_Full	21.98	/	/	15.10	/	/	<=38.45	Pass
		Inner_1RB_Left	21.82	/	/	14.94	/	/	<=38.45	Pass
		Inner_1RB_Right	21.79	/	/	14.91	/	/	<=38.45	Pass
CP-OFDM 64 QAM	826.5	Edge_1RB_Left	20.76	/	/	13.88	/	/	<=38.45	Pass
		Edge_1RB_Right	20.66	/	/	13.78	/	/	<=38.45	Pass
		Outer_Full	20.74	/	/	13.86	/	/	<=38.45	Pass
		Inner_Full	20.55	/	/	13.67	/	/	<=38.45	Pass
		Inner_1RB_Left	20.76	/	/	13.88	/	/	<=38.45	Pass
		Inner_1RB_Right	20.62	/	/	13.74	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	20.71	/	/	13.83	/	/	<=38.45	Pass
		Edge_1RB_Right	20.54	/	/	13.66	/	/	<=38.45	Pass
		Outer_Full	20.64	/	/	13.76	/	/	<=38.45	Pass
		Inner_Full	20.47	/	/	13.59	/	/	<=38.45	Pass
		Inner_1RB_Left	20.65	/	/	13.77	/	/	<=38.45	Pass
		Inner_1RB_Right	20.58	/	/	13.70	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	20.50	/	/	13.62	/	/	<=38.45	Pass
		Edge_1RB_Right	20.50	/	/	13.62	/	/	<=38.45	Pass
		Outer_Full	20.59	/	/	13.71	/	/	<=38.45	Pass
		Inner_Full	20.51	/	/	13.63	/	/	<=38.45	Pass
		Inner_1RB_Left	20.57	/	/	13.69	/	/	<=38.45	Pass
		Inner_1RB_Right	20.35	/	/	13.47	/	/	<=38.45	Pass
CP-OFDM 256 QAM	826.5	Edge_1RB_Left	17.31	/	/	10.43	/	/	<=38.45	Pass
		Edge_1RB_Right	17.24	/	/	10.36	/	/	<=38.45	Pass
		Outer_Full	17.56	/	/	10.68	/	/	<=38.45	Pass
		Inner_Full	17.56	/	/	10.68	/	/	<=38.45	Pass
		Inner_1RB_Left	17.26	/	/	10.38	/	/	<=38.45	Pass
		Inner_1RB_Right	17.16	/	/	10.28	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	17.16	/	/	10.28	/	/	<=38.45	Pass
		Edge_1RB_Right	17.23	/	/	10.35	/	/	<=38.45	Pass
		Outer_Full	17.49	/	/	10.61	/	/	<=38.45	Pass
		Inner_Full	17.49	/	/	10.61	/	/	<=38.45	Pass
		Inner_1RB_Left	17.22	/	/	10.34	/	/	<=38.45	Pass
		Inner_1RB_Right	17.07	/	/	10.19	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	17.17	/	/	10.29	/	/	<=38.45	Pass
		Edge_1RB_Right	17.04	/	/	10.16	/	/	<=38.45	Pass
		Outer_Full	17.38	/	/	10.50	/	/	<=38.45	Pass
		Inner_Full	17.39	/	/	10.51	/	/	<=38.45	Pass
		Inner_1RB_Left	17.07	/	/	10.19	/	/	<=38.45	Pass
		Inner_1RB_Right	17.14	/	/	10.26	/	/	<=38.45	Pass
Note1: Antenna Gain: Ant31: -4.73dBi; Note2: ERP=Conducted Power+Antenna Gain-2.15										

1.1.2 15k_SISO_10MHz_NTNV_ERP

5G NR n26b SCS=15kHz SISO 10MHz NTNV										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			ERP(dBm)				Verdict
			Ant31	Ant2	Sum	Ant31	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	829	Edge_1RB_Left	23.53	/	/	16.65	/	/	<=38.45	Pass
		Edge_1RB_Right	23.44	/	/	16.56	/	/	<=38.45	Pass
		Outer_Full	23.59	/	/	16.71	/	/	<=38.45	Pass
		Inner_Full	24.11	/	/	17.23	/	/	<=38.45	Pass
		Inner_1RB_Left	23.95	/	/	17.07	/	/	<=38.45	Pass
		Inner_1RB_Right	23.98	/	/	17.10	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	23.47	/	/	16.59	/	/	<=38.45	Pass
		Edge_1RB_Right	23.39	/	/	16.51	/	/	<=38.45	Pass
		Outer_Full	23.63	/	/	16.75	/	/	<=38.45	Pass
		Inner_Full	24.00	/	/	17.12	/	/	<=38.45	Pass
		Inner_1RB_Left	23.95	/	/	17.07	/	/	<=38.45	Pass
		Inner_1RB_Right	23.94	/	/	17.06	/	/	<=38.45	Pass
	844	Edge_1RB_Left	23.43	/	/	16.55	/	/	<=38.45	Pass
		Edge_1RB_Right	23.25	/	/	16.37	/	/	<=38.45	Pass
		Outer_Full	23.55	/	/	16.67	/	/	<=38.45	Pass
		Inner_Full	23.91	/	/	17.03	/	/	<=38.45	Pass
		Inner_1RB_Left	23.89	/	/	17.01	/	/	<=38.45	Pass
		Inner_1RB_Right	23.88	/	/	17.00	/	/	<=38.45	Pass
DFT-s-OFDM QPSK	829	Edge_1RB_Left	23.00	/	/	16.12	/	/	<=38.45	Pass
		Edge_1RB_Right	23.00	/	/	16.12	/	/	<=38.45	Pass
		Outer_Full	23.10	/	/	16.22	/	/	<=38.45	Pass
		Inner_Full	24.04	/	/	17.16	/	/	<=38.45	Pass
		Inner_1RB_Left	24.09	/	/	17.21	/	/	<=38.45	Pass
		Inner_1RB_Right	23.99	/	/	17.11	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	23.04	/	/	16.16	/	/	<=38.45	Pass
		Edge_1RB_Right	22.97	/	/	16.09	/	/	<=38.45	Pass
		Outer_Full	22.98	/	/	16.10	/	/	<=38.45	Pass
		Inner_Full	23.99	/	/	17.11	/	/	<=38.45	Pass
		Inner_1RB_Left	24.08	/	/	17.20	/	/	<=38.45	Pass
		Inner_1RB_Right	24.05	/	/	17.17	/	/	<=38.45	Pass
	844	Edge_1RB_Left	22.95	/	/	16.07	/	/	<=38.45	Pass
		Edge_1RB_Right	22.82	/	/	15.94	/	/	<=38.45	Pass
		Outer_Full	22.90	/	/	16.02	/	/	<=38.45	Pass
		Inner_Full	23.90	/	/	17.02	/	/	<=38.45	Pass
		Inner_1RB_Left	23.76	/	/	16.88	/	/	<=38.45	Pass
		Inner_1RB_Right	23.89	/	/	17.01	/	/	<=38.45	Pass
DFT-s-OFDM 16 QAM	829	Edge_1RB_Left	22.18	/	/	15.30	/	/	<=38.45	Pass
		Edge_1RB_Right	22.02	/	/	15.14	/	/	<=38.45	Pass
		Outer_Full	22.05	/	/	15.17	/	/	<=38.45	Pass
		Inner_Full	23.03	/	/	16.15	/	/	<=38.45	Pass
		Inner_1RB_Left	23.19	/	/	16.31	/	/	<=38.45	Pass
		Inner_1RB_Right	23.10	/	/	16.22	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	22.14	/	/	15.26	/	/	<=38.45	Pass
		Edge_1RB_Right	22.02	/	/	15.14	/	/	<=38.45	Pass
		Outer_Full	21.93	/	/	15.05	/	/	<=38.45	Pass
		Inner_Full	22.89	/	/	16.01	/	/	<=38.45	Pass
		Inner_1RB_Left	23.05	/	/	16.17	/	/	<=38.45	Pass
		Inner_1RB_Right	22.99	/	/	16.11	/	/	<=38.45	Pass
	844	Edge_1RB_Left	21.98	/	/	15.10	/	/	<=38.45	Pass
		Edge_1RB_Right	21.86	/	/	14.98	/	/	<=38.45	Pass
		Outer_Full	21.85	/	/	14.97	/	/	<=38.45	Pass
		Inner_Full	22.91	/	/	16.03	/	/	<=38.45	Pass
		Inner_1RB_Left	23.02	/	/	16.14	/	/	<=38.45	Pass
		Inner_1RB_Right	22.90	/	/	16.02	/	/	<=38.45	Pass
DFT-s-OFDM 64 QAM	829	Edge_1RB_Left	21.66	/	/	14.78	/	/	<=38.45	Pass
		Edge_1RB_Right	21.58	/	/	14.70	/	/	<=38.45	Pass

		Outer_Full	21.55	/	/	14.67	/	/	<=38.45	Pass
		Inner_Full	21.59	/	/	14.71	/	/	<=38.45	Pass
		Inner_1RB_Left	21.68	/	/	14.80	/	/	<=38.45	Pass
		Inner_1RB_Right	21.58	/	/	14.70	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.68	/	/	14.80	/	/	<=38.45	Pass
		Edge_1RB_Right	21.58	/	/	14.70	/	/	<=38.45	Pass
		Outer_Full	21.51	/	/	14.63	/	/	<=38.45	Pass
		Inner_Full	21.62	/	/	14.74	/	/	<=38.45	Pass
		Inner_1RB_Left	21.63	/	/	14.75	/	/	<=38.45	Pass
		Inner_1RB_Right	21.57	/	/	14.69	/	/	<=38.45	Pass
	844	Edge_1RB_Left	21.57	/	/	14.69	/	/	<=38.45	Pass
		Edge_1RB_Right	21.45	/	/	14.57	/	/	<=38.45	Pass
		Outer_Full	21.36	/	/	14.48	/	/	<=38.45	Pass
		Inner_Full	21.50	/	/	14.62	/	/	<=38.45	Pass
		Inner_1RB_Left	21.62	/	/	14.74	/	/	<=38.45	Pass
		Inner_1RB_Right	21.54	/	/	14.66	/	/	<=38.45	Pass
DFT-s-OFDM 256 QAM	829	Edge_1RB_Left	19.27	/	/	12.39	/	/	<=38.45	Pass
		Edge_1RB_Right	19.27	/	/	12.39	/	/	<=38.45	Pass
		Outer_Full	19.47	/	/	12.59	/	/	<=38.45	Pass
		Inner_Full	19.46	/	/	12.58	/	/	<=38.45	Pass
		Inner_1RB_Left	19.33	/	/	12.45	/	/	<=38.45	Pass
		Inner_1RB_Right	19.29	/	/	12.41	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	19.21	/	/	12.33	/	/	<=38.45	Pass
		Edge_1RB_Right	19.26	/	/	12.38	/	/	<=38.45	Pass
		Outer_Full	19.48	/	/	12.60	/	/	<=38.45	Pass
		Inner_Full	19.39	/	/	12.51	/	/	<=38.45	Pass
		Inner_1RB_Left	19.24	/	/	12.36	/	/	<=38.45	Pass
		Inner_1RB_Right	19.23	/	/	12.35	/	/	<=38.45	Pass
	844	Edge_1RB_Left	19.06	/	/	12.18	/	/	<=38.45	Pass
		Edge_1RB_Right	19.05	/	/	12.17	/	/	<=38.45	Pass
		Outer_Full	19.43	/	/	12.55	/	/	<=38.45	Pass
		Inner_Full	19.32	/	/	12.44	/	/	<=38.45	Pass
		Inner_1RB_Left	19.15	/	/	12.27	/	/	<=38.45	Pass
		Inner_1RB_Right	19.09	/	/	12.21	/	/	<=38.45	Pass
CP-OFDM QPSK	829	Edge_1RB_Left	21.13	/	/	14.25	/	/	<=38.45	Pass
		Edge_1RB_Right	21.01	/	/	14.13	/	/	<=38.45	Pass
		Outer_Full	21.09	/	/	14.21	/	/	<=38.45	Pass
		Inner_Full	22.56	/	/	15.68	/	/	<=38.45	Pass
		Inner_1RB_Left	22.61	/	/	15.73	/	/	<=38.45	Pass
		Inner_1RB_Right	22.47	/	/	15.59	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.02	/	/	14.14	/	/	<=38.45	Pass
		Edge_1RB_Right	20.98	/	/	14.10	/	/	<=38.45	Pass
		Outer_Full	21.03	/	/	14.15	/	/	<=38.45	Pass
		Inner_Full	22.52	/	/	15.64	/	/	<=38.45	Pass
		Inner_1RB_Left	22.57	/	/	15.69	/	/	<=38.45	Pass
		Inner_1RB_Right	22.50	/	/	15.62	/	/	<=38.45	Pass
	844	Edge_1RB_Left	20.96	/	/	14.08	/	/	<=38.45	Pass
		Edge_1RB_Right	20.84	/	/	13.96	/	/	<=38.45	Pass
		Outer_Full	21.03	/	/	14.15	/	/	<=38.45	Pass
		Inner_Full	22.39	/	/	15.51	/	/	<=38.45	Pass
		Inner_1RB_Left	22.40	/	/	15.52	/	/	<=38.45	Pass
		Inner_1RB_Right	22.39	/	/	15.51	/	/	<=38.45	Pass
CP-OFDM 16 QAM	829	Edge_1RB_Left	21.06	/	/	14.18	/	/	<=38.45	Pass
		Edge_1RB_Right	20.99	/	/	14.11	/	/	<=38.45	Pass
		Outer_Full	21.11	/	/	14.23	/	/	<=38.45	Pass
		Inner_Full	22.07	/	/	15.19	/	/	<=38.45	Pass
		Inner_1RB_Left	22.11	/	/	15.23	/	/	<=38.45	Pass
		Inner_1RB_Right	21.97	/	/	15.09	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.11	/	/	14.23	/	/	<=38.45	Pass

		Edge_1RB_Right	20.97	/	/	14.09	/	/	<=38.45	Pass
		Outer_Full	21.15	/	/	14.27	/	/	<=38.45	Pass
		Inner_Full	22.08	/	/	15.20	/	/	<=38.45	Pass
		Inner_1RB_Left	21.99	/	/	15.11	/	/	<=38.45	Pass
		Inner_1RB_Right	22.03	/	/	15.15	/	/	<=38.45	Pass
	844	Edge_1RB_Left	20.96	/	/	14.08	/	/	<=38.45	Pass
		Edge_1RB_Right	20.84	/	/	13.96	/	/	<=38.45	Pass
		Outer_Full	20.86	/	/	13.98	/	/	<=38.45	Pass
		Inner_Full	21.91	/	/	15.03	/	/	<=38.45	Pass
		Inner_1RB_Left	21.97	/	/	15.09	/	/	<=38.45	Pass
		Inner_1RB_Right	21.85	/	/	14.97	/	/	<=38.45	Pass
CP-OFDM 64 QAM	829	Edge_1RB_Left	20.68	/	/	13.80	/	/	<=38.45	Pass
		Edge_1RB_Right	20.56	/	/	13.68	/	/	<=38.45	Pass
		Outer_Full	20.52	/	/	13.64	/	/	<=38.45	Pass
		Inner_Full	20.64	/	/	13.76	/	/	<=38.45	Pass
		Inner_1RB_Left	20.69	/	/	13.81	/	/	<=38.45	Pass
		Inner_1RB_Right	20.57	/	/	13.69	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	20.68	/	/	13.80	/	/	<=38.45	Pass
		Edge_1RB_Right	20.50	/	/	13.62	/	/	<=38.45	Pass
		Outer_Full	20.49	/	/	13.61	/	/	<=38.45	Pass
		Inner_Full	20.56	/	/	13.68	/	/	<=38.45	Pass
		Inner_1RB_Left	20.66	/	/	13.78	/	/	<=38.45	Pass
		Inner_1RB_Right	20.51	/	/	13.63	/	/	<=38.45	Pass
	844	Edge_1RB_Left	20.59	/	/	13.71	/	/	<=38.45	Pass
		Edge_1RB_Right	20.42	/	/	13.54	/	/	<=38.45	Pass
		Outer_Full	20.40	/	/	13.52	/	/	<=38.45	Pass
		Inner_Full	20.53	/	/	13.65	/	/	<=38.45	Pass
		Inner_1RB_Left	20.52	/	/	13.64	/	/	<=38.45	Pass
		Inner_1RB_Right	20.41	/	/	13.53	/	/	<=38.45	Pass
CP-OFDM 256 QAM	829	Edge_1RB_Left	17.17	/	/	10.29	/	/	<=38.45	Pass
		Edge_1RB_Right	17.18	/	/	10.30	/	/	<=38.45	Pass
		Outer_Full	17.52	/	/	10.64	/	/	<=38.45	Pass
		Inner_Full	17.43	/	/	10.55	/	/	<=38.45	Pass
		Inner_1RB_Left	17.21	/	/	10.33	/	/	<=38.45	Pass
		Inner_1RB_Right	17.13	/	/	10.25	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	17.18	/	/	10.30	/	/	<=38.45	Pass
		Edge_1RB_Right	17.10	/	/	10.22	/	/	<=38.45	Pass
		Outer_Full	17.61	/	/	10.73	/	/	<=38.45	Pass
		Inner_Full	17.44	/	/	10.56	/	/	<=38.45	Pass
		Inner_1RB_Left	17.15	/	/	10.27	/	/	<=38.45	Pass
		Inner_1RB_Right	17.13	/	/	10.25	/	/	<=38.45	Pass
	844	Edge_1RB_Left	16.99	/	/	10.11	/	/	<=38.45	Pass
		Edge_1RB_Right	17.02	/	/	10.14	/	/	<=38.45	Pass
		Outer_Full	17.44	/	/	10.56	/	/	<=38.45	Pass
		Inner_Full	17.34	/	/	10.46	/	/	<=38.45	Pass
		Inner_1RB_Left	17.04	/	/	10.16	/	/	<=38.45	Pass
		Inner_1RB_Right	17.05	/	/	10.17	/	/	<=38.45	Pass
Note1: Antenna Gain: Ant31: -4.73dBi; Note2: ERP=Conducted Power+Antenna Gain-2.15										

1.1.3 15k_SISO_15MHz_NTNV_ERP

5G NR n26b SCS=15kHz SISO 15MHz NTNV										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			ERP(dBm)				Verdict
			Ant31	Ant2	Sum	Ant31	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	831.5	Edge_1RB_Left	23.50	/	/	16.62	/	/	<=38.45	Pass
		Edge_1RB_Right	23.57	/	/	16.69	/	/	<=38.45	Pass
		Outer_Full	23.74	/	/	16.86	/	/	<=38.45	Pass

		Inner_Full	24.16	/	/	17.28	/	/	<=38.45	Pass
		Inner_1RB_Left	24.01	/	/	17.13	/	/	<=38.45	Pass
		Inner_1RB_Right	24.10	/	/	17.22	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	23.65	/	/	16.77	/	/	<=38.45	Pass
		Edge_1RB_Right	23.58	/	/	16.70	/	/	<=38.45	Pass
		Outer_Full	23.68	/	/	16.80	/	/	<=38.45	Pass
		Inner_Full	24.18	/	/	17.30	/	/	<=38.45	Pass
		Inner_1RB_Left	24.09	/	/	17.21	/	/	<=38.45	Pass
		Inner_1RB_Right	24.08	/	/	17.20	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	23.57	/	/	16.69	/	/	<=38.45	Pass
		Edge_1RB_Right	23.52	/	/	16.64	/	/	<=38.45	Pass
		Outer_Full	23.69	/	/	16.81	/	/	<=38.45	Pass
		Inner_Full	24.06	/	/	17.18	/	/	<=38.45	Pass
		Inner_1RB_Left	24.03	/	/	17.15	/	/	<=38.45	Pass
		Inner_1RB_Right	23.95	/	/	17.07	/	/	<=38.45	Pass
DFT-s-OFDM QPSK	831.5	Edge_1RB_Left	23.06	/	/	16.18	/	/	<=38.45	Pass
		Edge_1RB_Right	23.14	/	/	16.26	/	/	<=38.45	Pass
		Outer_Full	23.15	/	/	16.27	/	/	<=38.45	Pass
		Inner_Full	24.10	/	/	17.22	/	/	<=38.45	Pass
		Inner_1RB_Left	24.15	/	/	17.27	/	/	<=38.45	Pass
		Inner_1RB_Right	24.20	/	/	17.32	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	23.25	/	/	16.37	/	/	<=38.45	Pass
		Edge_1RB_Right	23.21	/	/	16.33	/	/	<=38.45	Pass
		Outer_Full	23.18	/	/	16.30	/	/	<=38.45	Pass
		Inner_Full	24.19	/	/	17.31	/	/	<=38.45	Pass
		Inner_1RB_Left	24.11	/	/	17.23	/	/	<=38.45	Pass
		Inner_1RB_Right	24.26	/	/	17.38	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	23.11	/	/	16.23	/	/	<=38.45	Pass
		Edge_1RB_Right	23.01	/	/	16.13	/	/	<=38.45	Pass
		Outer_Full	23.14	/	/	16.26	/	/	<=38.45	Pass
		Inner_Full	24.04	/	/	17.16	/	/	<=38.45	Pass
		Inner_1RB_Left	24.18	/	/	17.30	/	/	<=38.45	Pass
		Inner_1RB_Right	24.11	/	/	17.23	/	/	<=38.45	Pass
DFT-s-OFDM 16 QAM	831.5	Edge_1RB_Left	22.20	/	/	15.32	/	/	<=38.45	Pass
		Edge_1RB_Right	22.16	/	/	15.28	/	/	<=38.45	Pass
		Outer_Full	22.13	/	/	15.25	/	/	<=38.45	Pass
		Inner_Full	23.11	/	/	16.23	/	/	<=38.45	Pass
		Inner_1RB_Left	23.18	/	/	16.30	/	/	<=38.45	Pass
		Inner_1RB_Right	23.20	/	/	16.32	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	22.20	/	/	15.32	/	/	<=38.45	Pass
		Edge_1RB_Right	22.17	/	/	15.29	/	/	<=38.45	Pass
		Outer_Full	22.15	/	/	15.27	/	/	<=38.45	Pass
		Inner_Full	23.14	/	/	16.26	/	/	<=38.45	Pass
		Inner_1RB_Left	23.19	/	/	16.31	/	/	<=38.45	Pass
		Inner_1RB_Right	23.16	/	/	16.28	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	22.24	/	/	15.36	/	/	<=38.45	Pass
		Edge_1RB_Right	21.97	/	/	15.09	/	/	<=38.45	Pass
		Outer_Full	22.10	/	/	15.22	/	/	<=38.45	Pass
		Inner_Full	23.04	/	/	16.16	/	/	<=38.45	Pass
		Inner_1RB_Left	23.25	/	/	16.37	/	/	<=38.45	Pass
		Inner_1RB_Right	23.08	/	/	16.20	/	/	<=38.45	Pass
DFT-s-OFDM 64 QAM	831.5	Edge_1RB_Left	21.73	/	/	14.85	/	/	<=38.45	Pass
		Edge_1RB_Right	21.68	/	/	14.80	/	/	<=38.45	Pass
		Outer_Full	21.64	/	/	14.76	/	/	<=38.45	Pass
		Inner_Full	21.68	/	/	14.80	/	/	<=38.45	Pass
		Inner_1RB_Left	21.68	/	/	14.80	/	/	<=38.45	Pass
		Inner_1RB_Right	21.70	/	/	14.82	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.80	/	/	14.92	/	/	<=38.45	Pass
		Edge_1RB_Right	21.78	/	/	14.90	/	/	<=38.45	Pass

		Outer_Full	21.68	/	/	14.80	/	/	<=38.45	Pass
		Inner_Full	21.64	/	/	14.76	/	/	<=38.45	Pass
		Inner_1RB_Left	21.73	/	/	14.85	/	/	<=38.45	Pass
		Inner_1RB_Right	21.74	/	/	14.86	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	21.78	/	/	14.90	/	/	<=38.45	Pass
		Edge_1RB_Right	21.66	/	/	14.78	/	/	<=38.45	Pass
		Outer_Full	21.59	/	/	14.71	/	/	<=38.45	Pass
		Inner_Full	21.59	/	/	14.71	/	/	<=38.45	Pass
		Inner_1RB_Left	21.84	/	/	14.96	/	/	<=38.45	Pass
		Inner_1RB_Right	21.64	/	/	14.76	/	/	<=38.45	Pass
DFT-s-OFDM 256 QAM	831.5	Edge_1RB_Left	19.42	/	/	12.54	/	/	<=38.45	Pass
		Edge_1RB_Right	19.46	/	/	12.58	/	/	<=38.45	Pass
		Outer_Full	19.68	/	/	12.80	/	/	<=38.45	Pass
		Inner_Full	19.64	/	/	12.76	/	/	<=38.45	Pass
		Inner_1RB_Left	19.41	/	/	12.53	/	/	<=38.45	Pass
		Inner_1RB_Right	19.52	/	/	12.64	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	19.30	/	/	12.42	/	/	<=38.45	Pass
		Edge_1RB_Right	19.43	/	/	12.55	/	/	<=38.45	Pass
		Outer_Full	19.57	/	/	12.69	/	/	<=38.45	Pass
		Inner_Full	19.49	/	/	12.61	/	/	<=38.45	Pass
		Inner_1RB_Left	19.33	/	/	12.45	/	/	<=38.45	Pass
		Inner_1RB_Right	19.39	/	/	12.51	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	19.37	/	/	12.49	/	/	<=38.45	Pass
		Edge_1RB_Right	19.30	/	/	12.42	/	/	<=38.45	Pass
		Outer_Full	19.60	/	/	12.72	/	/	<=38.45	Pass
		Inner_Full	19.56	/	/	12.68	/	/	<=38.45	Pass
		Inner_1RB_Left	19.33	/	/	12.45	/	/	<=38.45	Pass
		Inner_1RB_Right	19.33	/	/	12.45	/	/	<=38.45	Pass
CP-OFDM QPSK	831.5	Edge_1RB_Left	21.21	/	/	14.33	/	/	<=38.45	Pass
		Edge_1RB_Right	21.24	/	/	14.36	/	/	<=38.45	Pass
		Outer_Full	21.29	/	/	14.41	/	/	<=38.45	Pass
		Inner_Full	22.71	/	/	15.83	/	/	<=38.45	Pass
		Inner_1RB_Left	22.77	/	/	15.89	/	/	<=38.45	Pass
		Inner_1RB_Right	22.67	/	/	15.79	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.23	/	/	14.35	/	/	<=38.45	Pass
		Edge_1RB_Right	21.19	/	/	14.31	/	/	<=38.45	Pass
		Outer_Full	21.29	/	/	14.41	/	/	<=38.45	Pass
		Inner_Full	22.70	/	/	15.82	/	/	<=38.45	Pass
		Inner_1RB_Left	22.68	/	/	15.80	/	/	<=38.45	Pass
		Inner_1RB_Right	22.60	/	/	15.72	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	21.22	/	/	14.34	/	/	<=38.45	Pass
		Edge_1RB_Right	21.20	/	/	14.32	/	/	<=38.45	Pass
		Outer_Full	21.13	/	/	14.25	/	/	<=38.45	Pass
		Inner_Full	22.58	/	/	15.70	/	/	<=38.45	Pass
		Inner_1RB_Left	22.91	/	/	16.03	/	/	<=38.45	Pass
		Inner_1RB_Right	22.64	/	/	15.76	/	/	<=38.45	Pass
CP-OFDM 16 QAM	831.5	Edge_1RB_Left	20.92	/	/	14.04	/	/	<=38.45	Pass
		Edge_1RB_Right	21.09	/	/	14.21	/	/	<=38.45	Pass
		Outer_Full	21.14	/	/	14.26	/	/	<=38.45	Pass
		Inner_Full	22.21	/	/	15.33	/	/	<=38.45	Pass
		Inner_1RB_Left	22.15	/	/	15.27	/	/	<=38.45	Pass
		Inner_1RB_Right	22.15	/	/	15.27	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.02	/	/	14.14	/	/	<=38.45	Pass
		Edge_1RB_Right	21.00	/	/	14.12	/	/	<=38.45	Pass
		Outer_Full	21.08	/	/	14.20	/	/	<=38.45	Pass
		Inner_Full	22.10	/	/	15.22	/	/	<=38.45	Pass
		Inner_1RB_Left	22.10	/	/	15.22	/	/	<=38.45	Pass
		Inner_1RB_Right	21.98	/	/	15.10	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	21.22	/	/	14.34	/	/	<=38.45	Pass

		Edge_1RB_Right	21.09	/	/	14.21	/	/	<=38.45	Pass
		Outer_Full	21.15	/	/	14.27	/	/	<=38.45	Pass
		Inner_Full	22.07	/	/	15.19	/	/	<=38.45	Pass
		Inner_1RB_Left	22.24	/	/	15.36	/	/	<=38.45	Pass
		Inner_1RB_Right	22.18	/	/	15.30	/	/	<=38.45	Pass
CP-OFDM 64 QAM	831.5	Edge_1RB_Left	20.82	/	/	13.94	/	/	<=38.45	Pass
		Edge_1RB_Right	20.83	/	/	13.95	/	/	<=38.45	Pass
		Outer_Full	20.78	/	/	13.90	/	/	<=38.45	Pass
		Inner_Full	20.67	/	/	13.79	/	/	<=38.45	Pass
		Inner_1RB_Left	20.70	/	/	13.82	/	/	<=38.45	Pass
		Inner_1RB_Right	20.79	/	/	13.91	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	20.74	/	/	13.86	/	/	<=38.45	Pass
		Edge_1RB_Right	20.75	/	/	13.87	/	/	<=38.45	Pass
		Outer_Full	20.67	/	/	13.79	/	/	<=38.45	Pass
		Inner_Full	20.64	/	/	13.76	/	/	<=38.45	Pass
		Inner_1RB_Left	20.79	/	/	13.91	/	/	<=38.45	Pass
		Inner_1RB_Right	20.73	/	/	13.85	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	20.73	/	/	13.85	/	/	<=38.45	Pass
		Edge_1RB_Right	20.78	/	/	13.90	/	/	<=38.45	Pass
		Outer_Full	20.65	/	/	13.77	/	/	<=38.45	Pass
		Inner_Full	20.64	/	/	13.76	/	/	<=38.45	Pass
		Inner_1RB_Left	20.78	/	/	13.90	/	/	<=38.45	Pass
		Inner_1RB_Right	20.76	/	/	13.88	/	/	<=38.45	Pass
CP-OFDM 256 QAM	831.5	Edge_1RB_Left	17.31	/	/	10.43	/	/	<=38.45	Pass
		Edge_1RB_Right	17.35	/	/	10.47	/	/	<=38.45	Pass
		Outer_Full	17.68	/	/	10.80	/	/	<=38.45	Pass
		Inner_Full	17.59	/	/	10.71	/	/	<=38.45	Pass
		Inner_1RB_Left	17.32	/	/	10.44	/	/	<=38.45	Pass
		Inner_1RB_Right	17.41	/	/	10.53	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	17.31	/	/	10.43	/	/	<=38.45	Pass
		Edge_1RB_Right	17.38	/	/	10.50	/	/	<=38.45	Pass
		Outer_Full	17.64	/	/	10.76	/	/	<=38.45	Pass
		Inner_Full	17.71	/	/	10.83	/	/	<=38.45	Pass
		Inner_1RB_Left	17.39	/	/	10.51	/	/	<=38.45	Pass
		Inner_1RB_Right	17.38	/	/	10.50	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	17.22	/	/	10.34	/	/	<=38.45	Pass
		Edge_1RB_Right	17.29	/	/	10.41	/	/	<=38.45	Pass
		Outer_Full	17.60	/	/	10.72	/	/	<=38.45	Pass
		Inner_Full	17.60	/	/	10.72	/	/	<=38.45	Pass
		Inner_1RB_Left	17.30	/	/	10.42	/	/	<=38.45	Pass
		Inner_1RB_Right	17.31	/	/	10.43	/	/	<=38.45	Pass
Note1: Antenna Gain: Ant31: -4.73dBi; Note2: ERP=Conducted Power+Antenna Gain-2.15										

1.1.4 15k_SISO_20MHz_NTNV_ERP

5G NR n26b SCS=15kHz SISO 20MHz NTNV										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			ERP(dBm)				Verdict
			Ant31	Ant2	Sum	Ant31	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	834	Edge_1RB_Left	23.44	/	/	16.56	/	/	<=38.45	Pass
		Edge_1RB_Right	23.52	/	/	16.64	/	/	<=38.45	Pass
		Outer_Full	23.73	/	/	16.85	/	/	<=38.45	Pass
		Inner_Full	24.11	/	/	17.23	/	/	<=38.45	Pass
		Inner_1RB_Left	24.02	/	/	17.14	/	/	<=38.45	Pass
		Inner_1RB_Right	24.06	/	/	17.18	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	23.51	/	/	16.63	/	/	<=38.45	Pass
		Edge_1RB_Right	23.55	/	/	16.67	/	/	<=38.45	Pass
		Outer_Full	23.69	/	/	16.81	/	/	<=38.45	Pass

		Inner_Full	24.17	/	/	17.29	/	/	<=38.45	Pass
		Inner_1RB_Left	24.03	/	/	17.15	/	/	<=38.45	Pass
		Inner_1RB_Right	24.05	/	/	17.17	/	/	<=38.45	Pass
	839	Edge_1RB_Left	23.61	/	/	16.73	/	/	<=38.45	Pass
		Edge_1RB_Right	23.45	/	/	16.57	/	/	<=38.45	Pass
		Outer_Full	23.63	/	/	16.75	/	/	<=38.45	Pass
		Inner_Full	24.13	/	/	17.25	/	/	<=38.45	Pass
		Inner_1RB_Left	24.11	/	/	17.23	/	/	<=38.45	Pass
		Inner_1RB_Right	23.94	/	/	17.06	/	/	<=38.45	Pass
DFT-s-OFDM QPSK	834	Edge_1RB_Left	22.98	/	/	16.10	/	/	<=38.45	Pass
		Edge_1RB_Right	23.11	/	/	16.23	/	/	<=38.45	Pass
		Outer_Full	23.14	/	/	16.26	/	/	<=38.45	Pass
		Inner_Full	24.09	/	/	17.21	/	/	<=38.45	Pass
		Inner_1RB_Left	24.07	/	/	17.19	/	/	<=38.45	Pass
		Inner_1RB_Right	24.16	/	/	17.28	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	23.12	/	/	16.24	/	/	<=38.45	Pass
		Edge_1RB_Right	23.41	/	/	16.53	/	/	<=38.45	Pass
		Outer_Full	23.27	/	/	16.39	/	/	<=38.45	Pass
		Inner_Full	24.17	/	/	17.29	/	/	<=38.45	Pass
		Inner_1RB_Left	24.13	/	/	17.25	/	/	<=38.45	Pass
		Inner_1RB_Right	24.15	/	/	17.27	/	/	<=38.45	Pass
	839	Edge_1RB_Left	23.21	/	/	16.33	/	/	<=38.45	Pass
		Edge_1RB_Right	22.97	/	/	16.09	/	/	<=38.45	Pass
		Outer_Full	23.18	/	/	16.30	/	/	<=38.45	Pass
		Inner_Full	24.18	/	/	17.30	/	/	<=38.45	Pass
		Inner_1RB_Left	24.21	/	/	17.33	/	/	<=38.45	Pass
		Inner_1RB_Right	24.05	/	/	17.17	/	/	<=38.45	Pass
DFT-s-OFDM 16 QAM	834	Edge_1RB_Left	22.14	/	/	15.26	/	/	<=38.45	Pass
		Edge_1RB_Right	22.11	/	/	15.23	/	/	<=38.45	Pass
		Outer_Full	22.13	/	/	15.25	/	/	<=38.45	Pass
		Inner_Full	23.05	/	/	16.17	/	/	<=38.45	Pass
		Inner_1RB_Left	23.09	/	/	16.21	/	/	<=38.45	Pass
		Inner_1RB_Right	23.14	/	/	16.26	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	22.33	/	/	15.45	/	/	<=38.45	Pass
		Edge_1RB_Right	22.19	/	/	15.31	/	/	<=38.45	Pass
		Outer_Full	22.26	/	/	15.38	/	/	<=38.45	Pass
		Inner_Full	23.16	/	/	16.28	/	/	<=38.45	Pass
		Inner_1RB_Left	23.17	/	/	16.29	/	/	<=38.45	Pass
		Inner_1RB_Right	23.08	/	/	16.20	/	/	<=38.45	Pass
	839	Edge_1RB_Left	22.25	/	/	15.37	/	/	<=38.45	Pass
		Edge_1RB_Right	22.11	/	/	15.23	/	/	<=38.45	Pass
		Outer_Full	22.16	/	/	15.28	/	/	<=38.45	Pass
		Inner_Full	23.14	/	/	16.26	/	/	<=38.45	Pass
		Inner_1RB_Left	23.15	/	/	16.27	/	/	<=38.45	Pass
		Inner_1RB_Right	22.96	/	/	16.08	/	/	<=38.45	Pass
DFT-s-OFDM 64 QAM	834	Edge_1RB_Left	21.72	/	/	14.84	/	/	<=38.45	Pass
		Edge_1RB_Right	21.70	/	/	14.82	/	/	<=38.45	Pass
		Outer_Full	21.58	/	/	14.70	/	/	<=38.45	Pass
		Inner_Full	21.69	/	/	14.81	/	/	<=38.45	Pass
		Inner_1RB_Left	21.69	/	/	14.81	/	/	<=38.45	Pass
		Inner_1RB_Right	21.78	/	/	14.90	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.77	/	/	14.89	/	/	<=38.45	Pass
		Edge_1RB_Right	21.57	/	/	14.69	/	/	<=38.45	Pass
		Outer_Full	21.65	/	/	14.77	/	/	<=38.45	Pass
		Inner_Full	21.62	/	/	14.74	/	/	<=38.45	Pass
		Inner_1RB_Left	21.73	/	/	14.85	/	/	<=38.45	Pass
		Inner_1RB_Right	21.63	/	/	14.75	/	/	<=38.45	Pass
	839	Edge_1RB_Left	21.73	/	/	14.85	/	/	<=38.45	Pass
		Edge_1RB_Right	21.62	/	/	14.74	/	/	<=38.45	Pass

		Outer_Full	21.58	/	/	14.70	/	/	<=38.45	Pass
		Inner_Full	21.61	/	/	14.73	/	/	<=38.45	Pass
		Inner_1RB_Left	21.73	/	/	14.85	/	/	<=38.45	Pass
		Inner_1RB_Right	21.62	/	/	14.74	/	/	<=38.45	Pass
DFT-s-OFDM 256 QAM	834	Edge_1RB_Left	19.37	/	/	12.49	/	/	<=38.45	Pass
		Edge_1RB_Right	19.35	/	/	12.47	/	/	<=38.45	Pass
		Outer_Full	19.62	/	/	12.74	/	/	<=38.45	Pass
		Inner_Full	19.54	/	/	12.66	/	/	<=38.45	Pass
		Inner_1RB_Left	19.30	/	/	12.42	/	/	<=38.45	Pass
		Inner_1RB_Right	19.33	/	/	12.45	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	19.41	/	/	12.53	/	/	<=38.45	Pass
		Edge_1RB_Right	19.38	/	/	12.50	/	/	<=38.45	Pass
		Outer_Full	19.65	/	/	12.77	/	/	<=38.45	Pass
		Inner_Full	19.58	/	/	12.70	/	/	<=38.45	Pass
		Inner_1RB_Left	19.43	/	/	12.55	/	/	<=38.45	Pass
		Inner_1RB_Right	19.41	/	/	12.53	/	/	<=38.45	Pass
	839	Edge_1RB_Left	19.40	/	/	12.52	/	/	<=38.45	Pass
		Edge_1RB_Right	19.32	/	/	12.44	/	/	<=38.45	Pass
		Outer_Full	19.59	/	/	12.71	/	/	<=38.45	Pass
		Inner_Full	19.58	/	/	12.70	/	/	<=38.45	Pass
		Inner_1RB_Left	19.44	/	/	12.56	/	/	<=38.45	Pass
		Inner_1RB_Right	19.39	/	/	12.51	/	/	<=38.45	Pass
CP-OFDM QPSK	834	Edge_1RB_Left	21.18	/	/	14.30	/	/	<=38.45	Pass
		Edge_1RB_Right	21.01	/	/	14.13	/	/	<=38.45	Pass
		Outer_Full	21.18	/	/	14.30	/	/	<=38.45	Pass
		Inner_Full	22.67	/	/	15.79	/	/	<=38.45	Pass
		Inner_1RB_Left	22.47	/	/	15.59	/	/	<=38.45	Pass
		Inner_1RB_Right	22.59	/	/	15.71	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.22	/	/	14.34	/	/	<=38.45	Pass
		Edge_1RB_Right	21.14	/	/	14.26	/	/	<=38.45	Pass
		Outer_Full	21.14	/	/	14.26	/	/	<=38.45	Pass
		Inner_Full	22.65	/	/	15.77	/	/	<=38.45	Pass
		Inner_1RB_Left	22.73	/	/	15.85	/	/	<=38.45	Pass
		Inner_1RB_Right	22.57	/	/	15.69	/	/	<=38.45	Pass
	839	Edge_1RB_Left	21.19	/	/	14.31	/	/	<=38.45	Pass
		Edge_1RB_Right	21.07	/	/	14.19	/	/	<=38.45	Pass
		Outer_Full	21.25	/	/	14.37	/	/	<=38.45	Pass
		Inner_Full	22.63	/	/	15.75	/	/	<=38.45	Pass
		Inner_1RB_Left	22.65	/	/	15.77	/	/	<=38.45	Pass
		Inner_1RB_Right	22.45	/	/	15.57	/	/	<=38.45	Pass
CP-OFDM 16 QAM	834	Edge_1RB_Left	21.12	/	/	14.24	/	/	<=38.45	Pass
		Edge_1RB_Right	21.19	/	/	14.31	/	/	<=38.45	Pass
		Outer_Full	21.15	/	/	14.27	/	/	<=38.45	Pass
		Inner_Full	22.29	/	/	15.41	/	/	<=38.45	Pass
		Inner_1RB_Left	22.14	/	/	15.26	/	/	<=38.45	Pass
		Inner_1RB_Right	22.15	/	/	15.27	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.20	/	/	14.32	/	/	<=38.45	Pass
		Edge_1RB_Right	21.03	/	/	14.15	/	/	<=38.45	Pass
		Outer_Full	21.16	/	/	14.28	/	/	<=38.45	Pass
		Inner_Full	22.26	/	/	15.38	/	/	<=38.45	Pass
		Inner_1RB_Left	22.21	/	/	15.33	/	/	<=38.45	Pass
		Inner_1RB_Right	22.04	/	/	15.16	/	/	<=38.45	Pass
	839	Edge_1RB_Left	21.25	/	/	14.37	/	/	<=38.45	Pass
		Edge_1RB_Right	21.14	/	/	14.26	/	/	<=38.45	Pass
		Outer_Full	21.06	/	/	14.18	/	/	<=38.45	Pass
		Inner_Full	22.14	/	/	15.26	/	/	<=38.45	Pass
		Inner_1RB_Left	22.29	/	/	15.41	/	/	<=38.45	Pass
		Inner_1RB_Right	22.08	/	/	15.20	/	/	<=38.45	Pass
CP-OFDM 64 QAM	834	Edge_1RB_Left	20.55	/	/	13.67	/	/	<=38.45	Pass

		Edge_1RB_Right	20.53	/	/	13.65	/	/	<=38.45	Pass
		Outer_Full	20.66	/	/	13.78	/	/	<=38.45	Pass
		Inner_Full	20.66	/	/	13.78	/	/	<=38.45	Pass
		Inner_1RB_Left	20.51	/	/	13.63	/	/	<=38.45	Pass
		Inner_1RB_Right	20.48	/	/	13.60	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	20.71	/	/	13.83	/	/	<=38.45	Pass
		Edge_1RB_Right	20.61	/	/	13.73	/	/	<=38.45	Pass
		Outer_Full	20.65	/	/	13.77	/	/	<=38.45	Pass
		Inner_Full	20.60	/	/	13.72	/	/	<=38.45	Pass
		Inner_1RB_Left	20.81	/	/	13.93	/	/	<=38.45	Pass
		Inner_1RB_Right	20.62	/	/	13.74	/	/	<=38.45	Pass
	839	Edge_1RB_Left	20.58	/	/	13.70	/	/	<=38.45	Pass
		Edge_1RB_Right	20.62	/	/	13.74	/	/	<=38.45	Pass
		Outer_Full	20.65	/	/	13.77	/	/	<=38.45	Pass
		Inner_Full	20.58	/	/	13.70	/	/	<=38.45	Pass
		Inner_1RB_Left	20.62	/	/	13.74	/	/	<=38.45	Pass
		Inner_1RB_Right	20.52	/	/	13.64	/	/	<=38.45	Pass
CP-OFDM 256 QAM	834	Edge_1RB_Left	17.34	/	/	10.46	/	/	<=38.45	Pass
		Edge_1RB_Right	17.37	/	/	10.49	/	/	<=38.45	Pass
		Outer_Full	17.62	/	/	10.74	/	/	<=38.45	Pass
		Inner_Full	17.56	/	/	10.68	/	/	<=38.45	Pass
		Inner_1RB_Left	17.31	/	/	10.43	/	/	<=38.45	Pass
		Inner_1RB_Right	17.41	/	/	10.53	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	17.49	/	/	10.61	/	/	<=38.45	Pass
		Edge_1RB_Right	17.38	/	/	10.50	/	/	<=38.45	Pass
		Outer_Full	17.61	/	/	10.73	/	/	<=38.45	Pass
		Inner_Full	17.70	/	/	10.82	/	/	<=38.45	Pass
		Inner_1RB_Left	17.27	/	/	10.39	/	/	<=38.45	Pass
		Inner_1RB_Right	17.37	/	/	10.49	/	/	<=38.45	Pass
	839	Edge_1RB_Left	17.25	/	/	10.37	/	/	<=38.45	Pass
		Edge_1RB_Right	17.33	/	/	10.45	/	/	<=38.45	Pass
		Outer_Full	17.66	/	/	10.78	/	/	<=38.45	Pass
		Inner_Full	17.58	/	/	10.70	/	/	<=38.45	Pass
		Inner_1RB_Left	17.31	/	/	10.43	/	/	<=38.45	Pass
		Inner_1RB_Right	17.24	/	/	10.36	/	/	<=38.45	Pass
Note1: Antenna Gain: Ant31: -4.73dBi; Note2: ERP=Conducted Power+Antenna Gain-2.15										

2. Frequency Stability

2.1 Test Result

2.1.1 15k_SISO_5MHz

5G NR n26b 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	836.5	Outer_Full	20	LV	-4.10	-0.0049	>=-2.5 & <=2.5	Pass
				HV	-3.80	-0.0045	>=-2.5 & <=2.5	Pass
			-30	NV	-3.20	-0.0038	>=-2.5 & <=2.5	Pass
			-20	NV	-2.10	-0.0025	>=-2.5 & <=2.5	Pass
			-10	NV	-5.60	-0.0067	>=-2.5 & <=2.5	Pass
			0	NV	1.90	0.0023	>=-2.5 & <=2.5	Pass
			10	NV	-2.50	-0.0030	>=-2.5 & <=2.5	Pass
			20	NV	-6.50	-0.0078	>=-2.5 & <=2.5	Pass
			30	NV	-5.80	-0.0069	>=-2.5 & <=2.5	Pass
			40	NV	-3.10	-0.0037	>=-2.5 & <=2.5	Pass

			50	NV	-2.80	-0.0033	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	836.5	Outer_Full	20	LV	-1.60	-0.0019	>=-2.5 & <=2.5	Pass
				HV	-2.80	-0.0033	>=-2.5 & <=2.5	Pass
			-30	NV	-5.00	-0.0060	>=-2.5 & <=2.5	Pass
			-20	NV	-3.00	-0.0036	>=-2.5 & <=2.5	Pass
			-10	NV	-4.20	-0.0050	>=-2.5 & <=2.5	Pass
			0	NV	0.40	0.0005	>=-2.5 & <=2.5	Pass
			10	NV	-0.70	-0.0008	>=-2.5 & <=2.5	Pass
			20	NV	-4.40	-0.0053	>=-2.5 & <=2.5	Pass
			30	NV	-4.30	-0.0051	>=-2.5 & <=2.5	Pass
			40	NV	-4.10	-0.0049	>=-2.5 & <=2.5	Pass
			50	NV	-2.20	-0.0026	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	836.5	Outer_Full	20	LV	-3.00	-0.0036	>=-2.5 & <=2.5	Pass
				HV	-0.80	-0.0010	>=-2.5 & <=2.5	Pass
			-30	NV	-3.80	-0.0045	>=-2.5 & <=2.5	Pass
			-20	NV	-6.90	-0.0082	>=-2.5 & <=2.5	Pass
			-10	NV	-5.60	-0.0067	>=-2.5 & <=2.5	Pass
			0	NV	-7.60	-0.0091	>=-2.5 & <=2.5	Pass
			10	NV	-5.00	-0.0060	>=-2.5 & <=2.5	Pass
			20	NV	-5.60	-0.0067	>=-2.5 & <=2.5	Pass
			30	NV	-2.70	-0.0032	>=-2.5 & <=2.5	Pass
			40	NV	-7.00	-0.0084	>=-2.5 & <=2.5	Pass
			50	NV	-2.00	-0.0024	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	836.5	Outer_Full	20	LV	-7.10	-0.0085	>=-2.5 & <=2.5	Pass
				HV	-5.80	-0.0069	>=-2.5 & <=2.5	Pass
			-30	NV	-5.50	-0.0066	>=-2.5 & <=2.5	Pass
			-20	NV	-4.30	-0.0051	>=-2.5 & <=2.5	Pass
			-10	NV	2.30	0.0027	>=-2.5 & <=2.5	Pass
			0	NV	-5.30	-0.0063	>=-2.5 & <=2.5	Pass
			10	NV	-6.60	-0.0079	>=-2.5 & <=2.5	Pass
			20	NV	-3.90	-0.0047	>=-2.5 & <=2.5	Pass
			30	NV	1.50	0.0018	>=-2.5 & <=2.5	Pass
			40	NV	-1.60	-0.0019	>=-2.5 & <=2.5	Pass
			50	NV	-4.40	-0.0053	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	836.5	Outer_Full	20	LV	-2.50	-0.0030	>=-2.5 & <=2.5	Pass
				HV	-5.10	-0.0061	>=-2.5 & <=2.5	Pass
			-30	NV	-5.50	-0.0066	>=-2.5 & <=2.5	Pass
			-20	NV	-3.90	-0.0047	>=-2.5 & <=2.5	Pass
			-10	NV	-4.80	-0.0057	>=-2.5 & <=2.5	Pass
			0	NV	-3.60	-0.0043	>=-2.5 & <=2.5	Pass
			10	NV	-3.00	-0.0036	>=-2.5 & <=2.5	Pass
			20	NV	-3.30	-0.0039	>=-2.5 & <=2.5	Pass
			30	NV	-2.90	-0.0035	>=-2.5 & <=2.5	Pass
			40	NV	-2.20	-0.0026	>=-2.5 & <=2.5	Pass
			50	NV	-3.20	-0.0038	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	836.5	Outer_Full	20	LV	-5.10	-0.0061	>=-2.5 & <=2.5	Pass
				HV	-5.30	-0.0063	>=-2.5 & <=2.5	Pass
			-30	NV	-5.10	-0.0061	>=-2.5 & <=2.5	Pass
			-20	NV	-3.40	-0.0041	>=-2.5 & <=2.5	Pass
			-10	NV	-1.30	-0.0016	>=-2.5 & <=2.5	Pass
			0	NV	-4.00	-0.0048	>=-2.5 & <=2.5	Pass
			10	NV	-4.40	-0.0053	>=-2.5 & <=2.5	Pass
			20	NV	-8.10	-0.0097	>=-2.5 & <=2.5	Pass
			30	NV	-6.20	-0.0074	>=-2.5 & <=2.5	Pass
			40	NV	-3.90	-0.0047	>=-2.5 & <=2.5	Pass
			50	NV	-2.30	-0.0027	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	836.5	Outer_Full	20	LV	-6.90	-0.0082	>=-2.5 & <=2.5	Pass
				HV	-5.50	-0.0066	>=-2.5 & <=2.5	Pass
			-30	NV	-3.20	-0.0038	>=-2.5 & <=2.5	Pass

			-20	NV	-3.20	-0.0038	>=-2.5 & <=2.5	Pass
			-10	NV	-4.60	-0.0055	>=-2.5 & <=2.5	Pass
			0	NV	-5.20	-0.0062	>=-2.5 & <=2.5	Pass
			10	NV	-4.40	-0.0053	>=-2.5 & <=2.5	Pass
			20	NV	-2.70	-0.0032	>=-2.5 & <=2.5	Pass
			30	NV	-2.00	-0.0024	>=-2.5 & <=2.5	Pass
			40	NV	-1.30	-0.0016	>=-2.5 & <=2.5	Pass
			50	NV	-2.00	-0.0024	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	836.5	Outer_Full	20	LV	-6.00	-0.0072	>=-2.5 & <=2.5	Pass
				HV	-6.60	-0.0079	>=-2.5 & <=2.5	Pass
			-30	NV	-6.00	-0.0072	>=-2.5 & <=2.5	Pass
			-20	NV	-6.00	-0.0072	>=-2.5 & <=2.5	Pass
			-10	NV	-4.80	-0.0057	>=-2.5 & <=2.5	Pass
			0	NV	-6.90	-0.0082	>=-2.5 & <=2.5	Pass
			10	NV	-4.50	-0.0054	>=-2.5 & <=2.5	Pass
			20	NV	-4.20	-0.0050	>=-2.5 & <=2.5	Pass
			30	NV	-6.20	-0.0074	>=-2.5 & <=2.5	Pass
			40	NV	-1.50	-0.0018	>=-2.5 & <=2.5	Pass
			50	NV	-6.70	-0.0080	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	836.5	Outer_Full	20	LV	-4.40	-0.0053	>=-2.5 & <=2.5	Pass
				HV	-4.50	-0.0054	>=-2.5 & <=2.5	Pass
			-30	NV	-5.40	-0.0065	>=-2.5 & <=2.5	Pass
			-20	NV	-3.20	-0.0038	>=-2.5 & <=2.5	Pass
			-10	NV	-3.00	-0.0036	>=-2.5 & <=2.5	Pass
			0	NV	-5.10	-0.0061	>=-2.5 & <=2.5	Pass
			10	NV	-3.00	-0.0036	>=-2.5 & <=2.5	Pass
			20	NV	-3.70	-0.0044	>=-2.5 & <=2.5	Pass
			30	NV	-3.00	-0.0036	>=-2.5 & <=2.5	Pass
			40	NV	-3.90	-0.0047	>=-2.5 & <=2.5	Pass
			50	NV	-6.60	-0.0079	>=-2.5 & <=2.5	Pass

2.1.2 15k_SISO_10MHz

5G NR n26b 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	836.5	Outer_Full	20	LV	-2.80	-0.0033	>=-2.5 & <=2.5	Pass
				HV	-5.20	-0.0062	>=-2.5 & <=2.5	Pass
			-30	NV	-5.10	-0.0061	>=-2.5 & <=2.5	Pass
			-20	NV	-5.00	-0.0060	>=-2.5 & <=2.5	Pass
			-10	NV	-3.30	-0.0039	>=-2.5 & <=2.5	Pass
			0	NV	-2.10	-0.0025	>=-2.5 & <=2.5	Pass
			10	NV	-5.10	-0.0061	>=-2.5 & <=2.5	Pass
			20	NV	-1.70	-0.0020	>=-2.5 & <=2.5	Pass
			30	NV	-3.20	-0.0038	>=-2.5 & <=2.5	Pass
			40	NV	-3.20	-0.0038	>=-2.5 & <=2.5	Pass
			50	NV	-3.80	-0.0045	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	836.5	Outer_Full	20	LV	-4.80	-0.0057	>=-2.5 & <=2.5	Pass
				HV	-3.30	-0.0039	>=-2.5 & <=2.5	Pass
			-30	NV	-5.10	-0.0061	>=-2.5 & <=2.5	Pass
			-20	NV	-5.80	-0.0069	>=-2.5 & <=2.5	Pass
			-10	NV	-2.40	-0.0029	>=-2.5 & <=2.5	Pass
			0	NV	-2.80	-0.0033	>=-2.5 & <=2.5	Pass
			10	NV	-2.60	-0.0031	>=-2.5 & <=2.5	Pass
			20	NV	-5.20	-0.0062	>=-2.5 & <=2.5	Pass
			30	NV	-3.50	-0.0042	>=-2.5 & <=2.5	Pass
			40	NV	1.20	0.0014	>=-2.5 & <=2.5	Pass

			50	NV	-3.80	-0.0045	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	836.5	Outer_Full	20	LV	-2.10	-0.0025	>=-2.5 & <=2.5	Pass
				HV	-6.40	-0.0077	>=-2.5 & <=2.5	Pass
			-30	NV	-4.10	-0.0049	>=-2.5 & <=2.5	Pass
			-20	NV	-2.70	-0.0032	>=-2.5 & <=2.5	Pass
			-10	NV	-3.50	-0.0042	>=-2.5 & <=2.5	Pass
			0	NV	-7.90	-0.0094	>=-2.5 & <=2.5	Pass
			10	NV	-3.80	-0.0045	>=-2.5 & <=2.5	Pass
			20	NV	-3.40	-0.0041	>=-2.5 & <=2.5	Pass
			30	NV	-4.60	-0.0055	>=-2.5 & <=2.5	Pass
			40	NV	-7.40	-0.0088	>=-2.5 & <=2.5	Pass
			50	NV	-1.60	-0.0019	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	836.5	Outer_Full	20	LV	-7.30	-0.0087	>=-2.5 & <=2.5	Pass
				HV	-2.00	-0.0024	>=-2.5 & <=2.5	Pass
			-30	NV	-3.20	-0.0038	>=-2.5 & <=2.5	Pass
			-20	NV	-1.80	-0.0022	>=-2.5 & <=2.5	Pass
			-10	NV	-4.90	-0.0059	>=-2.5 & <=2.5	Pass
			0	NV	-3.50	-0.0042	>=-2.5 & <=2.5	Pass
			10	NV	-5.60	-0.0067	>=-2.5 & <=2.5	Pass
			20	NV	-5.80	-0.0069	>=-2.5 & <=2.5	Pass
			30	NV	-3.10	-0.0037	>=-2.5 & <=2.5	Pass
			40	NV	-4.00	-0.0048	>=-2.5 & <=2.5	Pass
			50	NV	-5.10	-0.0061	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	836.5	Outer_Full	20	LV	-5.10	-0.0061	>=-2.5 & <=2.5	Pass
				HV	-5.70	-0.0068	>=-2.5 & <=2.5	Pass
			-30	NV	-3.70	-0.0044	>=-2.5 & <=2.5	Pass
			-20	NV	-5.80	-0.0069	>=-2.5 & <=2.5	Pass
			-10	NV	-4.50	-0.0054	>=-2.5 & <=2.5	Pass
			0	NV	-4.10	-0.0049	>=-2.5 & <=2.5	Pass
			10	NV	-3.30	-0.0039	>=-2.5 & <=2.5	Pass
			20	NV	-2.90	-0.0035	>=-2.5 & <=2.5	Pass
			30	NV	-5.40	-0.0065	>=-2.5 & <=2.5	Pass
			40	NV	-3.70	-0.0044	>=-2.5 & <=2.5	Pass
			50	NV	-3.30	-0.0039	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	836.5	Outer_Full	20	LV	-2.60	-0.0031	>=-2.5 & <=2.5	Pass
				HV	-4.90	-0.0059	>=-2.5 & <=2.5	Pass
			-30	NV	-5.80	-0.0069	>=-2.5 & <=2.5	Pass
			-20	NV	-3.30	-0.0039	>=-2.5 & <=2.5	Pass
			-10	NV	-6.00	-0.0072	>=-2.5 & <=2.5	Pass
			0	NV	-2.60	-0.0031	>=-2.5 & <=2.5	Pass
			10	NV	-2.30	-0.0027	>=-2.5 & <=2.5	Pass
			20	NV	-9.00	-0.0108	>=-2.5 & <=2.5	Pass
			30	NV	-5.80	-0.0069	>=-2.5 & <=2.5	Pass
			40	NV	-3.70	-0.0044	>=-2.5 & <=2.5	Pass
			50	NV	-4.00	-0.0048	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	836.5	Outer_Full	20	LV	-3.10	-0.0037	>=-2.5 & <=2.5	Pass
				HV	-3.90	-0.0047	>=-2.5 & <=2.5	Pass
			-30	NV	-3.50	-0.0042	>=-2.5 & <=2.5	Pass
			-20	NV	-4.70	-0.0056	>=-2.5 & <=2.5	Pass
			-10	NV	-6.80	-0.0081	>=-2.5 & <=2.5	Pass
			0	NV	-4.10	-0.0049	>=-2.5 & <=2.5	Pass
			10	NV	-5.30	-0.0063	>=-2.5 & <=2.5	Pass
			20	NV	-6.40	-0.0077	>=-2.5 & <=2.5	Pass
			30	NV	-3.20	-0.0038	>=-2.5 & <=2.5	Pass
			40	NV	1.90	0.0023	>=-2.5 & <=2.5	Pass
			50	NV	-4.60	-0.0055	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	836.5	Outer_Full	20	LV	-5.20	-0.0062	>=-2.5 & <=2.5	Pass
				HV	-1.80	-0.0022	>=-2.5 & <=2.5	Pass
			-30	NV	-1.70	-0.0020	>=-2.5 & <=2.5	Pass

			-20	NV	-6.90	-0.0082	>=-2.5 & <=2.5	Pass
			-10	NV	-5.10	-0.0061	>=-2.5 & <=2.5	Pass
			0	NV	-4.00	-0.0048	>=-2.5 & <=2.5	Pass
			10	NV	-7.90	-0.0094	>=-2.5 & <=2.5	Pass
			20	NV	-7.10	-0.0085	>=-2.5 & <=2.5	Pass
			30	NV	-3.10	-0.0037	>=-2.5 & <=2.5	Pass
			40	NV	-6.00	-0.0072	>=-2.5 & <=2.5	Pass
			50	NV	-8.10	-0.0097	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	836.5	Outer_Full	20	LV	-5.10	-0.0061	>=-2.5 & <=2.5	Pass
				HV	-6.80	-0.0081	>=-2.5 & <=2.5	Pass
			-30	NV	-6.10	-0.0073	>=-2.5 & <=2.5	Pass
			-20	NV	-6.60	-0.0079	>=-2.5 & <=2.5	Pass
			-10	NV	-5.20	-0.0062	>=-2.5 & <=2.5	Pass
			0	NV	-5.80	-0.0069	>=-2.5 & <=2.5	Pass
			10	NV	-2.50	-0.0030	>=-2.5 & <=2.5	Pass
			20	NV	-7.30	-0.0087	>=-2.5 & <=2.5	Pass
			30	NV	-4.70	-0.0056	>=-2.5 & <=2.5	Pass
			40	NV	-6.50	-0.0078	>=-2.5 & <=2.5	Pass
			50	NV	-4.60	-0.0055	>=-2.5 & <=2.5	Pass

2.1.3 15k_SISO_15MHz

5G NR n26b 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	836.5	Outer_Full	20	LV	-2.80	-0.0033	>=-2.5 & <=2.5	Pass
				HV	-4.40	-0.0053	>=-2.5 & <=2.5	Pass
			-30	NV	-8.60	-0.0103	>=-2.5 & <=2.5	Pass
			-20	NV	-3.40	-0.0041	>=-2.5 & <=2.5	Pass
			-10	NV	-3.80	-0.0045	>=-2.5 & <=2.5	Pass
			0	NV	1.80	0.0022	>=-2.5 & <=2.5	Pass
			10	NV	-6.10	-0.0073	>=-2.5 & <=2.5	Pass
			20	NV	-5.60	-0.0067	>=-2.5 & <=2.5	Pass
			30	NV	-5.90	-0.0071	>=-2.5 & <=2.5	Pass
			40	NV	-1.60	-0.0019	>=-2.5 & <=2.5	Pass
			50	NV	-2.40	-0.0029	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	836.5	Outer_Full	20	LV	-5.40	-0.0065	>=-2.5 & <=2.5	Pass
				HV	-3.70	-0.0044	>=-2.5 & <=2.5	Pass
			-30	NV	-2.90	-0.0035	>=-2.5 & <=2.5	Pass
			-20	NV	-5.10	-0.0061	>=-2.5 & <=2.5	Pass
			-10	NV	-6.60	-0.0079	>=-2.5 & <=2.5	Pass
			0	NV	-3.60	-0.0043	>=-2.5 & <=2.5	Pass
			10	NV	-4.10	-0.0049	>=-2.5 & <=2.5	Pass
			20	NV	-4.60	-0.0055	>=-2.5 & <=2.5	Pass
			30	NV	-4.80	-0.0057	>=-2.5 & <=2.5	Pass
			40	NV	-6.70	-0.0080	>=-2.5 & <=2.5	Pass
			50	NV	-5.20	-0.0062	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	836.5	Outer_Full	20	LV	-5.30	-0.0063	>=-2.5 & <=2.5	Pass
				HV	-4.20	-0.0050	>=-2.5 & <=2.5	Pass
			-30	NV	-2.10	-0.0025	>=-2.5 & <=2.5	Pass
			-20	NV	-5.70	-0.0068	>=-2.5 & <=2.5	Pass
			-10	NV	-6.10	-0.0073	>=-2.5 & <=2.5	Pass
			0	NV	-4.20	-0.0050	>=-2.5 & <=2.5	Pass
			10	NV	0.30	0.0004	>=-2.5 & <=2.5	Pass
			20	NV	-3.00	-0.0036	>=-2.5 & <=2.5	Pass
			30	NV	-3.30	-0.0039	>=-2.5 & <=2.5	Pass
			40	NV	-1.70	-0.0020	>=-2.5 & <=2.5	Pass

			50	NV	-8.50	-0.0102	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	836.5	Outer_Full	20	LV	0.30	0.0004	>=-2.5 & <=2.5	Pass
				HV	-2.50	-0.0030	>=-2.5 & <=2.5	Pass
			-30	NV	-3.10	-0.0037	>=-2.5 & <=2.5	Pass
			-20	NV	-5.80	-0.0069	>=-2.5 & <=2.5	Pass
			-10	NV	-7.70	-0.0092	>=-2.5 & <=2.5	Pass
			0	NV	-4.00	-0.0048	>=-2.5 & <=2.5	Pass
			10	NV	-4.10	-0.0049	>=-2.5 & <=2.5	Pass
			20	NV	-2.70	-0.0032	>=-2.5 & <=2.5	Pass
			30	NV	-4.50	-0.0054	>=-2.5 & <=2.5	Pass
			40	NV	-4.90	-0.0059	>=-2.5 & <=2.5	Pass
			50	NV	-6.40	-0.0077	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	836.5	Outer_Full	20	LV	-2.80	-0.0033	>=-2.5 & <=2.5	Pass
				HV	-4.50	-0.0054	>=-2.5 & <=2.5	Pass
			-30	NV	-3.90	-0.0047	>=-2.5 & <=2.5	Pass
			-20	NV	-4.90	-0.0059	>=-2.5 & <=2.5	Pass
			-10	NV	-4.40	-0.0053	>=-2.5 & <=2.5	Pass
			0	NV	-4.40	-0.0053	>=-2.5 & <=2.5	Pass
			10	NV	-2.20	-0.0026	>=-2.5 & <=2.5	Pass
			20	NV	-2.80	-0.0033	>=-2.5 & <=2.5	Pass
			30	NV	-2.30	-0.0027	>=-2.5 & <=2.5	Pass
			40	NV	-1.60	-0.0019	>=-2.5 & <=2.5	Pass
			50	NV	-4.00	-0.0048	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	836.5	Outer_Full	20	LV	-5.10	-0.0061	>=-2.5 & <=2.5	Pass
				HV	-6.20	-0.0074	>=-2.5 & <=2.5	Pass
			-30	NV	-1.30	-0.0016	>=-2.5 & <=2.5	Pass
			-20	NV	-3.60	-0.0043	>=-2.5 & <=2.5	Pass
			-10	NV	-4.60	-0.0055	>=-2.5 & <=2.5	Pass
			0	NV	-2.70	-0.0032	>=-2.5 & <=2.5	Pass
			10	NV	-7.60	-0.0091	>=-2.5 & <=2.5	Pass
			20	NV	-6.40	-0.0077	>=-2.5 & <=2.5	Pass
			30	NV	-3.90	-0.0047	>=-2.5 & <=2.5	Pass
			40	NV	-5.90	-0.0071	>=-2.5 & <=2.5	Pass
			50	NV	-3.40	-0.0041	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	836.5	Outer_Full	20	LV	-6.20	-0.0074	>=-2.5 & <=2.5	Pass
				HV	-6.30	-0.0075	>=-2.5 & <=2.5	Pass
			-30	NV	-2.20	-0.0026	>=-2.5 & <=2.5	Pass
			-20	NV	1.70	0.0020	>=-2.5 & <=2.5	Pass
			-10	NV	-3.10	-0.0037	>=-2.5 & <=2.5	Pass
			0	NV	-2.10	-0.0025	>=-2.5 & <=2.5	Pass
			10	NV	-6.20	-0.0074	>=-2.5 & <=2.5	Pass
			20	NV	-4.90	-0.0059	>=-2.5 & <=2.5	Pass
			30	NV	-7.40	-0.0088	>=-2.5 & <=2.5	Pass
			40	NV	-2.60	-0.0031	>=-2.5 & <=2.5	Pass
			50	NV	-5.20	-0.0062	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	836.5	Outer_Full	20	LV	-3.60	-0.0043	>=-2.5 & <=2.5	Pass
				HV	-5.70	-0.0068	>=-2.5 & <=2.5	Pass
			-30	NV	-6.50	-0.0078	>=-2.5 & <=2.5	Pass
			-20	NV	-4.40	-0.0053	>=-2.5 & <=2.5	Pass
			-10	NV	-5.80	-0.0069	>=-2.5 & <=2.5	Pass
			0	NV	-3.40	-0.0041	>=-2.5 & <=2.5	Pass
			10	NV	-6.40	-0.0077	>=-2.5 & <=2.5	Pass
			20	NV	-2.90	-0.0035	>=-2.5 & <=2.5	Pass
			30	NV	-3.40	-0.0041	>=-2.5 & <=2.5	Pass
			40	NV	-6.30	-0.0075	>=-2.5 & <=2.5	Pass
			50	NV	-2.00	-0.0024	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	836.5	Outer_Full	20	LV	-1.40	-0.0017	>=-2.5 & <=2.5	Pass
				HV	-5.50	-0.0066	>=-2.5 & <=2.5	Pass
			-30	NV	-2.30	-0.0027	>=-2.5 & <=2.5	Pass

			-20	NV	1.90	0.0023	>=-2.5 & <=2.5	Pass
			-10	NV	-3.70	-0.0044	>=-2.5 & <=2.5	Pass
			0	NV	-3.50	-0.0042	>=-2.5 & <=2.5	Pass
			10	NV	-3.00	-0.0036	>=-2.5 & <=2.5	Pass
			20	NV	-4.10	-0.0049	>=-2.5 & <=2.5	Pass
			30	NV	-10.90	-0.0130	>=-2.5 & <=2.5	Pass
			40	NV	-8.00	-0.0096	>=-2.5 & <=2.5	Pass
			50	NV	-3.50	-0.0042	>=-2.5 & <=2.5	Pass

2.1.4 15k_SISO_20MHz

5G NR n26b 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	836.5	Outer_Full	20	LV	-9.50	-0.0114	>=-2.5 & <=2.5	Pass
				HV	-5.90	-0.0071	>=-2.5 & <=2.5	Pass
			-30	NV	-7.10	-0.0085	>=-2.5 & <=2.5	Pass
			-20	NV	-10.70	-0.0128	>=-2.5 & <=2.5	Pass
			-10	NV	-7.60	-0.0091	>=-2.5 & <=2.5	Pass
			0	NV	-9.40	-0.0112	>=-2.5 & <=2.5	Pass
			10	NV	-9.70	-0.0116	>=-2.5 & <=2.5	Pass
			20	NV	-10.10	-0.0121	>=-2.5 & <=2.5	Pass
			30	NV	-9.40	-0.0112	>=-2.5 & <=2.5	Pass
			40	NV	-11.30	-0.0135	>=-2.5 & <=2.5	Pass
			50	NV	-6.80	-0.0081	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	836.5	Outer_Full	20	LV	-9.30	-0.0111	>=-2.5 & <=2.5	Pass
				HV	-8.60	-0.0103	>=-2.5 & <=2.5	Pass
			-30	NV	-12.40	-0.0148	>=-2.5 & <=2.5	Pass
			-20	NV	-10.80	-0.0129	>=-2.5 & <=2.5	Pass
			-10	NV	-10.80	-0.0129	>=-2.5 & <=2.5	Pass
			0	NV	-9.50	-0.0114	>=-2.5 & <=2.5	Pass
			10	NV	-8.90	-0.0106	>=-2.5 & <=2.5	Pass
			20	NV	-11.20	-0.0134	>=-2.5 & <=2.5	Pass
			30	NV	-11.10	-0.0133	>=-2.5 & <=2.5	Pass
			40	NV	-9.10	-0.0109	>=-2.5 & <=2.5	Pass
			50	NV	-8.40	-0.0100	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	836.5	Outer_Full	20	LV	-8.40	-0.0100	>=-2.5 & <=2.5	Pass
				HV	-8.40	-0.0100	>=-2.5 & <=2.5	Pass
			-30	NV	-8.90	-0.0106	>=-2.5 & <=2.5	Pass
			-20	NV	-9.90	-0.0118	>=-2.5 & <=2.5	Pass
			-10	NV	-9.30	-0.0111	>=-2.5 & <=2.5	Pass
			0	NV	-5.70	-0.0068	>=-2.5 & <=2.5	Pass
			10	NV	-5.60	-0.0067	>=-2.5 & <=2.5	Pass
			20	NV	-11.70	-0.0140	>=-2.5 & <=2.5	Pass
			30	NV	-8.80	-0.0105	>=-2.5 & <=2.5	Pass
			40	NV	-9.00	-0.0108	>=-2.5 & <=2.5	Pass
			50	NV	-10.10	-0.0121	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	836.5	Outer_Full	20	LV	-9.70	-0.0116	>=-2.5 & <=2.5	Pass
				HV	-11.90	-0.0142	>=-2.5 & <=2.5	Pass
			-30	NV	-9.40	-0.0112	>=-2.5 & <=2.5	Pass
			-20	NV	-9.50	-0.0114	>=-2.5 & <=2.5	Pass
			-10	NV	-9.50	-0.0114	>=-2.5 & <=2.5	Pass
			0	NV	-10.00	-0.0120	>=-2.5 & <=2.5	Pass
			10	NV	-7.00	-0.0084	>=-2.5 & <=2.5	Pass
			20	NV	-11.20	-0.0134	>=-2.5 & <=2.5	Pass
			30	NV	-9.20	-0.0110	>=-2.5 & <=2.5	Pass
			40	NV	-7.30	-0.0087	>=-2.5 & <=2.5	Pass

			50	NV	-8.40	-0.0100	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	836.5	Outer_Full	20	LV	-3.40	-0.0041	>=-2.5 & <=2.5	Pass
				HV	-1.70	-0.0020	>=-2.5 & <=2.5	Pass
			-30	NV	-3.00	-0.0036	>=-2.5 & <=2.5	Pass
			-20	NV	-5.80	-0.0069	>=-2.5 & <=2.5	Pass
			-10	NV	0.90	0.0011	>=-2.5 & <=2.5	Pass
			0	NV	-6.60	-0.0079	>=-2.5 & <=2.5	Pass
			10	NV	-7.00	-0.0084	>=-2.5 & <=2.5	Pass
			20	NV	-2.70	-0.0032	>=-2.5 & <=2.5	Pass
			30	NV	-5.10	-0.0061	>=-2.5 & <=2.5	Pass
			40	NV	-2.10	-0.0025	>=-2.5 & <=2.5	Pass
			50	NV	-1.50	-0.0018	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	836.5	Outer_Full	20	LV	-4.70	-0.0056	>=-2.5 & <=2.5	Pass
				HV	-4.80	-0.0057	>=-2.5 & <=2.5	Pass
			-30	NV	-4.60	-0.0055	>=-2.5 & <=2.5	Pass
			-20	NV	-3.30	-0.0039	>=-2.5 & <=2.5	Pass
			-10	NV	-3.10	-0.0037	>=-2.5 & <=2.5	Pass
			0	NV	-2.70	-0.0032	>=-2.5 & <=2.5	Pass
			10	NV	-5.00	-0.0060	>=-2.5 & <=2.5	Pass
			20	NV	-5.00	-0.0060	>=-2.5 & <=2.5	Pass
			30	NV	-4.10	-0.0049	>=-2.5 & <=2.5	Pass
			40	NV	-4.50	-0.0054	>=-2.5 & <=2.5	Pass
			50	NV	-6.70	-0.0080	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	836.5	Outer_Full	20	LV	-3.50	-0.0042	>=-2.5 & <=2.5	Pass
				HV	-4.20	-0.0050	>=-2.5 & <=2.5	Pass
			-30	NV	-3.00	-0.0036	>=-2.5 & <=2.5	Pass
			-20	NV	-4.70	-0.0056	>=-2.5 & <=2.5	Pass
			-10	NV	-1.30	-0.0016	>=-2.5 & <=2.5	Pass
			0	NV	-5.50	-0.0066	>=-2.5 & <=2.5	Pass
			10	NV	-5.40	-0.0065	>=-2.5 & <=2.5	Pass
			20	NV	-4.90	-0.0059	>=-2.5 & <=2.5	Pass
			30	NV	-3.90	-0.0047	>=-2.5 & <=2.5	Pass
			40	NV	-5.90	-0.0071	>=-2.5 & <=2.5	Pass
			50	NV	-1.20	-0.0014	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	836.5	Outer_Full	20	LV	-6.90	-0.0082	>=-2.5 & <=2.5	Pass
				HV	-4.60	-0.0055	>=-2.5 & <=2.5	Pass
			-30	NV	-4.30	-0.0051	>=-2.5 & <=2.5	Pass
			-20	NV	-8.00	-0.0096	>=-2.5 & <=2.5	Pass
			-10	NV	-2.90	-0.0035	>=-2.5 & <=2.5	Pass
			0	NV	-2.60	-0.0031	>=-2.5 & <=2.5	Pass
			10	NV	-1.90	-0.0023	>=-2.5 & <=2.5	Pass
			20	NV	-8.70	-0.0104	>=-2.5 & <=2.5	Pass
			30	NV	-6.30	-0.0075	>=-2.5 & <=2.5	Pass
			40	NV	-6.90	-0.0082	>=-2.5 & <=2.5	Pass
			50	NV	-5.40	-0.0065	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	836.5	Outer_Full	20	LV	-3.90	-0.0047	>=-2.5 & <=2.5	Pass
				HV	-4.50	-0.0054	>=-2.5 & <=2.5	Pass
			-30	NV	-3.00	-0.0036	>=-2.5 & <=2.5	Pass
			-20	NV	-3.80	-0.0045	>=-2.5 & <=2.5	Pass
			-10	NV	-2.10	-0.0025	>=-2.5 & <=2.5	Pass
			0	NV	-2.50	-0.0030	>=-2.5 & <=2.5	Pass
			10	NV	-7.00	-0.0084	>=-2.5 & <=2.5	Pass
			20	NV	-5.60	-0.0067	>=-2.5 & <=2.5	Pass
			30	NV	-4.70	-0.0056	>=-2.5 & <=2.5	Pass
			40	NV	-2.60	-0.0031	>=-2.5 & <=2.5	Pass
			50	NV	-4.60	-0.0055	>=-2.5 & <=2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 15k_SISO_5MHz_NTNV

5G NR n26b SCS=15kHz SISO 5MHz NTNV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	826.5	Outer_Full	4.59	5.32	/	Pass
	836.5	Outer_Full	4.56	5.26	/	Pass
	846.5	Outer_Full	4.58	5.33	/	Pass
DFT-s-OFDM QPSK	826.5	Outer_Full	4.55	5.29	/	Pass
	836.5	Outer_Full	4.57	5.45	/	Pass
	846.5	Outer_Full	4.54	5.25	/	Pass
DFT-s-OFDM 16 QAM	826.5	Outer_Full	4.60	5.44	/	Pass
	836.5	Outer_Full	4.58	5.37	/	Pass
	846.5	Outer_Full	4.62	5.44	/	Pass
DFT-s-OFDM 64 QAM	826.5	Outer_Full	4.54	5.18	/	Pass
	836.5	Outer_Full	4.58	5.38	/	Pass
	846.5	Outer_Full	4.58	5.29	/	Pass
DFT-s-OFDM 256 QAM	826.5	Outer_Full	4.60	5.41	/	Pass
	836.5	Outer_Full	4.62	5.51	/	Pass
	846.5	Outer_Full	4.58	5.39	/	Pass
CP-OFDM QPSK	826.5	Outer_Full	4.55	5.39	/	Pass
	836.5	Outer_Full	4.54	5.46	/	Pass
	846.5	Outer_Full	4.55	5.37	/	Pass
CP-OFDM 16 QAM	826.5	Outer_Full	4.58	5.42	/	Pass
	836.5	Outer_Full	4.62	5.40	/	Pass
	846.5	Outer_Full	4.58	5.38	/	Pass
CP-OFDM 64 QAM	826.5	Outer_Full	4.54	5.31	/	Pass
	836.5	Outer_Full	4.52	5.23	/	Pass
	846.5	Outer_Full	4.55	5.35	/	Pass
CP-OFDM 256 QAM	826.5	Outer_Full	4.56	5.36	/	Pass
	836.5	Outer_Full	4.58	5.37	/	Pass
	846.5	Outer_Full	4.57	5.39	/	Pass

3.1.2 15k_SISO_10MHz_NTNV

5G NR n26b SCS=15kHz SISO 10MHz NTNV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	829	Outer_Full	9.05	9.96	/	Pass
	836.5	Outer_Full	9.04	9.95	/	Pass
	844	Outer_Full	9.05	9.96	/	Pass
DFT-s-OFDM QPSK	829	Outer_Full	9.09	10.04	/	Pass
	836.5	Outer_Full	9.08	10.11	/	Pass
	844	Outer_Full	9.07	10.10	/	Pass
DFT-s-OFDM 16 QAM	829	Outer_Full	9.06	10.01	/	Pass
	836.5	Outer_Full	9.06	9.95	/	Pass
	844	Outer_Full	9.05	10.01	/	Pass
DFT-s-OFDM 64 QAM	829	Outer_Full	9.07	9.98	/	Pass
	836.5	Outer_Full	9.08	10.02	/	Pass
	844	Outer_Full	9.07	9.96	/	Pass
DFT-s-OFDM 256 QAM	829	Outer_Full	9.05	10.01	/	Pass
	836.5	Outer_Full	9.05	9.90	/	Pass

	844	Outer_Full	9.06	9.97	/	Pass
CP-OFDM QPSK	829	Outer_Full	9.40	10.46	/	Pass
	836.5	Outer_Full	9.38	10.38	/	Pass
	844	Outer_Full	9.37	10.39	/	Pass
CP-OFDM 16 QAM	829	Outer_Full	9.40	10.41	/	Pass
	836.5	Outer_Full	9.40	10.41	/	Pass
	844	Outer_Full	9.41	10.32	/	Pass
CP-OFDM 64 QAM	829	Outer_Full	9.37	10.29	/	Pass
	836.5	Outer_Full	9.36	10.33	/	Pass
	844	Outer_Full	9.33	10.31	/	Pass
CP-OFDM 256 QAM	829	Outer_Full	9.39	10.44	/	Pass
	836.5	Outer_Full	9.39	10.39	/	Pass
	844	Outer_Full	9.38	10.39	/	Pass

3.1.3 15k_SISO_15MHz_NTNV

5G NR n26b SCS=15kHz SISO 15MHz NTNV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	831.5	Outer_Full	13.60	14.86	/	Pass
	836.5	Outer_Full	13.59	14.80	/	Pass
	841.5	Outer_Full	13.57	14.69	/	Pass
DFT-s-OFDM QPSK	831.5	Outer_Full	13.66	14.96	/	Pass
	836.5	Outer_Full	13.66	14.91	/	Pass
	841.5	Outer_Full	13.61	14.91	/	Pass
DFT-s-OFDM 16 QAM	831.5	Outer_Full	13.64	14.88	/	Pass
	836.5	Outer_Full	13.63	14.82	/	Pass
	841.5	Outer_Full	13.61	14.87	/	Pass
DFT-s-OFDM 64 QAM	831.5	Outer_Full	13.58	14.82	/	Pass
	836.5	Outer_Full	13.55	14.80	/	Pass
	841.5	Outer_Full	13.53	14.85	/	Pass
DFT-s-OFDM 256 QAM	831.5	Outer_Full	13.60	14.85	/	Pass
	836.5	Outer_Full	13.63	14.77	/	Pass
	841.5	Outer_Full	13.61	14.66	/	Pass
CP-OFDM QPSK	831.5	Outer_Full	14.26	15.53	/	Pass
	836.5	Outer_Full	14.29	15.50	/	Pass
	841.5	Outer_Full	14.27	15.51	/	Pass
CP-OFDM 16 QAM	831.5	Outer_Full	14.28	15.54	/	Pass
	836.5	Outer_Full	14.24	15.51	/	Pass
	841.5	Outer_Full	14.26	15.50	/	Pass
CP-OFDM 64 QAM	831.5	Outer_Full	14.31	15.56	/	Pass
	836.5	Outer_Full	14.28	15.53	/	Pass
	841.5	Outer_Full	14.23	15.44	/	Pass
CP-OFDM 256 QAM	831.5	Outer_Full	14.27	15.50	/	Pass
	836.5	Outer_Full	14.24	15.51	/	Pass
	841.5	Outer_Full	14.25	15.44	/	Pass

3.1.4 15k_SISO_20MHz_NTNV

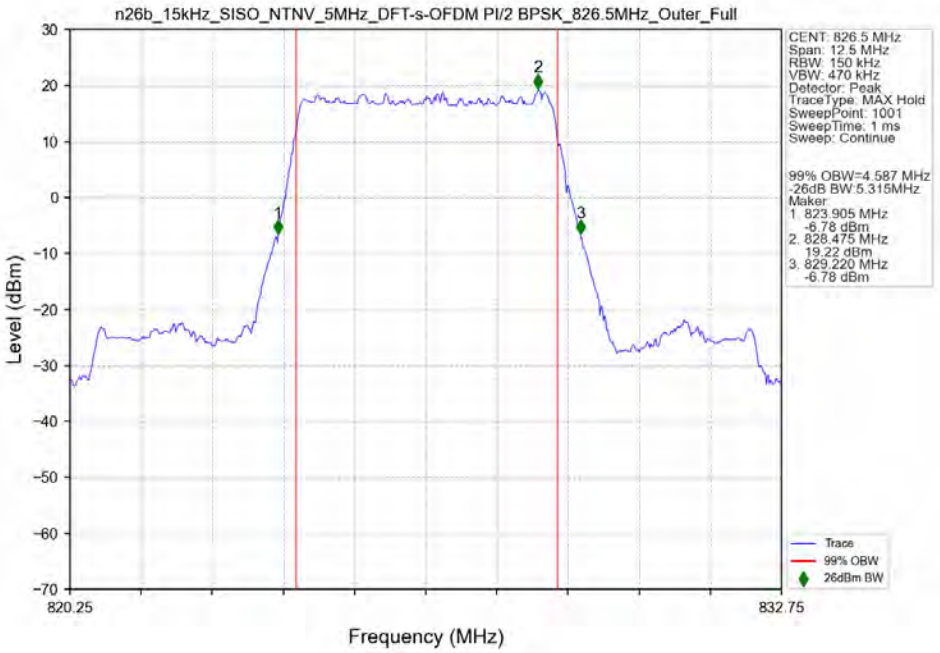
5G NR n26b SCS=15kHz SISO 20MHz NTNV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	834	Outer_Full	18.09	19.44	/	Pass
	836.5	Outer_Full	18.08	19.41	/	Pass
	839	Outer_Full	18.06	19.41	/	Pass
DFT-s-OFDM QPSK	834	Outer_Full	18.05	19.53	/	Pass

	836.5	Outer_Full	18.02	19.59	/	Pass
	839	Outer_Full	18.00	19.55	/	Pass
DFT-s-OFDM 16 QAM	834	Outer_Full	18.08	19.61	/	Pass
	836.5	Outer_Full	18.07	19.53	/	Pass
	839	Outer_Full	18.06	19.60	/	Pass
DFT-s-OFDM 64 QAM	834	Outer_Full	18.14	19.57	/	Pass
	836.5	Outer_Full	18.10	19.55	/	Pass
	839	Outer_Full	18.08	19.55	/	Pass
DFT-s-OFDM 256 QAM	834	Outer_Full	18.04	19.55	/	Pass
	836.5	Outer_Full	18.04	19.62	/	Pass
	839	Outer_Full	17.98	19.55	/	Pass
CP-OFDM QPSK	834	Outer_Full	19.09	20.64	/	Pass
	836.5	Outer_Full	19.04	20.62	/	Pass
	839	Outer_Full	19.01	20.61	/	Pass
CP-OFDM 16 QAM	834	Outer_Full	19.18	20.57	/	Pass
	836.5	Outer_Full	19.15	20.57	/	Pass
	839	Outer_Full	19.13	20.52	/	Pass
CP-OFDM 64 QAM	834	Outer_Full	19.12	20.61	/	Pass
	836.5	Outer_Full	19.11	20.52	/	Pass
	839	Outer_Full	19.07	20.50	/	Pass
CP-OFDM 256 QAM	834	Outer_Full	19.09	20.53	/	Pass
	836.5	Outer_Full	19.05	20.58	/	Pass
	839	Outer_Full	19.07	20.65	/	Pass

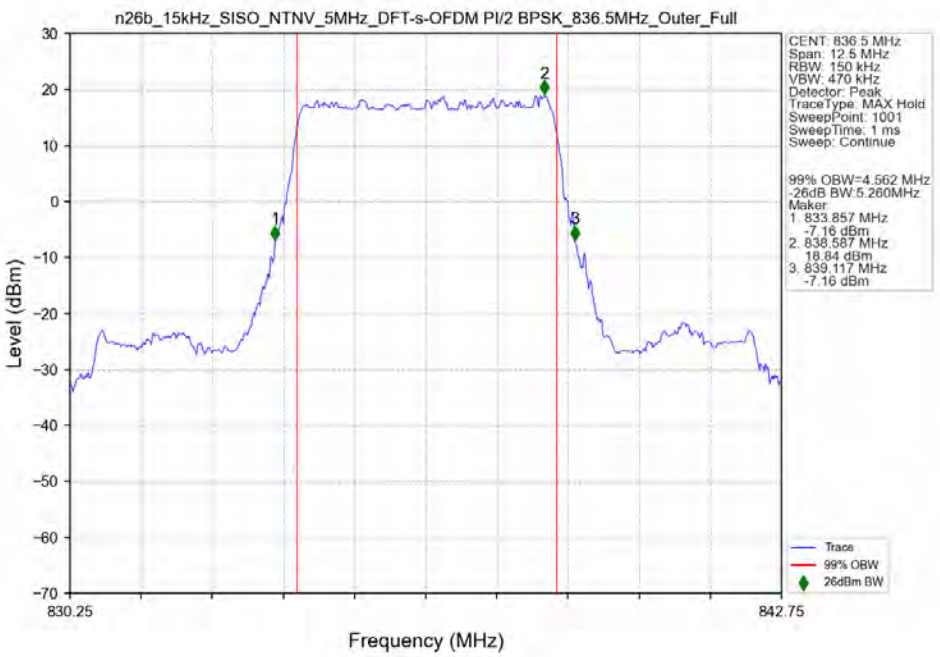
3.2 Test Graph

3.2.1 15k_SISO_5MHz_NTNV

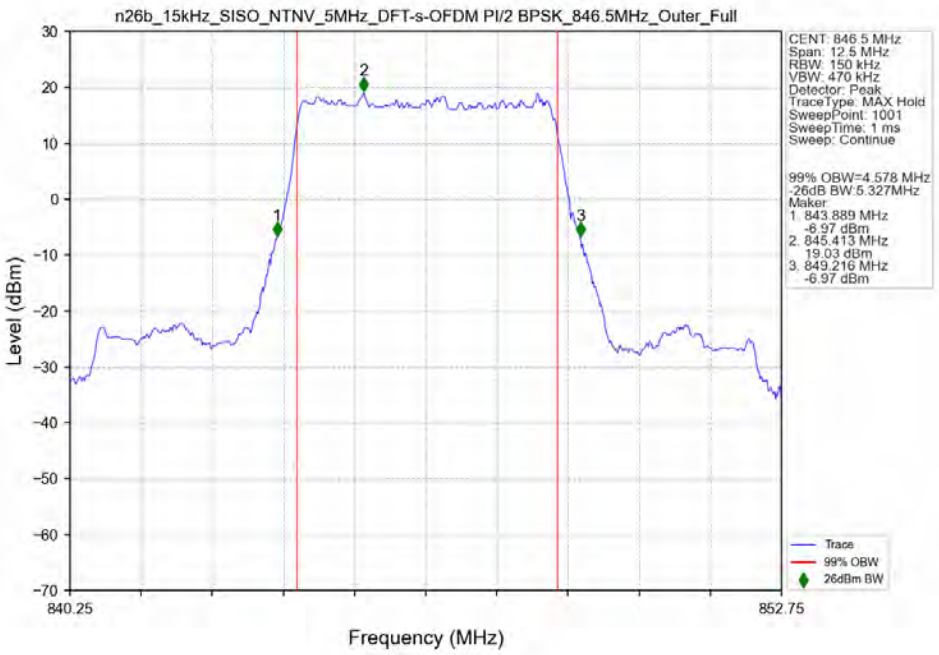
n26b_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_826.5MHz_Outer_Full_Ant31



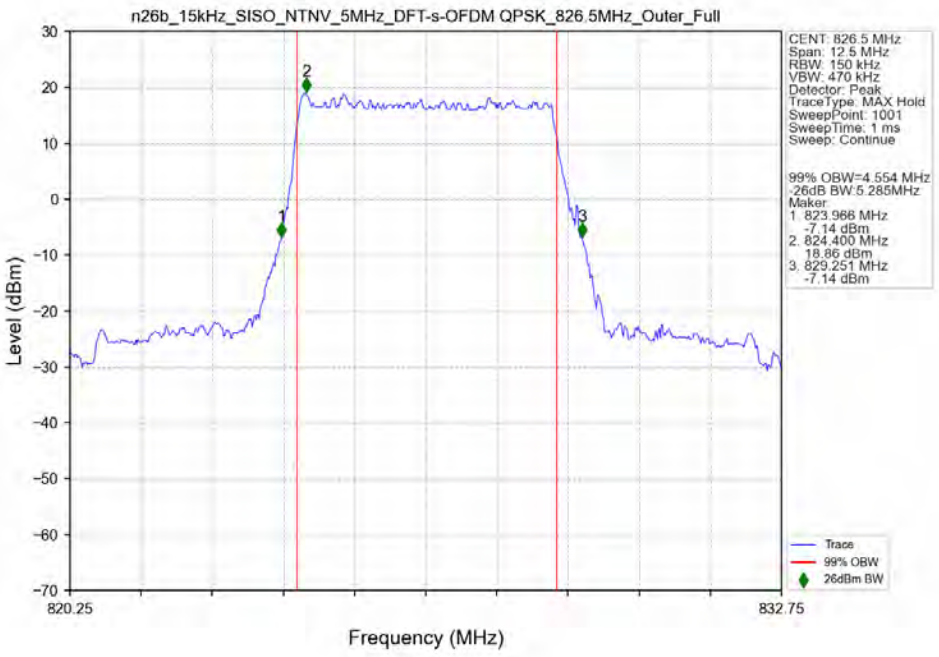
n26b_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_836.5MHz_Outer_Full_Ant31



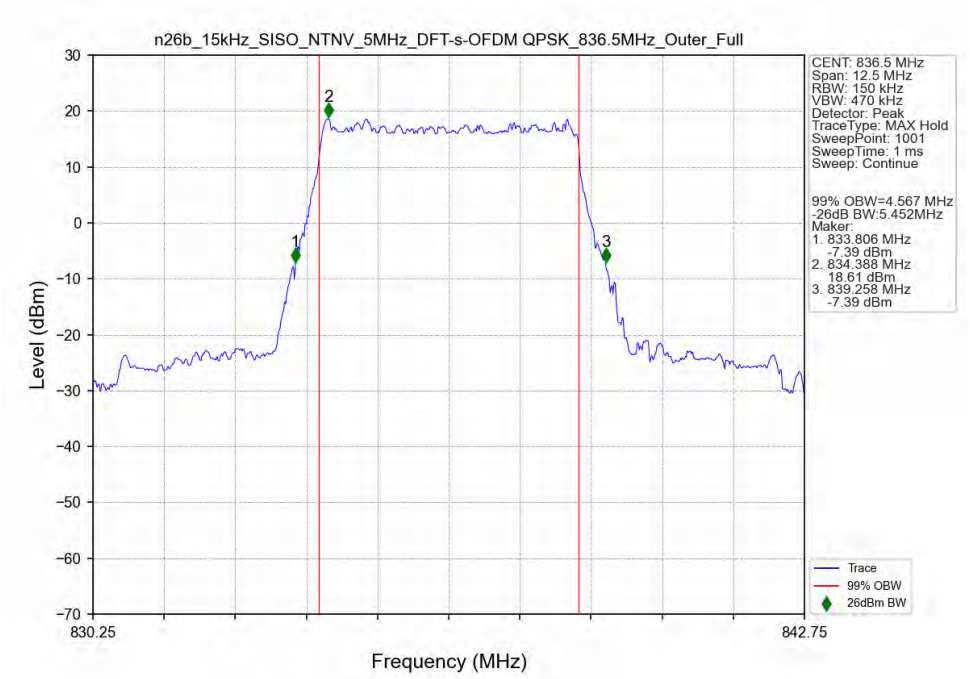
n26b_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_846.5MHz_Outer_Full_Ant31



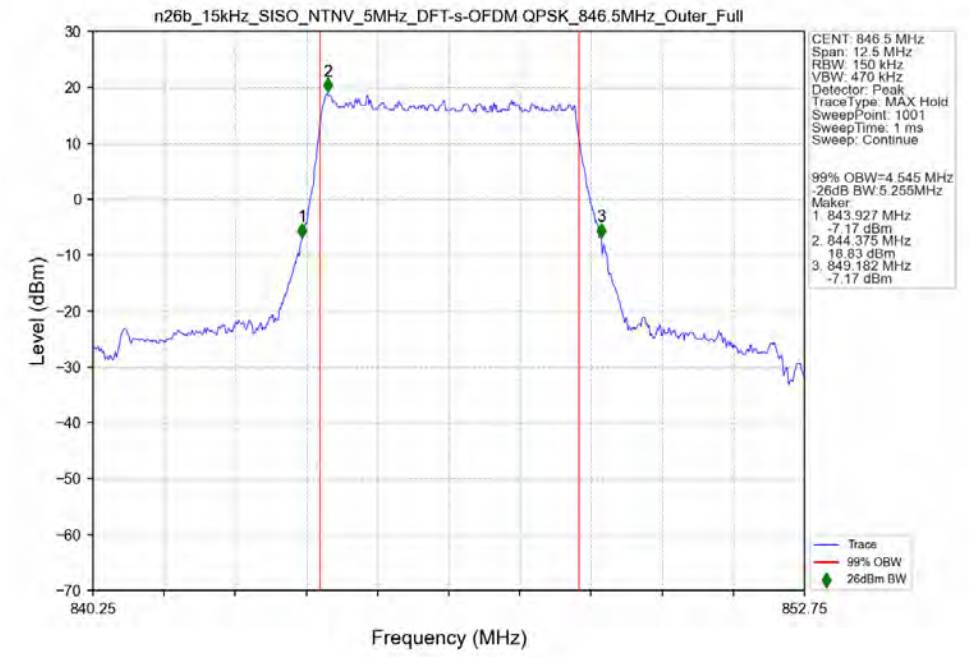
n26b_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_826.5MHz_Outer_Full_Ant31



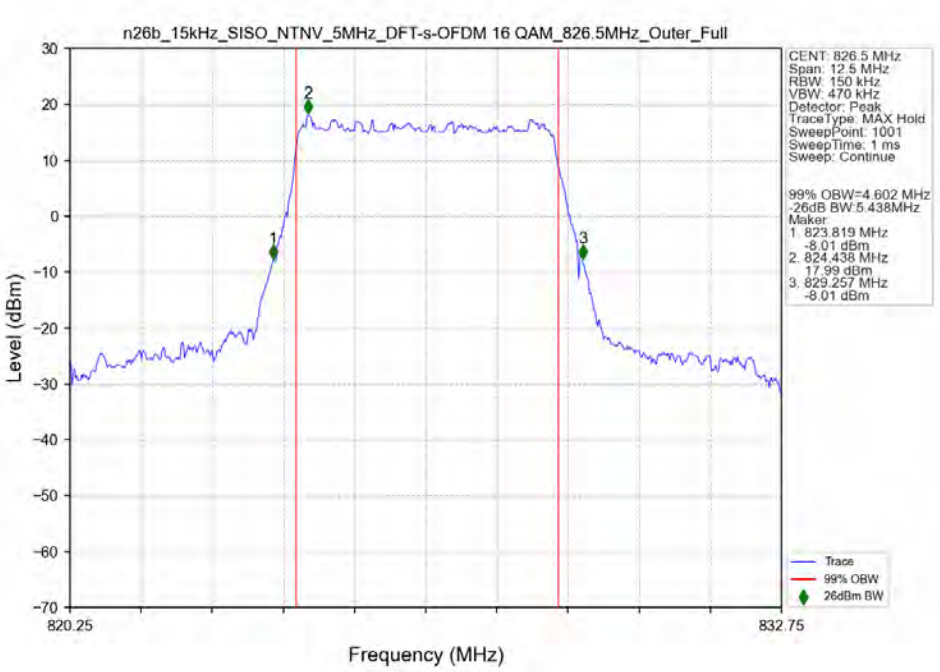
n26b_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_836.5MHz_Outer_Full_Ant31



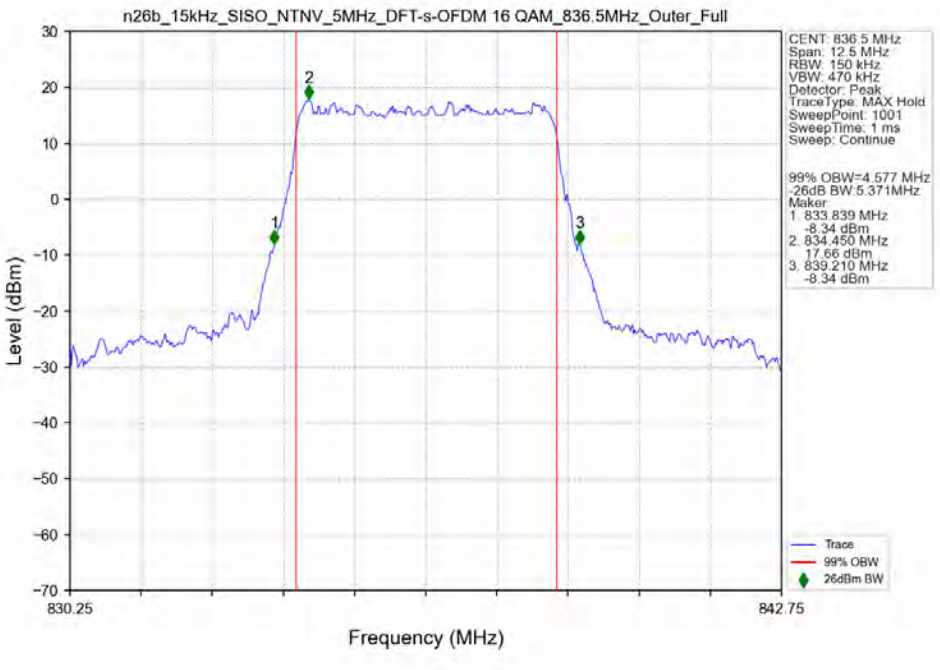
n26b_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_846.5MHz_Outer_Full_Ant31



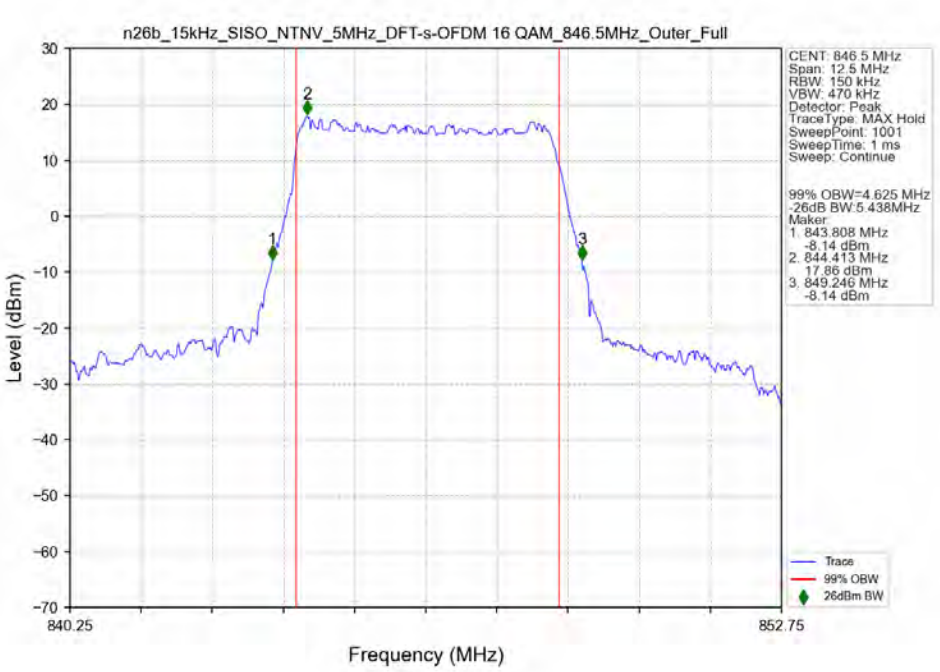
n26b_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 16 QAM_826.5MHz_Outer_Full_Ant31



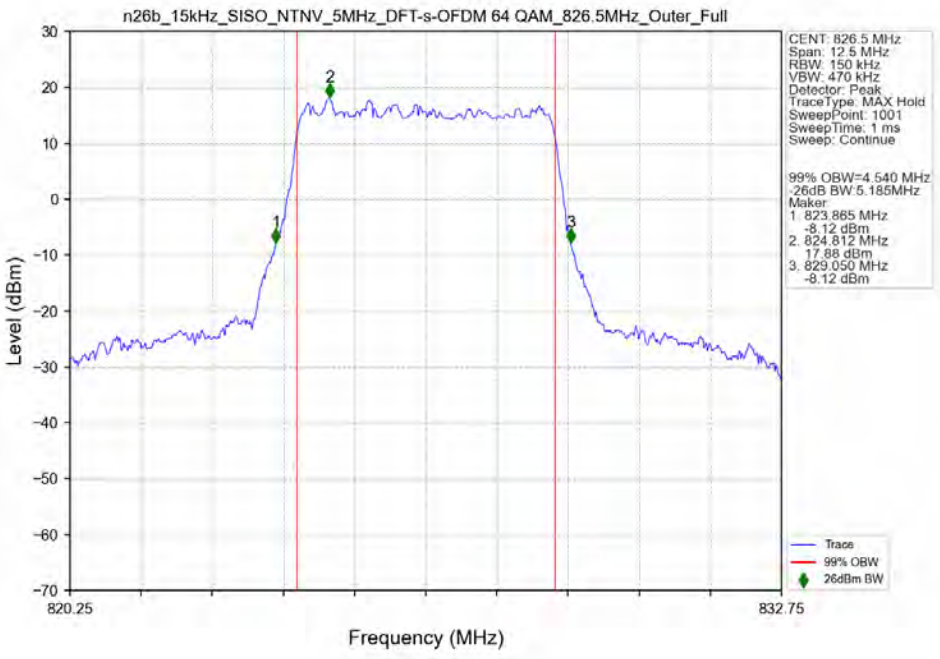
n26b_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 16 QAM_836.5MHz_Outer_Full_Ant31



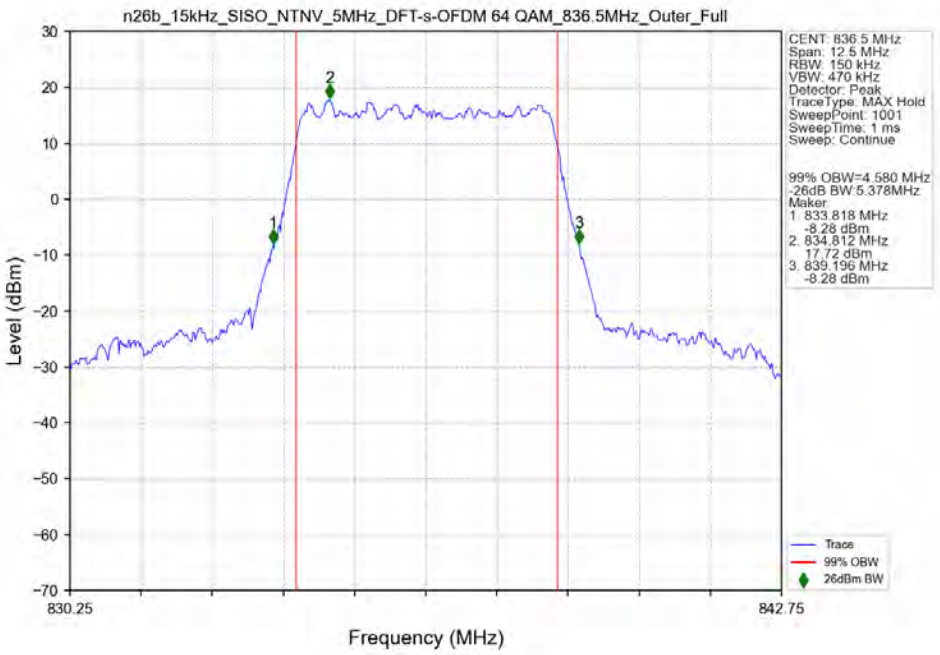
n26b_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 16 QAM_846.5MHz_Outer_Full_Ant31



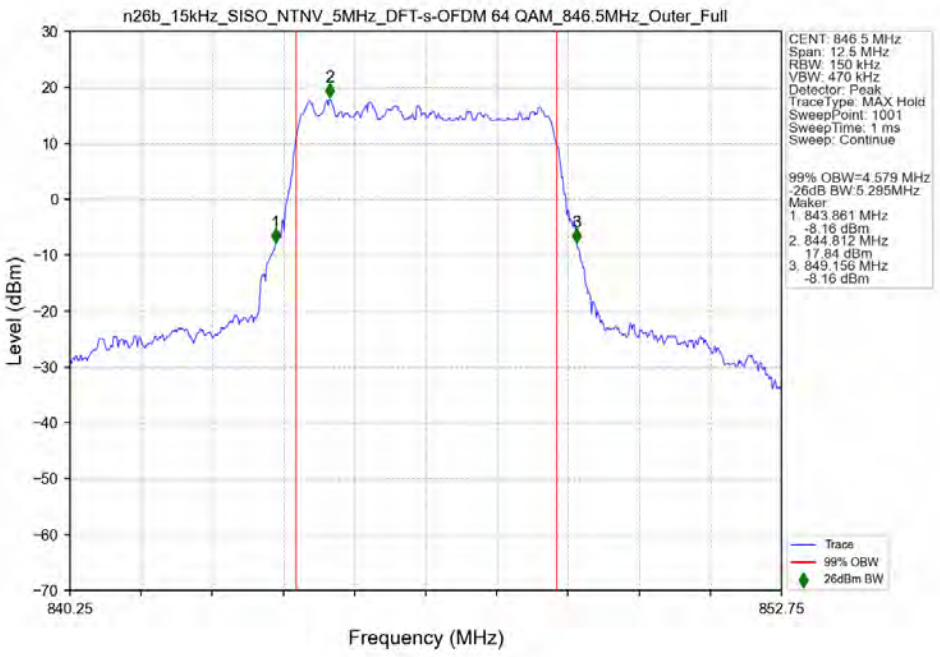
n26b_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 64 QAM_826.5MHz_Outer_Full_Ant31



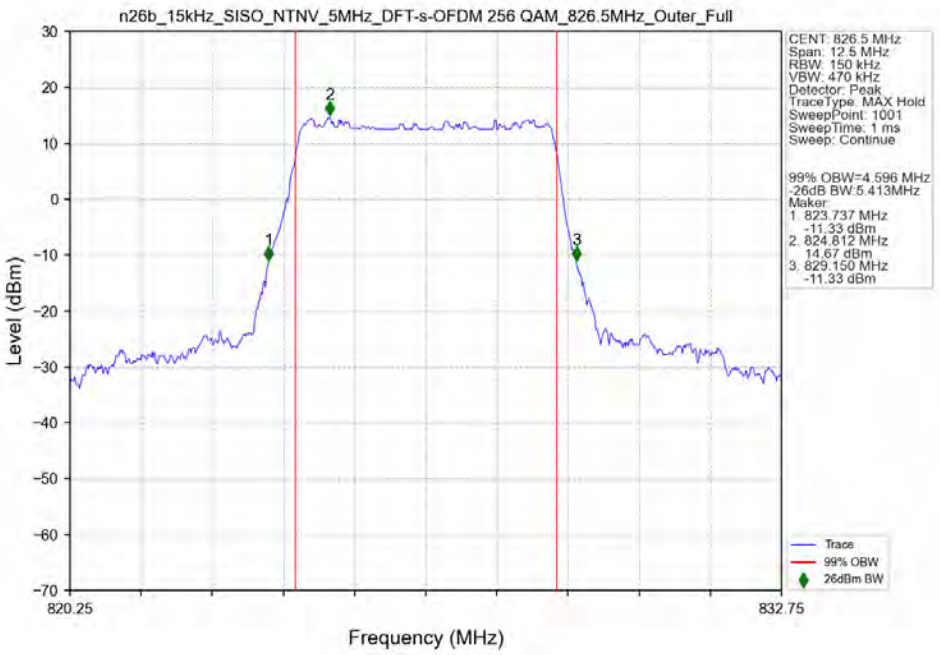
n26b_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 64 QAM_836.5MHz_Outer_Full_Ant31



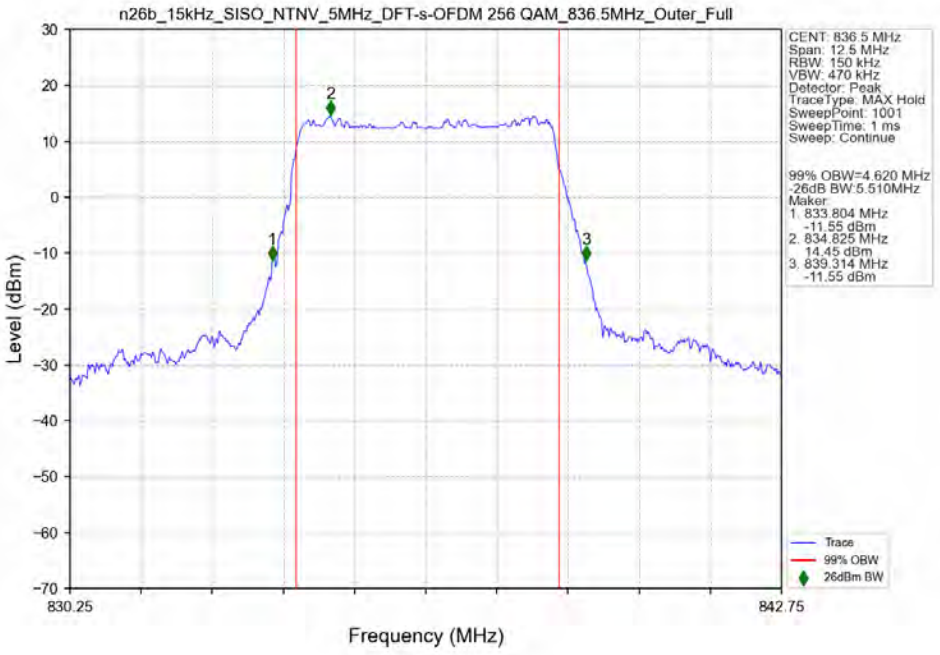
n26b_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 64 QAM_846.5MHz_Outer_Full_Ant31



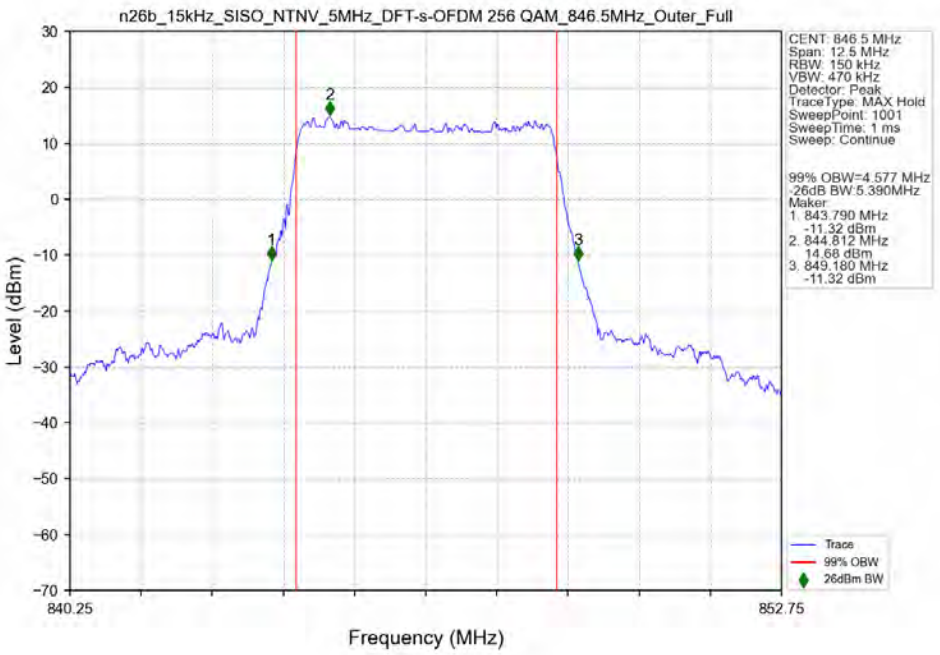
n26b_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 256 QAM_826.5MHz_Outer_Full_Ant31



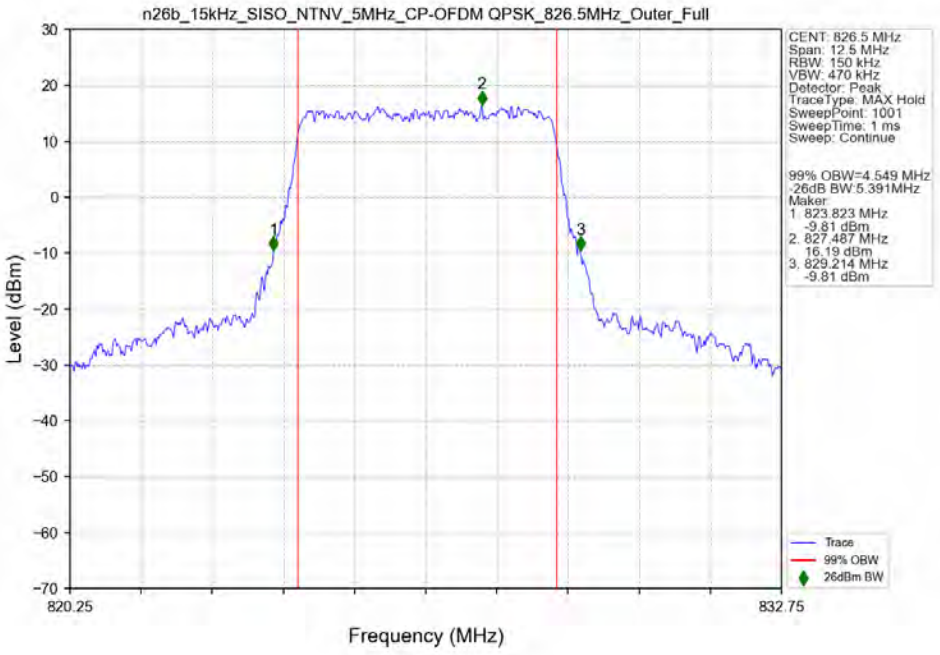
n26b_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 256 QAM_836.5MHz_Outer_Full_Ant31



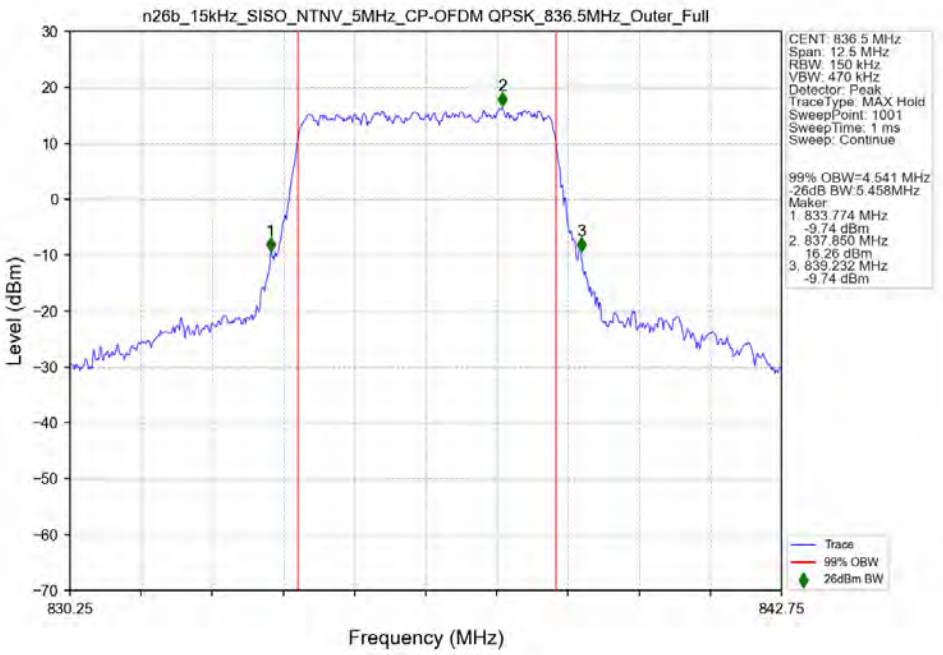
n26b_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 256 QAM_846.5MHz_Outer_Full_Ant31



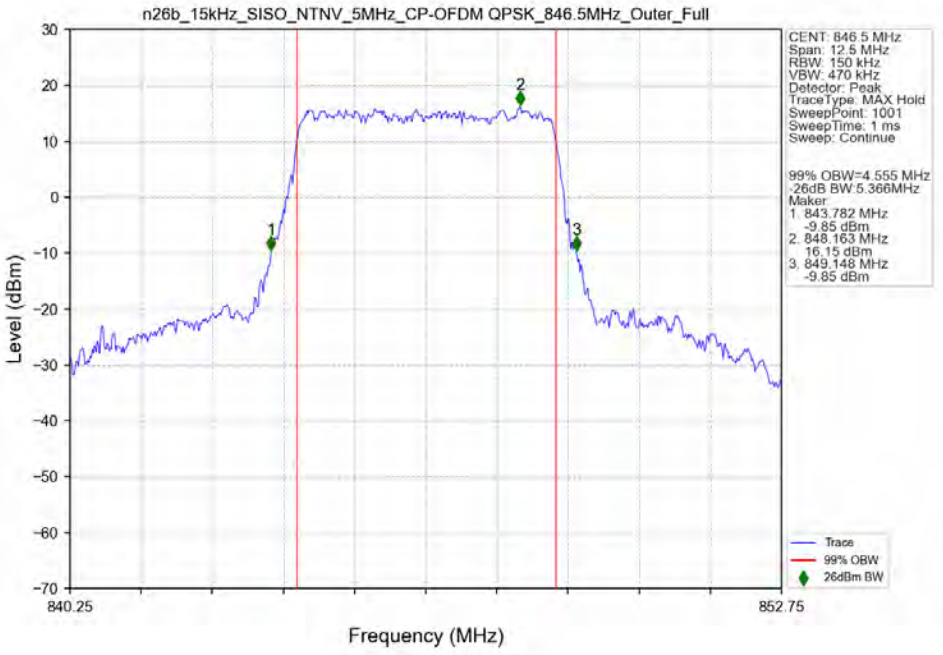
n26b_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_826.5MHz_Outer_Full_Ant31



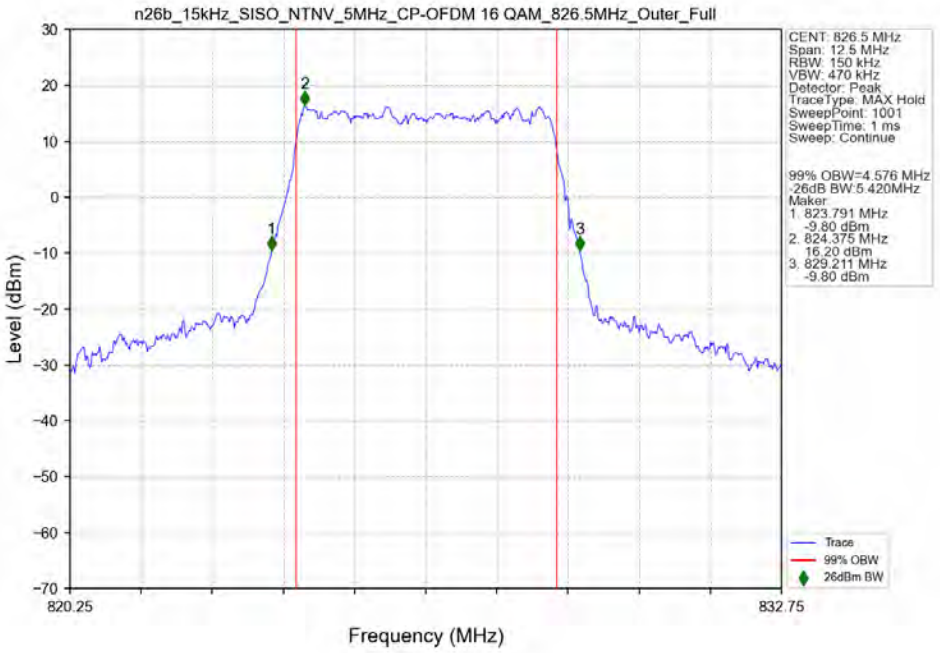
n26b_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_836.5MHz_Outer_Full_Ant31



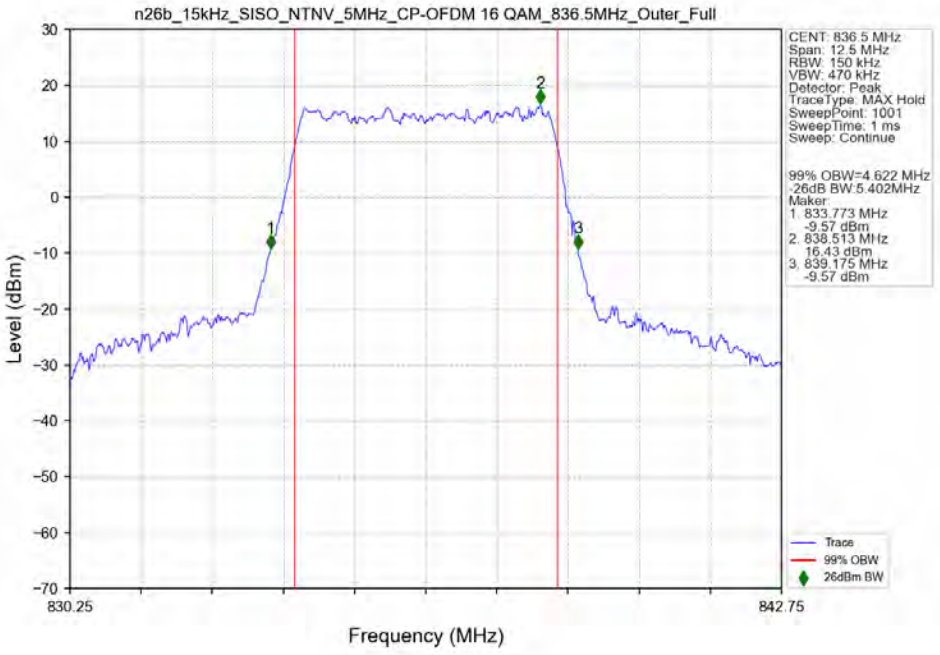
n26b_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_846.5MHz_Outer_Full_Ant31



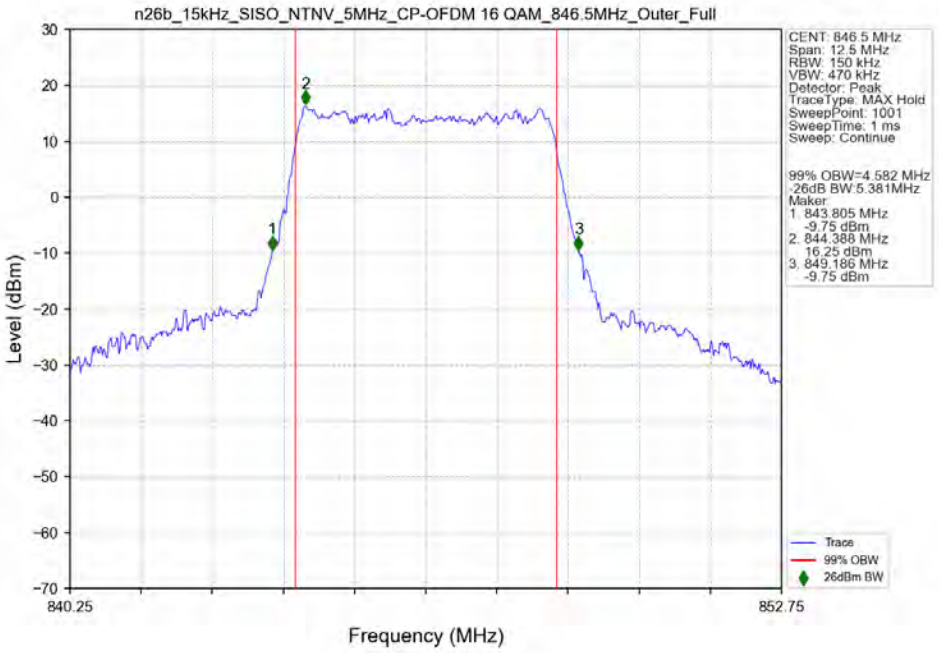
n26b_15kHz_SISO_NTNV_5MHz_CP-OFDM 16 QAM_826.5MHz_Outer_Full_Ant31



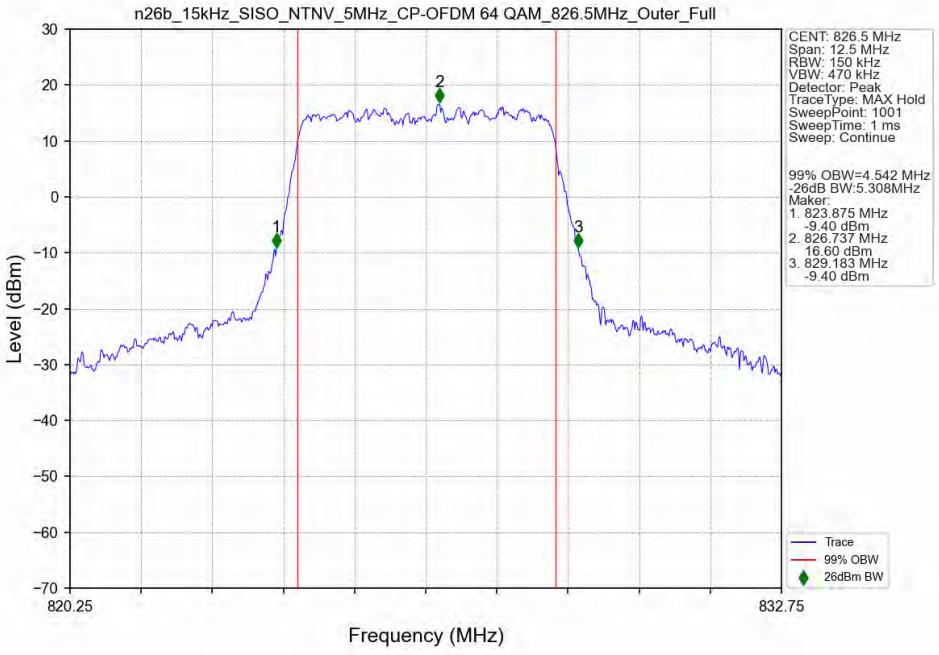
n26b_15kHz_SISO_NTNV_5MHz_CP-OFDM 16 QAM_836.5MHz_Outer_Full_Ant31



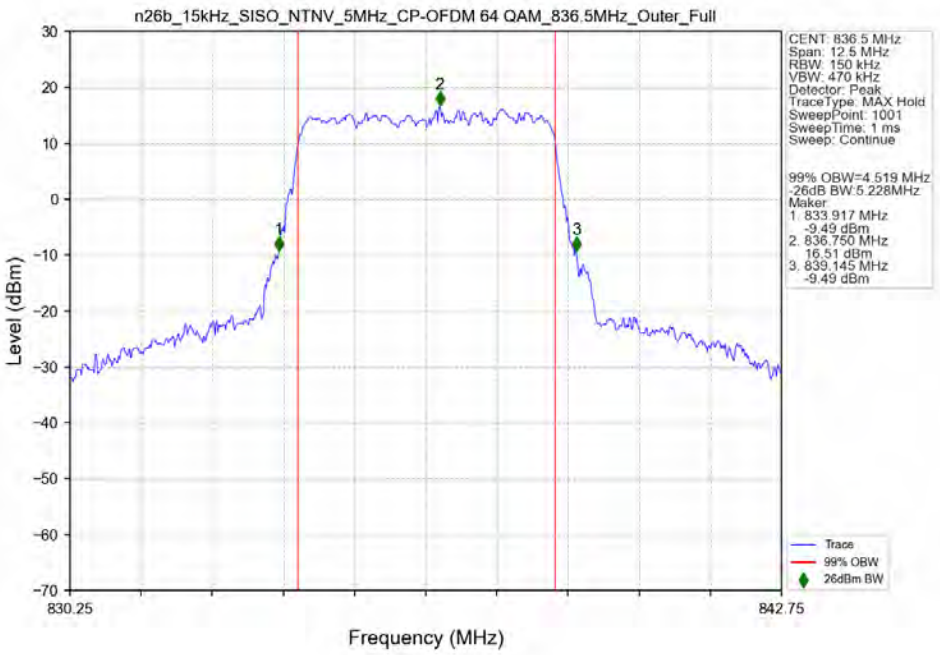
n26b_15kHz_SISO_NTNV_5MHz_CP-OFDM 16 QAM_846.5MHz_Outer_Full_Ant31



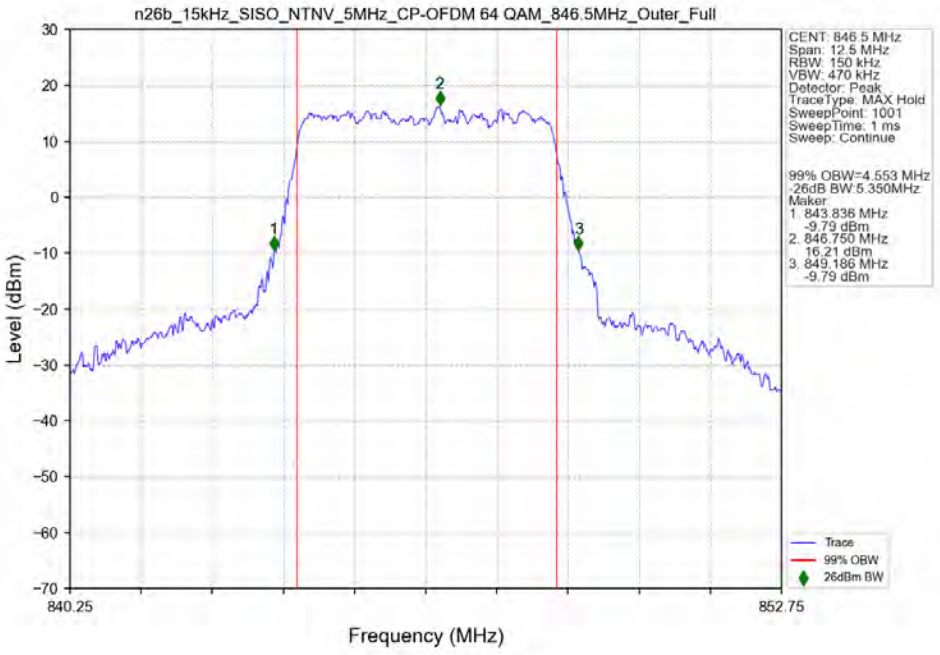
n26b_15kHz_SISO_NTNV_5MHz_CP-OFDM 64 QAM_826.5MHz_Outer_Full_Ant31



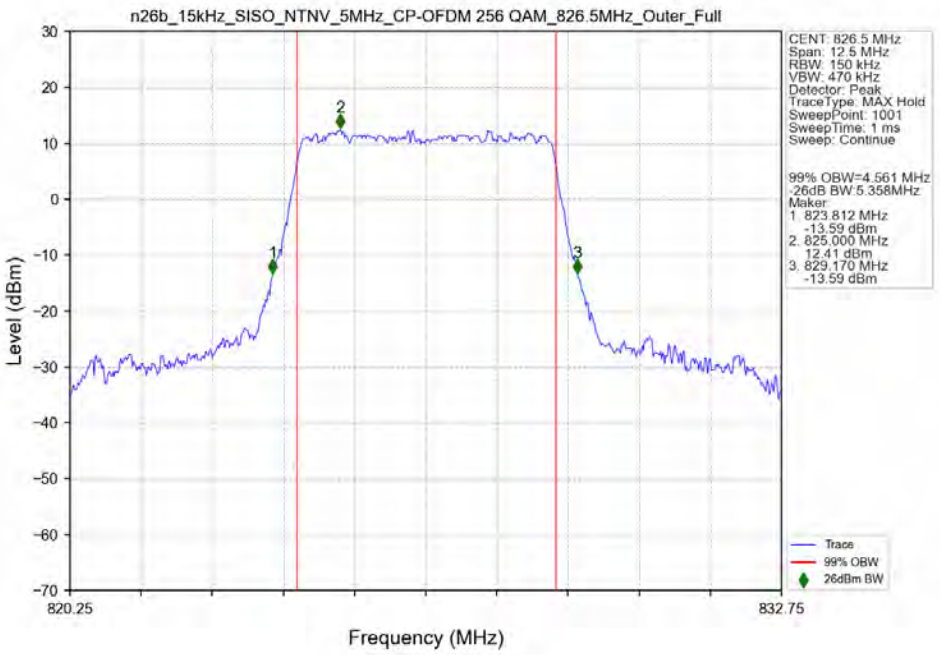
n26b_15kHz_SISO_NTNV_5MHz_CP-OFDM 64 QAM_836.5MHz_Outer_Full_Ant31



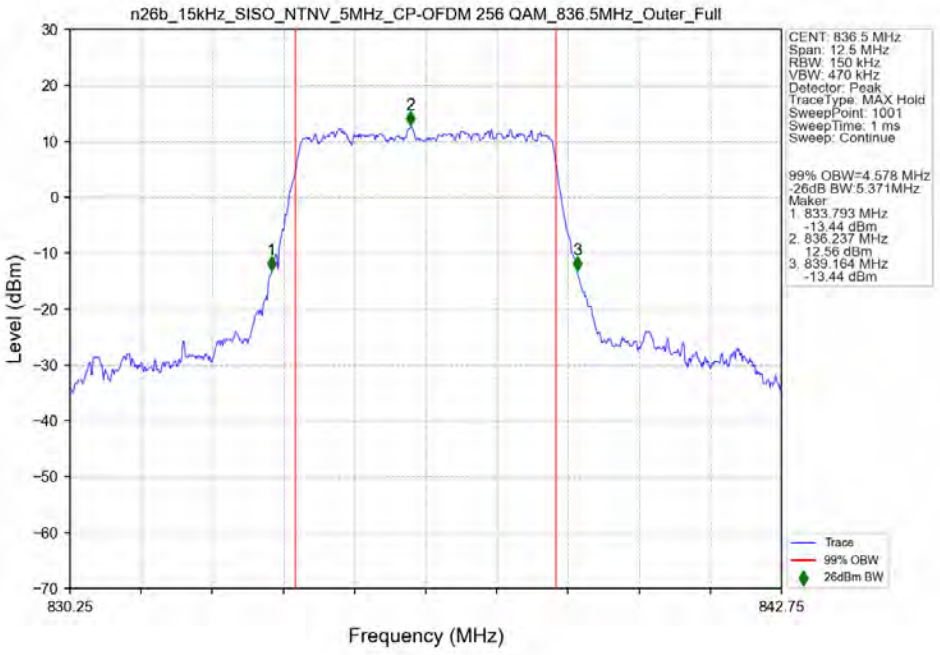
n26b_15kHz_SISO_NTNV_5MHz_CP-OFDM 64 QAM_846.5MHz_Outer_Full_Ant31



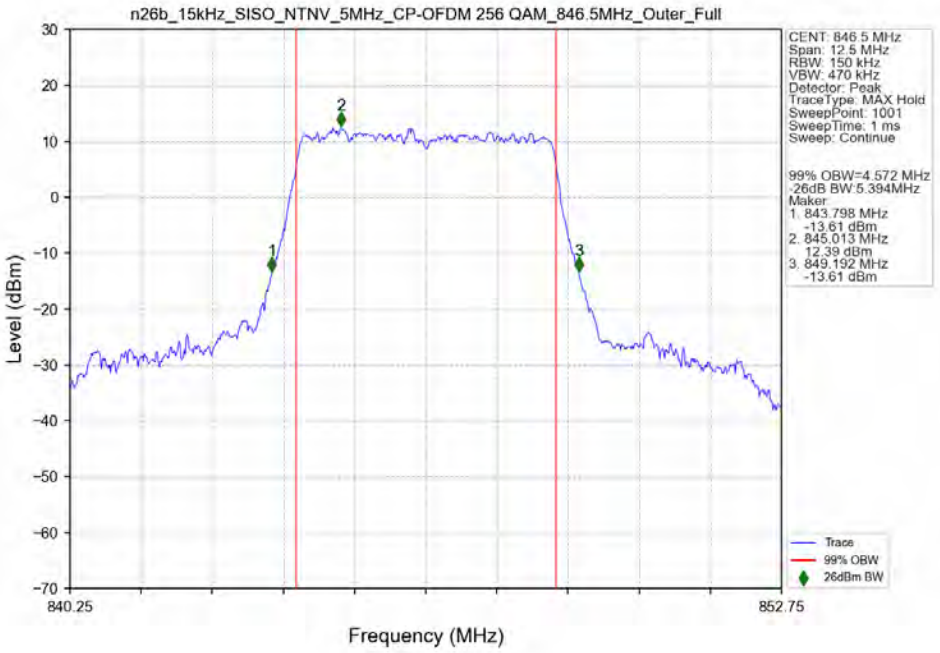
n26b_15kHz_SISO_NTNV_5MHz_CP-OFDM 256 QAM_826.5MHz_Outer_Full_Ant31



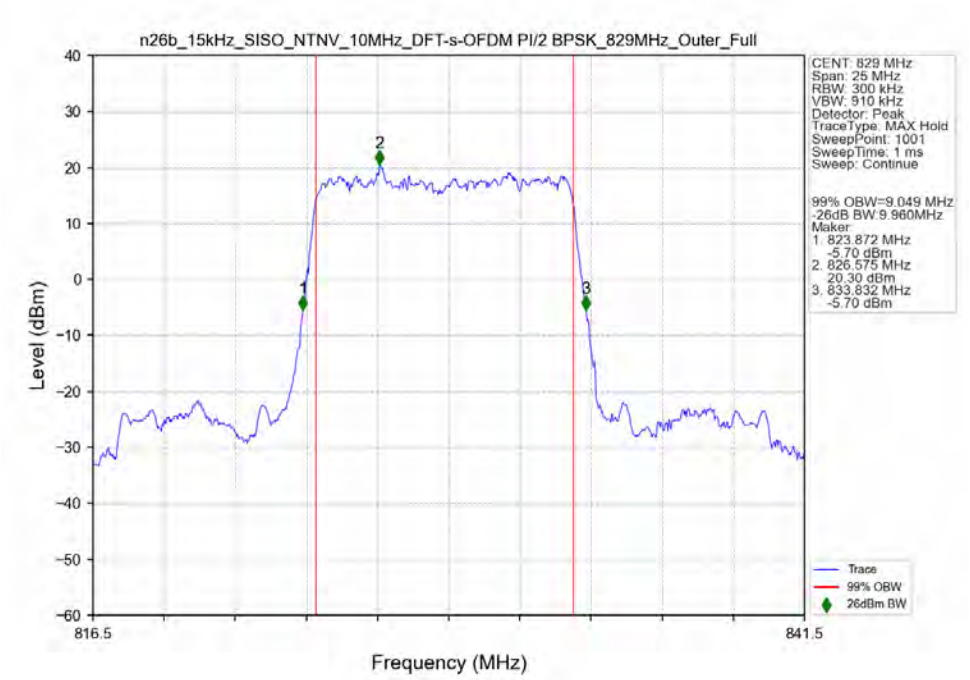
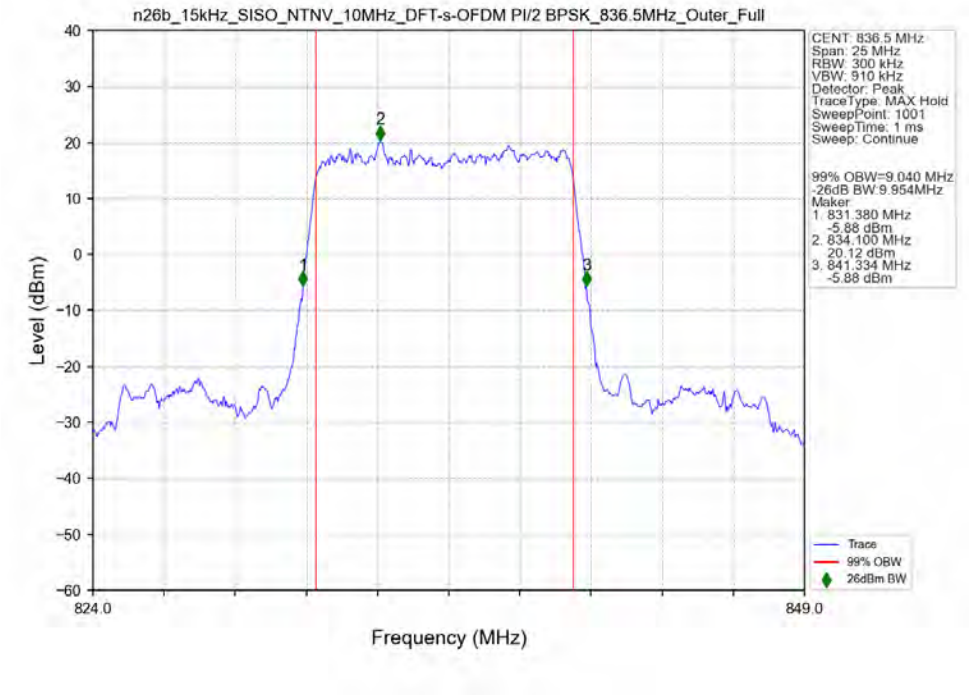
n26b_15kHz_SISO_NTNV_5MHz_CP-OFDM 256 QAM_836.5MHz_Outer_Full_Ant31



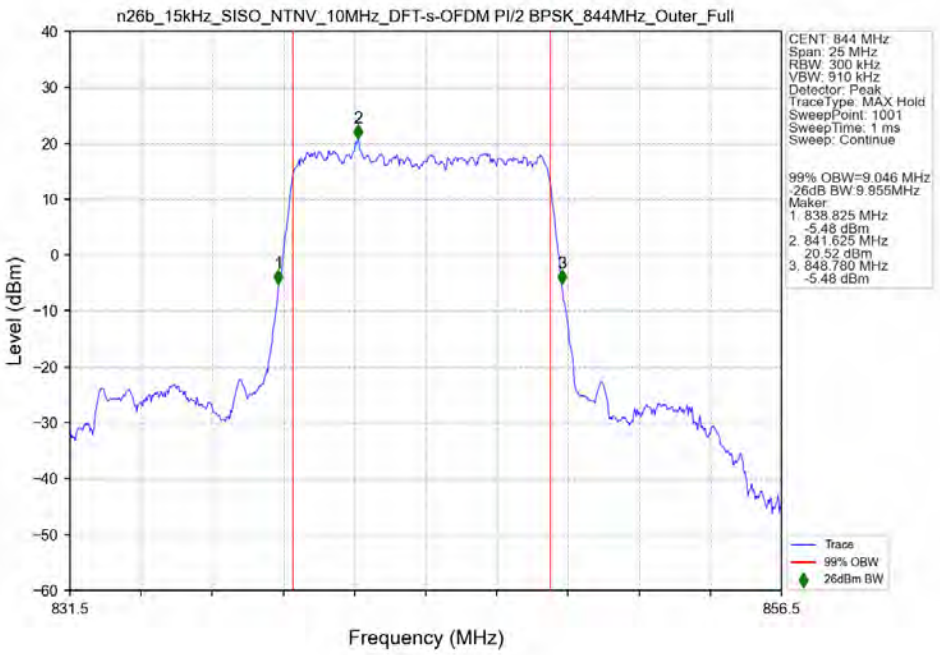
n26b_15kHz_SISO_NTNV_5MHz_CP-OFDM 256 QAM_846.5MHz_Outer_Full_Ant31



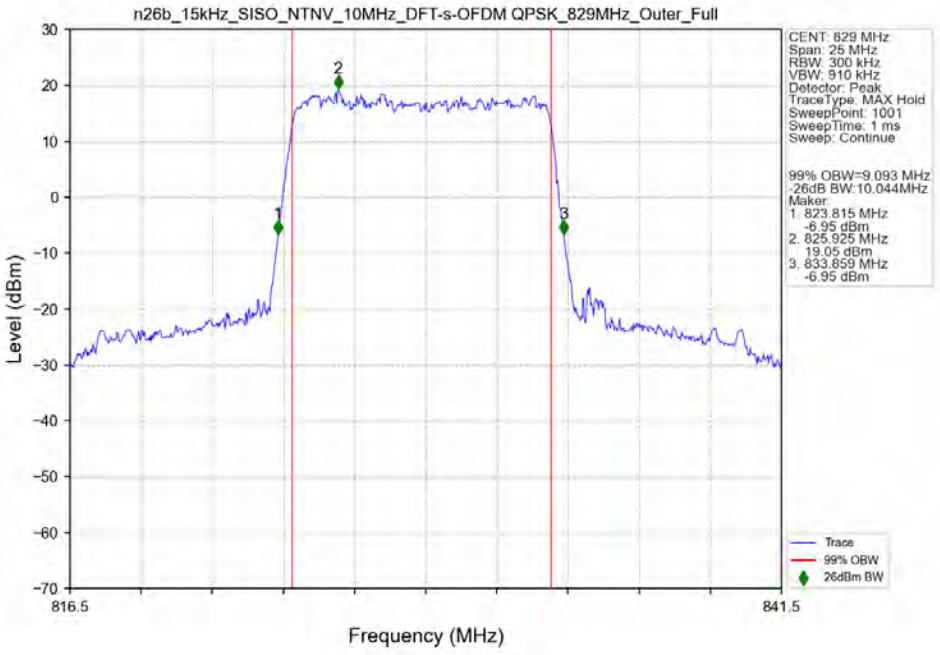
3.2.2 15k_SISO_10MHz_NTNV

n26b_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_829MHz_Outer_Full_Ant31

n26b_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_836.5MHz_Outer_Full_Ant31


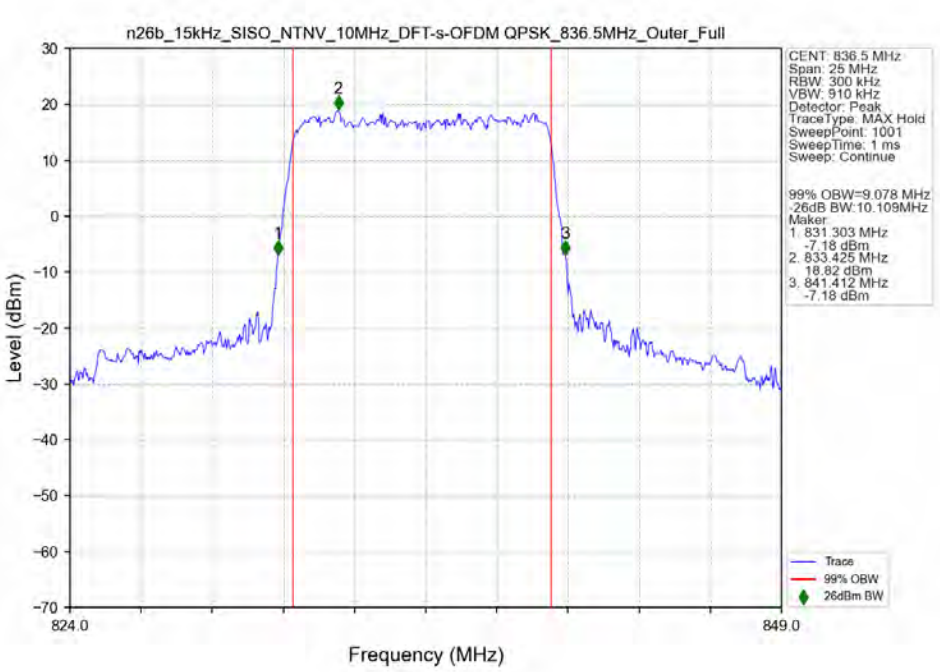
n26b_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_844MHz_Outer_Full_Ant31



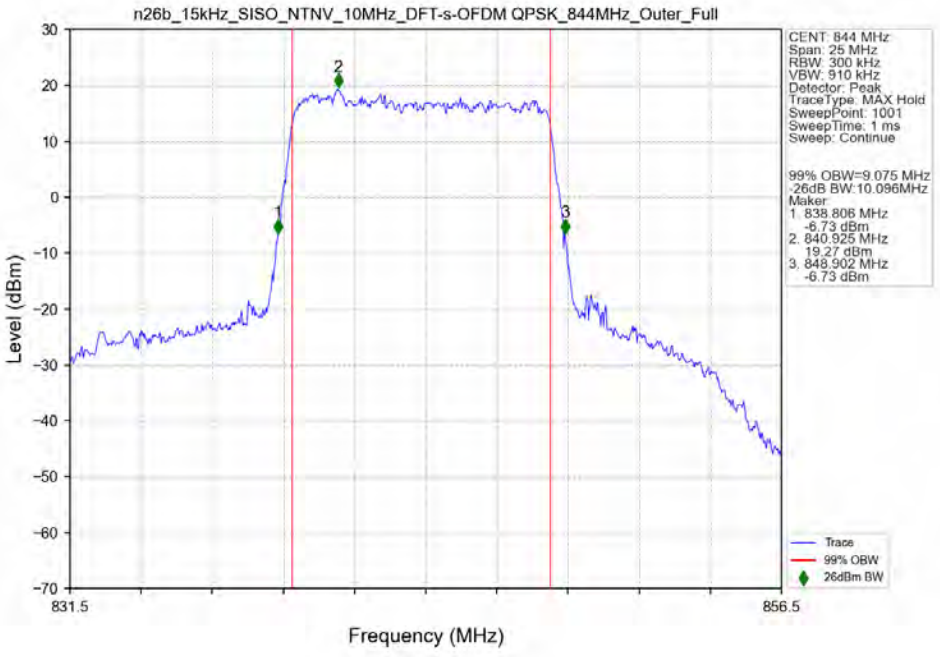
n26b_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_829MHz_Outer_Full_Ant31



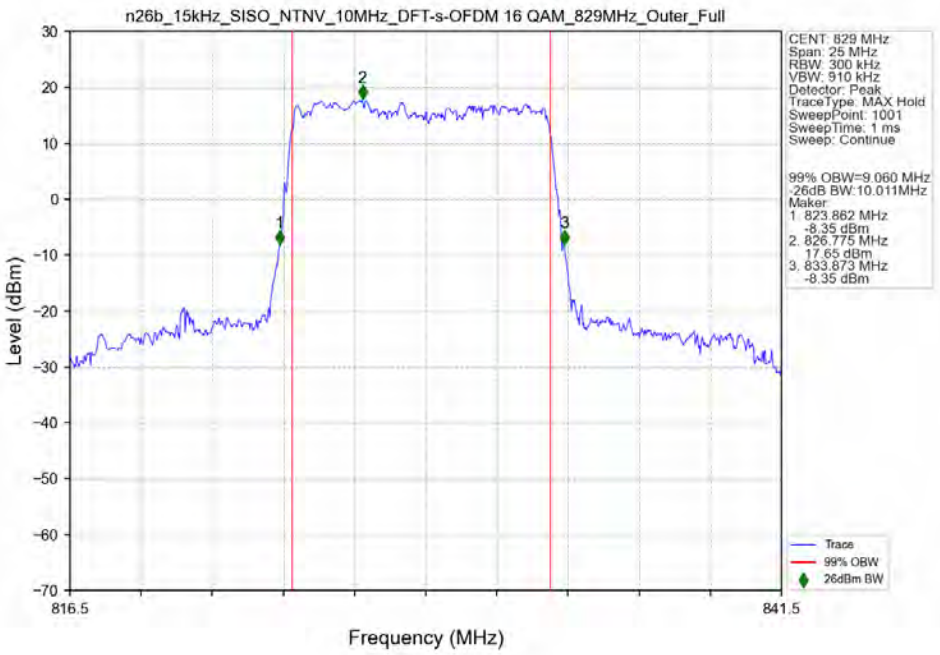
n26b_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_836.5MHz_Outer_Full_Ant31



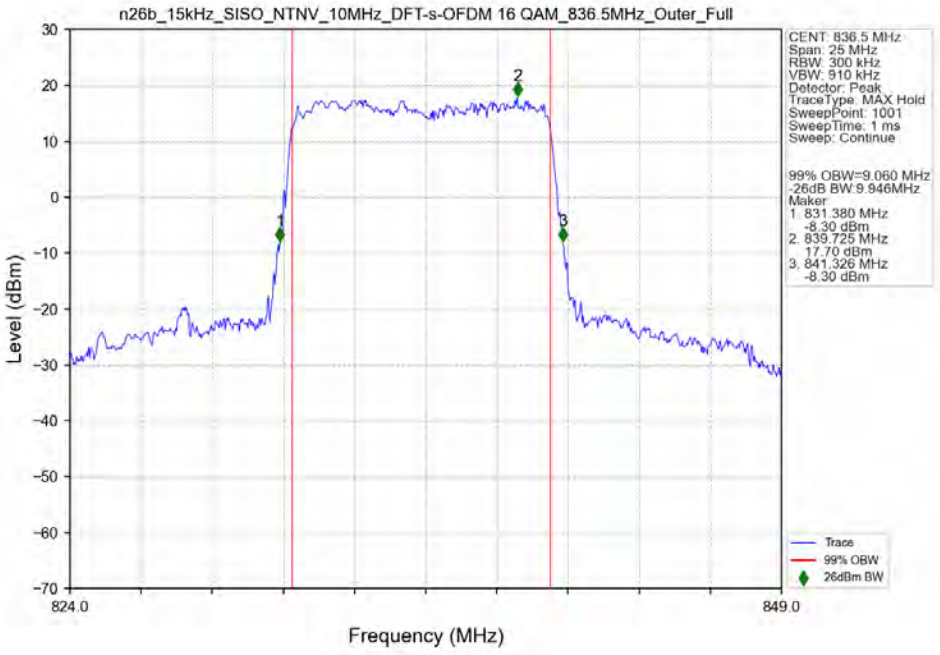
n26b_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_844MHz_Outer_Full_Ant31



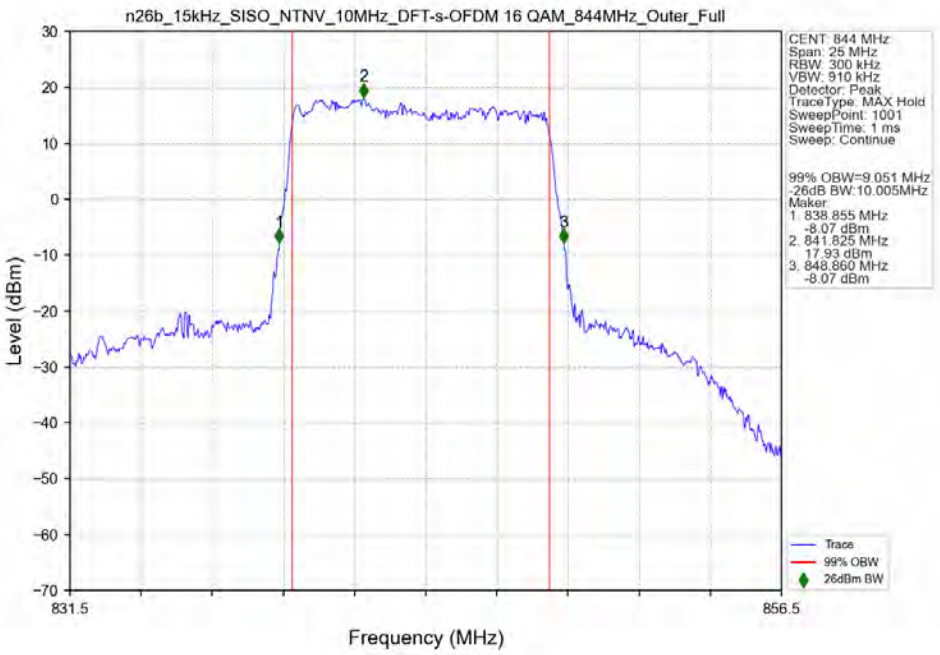
n26b_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 16 QAM_829MHz_Outer_Full_Ant31



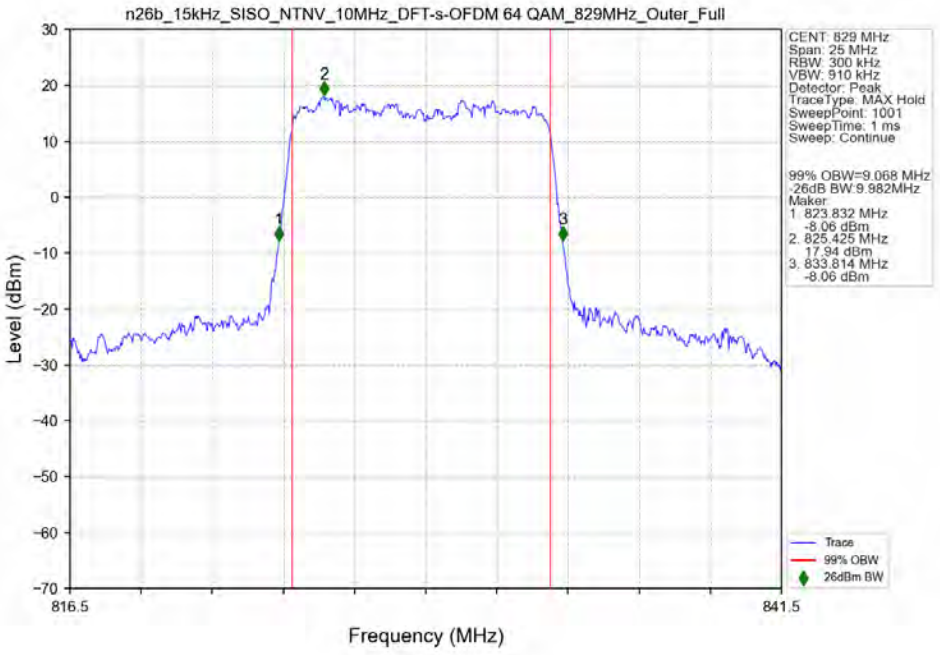
n26b_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 16 QAM_836.5MHz_Outer_Full_Ant31



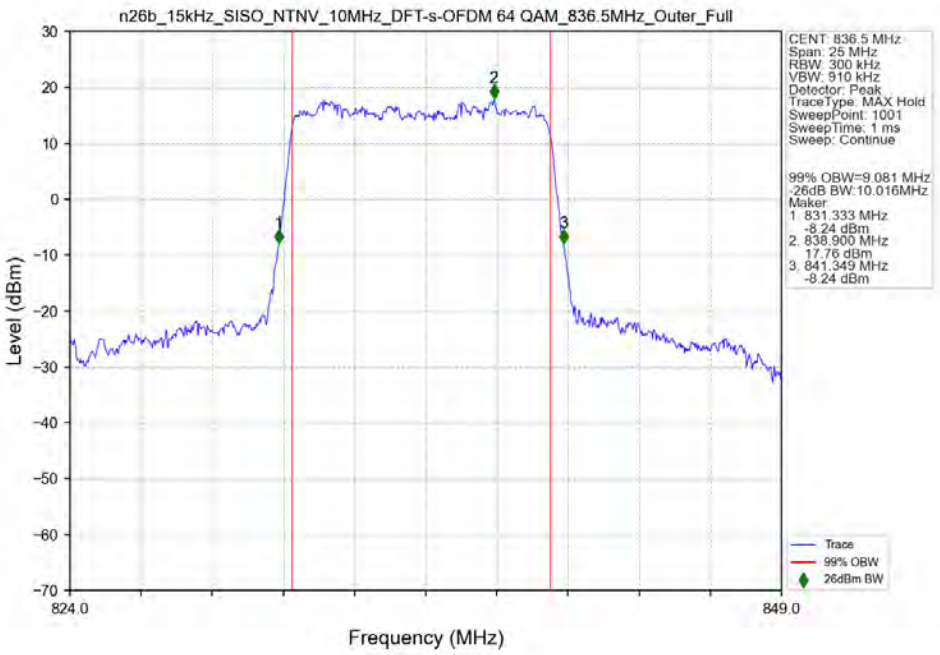
n26b_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 16 QAM_844MHz_Outer_Full_Ant31



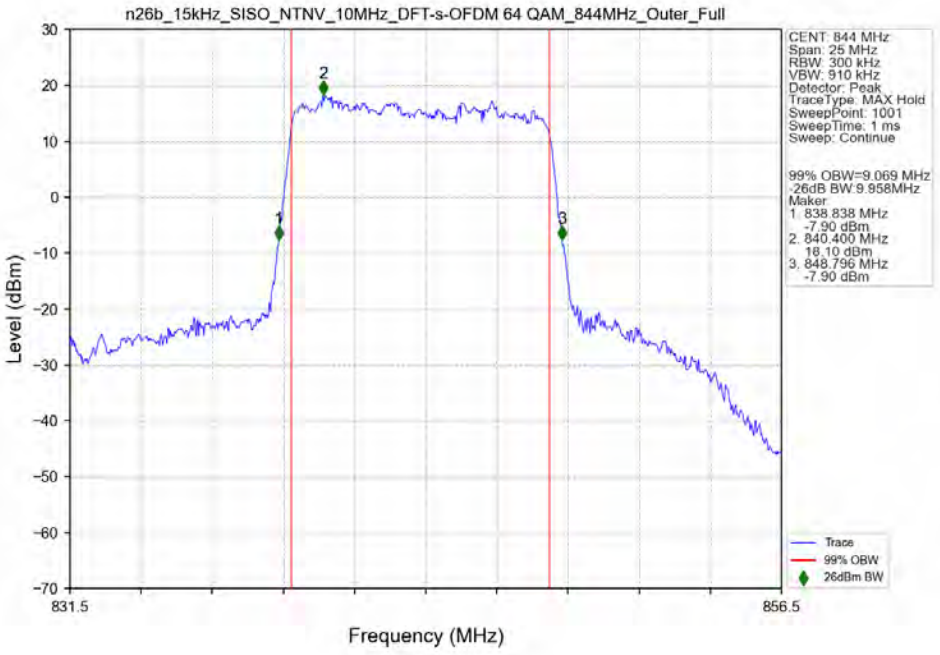
n26b_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 64 QAM_829MHz_Outer_Full_Ant31



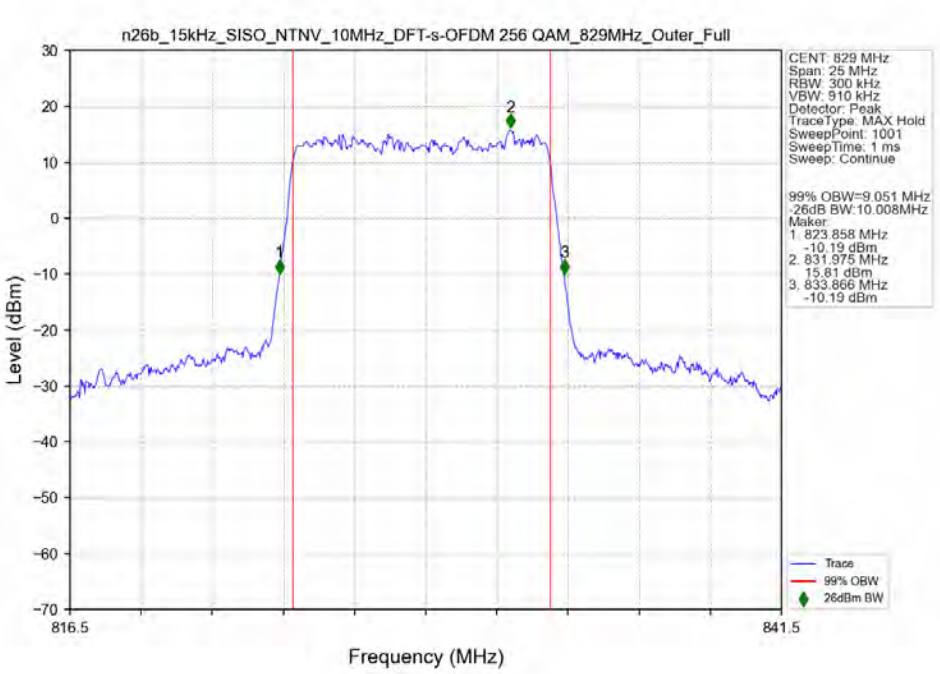
n26b_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 64 QAM_836.5MHz_Outer_Full_Ant31



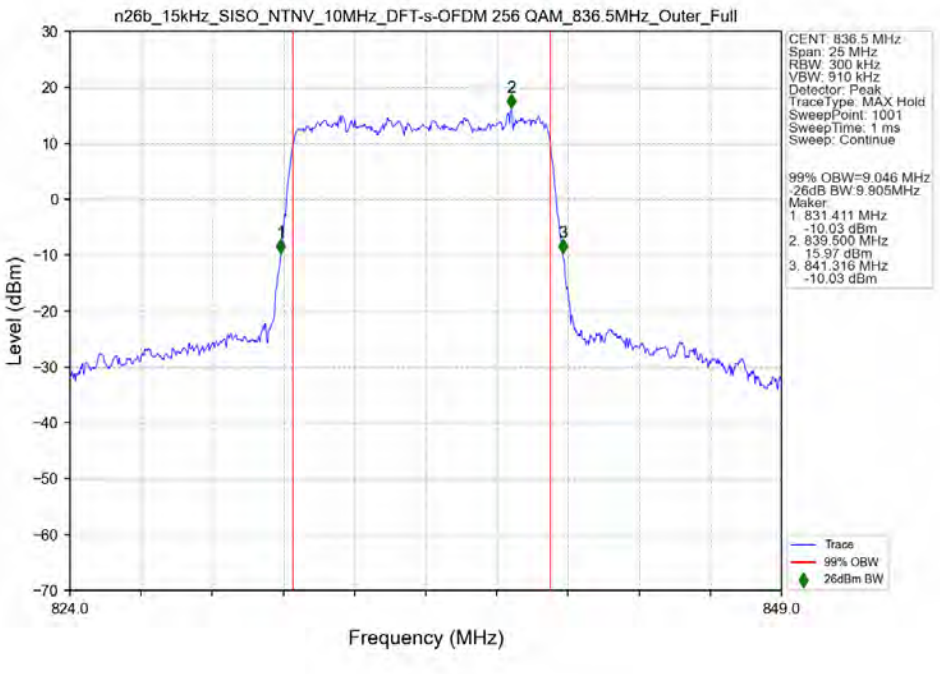
n26b_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 64 QAM_844MHz_Outer_Full_Ant31



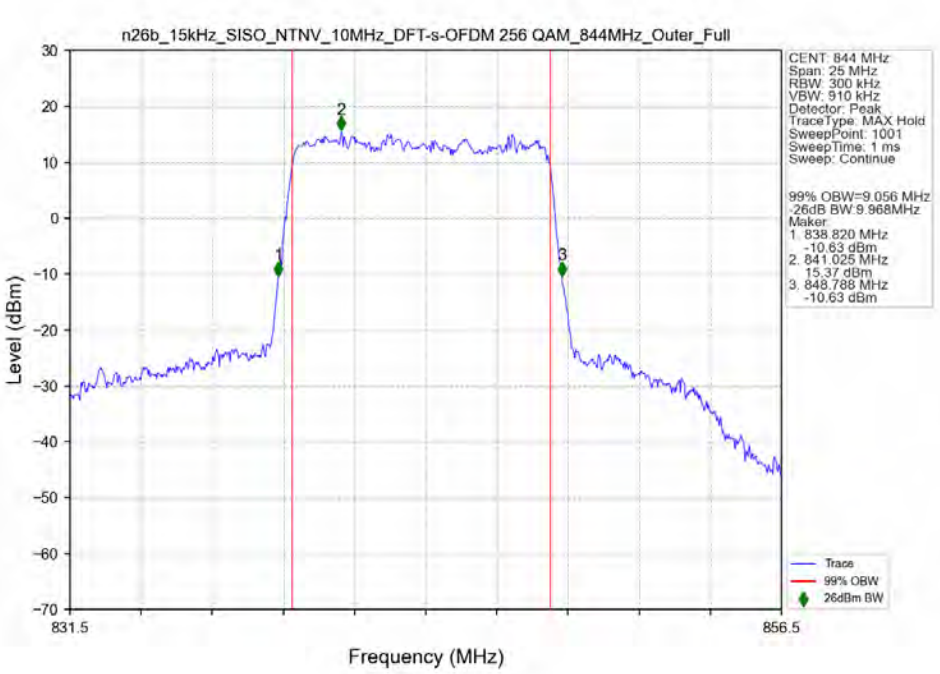
n26b_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 256 QAM_829MHz_Outer_Full_Ant31



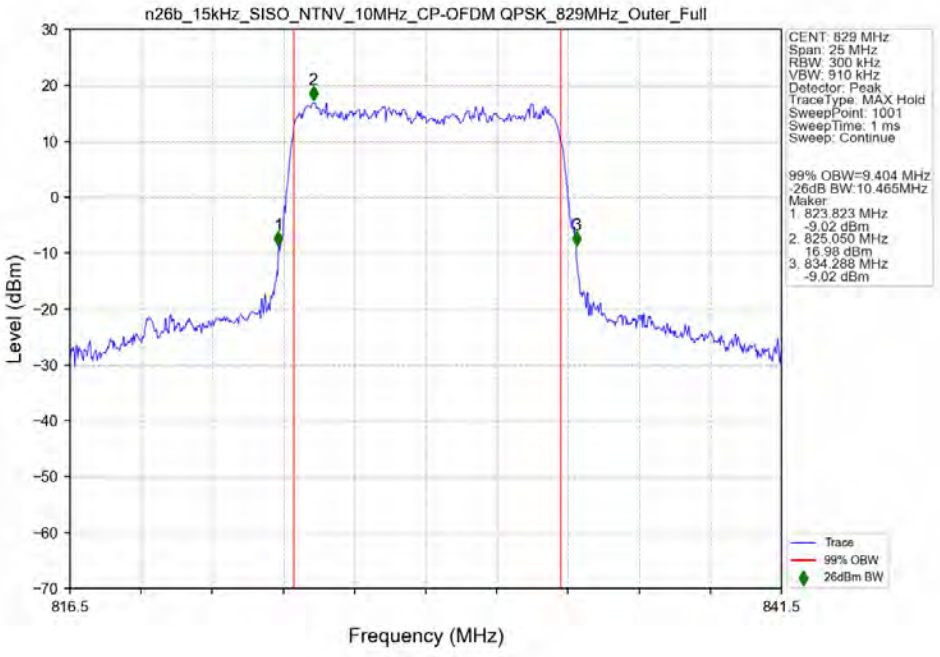
n26b_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 256 QAM_836.5MHz_Outer_Full_Ant31



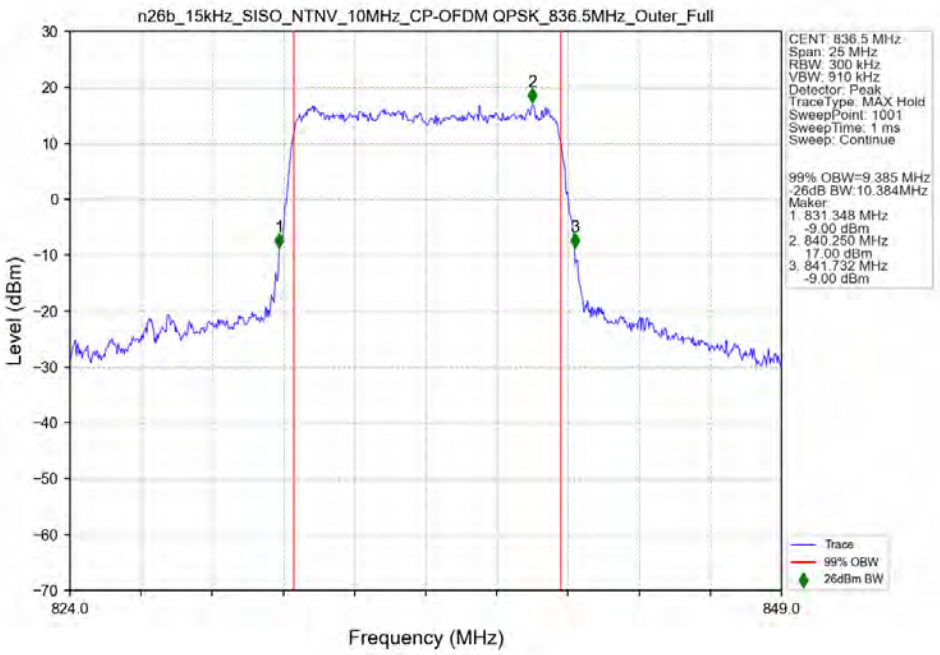
n26b_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 256 QAM_844MHz_Outer_Full_Ant31



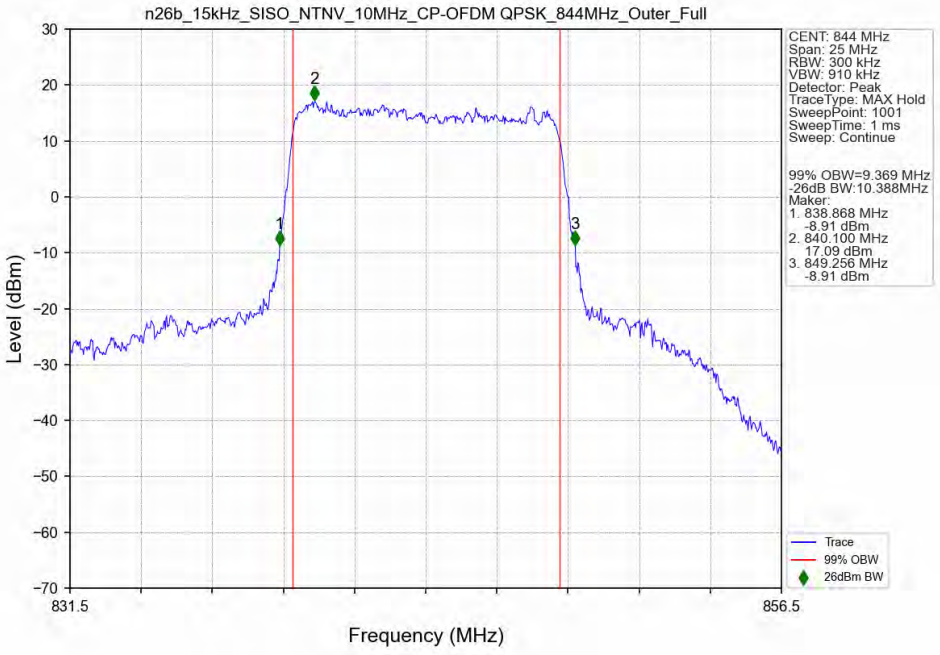
n26b_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_829MHz_Outer_Full_Ant31



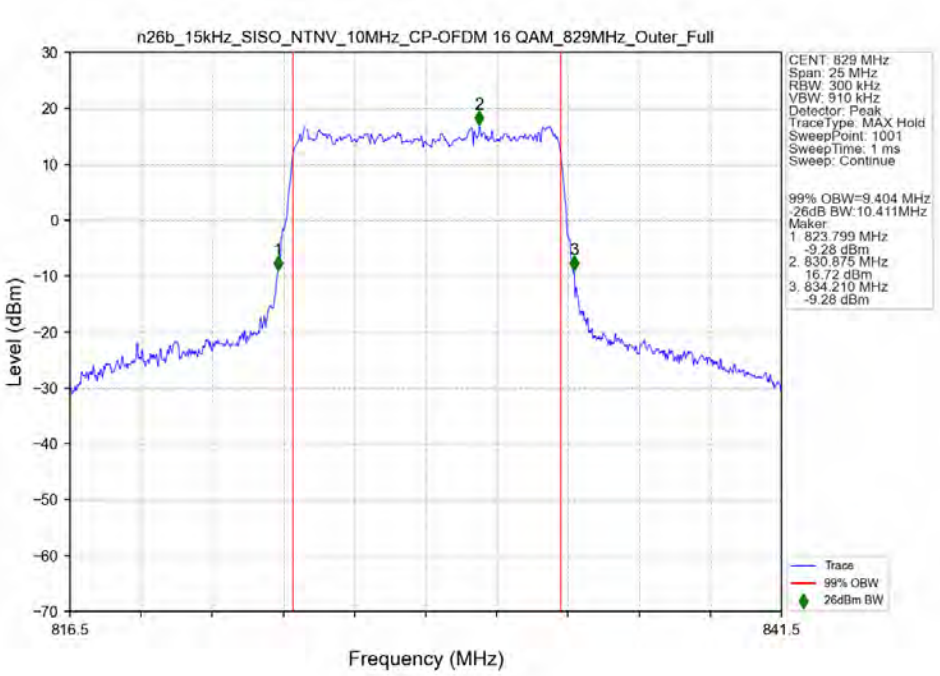
n26b_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_836.5MHz_Outer_Full_Ant31



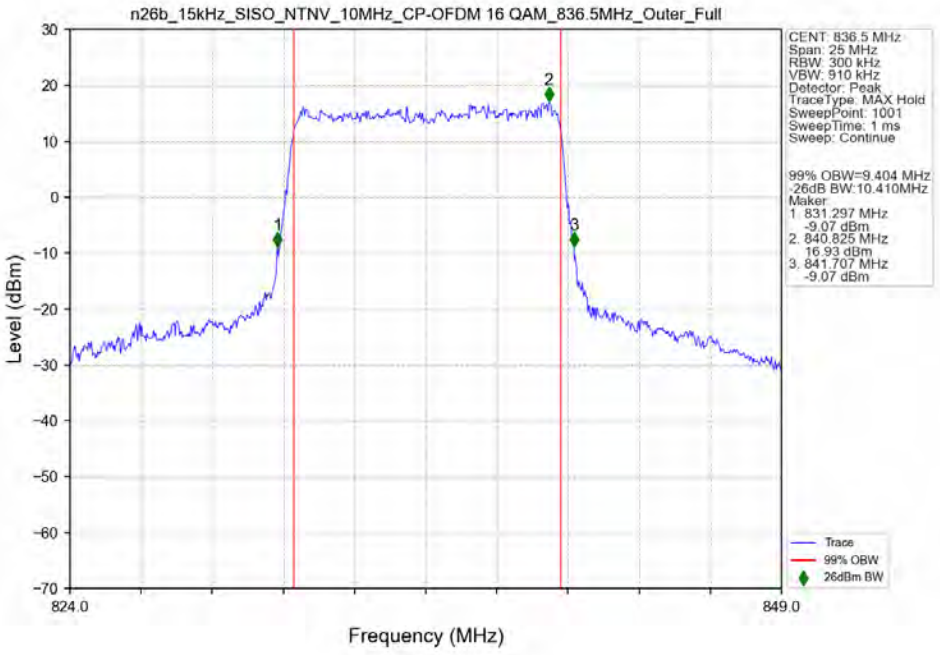
n26b_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_844MHz_Outer_Full_Ant31



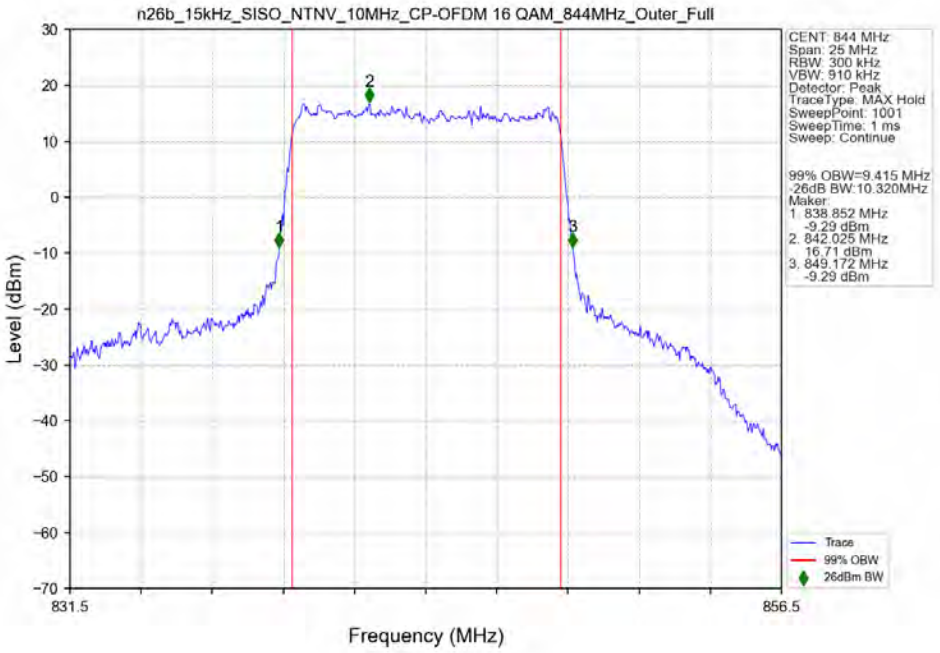
n26b_15kHz_SISO_NTNV_10MHz_CP-OFDM 16 QAM_829MHz_Outer_Full_Ant31



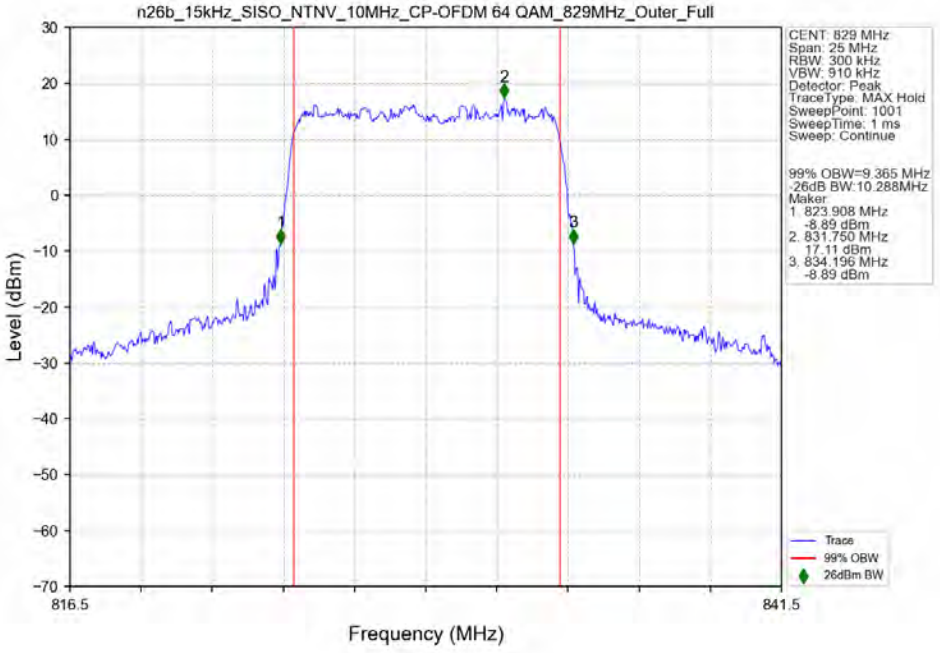
n26b_15kHz_SISO_NTNV_10MHz_CP-OFDM 16 QAM_836.5MHz_Outer_Full_Ant31



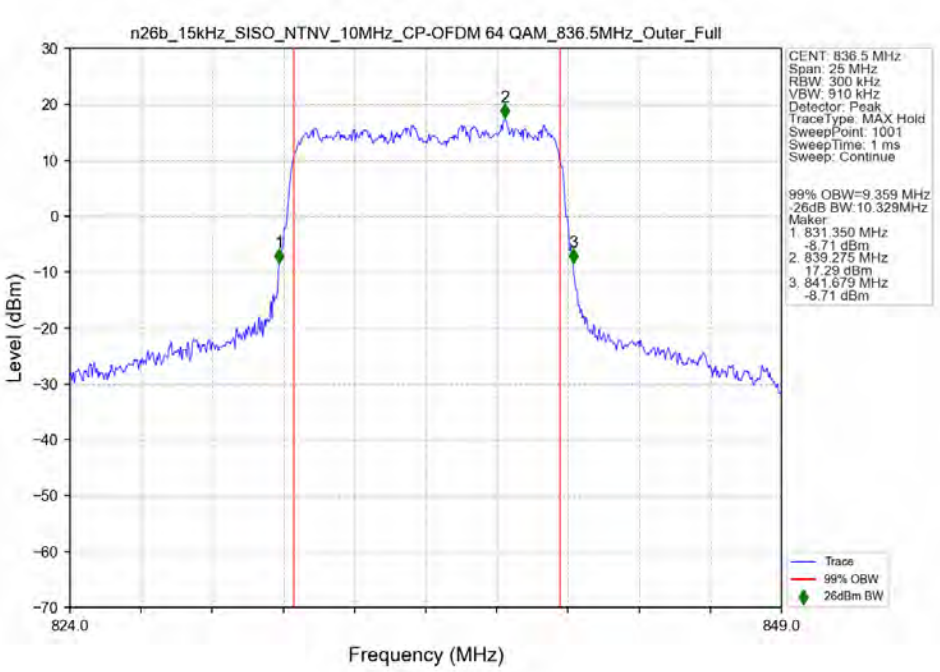
n26b_15kHz_SISO_NTNV_10MHz_CP-OFDM 16 QAM_844MHz_Outer_Full_Ant31



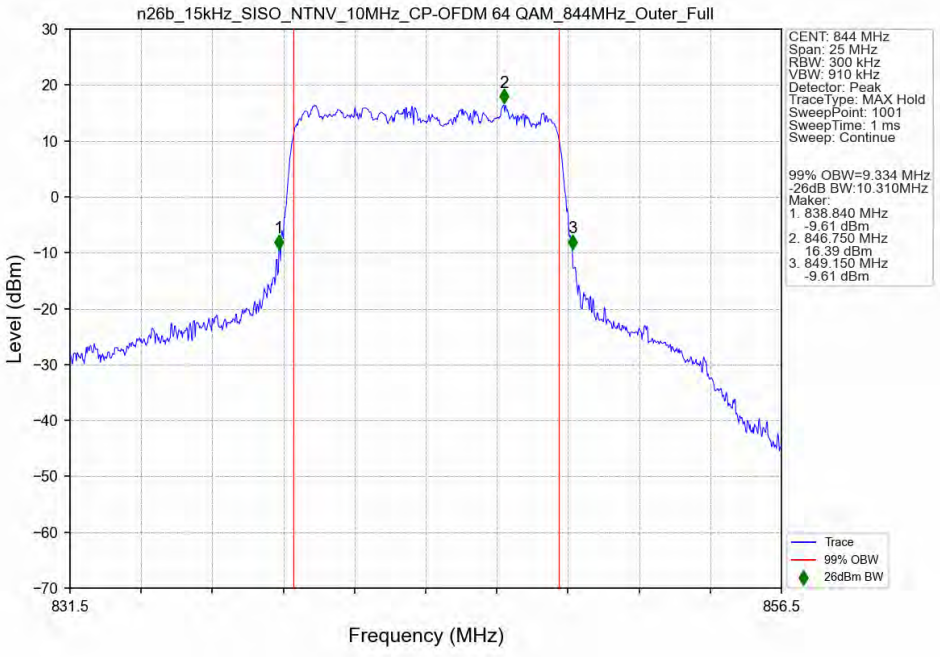
n26b_15kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM_829MHz_Outer_Full_Ant31



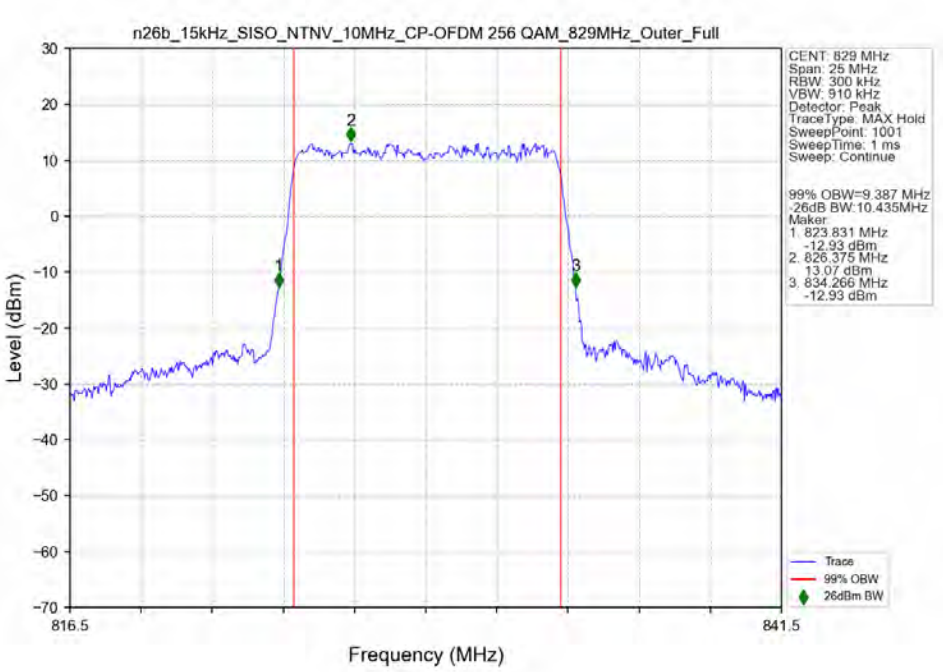
n26b_15kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM_836.5MHz_Outer_Full_Ant31



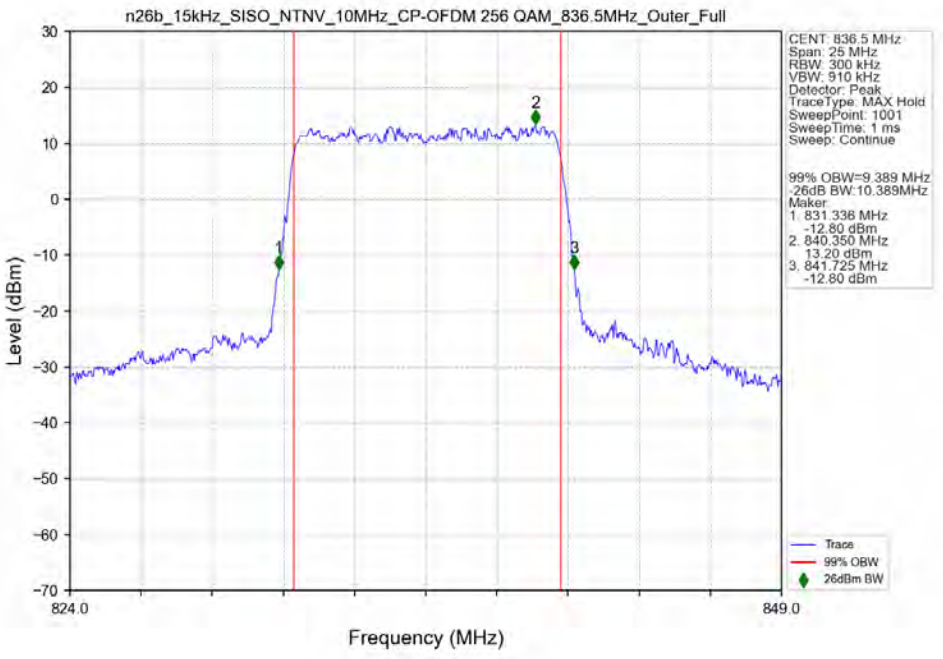
n26b_15kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM_844MHz_Outer_Full_Ant31



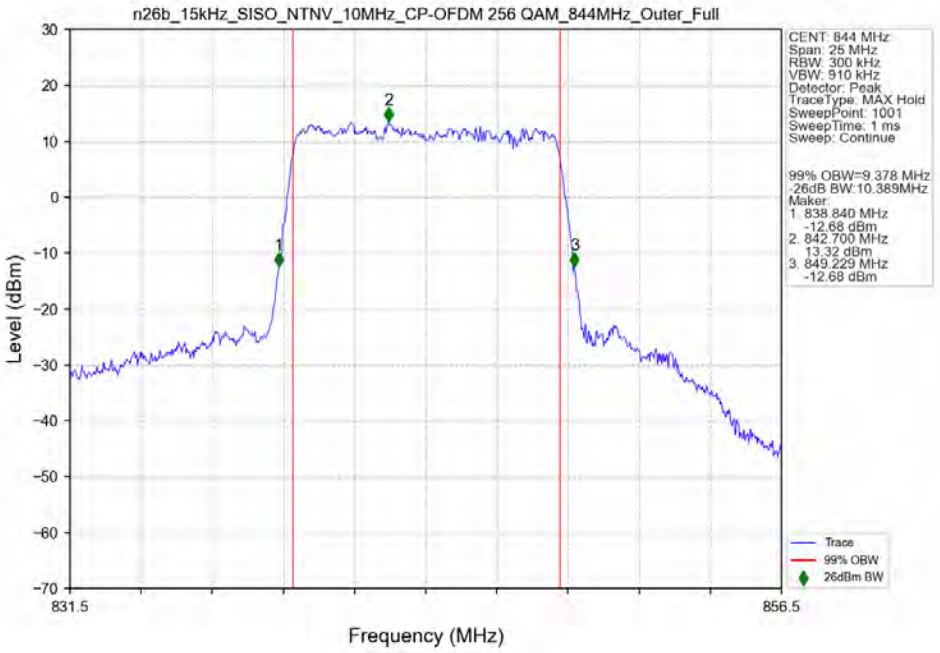
n26b_15kHz_SISO_NTNV_10MHz_CP-OFDM 256 QAM_829MHz_Outer_Full_Ant31



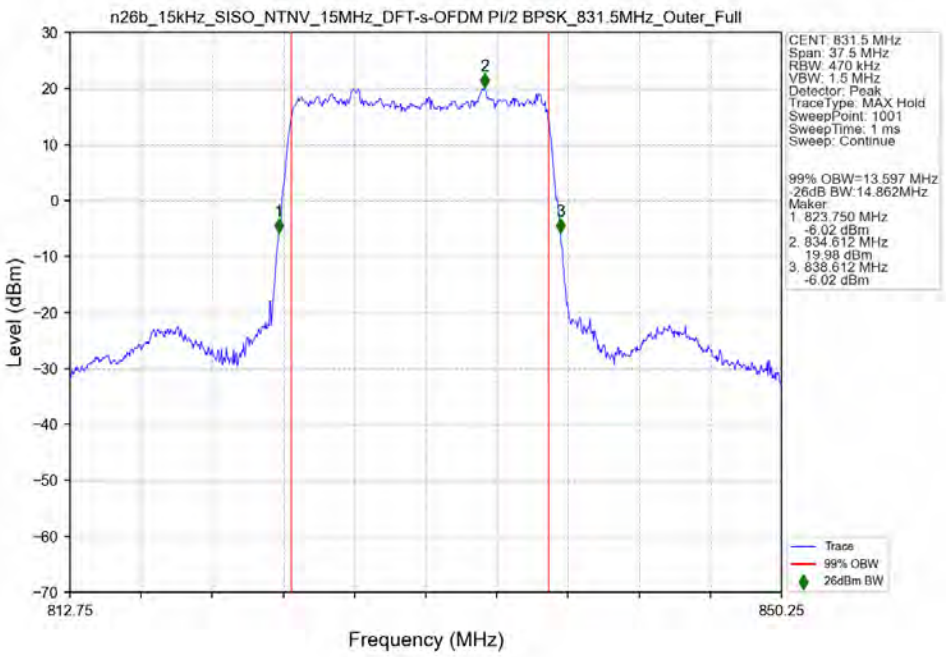
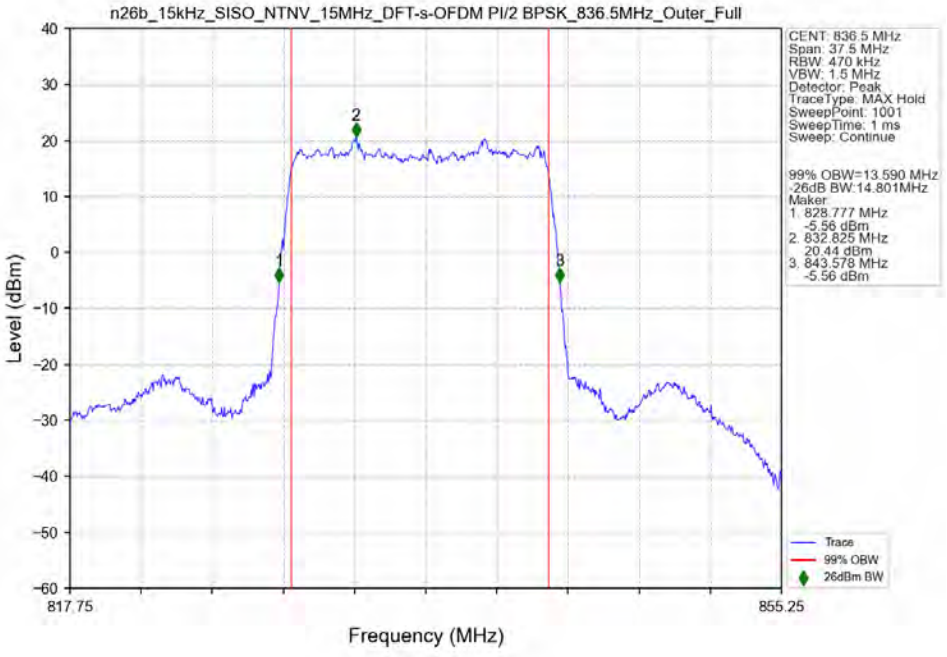
n26b_15kHz_SISO_NTNV_10MHz_CP-OFDM 256 QAM_836.5MHz_Outer_Full_Ant31



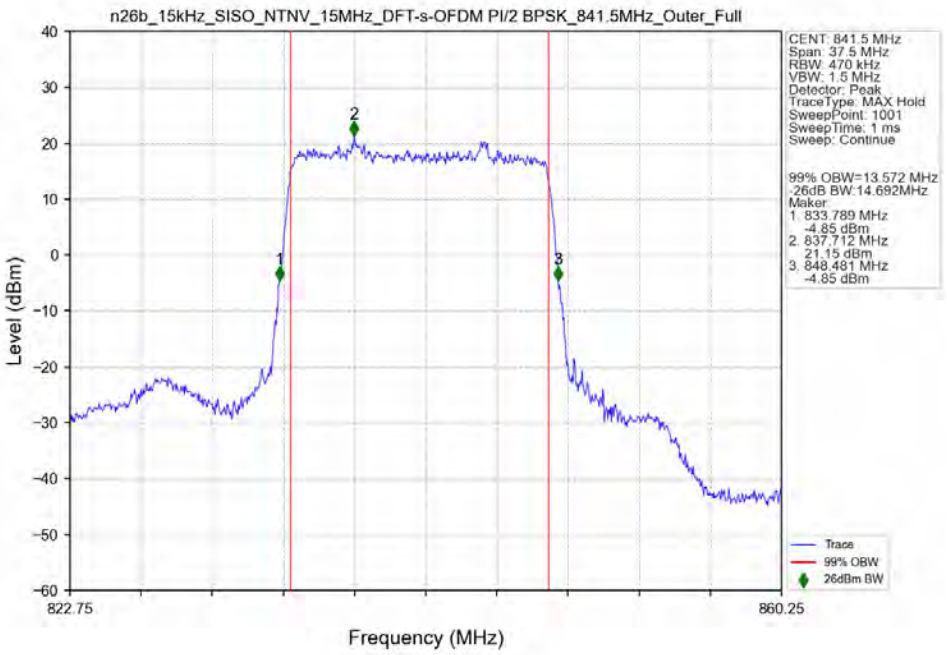
n26b_15kHz_SISO_NTNV_10MHz_CP-OFDM 256 QAM_844MHz_Outer_Full_Ant31



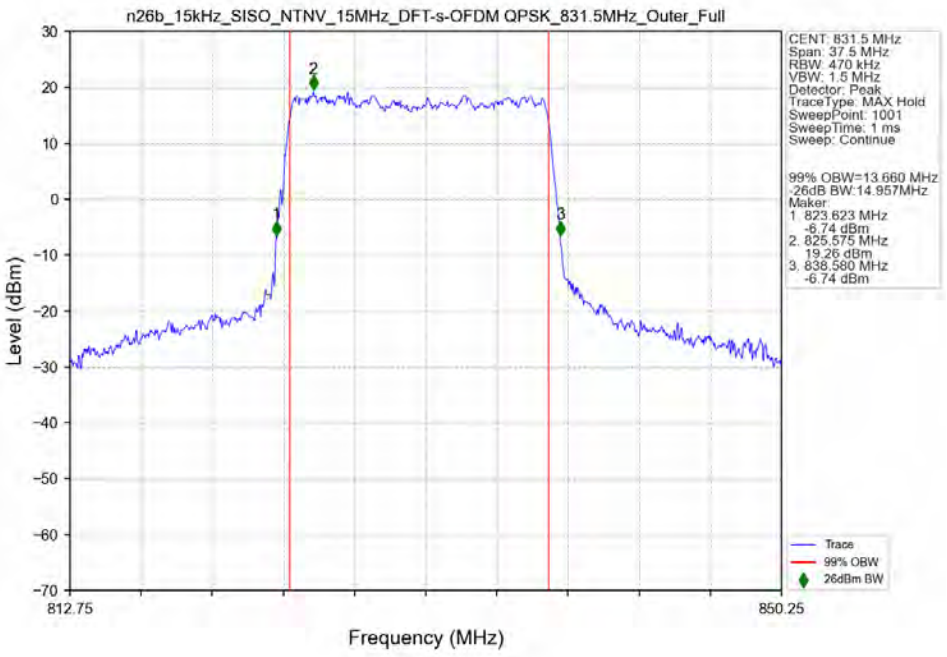
3.2.3 15k_SISO_15MHz_NTNV

n26b_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_831.5MHz_Outer_Full_Ant31

n26b_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_836.5MHz_Outer_Full_Ant31


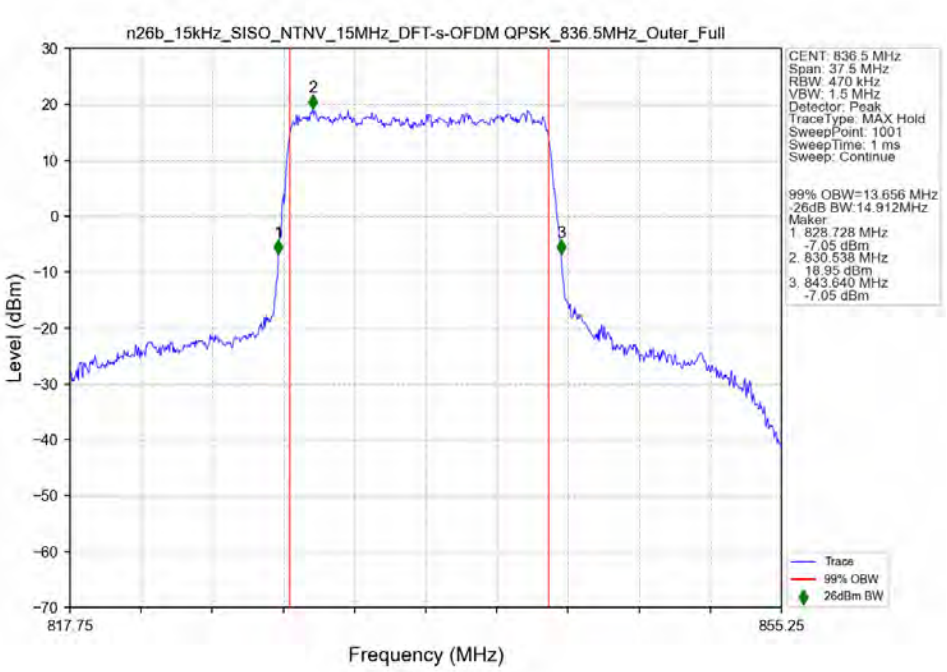
n26b_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_841.5MHz_Outer_Full_Ant31



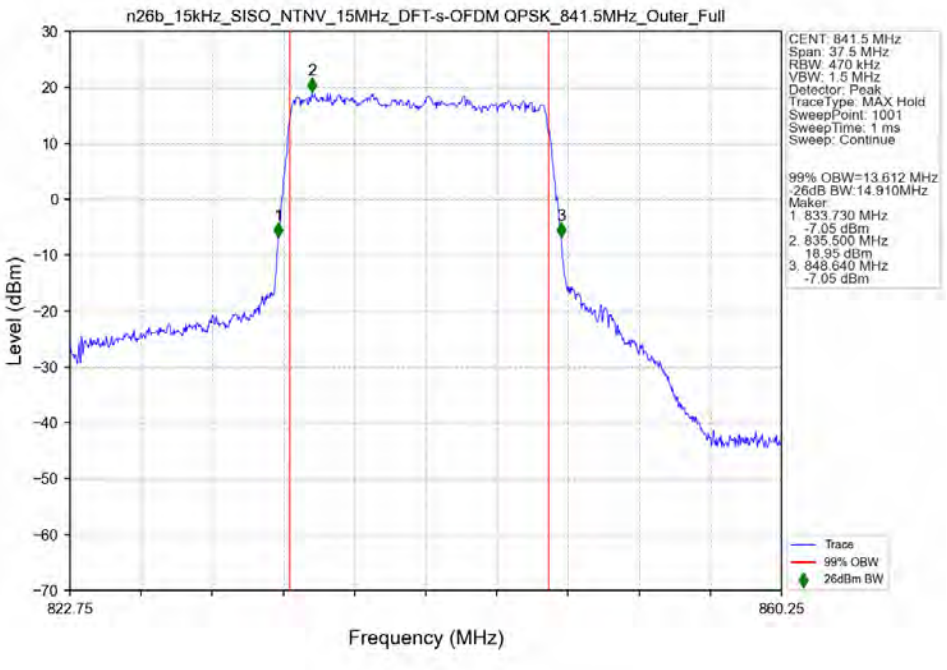
n26b_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_831.5MHz_Outer_Full_Ant31



n26b_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_836.5MHz_Outer_Full_Ant31



n26b_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_841.5MHz_Outer_Full_Ant31



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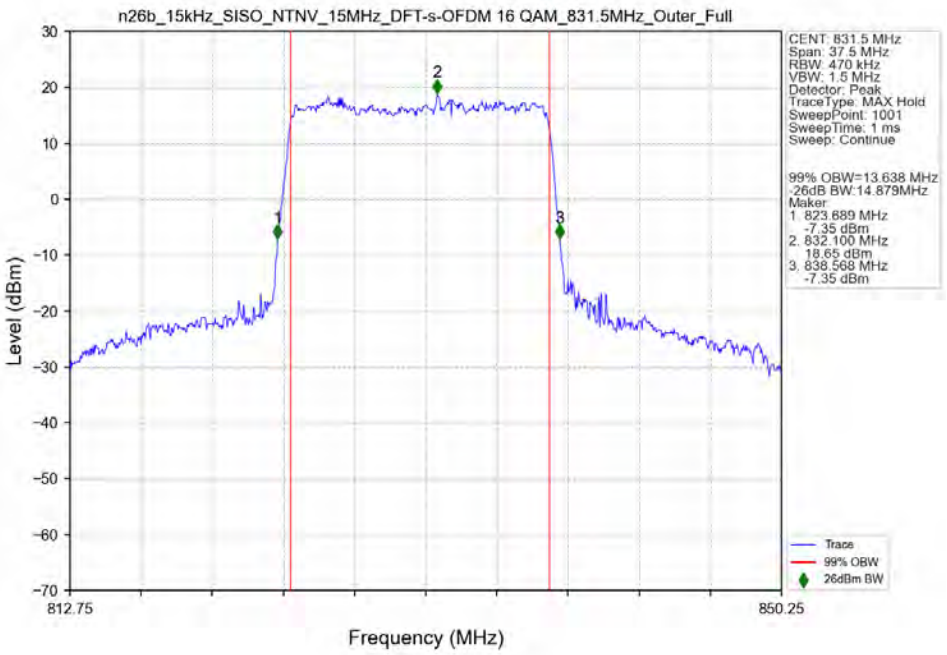

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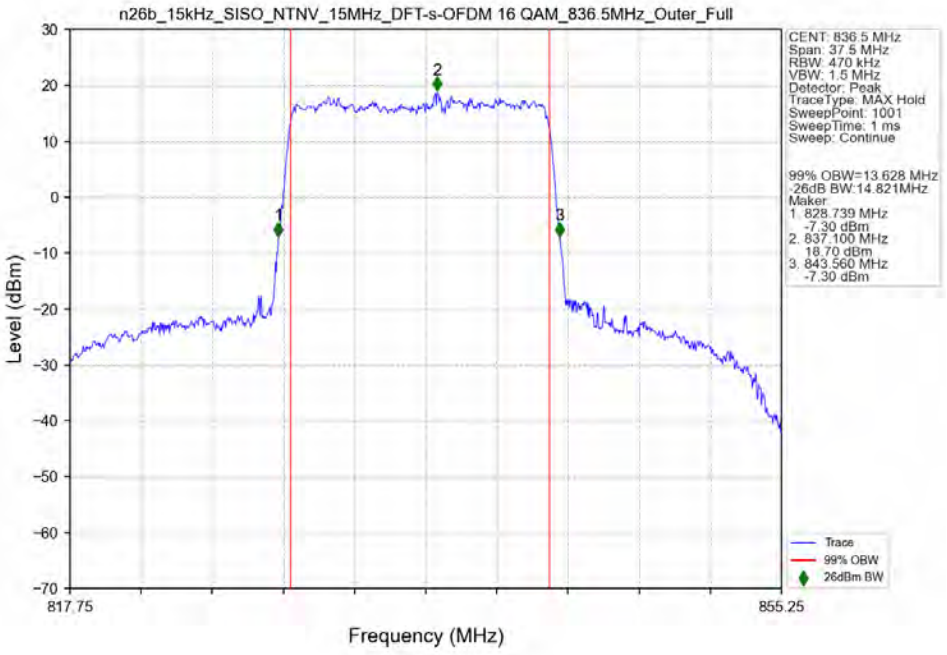

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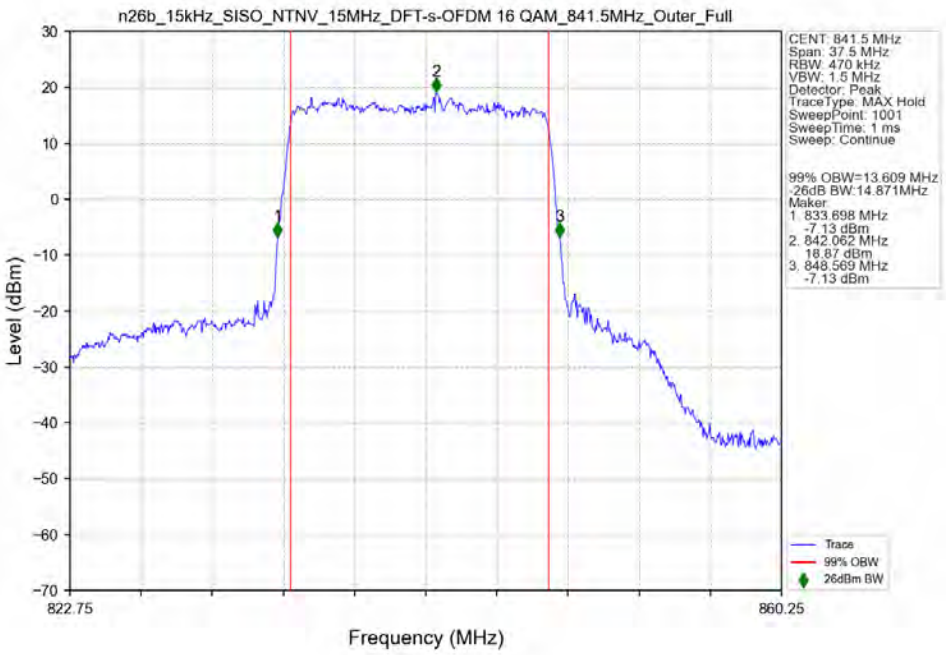

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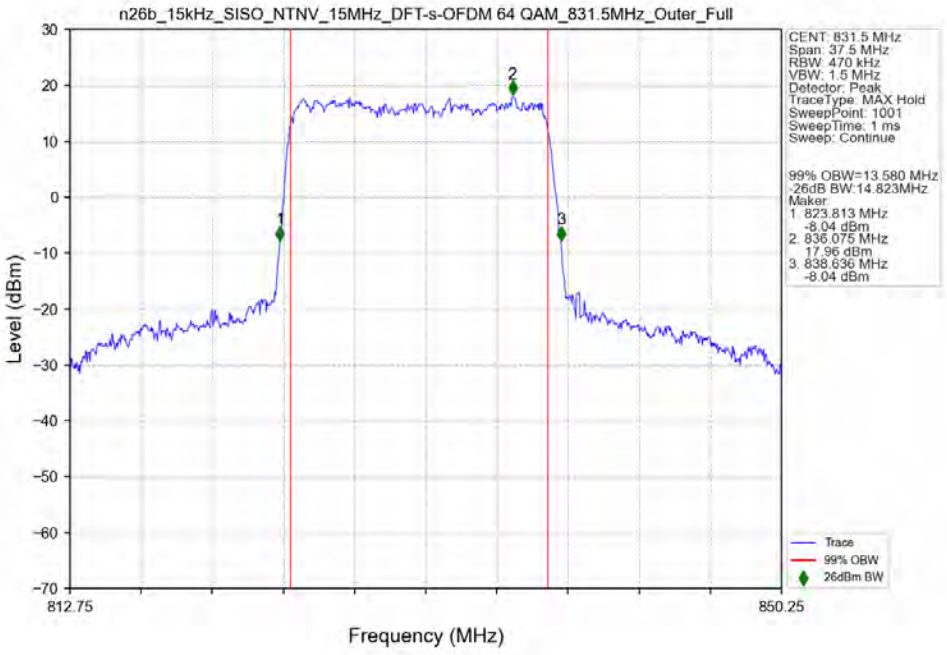

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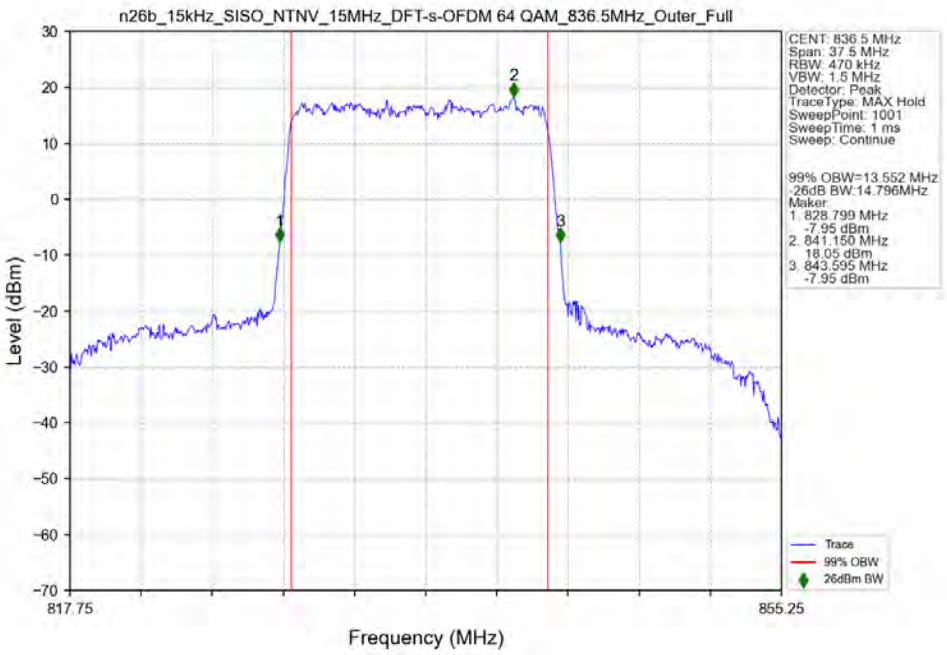

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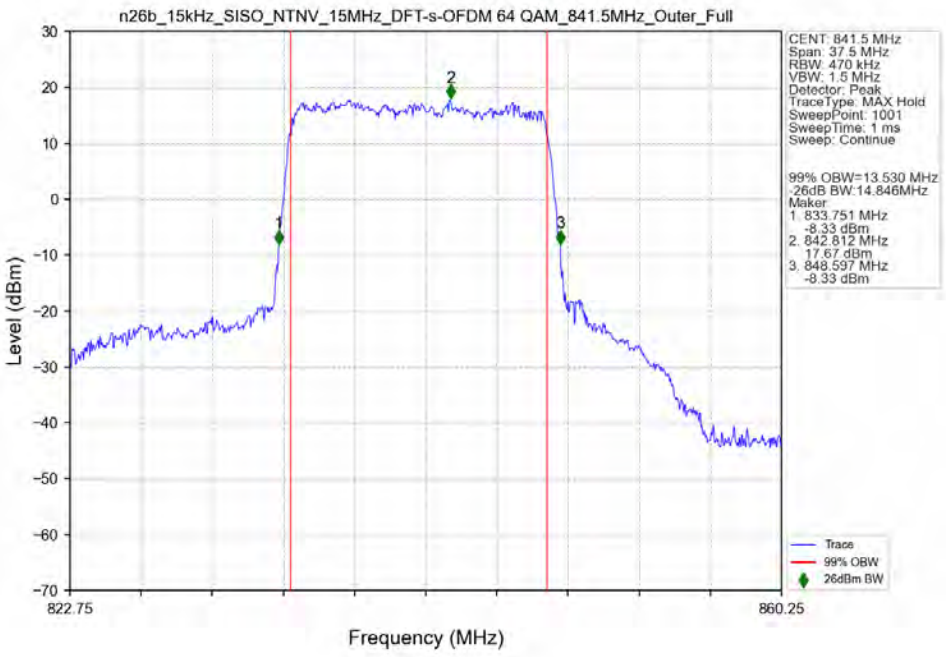

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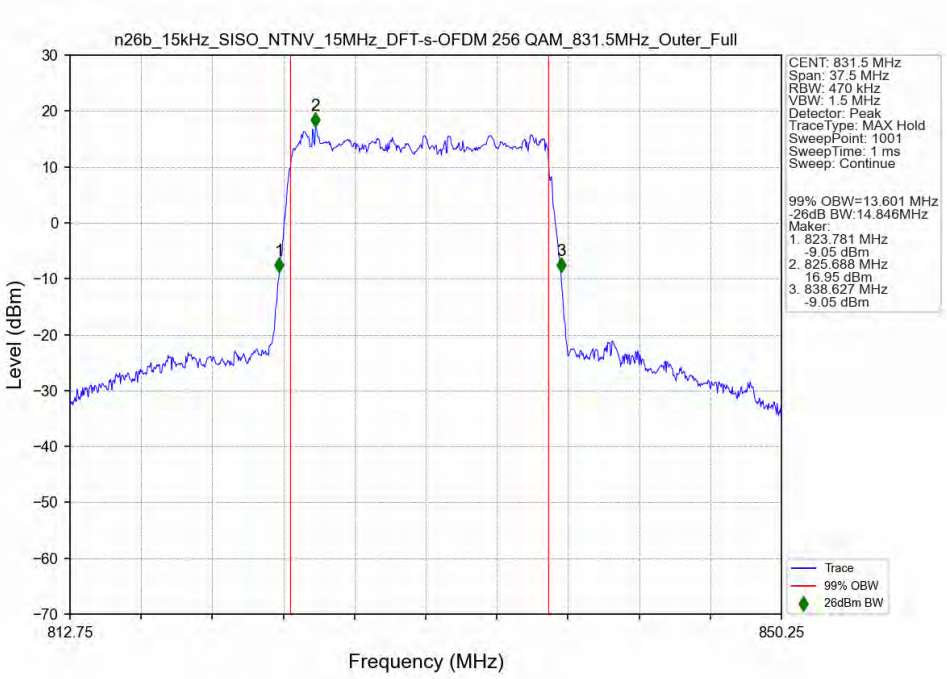

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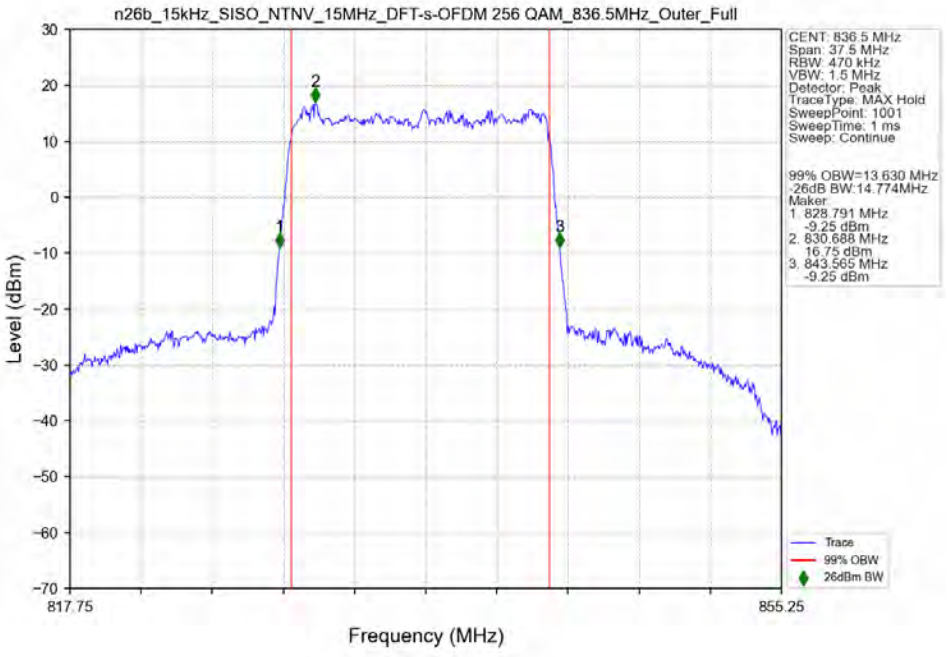

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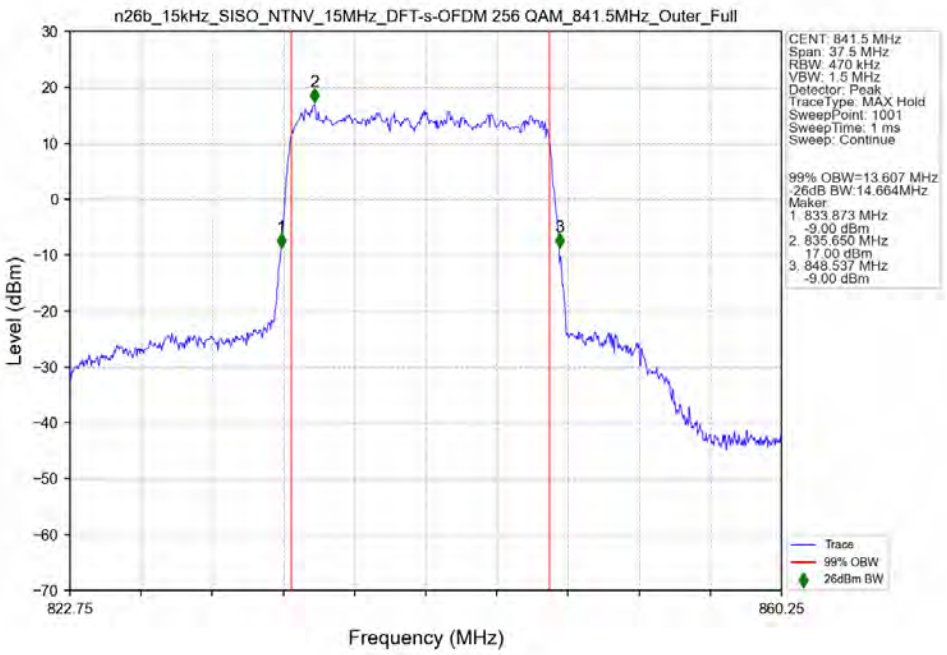

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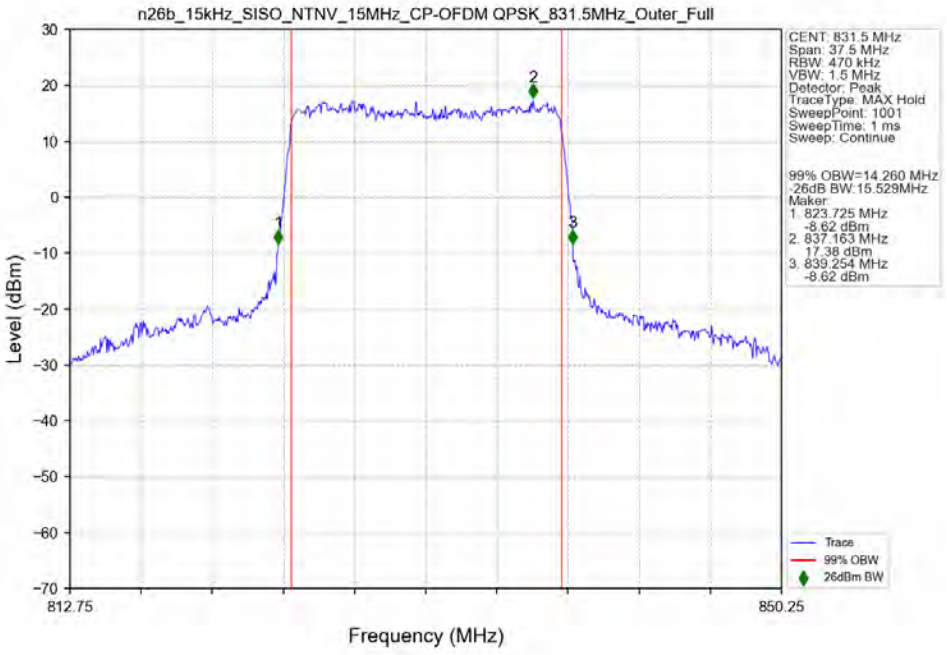

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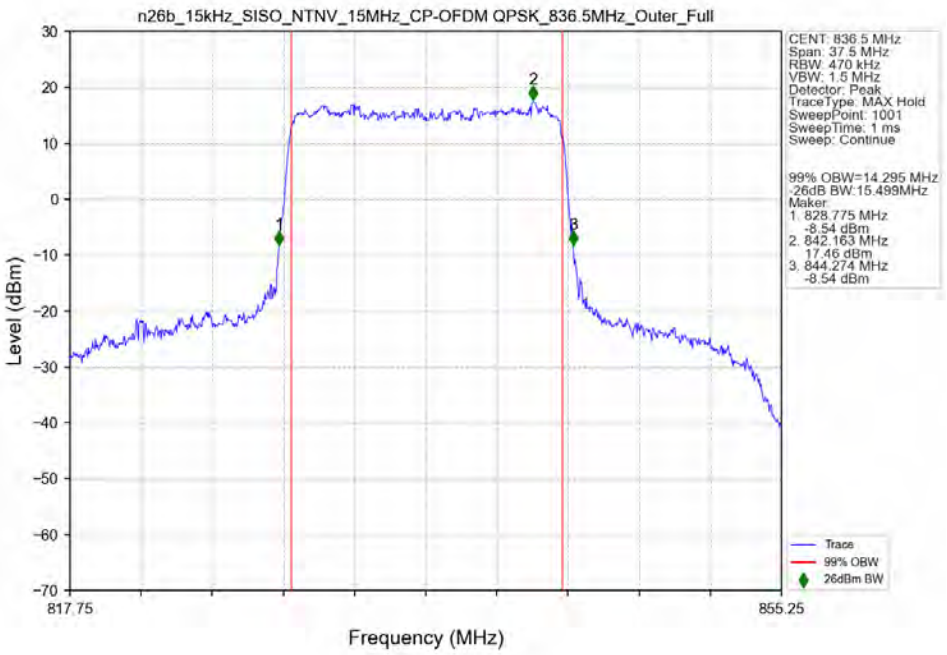

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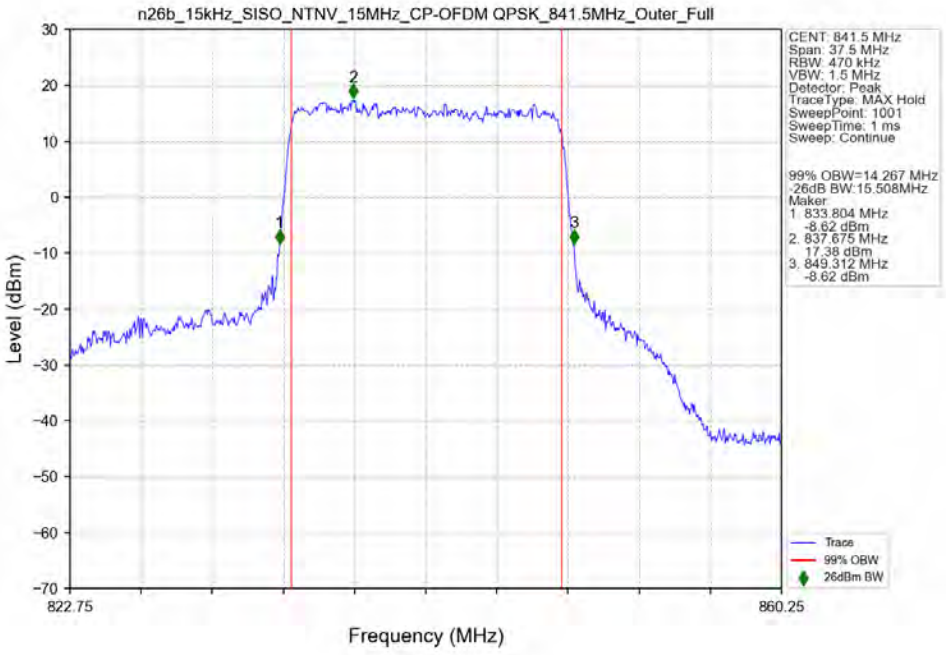
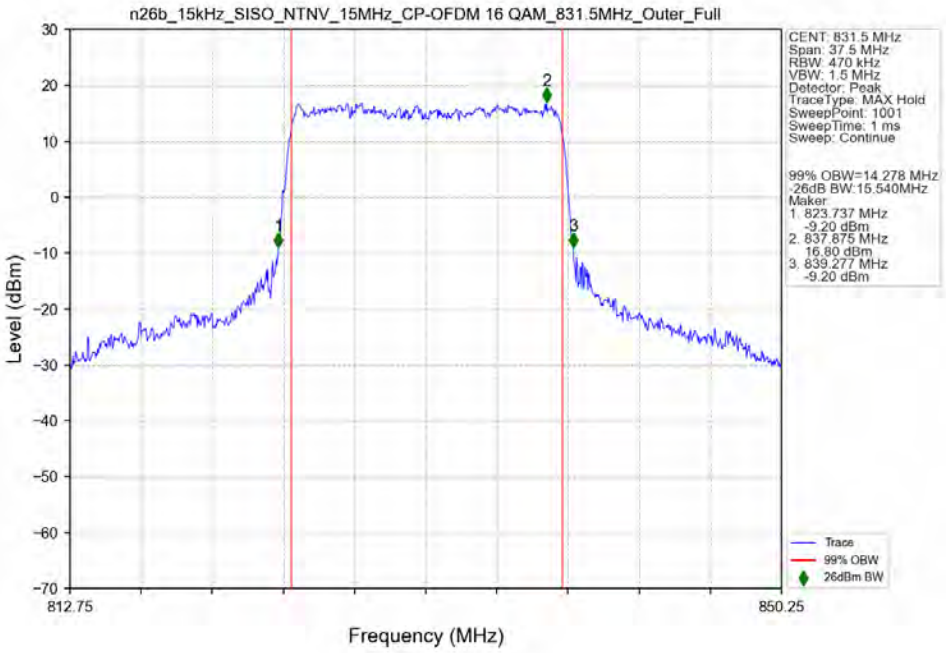
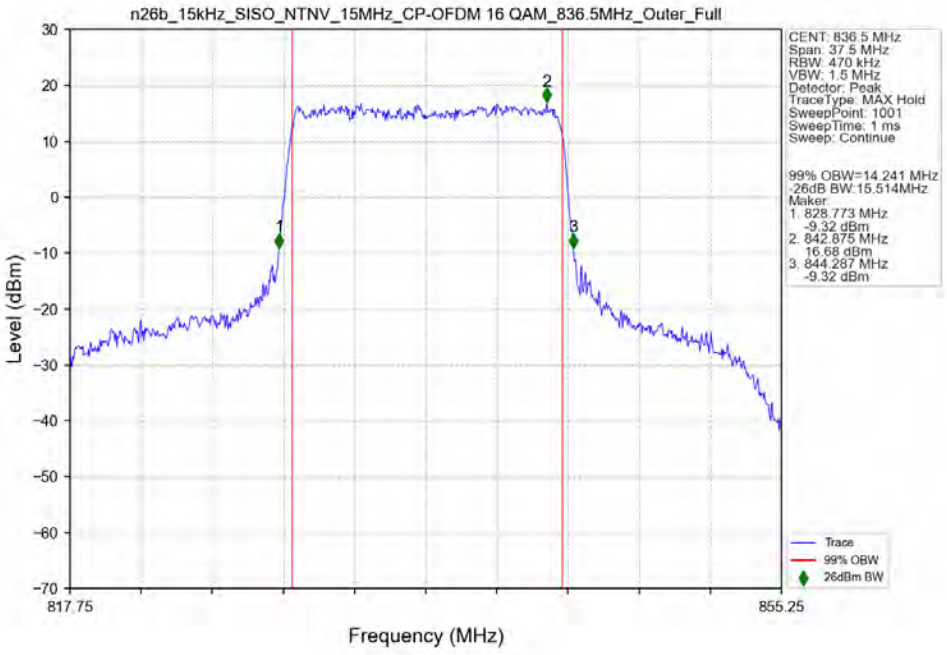


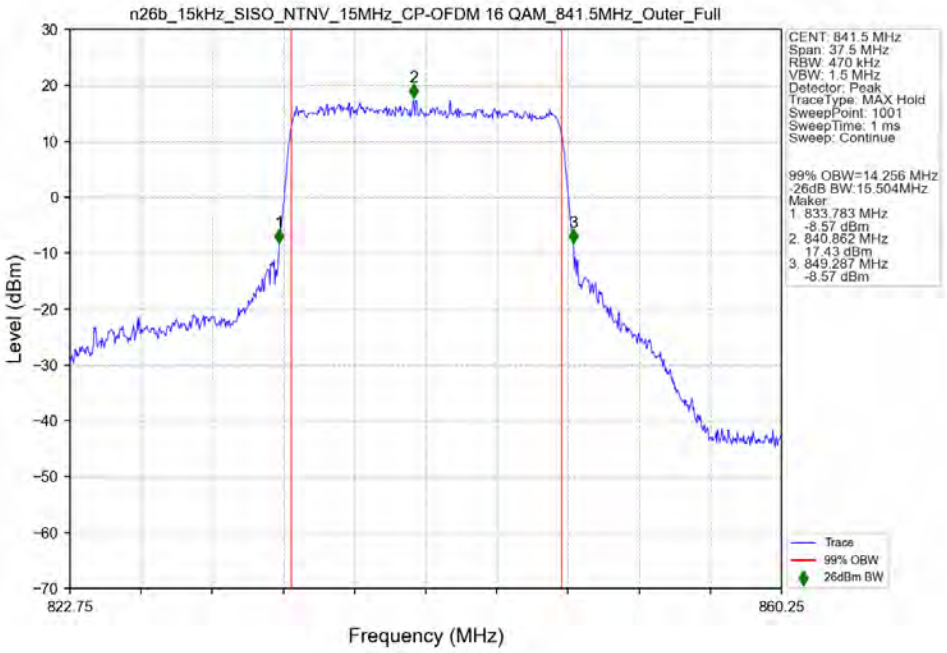
n26b_15kHz_SISO_NTNV_15MHz_CP-OFDM 16 QAM_831.5MHz_Outer_Full_Ant31



n26b_15kHz_SISO_NTNV_15MHz_CP-OFDM 16 QAM_836.5MHz_Outer_Full_Ant31



n26b_15kHz_SISO_NTNV_15MHz_CP-OFDM 16 QAM_841.5MHz_Outer_Full_Ant31



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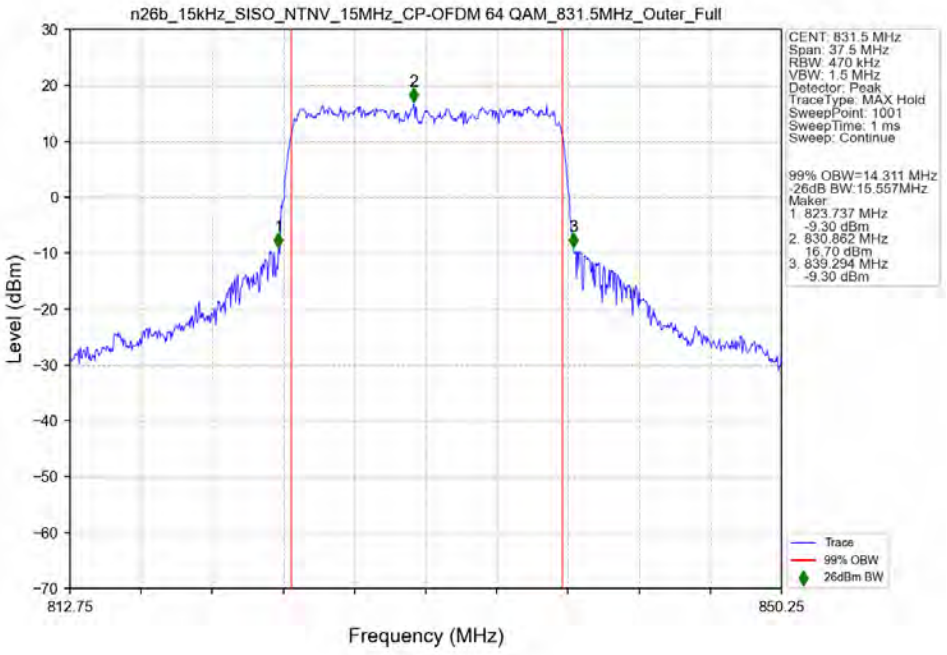

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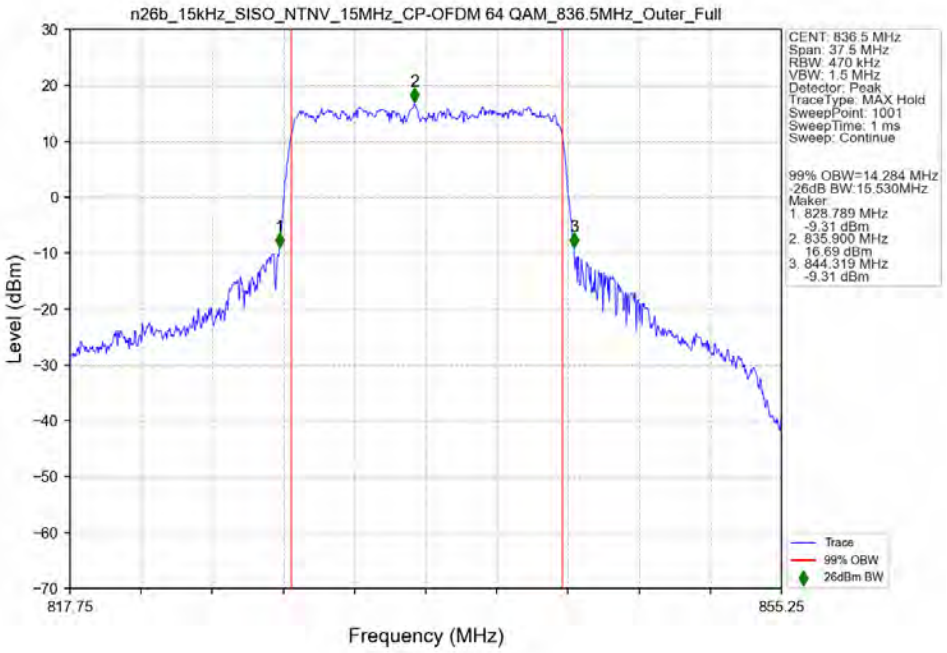
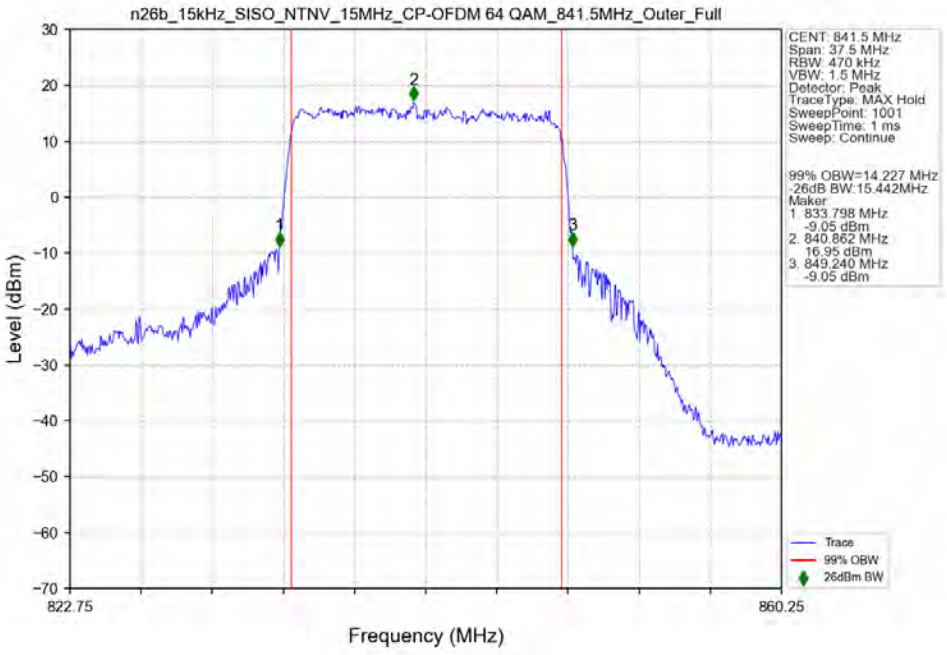
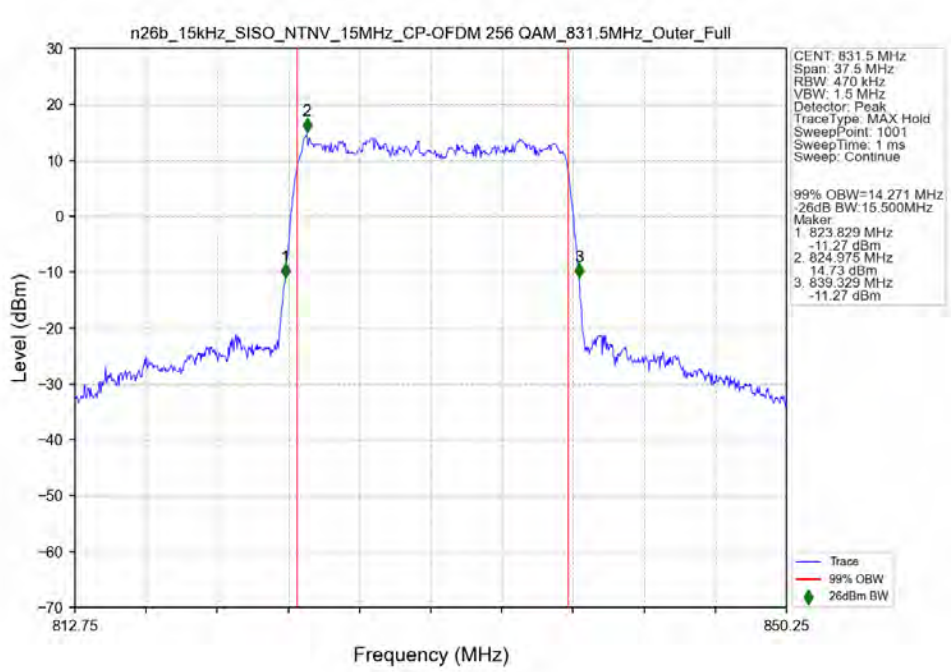


n26b_15kHz_SISO_NTNV_15MHz_CP-OFDM 64 QAM_841.5MHz_Outer_Full_Ant31



n26b_15kHz_SISO_NTNV_15MHz_CP-OFDM 256 QAM_831.5MHz_Outer_Full_Ant31



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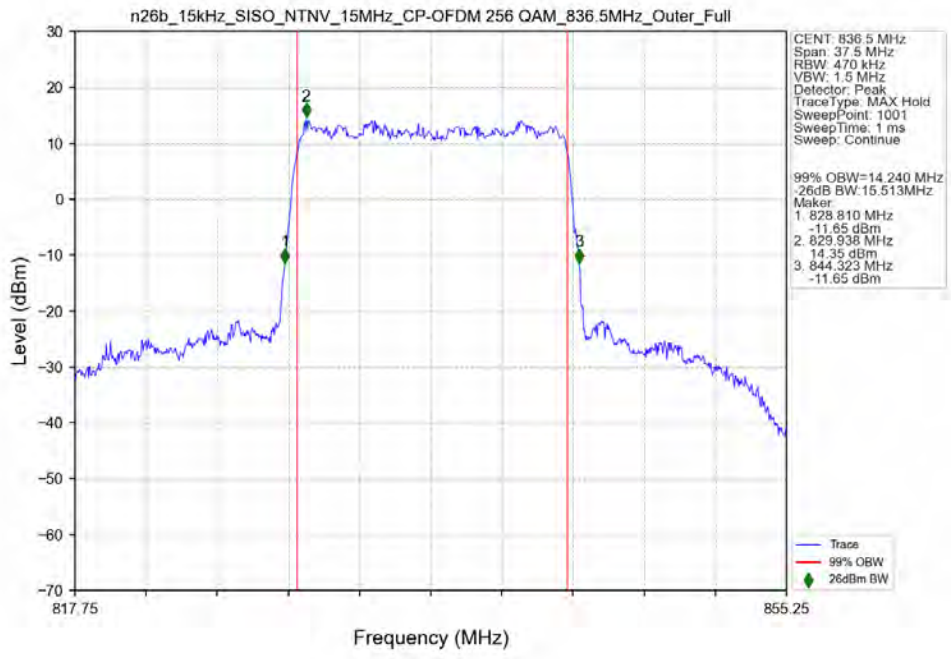
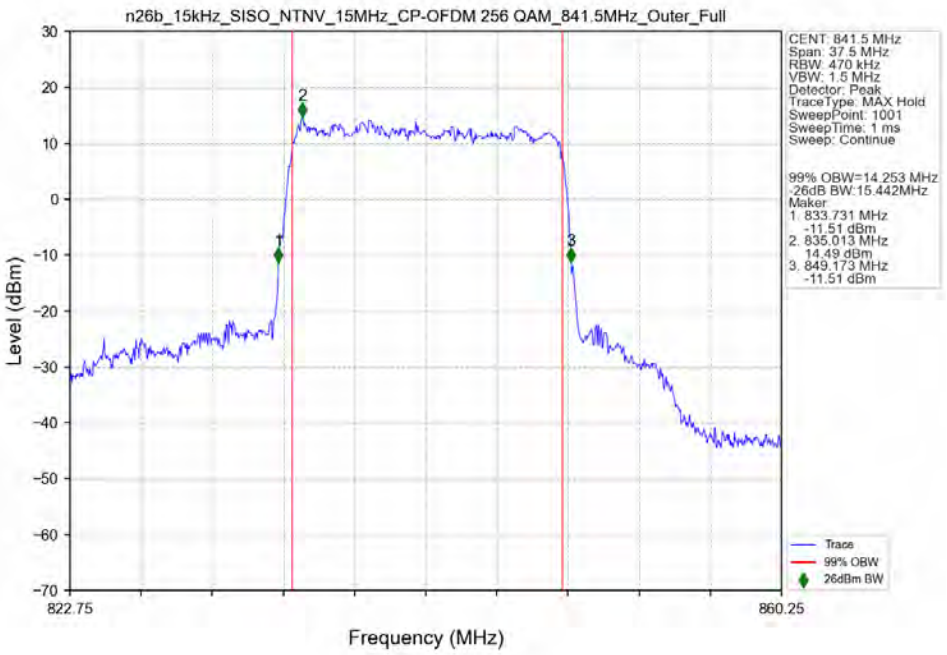
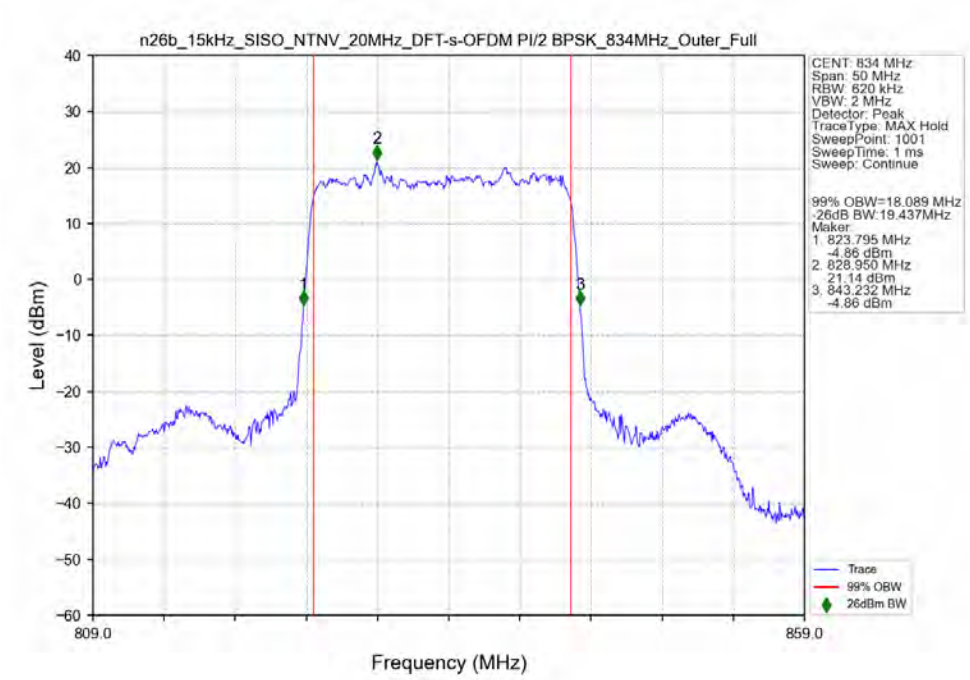


n26b_15kHz_SISO_NTNV_15MHz_CP-OFDM 256 QAM_841.5MHz_Outer_Full_Ant31



3.2.4 15k_SISO_20MHz_NTNV

n26b_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_834MHz_Outer_Full_Ant31

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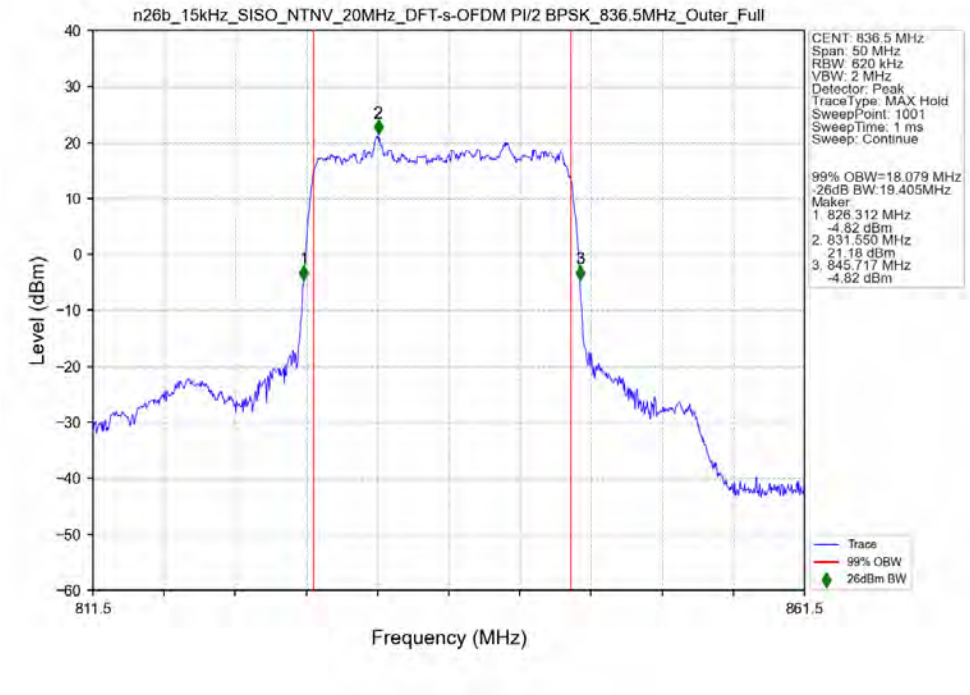

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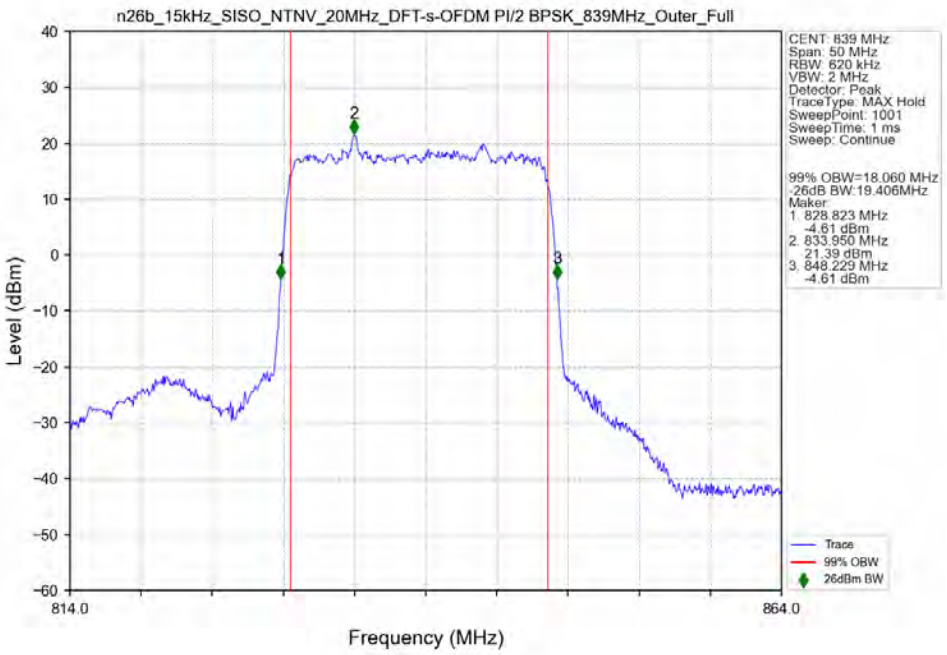
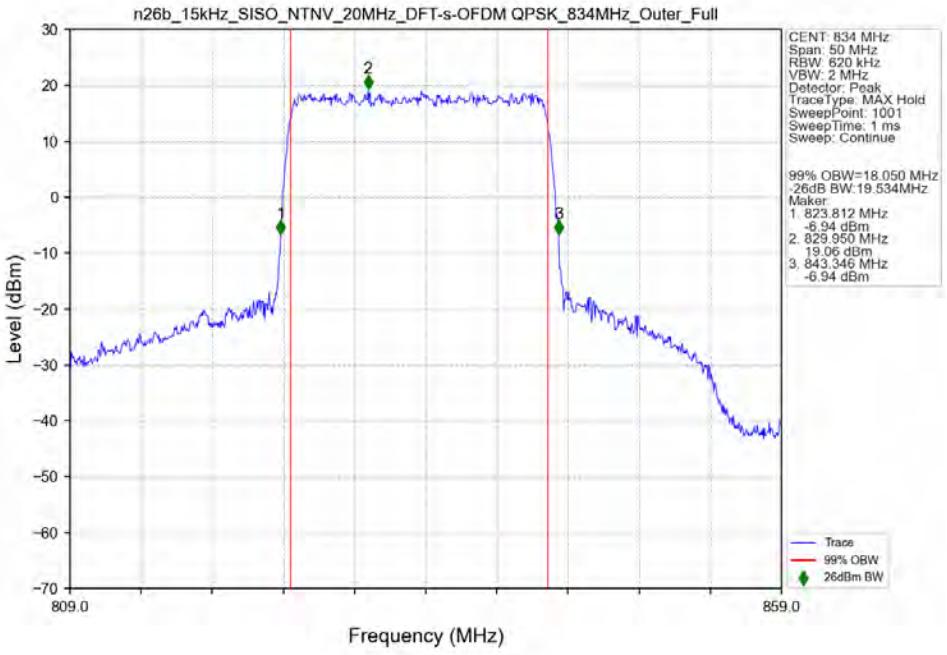


n26b_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_834MHz_Outer_Full_Ant31



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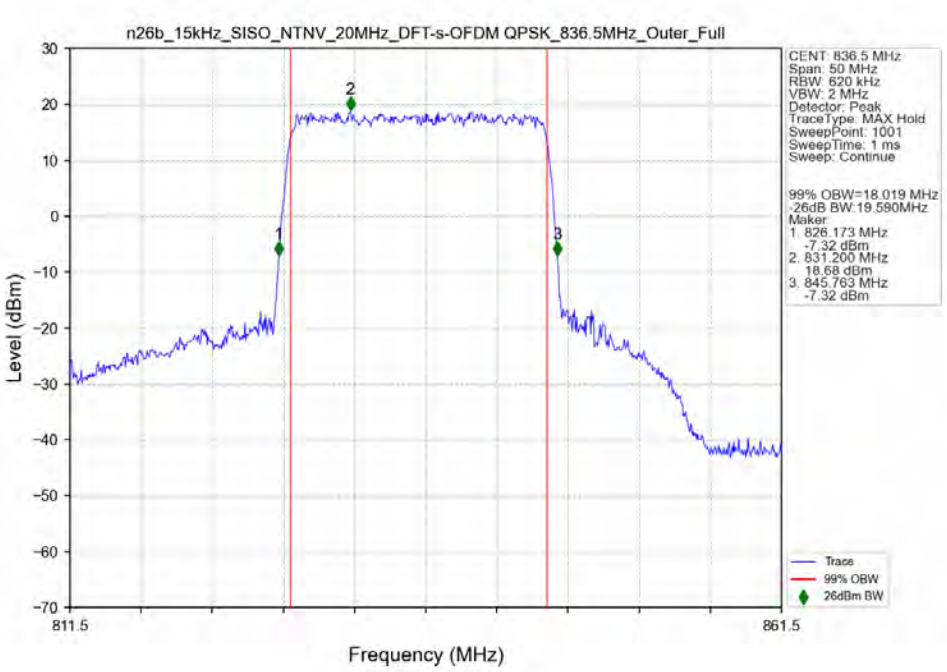
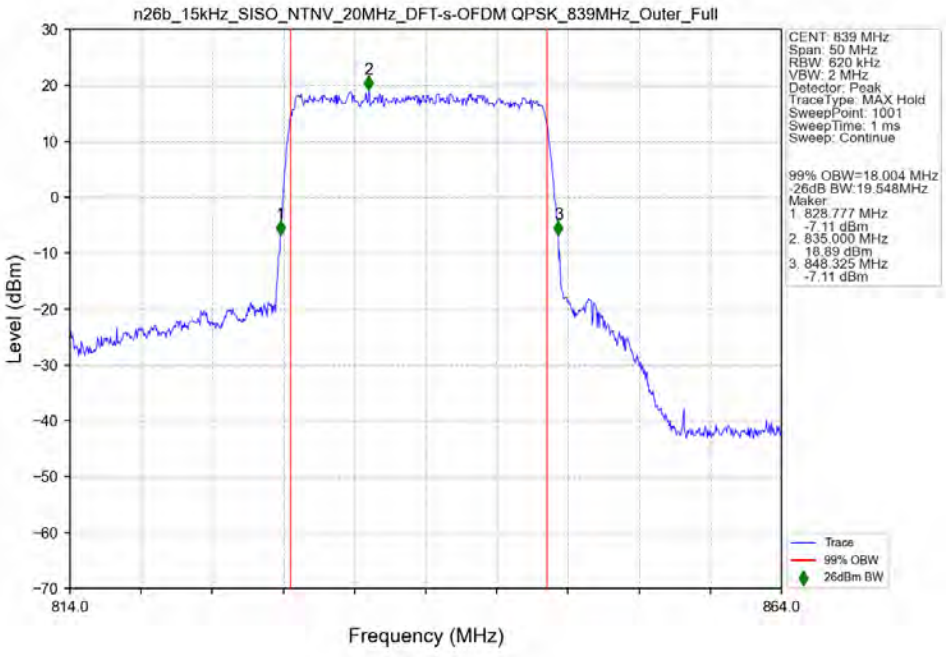
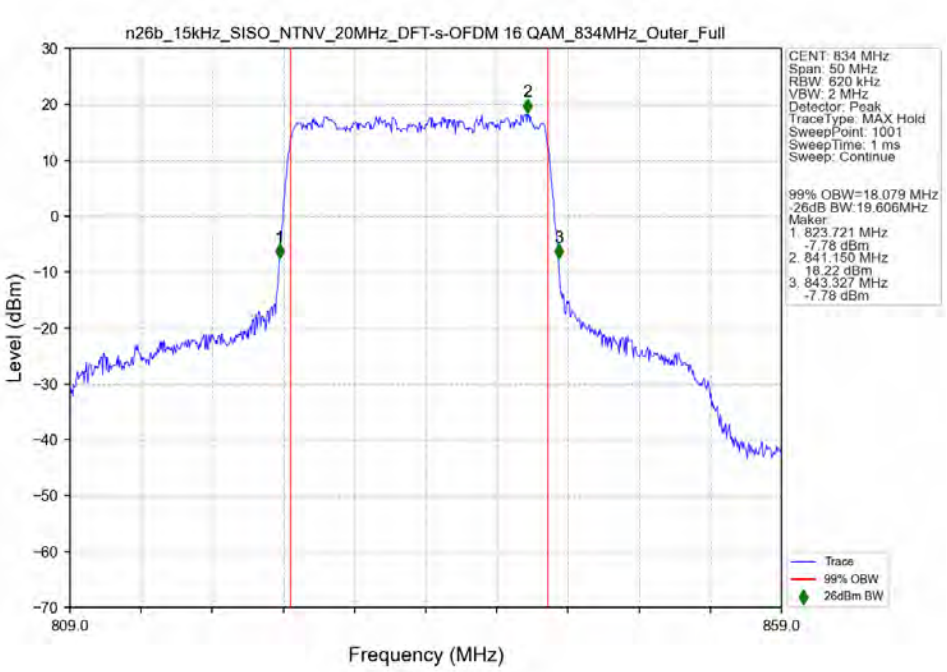


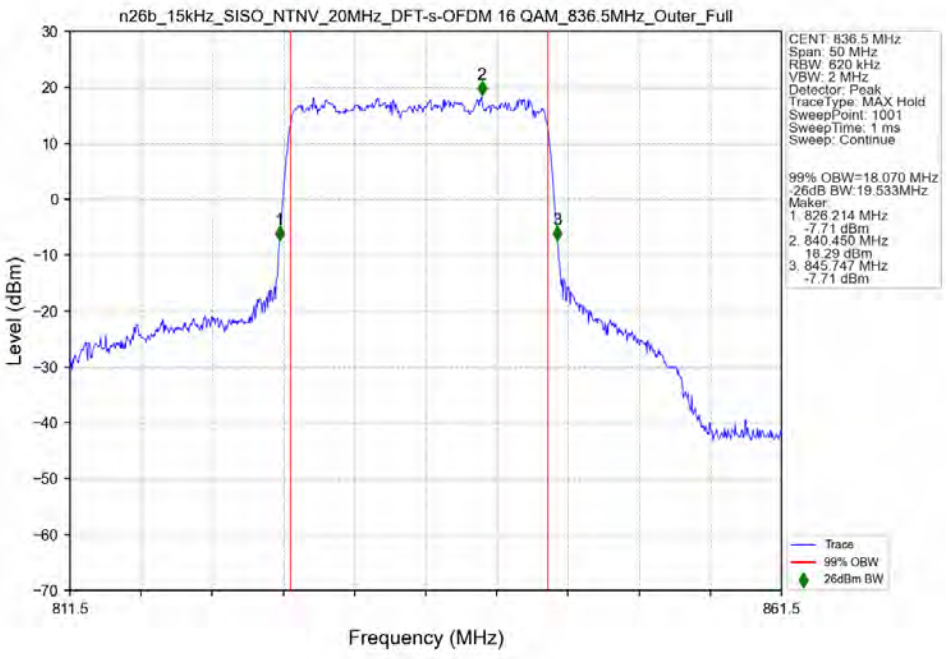
n26b_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_839MHz_Outer_Full_Ant31



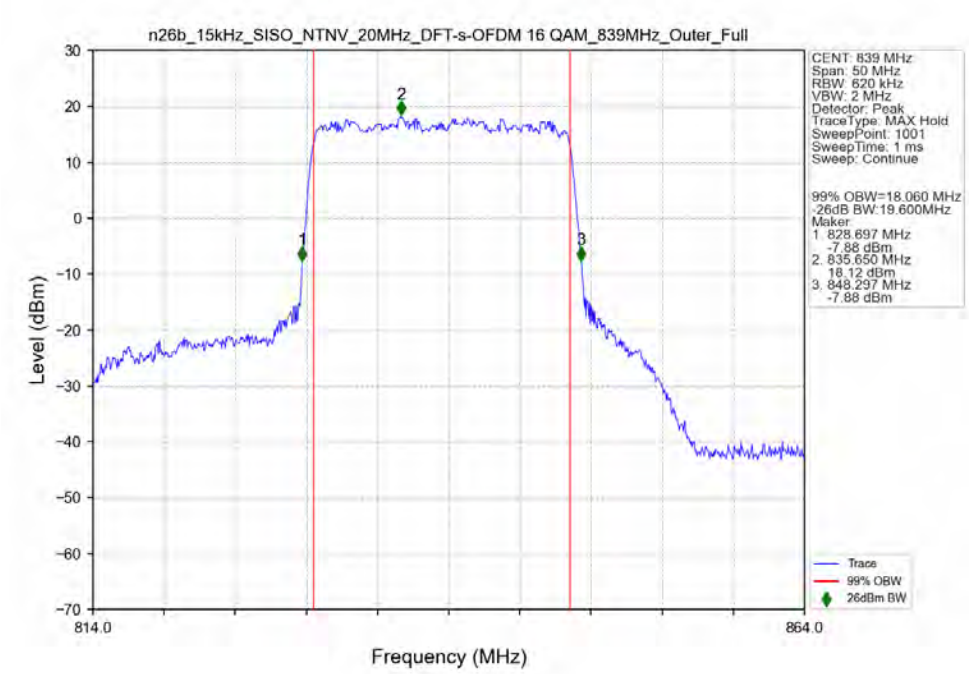
n26b_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 16 QAM_834MHz_Outer_Full_Ant31



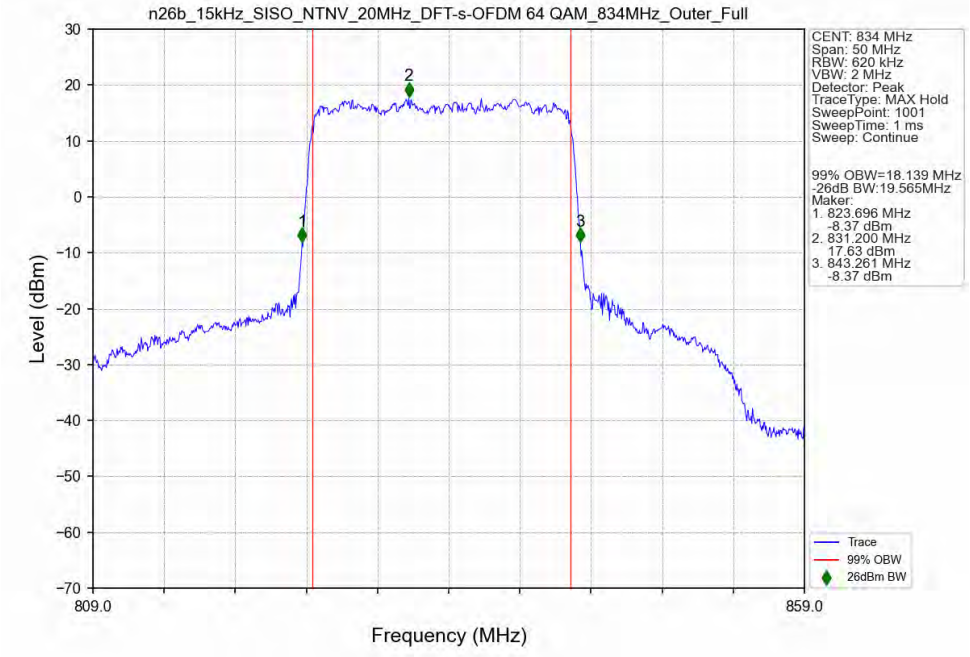
n26b_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 16 QAM_836.5MHz_Outer_Full_Ant31



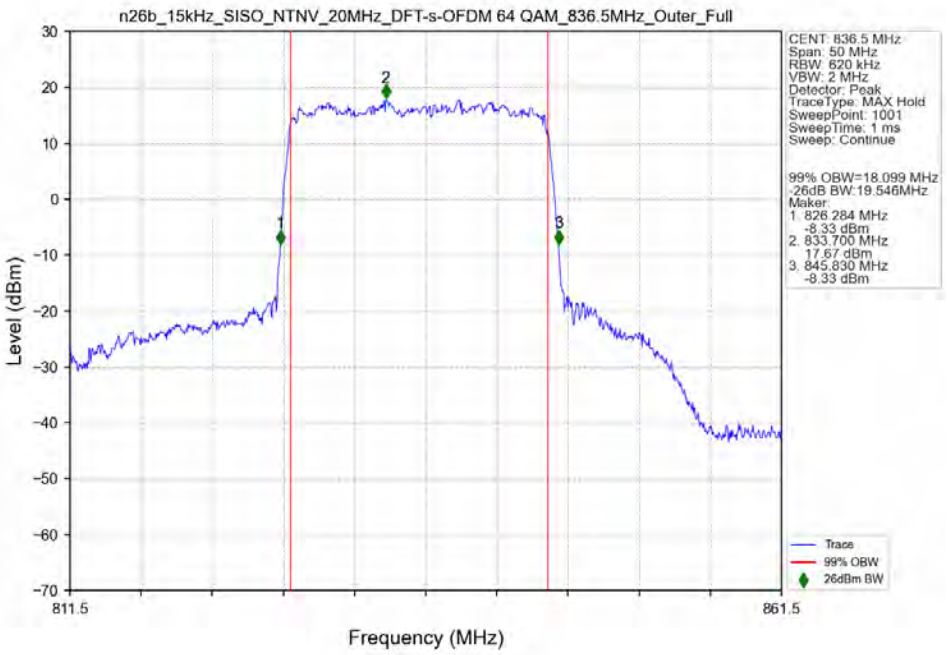
n26b_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 16 QAM_839MHz_Outer_Full_Ant31



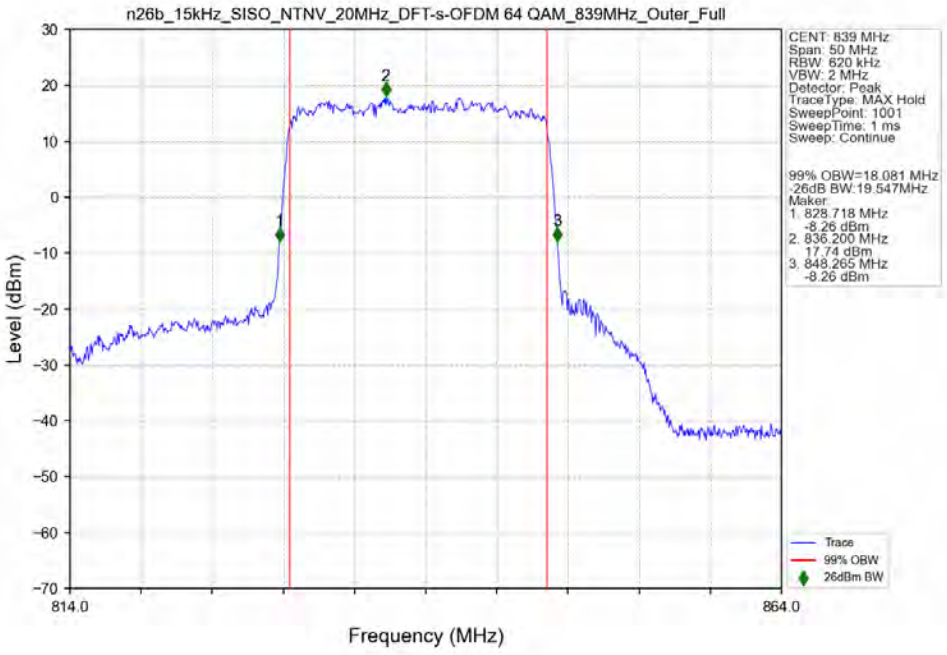
n26b_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 64 QAM_834MHz_Outer_Full_Ant31



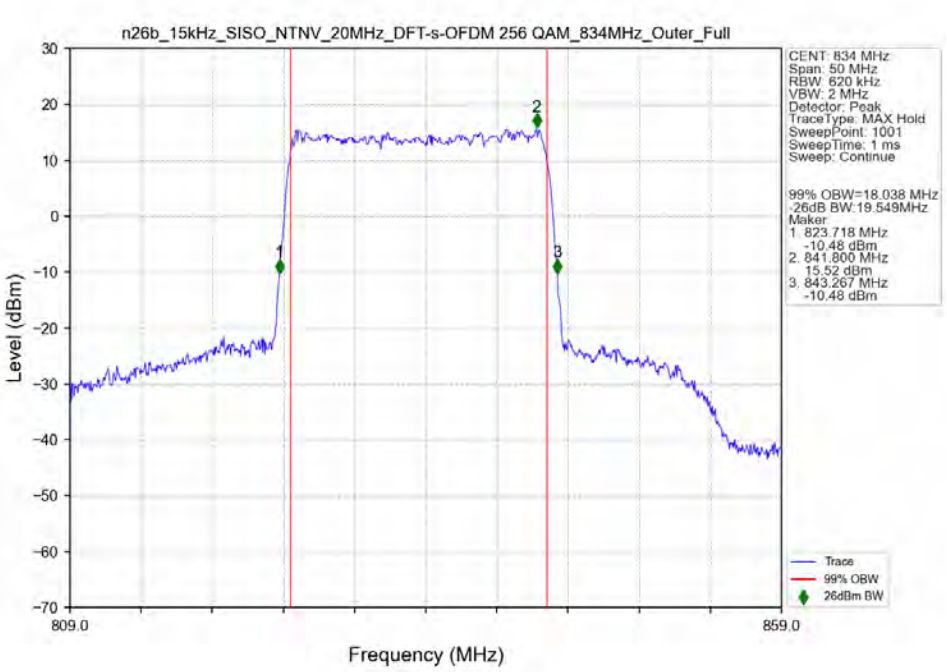
n26b_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 64 QAM_836.5MHz_Outer_Full_Ant31



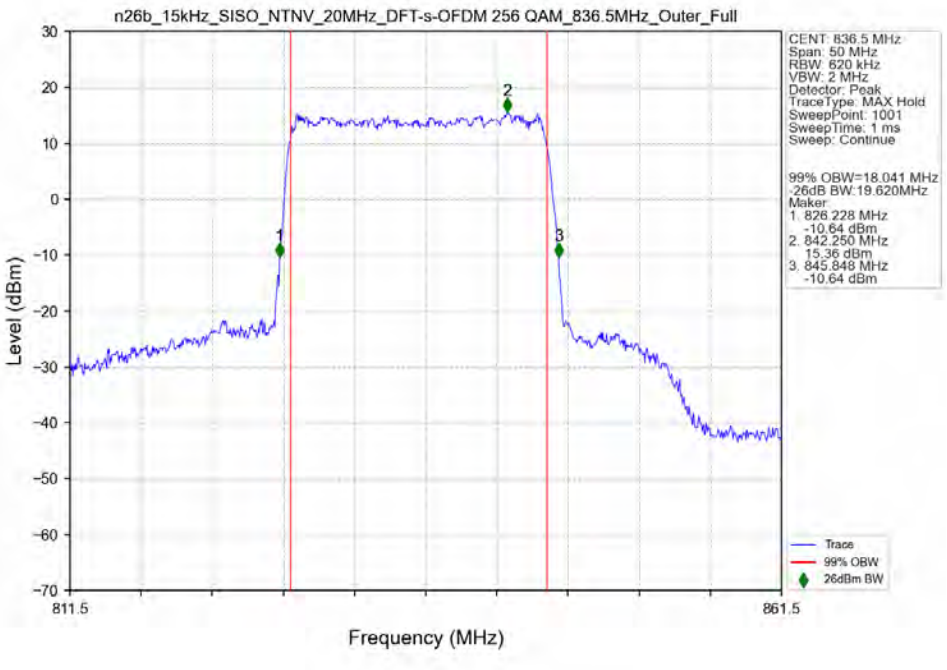
n26b_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 64 QAM_839MHz_Outer_Full_Ant31



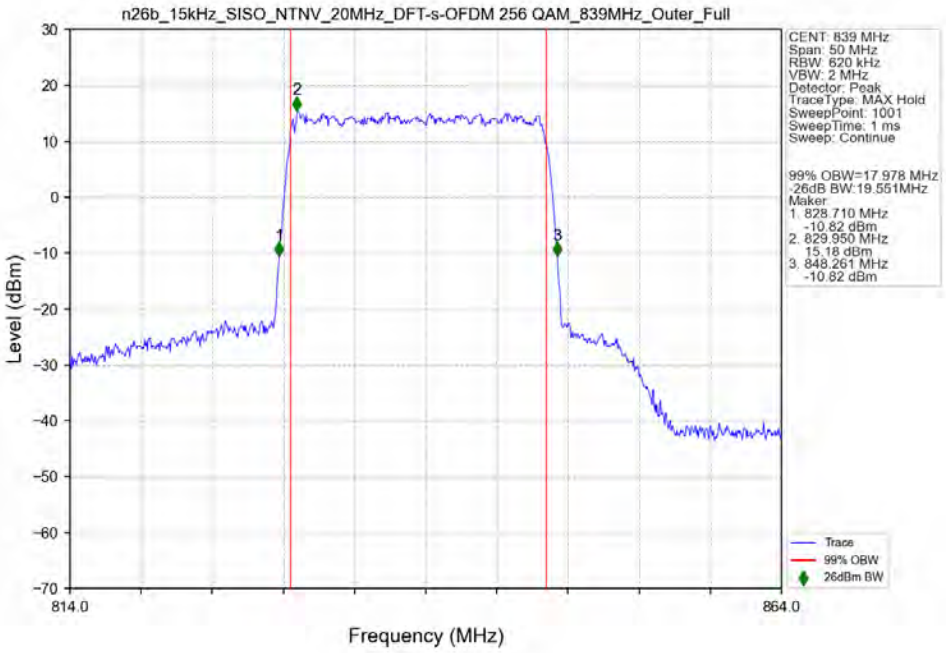
n26b_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 256 QAM_834MHz_Outer_Full_Ant31



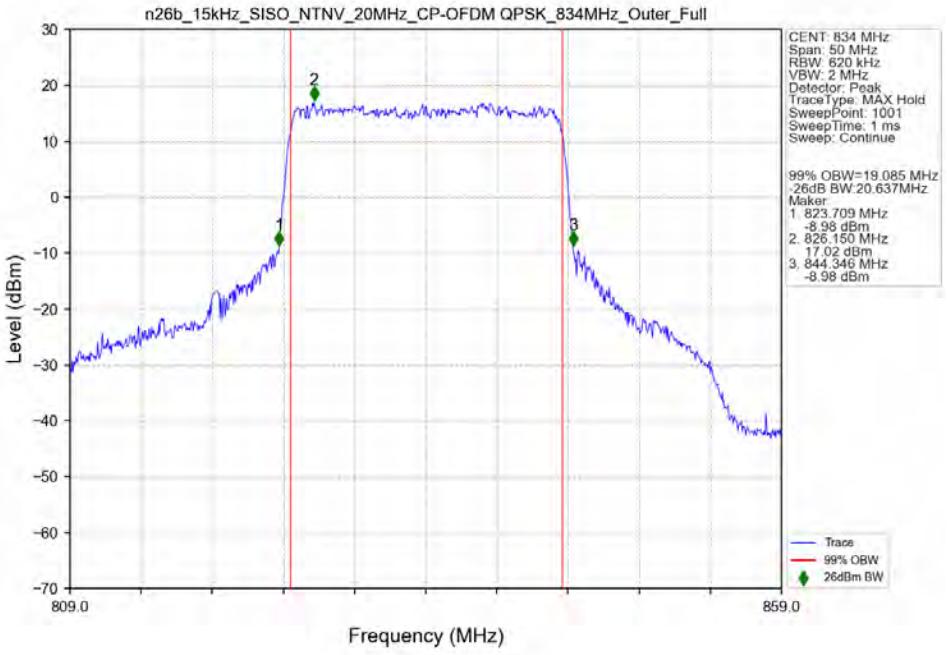
n26b_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 256 QAM_836.5MHz_Outer_Full_Ant31



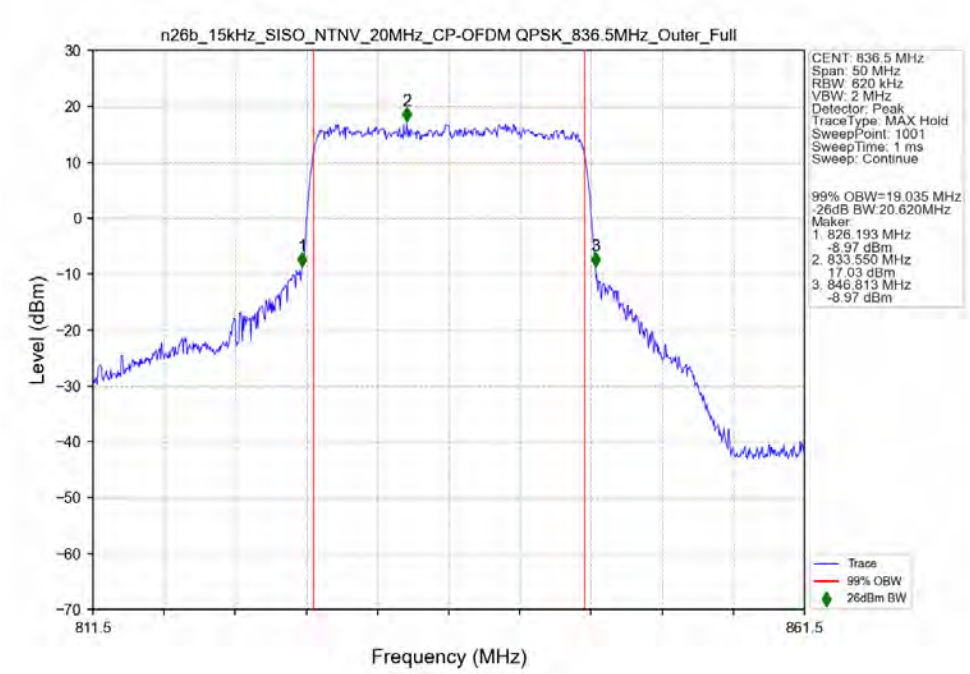
n26b_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 256 QAM_839MHz_Outer_Full_Ant31



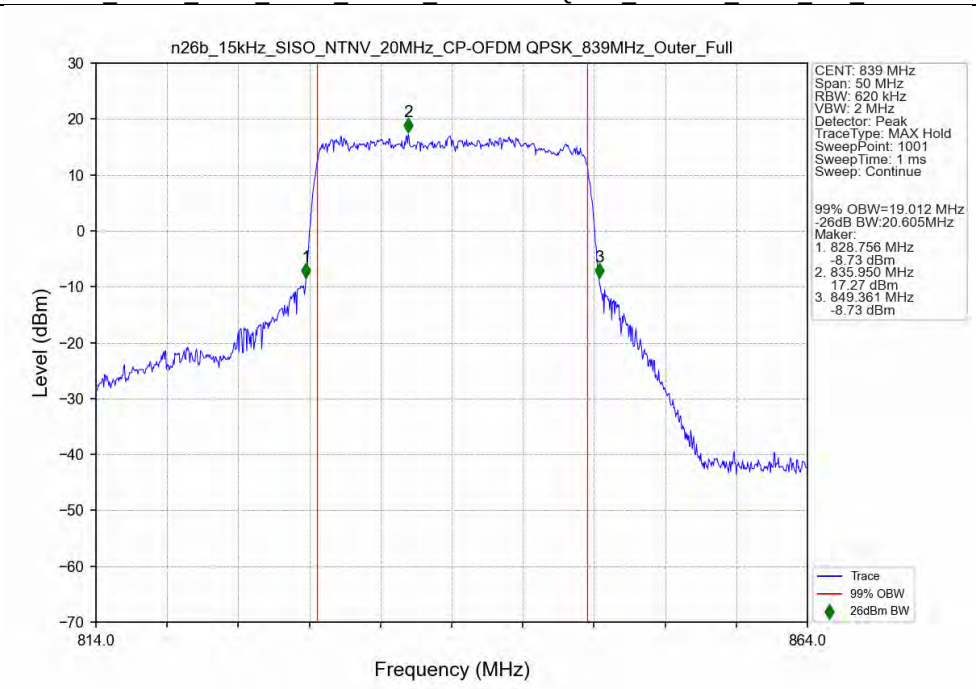
n26b_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_834MHz_Outer_Full_Ant31



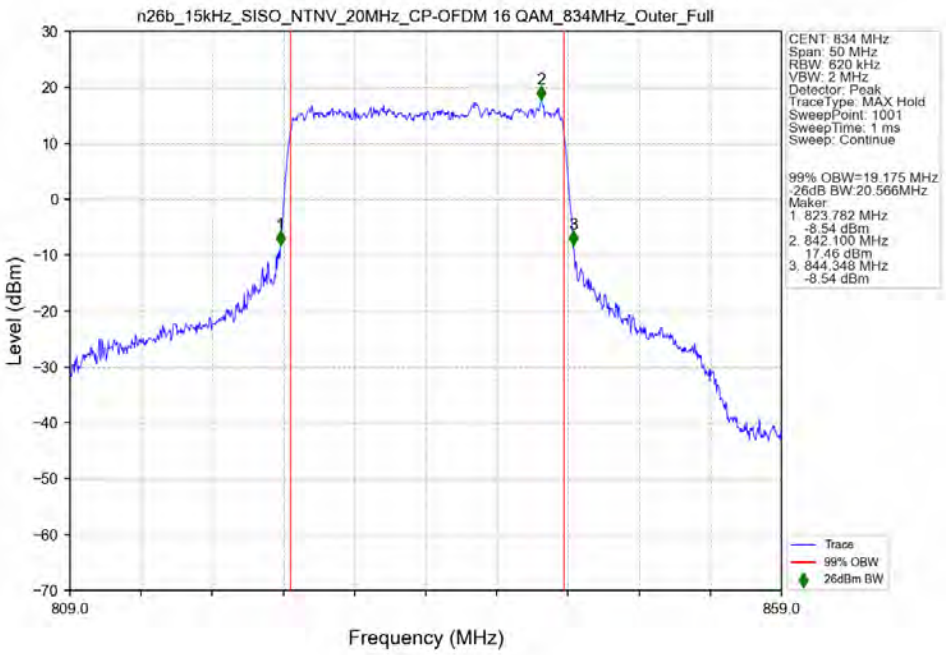
n26b_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_836.5MHz_Outer_Full_Ant31



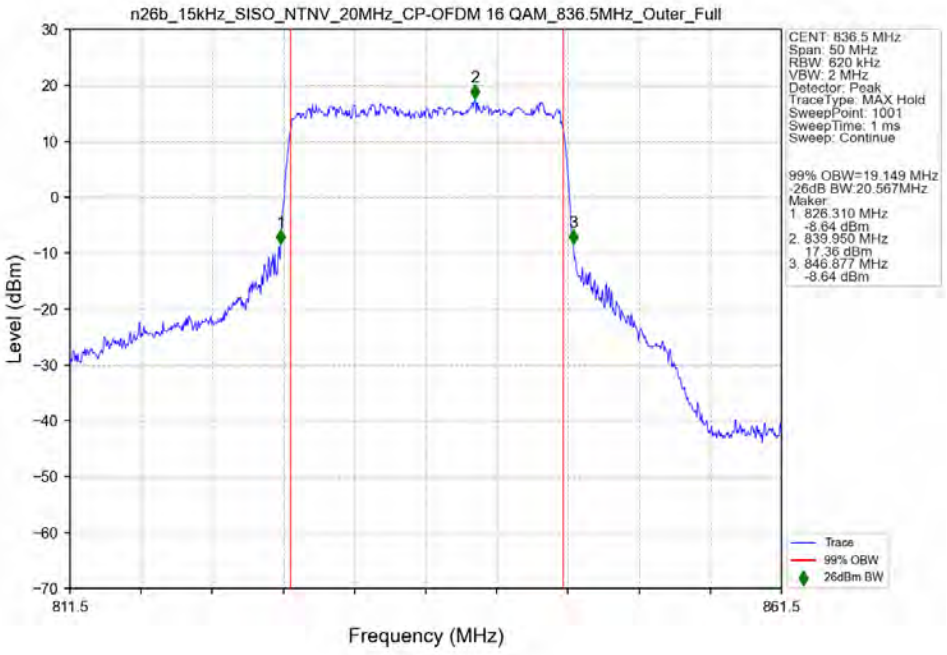
n26b_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_839MHz_Outer_Full_Ant31



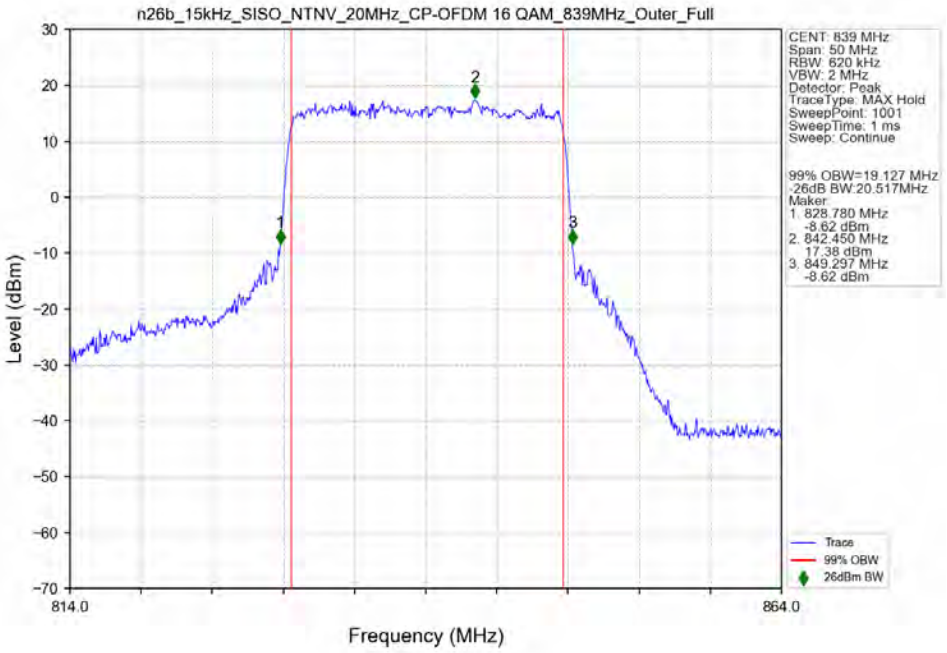
n26b_15kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM_834MHz_Outer_Full_Ant31



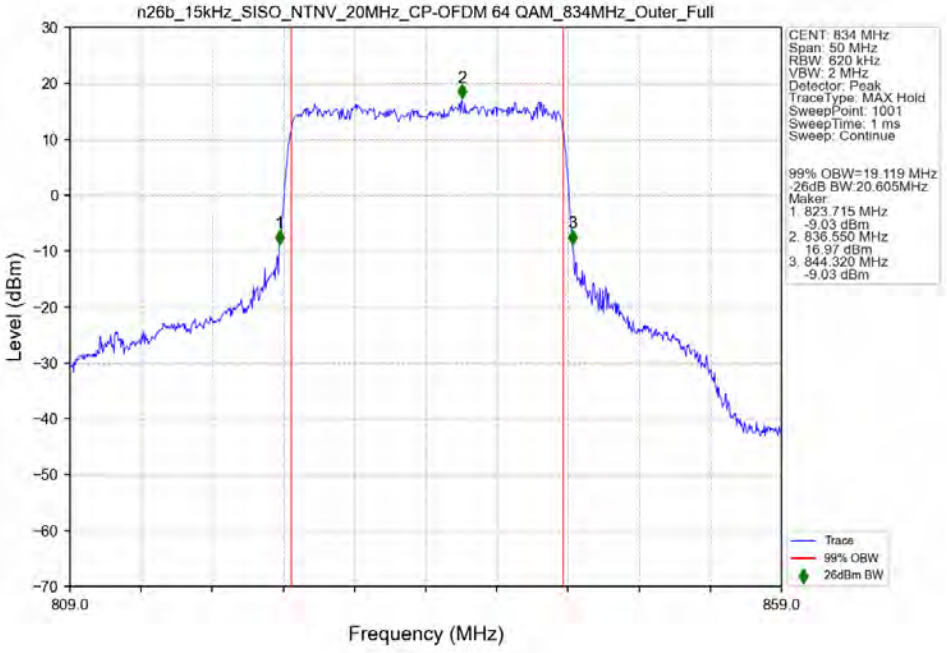
n26b_15kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM_836.5MHz_Outer_Full_Ant31



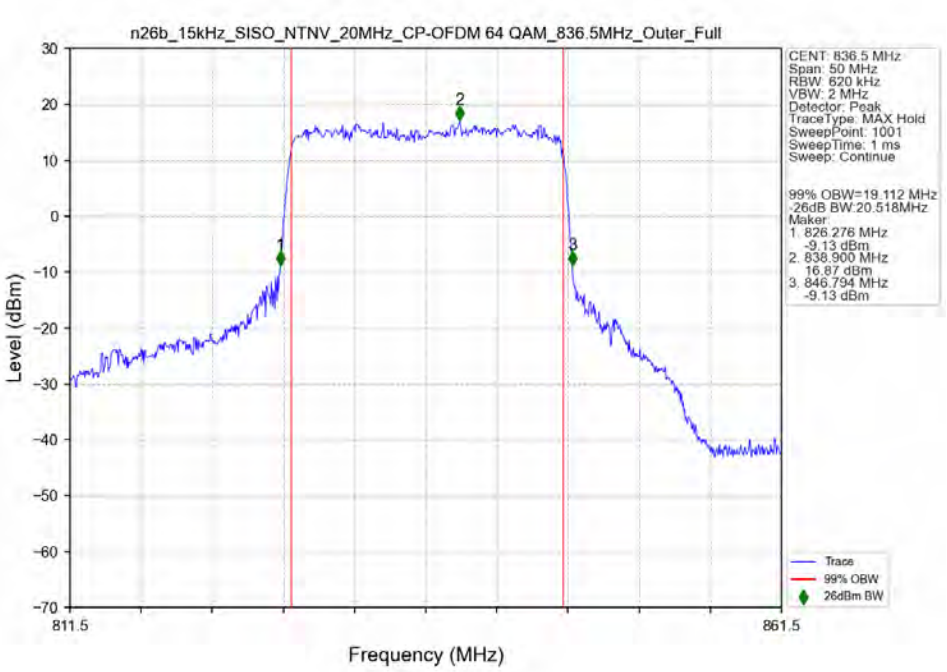
n26b_15kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM_839MHz_Outer_Full_Ant31



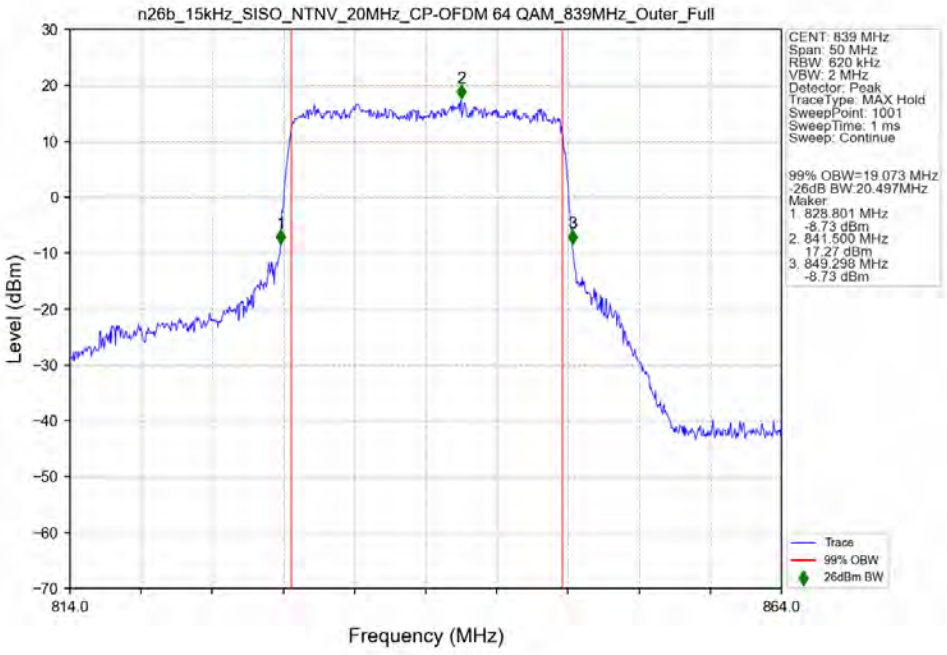
n26b_15kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM_834MHz_Outer_Full_Ant31



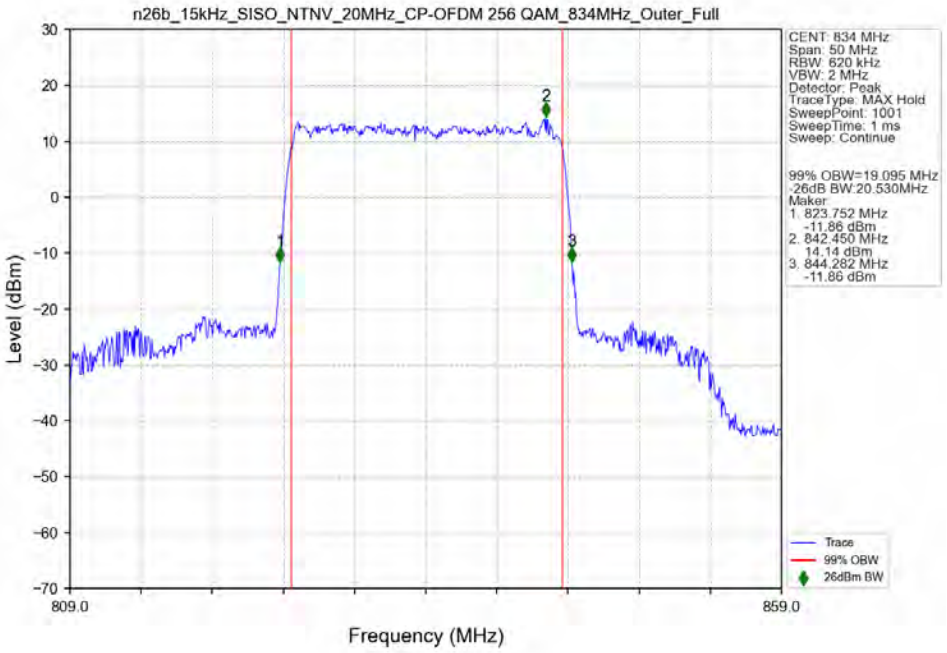
n26b_15kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM_836.5MHz_Outer_Full_Ant31



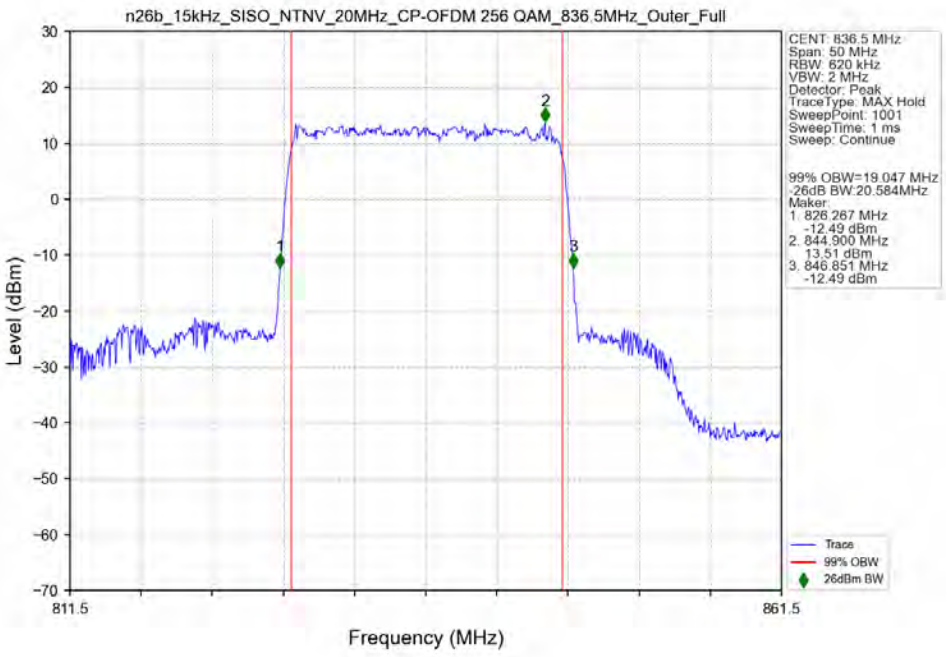
n26b_15kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM_839MHz_Outer_Full_Ant31



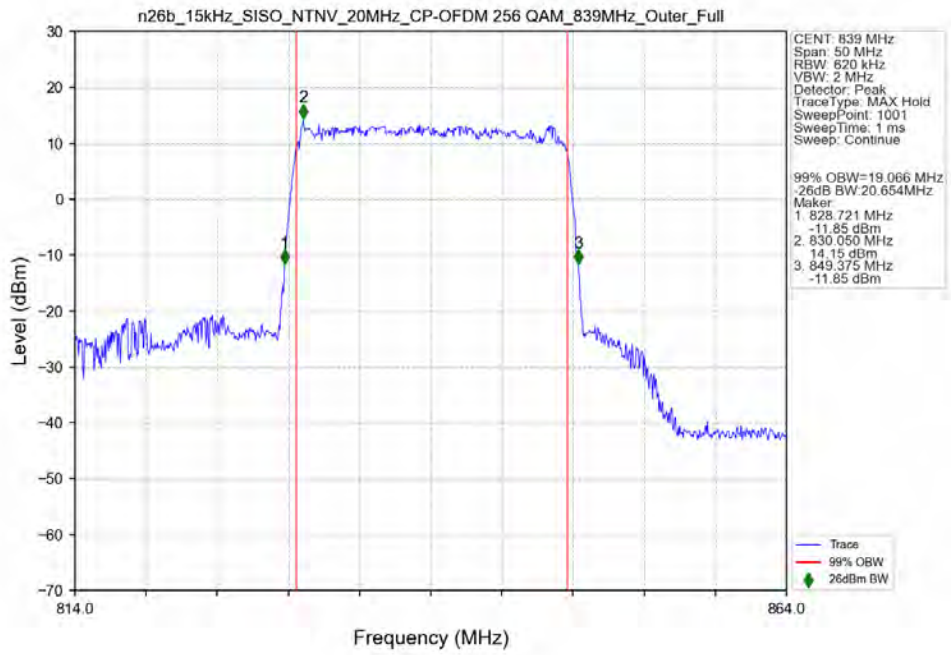
n26b_15kHz_SISO_NTNV_20MHz_CP-OFDM 256 QAM_834MHz_Outer_Full_Ant31



n26b_15kHz_SISO_NTNV_20MHz_CP-OFDM 256 QAM_836.5MHz_Outer_Full_Ant31



n26b_15kHz_SISO_NTNV_20MHz_CP-OFDM 256 QAM_839MHz_Outer_Full_Ant31



4. Peak-Average Ratio

4.1 Test Result

4.1.1 15k_SISO_5MHz_NTNV

5G NR n26b SCS=15kHz SISO 5MHz NTNV							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant31	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	826.5	Outer_Full	4.06	/	/	<=13	Pass
	836.5	Outer_Full	4.10	/	/	<=13	Pass
	846.5	Outer_Full	4.25	/	/	<=13	Pass
DFT-s-OFDM QPSK	826.5	Outer_Full	4.62	/	/	<=13	Pass
	836.5	Outer_Full	4.75	/	/	<=13	Pass
	846.5	Outer_Full	5.02	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	826.5	Outer_Full	5.71	/	/	<=13	Pass
	836.5	Outer_Full	5.81	/	/	<=13	Pass
	846.5	Outer_Full	6.02	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	826.5	Outer_Full	6.07	/	/	<=13	Pass
	836.5	Outer_Full	6.14	/	/	<=13	Pass
	846.5	Outer_Full	6.25	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	826.5	Outer_Full	7.08	/	/	<=13	Pass
	836.5	Outer_Full	7.09	/	/	<=13	Pass
	846.5	Outer_Full	7.11	/	/	<=13	Pass
CP-OFDM QPSK	826.5	Outer_Full	6.89	/	/	<=13	Pass
	836.5	Outer_Full	6.90	/	/	<=13	Pass
	846.5	Outer_Full	7.13	/	/	<=13	Pass
CP-OFDM 16 QAM	826.5	Outer_Full	6.97	/	/	<=13	Pass
	836.5	Outer_Full	7.06	/	/	<=13	Pass
	846.5	Outer_Full	7.28	/	/	<=13	Pass
CP-OFDM 64 QAM	826.5	Outer_Full	7.27	/	/	<=13	Pass
	836.5	Outer_Full	7.36	/	/	<=13	Pass
	846.5	Outer_Full	7.55	/	/	<=13	Pass
CP-OFDM 256 QAM	826.5	Outer_Full	8.82	/	/	<=13	Pass
	836.5	Outer_Full	8.86	/	/	<=13	Pass
	846.5	Outer_Full	8.88	/	/	<=13	Pass

4.1.2 15k_SISO_10MHz_NTNV

5G NR n26b SCS=15kHz SISO 10MHz NTNV							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant31	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	829	Outer_Full	4.18	/	/	<=13	Pass
	836.5	Outer_Full	4.23	/	/	<=13	Pass
	844	Outer_Full	4.24	/	/	<=13	Pass
DFT-s-OFDM QPSK	829	Outer_Full	4.80	/	/	<=13	Pass
	836.5	Outer_Full	4.97	/	/	<=13	Pass
	844	Outer_Full	4.78	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	829	Outer_Full	5.80	/	/	<=13	Pass
	836.5	Outer_Full	5.87	/	/	<=13	Pass
	844	Outer_Full	5.81	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	829	Outer_Full	6.17	/	/	<=13	Pass
	836.5	Outer_Full	6.21	/	/	<=13	Pass
	844	Outer_Full	6.25	/	/	<=13	Pass

DFT-s-OFDM 256 QAM	829	Outer_Full	7.07	/	/	<=13	Pass
	836.5	Outer_Full	7.08	/	/	<=13	Pass
	844	Outer_Full	7.05	/	/	<=13	Pass
CP-OFDM QPSK	829	Outer_Full	7.17	/	/	<=13	Pass
	836.5	Outer_Full	7.18	/	/	<=13	Pass
	844	Outer_Full	7.19	/	/	<=13	Pass
CP-OFDM 16 QAM	829	Outer_Full	6.98	/	/	<=13	Pass
	836.5	Outer_Full	7.08	/	/	<=13	Pass
	844	Outer_Full	7.05	/	/	<=13	Pass
CP-OFDM 64 QAM	829	Outer_Full	7.44	/	/	<=13	Pass
	836.5	Outer_Full	7.52	/	/	<=13	Pass
	844	Outer_Full	7.51	/	/	<=13	Pass
CP-OFDM 256 QAM	829	Outer_Full	8.67	/	/	<=13	Pass
	836.5	Outer_Full	8.62	/	/	<=13	Pass
	844	Outer_Full	8.63	/	/	<=13	Pass

4.1.3 15k_SISO_15MHz_NTNV

5G NR n26b SCS=15kHz SISO 15MHz NTNV							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant31	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	831.5	Outer_Full	4.08	/	/	<=13	Pass
	836.5	Outer_Full	4.06	/	/	<=13	Pass
	841.5	Outer_Full	4.05	/	/	<=13	Pass
DFT-s-OFDM QPSK	831.5	Outer_Full	4.64	/	/	<=13	Pass
	836.5	Outer_Full	4.67	/	/	<=13	Pass
	841.5	Outer_Full	4.66	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	831.5	Outer_Full	5.65	/	/	<=13	Pass
	836.5	Outer_Full	5.66	/	/	<=13	Pass
	841.5	Outer_Full	5.61	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	831.5	Outer_Full	6.05	/	/	<=13	Pass
	836.5	Outer_Full	6.06	/	/	<=13	Pass
	841.5	Outer_Full	6.07	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	831.5	Outer_Full	6.94	/	/	<=13	Pass
	836.5	Outer_Full	6.92	/	/	<=13	Pass
	841.5	Outer_Full	6.87	/	/	<=13	Pass
CP-OFDM QPSK	831.5	Outer_Full	6.82	/	/	<=13	Pass
	836.5	Outer_Full	6.85	/	/	<=13	Pass
	841.5	Outer_Full	6.88	/	/	<=13	Pass
CP-OFDM 16 QAM	831.5	Outer_Full	6.76	/	/	<=13	Pass
	836.5	Outer_Full	6.88	/	/	<=13	Pass
	841.5	Outer_Full	6.79	/	/	<=13	Pass
CP-OFDM 64 QAM	831.5	Outer_Full	7.22	/	/	<=13	Pass
	836.5	Outer_Full	7.30	/	/	<=13	Pass
	841.5	Outer_Full	7.28	/	/	<=13	Pass
CP-OFDM 256 QAM	831.5	Outer_Full	8.85	/	/	<=13	Pass
	836.5	Outer_Full	8.86	/	/	<=13	Pass
	841.5	Outer_Full	8.86	/	/	<=13	Pass

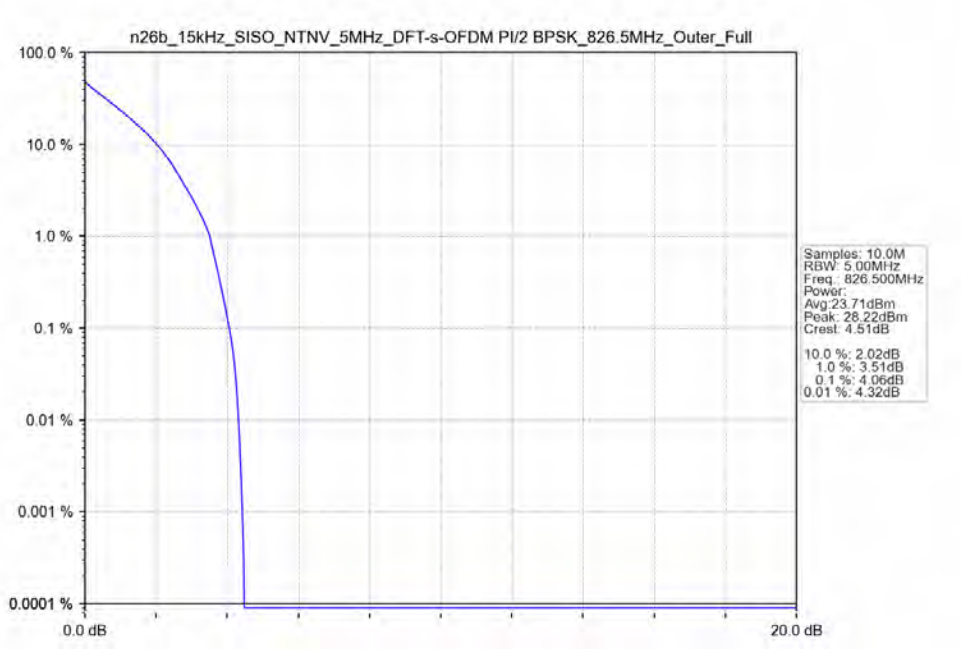
4.1.4 15k_SISO_20MHz_NTNV

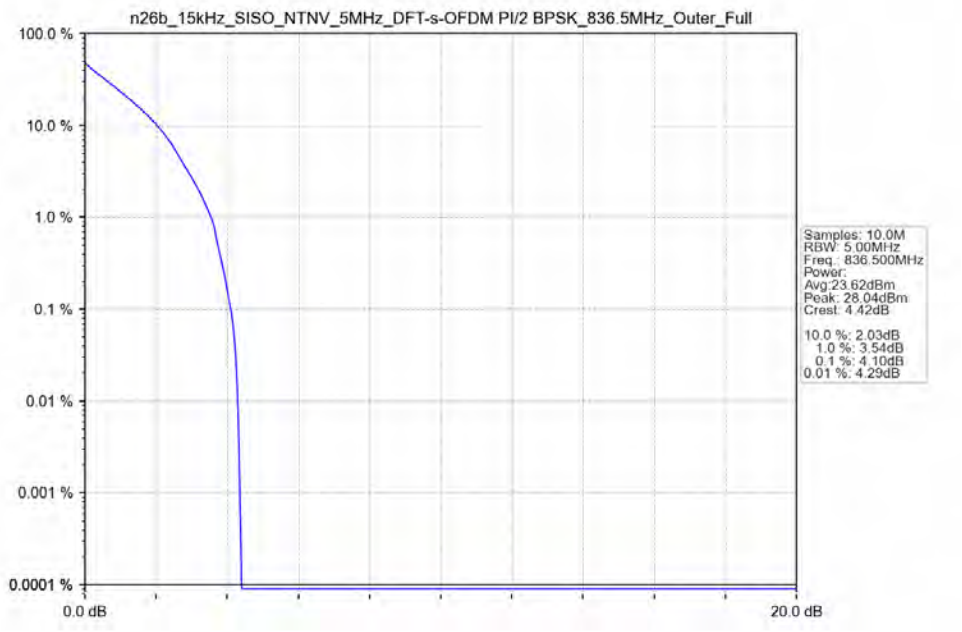
5G NR n26b SCS=15kHz SISO 20MHz NTNV							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant31	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	834	Outer_Full	4.04	/	/	<=13	Pass
	836.5	Outer_Full	4.12	/	/	<=13	Pass

	839	Outer_Full	4.11	/	/	<=13	Pass
DFT-s-OFDM QPSK	834	Outer_Full	4.97	/	/	<=13	Pass
	836.5	Outer_Full	4.86	/	/	<=13	Pass
	839	Outer_Full	4.83	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	834	Outer_Full	5.53	/	/	<=13	Pass
	836.5	Outer_Full	5.69	/	/	<=13	Pass
	839	Outer_Full	5.74	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	834	Outer_Full	6.07	/	/	<=13	Pass
	836.5	Outer_Full	6.04	/	/	<=13	Pass
	839	Outer_Full	6.14	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	834	Outer_Full	6.89	/	/	<=13	Pass
	836.5	Outer_Full	6.89	/	/	<=13	Pass
	839	Outer_Full	6.85	/	/	<=13	Pass
CP-OFDM QPSK	834	Outer_Full	6.84	/	/	<=13	Pass
	836.5	Outer_Full	6.72	/	/	<=13	Pass
	839	Outer_Full	6.73	/	/	<=13	Pass
CP-OFDM 16 QAM	834	Outer_Full	6.73	/	/	<=13	Pass
	836.5	Outer_Full	6.76	/	/	<=13	Pass
	839	Outer_Full	7.01	/	/	<=13	Pass
CP-OFDM 64 QAM	834	Outer_Full	7.15	/	/	<=13	Pass
	836.5	Outer_Full	7.16	/	/	<=13	Pass
	839	Outer_Full	7.12	/	/	<=13	Pass
CP-OFDM 256 QAM	834	Outer_Full	8.83	/	/	<=13	Pass
	836.5	Outer_Full	8.84	/	/	<=13	Pass
	839	Outer_Full	8.82	/	/	<=13	Pass

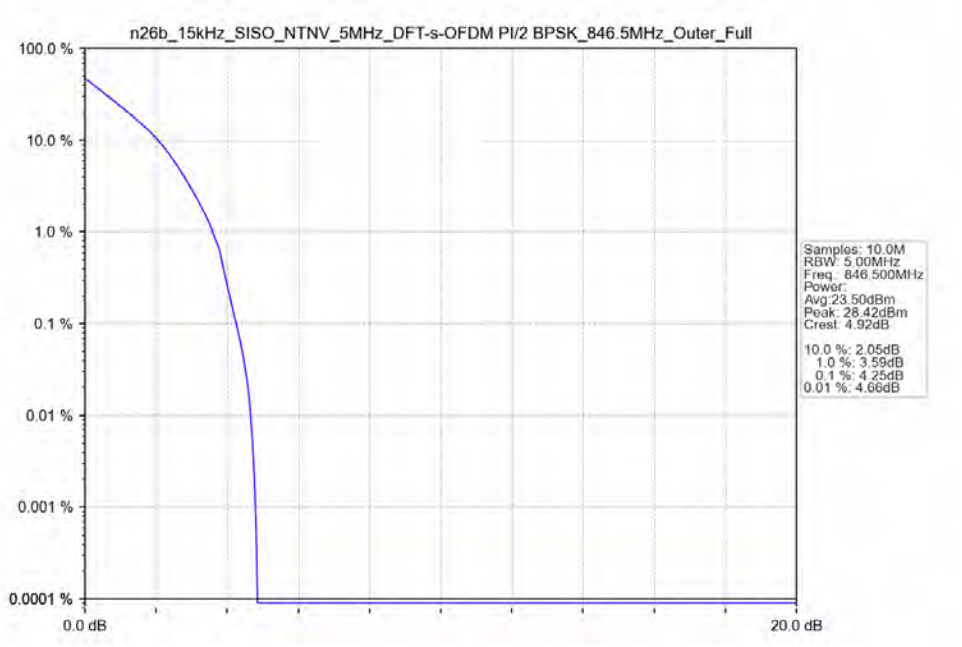
4.2 Test Graph

4.2.1 15k_SISO_5MHz_NTNV

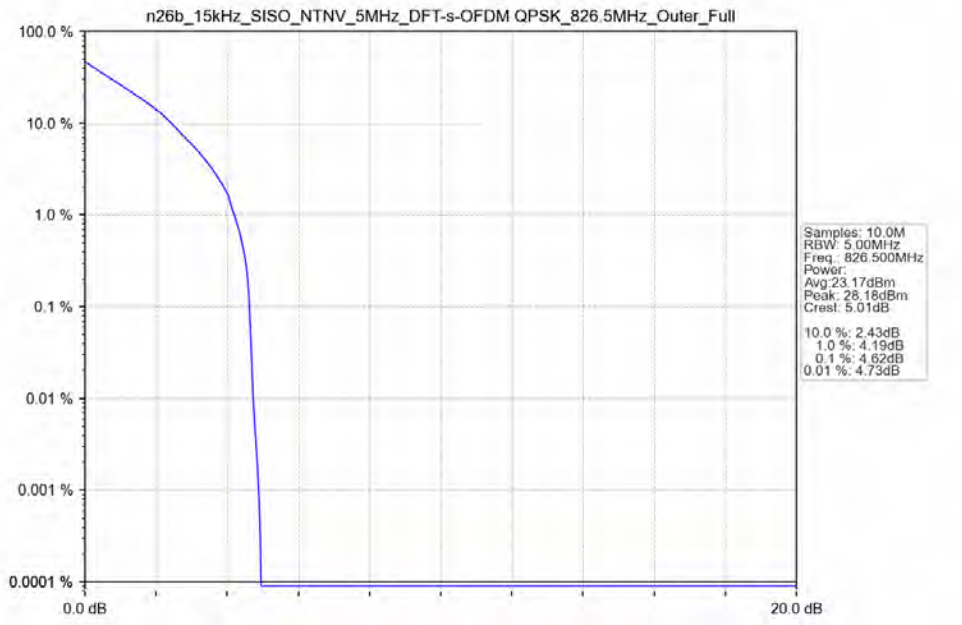
n26b_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_826.5MHz_Outer_Full_Ant31


n26b_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_836.5MHz_Outer_Full_Ant31


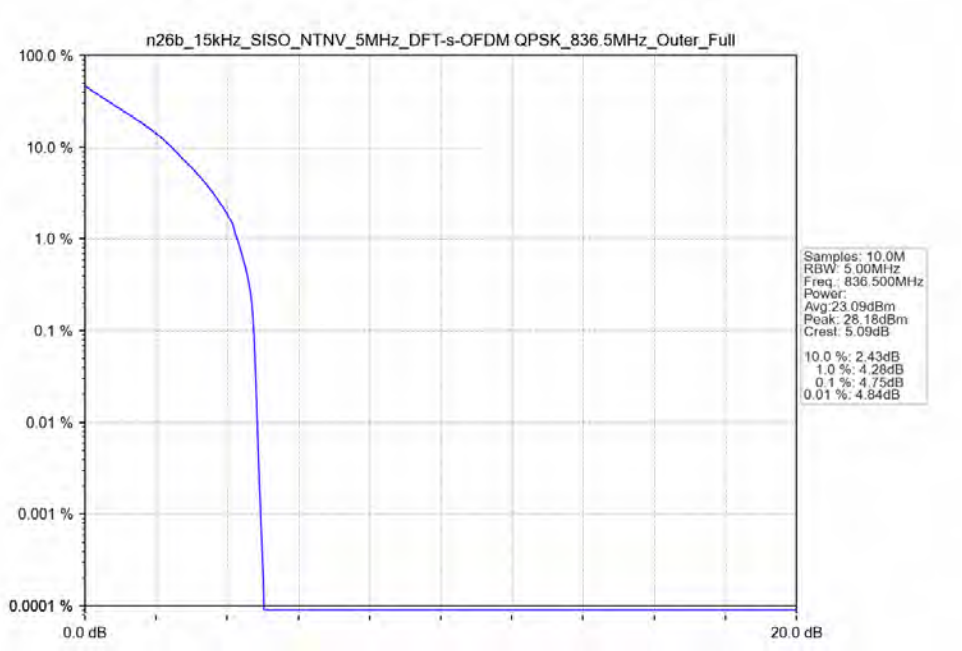
n26b_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_846.5MHz_Outer_Full_Ant31



n26b_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_826.5MHz_Outer_Full_Ant31



n26b_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_836.5MHz_Outer_Full_Ant31



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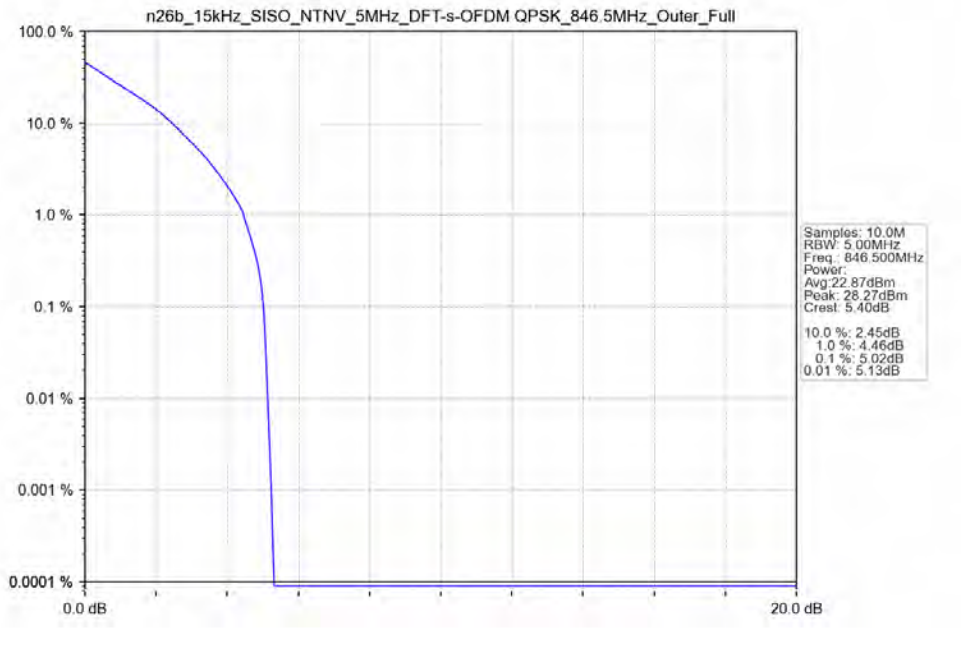
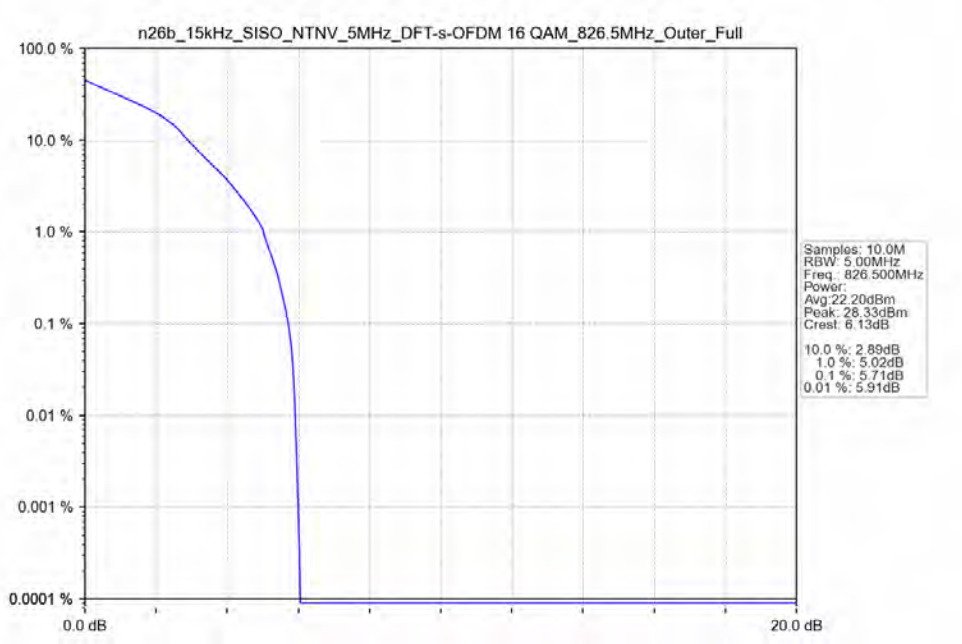
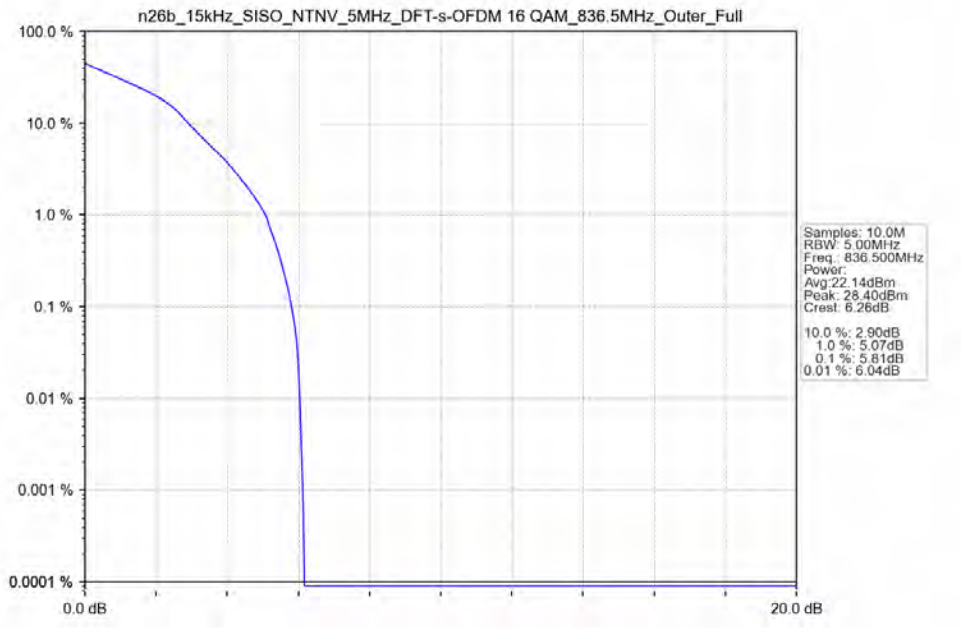


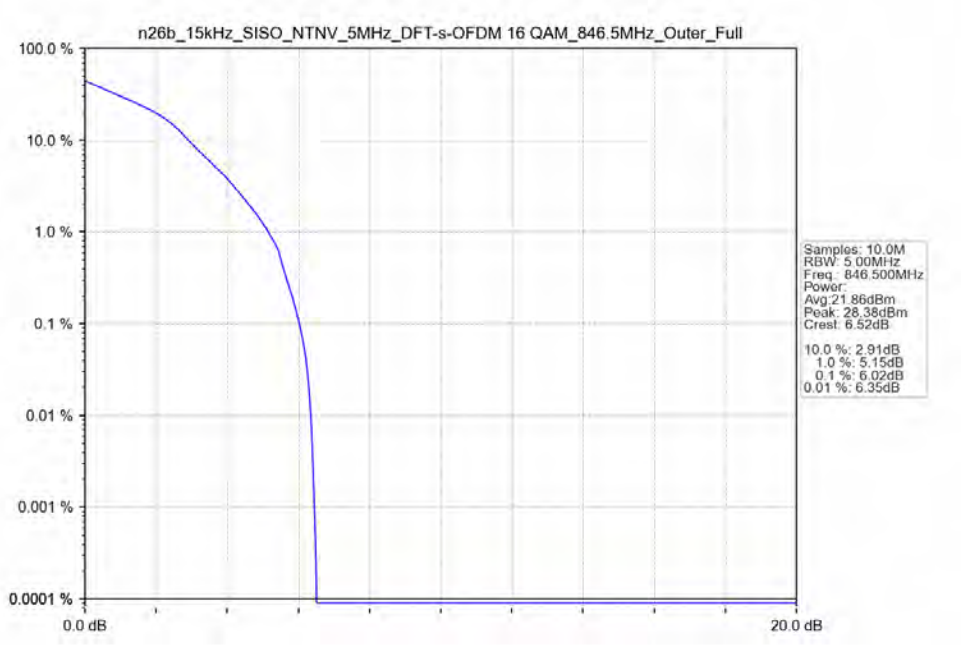
n26b_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 16 QAM_826.5MHz_Outer_Full_Ant31



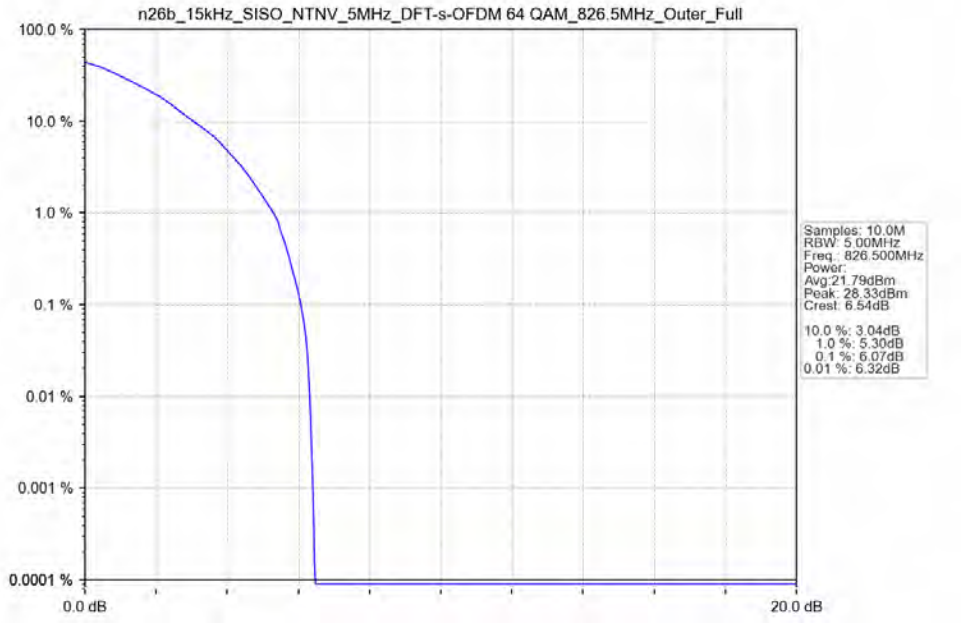
n26b_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 16 QAM_836.5MHz_Outer_Full_Ant31



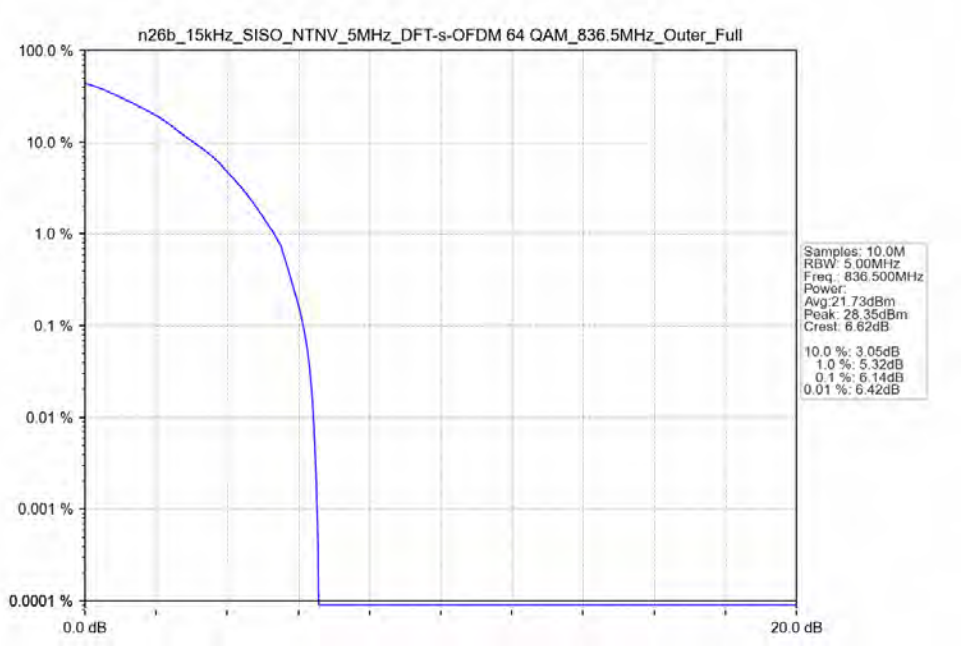
n26b_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 16 QAM_846.5MHz_Outer_Full_Ant31



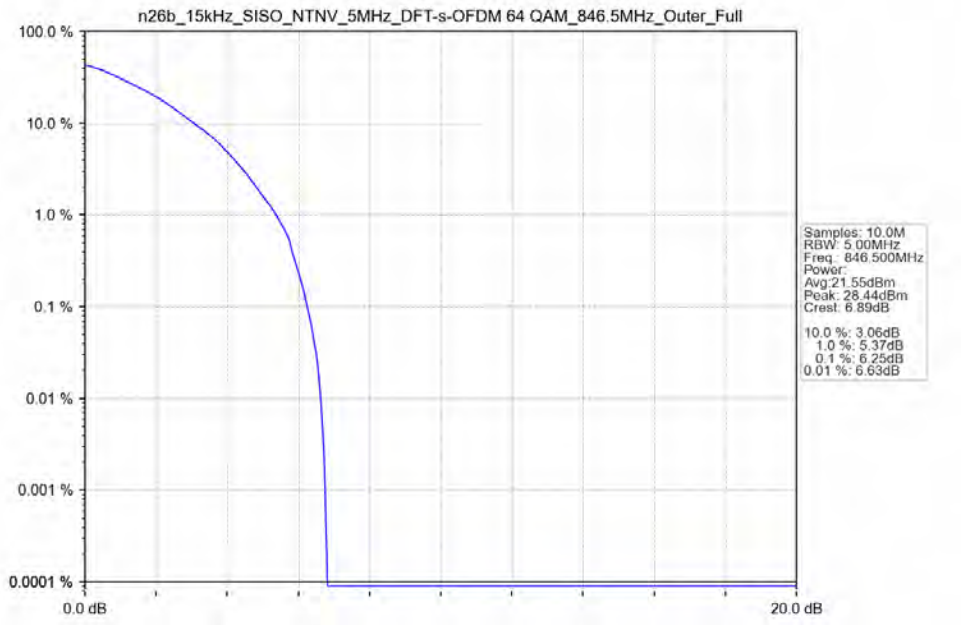
n26b_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 64 QAM_826.5MHz_Outer_Full_Ant31



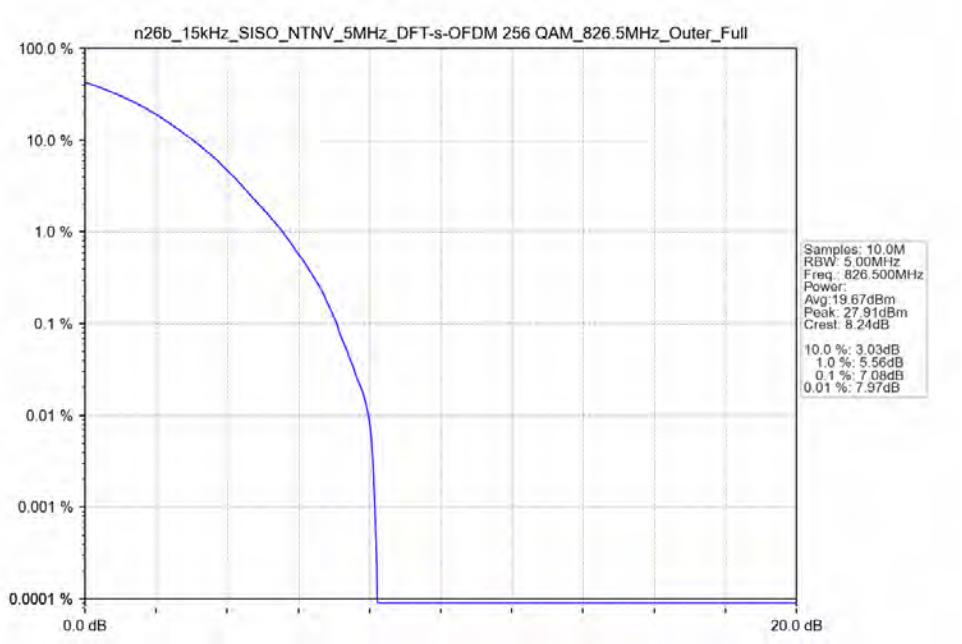
n26b_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 64 QAM_836.5MHz_Outer_Full_Ant31



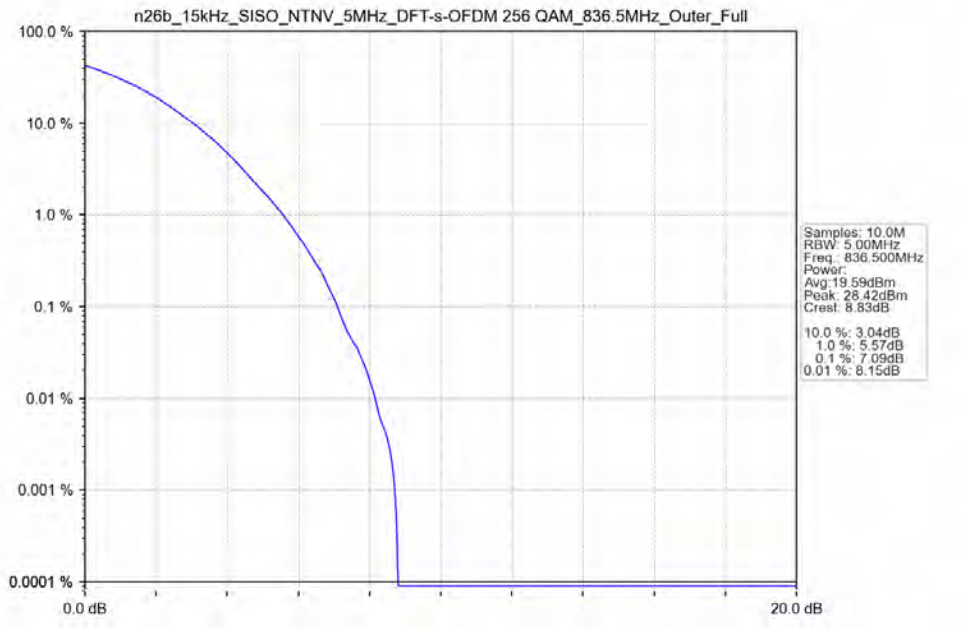
n26b_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 64 QAM_846.5MHz_Outer_Full_Ant31



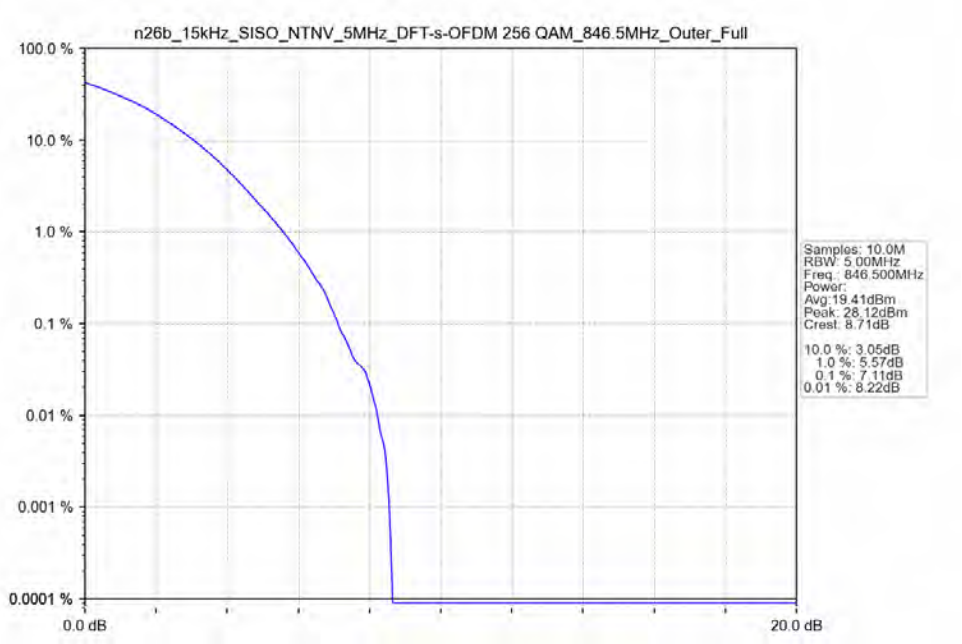
n26b_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 256 QAM_826.5MHz_Outer_Full_Ant31



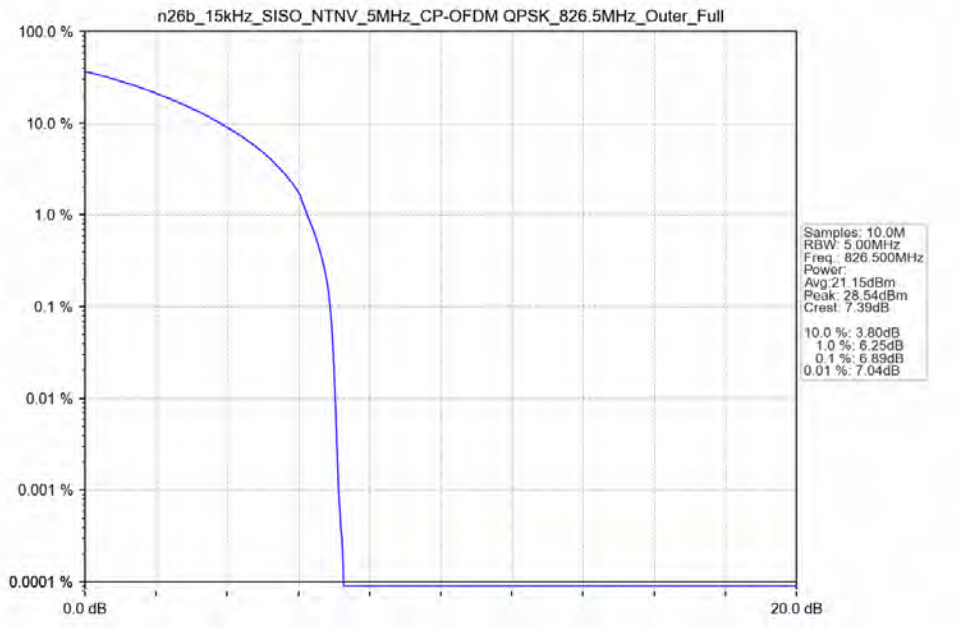
n26b_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 256 QAM_836.5MHz_Outer_Full_Ant31



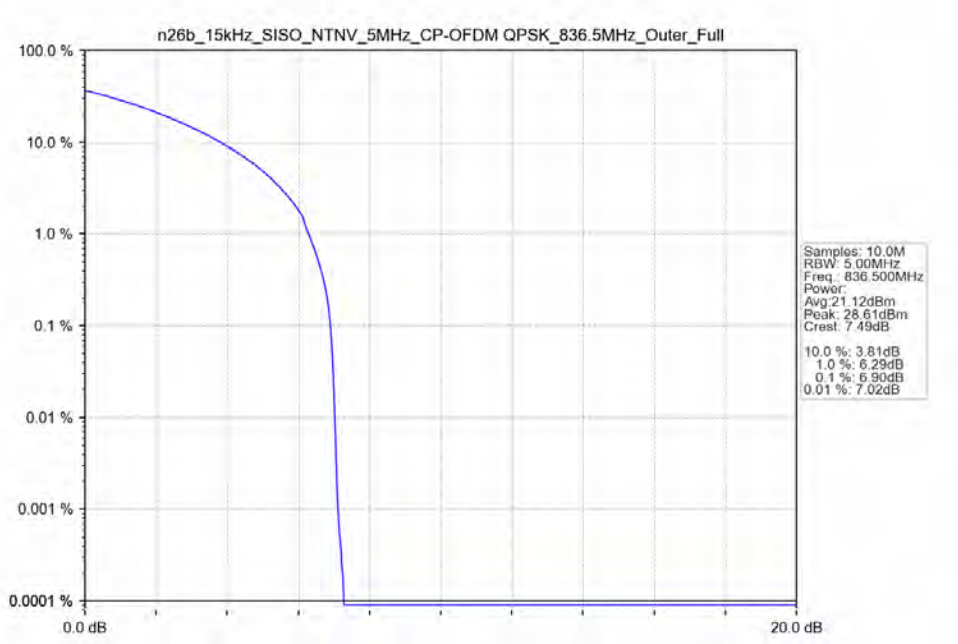
n26b_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 256 QAM_846.5MHz_Outer_Full_Ant31



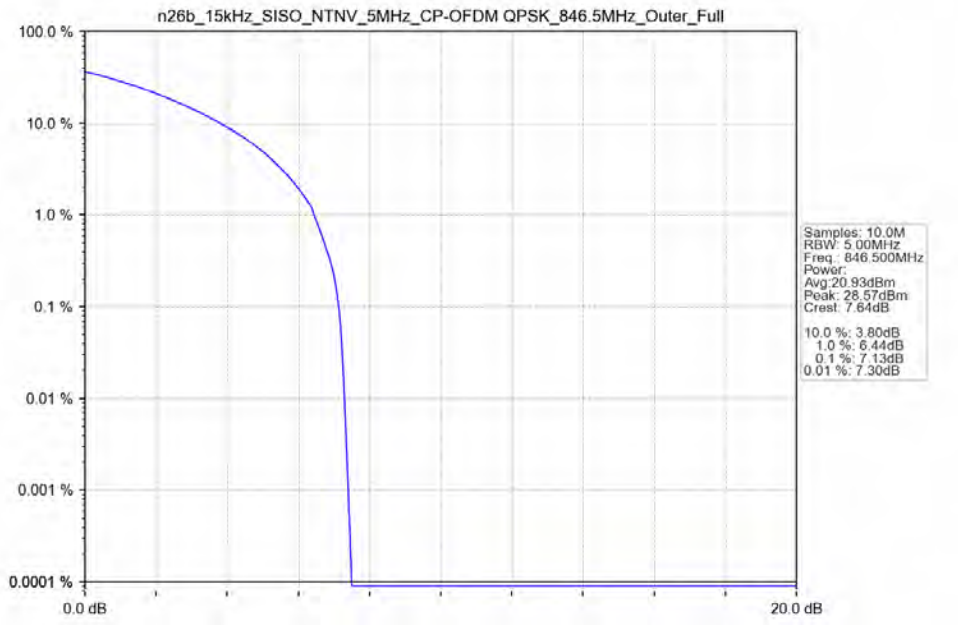
n26b_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_826.5MHz_Outer_Full_Ant31



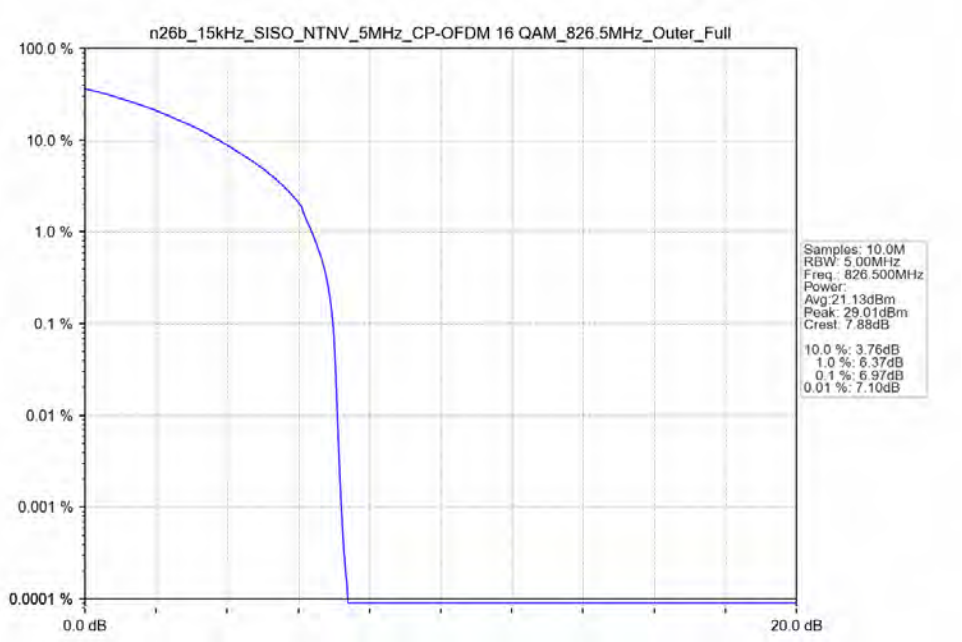
n26b_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_836.5MHz_Outer_Full_Ant31



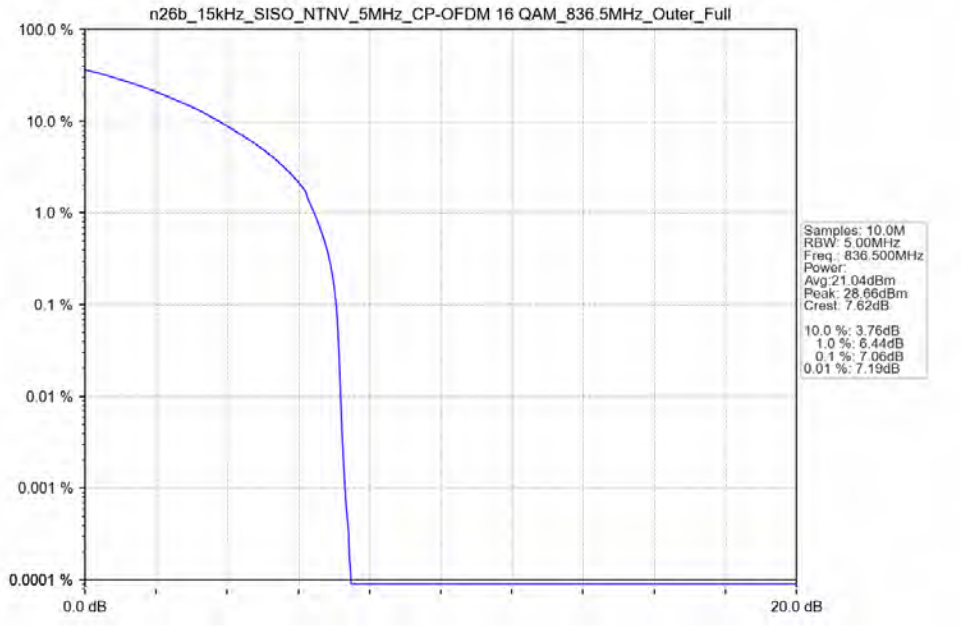
n26b_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_846.5MHz_Outer_Full_Ant31



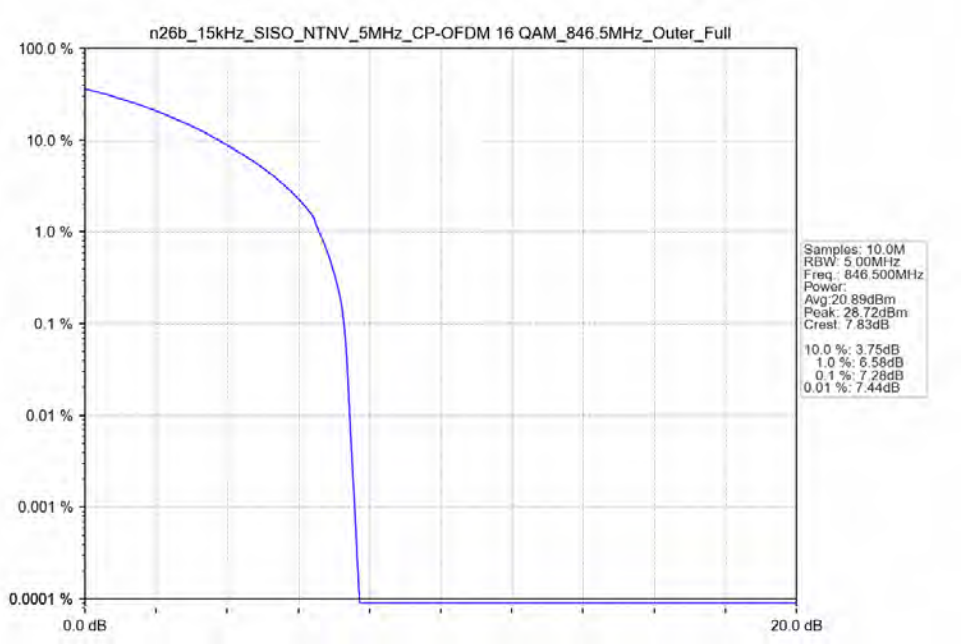
n26b_15kHz_SISO_NTNV_5MHz_CP-OFDM 16 QAM_826.5MHz_Outer_Full_Ant31



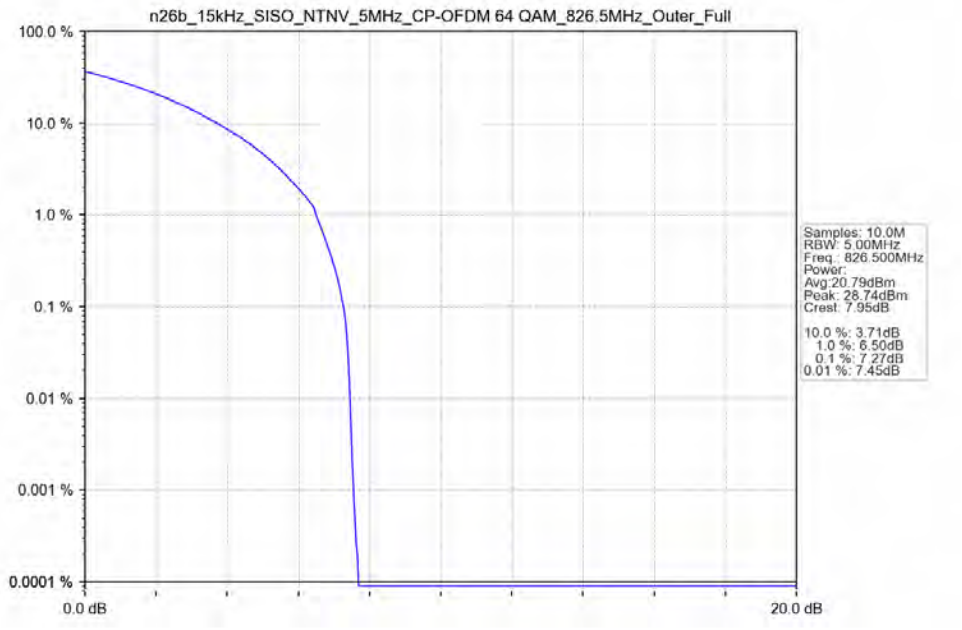
n26b_15kHz_SISO_NTNV_5MHz_CP-OFDM 16 QAM_836.5MHz_Outer_Full_Ant31



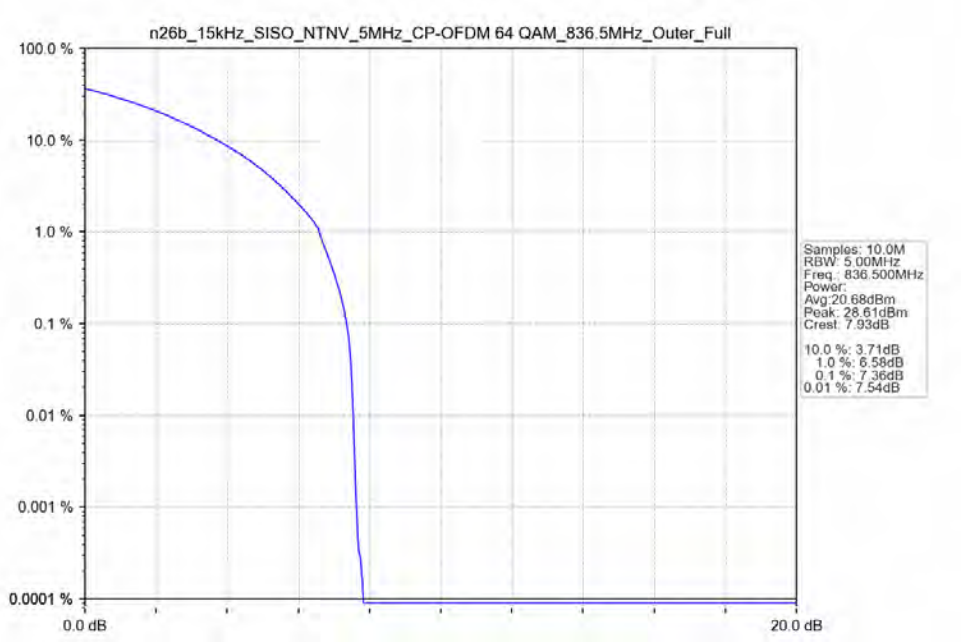
n26b_15kHz_SISO_NTNV_5MHz_CP-OFDM 16 QAM_846.5MHz_Outer_Full_Ant31



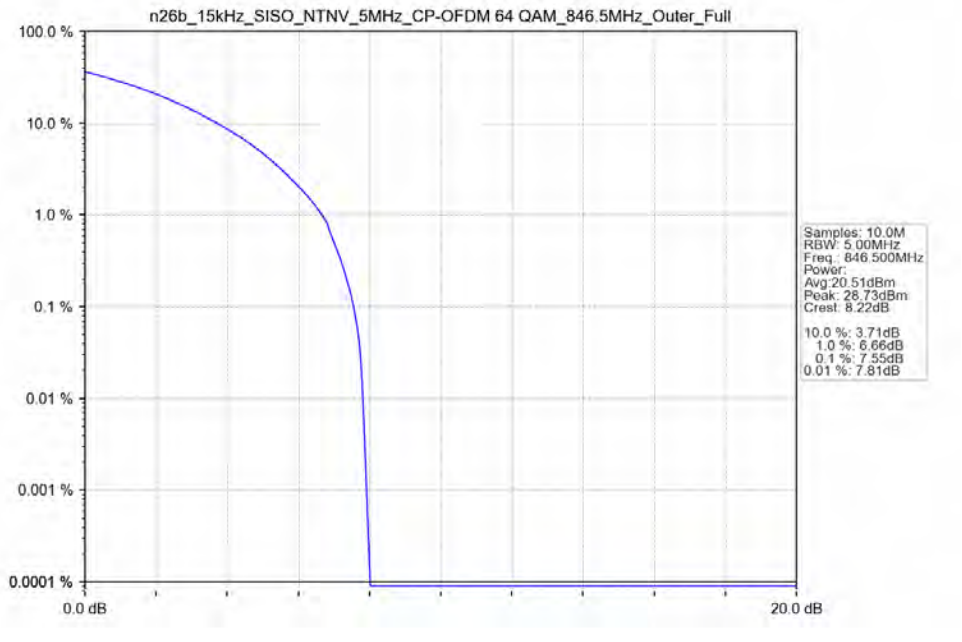
n26b_15kHz_SISO_NTNV_5MHz_CP-OFDM 64 QAM_826.5MHz_Outer_Full_Ant31



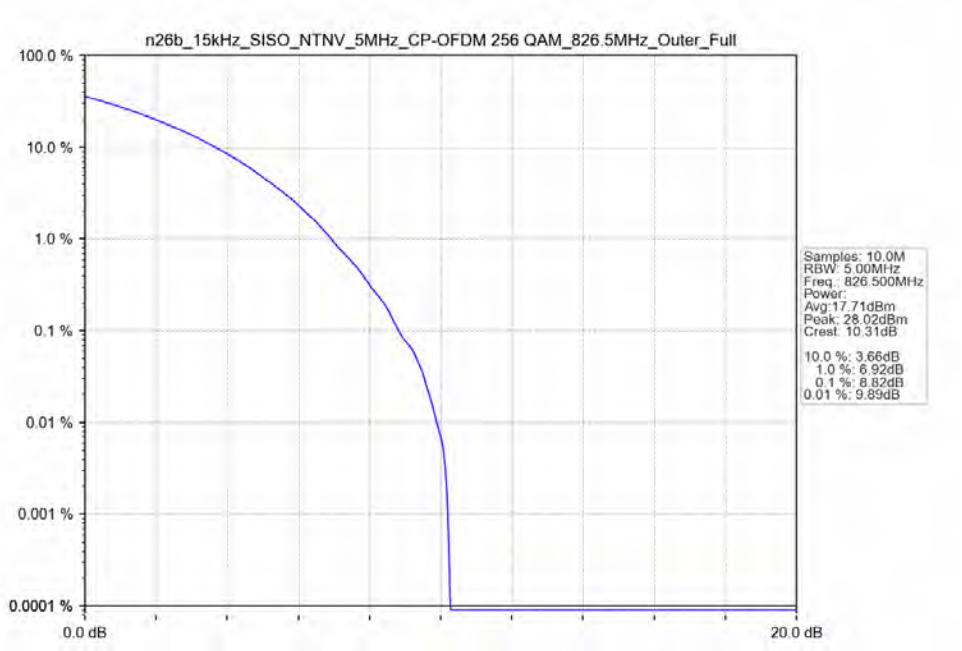
n26b_15kHz_SISO_NTNV_5MHz_CP-OFDM 64 QAM_836.5MHz_Outer_Full_Ant31



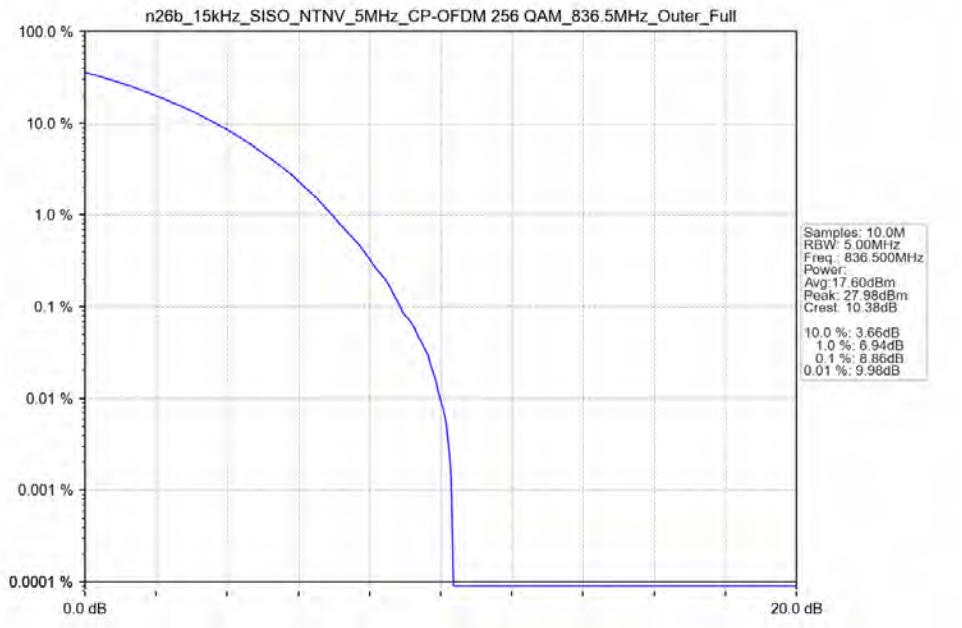
n26b_15kHz_SISO_NTNV_5MHz_CP-OFDM 64 QAM_846.5MHz_Outer_Full_Ant31



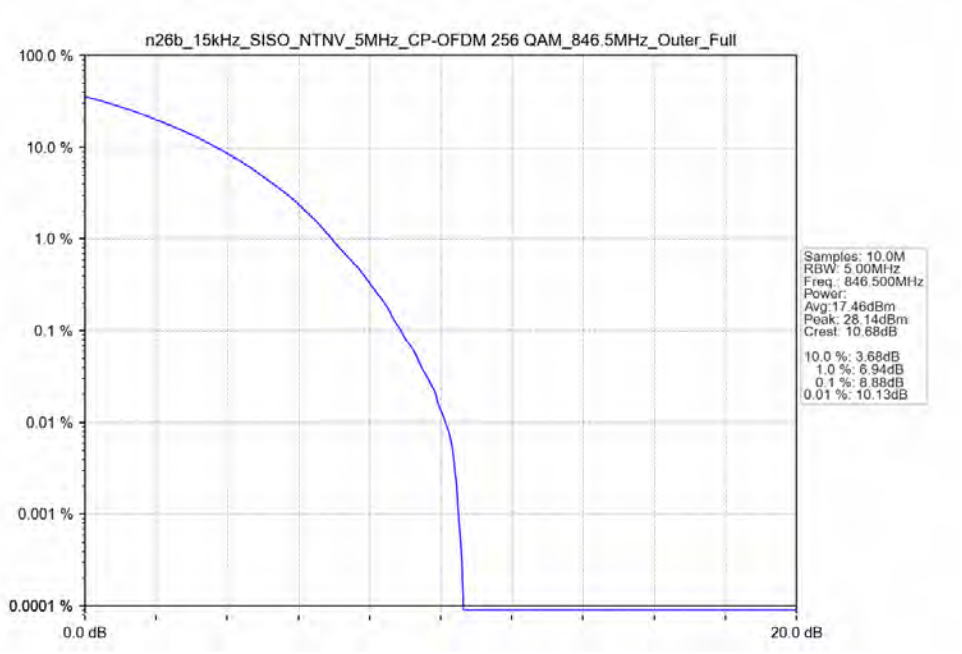
n26b_15kHz_SISO_NTNV_5MHz_CP-OFDM 256 QAM_826.5MHz_Outer_Full_Ant31



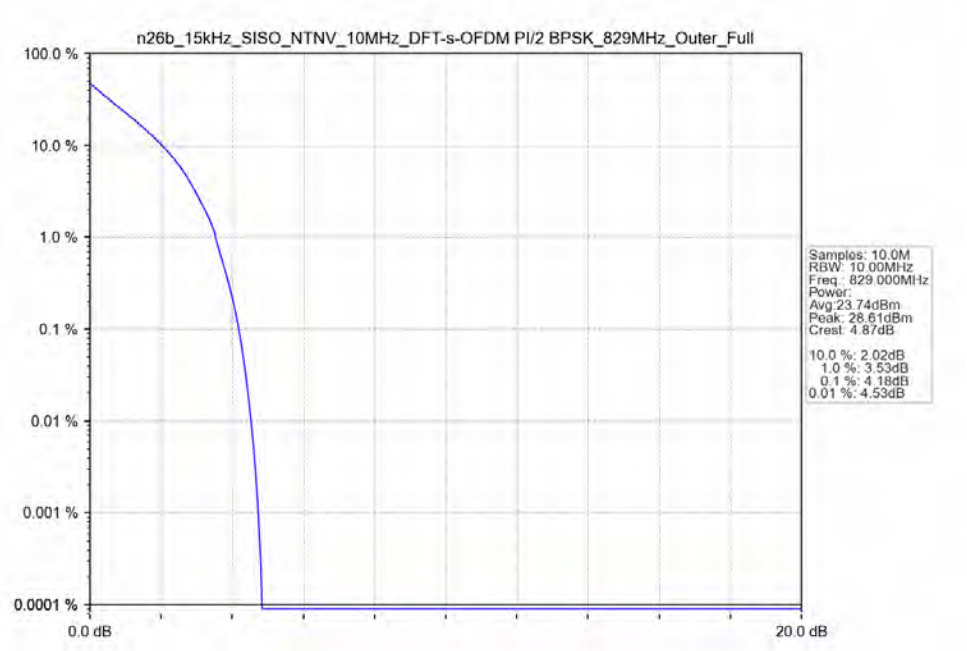
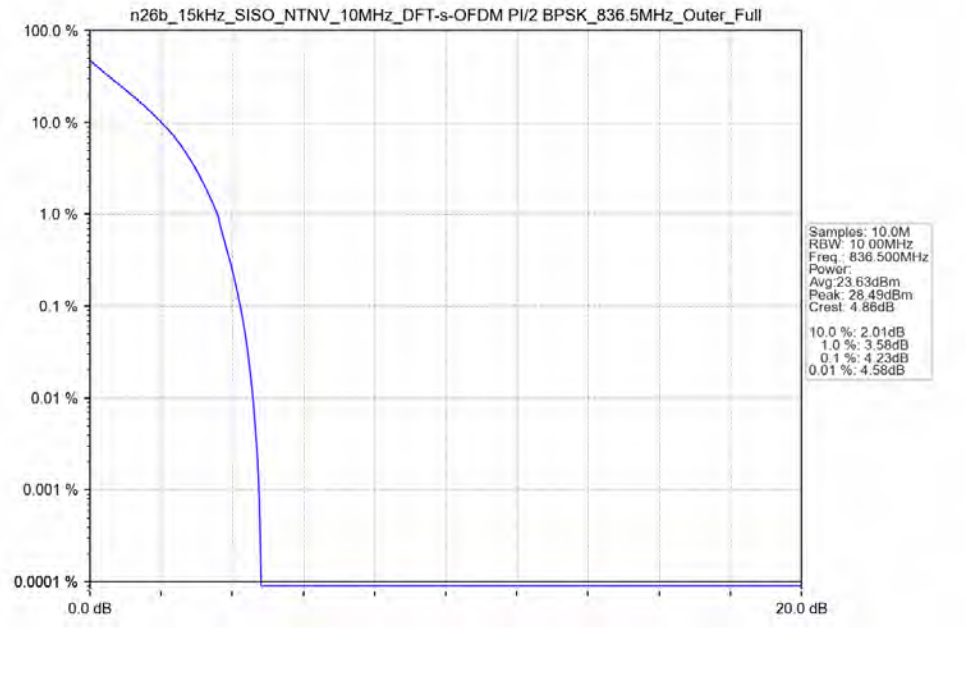
n26b_15kHz_SISO_NTNV_5MHz_CP-OFDM 256 QAM_836.5MHz_Outer_Full_Ant31



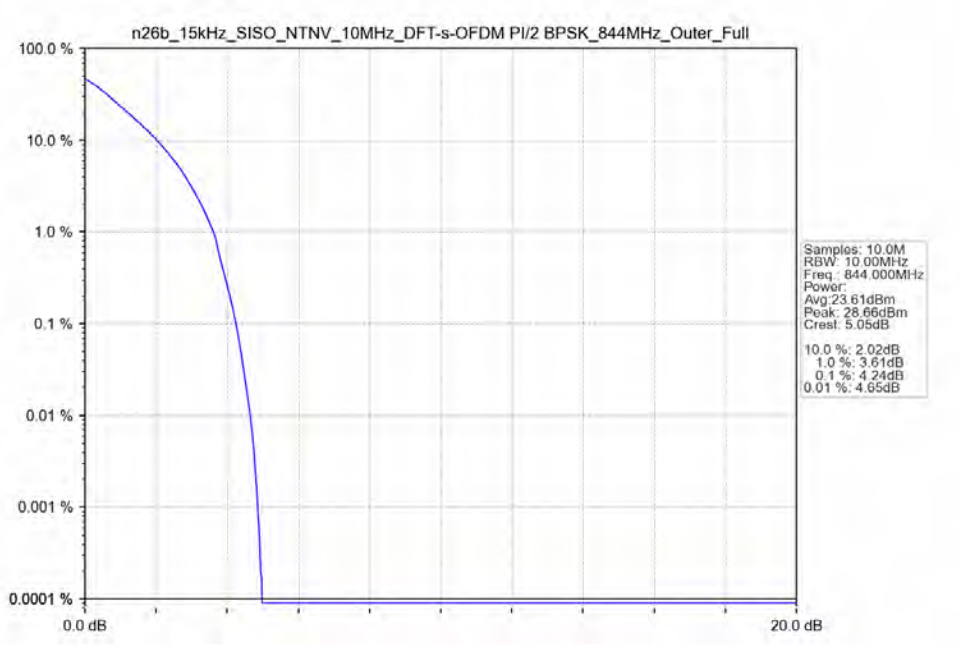
n26b_15kHz_SISO_NTNV_5MHz_CP-OFDM 256 QAM_846.5MHz_Outer_Full_Ant31



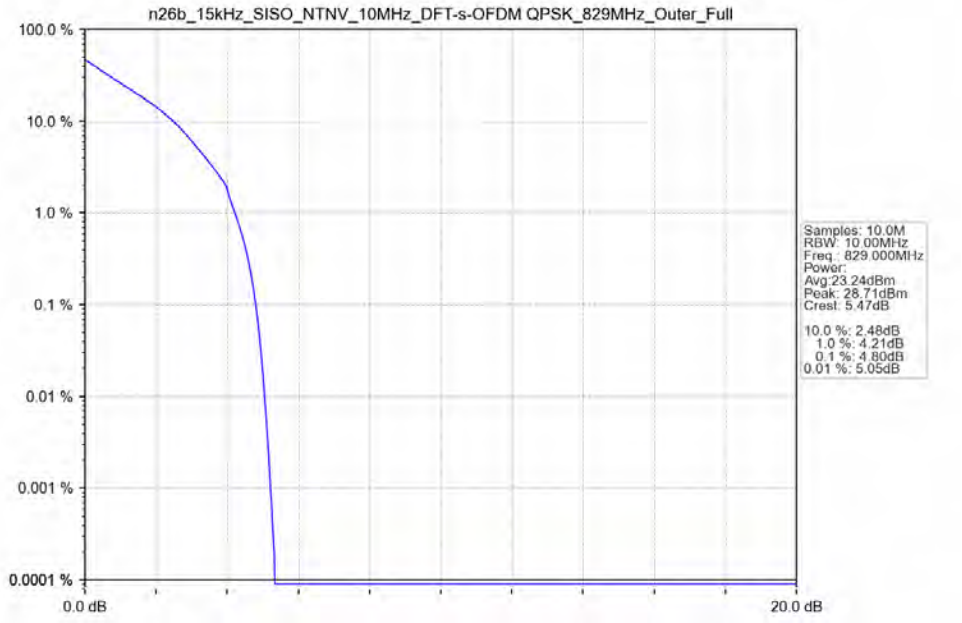
4.2.2 15k_SISO_10MHz_NTNV

n26b_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_829MHz_Outer_Full_Ant31

n26b_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_836.5MHz_Outer_Full_Ant31


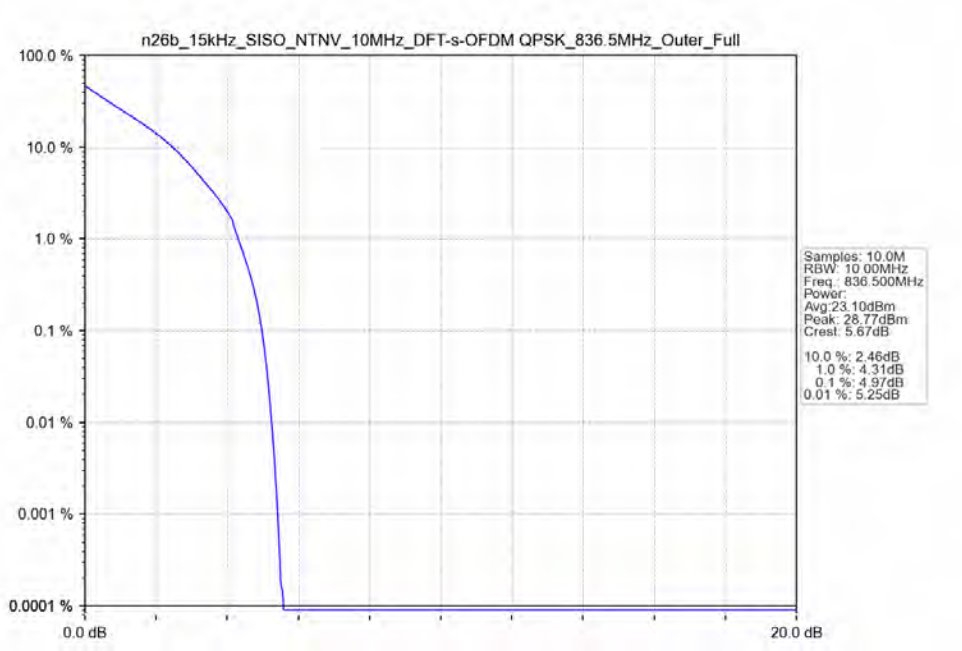
n26b_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_844MHz_Outer_Full_Ant31



n26b_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_829MHz_Outer_Full_Ant31



n26b_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_836.5MHz_Outer_Full_Ant31



n26b_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_844MHz_Outer_Full_Ant31