

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 NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			ERP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	826.5	Edge_1RB_Left	23.25	/	/	18.10	/	/	<=38.45	Pass
		Edge_1RB_Right	23.17	/	/	18.02	/	/	<=38.45	Pass
		Outer_Full	23.33	/	/	18.18	/	/	<=38.45	Pass
		Inner_Full	23.39	/	/	18.24	/	/	<=38.45	Pass
		Inner_1RB_Left	23.19	/	/	18.04	/	/	<=38.45	Pass
		Inner_1RB_Right	23.15	/	/	18.00	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	23.22	/	/	18.07	/	/	<=38.45	Pass
		Edge_1RB_Right	23.44	/	/	18.29	/	/	<=38.45	Pass
		Outer_Full	23.45	/	/	18.30	/	/	<=38.45	Pass
		Inner_Full	23.43	/	/	18.28	/	/	<=38.45	Pass
		Inner_1RB_Left	23.27	/	/	18.12	/	/	<=38.45	Pass
		Inner_1RB_Right	23.45	/	/	18.30	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	23.31	/	/	18.16	/	/	<=38.45	Pass
		Edge_1RB_Right	23.41	/	/	18.26	/	/	<=38.45	Pass
		Outer_Full	23.53	/	/	18.38	/	/	<=38.45	Pass
		Inner_Full	23.36	/	/	18.21	/	/	<=38.45	Pass
		Inner_1RB_Left	23.38	/	/	18.23	/	/	<=38.45	Pass
		Inner_1RB_Right	23.49	/	/	18.34	/	/	<=38.45	Pass
DFT-s-OFDM QPSK	826.5	Edge_1RB_Left	23.32	/	/	18.17	/	/	<=38.45	Pass
		Edge_1RB_Right	23.25	/	/	18.10	/	/	<=38.45	Pass
		Outer_Full	23.24	/	/	18.09	/	/	<=38.45	Pass
		Inner_Full	23.32	/	/	18.17	/	/	<=38.45	Pass
		Inner_1RB_Left	23.48	/	/	18.33	/	/	<=38.45	Pass
		Inner_1RB_Right	23.27	/	/	18.12	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	23.22	/	/	18.07	/	/	<=38.45	Pass
		Edge_1RB_Right	23.48	/	/	18.33	/	/	<=38.45	Pass
		Outer_Full	23.41	/	/	18.26	/	/	<=38.45	Pass
		Inner_Full	23.42	/	/	18.27	/	/	<=38.45	Pass
		Inner_1RB_Left	23.44	/	/	18.29	/	/	<=38.45	Pass
		Inner_1RB_Right	23.52	/	/	18.37	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	23.40	/	/	18.25	/	/	<=38.45	Pass
		Edge_1RB_Right	23.44	/	/	18.29	/	/	<=38.45	Pass
		Outer_Full	23.37	/	/	18.22	/	/	<=38.45	Pass
		Inner_Full	23.39	/	/	18.24	/	/	<=38.45	Pass
		Inner_1RB_Left	23.53	/	/	18.38	/	/	<=38.45	Pass
		Inner_1RB_Right	23.53	/	/	18.38	/	/	<=38.45	Pass
DFT-s-OFDM 16 QAM	826.5	Edge_1RB_Left	22.36	/	/	17.21	/	/	<=38.45	Pass
		Edge_1RB_Right	22.31	/	/	17.16	/	/	<=38.45	Pass
		Outer_Full	22.34	/	/	17.19	/	/	<=38.45	Pass
		Inner_Full	23.20	/	/	18.05	/	/	<=38.45	Pass
		Inner_1RB_Left	23.32	/	/	18.17	/	/	<=38.45	Pass
		Inner_1RB_Right	23.26	/	/	18.11	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	22.35	/	/	17.20	/	/	<=38.45	Pass
		Edge_1RB_Right	22.50	/	/	17.35	/	/	<=38.45	Pass
		Outer_Full	22.40	/	/	17.25	/	/	<=38.45	Pass
		Inner_Full	23.20	/	/	18.05	/	/	<=38.45	Pass
		Inner_1RB_Left	23.37	/	/	18.22	/	/	<=38.45	Pass
		Inner_1RB_Right	23.53	/	/	18.38	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	22.43	/	/	17.28	/	/	<=38.45	Pass

		Edge 1RB Right	22.48	/	/	17.33	/	/	<=38.45	Pass
		Outer Full	22.33	/	/	17.18	/	/	<=38.45	Pass
		Inner Full	23.31	/	/	18.16	/	/	<=38.45	Pass
		Inner 1RB Left	23.40	/	/	18.25	/	/	<=38.45	Pass
		Inner 1RB Right	23.49	/	/	18.34	/	/	<=38.45	Pass
DFT-s-OFDM 64 QAM	826.5	Edge 1RB Left	21.93	/	/	16.78	/	/	<=38.45	Pass
		Edge 1RB Right	21.78	/	/	16.63	/	/	<=38.45	Pass
		Outer Full	21.93	/	/	16.78	/	/	<=38.45	Pass
		Inner Full	21.84	/	/	16.69	/	/	<=38.45	Pass
		Inner 1RB Left	21.83	/	/	16.68	/	/	<=38.45	Pass
		Inner 1RB Right	21.91	/	/	16.76	/	/	<=38.45	Pass
	836.5	Edge 1RB Left	21.82	/	/	16.67	/	/	<=38.45	Pass
		Edge 1RB Right	22.04	/	/	16.89	/	/	<=38.45	Pass
		Outer Full	22.06	/	/	16.91	/	/	<=38.45	Pass
		Inner Full	21.83	/	/	16.68	/	/	<=38.45	Pass
		Inner 1RB Left	21.93	/	/	16.78	/	/	<=38.45	Pass
		Inner 1RB Right	22.06	/	/	16.91	/	/	<=38.45	Pass
	846.5	Edge 1RB Left	22.18	/	/	17.03	/	/	<=38.45	Pass
		Edge 1RB Right	22.11	/	/	16.96	/	/	<=38.45	Pass
		Outer Full	22.08	/	/	16.93	/	/	<=38.45	Pass
		Inner Full	21.92	/	/	16.77	/	/	<=38.45	Pass
		Inner 1RB Left	22.13	/	/	16.98	/	/	<=38.45	Pass
		Inner 1RB Right	22.17	/	/	17.02	/	/	<=38.45	Pass
DFT-s-OFDM 256 QAM	826.5	Edge 1RB Left	19.54	/	/	14.39	/	/	<=38.45	Pass
		Edge 1RB Right	19.52	/	/	14.37	/	/	<=38.45	Pass
		Outer Full	19.74	/	/	14.59	/	/	<=38.45	Pass
		Inner Full	19.69	/	/	14.54	/	/	<=38.45	Pass
		Inner 1RB Left	19.58	/	/	14.43	/	/	<=38.45	Pass
		Inner 1RB Right	19.44	/	/	14.29	/	/	<=38.45	Pass
	836.5	Edge 1RB Left	19.53	/	/	14.38	/	/	<=38.45	Pass
		Edge 1RB Right	19.67	/	/	14.52	/	/	<=38.45	Pass
		Outer Full	19.90	/	/	14.75	/	/	<=38.45	Pass
		Inner Full	19.86	/	/	14.71	/	/	<=38.45	Pass
		Inner 1RB Left	19.57	/	/	14.42	/	/	<=38.45	Pass
		Inner 1RB Right	19.69	/	/	14.54	/	/	<=38.45	Pass
	846.5	Edge 1RB Left	19.74	/	/	14.59	/	/	<=38.45	Pass
		Edge 1RB Right	19.67	/	/	14.52	/	/	<=38.45	Pass
		Outer Full	19.84	/	/	14.69	/	/	<=38.45	Pass
		Inner Full	19.77	/	/	14.62	/	/	<=38.45	Pass
		Inner 1RB Left	19.67	/	/	14.52	/	/	<=38.45	Pass
		Inner 1RB Right	19.76	/	/	14.61	/	/	<=38.45	Pass
CP-OFDM QPSK	826.5	Edge 1RB Left	21.35	/	/	16.20	/	/	<=38.45	Pass
		Edge 1RB Right	21.22	/	/	16.07	/	/	<=38.45	Pass
		Outer Full	21.28	/	/	16.13	/	/	<=38.45	Pass
		Inner Full	22.81	/	/	17.66	/	/	<=38.45	Pass
		Inner 1RB Left	22.91	/	/	17.76	/	/	<=38.45	Pass
		Inner 1RB Right	22.79	/	/	17.64	/	/	<=38.45	Pass
	836.5	Edge 1RB Left	21.39	/	/	16.24	/	/	<=38.45	Pass
		Edge 1RB Right	21.58	/	/	16.43	/	/	<=38.45	Pass
		Outer Full	21.46	/	/	16.31	/	/	<=38.45	Pass
		Inner Full	22.75	/	/	17.60	/	/	<=38.45	Pass
		Inner 1RB Left	22.87	/	/	17.72	/	/	<=38.45	Pass
		Inner 1RB Right	23.05	/	/	17.90	/	/	<=38.45	Pass
	846.5	Edge 1RB Left	21.49	/	/	16.34	/	/	<=38.45	Pass
		Edge 1RB Right	21.54	/	/	16.39	/	/	<=38.45	Pass
		Outer Full	21.35	/	/	16.20	/	/	<=38.45	Pass
		Inner Full	22.99	/	/	17.84	/	/	<=38.45	Pass
		Inner 1RB Left	22.91	/	/	17.76	/	/	<=38.45	Pass
		Inner 1RB Right	23.02	/	/	17.87	/	/	<=38.45	Pass

CP-OFDM 16 QAM	826.5	Edge_1RB_Left	21.38	/	/	16.23	/	/	<=38.45	Pass
		Edge_1RB_Right	21.22	/	/	16.07	/	/	<=38.45	Pass
		Outer_Full	21.26	/	/	16.11	/	/	<=38.45	Pass
		Inner_Full	22.26	/	/	17.11	/	/	<=38.45	Pass
		Inner_1RB_Left	22.33	/	/	17.18	/	/	<=38.45	Pass
		Inner_1RB_Right	22.25	/	/	17.10	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.27	/	/	16.12	/	/	<=38.45	Pass
		Edge_1RB_Right	21.56	/	/	16.41	/	/	<=38.45	Pass
		Outer_Full	21.42	/	/	16.27	/	/	<=38.45	Pass
		Inner_Full	22.43	/	/	17.28	/	/	<=38.45	Pass
		Inner_1RB_Left	22.40	/	/	17.25	/	/	<=38.45	Pass
		Inner_1RB_Right	22.46	/	/	17.31	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	21.46	/	/	16.31	/	/	<=38.45	Pass
		Edge_1RB_Right	21.49	/	/	16.34	/	/	<=38.45	Pass
		Outer_Full	21.39	/	/	16.24	/	/	<=38.45	Pass
		Inner_Full	22.42	/	/	17.27	/	/	<=38.45	Pass
		Inner_1RB_Left	22.43	/	/	17.28	/	/	<=38.45	Pass
		Inner_1RB_Right	22.45	/	/	17.30	/	/	<=38.45	Pass
CP-OFDM 64 QAM	826.5	Edge_1RB_Left	20.90	/	/	15.75	/	/	<=38.45	Pass
		Edge_1RB_Right	20.89	/	/	15.74	/	/	<=38.45	Pass
		Outer_Full	20.86	/	/	15.71	/	/	<=38.45	Pass
		Inner_Full	20.84	/	/	15.69	/	/	<=38.45	Pass
		Inner_1RB_Left	20.90	/	/	15.75	/	/	<=38.45	Pass
		Inner_1RB_Right	20.83	/	/	15.68	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	20.94	/	/	15.79	/	/	<=38.45	Pass
		Edge_1RB_Right	21.07	/	/	15.92	/	/	<=38.45	Pass
		Outer_Full	21.03	/	/	15.88	/	/	<=38.45	Pass
		Inner_Full	20.94	/	/	15.79	/	/	<=38.45	Pass
		Inner_1RB_Left	20.92	/	/	15.77	/	/	<=38.45	Pass
		Inner_1RB_Right	21.20	/	/	16.05	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	21.04	/	/	15.89	/	/	<=38.45	Pass
		Edge_1RB_Right	21.14	/	/	15.99	/	/	<=38.45	Pass
		Outer_Full	21.08	/	/	15.93	/	/	<=38.45	Pass
		Inner_Full	20.90	/	/	15.75	/	/	<=38.45	Pass
		Inner_1RB_Left	21.00	/	/	15.85	/	/	<=38.45	Pass
		Inner_1RB_Right	21.11	/	/	15.96	/	/	<=38.45	Pass
CP-OFDM 256 QAM	826.5	Edge_1RB_Left	17.49	/	/	12.34	/	/	<=38.45	Pass
		Edge_1RB_Right	17.40	/	/	12.25	/	/	<=38.45	Pass
		Outer_Full	17.82	/	/	12.67	/	/	<=38.45	Pass
		Inner_Full	17.82	/	/	12.67	/	/	<=38.45	Pass
		Inner_1RB_Left	17.48	/	/	12.33	/	/	<=38.45	Pass
		Inner_1RB_Right	17.43	/	/	12.28	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	17.46	/	/	12.31	/	/	<=38.45	Pass
		Edge_1RB_Right	17.66	/	/	12.51	/	/	<=38.45	Pass
		Outer_Full	17.88	/	/	12.73	/	/	<=38.45	Pass
		Inner_Full	17.90	/	/	12.75	/	/	<=38.45	Pass
		Inner_1RB_Left	17.45	/	/	12.30	/	/	<=38.45	Pass
		Inner_1RB_Right	17.60	/	/	12.45	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	17.66	/	/	12.51	/	/	<=38.45	Pass
		Edge_1RB_Right	17.69	/	/	12.54	/	/	<=38.45	Pass
		Outer_Full	17.90	/	/	12.75	/	/	<=38.45	Pass
		Inner_Full	17.85	/	/	12.70	/	/	<=38.45	Pass
		Inner_1RB_Left	17.63	/	/	12.48	/	/	<=38.45	Pass
		Inner_1RB_Right	17.62	/	/	12.47	/	/	<=38.45	Pass
Note1: Antenna Gain: Ant1: -3.00dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.2 15k_SISO_10MHz_NTNV_ERP

5G NR n26b SCS=15kHz SISO 10MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			ERP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	829	Edge_1RB_Left	23.20	/	/	18.05	/	/	<=38.45	Pass
		Edge_1RB_Right	23.25	/	/	18.10	/	/	<=38.45	Pass
		Outer_Full	23.25	/	/	18.10	/	/	<=38.45	Pass
		Inner_Full	23.29	/	/	18.14	/	/	<=38.45	Pass
		Inner_1RB_Left	23.22	/	/	18.07	/	/	<=38.45	Pass
		Inner_1RB_Right	23.21	/	/	18.06	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	23.20	/	/	18.05	/	/	<=38.45	Pass
		Edge_1RB_Right	23.35	/	/	18.20	/	/	<=38.45	Pass
		Outer_Full	23.45	/	/	18.30	/	/	<=38.45	Pass
		Inner_Full	23.35	/	/	18.20	/	/	<=38.45	Pass
		Inner_1RB_Left	23.18	/	/	18.03	/	/	<=38.45	Pass
		Inner_1RB_Right	23.37	/	/	18.22	/	/	<=38.45	Pass
	844	Edge_1RB_Left	23.38	/	/	18.23	/	/	<=38.45	Pass
		Edge_1RB_Right	23.37	/	/	18.22	/	/	<=38.45	Pass
		Outer_Full	23.39	/	/	18.24	/	/	<=38.45	Pass
		Inner_Full	23.41	/	/	18.26	/	/	<=38.45	Pass
		Inner_1RB_Left	23.36	/	/	18.21	/	/	<=38.45	Pass
		Inner_1RB_Right	23.28	/	/	18.13	/	/	<=38.45	Pass
DFT-s-OFDM QPSK	829	Edge_1RB_Left	23.23	/	/	18.08	/	/	<=38.45	Pass
		Edge_1RB_Right	23.19	/	/	18.04	/	/	<=38.45	Pass
		Outer_Full	23.22	/	/	18.07	/	/	<=38.45	Pass
		Inner_Full	23.18	/	/	18.03	/	/	<=38.45	Pass
		Inner_1RB_Left	23.35	/	/	18.20	/	/	<=38.45	Pass
		Inner_1RB_Right	23.35	/	/	18.20	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	23.30	/	/	18.15	/	/	<=38.45	Pass
		Edge_1RB_Right	23.32	/	/	18.17	/	/	<=38.45	Pass
		Outer_Full	23.39	/	/	18.24	/	/	<=38.45	Pass
		Inner_Full	23.29	/	/	18.14	/	/	<=38.45	Pass
		Inner_1RB_Left	23.41	/	/	18.26	/	/	<=38.45	Pass
		Inner_1RB_Right	23.45	/	/	18.30	/	/	<=38.45	Pass
	844	Edge_1RB_Left	23.36	/	/	18.21	/	/	<=38.45	Pass
		Edge_1RB_Right	23.42	/	/	18.27	/	/	<=38.45	Pass
		Outer_Full	23.41	/	/	18.26	/	/	<=38.45	Pass
		Inner_Full	23.37	/	/	18.22	/	/	<=38.45	Pass
		Inner_1RB_Left	23.45	/	/	18.30	/	/	<=38.45	Pass
		Inner_1RB_Right	23.46	/	/	18.31	/	/	<=38.45	Pass
DFT-s-OFDM 16 QAM	829	Edge_1RB_Left	22.39	/	/	17.24	/	/	<=38.45	Pass
		Edge_1RB_Right	22.38	/	/	17.23	/	/	<=38.45	Pass
		Outer_Full	22.30	/	/	17.15	/	/	<=38.45	Pass
		Inner_Full	23.22	/	/	18.07	/	/	<=38.45	Pass
		Inner_1RB_Left	23.30	/	/	18.15	/	/	<=38.45	Pass
		Inner_1RB_Right	23.33	/	/	18.18	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	22.35	/	/	17.20	/	/	<=38.45	Pass
		Edge_1RB_Right	22.51	/	/	17.36	/	/	<=38.45	Pass
		Outer_Full	22.34	/	/	17.19	/	/	<=38.45	Pass
		Inner_Full	23.38	/	/	18.23	/	/	<=38.45	Pass
		Inner_1RB_Left	23.29	/	/	18.14	/	/	<=38.45	Pass
		Inner_1RB_Right	23.45	/	/	18.30	/	/	<=38.45	Pass
	844	Edge_1RB_Left	22.50	/	/	17.35	/	/	<=38.45	Pass
		Edge_1RB_Right	22.35	/	/	17.20	/	/	<=38.45	Pass
		Outer_Full	22.43	/	/	17.28	/	/	<=38.45	Pass
		Inner_Full	23.41	/	/	18.26	/	/	<=38.45	Pass
		Inner_1RB_Left	23.47	/	/	18.32	/	/	<=38.45	Pass
		Inner_1RB_Right	23.43	/	/	18.28	/	/	<=38.45	Pass
DFT-s-OFDM 64 QAM	829	Edge_1RB_Left	21.87	/	/	16.72	/	/	<=38.45	Pass
		Edge_1RB_Right	21.95	/	/	16.80	/	/	<=38.45	Pass

		Outer_Full	21.75	/	/	16.60	/	/	<=38.45	Pass
		Inner_Full	21.82	/	/	16.67	/	/	<=38.45	Pass
		Inner_1RB_Left	21.93	/	/	16.78	/	/	<=38.45	Pass
		Inner_1RB_Right	21.94	/	/	16.79	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.88	/	/	16.73	/	/	<=38.45	Pass
		Edge_1RB_Right	22.08	/	/	16.93	/	/	<=38.45	Pass
		Outer_Full	21.84	/	/	16.69	/	/	<=38.45	Pass
		Inner_Full	22.00	/	/	16.85	/	/	<=38.45	Pass
		Inner_1RB_Left	21.87	/	/	16.72	/	/	<=38.45	Pass
		Inner_1RB_Right	22.41	/	/	17.26	/	/	<=38.45	Pass
	844	Edge_1RB_Left	22.05	/	/	16.90	/	/	<=38.45	Pass
		Edge_1RB_Right	22.03	/	/	16.88	/	/	<=38.45	Pass
		Outer_Full	21.91	/	/	16.76	/	/	<=38.45	Pass
		Inner_Full	22.04	/	/	16.89	/	/	<=38.45	Pass
		Inner_1RB_Left	21.98	/	/	16.83	/	/	<=38.45	Pass
		Inner_1RB_Right	21.98	/	/	16.83	/	/	<=38.45	Pass
DFT-s-OFDM 256 QAM	829	Edge_1RB_Left	19.52	/	/	14.37	/	/	<=38.45	Pass
		Edge_1RB_Right	19.45	/	/	14.30	/	/	<=38.45	Pass
		Outer_Full	19.71	/	/	14.56	/	/	<=38.45	Pass
		Inner_Full	19.70	/	/	14.55	/	/	<=38.45	Pass
		Inner_1RB_Left	19.54	/	/	14.39	/	/	<=38.45	Pass
		Inner_1RB_Right	19.53	/	/	14.38	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	19.54	/	/	14.39	/	/	<=38.45	Pass
		Edge_1RB_Right	19.67	/	/	14.52	/	/	<=38.45	Pass
		Outer_Full	19.81	/	/	14.66	/	/	<=38.45	Pass
		Inner_Full	19.81	/	/	14.66	/	/	<=38.45	Pass
		Inner_1RB_Left	19.53	/	/	14.38	/	/	<=38.45	Pass
		Inner_1RB_Right	19.73	/	/	14.58	/	/	<=38.45	Pass
	844	Edge_1RB_Left	19.60	/	/	14.45	/	/	<=38.45	Pass
		Edge_1RB_Right	19.56	/	/	14.41	/	/	<=38.45	Pass
		Outer_Full	19.90	/	/	14.75	/	/	<=38.45	Pass
		Inner_Full	19.83	/	/	14.68	/	/	<=38.45	Pass
		Inner_1RB_Left	19.66	/	/	14.51	/	/	<=38.45	Pass
		Inner_1RB_Right	19.59	/	/	14.44	/	/	<=38.45	Pass
CP-OFDM QPSK	829	Edge_1RB_Left	21.37	/	/	16.22	/	/	<=38.45	Pass
		Edge_1RB_Right	21.29	/	/	16.14	/	/	<=38.45	Pass
		Outer_Full	21.28	/	/	16.13	/	/	<=38.45	Pass
		Inner_Full	22.74	/	/	17.59	/	/	<=38.45	Pass
		Inner_1RB_Left	22.78	/	/	17.63	/	/	<=38.45	Pass
		Inner_1RB_Right	22.86	/	/	17.71	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.30	/	/	16.15	/	/	<=38.45	Pass
		Edge_1RB_Right	21.46	/	/	16.31	/	/	<=38.45	Pass
		Outer_Full	21.43	/	/	16.28	/	/	<=38.45	Pass
		Inner_Full	22.95	/	/	17.80	/	/	<=38.45	Pass
		Inner_1RB_Left	22.81	/	/	17.66	/	/	<=38.45	Pass
		Inner_1RB_Right	23.01	/	/	17.86	/	/	<=38.45	Pass
	844	Edge_1RB_Left	21.52	/	/	16.37	/	/	<=38.45	Pass
		Edge_1RB_Right	21.40	/	/	16.25	/	/	<=38.45	Pass
		Outer_Full	21.47	/	/	16.32	/	/	<=38.45	Pass
		Inner_Full	22.89	/	/	17.74	/	/	<=38.45	Pass
		Inner_1RB_Left	22.98	/	/	17.83	/	/	<=38.45	Pass
		Inner_1RB_Right	22.97	/	/	17.82	/	/	<=38.45	Pass
CP-OFDM 16 QAM	829	Edge_1RB_Left	21.27	/	/	16.12	/	/	<=38.45	Pass
		Edge_1RB_Right	21.29	/	/	16.14	/	/	<=38.45	Pass
		Outer_Full	21.17	/	/	16.02	/	/	<=38.45	Pass
		Inner_Full	22.25	/	/	17.10	/	/	<=38.45	Pass
		Inner_1RB_Left	22.28	/	/	17.13	/	/	<=38.45	Pass
		Inner_1RB_Right	22.27	/	/	17.12	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.26	/	/	16.11	/	/	<=38.45	Pass

		Edge_1RB_Right	21.31	/	/	16.16	/	/	<=38.45	Pass
		Outer_Full	21.43	/	/	16.28	/	/	<=38.45	Pass
		Inner_Full	22.39	/	/	17.24	/	/	<=38.45	Pass
		Inner_1RB_Left	22.32	/	/	17.17	/	/	<=38.45	Pass
		Inner_1RB_Right	22.56	/	/	17.41	/	/	<=38.45	Pass
	844	Edge_1RB_Left	21.42	/	/	16.27	/	/	<=38.45	Pass
		Edge_1RB_Right	21.39	/	/	16.24	/	/	<=38.45	Pass
		Outer_Full	21.45	/	/	16.30	/	/	<=38.45	Pass
		Inner_Full	22.48	/	/	17.33	/	/	<=38.45	Pass
		Inner_1RB_Left	22.46	/	/	17.31	/	/	<=38.45	Pass
	Inner_1RB_Right	22.47	/	/	17.32	/	/	<=38.45	Pass	
CP-OFDM 64 QAM	829	Edge_1RB_Left	20.83	/	/	15.68	/	/	<=38.45	Pass
		Edge_1RB_Right	20.88	/	/	15.73	/	/	<=38.45	Pass
		Outer_Full	20.69	/	/	15.54	/	/	<=38.45	Pass
		Inner_Full	20.79	/	/	15.64	/	/	<=38.45	Pass
		Inner_1RB_Left	20.84	/	/	15.69	/	/	<=38.45	Pass
		Inner_1RB_Right	20.99	/	/	15.84	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	20.93	/	/	15.78	/	/	<=38.45	Pass
		Edge_1RB_Right	21.10	/	/	15.95	/	/	<=38.45	Pass
		Outer_Full	20.85	/	/	15.70	/	/	<=38.45	Pass
		Inner_Full	21.00	/	/	15.85	/	/	<=38.45	Pass
		Inner_1RB_Left	20.94	/	/	15.79	/	/	<=38.45	Pass
		Inner_1RB_Right	21.12	/	/	15.97	/	/	<=38.45	Pass
	844	Edge_1RB_Left	21.08	/	/	15.93	/	/	<=38.45	Pass
		Edge_1RB_Right	21.01	/	/	15.86	/	/	<=38.45	Pass
		Outer_Full	20.91	/	/	15.76	/	/	<=38.45	Pass
Inner_Full		20.90	/	/	15.75	/	/	<=38.45	Pass	
Inner_1RB_Left		21.07	/	/	15.92	/	/	<=38.45	Pass	
Inner_1RB_Right		21.04	/	/	15.89	/	/	<=38.45	Pass	
CP-OFDM 256 QAM	829	Edge_1RB_Left	17.49	/	/	12.34	/	/	<=38.45	Pass
		Edge_1RB_Right	17.48	/	/	12.33	/	/	<=38.45	Pass
		Outer_Full	17.82	/	/	12.67	/	/	<=38.45	Pass
		Inner_Full	17.65	/	/	12.50	/	/	<=38.45	Pass
		Inner_1RB_Left	17.48	/	/	12.33	/	/	<=38.45	Pass
		Inner_1RB_Right	17.50	/	/	12.35	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	17.39	/	/	12.24	/	/	<=38.45	Pass
		Edge_1RB_Right	17.62	/	/	12.47	/	/	<=38.45	Pass
		Outer_Full	17.91	/	/	12.76	/	/	<=38.45	Pass
		Inner_Full	17.80	/	/	12.65	/	/	<=38.45	Pass
		Inner_1RB_Left	17.49	/	/	12.34	/	/	<=38.45	Pass
		Inner_1RB_Right	17.65	/	/	12.50	/	/	<=38.45	Pass
	844	Edge_1RB_Left	17.57	/	/	12.42	/	/	<=38.45	Pass
		Edge_1RB_Right	17.52	/	/	12.37	/	/	<=38.45	Pass
		Outer_Full	17.98	/	/	12.83	/	/	<=38.45	Pass
Inner_Full		17.83	/	/	12.68	/	/	<=38.45	Pass	
Inner_1RB_Left		17.60	/	/	12.45	/	/	<=38.45	Pass	
Inner_1RB_Right		17.53	/	/	12.38	/	/	<=38.45	Pass	
Note1: Antenna Gain: Ant1: -3.00dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.3 15k_SISO_15MHz_NTNV_ERP

5G NR n26b SCS=15kHz SISO 15MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			ERP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	831.5	Edge_1RB_Left	23.32	/	/	18.17	/	/	<=38.45	Pass
		Edge_1RB_Right	23.32	/	/	18.17	/	/	<=38.45	Pass
		Outer_Full	23.34	/	/	18.19	/	/	<=38.45	Pass

		Inner Full	23.30	/	/	18.15	/	/	<=38.45	Pass
		Inner 1RB Left	23.24	/	/	18.09	/	/	<=38.45	Pass
		Inner 1RB Right	23.35	/	/	18.20	/	/	<=38.45	Pass
	836.5	Edge 1RB Left	23.28	/	/	18.13	/	/	<=38.45	Pass
		Edge 1RB Right	23.39	/	/	18.24	/	/	<=38.45	Pass
		Outer Full	23.40	/	/	18.25	/	/	<=38.45	Pass
		Inner Full	23.42	/	/	18.27	/	/	<=38.45	Pass
		Inner 1RB Left	23.25	/	/	18.10	/	/	<=38.45	Pass
		Inner 1RB Right	23.39	/	/	18.24	/	/	<=38.45	Pass
	841.5	Edge 1RB Left	23.32	/	/	18.17	/	/	<=38.45	Pass
		Edge 1RB Right	23.39	/	/	18.24	/	/	<=38.45	Pass
		Outer Full	23.45	/	/	18.30	/	/	<=38.45	Pass
		Inner Full	23.48	/	/	18.33	/	/	<=38.45	Pass
		Inner 1RB Left	23.29	/	/	18.14	/	/	<=38.45	Pass
		Inner 1RB Right	23.39	/	/	18.24	/	/	<=38.45	Pass
DFT-s-OFDM QPSK	831.5	Edge 1RB Left	23.37	/	/	18.22	/	/	<=38.45	Pass
		Edge 1RB Right	23.44	/	/	18.29	/	/	<=38.45	Pass
		Outer Full	23.38	/	/	18.23	/	/	<=38.45	Pass
		Inner Full	23.22	/	/	18.07	/	/	<=38.45	Pass
		Inner 1RB Left	23.47	/	/	18.32	/	/	<=38.45	Pass
		Inner 1RB Right	23.51	/	/	18.36	/	/	<=38.45	Pass
	836.5	Edge 1RB Left	23.29	/	/	18.14	/	/	<=38.45	Pass
		Edge 1RB Right	23.72	/	/	18.57	/	/	<=38.45	Pass
		Outer Full	23.45	/	/	18.30	/	/	<=38.45	Pass
		Inner Full	23.40	/	/	18.25	/	/	<=38.45	Pass
		Inner 1RB Left	23.35	/	/	18.20	/	/	<=38.45	Pass
		Inner 1RB Right	23.55	/	/	18.40	/	/	<=38.45	Pass
	841.5	Edge 1RB Left	23.42	/	/	18.27	/	/	<=38.45	Pass
		Edge 1RB Right	23.47	/	/	18.32	/	/	<=38.45	Pass
		Outer Full	23.43	/	/	18.28	/	/	<=38.45	Pass
		Inner Full	23.45	/	/	18.30	/	/	<=38.45	Pass
		Inner 1RB Left	23.23	/	/	18.08	/	/	<=38.45	Pass
		Inner 1RB Right	23.34	/	/	18.19	/	/	<=38.45	Pass
DFT-s-OFDM 16 QAM	831.5	Edge 1RB Left	22.44	/	/	17.29	/	/	<=38.45	Pass
		Edge 1RB Right	22.48	/	/	17.33	/	/	<=38.45	Pass
		Outer Full	22.37	/	/	17.22	/	/	<=38.45	Pass
		Inner Full	23.27	/	/	18.12	/	/	<=38.45	Pass
		Inner 1RB Left	23.43	/	/	18.28	/	/	<=38.45	Pass
		Inner 1RB Right	23.58	/	/	18.43	/	/	<=38.45	Pass
	836.5	Edge 1RB Left	22.31	/	/	17.16	/	/	<=38.45	Pass
		Edge 1RB Right	22.40	/	/	17.25	/	/	<=38.45	Pass
		Outer Full	22.43	/	/	17.28	/	/	<=38.45	Pass
		Inner Full	23.39	/	/	18.24	/	/	<=38.45	Pass
		Inner 1RB Left	23.29	/	/	18.14	/	/	<=38.45	Pass
		Inner 1RB Right	23.44	/	/	18.29	/	/	<=38.45	Pass
	841.5	Edge 1RB Left	22.36	/	/	17.21	/	/	<=38.45	Pass
		Edge 1RB Right	22.43	/	/	17.28	/	/	<=38.45	Pass
		Outer Full	22.42	/	/	17.27	/	/	<=38.45	Pass
		Inner Full	23.44	/	/	18.29	/	/	<=38.45	Pass
		Inner 1RB Left	23.42	/	/	18.27	/	/	<=38.45	Pass
		Inner 1RB Right	23.48	/	/	18.33	/	/	<=38.45	Pass
DFT-s-OFDM 64 QAM	831.5	Edge 1RB Left	21.98	/	/	16.83	/	/	<=38.45	Pass
		Edge 1RB Right	22.11	/	/	16.96	/	/	<=38.45	Pass
		Outer Full	21.81	/	/	16.66	/	/	<=38.45	Pass
		Inner Full	21.80	/	/	16.65	/	/	<=38.45	Pass
		Inner 1RB Left	21.98	/	/	16.83	/	/	<=38.45	Pass
		Inner 1RB Right	22.06	/	/	16.91	/	/	<=38.45	Pass
	836.5	Edge 1RB Left	21.85	/	/	16.70	/	/	<=38.45	Pass
		Edge 1RB Right	21.96	/	/	16.81	/	/	<=38.45	Pass

		Outer_Full	21.96	/	/	16.81	/	/	<=38.45	Pass
		Inner_Full	21.97	/	/	16.82	/	/	<=38.45	Pass
		Inner_1RB_Left	21.88	/	/	16.73	/	/	<=38.45	Pass
		Inner_1RB_Right	22.09	/	/	16.94	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	21.97	/	/	16.82	/	/	<=38.45	Pass
		Edge_1RB_Right	22.07	/	/	16.92	/	/	<=38.45	Pass
		Outer_Full	21.96	/	/	16.81	/	/	<=38.45	Pass
		Inner_Full	21.99	/	/	16.84	/	/	<=38.45	Pass
		Inner_1RB_Left	22.00	/	/	16.85	/	/	<=38.45	Pass
		Inner_1RB_Right	22.12	/	/	16.97	/	/	<=38.45	Pass
DFT-s-OFDM 256 QAM	831.5	Edge_1RB_Left	19.54	/	/	14.39	/	/	<=38.45	Pass
		Edge_1RB_Right	19.63	/	/	14.48	/	/	<=38.45	Pass
		Outer_Full	19.72	/	/	14.57	/	/	<=38.45	Pass
		Inner_Full	19.66	/	/	14.51	/	/	<=38.45	Pass
		Inner_1RB_Left	19.54	/	/	14.39	/	/	<=38.45	Pass
		Inner_1RB_Right	19.65	/	/	14.50	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	19.57	/	/	14.42	/	/	<=38.45	Pass
		Edge_1RB_Right	19.70	/	/	14.55	/	/	<=38.45	Pass
		Outer_Full	19.88	/	/	14.73	/	/	<=38.45	Pass
		Inner_Full	19.82	/	/	14.67	/	/	<=38.45	Pass
		Inner_1RB_Left	19.56	/	/	14.41	/	/	<=38.45	Pass
		Inner_1RB_Right	19.82	/	/	14.67	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	19.52	/	/	14.37	/	/	<=38.45	Pass
		Edge_1RB_Right	19.74	/	/	14.59	/	/	<=38.45	Pass
		Outer_Full	19.95	/	/	14.80	/	/	<=38.45	Pass
		Inner_Full	19.92	/	/	14.77	/	/	<=38.45	Pass
		Inner_1RB_Left	19.54	/	/	14.39	/	/	<=38.45	Pass
		Inner_1RB_Right	19.73	/	/	14.58	/	/	<=38.45	Pass
CP-OFDM QPSK	831.5	Edge_1RB_Left	21.37	/	/	16.22	/	/	<=38.45	Pass
		Edge_1RB_Right	21.42	/	/	16.27	/	/	<=38.45	Pass
		Outer_Full	21.33	/	/	16.18	/	/	<=38.45	Pass
		Inner_Full	22.80	/	/	17.65	/	/	<=38.45	Pass
		Inner_1RB_Left	22.89	/	/	17.74	/	/	<=38.45	Pass
		Inner_1RB_Right	22.93	/	/	17.78	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.49	/	/	16.34	/	/	<=38.45	Pass
		Edge_1RB_Right	21.45	/	/	16.30	/	/	<=38.45	Pass
		Outer_Full	21.41	/	/	16.26	/	/	<=38.45	Pass
		Inner_Full	22.82	/	/	17.67	/	/	<=38.45	Pass
		Inner_1RB_Left	22.85	/	/	17.70	/	/	<=38.45	Pass
		Inner_1RB_Right	22.98	/	/	17.83	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	21.49	/	/	16.34	/	/	<=38.45	Pass
		Edge_1RB_Right	21.54	/	/	16.39	/	/	<=38.45	Pass
		Outer_Full	21.51	/	/	16.36	/	/	<=38.45	Pass
		Inner_Full	23.02	/	/	17.87	/	/	<=38.45	Pass
		Inner_1RB_Left	22.94	/	/	17.79	/	/	<=38.45	Pass
		Inner_1RB_Right	22.98	/	/	17.83	/	/	<=38.45	Pass
CP-OFDM 16 QAM	831.5	Edge_1RB_Left	21.35	/	/	16.20	/	/	<=38.45	Pass
		Edge_1RB_Right	21.46	/	/	16.31	/	/	<=38.45	Pass
		Outer_Full	21.31	/	/	16.16	/	/	<=38.45	Pass
		Inner_Full	22.25	/	/	17.10	/	/	<=38.45	Pass
		Inner_1RB_Left	22.29	/	/	17.14	/	/	<=38.45	Pass
		Inner_1RB_Right	22.54	/	/	17.39	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.35	/	/	16.20	/	/	<=38.45	Pass
		Edge_1RB_Right	21.52	/	/	16.37	/	/	<=38.45	Pass
		Outer_Full	21.37	/	/	16.22	/	/	<=38.45	Pass
		Inner_Full	22.37	/	/	17.22	/	/	<=38.45	Pass
		Inner_1RB_Left	22.33	/	/	17.18	/	/	<=38.45	Pass
		Inner_1RB_Right	22.49	/	/	17.34	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	21.36	/	/	16.21	/	/	<=38.45	Pass

		Edge_1RB_Right	21.50	/	/	16.35	/	/	<=38.45	Pass
		Outer_Full	21.45	/	/	16.30	/	/	<=38.45	Pass
		Inner_Full	22.39	/	/	17.24	/	/	<=38.45	Pass
		Inner_1RB_Left	22.40	/	/	17.25	/	/	<=38.45	Pass
		Inner_1RB_Right	22.47	/	/	17.32	/	/	<=38.45	Pass
CP-OFDM 64 QAM	831.5	Edge_1RB_Left	21.06	/	/	15.91	/	/	<=38.45	Pass
		Edge_1RB_Right	20.95	/	/	15.80	/	/	<=38.45	Pass
		Outer_Full	20.86	/	/	15.71	/	/	<=38.45	Pass
		Inner_Full	20.82	/	/	15.67	/	/	<=38.45	Pass
		Inner_1RB_Left	20.97	/	/	15.82	/	/	<=38.45	Pass
		Inner_1RB_Right	21.06	/	/	15.91	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.00	/	/	15.85	/	/	<=38.45	Pass
		Edge_1RB_Right	20.99	/	/	15.84	/	/	<=38.45	Pass
		Outer_Full	20.95	/	/	15.80	/	/	<=38.45	Pass
		Inner_Full	20.84	/	/	15.69	/	/	<=38.45	Pass
		Inner_1RB_Left	20.92	/	/	15.77	/	/	<=38.45	Pass
		Inner_1RB_Right	21.10	/	/	15.95	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	21.02	/	/	15.87	/	/	<=38.45	Pass
		Edge_1RB_Right	20.97	/	/	15.82	/	/	<=38.45	Pass
		Outer_Full	20.94	/	/	15.79	/	/	<=38.45	Pass
		Inner_Full	20.99	/	/	15.84	/	/	<=38.45	Pass
		Inner_1RB_Left	20.99	/	/	15.84	/	/	<=38.45	Pass
		Inner_1RB_Right	21.05	/	/	15.90	/	/	<=38.45	Pass
CP-OFDM 256 QAM	831.5	Edge_1RB_Left	17.64	/	/	12.49	/	/	<=38.45	Pass
		Edge_1RB_Right	17.72	/	/	12.57	/	/	<=38.45	Pass
		Outer_Full	17.78	/	/	12.63	/	/	<=38.45	Pass
		Inner_Full	17.73	/	/	12.58	/	/	<=38.45	Pass
		Inner_1RB_Left	17.53	/	/	12.38	/	/	<=38.45	Pass
		Inner_1RB_Right	17.78	/	/	12.63	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	17.52	/	/	12.37	/	/	<=38.45	Pass
		Edge_1RB_Right	17.71	/	/	12.56	/	/	<=38.45	Pass
		Outer_Full	17.95	/	/	12.80	/	/	<=38.45	Pass
		Inner_Full	17.90	/	/	12.75	/	/	<=38.45	Pass
		Inner_1RB_Left	17.44	/	/	12.29	/	/	<=38.45	Pass
		Inner_1RB_Right	17.76	/	/	12.61	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	17.53	/	/	12.38	/	/	<=38.45	Pass
		Edge_1RB_Right	17.66	/	/	12.51	/	/	<=38.45	Pass
		Outer_Full	17.98	/	/	12.83	/	/	<=38.45	Pass
		Inner_Full	17.99	/	/	12.84	/	/	<=38.45	Pass
		Inner_1RB_Left	17.55	/	/	12.40	/	/	<=38.45	Pass
		Inner_1RB_Right	17.67	/	/	12.52	/	/	<=38.45	Pass
Note1: Antenna Gain: Ant1: -3.00dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.4 15k_SISO_20MHz_NTNV_ERP

5G NR n26b SCS=15kHz SISO 20MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			ERP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	834	Edge_1RB_Left	23.27	/	/	18.12	/	/	<=38.45	Pass
		Edge_1RB_Right	23.34	/	/	18.19	/	/	<=38.45	Pass
		Outer_Full	23.45	/	/	18.30	/	/	<=38.45	Pass
		Inner_Full	23.36	/	/	18.21	/	/	<=38.45	Pass
		Inner_1RB_Left	23.21	/	/	18.06	/	/	<=38.45	Pass
		Inner_1RB_Right	23.32	/	/	18.17	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	23.31	/	/	18.16	/	/	<=38.45	Pass
		Edge_1RB_Right	23.41	/	/	18.26	/	/	<=38.45	Pass
		Outer_Full	23.45	/	/	18.30	/	/	<=38.45	Pass

		Inner_Full	23.51	/	/	18.36	/	/	<=38.45	Pass
		Inner_1RB_Left	23.30	/	/	18.15	/	/	<=38.45	Pass
		Inner_1RB_Right	23.45	/	/	18.30	/	/	<=38.45	Pass
	839	Edge_1RB_Left	23.27	/	/	18.12	/	/	<=38.45	Pass
		Edge_1RB_Right	23.41	/	/	18.26	/	/	<=38.45	Pass
		Outer_Full	23.51	/	/	18.36	/	/	<=38.45	Pass
		Inner_Full	23.40	/	/	18.25	/	/	<=38.45	Pass
		Inner_1RB_Left	23.25	/	/	18.10	/	/	<=38.45	Pass
		Inner_1RB_Right	23.41	/	/	18.26	/	/	<=38.45	Pass
DFT-s-OFDM QPSK	834	Edge_1RB_Left	23.40	/	/	18.25	/	/	<=38.45	Pass
		Edge_1RB_Right	23.27	/	/	18.12	/	/	<=38.45	Pass
		Outer_Full	23.30	/	/	18.15	/	/	<=38.45	Pass
		Inner_Full	23.25	/	/	18.10	/	/	<=38.45	Pass
		Inner_1RB_Left	23.22	/	/	18.07	/	/	<=38.45	Pass
		Inner_1RB_Right	23.28	/	/	18.13	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	23.33	/	/	18.18	/	/	<=38.45	Pass
		Edge_1RB_Right	23.52	/	/	18.37	/	/	<=38.45	Pass
		Outer_Full	23.42	/	/	18.27	/	/	<=38.45	Pass
		Inner_Full	23.40	/	/	18.25	/	/	<=38.45	Pass
		Inner_1RB_Left	23.30	/	/	18.15	/	/	<=38.45	Pass
		Inner_1RB_Right	23.57	/	/	18.42	/	/	<=38.45	Pass
	839	Edge_1RB_Left	23.34	/	/	18.19	/	/	<=38.45	Pass
		Edge_1RB_Right	23.55	/	/	18.40	/	/	<=38.45	Pass
		Outer_Full	23.45	/	/	18.30	/	/	<=38.45	Pass
		Inner_Full	23.45	/	/	18.30	/	/	<=38.45	Pass
		Inner_1RB_Left	23.36	/	/	18.21	/	/	<=38.45	Pass
		Inner_1RB_Right	23.48	/	/	18.33	/	/	<=38.45	Pass
DFT-s-OFDM 16 QAM	834	Edge_1RB_Left	22.36	/	/	17.21	/	/	<=38.45	Pass
		Edge_1RB_Right	22.38	/	/	17.23	/	/	<=38.45	Pass
		Outer_Full	22.33	/	/	17.18	/	/	<=38.45	Pass
		Inner_Full	23.33	/	/	18.18	/	/	<=38.45	Pass
		Inner_1RB_Left	23.36	/	/	18.21	/	/	<=38.45	Pass
		Inner_1RB_Right	23.42	/	/	18.27	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	22.43	/	/	17.28	/	/	<=38.45	Pass
		Edge_1RB_Right	22.47	/	/	17.32	/	/	<=38.45	Pass
		Outer_Full	22.45	/	/	17.30	/	/	<=38.45	Pass
		Inner_Full	23.36	/	/	18.21	/	/	<=38.45	Pass
		Inner_1RB_Left	23.28	/	/	18.13	/	/	<=38.45	Pass
		Inner_1RB_Right	23.46	/	/	18.31	/	/	<=38.45	Pass
	839	Edge_1RB_Left	22.44	/	/	17.29	/	/	<=38.45	Pass
		Edge_1RB_Right	22.50	/	/	17.35	/	/	<=38.45	Pass
		Outer_Full	22.48	/	/	17.33	/	/	<=38.45	Pass
		Inner_Full	23.43	/	/	18.28	/	/	<=38.45	Pass
		Inner_1RB_Left	23.30	/	/	18.15	/	/	<=38.45	Pass
		Inner_1RB_Right	23.54	/	/	18.39	/	/	<=38.45	Pass
DFT-s-OFDM 64 QAM	834	Edge_1RB_Left	21.86	/	/	16.71	/	/	<=38.45	Pass
		Edge_1RB_Right	22.28	/	/	17.13	/	/	<=38.45	Pass
		Outer_Full	21.76	/	/	16.61	/	/	<=38.45	Pass
		Inner_Full	21.72	/	/	16.57	/	/	<=38.45	Pass
		Inner_1RB_Left	21.83	/	/	16.68	/	/	<=38.45	Pass
		Inner_1RB_Right	22.26	/	/	17.11	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	22.05	/	/	16.90	/	/	<=38.45	Pass
		Edge_1RB_Right	22.08	/	/	16.93	/	/	<=38.45	Pass
		Outer_Full	21.89	/	/	16.74	/	/	<=38.45	Pass
		Inner_Full	21.86	/	/	16.71	/	/	<=38.45	Pass
		Inner_1RB_Left	22.06	/	/	16.91	/	/	<=38.45	Pass
		Inner_1RB_Right	22.12	/	/	16.97	/	/	<=38.45	Pass
	839	Edge_1RB_Left	21.94	/	/	16.79	/	/	<=38.45	Pass
		Edge_1RB_Right	22.09	/	/	16.94	/	/	<=38.45	Pass

		Outer_Full	21.83	/	/	16.68	/	/	<=38.45	Pass
		Inner_Full	21.87	/	/	16.72	/	/	<=38.45	Pass
		Inner_1RB_Left	21.77	/	/	16.62	/	/	<=38.45	Pass
		Inner_1RB_Right	22.12	/	/	16.97	/	/	<=38.45	Pass
DFT-s-OFDM 256 QAM	834	Edge_1RB_Left	19.59	/	/	14.44	/	/	<=38.45	Pass
		Edge_1RB_Right	19.67	/	/	14.52	/	/	<=38.45	Pass
		Outer_Full	19.81	/	/	14.66	/	/	<=38.45	Pass
		Inner_Full	19.70	/	/	14.55	/	/	<=38.45	Pass
		Inner_1RB_Left	19.56	/	/	14.41	/	/	<=38.45	Pass
		Inner_1RB_Right	19.67	/	/	14.52	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	19.63	/	/	14.48	/	/	<=38.45	Pass
		Edge_1RB_Right	19.76	/	/	14.61	/	/	<=38.45	Pass
		Outer_Full	19.94	/	/	14.79	/	/	<=38.45	Pass
		Inner_Full	19.83	/	/	14.68	/	/	<=38.45	Pass
		Inner_1RB_Left	19.60	/	/	14.45	/	/	<=38.45	Pass
		Inner_1RB_Right	19.69	/	/	14.54	/	/	<=38.45	Pass
	839	Edge_1RB_Left	19.53	/	/	14.38	/	/	<=38.45	Pass
		Edge_1RB_Right	19.64	/	/	14.49	/	/	<=38.45	Pass
		Outer_Full	19.88	/	/	14.73	/	/	<=38.45	Pass
		Inner_Full	19.83	/	/	14.68	/	/	<=38.45	Pass
		Inner_1RB_Left	19.54	/	/	14.39	/	/	<=38.45	Pass
		Inner_1RB_Right	19.72	/	/	14.57	/	/	<=38.45	Pass
CP-OFDM QPSK	834	Edge_1RB_Left	21.35	/	/	16.20	/	/	<=38.45	Pass
		Edge_1RB_Right	21.48	/	/	16.33	/	/	<=38.45	Pass
		Outer_Full	21.38	/	/	16.23	/	/	<=38.45	Pass
		Inner_Full	22.86	/	/	17.71	/	/	<=38.45	Pass
		Inner_1RB_Left	22.80	/	/	17.65	/	/	<=38.45	Pass
		Inner_1RB_Right	22.93	/	/	17.78	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.49	/	/	16.34	/	/	<=38.45	Pass
		Edge_1RB_Right	21.48	/	/	16.33	/	/	<=38.45	Pass
		Outer_Full	21.39	/	/	16.24	/	/	<=38.45	Pass
		Inner_Full	22.95	/	/	17.80	/	/	<=38.45	Pass
		Inner_1RB_Left	22.94	/	/	17.79	/	/	<=38.45	Pass
		Inner_1RB_Right	23.09	/	/	17.94	/	/	<=38.45	Pass
	839	Edge_1RB_Left	21.32	/	/	16.17	/	/	<=38.45	Pass
		Edge_1RB_Right	21.58	/	/	16.43	/	/	<=38.45	Pass
		Outer_Full	21.48	/	/	16.33	/	/	<=38.45	Pass
		Inner_Full	22.93	/	/	17.78	/	/	<=38.45	Pass
		Inner_1RB_Left	22.85	/	/	17.70	/	/	<=38.45	Pass
		Inner_1RB_Right	22.98	/	/	17.83	/	/	<=38.45	Pass
CP-OFDM 16 QAM	834	Edge_1RB_Left	21.28	/	/	16.13	/	/	<=38.45	Pass
		Edge_1RB_Right	21.39	/	/	16.24	/	/	<=38.45	Pass
		Outer_Full	21.38	/	/	16.23	/	/	<=38.45	Pass
		Inner_Full	22.48	/	/	17.33	/	/	<=38.45	Pass
		Inner_1RB_Left	22.36	/	/	17.21	/	/	<=38.45	Pass
		Inner_1RB_Right	22.41	/	/	17.26	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.46	/	/	16.31	/	/	<=38.45	Pass
		Edge_1RB_Right	21.50	/	/	16.35	/	/	<=38.45	Pass
		Outer_Full	21.39	/	/	16.24	/	/	<=38.45	Pass
		Inner_Full	22.52	/	/	17.37	/	/	<=38.45	Pass
		Inner_1RB_Left	22.32	/	/	17.17	/	/	<=38.45	Pass
		Inner_1RB_Right	22.51	/	/	17.36	/	/	<=38.45	Pass
	839	Edge_1RB_Left	21.40	/	/	16.25	/	/	<=38.45	Pass
		Edge_1RB_Right	21.49	/	/	16.34	/	/	<=38.45	Pass
		Outer_Full	21.37	/	/	16.22	/	/	<=38.45	Pass
		Inner_Full	22.50	/	/	17.35	/	/	<=38.45	Pass
		Inner_1RB_Left	22.36	/	/	17.21	/	/	<=38.45	Pass
		Inner_1RB_Right	22.48	/	/	17.33	/	/	<=38.45	Pass
CP-OFDM 64 QAM	834	Edge_1RB_Left	20.94	/	/	15.79	/	/	<=38.45	Pass

		Edge_1RB_Right	21.05	/	/	15.90	/	/	<=38.45	Pass
		Outer_Full	20.79	/	/	15.64	/	/	<=38.45	Pass
		Inner_Full	20.90	/	/	15.75	/	/	<=38.45	Pass
		Inner_1RB_Left	20.96	/	/	15.81	/	/	<=38.45	Pass
		Inner_1RB_Right	21.06	/	/	15.91	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.04	/	/	15.89	/	/	<=38.45	Pass
		Edge_1RB_Right	21.01	/	/	15.86	/	/	<=38.45	Pass
		Outer_Full	20.89	/	/	15.74	/	/	<=38.45	Pass
		Inner_Full	20.90	/	/	15.75	/	/	<=38.45	Pass
		Inner_1RB_Left	21.01	/	/	15.86	/	/	<=38.45	Pass
	839	Inner_1RB_Right	21.08	/	/	15.93	/	/	<=38.45	Pass
		Edge_1RB_Left	20.96	/	/	15.81	/	/	<=38.45	Pass
		Edge_1RB_Right	21.06	/	/	15.91	/	/	<=38.45	Pass
		Outer_Full	20.91	/	/	15.76	/	/	<=38.45	Pass
		Inner_Full	20.87	/	/	15.72	/	/	<=38.45	Pass
CP-OFDM 256 QAM	834	Inner_1RB_Left	20.93	/	/	15.78	/	/	<=38.45	Pass
		Inner_1RB_Right	21.08	/	/	15.93	/	/	<=38.45	Pass
		Edge_1RB_Left	17.60	/	/	12.45	/	/	<=38.45	Pass
		Edge_1RB_Right	17.67	/	/	12.52	/	/	<=38.45	Pass
		Outer_Full	17.85	/	/	12.70	/	/	<=38.45	Pass
		Inner_Full	17.83	/	/	12.68	/	/	<=38.45	Pass
	836.5	Inner_1RB_Left	17.59	/	/	12.44	/	/	<=38.45	Pass
		Inner_1RB_Right	17.70	/	/	12.55	/	/	<=38.45	Pass
		Edge_1RB_Left	17.60	/	/	12.45	/	/	<=38.45	Pass
		Edge_1RB_Right	17.74	/	/	12.59	/	/	<=38.45	Pass
		Outer_Full	17.95	/	/	12.80	/	/	<=38.45	Pass
		Inner_Full	17.84	/	/	12.69	/	/	<=38.45	Pass
	839	Inner_1RB_Left	17.50	/	/	12.35	/	/	<=38.45	Pass
		Inner_1RB_Right	17.71	/	/	12.56	/	/	<=38.45	Pass
		Edge_1RB_Left	17.58	/	/	12.43	/	/	<=38.45	Pass
Edge_1RB_Right		17.70	/	/	12.55	/	/	<=38.45	Pass	
Outer_Full		17.99	/	/	12.84	/	/	<=38.45	Pass	
	Inner_Full	17.86	/	/	12.71	/	/	<=38.45	Pass	
	Inner_1RB_Left	17.49	/	/	12.34	/	/	<=38.45	Pass	
	Inner_1RB_Right	17.64	/	/	12.49	/	/	<=38.45	Pass	
Note1: Antenna Gain: Ant1: -3.00dBi; Note2: EIRP=Conducted Power+Antenna Gain										

2. Frequency Stability

2.1 Test Result

2.1.1 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	-7.60	-0.0091	>=-2.5 & <=2.5	Pass
				HV	-11.50	-0.0137	>=-2.5 & <=2.5	Pass
			-30	NV	-7.60	-0.0091	>=-2.5 & <=2.5	Pass
				NV	-12.80	-0.0153	>=-2.5 & <=2.5	Pass
			-10	NV	-6.20	-0.0074	>=-2.5 & <=2.5	Pass
				NV	-8.80	-0.0105	>=-2.5 & <=2.5	Pass
			10	NV	-12.60	-0.0151	>=-2.5 & <=2.5	Pass
				NV	-8.30	-0.0099	>=-2.5 & <=2.5	Pass
			30	NV	-12.70	-0.0152	>=-2.5 & <=2.5	Pass

			40	NV	-11.60	-0.0139	>=-2.5 & <=2.5	Pass
			50	NV	-10.60	-0.0127	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	836.5	Outer_Full	20	LV	-9.50	-0.0114	>=-2.5 & <=2.5	Pass
				HV	-9.80	-0.0117	>=-2.5 & <=2.5	Pass
			-30	NV	-12.70	-0.0152	>=-2.5 & <=2.5	Pass
			-20	NV	-9.90	-0.0118	>=-2.5 & <=2.5	Pass
			-10	NV	-7.60	-0.0091	>=-2.5 & <=2.5	Pass
			0	NV	-12.10	-0.0145	>=-2.5 & <=2.5	Pass
			10	NV	-5.60	-0.0067	>=-2.5 & <=2.5	Pass
			20	NV	-4.70	-0.0056	>=-2.5 & <=2.5	Pass
			30	NV	-15.10	-0.0181	>=-2.5 & <=2.5	Pass
			40	NV	-2.40	-0.0029	>=-2.5 & <=2.5	Pass
			50	NV	-16.30	-0.0195	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	836.5	Outer_Full	20	LV	-10.40	-0.0124	>=-2.5 & <=2.5	Pass
				HV	-9.40	-0.0112	>=-2.5 & <=2.5	Pass
			-30	NV	-10.30	-0.0123	>=-2.5 & <=2.5	Pass
			-20	NV	-6.00	-0.0072	>=-2.5 & <=2.5	Pass
			-10	NV	-11.00	-0.0132	>=-2.5 & <=2.5	Pass
			0	NV	-4.10	-0.0049	>=-2.5 & <=2.5	Pass
			10	NV	-9.40	-0.0112	>=-2.5 & <=2.5	Pass
			20	NV	-11.60	-0.0139	>=-2.5 & <=2.5	Pass
			30	NV	-9.40	-0.0112	>=-2.5 & <=2.5	Pass
			40	NV	-8.90	-0.0106	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	836.5	Outer_Full	20	LV	-12.40	-0.0148	>=-2.5 & <=2.5	Pass
				HV	-5.20	-0.0062	>=-2.5 & <=2.5	Pass
			-30	NV	-8.50	-0.0102	>=-2.5 & <=2.5	Pass
			-20	NV	-10.20	-0.0122	>=-2.5 & <=2.5	Pass
			-10	NV	-12.60	-0.0151	>=-2.5 & <=2.5	Pass
			0	NV	-10.40	-0.0124	>=-2.5 & <=2.5	Pass
			10	NV	-8.90	-0.0106	>=-2.5 & <=2.5	Pass
			20	NV	-11.80	-0.0141	>=-2.5 & <=2.5	Pass
			30	NV	-12.70	-0.0152	>=-2.5 & <=2.5	Pass
			40	NV	-12.20	-0.0146	>=-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	-7.10	-0.0085	>=-2.5 & <=2.5	Pass
			-30	NV	-8.80	-0.0105	>=-2.5 & <=2.5	Pass
			-20	NV	-3.10	-0.0037	>=-2.5 & <=2.5	Pass
			-10	NV	-5.30	-0.0063	>=-2.5 & <=2.5	Pass
			0	NV	-5.10	-0.0061	>=-2.5 & <=2.5	Pass
			10	NV	-4.50	-0.0054	>=-2.5 & <=2.5	Pass
			20	NV	-5.10	-0.0061	>=-2.5 & <=2.5	Pass
			30	NV	-4.20	-0.0050	>=-2.5 & <=2.5	Pass
			40	NV	-2.80	-0.0033	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	836.5	Outer_Full	20	LV	-6.10	-0.0073	>=-2.5 & <=2.5	Pass
				HV	4.20	0.0050	>=-2.5 & <=2.5	Pass
			-30	NV	-6.20	-0.0074	>=-2.5 & <=2.5	Pass
			-20	NV	1.80	0.0022	>=-2.5 & <=2.5	Pass
			-10	NV	-5.20	-0.0062	>=-2.5 & <=2.5	Pass
			0	NV	-4.70	-0.0056	>=-2.5 & <=2.5	Pass
			10	NV	-8.40	-0.0100	>=-2.5 & <=2.5	Pass
			20	NV	-6.90	-0.0082	>=-2.5 & <=2.5	Pass
			30	NV	-4.60	-0.0055	>=-2.5 & <=2.5	Pass
			40	NV	-3.90	-0.0047	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	836.5	Outer_Full	20	NV	-5.90	-0.0071	>=-2.5 & <=2.5	Pass
				HV	1.20	0.0014	>=-2.5 & <=2.5	Pass

			-30	NV	-5.60	-0.0067	>=-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	-4.30	-0.0051	>=-2.5 & <=2.5	Pass
			10	NV	0.40	0.0005	>=-2.5 & <=2.5	Pass
			20	NV	-4.30	-0.0051	>=-2.5 & <=2.5	Pass
			30	NV	-5.70	-0.0068	>=-2.5 & <=2.5	Pass
			40	NV	-5.30	-0.0063	>=-2.5 & <=2.5	Pass
			50	NV	-6.20	-0.0074	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	836.5	Outer_Full	20	LV	3.70	0.0044	>=-2.5 & <=2.5	Pass
				HV	-5.40	-0.0065	>=-2.5 & <=2.5	Pass
			-30	NV	-7.40	-0.0088	>=-2.5 & <=2.5	Pass
			-20	NV	-3.70	-0.0044	>=-2.5 & <=2.5	Pass
			-10	NV	-6.30	-0.0075	>=-2.5 & <=2.5	Pass
			0	NV	-5.30	-0.0063	>=-2.5 & <=2.5	Pass
			10	NV	-4.50	-0.0054	>=-2.5 & <=2.5	Pass
			20	NV	-4.70	-0.0056	>=-2.5 & <=2.5	Pass
			30	NV	-3.90	-0.0047	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	836.5	Outer_Full	40	NV	-6.20	-0.0074	>=-2.5 & <=2.5	Pass
			50	NV	-7.50	-0.0090	>=-2.5 & <=2.5	Pass
			20	LV	-5.50	-0.0066	>=-2.5 & <=2.5	Pass
				HV	-5.80	-0.0069	>=-2.5 & <=2.5	Pass
			-30	NV	-5.60	-0.0067	>=-2.5 & <=2.5	Pass
			-20	NV	-3.50	-0.0042	>=-2.5 & <=2.5	Pass
			-10	NV	-6.40	-0.0077	>=-2.5 & <=2.5	Pass
			0	NV	-5.10	-0.0061	>=-2.5 & <=2.5	Pass
			10	NV	-4.20	-0.0050	>=-2.5 & <=2.5	Pass
			20	NV	-7.20	-0.0086	>=-2.5 & <=2.5	Pass
			30	NV	-1.60	-0.0019	>=-2.5 & <=2.5	Pass
			40	NV	-4.80	-0.0057	>=-2.5 & <=2.5	Pass
			50	NV	-4.10	-0.0049	>=-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 NTN						
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	5.37	/	Pass
	836.5	Outer_Full	4.56	5.24	/	Pass
	846.5	Outer_Full	4.56	5.29	/	Pass
DFT-s-OFDM QPSK	826.5	Outer_Full	4.54	5.29	/	Pass
	836.5	Outer_Full	4.56	5.46	/	Pass
	846.5	Outer_Full	4.53	5.28	/	Pass
DFT-s-OFDM 16 QAM	826.5	Outer_Full	4.59	5.45	/	Pass
	836.5	Outer_Full	4.57	5.32	/	Pass
	846.5	Outer_Full	4.59	5.43	/	Pass
DFT-s-OFDM 64 QAM	826.5	Outer_Full	4.53	5.18	/	Pass
	836.5	Outer_Full	4.58	5.36	/	Pass
	846.5	Outer_Full	4.55	5.28	/	Pass
DFT-s-OFDM 256 QAM	826.5	Outer_Full	4.59	5.38	/	Pass
	836.5	Outer_Full	4.61	5.46	/	Pass
	846.5	Outer_Full	4.56	5.37	/	Pass

CP-OFDM QPSK	826.5	Outer_Full	4.56	5.45	/	Pass
	836.5	Outer_Full	4.55	5.41	/	Pass
	846.5	Outer_Full	4.54	5.29	/	Pass
CP-OFDM 16 QAM	826.5	Outer_Full	4.57	5.41	/	Pass
	836.5	Outer_Full	4.61	5.41	/	Pass
	846.5	Outer_Full	4.55	5.37	/	Pass
CP-OFDM 64 QAM	826.5	Outer_Full	4.53	5.33	/	Pass
	836.5	Outer_Full	4.51	5.24	/	Pass
	846.5	Outer_Full	4.54	5.29	/	Pass
CP-OFDM 256 QAM	826.5	Outer_Full	4.56	5.34	/	Pass
	836.5	Outer_Full	4.57	5.35	/	Pass
	846.5	Outer_Full	4.55	5.35	/	Pass

3.1.2 15k_SISO_10MHz_NTNV

5G NR n26b SCS=15kHz SISO 10MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	829	Outer_Full	9.03	9.94	/	Pass
	836.5	Outer_Full	9.03	9.96	/	Pass
	844	Outer_Full	9.02	9.91	/	Pass
DFT-s-OFDM QPSK	829	Outer_Full	9.07	10.06	/	Pass
	836.5	Outer_Full	9.04	10.06	/	Pass
	844	Outer_Full	9.04	10.09	/	Pass
DFT-s-OFDM 16 QAM	829	Outer_Full	9.05	9.95	/	Pass
	836.5	Outer_Full	9.04	9.92	/	Pass
	844	Outer_Full	9.03	9.97	/	Pass
DFT-s-OFDM 64 QAM	829	Outer_Full	9.06	10.00	/	Pass
	836.5	Outer_Full	9.05	10.01	/	Pass
	844	Outer_Full	9.05	9.99	/	Pass
DFT-s-OFDM 256 QAM	829	Outer_Full	9.04	9.97	/	Pass
	836.5	Outer_Full	9.02	9.91	/	Pass
	844	Outer_Full	9.03	9.97	/	Pass
CP-OFDM QPSK	829	Outer_Full	9.39	10.43	/	Pass
	836.5	Outer_Full	9.36	10.36	/	Pass
	844	Outer_Full	9.35	10.36	/	Pass
CP-OFDM 16 QAM	829	Outer_Full	9.41	10.36	/	Pass
	836.5	Outer_Full	9.40	10.43	/	Pass
	844	Outer_Full	9.38	10.38	/	Pass
CP-OFDM 64 QAM	829	Outer_Full	9.38	10.32	/	Pass
	836.5	Outer_Full	9.33	10.37	/	Pass
	844	Outer_Full	9.32	10.27	/	Pass
CP-OFDM 256 QAM	829	Outer_Full	9.37	10.45	/	Pass
	836.5	Outer_Full	9.37	10.37	/	Pass
	844	Outer_Full	9.36	10.33	/	Pass

3.1.3 15k_SISO_15MHz_NTNV

5G NR n26b SCS=15kHz SISO 15MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	831.5	Outer_Full	13.57	14.86	/	Pass
	836.5	Outer_Full	13.57	14.83	/	Pass
	841.5	Outer_Full	13.57	14.84	/	Pass
DFT-s-OFDM QPSK	831.5	Outer_Full	13.64	14.94	/	Pass
	836.5	Outer_Full	13.64	14.92	/	Pass

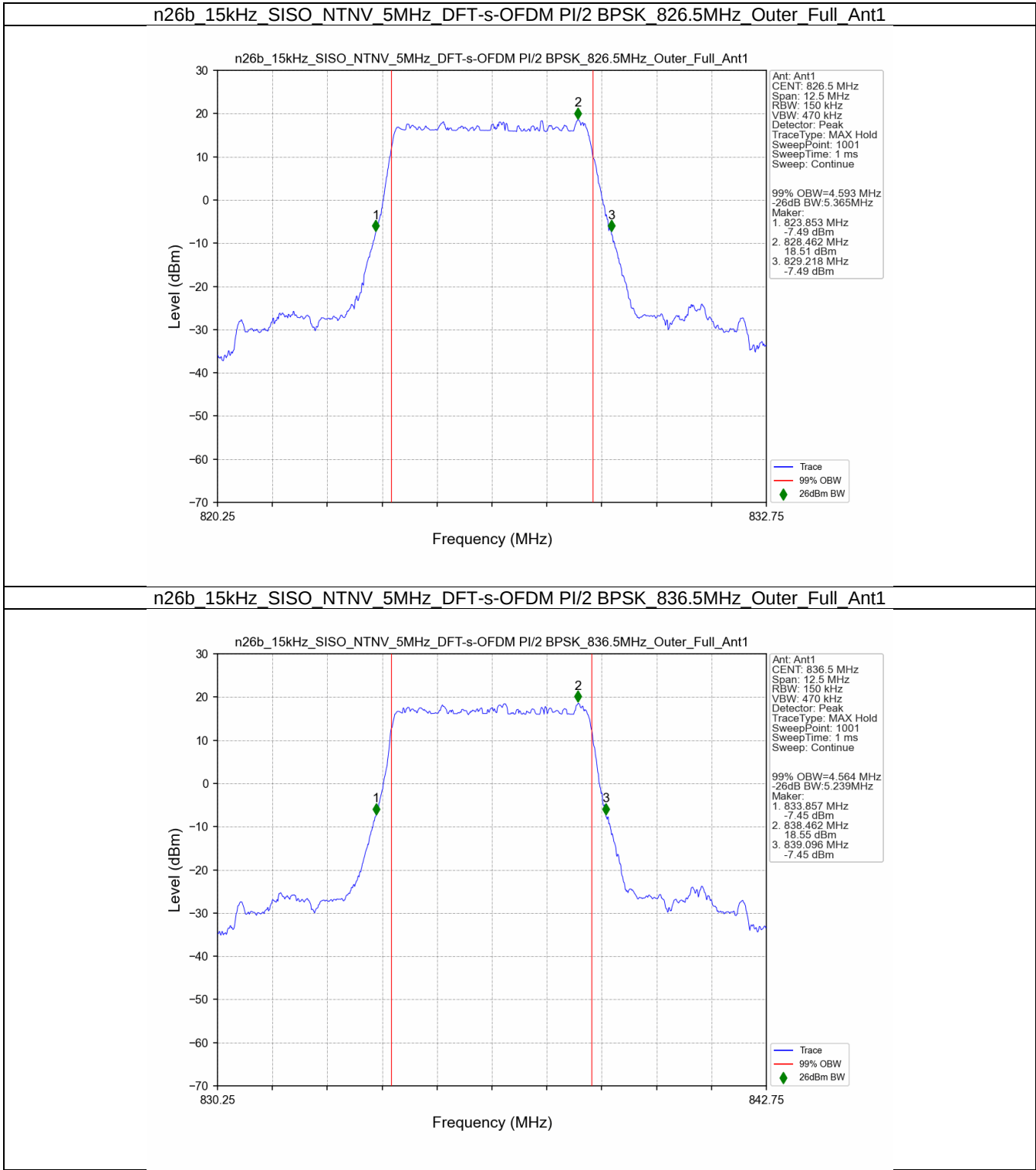
	841.5	Outer_Full	13.61	14.88	/	Pass
DFT-s-OFDM 16 QAM	831.5	Outer_Full	13.62	14.85	/	Pass
	836.5	Outer_Full	13.59	14.82	/	Pass
	841.5	Outer_Full	13.61	14.76	/	Pass
	831.5	Outer_Full	13.53	14.78	/	Pass
DFT-s-OFDM 64 QAM	836.5	Outer_Full	13.54	14.78	/	Pass
	841.5	Outer_Full	13.52	14.88	/	Pass
	831.5	Outer_Full	13.59	14.80	/	Pass
DFT-s-OFDM 256 QAM	836.5	Outer_Full	13.60	14.76	/	Pass
	841.5	Outer_Full	13.59	14.72	/	Pass
	831.5	Outer_Full	14.28	15.55	/	Pass
CP-OFDM QPSK	836.5	Outer_Full	14.28	15.54	/	Pass
	841.5	Outer_Full	14.26	15.48	/	Pass
	831.5	Outer_Full	14.26	15.37	/	Pass
CP-OFDM 16 QAM	836.5	Outer_Full	14.24	15.53	/	Pass
	841.5	Outer_Full	14.24	15.51	/	Pass
	831.5	Outer_Full	14.27	15.55	/	Pass
CP-OFDM 64 QAM	836.5	Outer_Full	14.28	15.65	/	Pass
	841.5	Outer_Full	14.24	15.42	/	Pass
	831.5	Outer_Full	14.24	15.57	/	Pass
CP-OFDM 256 QAM	836.5	Outer_Full	14.25	15.56	/	Pass
	841.5	Outer_Full	14.25	15.44	/	Pass

3.1.4 15k_SISO_20MHz_NTNV

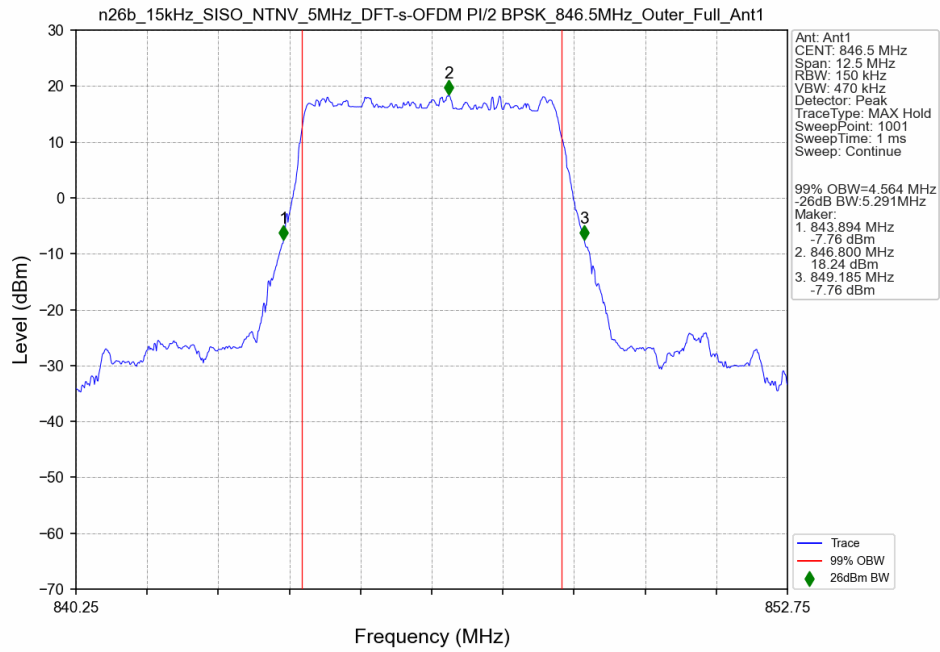
5G NR n26b SCS=15kHz SISO 20MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	834	Outer_Full	18.08	19.45	/	Pass
	836.5	Outer_Full	18.06	19.40	/	Pass
	839	Outer_Full	18.03	19.42	/	Pass
DFT-s-OFDM QPSK	834	Outer_Full	18.01	19.52	/	Pass
	836.5	Outer_Full	18.00	19.53	/	Pass
	839	Outer_Full	17.98	19.54	/	Pass
DFT-s-OFDM 16 QAM	834	Outer_Full	18.05	19.56	/	Pass
	836.5	Outer_Full	18.05	19.54	/	Pass
	839	Outer_Full	18.05	19.55	/	Pass
DFT-s-OFDM 64 QAM	834	Outer_Full	18.05	19.59	/	Pass
	836.5	Outer_Full	18.11	19.50	/	Pass
	839	Outer_Full	18.09	19.52	/	Pass
DFT-s-OFDM 256 QAM	834	Outer_Full	18.01	19.61	/	Pass
	836.5	Outer_Full	18.02	19.58	/	Pass
	839	Outer_Full	17.97	19.53	/	Pass
CP-OFDM QPSK	834	Outer_Full	19.06	20.62	/	Pass
	836.5	Outer_Full	19.03	20.62	/	Pass
	839	Outer_Full	19.00	20.50	/	Pass
CP-OFDM 16 QAM	834	Outer_Full	19.15	20.66	/	Pass
	836.5	Outer_Full	19.14	20.54	/	Pass
	839	Outer_Full	19.14	20.51	/	Pass
CP-OFDM 64 QAM	834	Outer_Full	19.10	20.45	/	Pass
	836.5	Outer_Full	19.06	20.51	/	Pass
	839	Outer_Full	19.06	20.49	/	Pass
CP-OFDM 256 QAM	834	Outer_Full	19.10	20.55	/	Pass
	836.5	Outer_Full	19.06	20.60	/	Pass
	839	Outer_Full	19.03	20.63	/	Pass

3.2 Test Graph

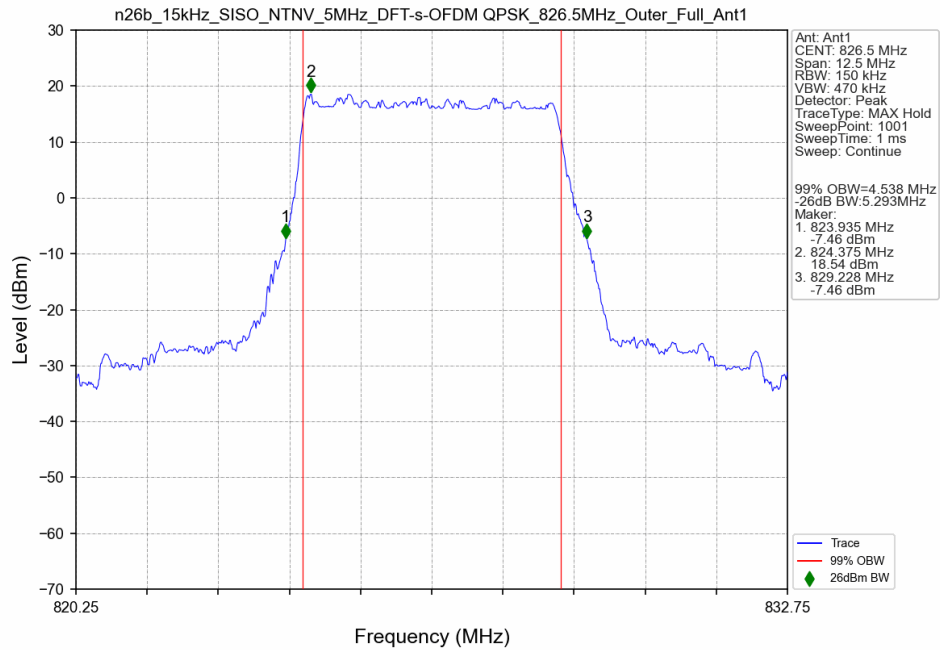
3.2.1 15k_SISO_5MHz_NTNV



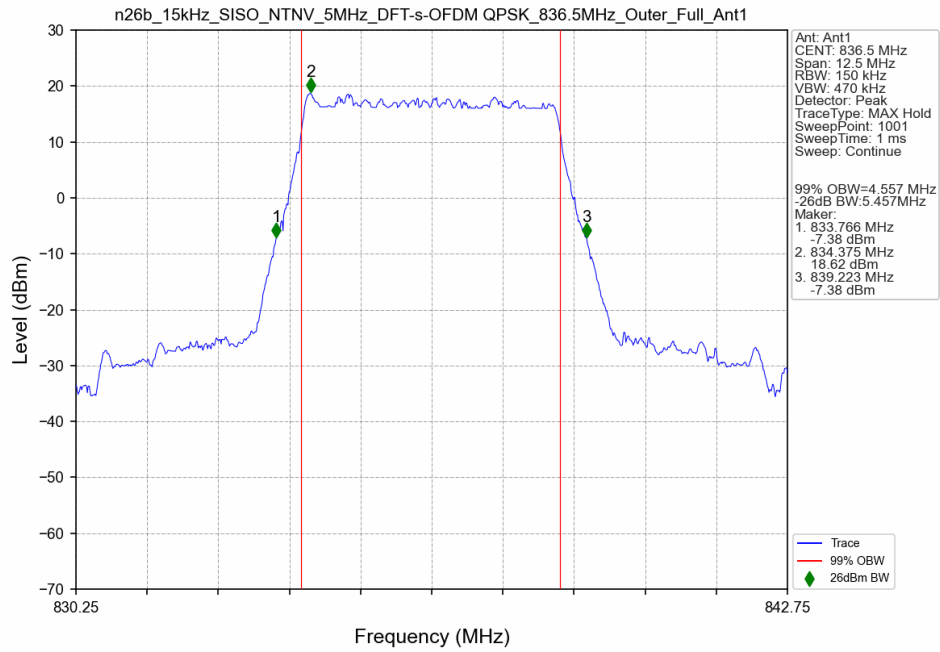
n26b 15kHz SISO NTN 5MHz DFT-s-OFDM PI/2 BPSK 846.5MHz Outer Full Ant1



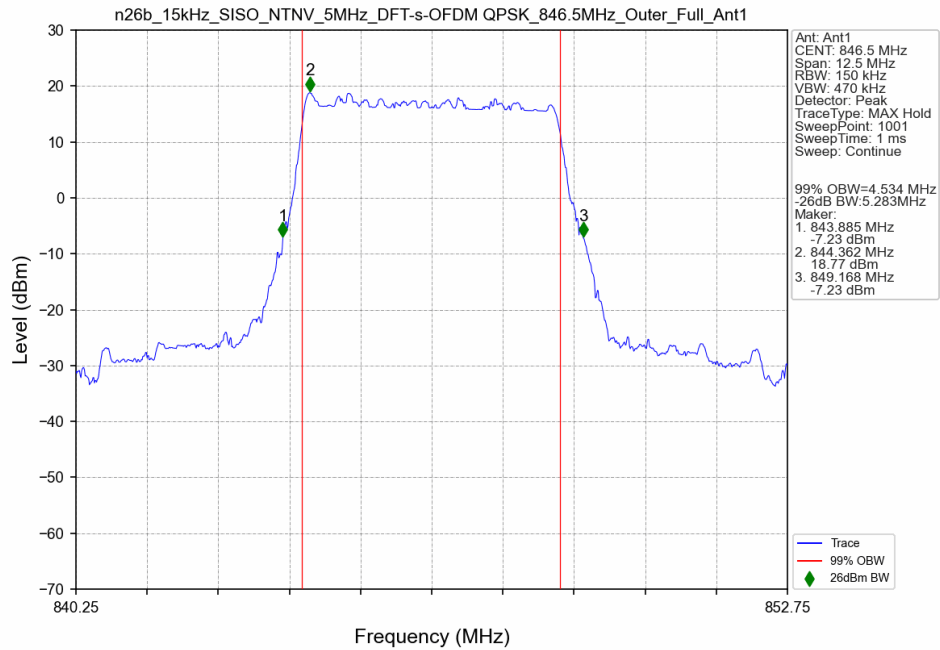
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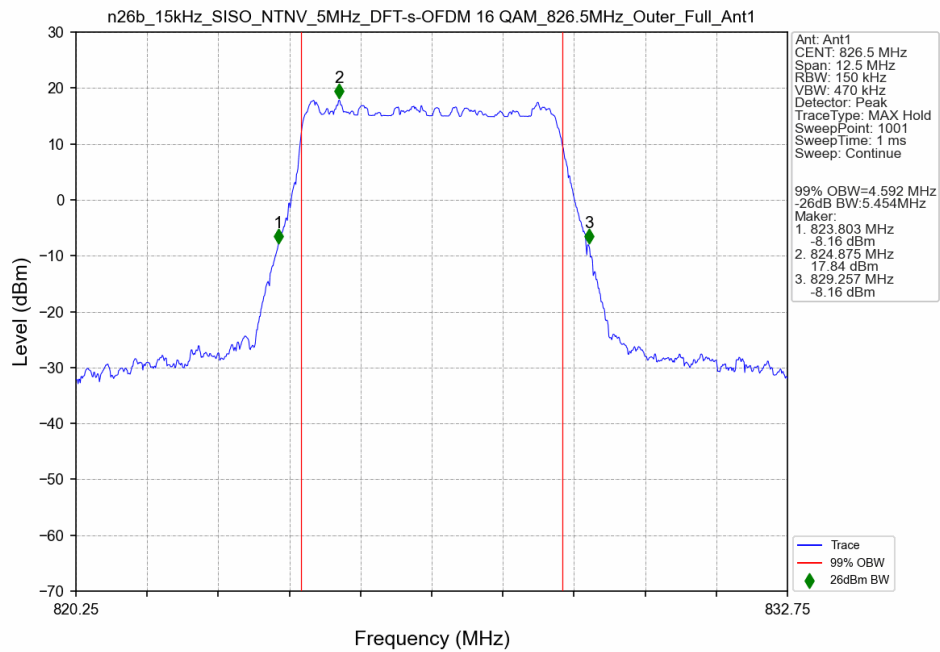
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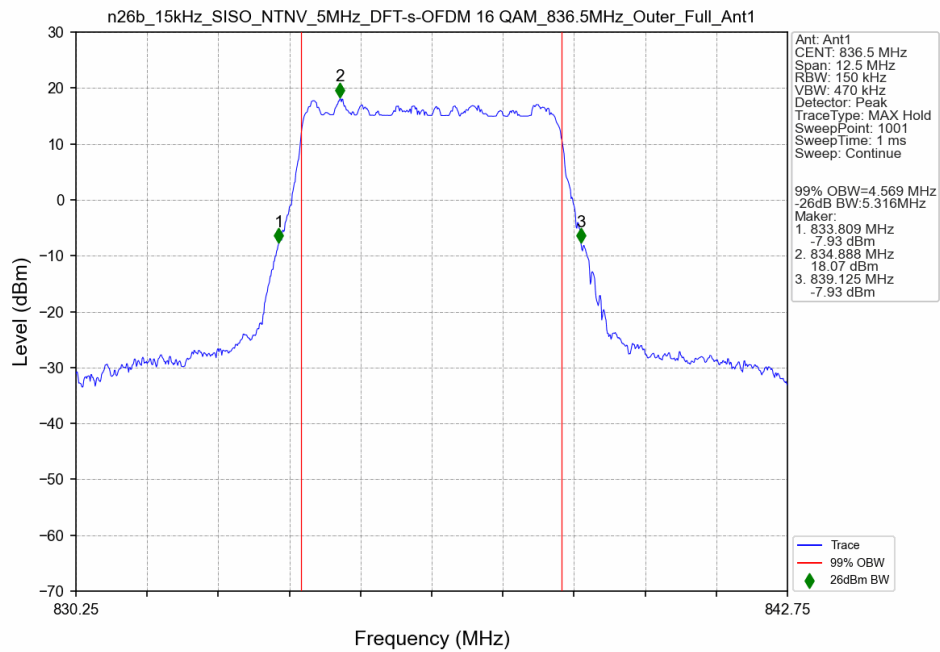
n26b 15kHz SISO NTN 5MHz DFT-s-OFDM QPSK 846.5MHz Outer Full Ant1



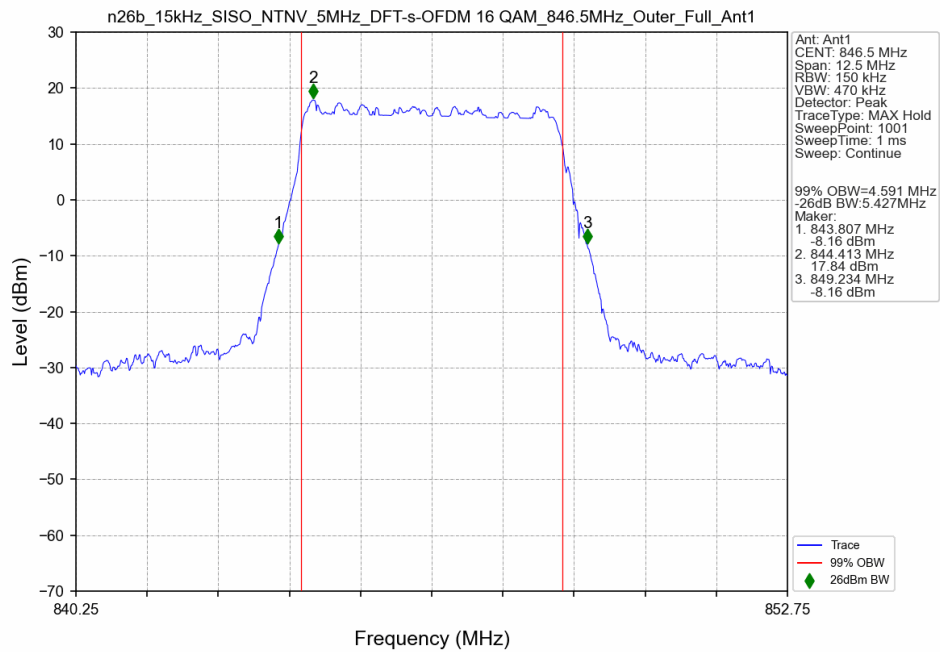
n26b 15kHz SISO NTN 5MHz DFT-s-OFDM 16 QAM 826.5MHz Outer Full Ant1



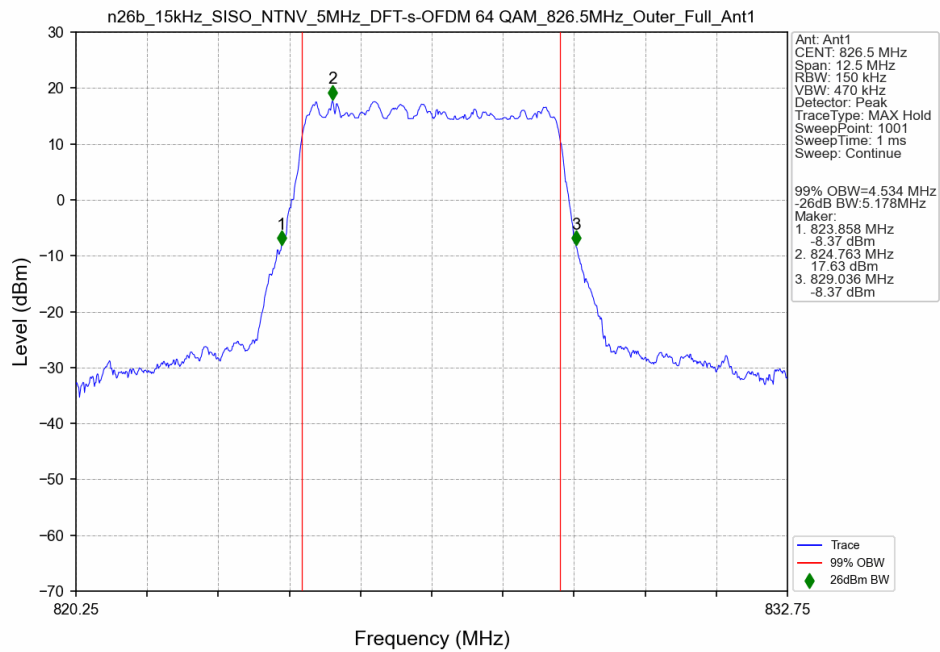
n26b 15kHz SISO NTN 5MHz DFT-s-OFDM 16 QAM 836.5MHz Outer Full Ant1



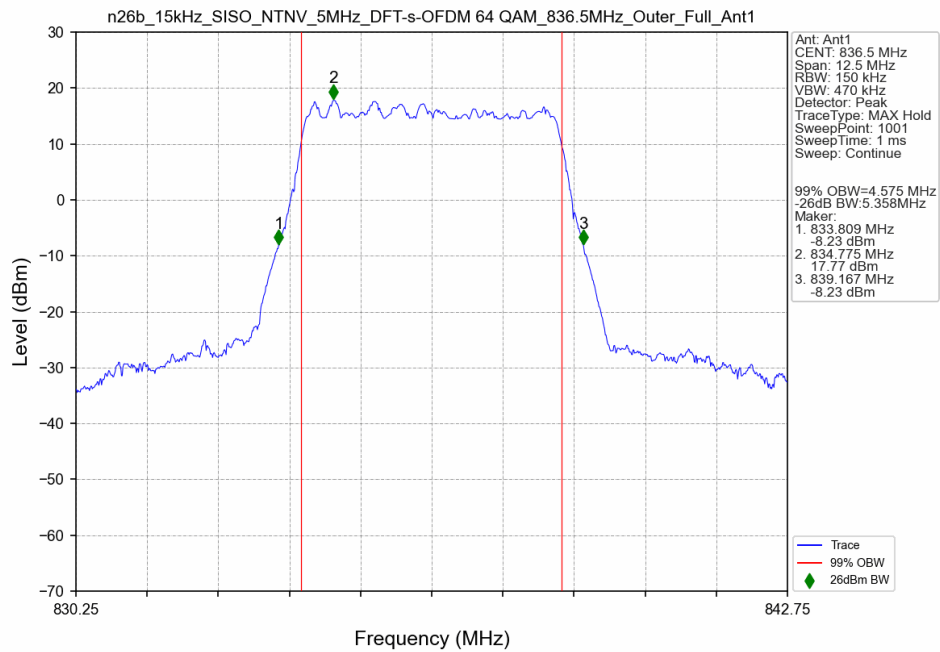
n26b 15kHz SISO NTN 5MHz DFT-s-OFDM 16 QAM 846.5MHz Outer Full Ant1



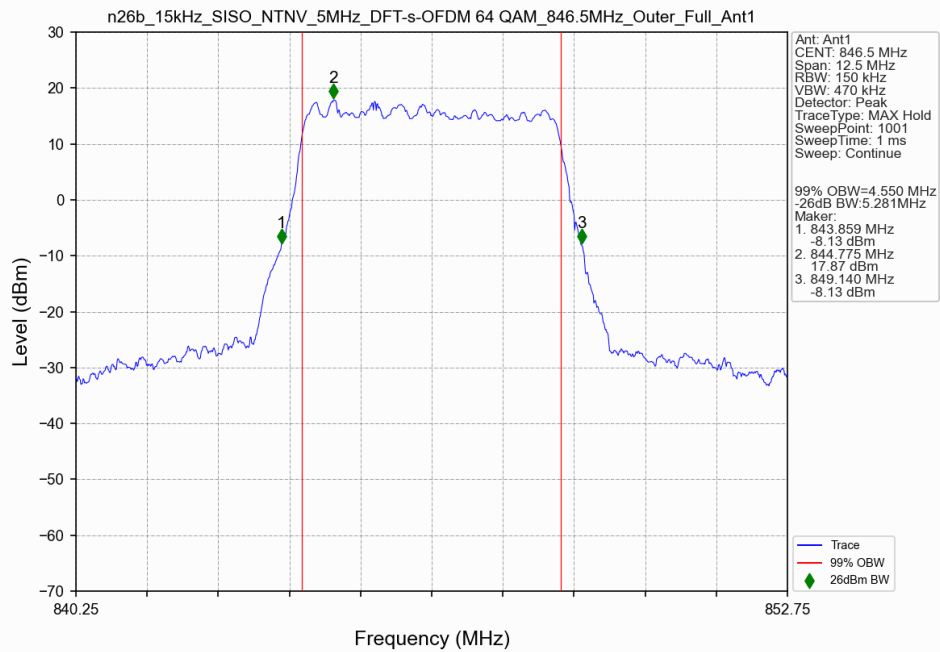
n26b 15kHz SISO NTN 5MHz DFT-s-OFDM 64 QAM 826.5MHz Outer Full Ant1



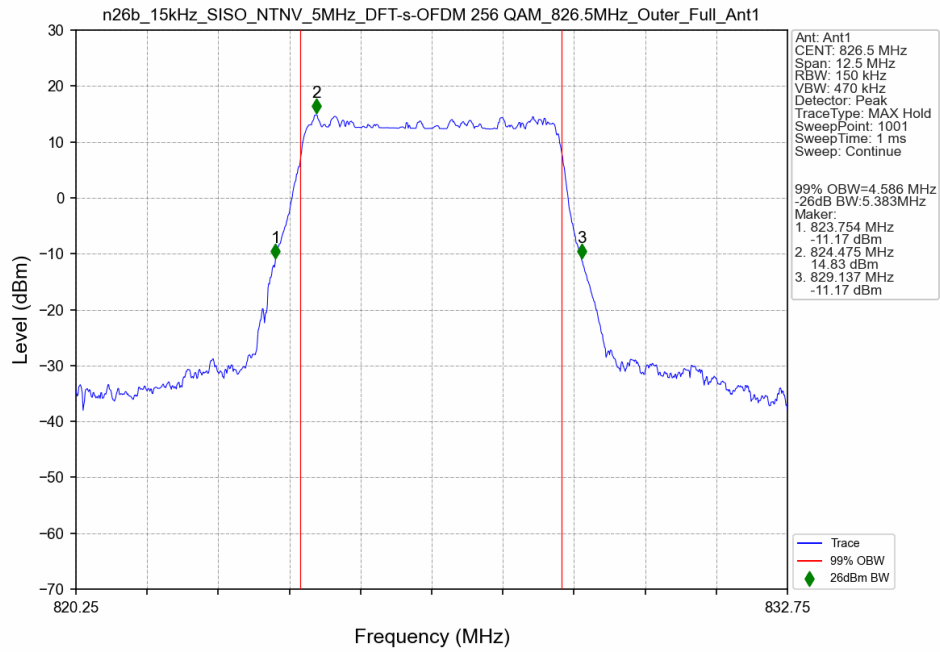
n26b 15kHz SISO NTN 5MHz DFT-s-OFDM 64 QAM 836.5MHz Outer Full Ant1



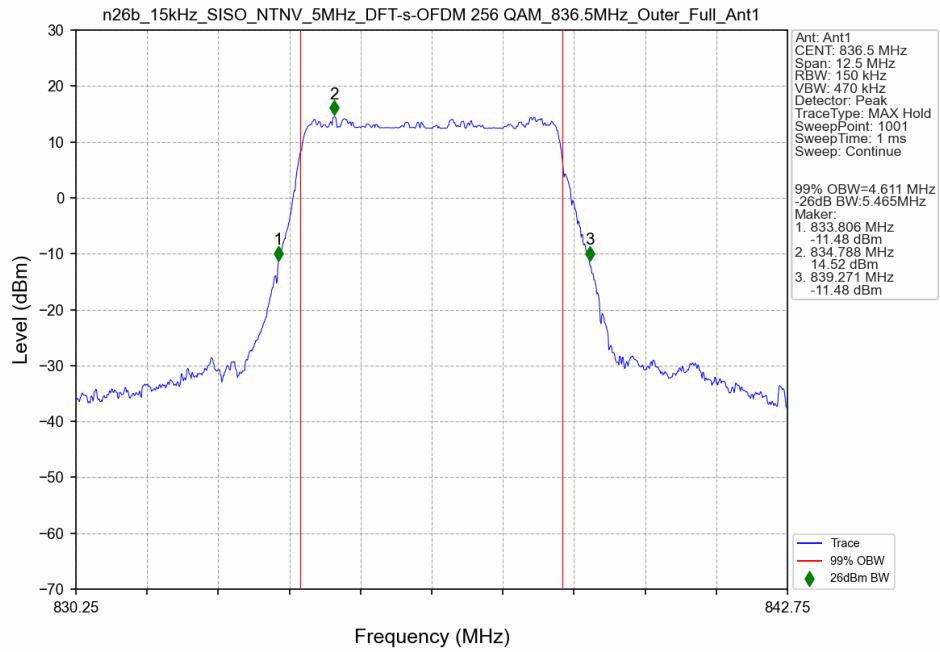
n26b 15kHz SISO NTN 5MHz DFT-s-OFDM 64 QAM 846.5MHz Outer Full Ant1



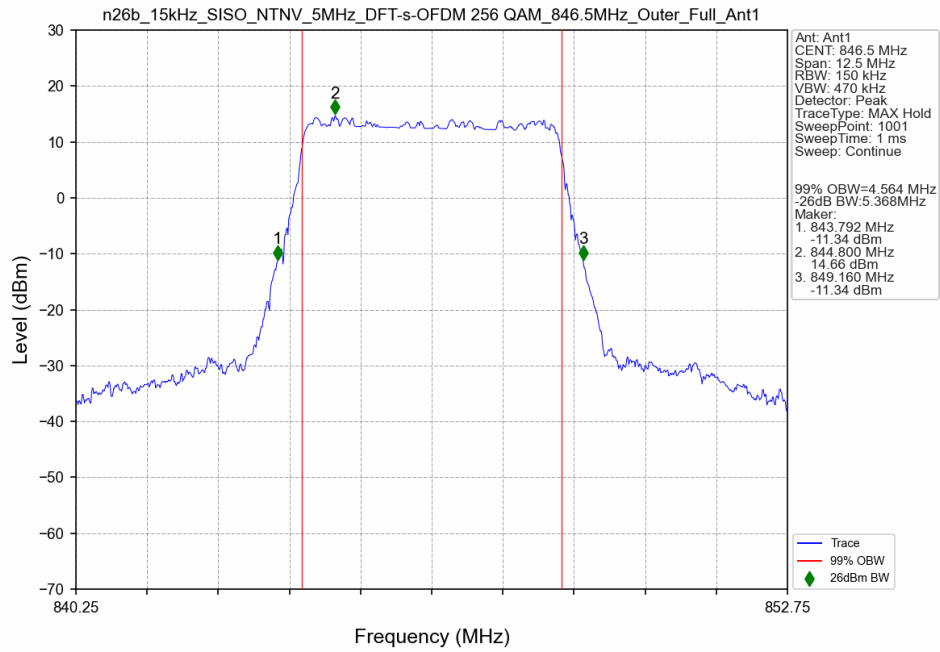
n26b 15kHz SISO NTN 5MHz DFT-s-OFDM 256 QAM 826.5MHz Outer Full Ant1



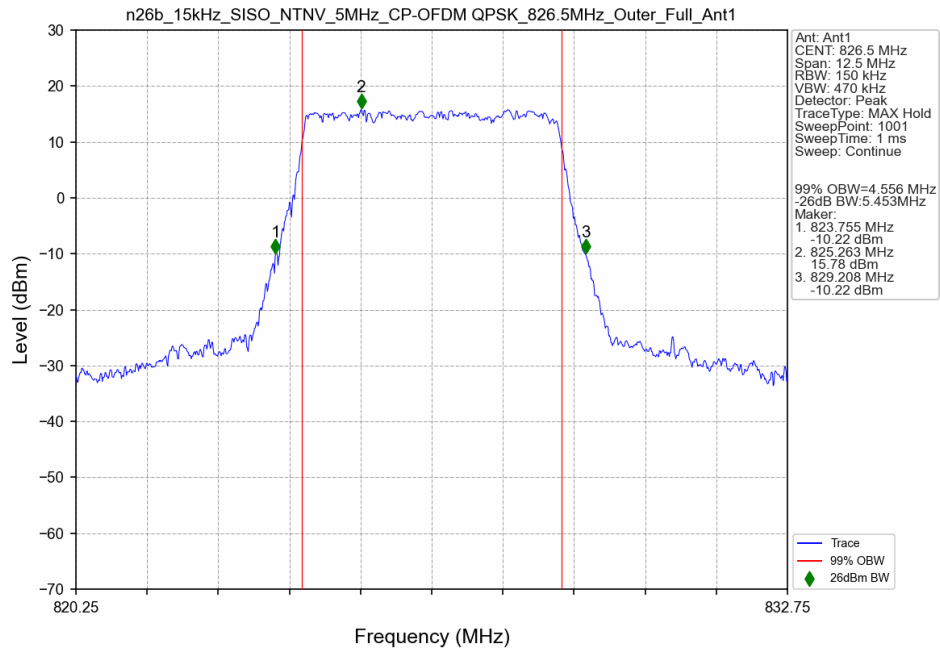
n26b 15kHz SISO NTN 5MHz DFT-s-OFDM 256 QAM 836.5MHz Outer Full Ant1



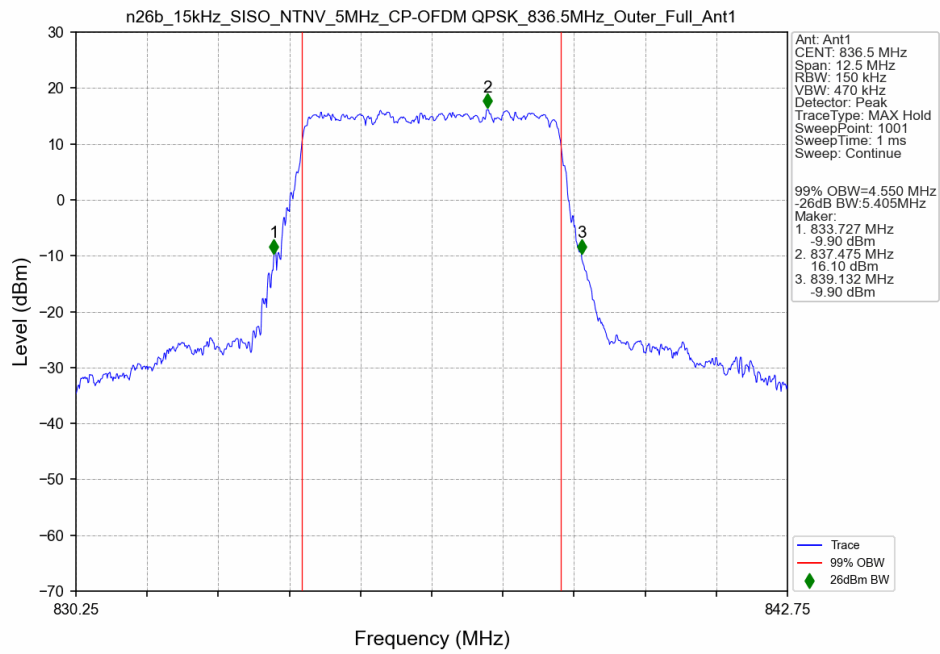
n26b 15kHz SISO NTN 5MHz DFT-s-OFDM 256 QAM 846.5MHz Outer Full Ant1



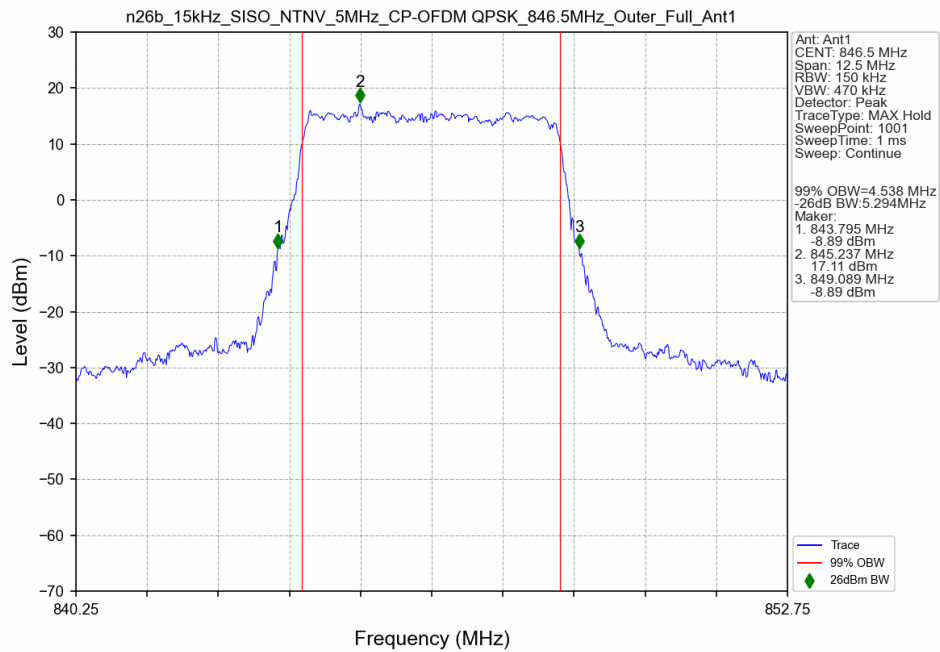
n26b 15kHz SISO NTN 5MHz CP-OFDM QPSK 826.5MHz Outer Full Ant1



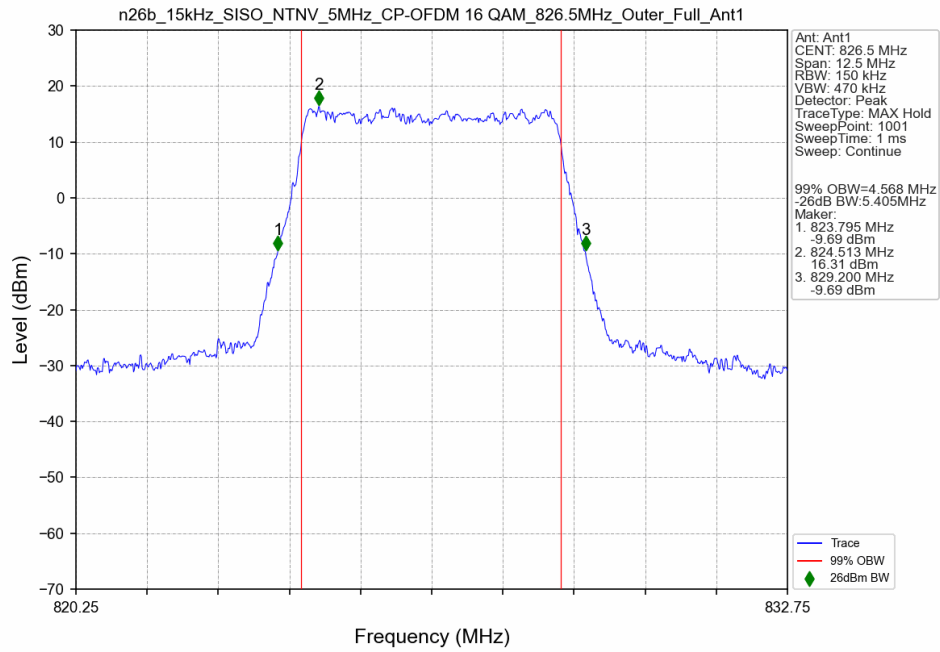
n26b 15kHz SISO NTN 5MHz CP-OFDM QPSK 836.5MHz Outer Full Ant1



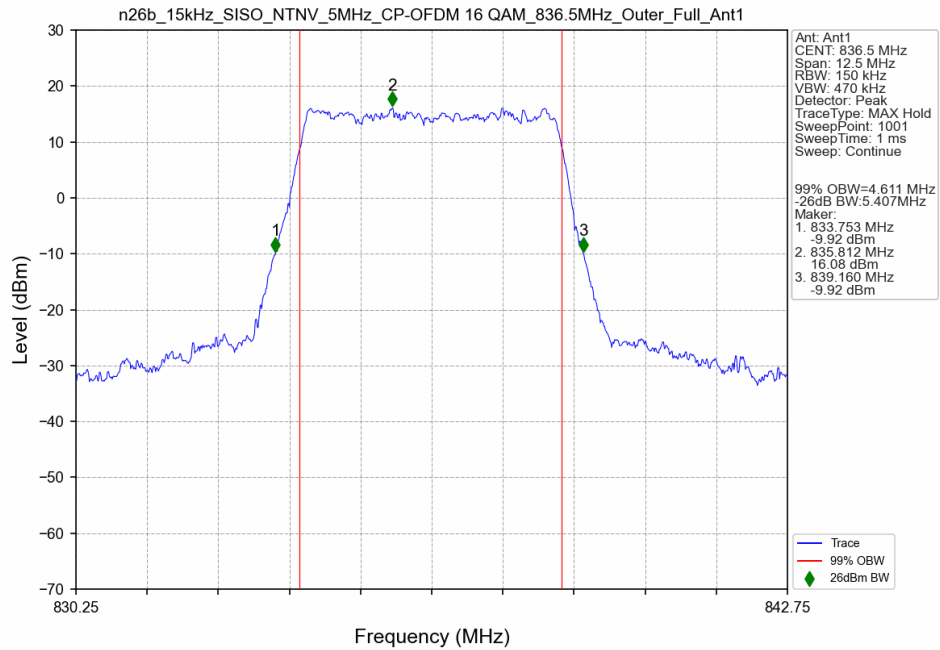
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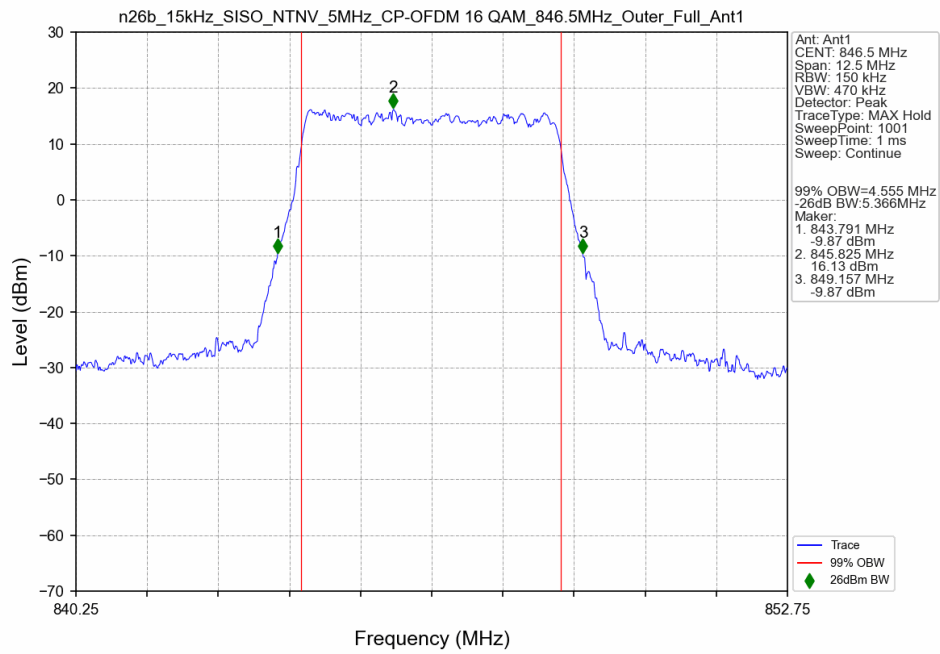
n26b 15kHz SISO NTN 5MHz CP-OFDM 16 QAM 826.5MHz Outer Full Ant1



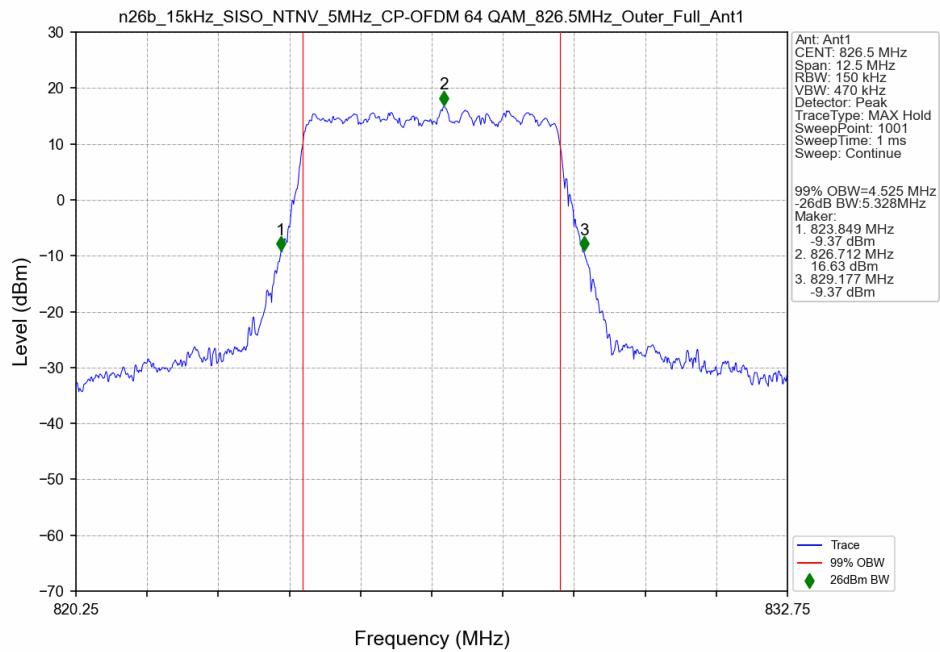
n26b 15kHz SISO NTN 5MHz CP-OFDM 16 QAM 836.5MHz Outer Full Ant1



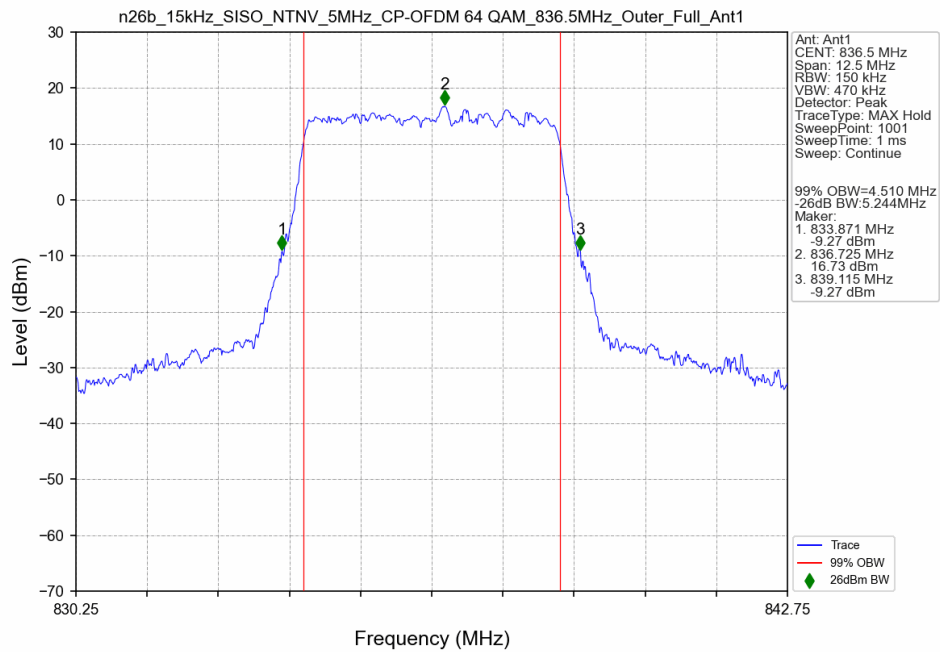
n26b 15kHz SISO NTN 5MHz CP-OFDM 16 QAM 846.5MHz Outer Full Ant1



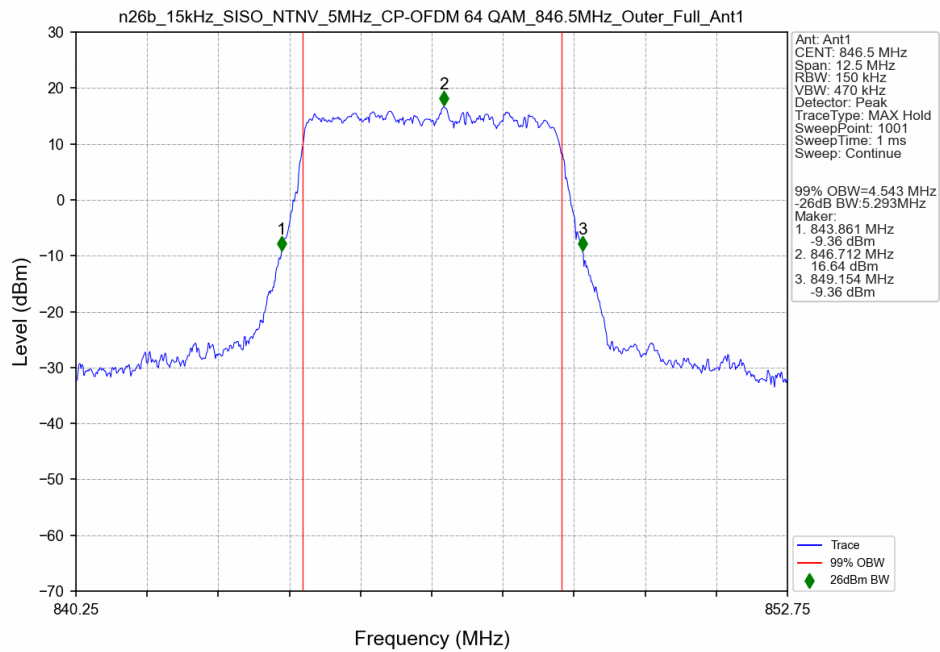
n26b 15kHz SISO NTN 5MHz CP-OFDM 64 QAM 826.5MHz Outer Full Ant1



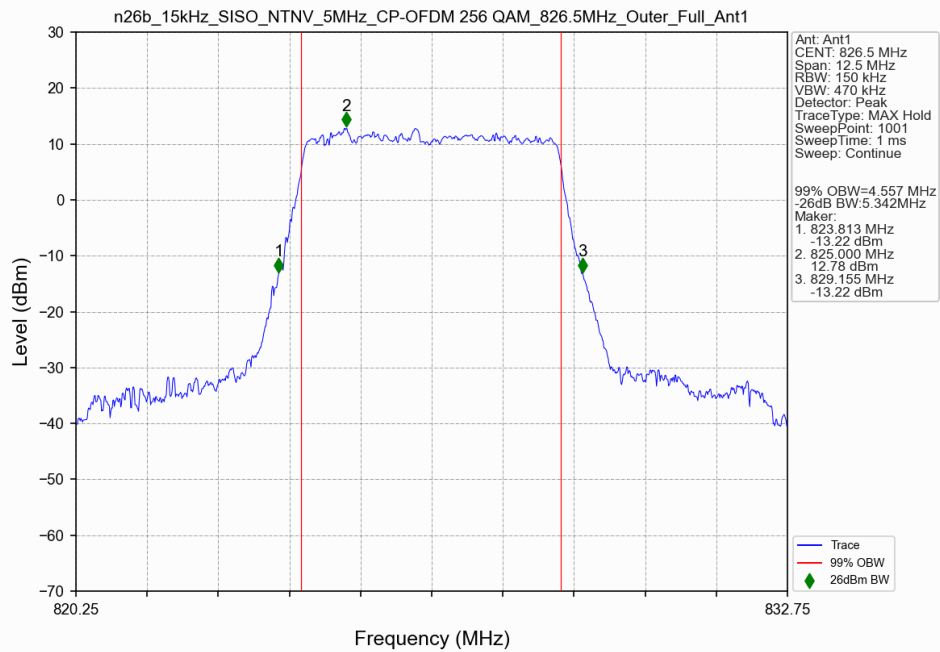
n26b 15kHz SISO NTN 5MHz CP-OFDM 64 QAM 836.5MHz Outer Full Ant1



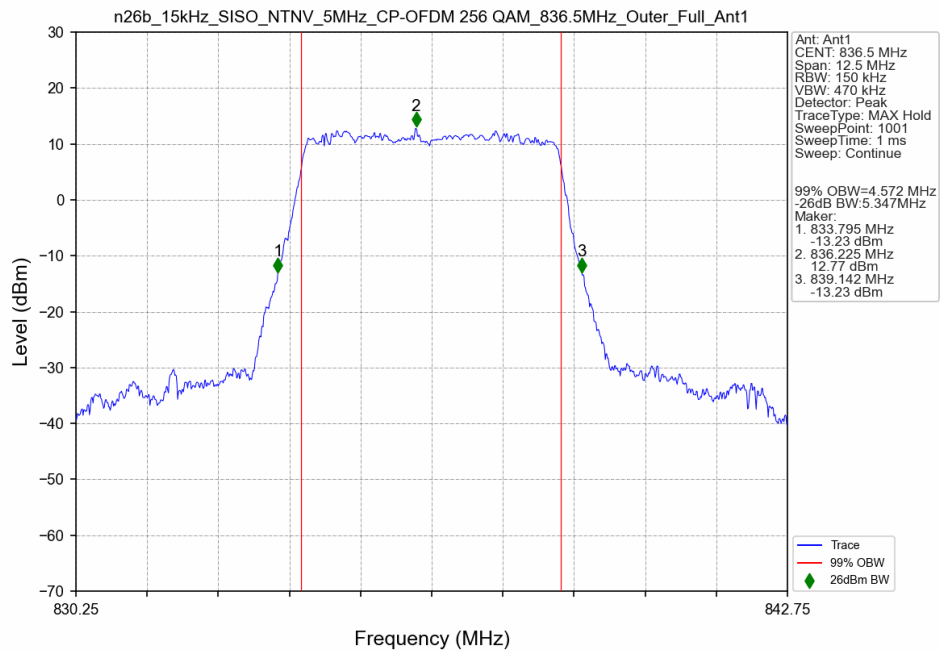
n26b 15kHz SISO NTN 5MHz CP-OFDM 64 QAM 846.5MHz Outer Full Ant1



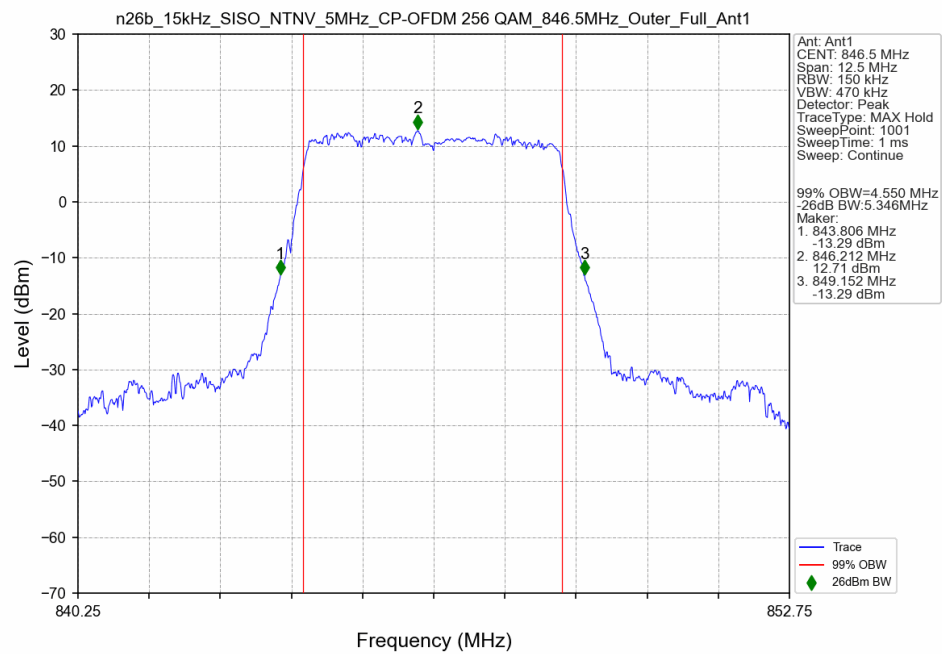
n26b 15kHz SISO NTN 5MHz CP-OFDM 256 QAM 826.5MHz Outer Full Ant1



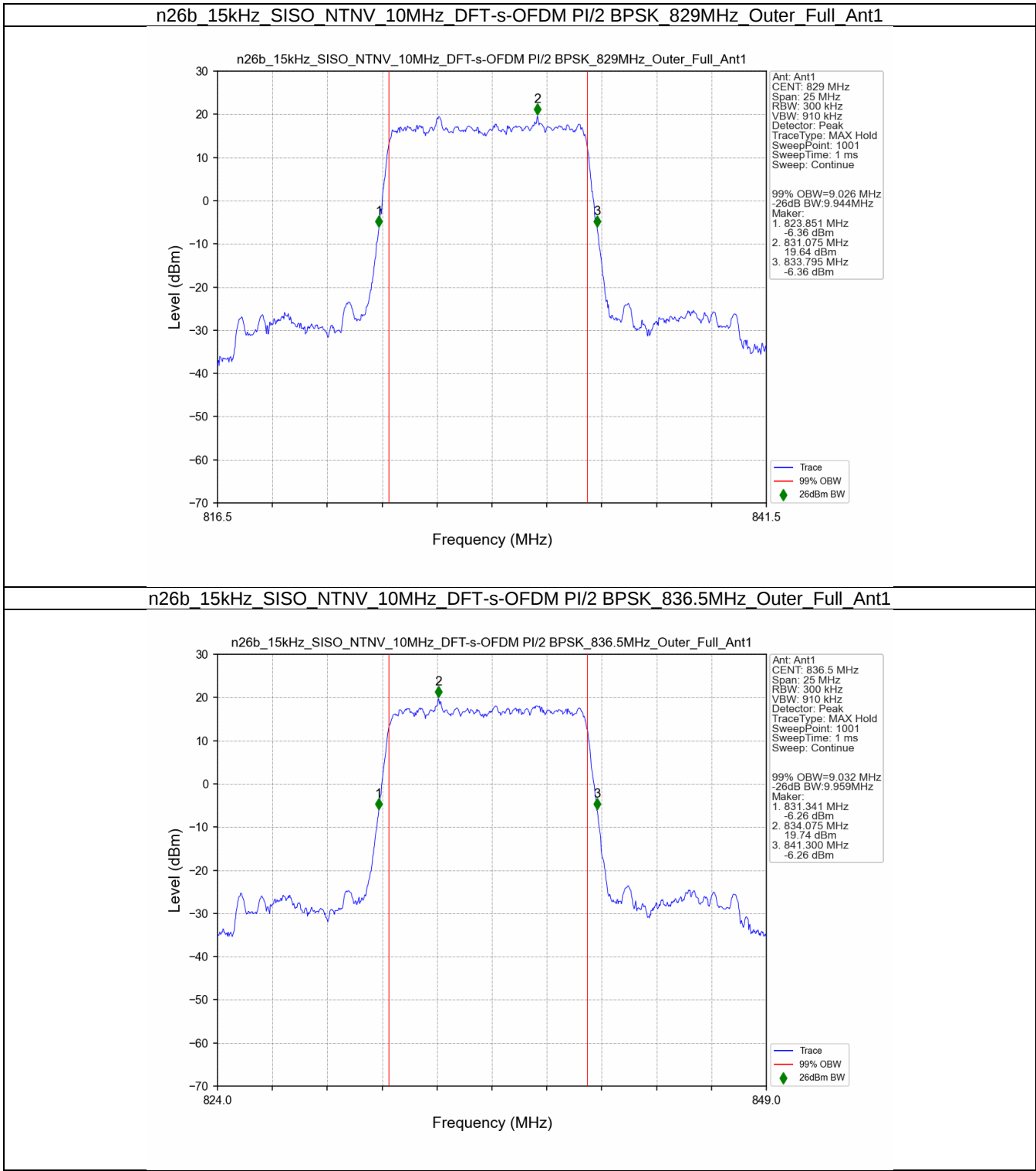
n26b 15kHz SISO NTN 5MHz CP-OFDM 256 QAM 836.5MHz Outer Full Ant1



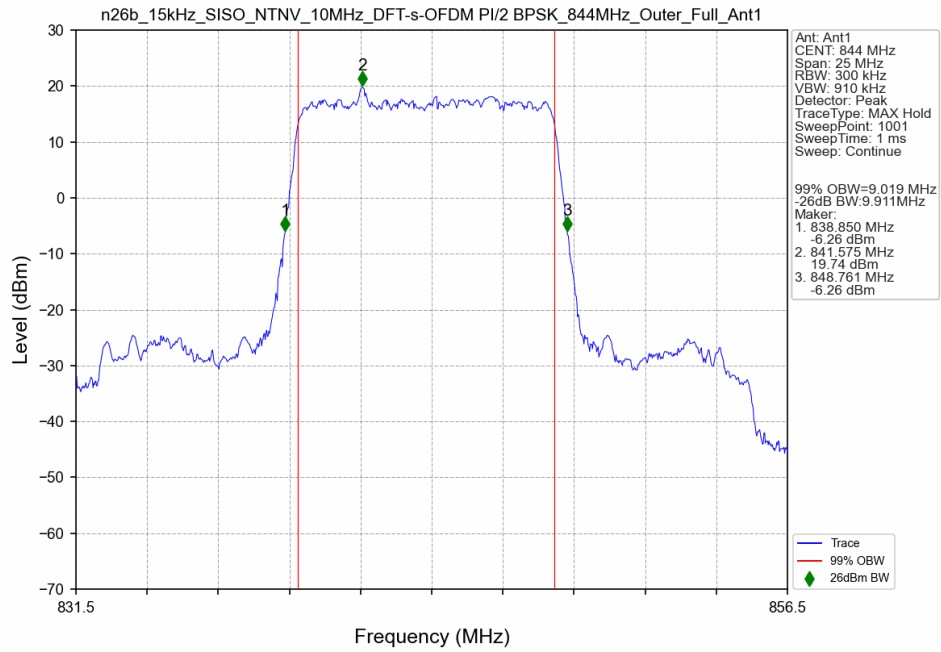
n26b 15kHz SISO NTN 5MHz CP-OFDM 256 QAM 846.5MHz Outer Full Ant1



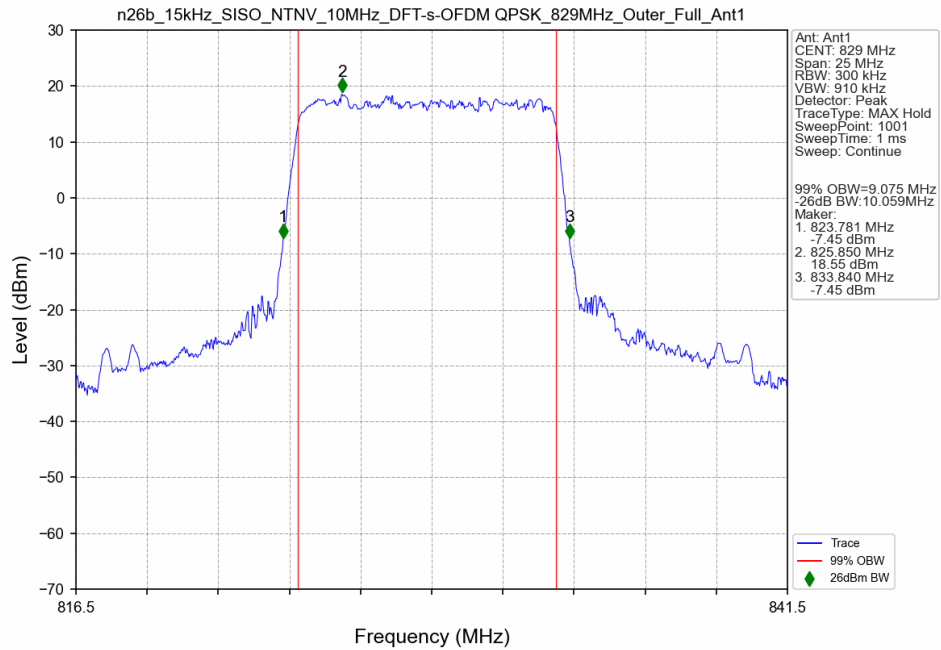
3.2.2 15k_SISO_10MHz_NTNV



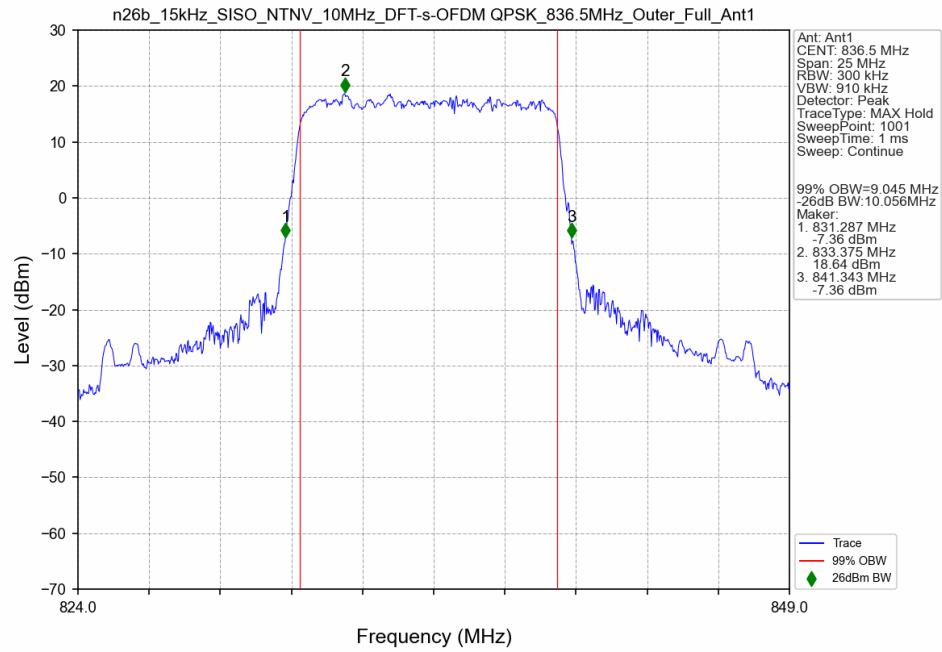
n26b 15kHz SISO NTN 10MHz DFT-s-OFDM PI/2 BPSK 844MHz Outer Full Ant1



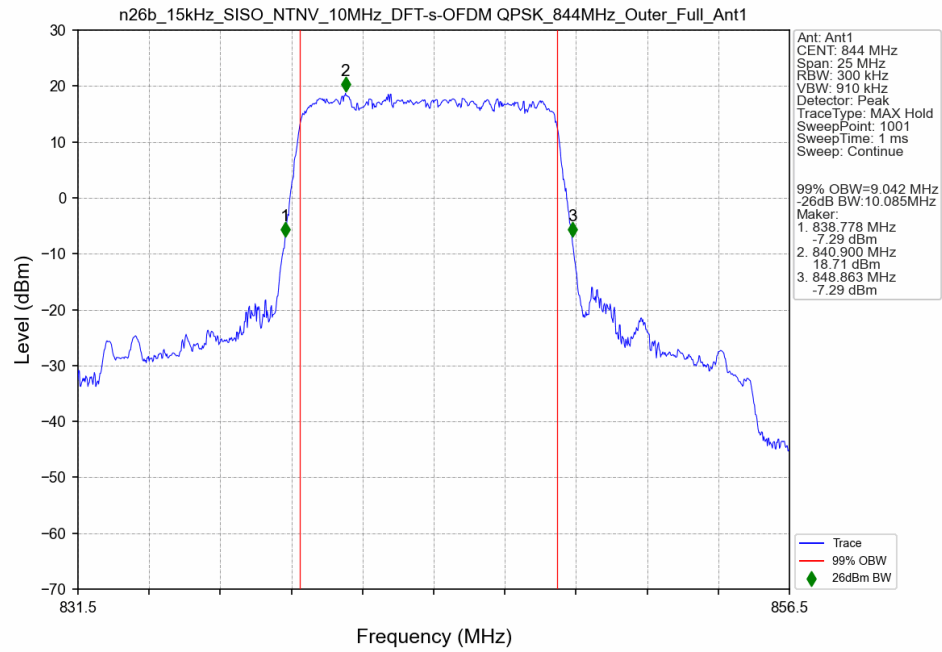
n26b 15kHz SISO NTN 10MHz DFT-s-OFDM QPSK 829MHz Outer Full Ant1



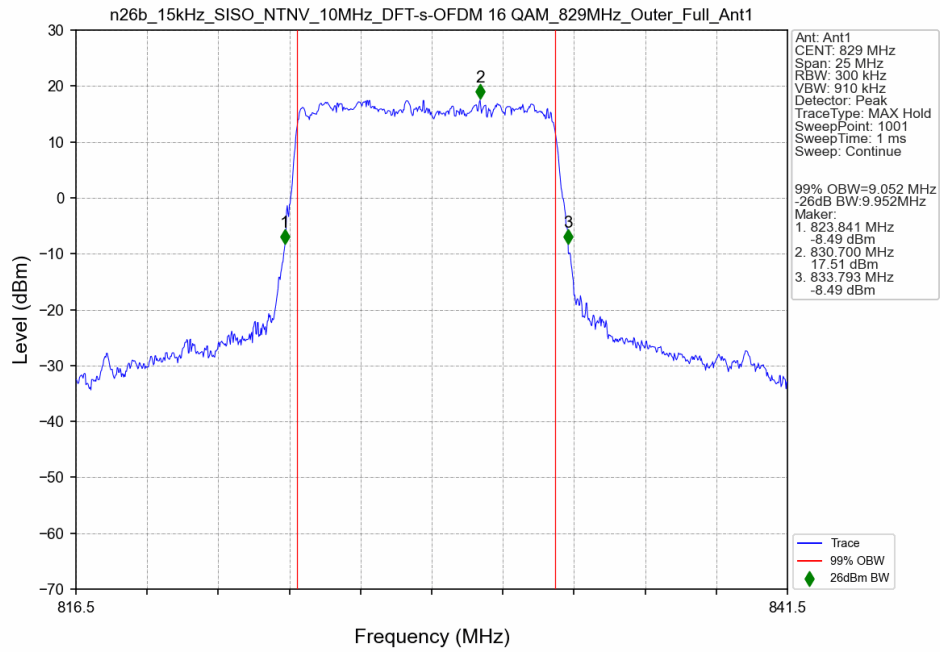
n26b 15kHz SISO NTN 10MHz DFT-s-OFDM QPSK 836.5MHz Outer Full Ant1



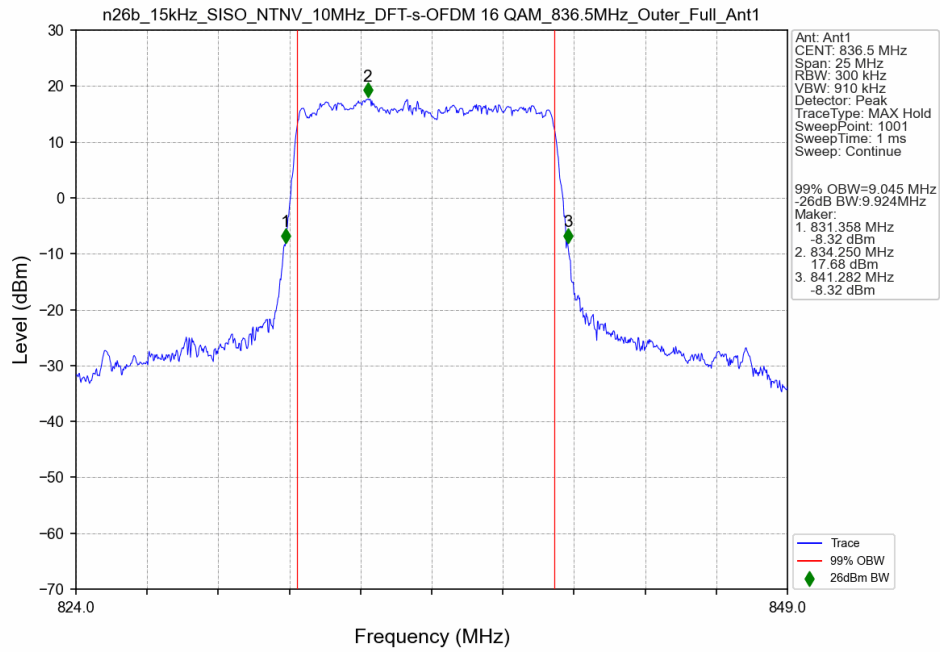
n26b 15kHz SISO NTN 10MHz DFT-s-OFDM QPSK 844MHz Outer Full Ant1



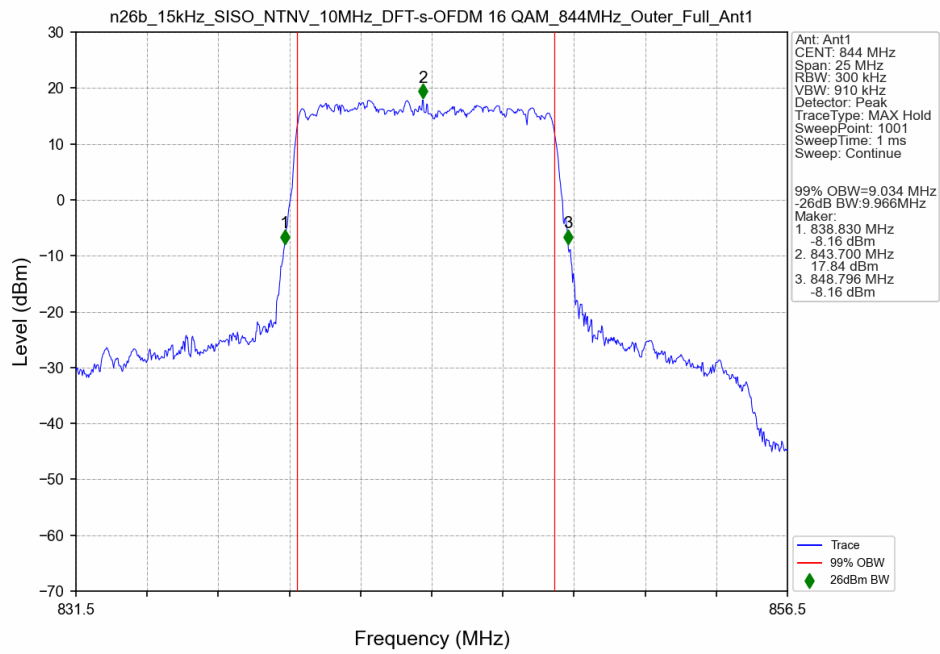
n26b_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_16_QAM_829MHz_Outer_Full_Ant1



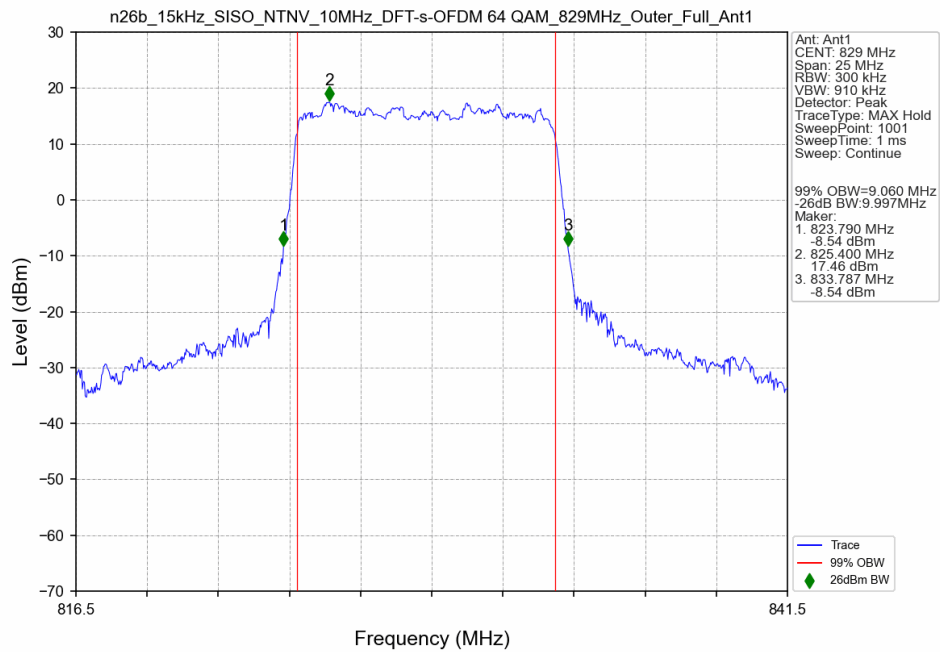
n26b_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_16_QAM_836.5MHz_Outer_Full_Ant1



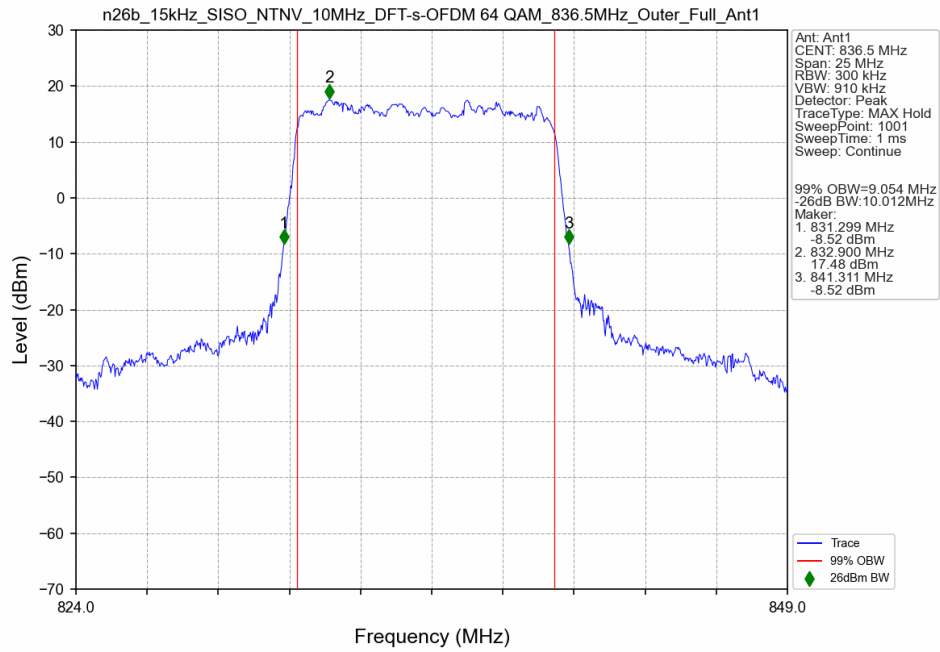
n26b 15kHz SISO NTN 10MHz DFT-s-OFDM 16 QAM 844MHz Outer Full Ant1



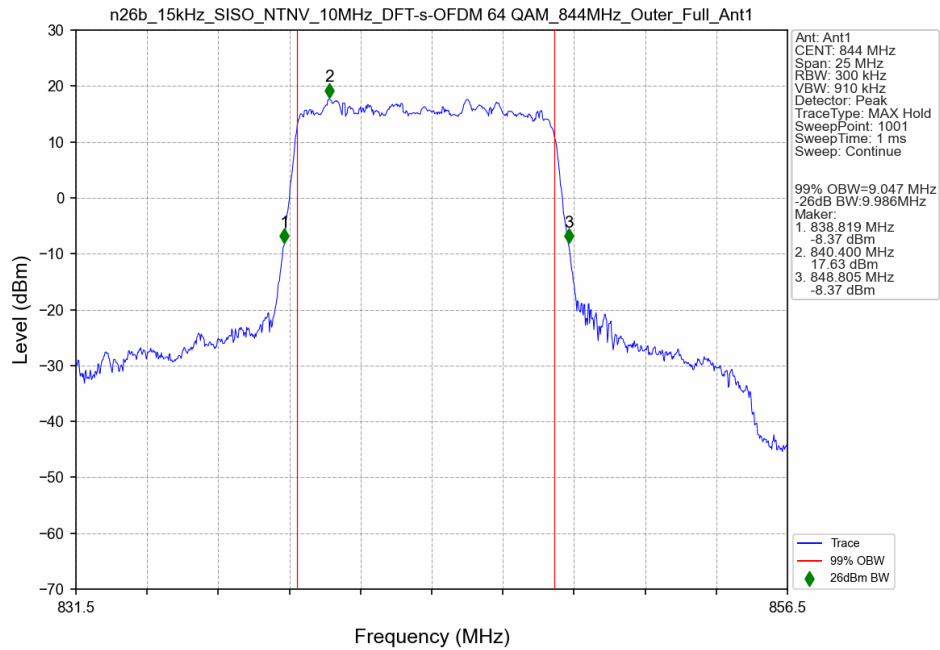
n26b 15kHz SISO NTN 10MHz DFT-s-OFDM 64 QAM 829MHz Outer Full Ant1



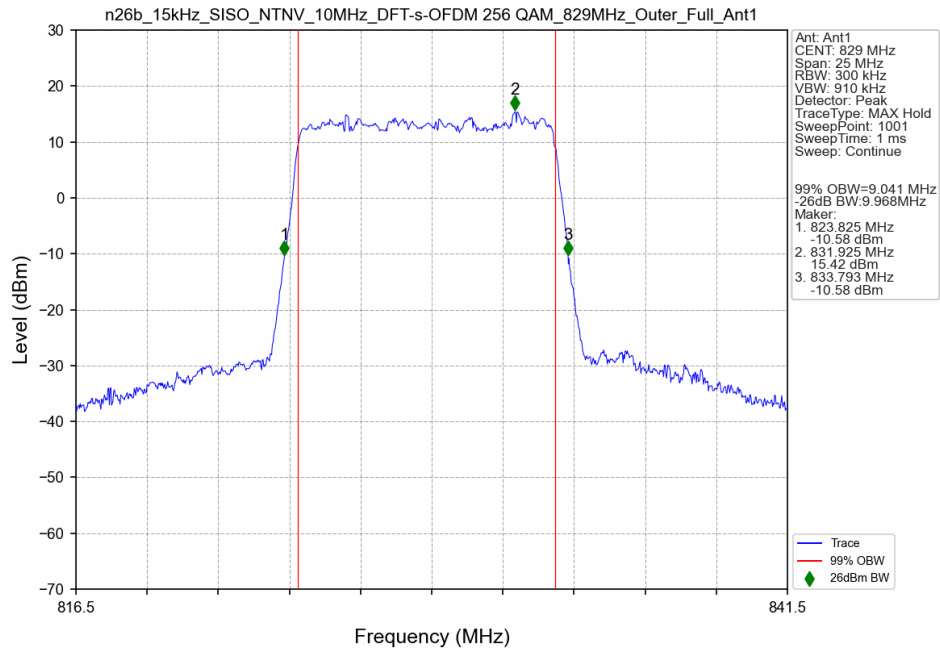
n26b 15kHz SISO NTN 10MHz DFT-s-OFDM 64 QAM 836.5MHz Outer Full Ant1



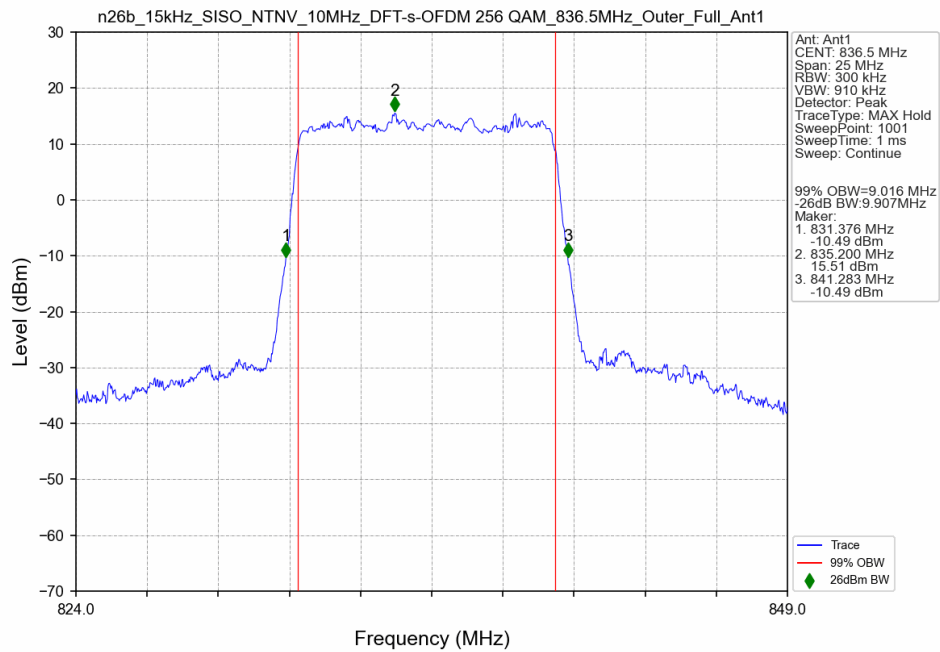
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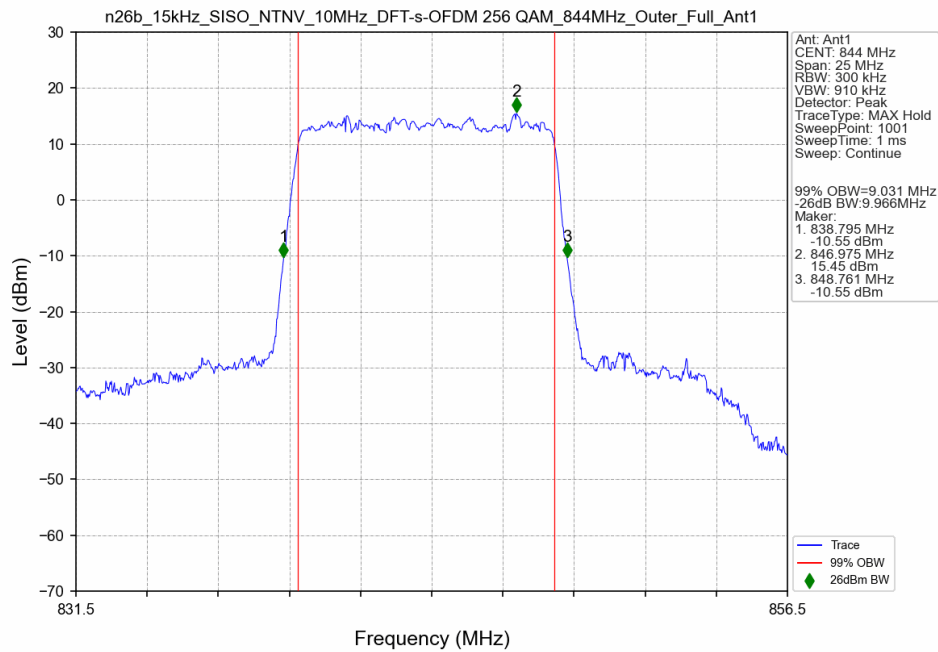
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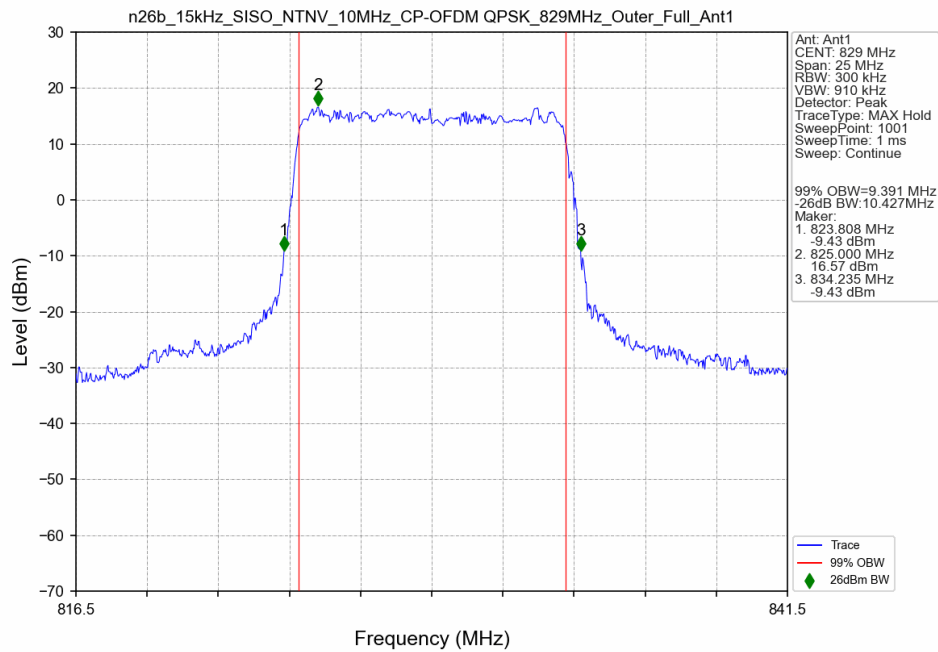
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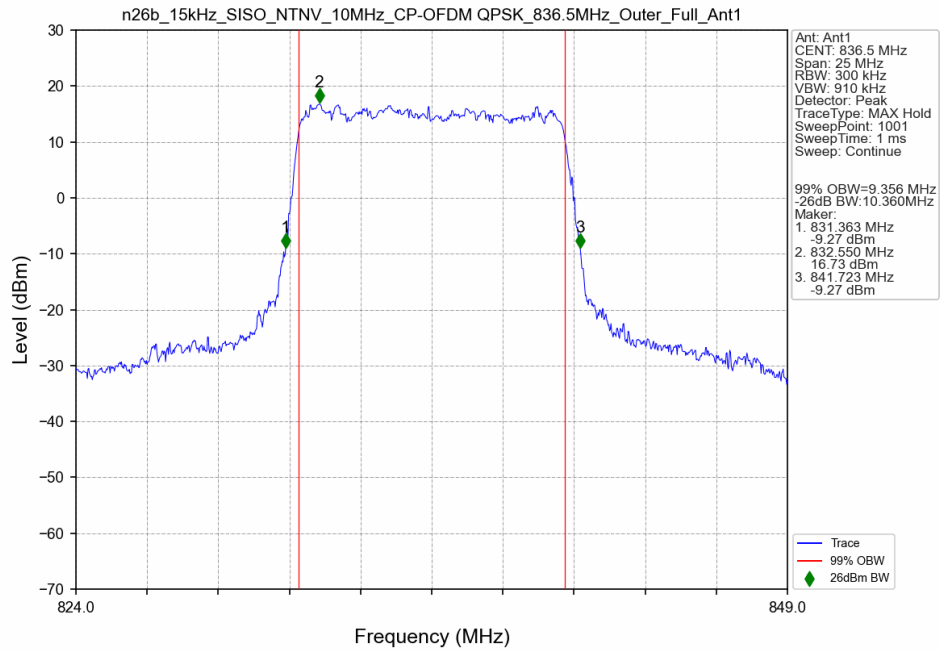
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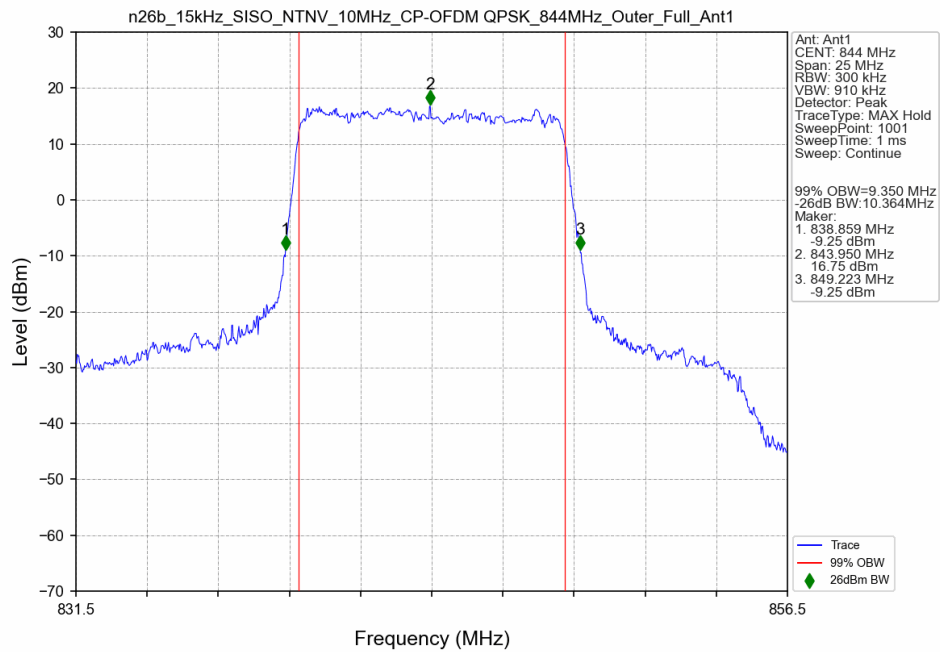
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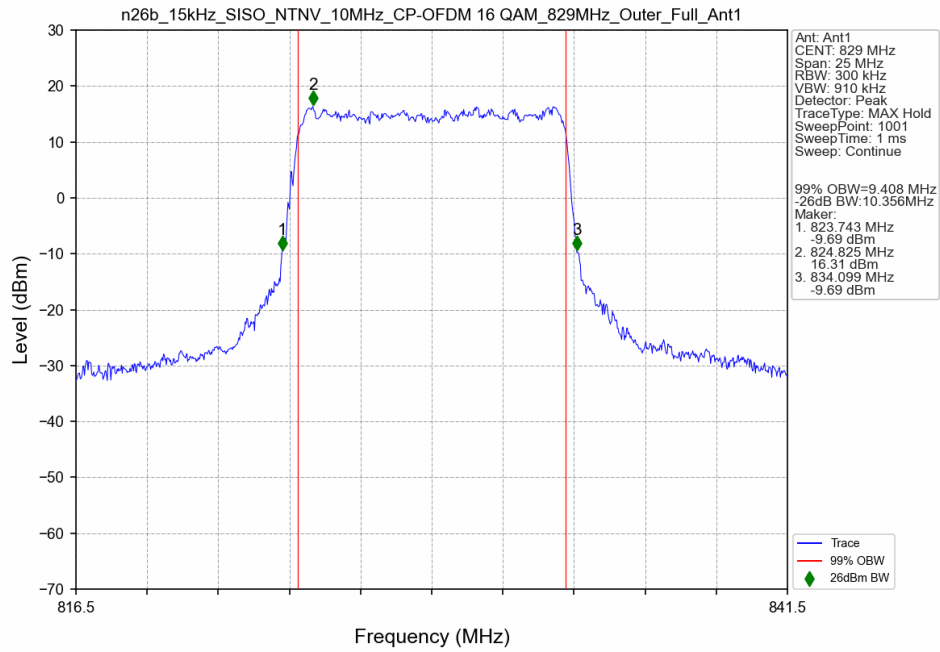
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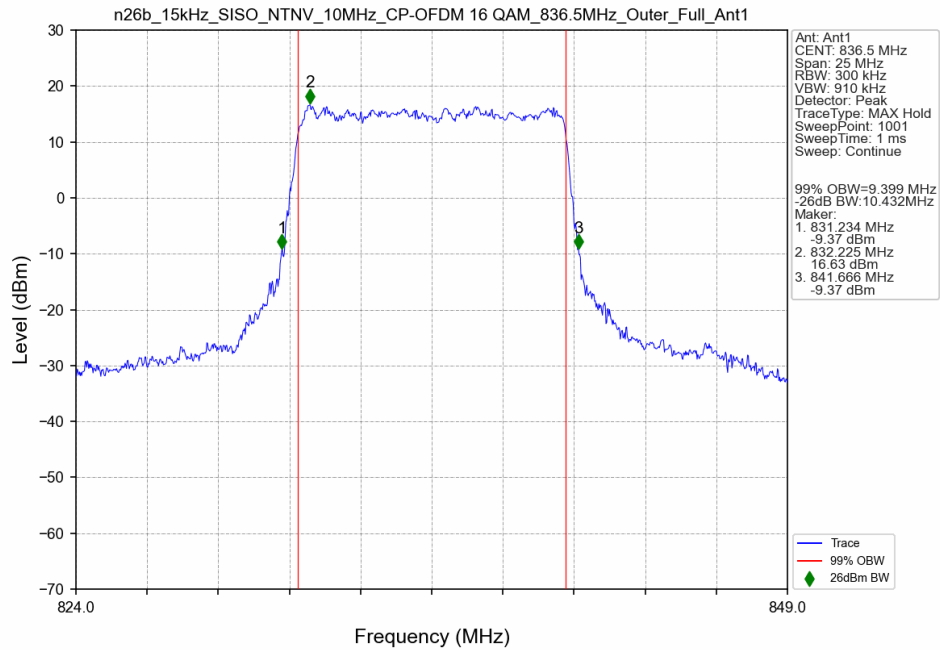
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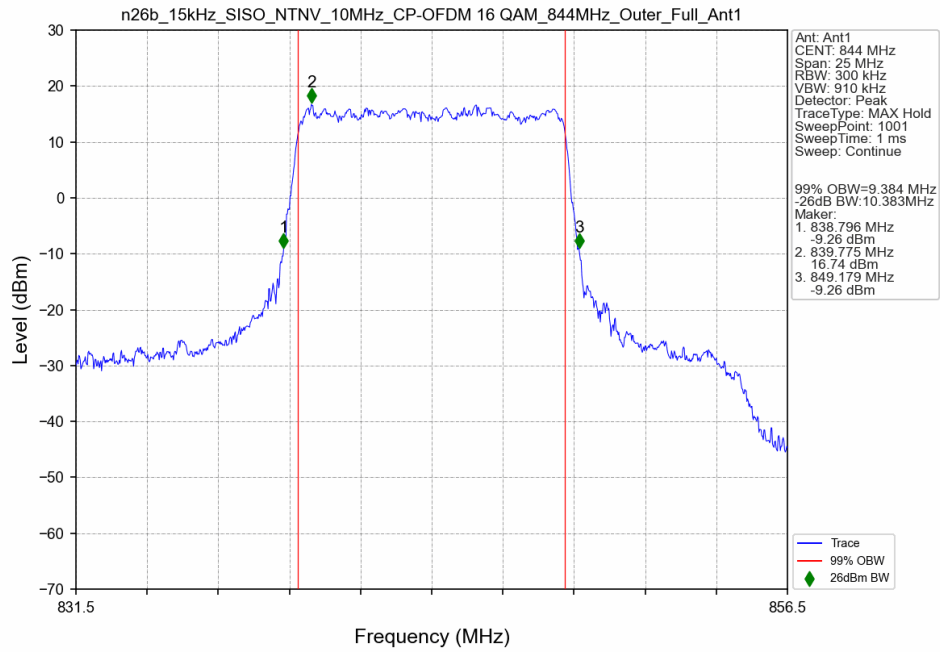
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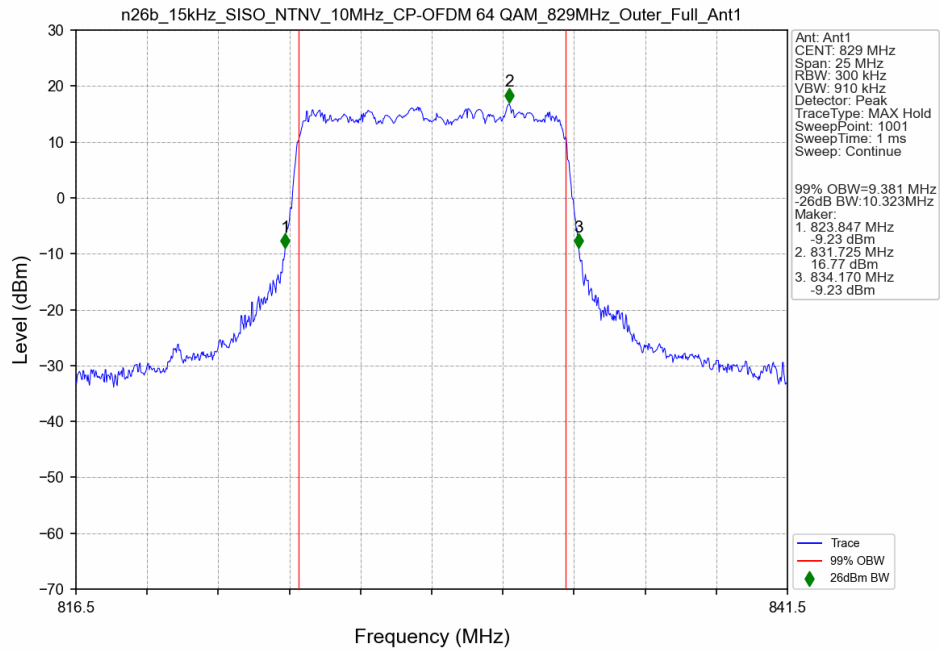
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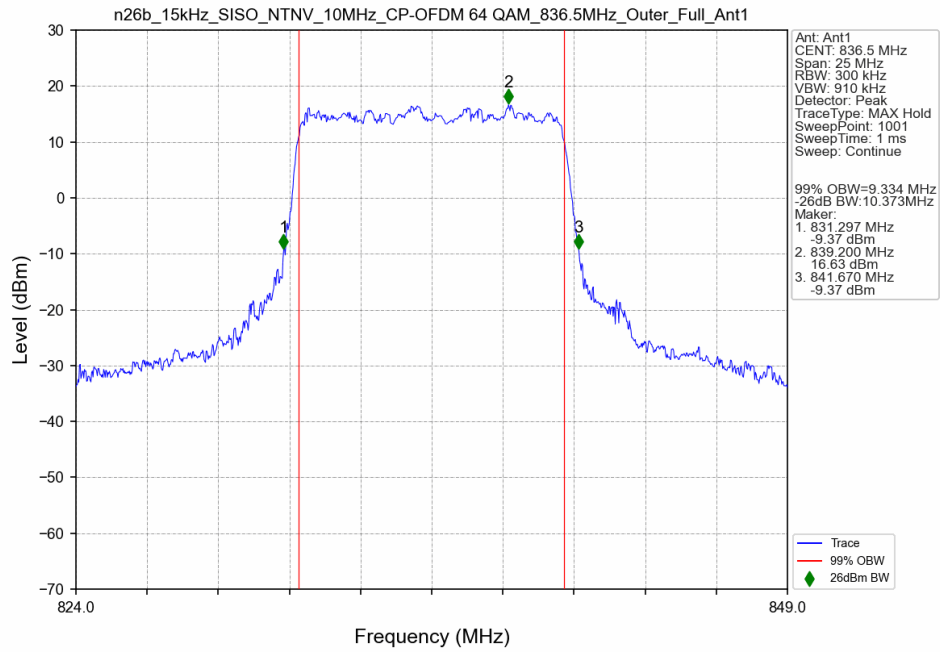
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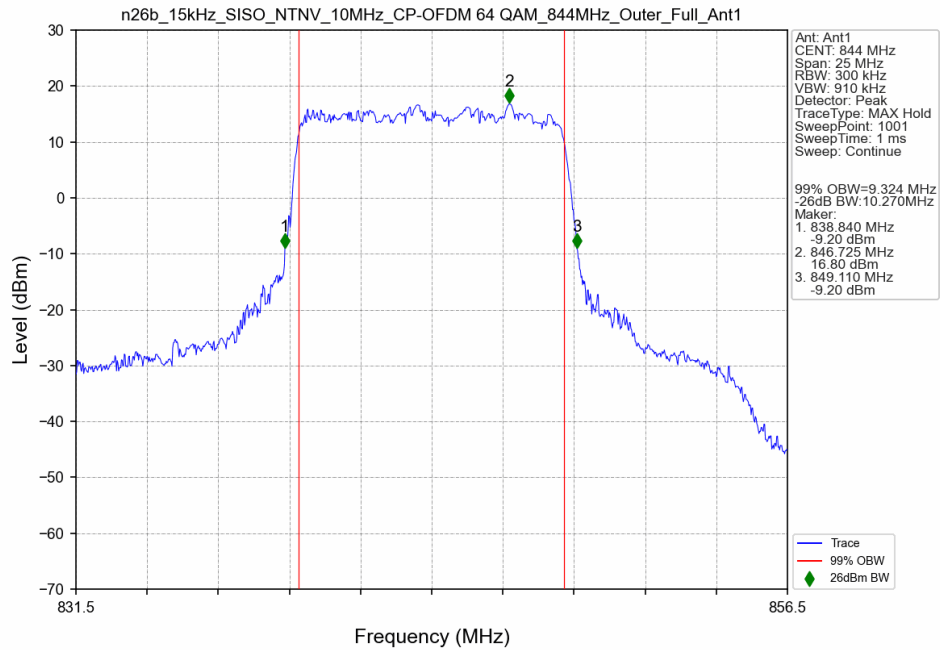
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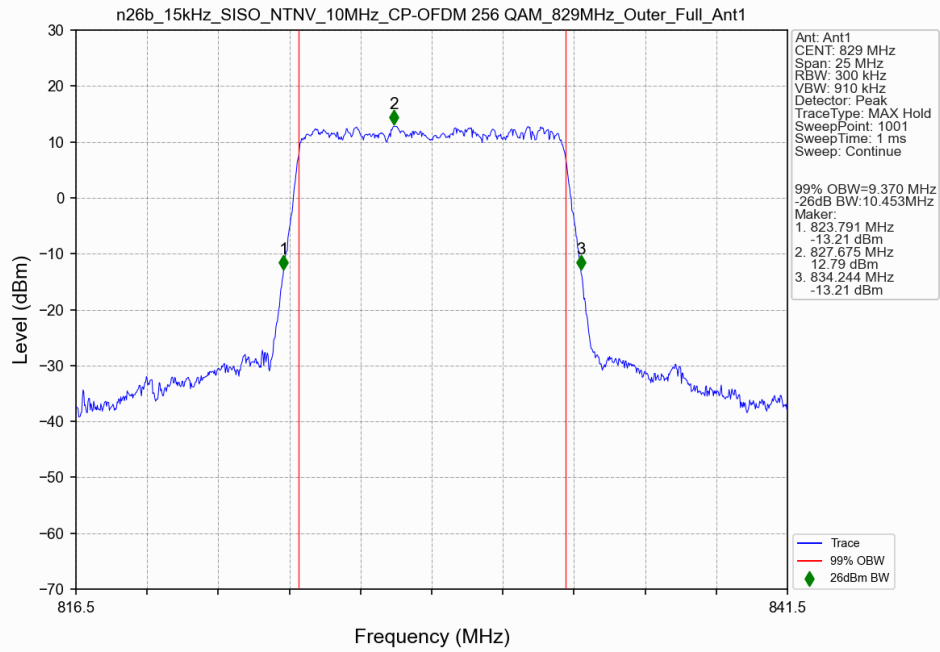
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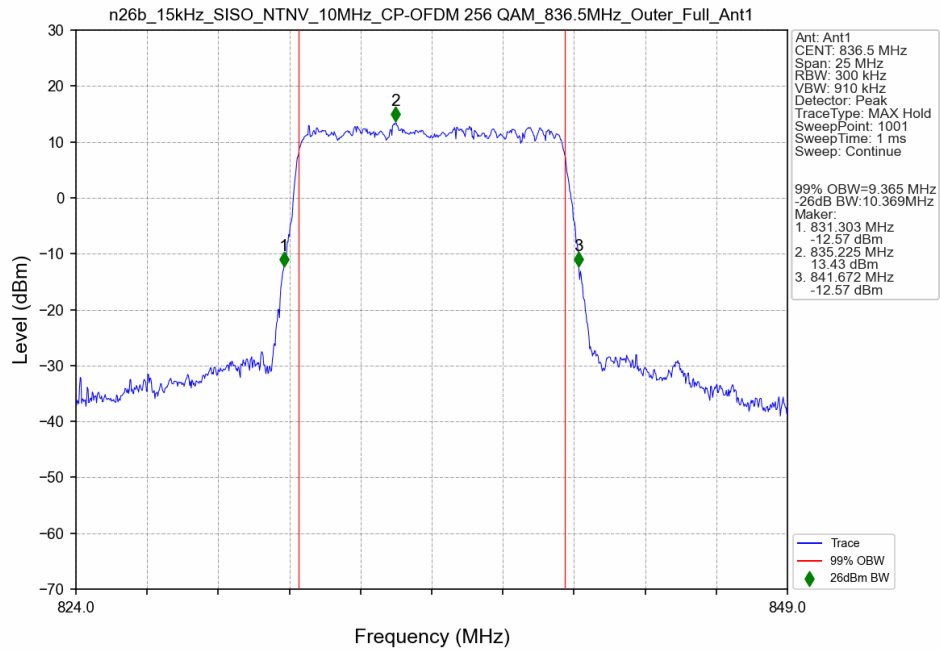
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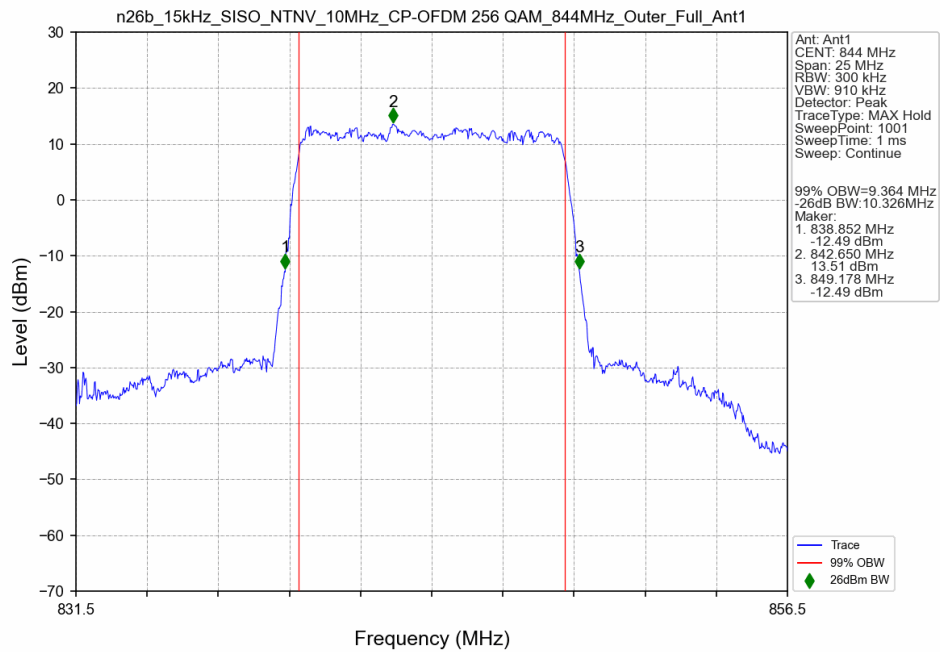
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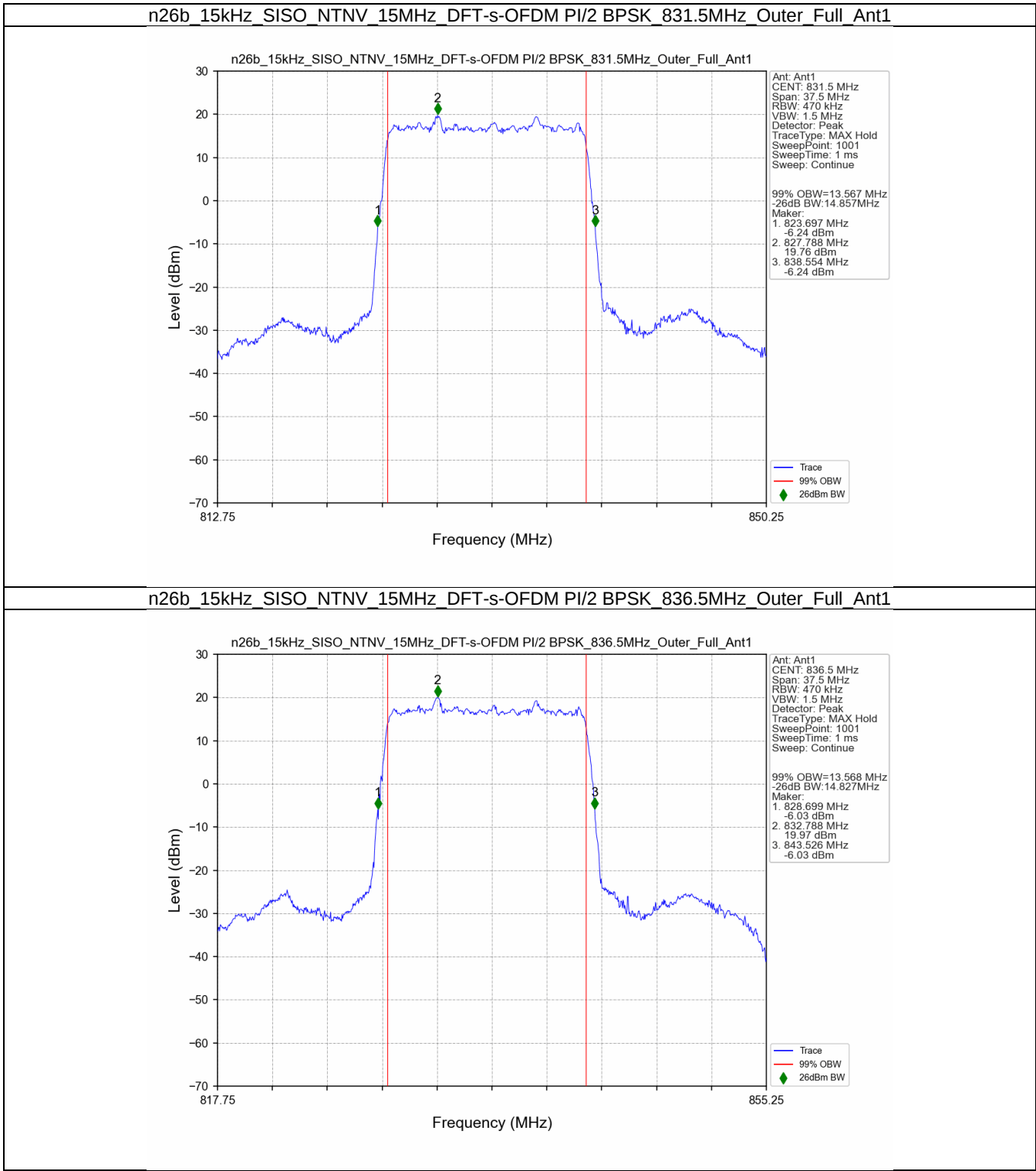
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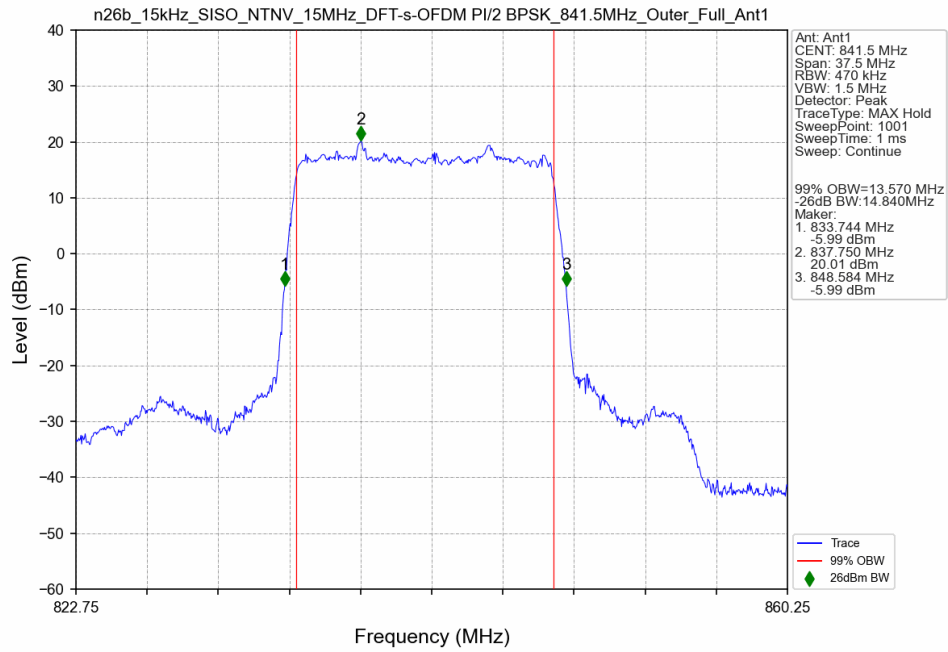
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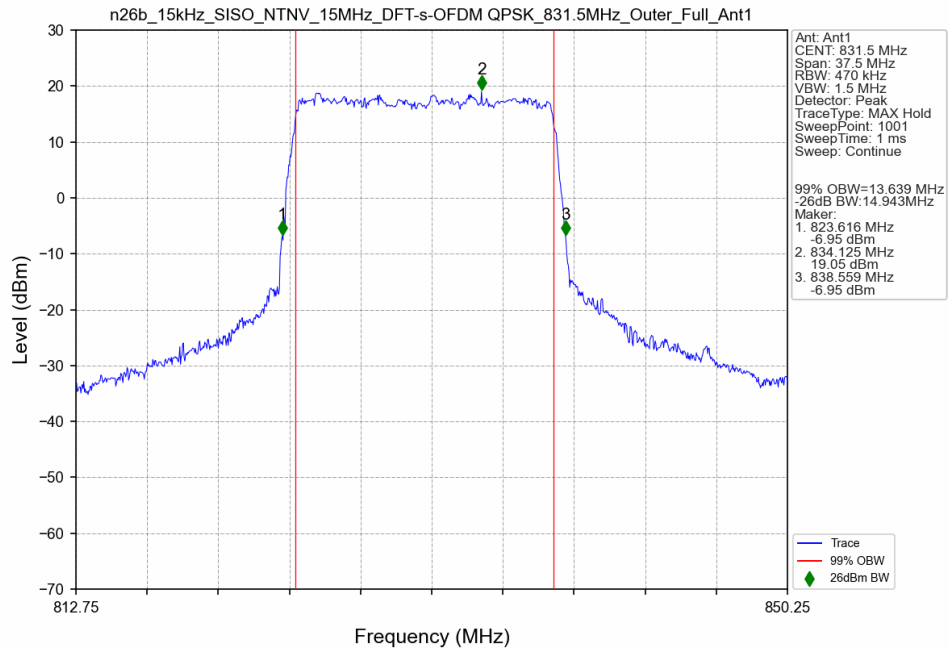
3.2.3 15k_SISO_15MHz_NTNV



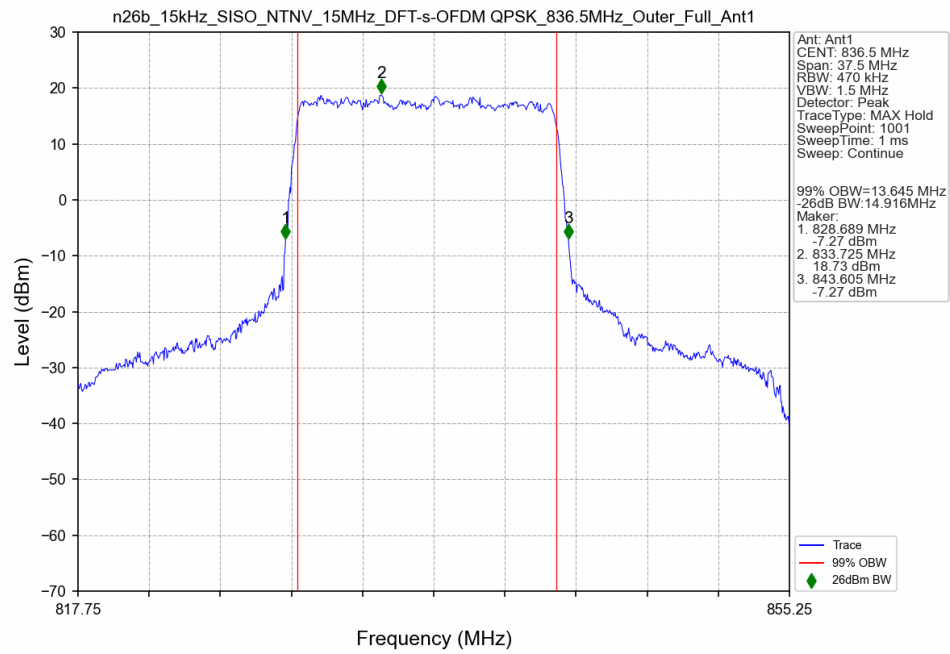
n26b 15kHz SISO NTN 15MHz DFT-s-OFDM PI/2 BPSK 841.5MHz Outer Full Ant1



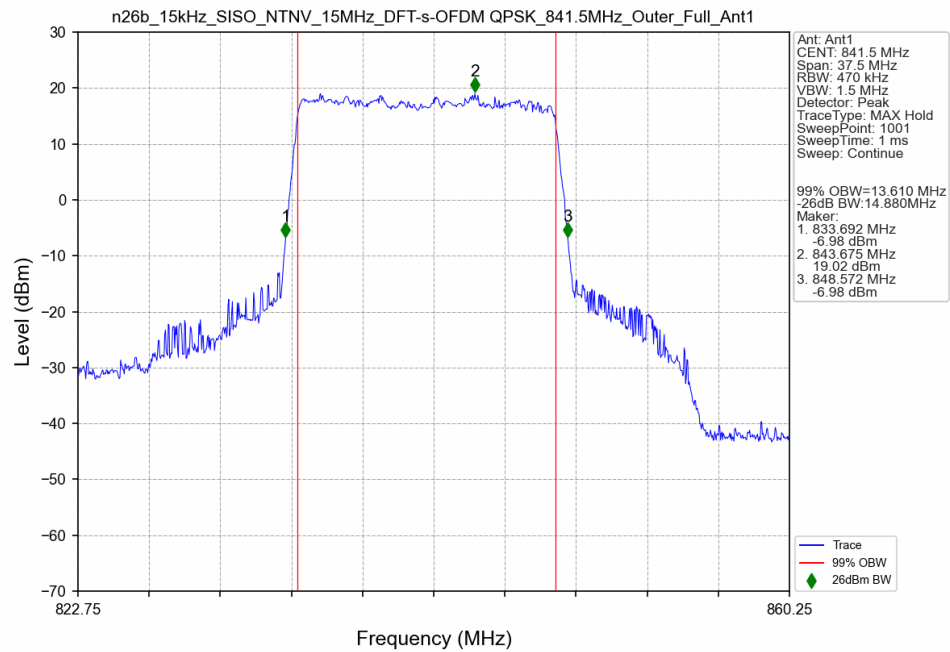
n26b 15kHz SISO NTN 15MHz DFT-s-OFDM QPSK 831.5MHz Outer Full Ant1



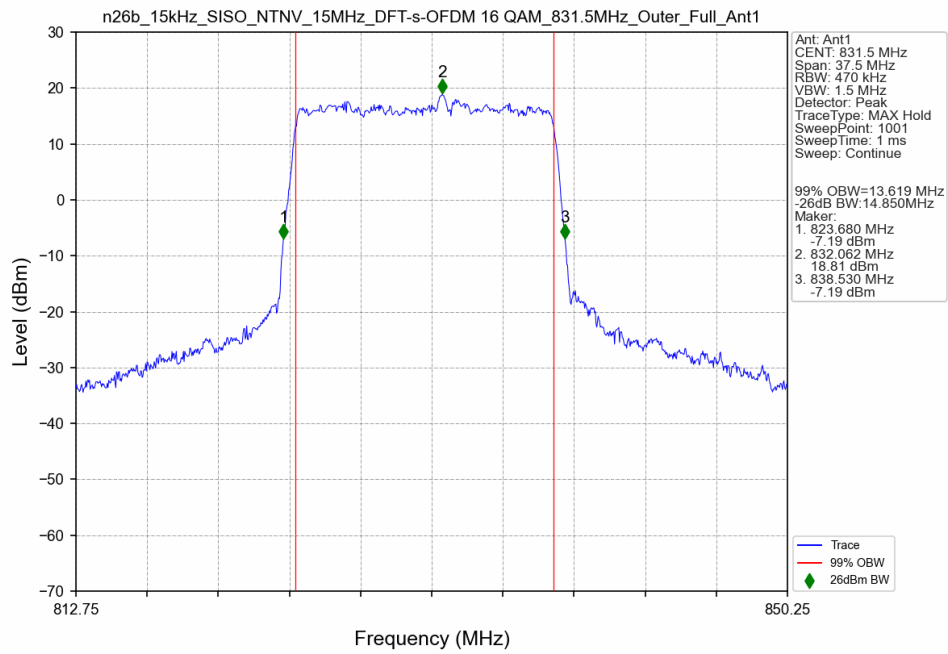
n26b 15kHz SISO NTN 15MHz DFT-s-OFDM QPSK 836.5MHz Outer Full Ant1



n26b 15kHz SISO NTN 15MHz DFT-s-OFDM QPSK 841.5MHz Outer Full Ant1



n26b 15kHz SISO NTN 15MHz DFT-s-OFDM 16 QAM 831.5MHz Outer Full Ant1



n26b 15kHz SISO NTN 15MHz DFT-s-OFDM 16 QAM 836.5MHz Outer Full Ant1

