1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 15k_SISO_5MHz_NTNV_ERP

5G NR n5 SCS=15kHz SISO 5MHz NTNV										
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	23.16	/	/	23.70	/	/	<=38.45	Pass
		Edge_1RB_Right	23.05	/	/	23.59	/	/	<=38.45	Pass
		Outer_Full	23.18	/	/	23.72	/	/	<=38.45	Pass
		Inner_Full	23.79	/	/	24.33	/	/	<=38.45	Pass
		Inner_1RB_Left	23.66	/	/	24.20	/	/	<=38.45	Pass
		Inner_1RB_Right	23.58	/	/	24.12	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	23.08	/	/	23.62	/	/	<=38.45	Pass
		Edge_1RB_Right	23.10	/	/	23.64	/	/	<=38.45	Pass
		Outer_Full	23.16	/	/	23.70	/	/	<=38.45	Pass
		Inner_Full	23.75	/	/	24.29	/	/	<=38.45	Pass
		Inner_1RB_Left	23.63	/	/	24.17	/	/	<=38.45	Pass
		Inner_1RB_Right	23.68	/	/	24.22	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	23.18	/	/	23.72	/	/	<=38.45	Pass
		Edge_1RB_Right	22.91	/	/	23.45	/	/	<=38.45	Pass
		Outer_Full	23.19	/	/	23.73	/	/	<=38.45	Pass
		Inner_Full	23.79	/	/	24.33	/	/	<=38.45	Pass
		Inner_1RB_Left	23.75	/	/	24.29	/	/	<=38.45	Pass
		Inner_1RB_Right	23.49	/	/	24.03	/	/	<=38.45	Pass
DFT-s-OFDM QPSK	826.5	Edge_1RB_Left	22.67	/	/	23.21	/	/	<=38.45	Pass
		Edge_1RB_Right	22.58	/	/	23.12	/	/	<=38.45	Pass
		Outer_Full	22.68	/	/	23.22	/	/	<=38.45	Pass
		Inner_Full	23.70	/	/	24.24	/	/	<=38.45	Pass
		Inner_1RB_Left	23.64	/	/	24.18	/	/	<=38.45	Pass
		Inner_1RB_Right	23.60	/	/	24.14	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	22.58	/	/	23.12	/	/	<=38.45	Pass
		Edge_1RB_Right	22.65	/	/	23.19	/	/	<=38.45	Pass
		Outer_Full	22.73	/	/	23.27	/	/	<=38.45	Pass
		Inner_Full	23.74	/	/	24.28	/	/	<=38.45	Pass
		Inner_1RB_Left	23.64	/	/	24.18	/	/	<=38.45	Pass
		Inner_1RB_Right	23.70	/	/	24.24	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	22.75	/	/	23.29	/	/	<=38.45	Pass
		Edge_1RB_Right	22.51	/	/	23.05	/	/	<=38.45	Pass
		Outer_Full	22.62	/	/	23.16	/	/	<=38.45	Pass
		Inner_Full	23.70	/	/	24.24	/	/	<=38.45	Pass
		Inner_1RB_Left	23.73	/	/	24.27	/	/	<=38.45	Pass
		Inner_1RB_Right	23.48	/	/	24.02	/	/	<=38.45	Pass
DFT-s-OFDM 16 QAM	826.5	Edge_1RB_Left	21.48	/	/	22.02	/	/	<=38.45	Pass
		Edge_1RB_Right	21.54	/	/	22.08	/	/	<=38.45	Pass
		Outer_Full	21.64	/	/	22.18	/	/	<=38.45	Pass
		Inner_Full	22.72	/	/	23.26	/	/	<=38.45	Pass
		Inner_1RB_Left	22.67	/	/	23.21	/	/	<=38.45	Pass
		Inner_1RB_Right	22.50	/	/	23.04	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.63	/	/	22.17	/	/	<=38.45	Pass
		Edge_1RB_Right	21.59	/	/	22.13	/	/	<=38.45	Pass
		Outer_Full	21.73	/	/	22.27	/	/	<=38.45	Pass
		Inner_Full	22.83	/	/	23.37	/	/	<=38.45	Pass
		Inner_1RB_Left	22.58	/	/	23.12	/	/	<=38.45	Pass

		Inner_1RB_Right	22.65	/	/	23.19	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	21.70	/	/	22.24	/	/	<=38.45	Pass
		Edge_1RB_Right	21.54	/	/	22.08	/	/	<=38.45	Pass
		Outer_Full	21.62	/	/	22.16	/	/	<=38.45	Pass
		Inner_Full	22.76	/	/	23.30	/	/	<=38.45	Pass
		Inner_1RB_Left	22.75	/	/	23.29	/	/	<=38.45	Pass
		Inner_1RB_Right	22.48	/	/	23.02	/	/	<=38.45	Pass
DFT-s-OFDM 64 QAM	826.5	Edge_1RB_Left	21.14	/	/	21.68	/	/	<=38.45	Pass
		Edge_1RB_Right	21.23	/	/	21.77	/	/	<=38.45	Pass
		Outer_Full	21.13	/	/	21.67	/	/	<=38.45	Pass
		Inner_Full	21.27	/	/	21.81	/	/	<=38.45	Pass
		Inner_1RB_Left	21.18	/	/	21.72	/	/	<=38.45	Pass
		Inner_1RB_Right	21.26	/	/	21.80	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.28	/	/	21.82	/	/	<=38.45	Pass
		Edge_1RB_Right	21.20	/	/	21.74	/	/	<=38.45	Pass
		Outer_Full	21.20	/	/	21.74	/	/	<=38.45	Pass
		Inner_Full	21.31	/	/	21.85	/	/	<=38.45	Pass
		Inner_1RB_Left	21.28	/	/	21.82	/	/	<=38.45	Pass
		Inner_1RB_Right	21.23	/	/	21.77	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	21.27	/	/	21.81	/	/	<=38.45	Pass
		Edge_1RB_Right	21.14	/	/	21.68	/	/	<=38.45	Pass
		Outer_Full	21.19	/	/	21.73	/	/	<=38.45	Pass
		Inner_Full	21.16	/	/	21.70	/	/	<=38.45	Pass
		Inner_1RB_Left	21.31	/	/	21.85	/	/	<=38.45	Pass
		Inner_1RB_Right	21.20	/	/	21.74	/	/	<=38.45	Pass
DFT-s-OFDM 256 QAM	826.5	Edge_1RB_Left	18.52	/	/	19.06	/	/	<=38.45	Pass
		Edge_1RB_Right	18.60	/	/	19.14	/	/	<=38.45	Pass
		Outer_Full	19.22	/	/	19.76	/	/	<=38.45	Pass
		Inner_Full	19.24	/	/	19.78	/	/	<=38.45	Pass
		Inner_1RB_Left	18.68	/	/	19.22	/	/	<=38.45	Pass
		Inner_1RB_Right	18.61	/	/	19.15	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	18.70	/	/	19.24	/	/	<=38.45	Pass
		Edge_1RB_Right	18.70	/	/	19.24	/	/	<=38.45	Pass
		Outer_Full	19.20	/	/	19.74	/	/	<=38.45	Pass
		Inner_Full	19.28	/	/	19.82	/	/	<=38.45	Pass
		Inner_1RB_Left	18.65	/	/	19.19	/	/	<=38.45	Pass
		Inner_1RB_Right	18.63	/	/	19.17	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	18.67	/	/	19.21	/	/	<=38.45	Pass
		Edge_1RB_Right	18.59	/	/	19.13	/	/	<=38.45	Pass
		Outer_Full	19.21	/	/	19.75	/	/	<=38.45	Pass
		Inner_Full	19.21	/	/	19.75	/	/	<=38.45	Pass
		Inner_1RB_Left	18.74	/	/	19.28	/	/	<=38.45	Pass
		Inner_1RB_Right	18.63	/	/	19.17	/	/	<=38.45	Pass
CP-OFDM QPSK	826.5	Edge_1RB_Left	20.67	/	/	21.21	/	/	<=38.45	Pass
		Edge_1RB_Right	20.56	/	/	21.10	/	/	<=38.45	Pass
		Outer_Full	20.75	/	/	21.29	/	/	<=38.45	Pass
		Inner_Full	22.17	/	/	22.71	/	/	<=38.45	Pass
		Inner_1RB_Left	22.31	/	/	22.85	/	/	<=38.45	Pass
		Inner_1RB_Right	22.22	/	/	22.76	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	20.62	/	/	21.16	/	/	<=38.45	Pass
		Edge_1RB_Right	20.66	/	/	21.20	/	/	<=38.45	Pass
		Outer_Full	20.74	/	/	21.28	/	/	<=38.45	Pass
		Inner_Full	22.29	/	/	22.83	/	/	<=38.45	Pass
		Inner_1RB_Left	22.27	/	/	22.81	/	/	<=38.45	Pass
		Inner_1RB_Right	22.34	/	/	22.88	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	20.71	/	/	21.25	/	/	<=38.45	Pass
		Edge_1RB_Right	20.55	/	/	21.09	/	/	<=38.45	Pass
		Outer_Full	20.70	/	/	21.24	/	/	<=38.45	Pass

		Inner_Full	22.16	/	/	22.70	/	/	<=38.45	Pass
		Inner_1RB_Left	22.32	/	/	22.86	/	/	<=38.45	Pass
		Inner_1RB_Right	22.21	/	/	22.75	/	/	<=38.45	Pass
CP-OFDM 16 QAM	826.5	Edge_1RB_Left	20.69	/	/	21.23	/	/	<=38.45	Pass
		Edge_1RB_Right	20.53	/	/	21.07	/	/	<=38.45	Pass
		Outer_Full	20.74	/	/	21.28	/	/	<=38.45	Pass
		Inner_Full	21.45	/	/	21.99	/	/	<=38.45	Pass
		Inner_1RB_Left	21.66	/	/	22.20	/	/	<=38.45	Pass
		Inner_1RB_Right	21.67	/	/	22.21	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	20.62	/	/	21.16	/	/	<=38.45	Pass
		Edge_1RB_Right	20.56	/	/	21.10	/	/	<=38.45	Pass
		Outer_Full	20.81	/	/	21.35	/	/	<=38.45	Pass
		Inner_Full	21.52	/	/	22.06	/	/	<=38.45	Pass
		Inner_1RB_Left	21.71	/	/	22.25	/	/	<=38.45	Pass
		Inner_1RB_Right	21.57	/	/	22.11	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	20.61	/	/	21.15	/	/	<=38.45	Pass
		Edge_1RB_Right	20.45	/	/	20.99	/	/	<=38.45	Pass
		Outer_Full	20.75	/	/	21.29	/	/	<=38.45	Pass
		Inner_Full	21.39	/	/	21.93	/	/	<=38.45	Pass
		Inner_1RB_Left	21.64	/	/	22.18	/	/	<=38.45	Pass
		Inner_1RB_Right	21.51	/	/	22.05	/	/	<=38.45	Pass
CP-OFDM 64 QAM	826.5	Edge_1RB_Left	20.24	/	/	20.78	/	/	<=38.45	Pass
		Edge_1RB_Right	20.12	/	/	20.66	/	/	<=38.45	Pass
		Outer_Full	20.15	/	/	20.69	/	/	<=38.45	Pass
		Inner_Full	20.20	/	/	20.74	/	/	<=38.45	Pass
		Inner_1RB_Left	20.25	/	/	20.79	/	/	<=38.45	Pass
		Inner_1RB_Right	20.12	/	/	20.66	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	20.16	/	/	20.70	/	/	<=38.45	Pass
		Edge_1RB_Right	20.16	/	/	20.70	/	/	<=38.45	Pass
		Outer_Full	20.20	/	/	20.74	/	/	<=38.45	Pass
		Inner_Full	20.29	/	/	20.83	/	/	<=38.45	Pass
		Inner_1RB_Left	20.25	/	/	20.79	/	/	<=38.45	Pass
		Inner_1RB_Right	20.19	/	/	20.73	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	20.21	/	/	20.75	/	/	<=38.45	Pass
		Edge_1RB_Right	20.00	/	/	20.54	/	/	<=38.45	Pass
		Outer_Full	20.14	/	/	20.68	/	/	<=38.45	Pass
		Inner_Full	20.16	/	/	20.70	/	/	<=38.45	Pass
		Inner_1RB_Left	20.26	/	/	20.80	/	/	<=38.45	Pass
		Inner_1RB_Right	20.06	/	/	20.60	/	/	<=38.45	Pass
CP-OFDM 256 QAM	826.5	Edge_1RB_Left	16.80	/	/	17.34	/	/	<=38.45	Pass
		Edge_1RB_Right	16.70	/	/	17.24	/	/	<=38.45	Pass
		Outer_Full	17.29	/	/	17.83	/	/	<=38.45	Pass
		Inner_Full	17.29	/	/	17.83	/	/	<=38.45	Pass
		Inner_1RB_Left	16.77	/	/	17.31	/	/	<=38.45	Pass
		Inner_1RB_Right	16.76	/	/	17.30	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	16.81	/	/	17.35	/	/	<=38.45	Pass
		Edge_1RB_Right	16.78	/	/	17.32	/	/	<=38.45	Pass
		Outer_Full	17.32	/	/	17.86	/	/	<=38.45	Pass
		Inner_Full	17.38	/	/	17.92	/	/	<=38.45	Pass
		Inner_1RB_Left	16.87	/	/	17.41	/	/	<=38.45	Pass
		Inner_1RB_Right	16.80	/	/	17.34	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	16.76	/	/	17.30	/	/	<=38.45	Pass
		Edge_1RB_Right	16.60	/	/	17.14	/	/	<=38.45	Pass
		Outer_Full	17.21	/	/	17.75	/	/	<=38.45	Pass
		Inner_Full	17.31	/	/	17.85	/	/	<=38.45	Pass
		Inner_1RB_Left	16.79	/	/	17.33	/	/	<=38.45	Pass
		Inner_1RB_Right	16.73	/	/	17.27	/	/	<=38.45	Pass
Note1: Antenna Gain: Ant1: 2.69dBi;										

Note2: EIRP=Conducted Power+Antenna Gain

1.1.2 15k_SISO_10MHz_NTNV_ERP

5G NR n5 SCS=15kHz SISO 10MHz NTNV										
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	23.18	/	/	23.72	/	/	<=38.45	Pass
		Edge_1RB_Right	23.16	/	/	23.70	/	/	<=38.45	Pass
		Outer_Full	23.18	/	/	23.72	/	/	<=38.45	Pass
		Inner_Full	23.73	/	/	24.27	/	/	<=38.45	Pass
		Inner_1RB_Left	23.63	/	/	24.17	/	/	<=38.45	Pass
		Inner_1RB_Right	23.74	/	/	24.28	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	23.08	/	/	23.62	/	/	<=38.45	Pass
		Edge_1RB_Right	23.23	/	/	23.77	/	/	<=38.45	Pass
		Outer_Full	23.25	/	/	23.79	/	/	<=38.45	Pass
		Inner_Full	23.81	/	/	24.35	/	/	<=38.45	Pass
		Inner_1RB_Left	23.60	/	/	24.14	/	/	<=38.45	Pass
		Inner_1RB_Right	23.79	/	/	24.33	/	/	<=38.45	Pass
	844	Edge_1RB_Left	23.12	/	/	23.66	/	/	<=38.45	Pass
		Edge_1RB_Right	22.90	/	/	23.44	/	/	<=38.45	Pass
		Outer_Full	23.20	/	/	23.74	/	/	<=38.45	Pass
		Inner_Full	23.84	/	/	24.38	/	/	<=38.45	Pass
		Inner_1RB_Left	23.85	/	/	24.39	/	/	<=38.45	Pass
		Inner_1RB_Right	23.57	/	/	24.11	/	/	<=38.45	Pass
DFT-s-OFDM QPSK	829	Edge_1RB_Left	22.68	/	/	23.22	/	/	<=38.45	Pass
		Edge_1RB_Right	22.65	/	/	23.19	/	/	<=38.45	Pass
		Outer_Full	22.67	/	/	23.21	/	/	<=38.45	Pass
		Inner_Full	23.75	/	/	24.29	/	/	<=38.45	Pass
		Inner_1RB_Left	23.65	/	/	24.19	/	/	<=38.45	Pass
		Inner_1RB_Right	23.77	/	/	24.31	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	22.64	/	/	23.18	/	/	<=38.45	Pass
		Edge_1RB_Right	22.82	/	/	23.36	/	/	<=38.45	Pass
		Outer_Full	22.70	/	/	23.24	/	/	<=38.45	Pass
		Inner_Full	23.80	/	/	24.34	/	/	<=38.45	Pass
		Inner_1RB_Left	23.80	/	/	24.34	/	/	<=38.45	Pass
		Inner_1RB_Right	23.83	/	/	24.37	/	/	<=38.45	Pass
	844	Edge_1RB_Left	22.65	/	/	23.19	/	/	<=38.45	Pass
		Edge_1RB_Right	22.34	/	/	22.88	/	/	<=38.45	Pass
		Outer_Full	22.71	/	/	23.25	/	/	<=38.45	Pass
		Inner_Full	23.77	/	/	24.31	/	/	<=38.45	Pass
		Inner_1RB_Left	23.84	/	/	24.38	/	/	<=38.45	Pass
		Inner_1RB_Right	23.53	/	/	24.07	/	/	<=38.45	Pass
DFT-s-OFDM 16 QAM	829	Edge_1RB_Left	21.61	/	/	22.15	/	/	<=38.45	Pass
		Edge_1RB_Right	21.62	/	/	22.16	/	/	<=38.45	Pass
		Outer_Full	21.61	/	/	22.15	/	/	<=38.45	Pass
		Inner_Full	22.63	/	/	23.17	/	/	<=38.45	Pass
		Inner_1RB_Left	22.62	/	/	23.16	/	/	<=38.45	Pass
		Inner_1RB_Right	22.65	/	/	23.19	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.62	/	/	22.16	/	/	<=38.45	Pass
		Edge_1RB_Right	21.74	/	/	22.28	/	/	<=38.45	Pass
		Outer_Full	21.68	/	/	22.22	/	/	<=38.45	Pass
		Inner_Full	22.74	/	/	23.28	/	/	<=38.45	Pass
		Inner_1RB_Left	22.69	/	/	23.23	/	/	<=38.45	Pass
		Inner_1RB_Right	22.78	/	/	23.32	/	/	<=38.45	Pass
	844	Edge_1RB_Left	21.69	/	/	22.23	/	/	<=38.45	Pass

		Edge_1RB_Right	21.41	/	/	21.95	/	/	<=38.45	Pass
		Outer_Full	21.62	/	/	22.16	/	/	<=38.45	Pass
		Inner_Full	22.77	/	/	23.31	/	/	<=38.45	Pass
		Inner_1RB_Left	22.68	/	/	23.22	/	/	<=38.45	Pass
		Inner_1RB_Right	22.45	/	/	22.99	/	/	<=38.45	Pass
DFT-s-OFDM 64 QAM	829	Edge_1RB_Left	21.35	/	/	21.89	/	/	<=38.45	Pass
		Edge_1RB_Right	21.32	/	/	21.86	/	/	<=38.45	Pass
		Outer_Full	21.12	/	/	21.66	/	/	<=38.45	Pass
		Inner_Full	21.18	/	/	21.72	/	/	<=38.45	Pass
		Inner_1RB_Left	21.30	/	/	21.84	/	/	<=38.45	Pass
		Inner_1RB_Right	21.28	/	/	21.82	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.24	/	/	21.78	/	/	<=38.45	Pass
		Edge_1RB_Right	21.38	/	/	21.92	/	/	<=38.45	Pass
		Outer_Full	21.33	/	/	21.87	/	/	<=38.45	Pass
		Inner_Full	21.21	/	/	21.75	/	/	<=38.45	Pass
		Inner_1RB_Left	21.24	/	/	21.78	/	/	<=38.45	Pass
		Inner_1RB_Right	21.40	/	/	21.94	/	/	<=38.45	Pass
	844	Edge_1RB_Left	21.38	/	/	21.92	/	/	<=38.45	Pass
		Edge_1RB_Right	21.08	/	/	21.62	/	/	<=38.45	Pass
		Outer_Full	21.16	/	/	21.70	/	/	<=38.45	Pass
		Inner_Full	21.13	/	/	21.67	/	/	<=38.45	Pass
		Inner_1RB_Left	21.37	/	/	21.91	/	/	<=38.45	Pass
		Inner_1RB_Right	21.12	/	/	21.66	/	/	<=38.45	Pass
DFT-s-OFDM 256 QAM	829	Edge_1RB_Left	18.65	/	/	19.19	/	/	<=38.45	Pass
		Edge_1RB_Right	18.58	/	/	19.12	/	/	<=38.45	Pass
		Outer_Full	19.18	/	/	19.72	/	/	<=38.45	Pass
		Inner_Full	19.14	/	/	19.68	/	/	<=38.45	Pass
		Inner_1RB_Left	18.65	/	/	19.19	/	/	<=38.45	Pass
		Inner_1RB_Right	18.59	/	/	19.13	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	18.63	/	/	19.17	/	/	<=38.45	Pass
		Edge_1RB_Right	18.60	/	/	19.14	/	/	<=38.45	Pass
		Outer_Full	19.28	/	/	19.82	/	/	<=38.45	Pass
		Inner_Full	19.28	/	/	19.82	/	/	<=38.45	Pass
		Inner_1RB_Left	18.65	/	/	19.19	/	/	<=38.45	Pass
		Inner_1RB_Right	18.72	/	/	19.26	/	/	<=38.45	Pass
	844	Edge_1RB_Left	18.73	/	/	19.27	/	/	<=38.45	Pass
		Edge_1RB_Right	18.38	/	/	18.92	/	/	<=38.45	Pass
		Outer_Full	19.12	/	/	19.66	/	/	<=38.45	Pass
		Inner_Full	19.15	/	/	19.69	/	/	<=38.45	Pass
		Inner_1RB_Left	18.69	/	/	19.23	/	/	<=38.45	Pass
		Inner_1RB_Right	18.56	/	/	19.10	/	/	<=38.45	Pass
CP-OFDM QPSK	829	Edge_1RB_Left	20.69	/	/	21.23	/	/	<=38.45	Pass
		Edge_1RB_Right	20.60	/	/	21.14	/	/	<=38.45	Pass
		Outer_Full	20.56	/	/	21.10	/	/	<=38.45	Pass
		Inner_Full	22.05	/	/	22.59	/	/	<=38.45	Pass
		Inner_1RB_Left	22.25	/	/	22.79	/	/	<=38.45	Pass
		Inner_1RB_Right	22.18	/	/	22.72	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	20.62	/	/	21.16	/	/	<=38.45	Pass
		Edge_1RB_Right	20.78	/	/	21.32	/	/	<=38.45	Pass
		Outer_Full	20.74	/	/	21.28	/	/	<=38.45	Pass
		Inner_Full	22.16	/	/	22.70	/	/	<=38.45	Pass
		Inner_1RB_Left	22.22	/	/	22.76	/	/	<=38.45	Pass
		Inner_1RB_Right	22.43	/	/	22.97	/	/	<=38.45	Pass
	844	Edge_1RB_Left	20.70	/	/	21.24	/	/	<=38.45	Pass
		Edge_1RB_Right	20.50	/	/	21.04	/	/	<=38.45	Pass
		Outer_Full	20.64	/	/	21.18	/	/	<=38.45	Pass
		Inner_Full	22.14	/	/	22.68	/	/	<=38.45	Pass
		Inner_1RB_Left	22.36	/	/	22.90	/	/	<=38.45	Pass

		Inner_1RB_Right	21.99	/	/	22.53	/	/	<=38.45	Pass
CP-OFDM 16 QAM	829	Edge_1RB_Left	20.50	/	/	21.04	/	/	<=38.45	Pass
		Edge_1RB_Right	20.50	/	/	21.04	/	/	<=38.45	Pass
		Outer_Full	20.61	/	/	21.15	/	/	<=38.45	Pass
		Inner_Full	21.64	/	/	22.18	/	/	<=38.45	Pass
		Inner_1RB_Left	21.51	/	/	22.05	/	/	<=38.45	Pass
		Inner_1RB_Right	21.62	/	/	22.16	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	20.56	/	/	21.10	/	/	<=38.45	Pass
		Edge_1RB_Right	20.68	/	/	21.22	/	/	<=38.45	Pass
		Outer_Full	20.76	/	/	21.30	/	/	<=38.45	Pass
		Inner_Full	21.67	/	/	22.21	/	/	<=38.45	Pass
		Inner_1RB_Left	21.65	/	/	22.19	/	/	<=38.45	Pass
		Inner_1RB_Right	21.74	/	/	22.28	/	/	<=38.45	Pass
	844	Edge_1RB_Left	20.50	/	/	21.04	/	/	<=38.45	Pass
		Edge_1RB_Right	20.41	/	/	20.95	/	/	<=38.45	Pass
		Outer_Full	20.56	/	/	21.10	/	/	<=38.45	Pass
		Inner_Full	21.50	/	/	22.04	/	/	<=38.45	Pass
		Inner_1RB_Left	21.61	/	/	22.15	/	/	<=38.45	Pass
		Inner_1RB_Right	21.40	/	/	21.94	/	/	<=38.45	Pass
CP-OFDM 64 QAM	829	Edge_1RB_Left	20.13	/	/	20.67	/	/	<=38.45	Pass
		Edge_1RB_Right	20.14	/	/	20.68	/	/	<=38.45	Pass
		Outer_Full	20.12	/	/	20.66	/	/	<=38.45	Pass
		Inner_Full	20.16	/	/	20.70	/	/	<=38.45	Pass
		Inner_1RB_Left	20.06	/	/	20.60	/	/	<=38.45	Pass
		Inner_1RB_Right	20.10	/	/	20.64	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	20.15	/	/	20.69	/	/	<=38.45	Pass
		Edge_1RB_Right	20.18	/	/	20.72	/	/	<=38.45	Pass
		Outer_Full	20.25	/	/	20.79	/	/	<=38.45	Pass
		Inner_Full	20.24	/	/	20.78	/	/	<=38.45	Pass
		Inner_1RB_Left	20.13	/	/	20.67	/	/	<=38.45	Pass
		Inner_1RB_Right	20.26	/	/	20.80	/	/	<=38.45	Pass
	844	Edge_1RB_Left	20.08	/	/	20.62	/	/	<=38.45	Pass
		Edge_1RB_Right	20.05	/	/	20.59	/	/	<=38.45	Pass
		Outer_Full	20.05	/	/	20.59	/	/	<=38.45	Pass
		Inner_Full	20.03	/	/	20.57	/	/	<=38.45	Pass
		Inner_1RB_Left	20.12	/	/	20.66	/	/	<=38.45	Pass
		Inner_1RB_Right	19.97	/	/	20.51	/	/	<=38.45	Pass
CP-OFDM 256 QAM	829	Edge_1RB_Left	16.84	/	/	17.38	/	/	<=38.45	Pass
		Edge_1RB_Right	16.79	/	/	17.33	/	/	<=38.45	Pass
		Outer_Full	17.20	/	/	17.74	/	/	<=38.45	Pass
		Inner_Full	17.23	/	/	17.77	/	/	<=38.45	Pass
		Inner_1RB_Left	16.83	/	/	17.37	/	/	<=38.45	Pass
		Inner_1RB_Right	16.72	/	/	17.26	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	16.73	/	/	17.27	/	/	<=38.45	Pass
		Edge_1RB_Right	16.78	/	/	17.32	/	/	<=38.45	Pass
		Outer_Full	17.24	/	/	17.78	/	/	<=38.45	Pass
		Inner_Full	17.32	/	/	17.86	/	/	<=38.45	Pass
		Inner_1RB_Left	16.77	/	/	17.31	/	/	<=38.45	Pass
		Inner_1RB_Right	16.80	/	/	17.34	/	/	<=38.45	Pass
	844	Edge_1RB_Left	16.74	/	/	17.28	/	/	<=38.45	Pass
		Edge_1RB_Right	16.58	/	/	17.12	/	/	<=38.45	Pass
		Outer_Full	17.10	/	/	17.64	/	/	<=38.45	Pass
		Inner_Full	17.15	/	/	17.69	/	/	<=38.45	Pass
		Inner_1RB_Left	16.71	/	/	17.25	/	/	<=38.45	Pass
		Inner_1RB_Right	16.57	/	/	17.11	/	/	<=38.45	Pass

Note1: Antenna Gain: Ant1: 2.69dBi;
Note2: EIRP=Conducted Power+Antenna Gain

1.1.3 15k_SISO_15MHz_NTNV_ERP

5G NR n5 SCS=15kHz SISO 15MHz NTNV										
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	23.08	/	/	23.62	/	/	<=38.45	Pass
		Edge_1RB_Right	23.23	/	/	23.77	/	/	<=38.45	Pass
		Outer_Full	23.11	/	/	23.65	/	/	<=38.45	Pass
		Inner_Full	23.66	/	/	24.20	/	/	<=38.45	Pass
		Inner_1RB_Left	23.63	/	/	24.17	/	/	<=38.45	Pass
		Inner_1RB_Right	23.70	/	/	24.24	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	22.47	/	/	23.01	/	/	<=38.45	Pass
		Edge_1RB_Right	22.79	/	/	23.33	/	/	<=38.45	Pass
		Outer_Full	23.17	/	/	23.71	/	/	<=38.45	Pass
		Inner_Full	23.75	/	/	24.29	/	/	<=38.45	Pass
		Inner_1RB_Left	23.64	/	/	24.18	/	/	<=38.45	Pass
		Inner_1RB_Right	23.71	/	/	24.25	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	22.97	/	/	23.51	/	/	<=38.45	Pass
		Edge_1RB_Right	22.92	/	/	23.46	/	/	<=38.45	Pass
		Outer_Full	23.01	/	/	23.55	/	/	<=38.45	Pass
		Inner_Full	23.69	/	/	24.23	/	/	<=38.45	Pass
		Inner_1RB_Left	23.51	/	/	24.05	/	/	<=38.45	Pass
		Inner_1RB_Right	23.47	/	/	24.01	/	/	<=38.45	Pass
DFT-s-OFDM QPSK	831.5	Edge_1RB_Left	22.65	/	/	23.19	/	/	<=38.45	Pass
		Edge_1RB_Right	22.82	/	/	23.36	/	/	<=38.45	Pass
		Outer_Full	22.54	/	/	23.08	/	/	<=38.45	Pass
		Inner_Full	23.69	/	/	24.23	/	/	<=38.45	Pass
		Inner_1RB_Left	23.61	/	/	24.15	/	/	<=38.45	Pass
		Inner_1RB_Right	23.70	/	/	24.24	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	22.48	/	/	23.02	/	/	<=38.45	Pass
		Edge_1RB_Right	22.74	/	/	23.28	/	/	<=38.45	Pass
		Outer_Full	22.61	/	/	23.15	/	/	<=38.45	Pass
		Inner_Full	23.61	/	/	24.15	/	/	<=38.45	Pass
		Inner_1RB_Left	23.63	/	/	24.17	/	/	<=38.45	Pass
		Inner_1RB_Right	23.66	/	/	24.20	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	22.56	/	/	23.10	/	/	<=38.45	Pass
		Edge_1RB_Right	22.52	/	/	23.06	/	/	<=38.45	Pass
		Outer_Full	22.59	/	/	23.13	/	/	<=38.45	Pass
		Inner_Full	23.59	/	/	24.13	/	/	<=38.45	Pass
		Inner_1RB_Left	23.51	/	/	24.05	/	/	<=38.45	Pass
		Inner_1RB_Right	23.47	/	/	24.01	/	/	<=38.45	Pass
DFT-s-OFDM 16 QAM	831.5	Edge_1RB_Left	21.52	/	/	22.06	/	/	<=38.45	Pass
		Edge_1RB_Right	21.68	/	/	22.22	/	/	<=38.45	Pass
		Outer_Full	21.64	/	/	22.18	/	/	<=38.45	Pass
		Inner_Full	22.53	/	/	23.07	/	/	<=38.45	Pass
		Inner_1RB_Left	22.58	/	/	23.12	/	/	<=38.45	Pass
		Inner_1RB_Right	22.68	/	/	23.22	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.51	/	/	22.05	/	/	<=38.45	Pass
		Edge_1RB_Right	21.70	/	/	22.24	/	/	<=38.45	Pass
		Outer_Full	21.59	/	/	22.13	/	/	<=38.45	Pass
		Inner_Full	22.63	/	/	23.17	/	/	<=38.45	Pass
		Inner_1RB_Left	22.46	/	/	23.00	/	/	<=38.45	Pass
		Inner_1RB_Right	22.59	/	/	23.13	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	21.52	/	/	22.06	/	/	<=38.45	Pass
		Edge_1RB_Right	21.53	/	/	22.07	/	/	<=38.45	Pass

		Outer_Full	21.56	/	/	22.10	/	/	<=38.45	Pass
		Inner_Full	22.55	/	/	23.09	/	/	<=38.45	Pass
		Inner_1RB_Left	22.46	/	/	23.00	/	/	<=38.45	Pass
		Inner_1RB_Right	22.46	/	/	23.00	/	/	<=38.45	Pass
DFT-s-OFDM 64 QAM	831.5	Edge_1RB_Left	21.15	/	/	21.69	/	/	<=38.45	Pass
		Edge_1RB_Right	21.29	/	/	21.83	/	/	<=38.45	Pass
		Outer_Full	21.05	/	/	21.59	/	/	<=38.45	Pass
		Inner_Full	21.09	/	/	21.63	/	/	<=38.45	Pass
		Inner_1RB_Left	21.14	/	/	21.68	/	/	<=38.45	Pass
		Inner_1RB_Right	21.42	/	/	21.96	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.21	/	/	21.75	/	/	<=38.45	Pass
		Edge_1RB_Right	21.38	/	/	21.92	/	/	<=38.45	Pass
		Outer_Full	21.14	/	/	21.68	/	/	<=38.45	Pass
		Inner_Full	21.16	/	/	21.70	/	/	<=38.45	Pass
		Inner_1RB_Left	21.20	/	/	21.74	/	/	<=38.45	Pass
		Inner_1RB_Right	21.38	/	/	21.92	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	21.30	/	/	21.84	/	/	<=38.45	Pass
		Edge_1RB_Right	21.22	/	/	21.76	/	/	<=38.45	Pass
		Outer_Full	21.16	/	/	21.70	/	/	<=38.45	Pass
		Inner_Full	21.20	/	/	21.74	/	/	<=38.45	Pass
		Inner_1RB_Left	21.31	/	/	21.85	/	/	<=38.45	Pass
		Inner_1RB_Right	21.24	/	/	21.78	/	/	<=38.45	Pass
DFT-s-OFDM 256 QAM	831.5	Edge_1RB_Left	18.67	/	/	19.21	/	/	<=38.45	Pass
		Edge_1RB_Right	18.64	/	/	19.18	/	/	<=38.45	Pass
		Outer_Full	19.13	/	/	19.67	/	/	<=38.45	Pass
		Inner_Full	19.06	/	/	19.60	/	/	<=38.45	Pass
		Inner_1RB_Left	18.59	/	/	19.13	/	/	<=38.45	Pass
		Inner_1RB_Right	18.70	/	/	19.24	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	18.66	/	/	19.20	/	/	<=38.45	Pass
		Edge_1RB_Right	18.66	/	/	19.20	/	/	<=38.45	Pass
		Outer_Full	19.18	/	/	19.72	/	/	<=38.45	Pass
		Inner_Full	19.11	/	/	19.65	/	/	<=38.45	Pass
		Inner_1RB_Left	18.60	/	/	19.14	/	/	<=38.45	Pass
		Inner_1RB_Right	18.74	/	/	19.28	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	18.65	/	/	19.19	/	/	<=38.45	Pass
		Edge_1RB_Right	18.52	/	/	19.06	/	/	<=38.45	Pass
		Outer_Full	19.19	/	/	19.73	/	/	<=38.45	Pass
		Inner_Full	19.10	/	/	19.64	/	/	<=38.45	Pass
		Inner_1RB_Left	18.66	/	/	19.20	/	/	<=38.45	Pass
		Inner_1RB_Right	18.52	/	/	19.06	/	/	<=38.45	Pass
CP-OFDM QPSK	831.5	Edge_1RB_Left	20.61	/	/	21.15	/	/	<=38.45	Pass
		Edge_1RB_Right	20.73	/	/	21.27	/	/	<=38.45	Pass
		Outer_Full	20.39	/	/	20.93	/	/	<=38.45	Pass
		Inner_Full	21.99	/	/	22.53	/	/	<=38.45	Pass
		Inner_1RB_Left	22.18	/	/	22.72	/	/	<=38.45	Pass
		Inner_1RB_Right	22.30	/	/	22.84	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	20.59	/	/	21.13	/	/	<=38.45	Pass
		Edge_1RB_Right	20.67	/	/	21.21	/	/	<=38.45	Pass
		Outer_Full	20.44	/	/	20.98	/	/	<=38.45	Pass
		Inner_Full	22.09	/	/	22.63	/	/	<=38.45	Pass
		Inner_1RB_Left	22.09	/	/	22.63	/	/	<=38.45	Pass
		Inner_1RB_Right	22.23	/	/	22.77	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	20.59	/	/	21.13	/	/	<=38.45	Pass
		Edge_1RB_Right	20.62	/	/	21.16	/	/	<=38.45	Pass
		Outer_Full	20.44	/	/	20.98	/	/	<=38.45	Pass
		Inner_Full	22.05	/	/	22.59	/	/	<=38.45	Pass
		Inner_1RB_Left	22.08	/	/	22.62	/	/	<=38.45	Pass
		Inner_1RB_Right	22.04	/	/	22.58	/	/	<=38.45	Pass

CP-OFDM 16 QAM	831.5	Edge_1RB_Left	20.55	/	/	21.09	/	/	<=38.45	Pass
		Edge_1RB_Right	20.61	/	/	21.15	/	/	<=38.45	Pass
		Outer_Full	20.42	/	/	20.96	/	/	<=38.45	Pass
		Inner_Full	21.51	/	/	22.05	/	/	<=38.45	Pass
		Inner_1RB_Left	21.57	/	/	22.11	/	/	<=38.45	Pass
		Inner_1RB_Right	21.63	/	/	22.17	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	20.52	/	/	21.06	/	/	<=38.45	Pass
		Edge_1RB_Right	20.52	/	/	21.06	/	/	<=38.45	Pass
		Outer_Full	20.49	/	/	21.03	/	/	<=38.45	Pass
		Inner_Full	21.61	/	/	22.15	/	/	<=38.45	Pass
		Inner_1RB_Left	21.58	/	/	22.12	/	/	<=38.45	Pass
		Inner_1RB_Right	21.60	/	/	22.14	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	20.61	/	/	21.15	/	/	<=38.45	Pass
		Edge_1RB_Right	20.44	/	/	20.98	/	/	<=38.45	Pass
		Outer_Full	20.45	/	/	20.99	/	/	<=38.45	Pass
		Inner_Full	21.56	/	/	22.10	/	/	<=38.45	Pass
		Inner_1RB_Left	21.45	/	/	21.99	/	/	<=38.45	Pass
		Inner_1RB_Right	21.50	/	/	22.04	/	/	<=38.45	Pass
CP-OFDM 64 QAM	831.5	Edge_1RB_Left	20.17	/	/	20.71	/	/	<=38.45	Pass
		Edge_1RB_Right	20.22	/	/	20.76	/	/	<=38.45	Pass
		Outer_Full	19.99	/	/	20.53	/	/	<=38.45	Pass
		Inner_Full	20.01	/	/	20.55	/	/	<=38.45	Pass
		Inner_1RB_Left	20.16	/	/	20.70	/	/	<=38.45	Pass
		Inner_1RB_Right	20.16	/	/	20.70	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	20.17	/	/	20.71	/	/	<=38.45	Pass
		Edge_1RB_Right	20.17	/	/	20.71	/	/	<=38.45	Pass
		Outer_Full	20.03	/	/	20.57	/	/	<=38.45	Pass
		Inner_Full	20.01	/	/	20.55	/	/	<=38.45	Pass
		Inner_1RB_Left	20.15	/	/	20.69	/	/	<=38.45	Pass
		Inner_1RB_Right	20.20	/	/	20.74	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	20.06	/	/	20.60	/	/	<=38.45	Pass
		Edge_1RB_Right	20.12	/	/	20.66	/	/	<=38.45	Pass
		Outer_Full	20.00	/	/	20.54	/	/	<=38.45	Pass
		Inner_Full	20.06	/	/	20.60	/	/	<=38.45	Pass
		Inner_1RB_Left	20.19	/	/	20.73	/	/	<=38.45	Pass
		Inner_1RB_Right	20.08	/	/	20.62	/	/	<=38.45	Pass
CP-OFDM 256 QAM	831.5	Edge_1RB_Left	16.88	/	/	17.42	/	/	<=38.45	Pass
		Edge_1RB_Right	16.75	/	/	17.29	/	/	<=38.45	Pass
		Outer_Full	17.17	/	/	17.71	/	/	<=38.45	Pass
		Inner_Full	17.09	/	/	17.63	/	/	<=38.45	Pass
		Inner_1RB_Left	16.79	/	/	17.33	/	/	<=38.45	Pass
		Inner_1RB_Right	16.75	/	/	17.29	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	16.76	/	/	17.30	/	/	<=38.45	Pass
		Edge_1RB_Right	16.76	/	/	17.30	/	/	<=38.45	Pass
		Outer_Full	17.09	/	/	17.63	/	/	<=38.45	Pass
		Inner_Full	17.10	/	/	17.64	/	/	<=38.45	Pass
		Inner_1RB_Left	16.81	/	/	17.35	/	/	<=38.45	Pass
		Inner_1RB_Right	16.71	/	/	17.25	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	16.79	/	/	17.33	/	/	<=38.45	Pass
		Edge_1RB_Right	16.73	/	/	17.27	/	/	<=38.45	Pass
		Outer_Full	17.18	/	/	17.72	/	/	<=38.45	Pass
		Inner_Full	17.12	/	/	17.66	/	/	<=38.45	Pass
		Inner_1RB_Left	16.75	/	/	17.29	/	/	<=38.45	Pass
		Inner_1RB_Right	16.72	/	/	17.26	/	/	<=38.45	Pass

Note1: Antenna Gain: Ant1: 2.69dBi;
Note2: EIRP=Conducted Power+Antenna Gain

1.1.4 15k_SISO_20MHz_NTNV_ERP

5G NR n5 SCS=15kHz SISO 20MHz NTNV										
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	22.99	/	/	23.53	/	/	<=38.45	Pass
		Edge_1RB_Right	23.14	/	/	23.68	/	/	<=38.45	Pass
		Outer_Full	23.12	/	/	23.66	/	/	<=38.45	Pass
		Inner_Full	23.54	/	/	24.08	/	/	<=38.45	Pass
		Inner_1RB_Left	23.54	/	/	24.08	/	/	<=38.45	Pass
		Inner_1RB_Right	23.64	/	/	24.18	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	23.06	/	/	23.60	/	/	<=38.45	Pass
		Edge_1RB_Right	23.13	/	/	23.67	/	/	<=38.45	Pass
		Outer_Full	23.26	/	/	23.80	/	/	<=38.45	Pass
		Inner_Full	23.69	/	/	24.23	/	/	<=38.45	Pass
		Inner_1RB_Left	23.67	/	/	24.21	/	/	<=38.45	Pass
		Inner_1RB_Right	23.69	/	/	24.23	/	/	<=38.45	Pass
	839	Edge_1RB_Left	23.00	/	/	23.54	/	/	<=38.45	Pass
		Edge_1RB_Right	22.96	/	/	23.50	/	/	<=38.45	Pass
		Outer_Full	23.23	/	/	23.77	/	/	<=38.45	Pass
		Inner_Full	23.72	/	/	24.26	/	/	<=38.45	Pass
		Inner_1RB_Left	23.65	/	/	24.19	/	/	<=38.45	Pass
		Inner_1RB_Right	23.46	/	/	24.00	/	/	<=38.45	Pass
DFT-s-OFDM QPSK	834	Edge_1RB_Left	22.55	/	/	23.09	/	/	<=38.45	Pass
		Edge_1RB_Right	22.68	/	/	23.22	/	/	<=38.45	Pass
		Outer_Full	22.55	/	/	23.09	/	/	<=38.45	Pass
		Inner_Full	23.51	/	/	24.05	/	/	<=38.45	Pass
		Inner_1RB_Left	23.60	/	/	24.14	/	/	<=38.45	Pass
		Inner_1RB_Right	23.70	/	/	24.24	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	22.64	/	/	23.18	/	/	<=38.45	Pass
		Edge_1RB_Right	22.72	/	/	23.26	/	/	<=38.45	Pass
		Outer_Full	22.79	/	/	23.33	/	/	<=38.45	Pass
		Inner_Full	23.68	/	/	24.22	/	/	<=38.45	Pass
		Inner_1RB_Left	23.61	/	/	24.15	/	/	<=38.45	Pass
		Inner_1RB_Right	23.72	/	/	24.26	/	/	<=38.45	Pass
	839	Edge_1RB_Left	22.51	/	/	23.05	/	/	<=38.45	Pass
		Edge_1RB_Right	22.39	/	/	22.93	/	/	<=38.45	Pass
		Outer_Full	22.69	/	/	23.23	/	/	<=38.45	Pass
		Inner_Full	23.63	/	/	24.17	/	/	<=38.45	Pass
		Inner_1RB_Left	23.62	/	/	24.16	/	/	<=38.45	Pass
		Inner_1RB_Right	23.46	/	/	24.00	/	/	<=38.45	Pass
DFT-s-OFDM 16 QAM	834	Edge_1RB_Left	21.48	/	/	22.02	/	/	<=38.45	Pass
		Edge_1RB_Right	21.57	/	/	22.11	/	/	<=38.45	Pass
		Outer_Full	21.52	/	/	22.06	/	/	<=38.45	Pass
		Inner_Full	22.43	/	/	22.97	/	/	<=38.45	Pass
		Inner_1RB_Left	22.44	/	/	22.98	/	/	<=38.45	Pass
		Inner_1RB_Right	22.59	/	/	23.13	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.52	/	/	22.06	/	/	<=38.45	Pass
		Edge_1RB_Right	21.70	/	/	22.24	/	/	<=38.45	Pass
		Outer_Full	21.52	/	/	22.06	/	/	<=38.45	Pass
		Inner_Full	22.56	/	/	23.10	/	/	<=38.45	Pass
		Inner_1RB_Left	22.51	/	/	23.05	/	/	<=38.45	Pass
		Inner_1RB_Right	22.63	/	/	23.17	/	/	<=38.45	Pass
	839	Edge_1RB_Left	21.59	/	/	22.13	/	/	<=38.45	Pass
		Edge_1RB_Right	21.64	/	/	22.18	/	/	<=38.45	Pass
		Outer_Full	21.56	/	/	22.10	/	/	<=38.45	Pass
		Inner_Full	22.60	/	/	23.14	/	/	<=38.45	Pass

		Inner_1RB_Left	22.56	/	/	23.10	/	/	<=38.45	Pass
		Inner_1RB_Right	22.41	/	/	22.95	/	/	<=38.45	Pass
DFT-s-OFDM 64 QAM	834	Edge_1RB_Left	21.11	/	/	21.65	/	/	<=38.45	Pass
		Edge_1RB_Right	21.24	/	/	21.78	/	/	<=38.45	Pass
		Outer_Full	21.11	/	/	21.65	/	/	<=38.45	Pass
		Inner_Full	21.06	/	/	21.60	/	/	<=38.45	Pass
		Inner_1RB_Left	21.14	/	/	21.68	/	/	<=38.45	Pass
		Inner_1RB_Right	21.21	/	/	21.75	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.16	/	/	21.70	/	/	<=38.45	Pass
		Edge_1RB_Right	21.22	/	/	21.76	/	/	<=38.45	Pass
		Outer_Full	21.12	/	/	21.66	/	/	<=38.45	Pass
		Inner_Full	21.18	/	/	21.72	/	/	<=38.45	Pass
		Inner_1RB_Left	21.21	/	/	21.75	/	/	<=38.45	Pass
		Inner_1RB_Right	21.25	/	/	21.79	/	/	<=38.45	Pass
	839	Edge_1RB_Left	21.13	/	/	21.67	/	/	<=38.45	Pass
		Edge_1RB_Right	21.23	/	/	21.77	/	/	<=38.45	Pass
		Outer_Full	21.07	/	/	21.61	/	/	<=38.45	Pass
		Inner_Full	21.12	/	/	21.66	/	/	<=38.45	Pass
		Inner_1RB_Left	21.22	/	/	21.76	/	/	<=38.45	Pass
		Inner_1RB_Right	21.22	/	/	21.76	/	/	<=38.45	Pass
DFT-s-OFDM 256 QAM	834	Edge_1RB_Left	18.55	/	/	19.09	/	/	<=38.45	Pass
		Edge_1RB_Right	18.47	/	/	19.01	/	/	<=38.45	Pass
		Outer_Full	19.10	/	/	19.64	/	/	<=38.45	Pass
		Inner_Full	19.01	/	/	19.55	/	/	<=38.45	Pass
		Inner_1RB_Left	18.51	/	/	19.05	/	/	<=38.45	Pass
		Inner_1RB_Right	18.55	/	/	19.09	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	18.59	/	/	19.13	/	/	<=38.45	Pass
		Edge_1RB_Right	18.51	/	/	19.05	/	/	<=38.45	Pass
		Outer_Full	19.26	/	/	19.80	/	/	<=38.45	Pass
		Inner_Full	19.10	/	/	19.64	/	/	<=38.45	Pass
		Inner_1RB_Left	18.59	/	/	19.13	/	/	<=38.45	Pass
		Inner_1RB_Right	18.70	/	/	19.24	/	/	<=38.45	Pass
	839	Edge_1RB_Left	18.57	/	/	19.11	/	/	<=38.45	Pass
		Edge_1RB_Right	18.48	/	/	19.02	/	/	<=38.45	Pass
		Outer_Full	19.19	/	/	19.73	/	/	<=38.45	Pass
		Inner_Full	19.21	/	/	19.75	/	/	<=38.45	Pass
		Inner_1RB_Left	18.64	/	/	19.18	/	/	<=38.45	Pass
		Inner_1RB_Right	18.55	/	/	19.09	/	/	<=38.45	Pass
CP-OFDM QPSK	834	Edge_1RB_Left	20.44	/	/	20.98	/	/	<=38.45	Pass
		Edge_1RB_Right	20.62	/	/	21.16	/	/	<=38.45	Pass
		Outer_Full	20.52	/	/	21.06	/	/	<=38.45	Pass
		Inner_Full	22.01	/	/	22.55	/	/	<=38.45	Pass
		Inner_1RB_Left	22.10	/	/	22.64	/	/	<=38.45	Pass
		Inner_1RB_Right	22.18	/	/	22.72	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	20.55	/	/	21.09	/	/	<=38.45	Pass
		Edge_1RB_Right	20.76	/	/	21.30	/	/	<=38.45	Pass
		Outer_Full	20.63	/	/	21.17	/	/	<=38.45	Pass
		Inner_Full	22.04	/	/	22.58	/	/	<=38.45	Pass
		Inner_1RB_Left	22.23	/	/	22.77	/	/	<=38.45	Pass
		Inner_1RB_Right	22.25	/	/	22.79	/	/	<=38.45	Pass
	839	Edge_1RB_Left	20.59	/	/	21.13	/	/	<=38.45	Pass
		Edge_1RB_Right	20.67	/	/	21.21	/	/	<=38.45	Pass
		Outer_Full	20.67	/	/	21.21	/	/	<=38.45	Pass
		Inner_Full	22.09	/	/	22.63	/	/	<=38.45	Pass
		Inner_1RB_Left	22.21	/	/	22.75	/	/	<=38.45	Pass
		Inner_1RB_Right	22.07	/	/	22.61	/	/	<=38.45	Pass
CP-OFDM 16 QAM	834	Edge_1RB_Left	20.43	/	/	20.97	/	/	<=38.45	Pass
		Edge_1RB_Right	20.53	/	/	21.07	/	/	<=38.45	Pass

		Outer_Full	20.38	/	/	20.92	/	/	<=38.45	Pass
		Inner_Full	21.48	/	/	22.02	/	/	<=38.45	Pass
		Inner_1RB_Left	21.48	/	/	22.02	/	/	<=38.45	Pass
		Inner_1RB_Right	21.53	/	/	22.07	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	20.48	/	/	21.02	/	/	<=38.45	Pass
		Edge_1RB_Right	20.49	/	/	21.03	/	/	<=38.45	Pass
		Outer_Full	20.52	/	/	21.06	/	/	<=38.45	Pass
		Inner_Full	21.66	/	/	22.20	/	/	<=38.45	Pass
		Inner_1RB_Left	21.61	/	/	22.15	/	/	<=38.45	Pass
		Inner_1RB_Right	21.59	/	/	22.13	/	/	<=38.45	Pass
	839	Edge_1RB_Left	20.57	/	/	21.11	/	/	<=38.45	Pass
		Edge_1RB_Right	20.49	/	/	21.03	/	/	<=38.45	Pass
		Outer_Full	20.50	/	/	21.04	/	/	<=38.45	Pass
		Inner_Full	21.59	/	/	22.13	/	/	<=38.45	Pass
		Inner_1RB_Left	21.65	/	/	22.19	/	/	<=38.45	Pass
		Inner_1RB_Right	21.53	/	/	22.07	/	/	<=38.45	Pass
CP-OFDM 64 QAM	834	Edge_1RB_Left	19.99	/	/	20.53	/	/	<=38.45	Pass
		Edge_1RB_Right	20.13	/	/	20.67	/	/	<=38.45	Pass
		Outer_Full	19.98	/	/	20.52	/	/	<=38.45	Pass
		Inner_Full	19.95	/	/	20.49	/	/	<=38.45	Pass
		Inner_1RB_Left	19.96	/	/	20.50	/	/	<=38.45	Pass
		Inner_1RB_Right	20.01	/	/	20.55	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	20.18	/	/	20.72	/	/	<=38.45	Pass
		Edge_1RB_Right	20.20	/	/	20.74	/	/	<=38.45	Pass
		Outer_Full	20.17	/	/	20.71	/	/	<=38.45	Pass
		Inner_Full	20.03	/	/	20.57	/	/	<=38.45	Pass
		Inner_1RB_Left	20.12	/	/	20.66	/	/	<=38.45	Pass
		Inner_1RB_Right	20.12	/	/	20.66	/	/	<=38.45	Pass
	839	Edge_1RB_Left	20.10	/	/	20.64	/	/	<=38.45	Pass
		Edge_1RB_Right	20.10	/	/	20.64	/	/	<=38.45	Pass
		Outer_Full	20.14	/	/	20.68	/	/	<=38.45	Pass
		Inner_Full	20.13	/	/	20.67	/	/	<=38.45	Pass
		Inner_1RB_Left	20.08	/	/	20.62	/	/	<=38.45	Pass
		Inner_1RB_Right	20.12	/	/	20.66	/	/	<=38.45	Pass
CP-OFDM 256 QAM	834	Edge_1RB_Left	16.74	/	/	17.28	/	/	<=38.45	Pass
		Edge_1RB_Right	16.72	/	/	17.26	/	/	<=38.45	Pass
		Outer_Full	17.11	/	/	17.65	/	/	<=38.45	Pass
		Inner_Full	17.04	/	/	17.58	/	/	<=38.45	Pass
		Inner_1RB_Left	16.65	/	/	17.19	/	/	<=38.45	Pass
		Inner_1RB_Right	16.62	/	/	17.16	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	16.89	/	/	17.43	/	/	<=38.45	Pass
		Edge_1RB_Right	16.71	/	/	17.25	/	/	<=38.45	Pass
		Outer_Full	17.30	/	/	17.84	/	/	<=38.45	Pass
		Inner_Full	17.15	/	/	17.69	/	/	<=38.45	Pass
		Inner_1RB_Left	16.82	/	/	17.36	/	/	<=38.45	Pass
		Inner_1RB_Right	16.67	/	/	17.21	/	/	<=38.45	Pass
	839	Edge_1RB_Left	16.83	/	/	17.37	/	/	<=38.45	Pass
		Edge_1RB_Right	16.67	/	/	17.21	/	/	<=38.45	Pass
		Outer_Full	17.32	/	/	17.86	/	/	<=38.45	Pass
		Inner_Full	17.27	/	/	17.81	/	/	<=38.45	Pass
		Inner_1RB_Left	16.80	/	/	17.34	/	/	<=38.45	Pass
		Inner_1RB_Right	16.60	/	/	17.14	/	/	<=38.45	Pass

Note1: Antenna Gain: Ant1: 2.69dBi;
Note2: EIRP=Conducted Power+Antenna Gain

2. Frequency Stability

2.1 Test Result

2.1.1 15k_SISO_5MHz

5G NR n5 SCS=15kHz SISO 5MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	836.5	Outer_Full	20	LV	-6.10	-0.0073	>=-2.5 & <=2.5	Pass
				HV	-6.50	-0.0078	>=-2.5 & <=2.5	Pass
			-30	NV	-6.60	-0.0079	>=-2.5 & <=2.5	Pass
			-20	NV	-3.90	-0.0047	>=-2.5 & <=2.5	Pass
			-10	NV	-4.40	-0.0053	>=-2.5 & <=2.5	Pass
			0	NV	-4.70	-0.0056	>=-2.5 & <=2.5	Pass
			10	NV	-7.60	-0.0091	>=-2.5 & <=2.5	Pass
			20	NV	-3.10	-0.0037	>=-2.5 & <=2.5	Pass
			30	NV	-4.30	-0.0051	>=-2.5 & <=2.5	Pass
			40	NV	-1.40	-0.0017	>=-2.5 & <=2.5	Pass
			50	NV	-3.20	-0.0038	>=-2.5 & <=2.5	Pass

2.1.2 15k_SISO_10MHz

5G NR n5 SCS=15kHz SISO 10MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	836.5	Outer_Full	20	LV	-8.20	-0.0098	>=-2.5 & <=2.5	Pass
				HV	-3.50	-0.0042	>=-2.5 & <=2.5	Pass
			-30	NV	-7.60	-0.0091	>=-2.5 & <=2.5	Pass
			-20	NV	-6.80	-0.0081	>=-2.5 & <=2.5	Pass
			-10	NV	-6.00	-0.0072	>=-2.5 & <=2.5	Pass
			0	NV	-7.40	-0.0088	>=-2.5 & <=2.5	Pass
			10	NV	-5.70	-0.0068	>=-2.5 & <=2.5	Pass
			20	NV	-6.90	-0.0082	>=-2.5 & <=2.5	Pass
			30	NV	-7.00	-0.0084	>=-2.5 & <=2.5	Pass
			40	NV	-4.90	-0.0059	>=-2.5 & <=2.5	Pass
			50	NV	-4.60	-0.0055	>=-2.5 & <=2.5	Pass

2.1.3 15k_SISO_15MHz

5G NR n5 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 QPSK	836.5	Outer_Full	20	LV	-4.30	-0.0051	>=-2.5 & <=2.5	Pass
				HV	-8.70	-0.0104	>=-2.5 & <=2.5	Pass
			-30	NV	-10.80	-0.0129	>=-2.5 & <=2.5	Pass
			-20	NV	-6.30	-0.0075	>=-2.5 & <=2.5	Pass
			-10	NV	-9.20	-0.0110	>=-2.5 & <=2.5	Pass
			0	NV	-5.80	-0.0069	>=-2.5 & <=2.5	Pass
			10	NV	-8.00	-0.0096	>=-2.5 & <=2.5	Pass
			20	NV	-6.90	-0.0082	>=-2.5 & <=2.5	Pass
			30	NV	-9.60	-0.0115	>=-2.5 & <=2.5	Pass
			40	NV	-5.60	-0.0067	>=-2.5 & <=2.5	Pass
			50	NV	-7.20	-0.0086	>=-2.5 & <=2.5	Pass

2.1.4 15k_SISO_20MHz

5G NR n5 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 QPSK	836.5	Outer_Full	20	LV	-7.70	-0.0092	>=-2.5 & <=2.5	Pass
				HV	-11.30	-0.0135	>=-2.5 & <=2.5	Pass
			-30	NV	-11.50	-0.0137	>=-2.5 & <=2.5	Pass
			-20	NV	-9.60	-0.0115	>=-2.5 & <=2.5	Pass
			-10	NV	-11.80	-0.0141	>=-2.5 & <=2.5	Pass
			0	NV	-7.00	-0.0084	>=-2.5 & <=2.5	Pass
			10	NV	-12.00	-0.0143	>=-2.5 & <=2.5	Pass
			20	NV	-9.10	-0.0109	>=-2.5 & <=2.5	Pass
			30	NV	-9.30	-0.0111	>=-2.5 & <=2.5	Pass
			40	NV	-11.10	-0.0133	>=-2.5 & <=2.5	Pass
			50	NV	-10.20	-0.0122	>=-2.5 & <=2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 15k_SISO_5MHz_NTNV

5G NR n5 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	4.55	5.29	/	Pass
	836.5	Outer_Full	4.54	5.23	/	Pass
	846.5	Outer_Full	4.55	5.26	/	Pass
DFT-s-OFDM QPSK	826.5	Outer_Full	4.53	5.17	/	Pass
	836.5	Outer_Full	4.53	5.24	/	Pass
	846.5	Outer_Full	4.53	5.20	/	Pass
DFT-s-OFDM 16 QAM	826.5	Outer_Full	4.59	5.29	/	Pass
	836.5	Outer_Full	4.55	5.22	/	Pass
	846.5	Outer_Full	4.59	5.26	/	Pass
DFT-s-OFDM 64 QAM	826.5	Outer_Full	4.55	5.22	/	Pass
	836.5	Outer_Full	4.54	5.20	/	Pass
	846.5	Outer_Full	4.52	5.16	/	Pass
DFT-s-OFDM 256 QAM	826.5	Outer_Full	4.52	5.21	/	Pass
	836.5	Outer_Full	4.56	5.29	/	Pass
	846.5	Outer_Full	4.53	5.22	/	Pass
CP-OFDM QPSK	826.5	Outer_Full	4.55	5.30	/	Pass
	836.5	Outer_Full	4.54	5.36	/	Pass
	846.5	Outer_Full	4.52	5.20	/	Pass
CP-OFDM 16 QAM	826.5	Outer_Full	4.55	5.31	/	Pass
	836.5	Outer_Full	4.61	5.34	/	Pass
	846.5	Outer_Full	4.57	5.29	/	Pass
CP-OFDM 64 QAM	826.5	Outer_Full	4.55	5.27	/	Pass
	836.5	Outer_Full	4.57	5.33	/	Pass
	846.5	Outer_Full	4.54	5.24	/	Pass
CP-OFDM 256 QAM	826.5	Outer_Full	4.58	5.44	/	Pass
	836.5	Outer_Full	4.56	5.42	/	Pass
	846.5	Outer_Full	4.58	5.37	/	Pass

3.1.2 15k_SISO_10MHz_NTNV

5G NR n5 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	9.04	10.07	/	Pass
	836.5	Outer_Full	9.05	9.99	/	Pass
	844	Outer_Full	9.04	10.03	/	Pass
DFT-s-OFDM QPSK	829	Outer_Full	9.07	10.10	/	Pass
	836.5	Outer_Full	9.06	10.09	/	Pass
	844	Outer_Full	9.06	10.01	/	Pass
DFT-s-OFDM 16 QAM	829	Outer_Full	9.05	10.02	/	Pass
	836.5	Outer_Full	9.07	10.09	/	Pass
	844	Outer_Full	9.06	10.02	/	Pass
DFT-s-OFDM 64 QAM	829	Outer_Full	9.04	10.04	/	Pass
	836.5	Outer_Full	9.06	10.08	/	Pass
	844	Outer_Full	9.04	10.00	/	Pass
DFT-s-OFDM 256 QAM	829	Outer_Full	9.05	10.08	/	Pass
	836.5	Outer_Full	9.06	10.00	/	Pass
	844	Outer_Full	9.06	9.93	/	Pass
CP-OFDM QPSK	829	Outer_Full	9.37	10.47	/	Pass
	836.5	Outer_Full	9.38	10.46	/	Pass
	844	Outer_Full	9.38	10.43	/	Pass
CP-OFDM 16 QAM	829	Outer_Full	9.38	10.47	/	Pass
	836.5	Outer_Full	9.40	10.45	/	Pass
	844	Outer_Full	9.37	10.26	/	Pass
CP-OFDM 64 QAM	829	Outer_Full	9.35	10.26	/	Pass
	836.5	Outer_Full	9.36	10.26	/	Pass
	844	Outer_Full	9.35	10.34	/	Pass
CP-OFDM 256 QAM	829	Outer_Full	9.39	10.41	/	Pass
	836.5	Outer_Full	9.42	10.40	/	Pass
	844	Outer_Full	9.40	10.39	/	Pass

3.1.3 15k_SISO_15MHz_NTNV

5G NR n5 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	13.58	14.86	/	Pass
	836.5	Outer_Full	13.59	14.68	/	Pass
	841.5	Outer_Full	13.58	14.87	/	Pass
DFT-s-OFDM QPSK	831.5	Outer_Full	13.60	14.86	/	Pass
	836.5	Outer_Full	13.59	14.76	/	Pass
	841.5	Outer_Full	13.60	14.82	/	Pass
DFT-s-OFDM 16 QAM	831.5	Outer_Full	13.63	14.88	/	Pass
	836.5	Outer_Full	13.64	14.84	/	Pass
	841.5	Outer_Full	13.64	14.82	/	Pass
DFT-s-OFDM 64 QAM	831.5	Outer_Full	13.55	14.79	/	Pass
	836.5	Outer_Full	13.55	14.82	/	Pass
	841.5	Outer_Full	13.55	14.82	/	Pass
DFT-s-OFDM 256 QAM	831.5	Outer_Full	13.59	14.72	/	Pass
	836.5	Outer_Full	13.59	14.79	/	Pass
	841.5	Outer_Full	13.60	14.92	/	Pass
CP-OFDM QPSK	831.5	Outer_Full	14.23	15.51	/	Pass
	836.5	Outer_Full	14.25	15.50	/	Pass
	841.5	Outer_Full	14.27	15.50	/	Pass

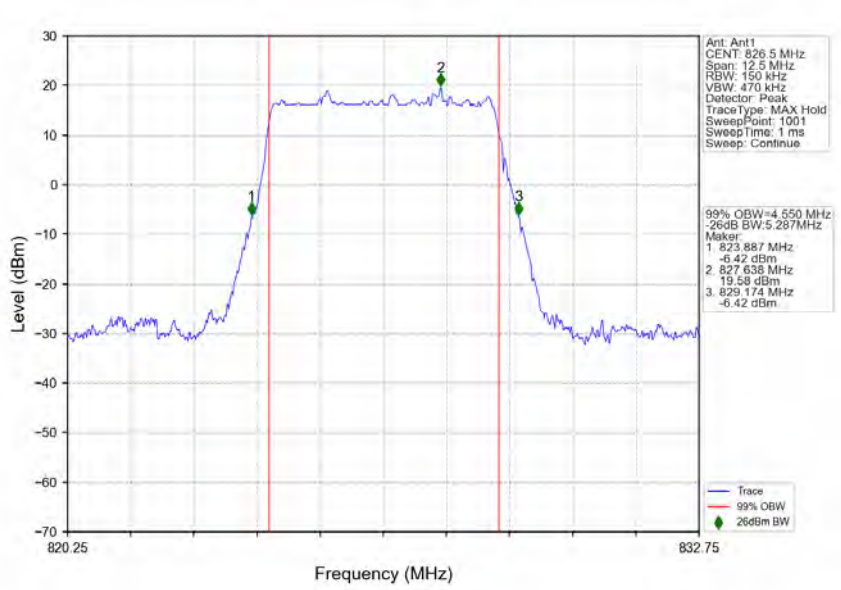
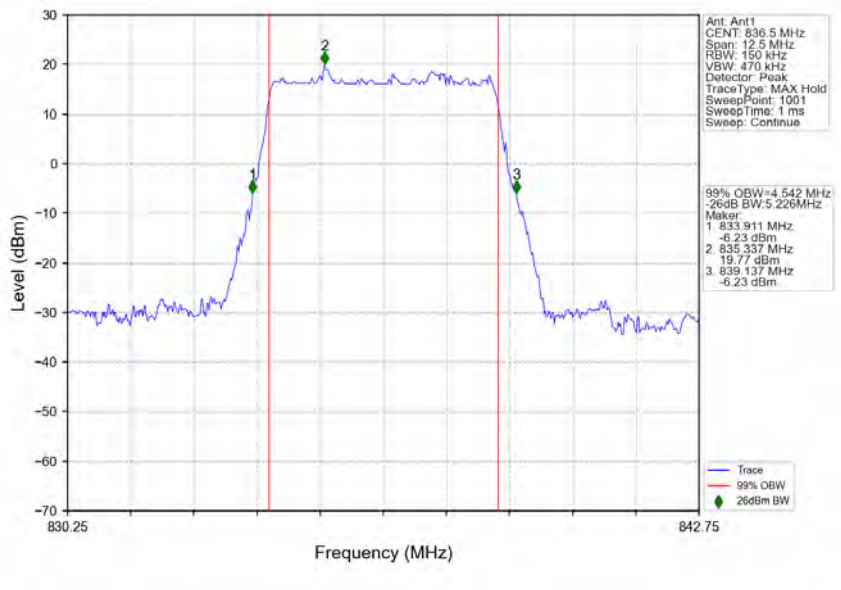
CP-OFDM 16 QAM	831.5	Outer_Full	14.26	15.54	/	Pass
	836.5	Outer_Full	14.28	15.58	/	Pass
	841.5	Outer_Full	14.27	15.53	/	Pass
CP-OFDM 64 QAM	831.5	Outer_Full	14.30	15.53	/	Pass
	836.5	Outer_Full	14.31	15.49	/	Pass
	841.5	Outer_Full	14.32	15.61	/	Pass
CP-OFDM 256 QAM	831.5	Outer_Full	14.23	15.53	/	Pass
	836.5	Outer_Full	14.23	15.48	/	Pass
	841.5	Outer_Full	14.23	15.60	/	Pass

3.1.4 15k_SISO_20MHz_NTNV

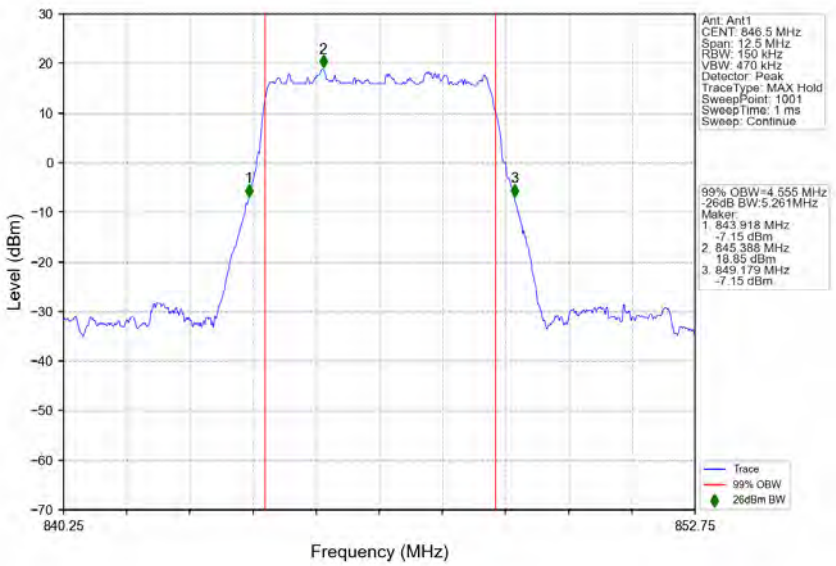
5G NR n5 SCS=15kHz SISO 20MHz NTNV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	834	Outer_Full	18.07	19.46	/	Pass
	836.5	Outer_Full	18.08	19.52	/	Pass
	839	Outer_Full	18.11	19.57	/	Pass
DFT-s-OFDM QPSK	834	Outer_Full	18.03	19.62	/	Pass
	836.5	Outer_Full	18.06	19.61	/	Pass
	839	Outer_Full	18.07	19.68	/	Pass
DFT-s-OFDM 16 QAM	834	Outer_Full	18.04	19.57	/	Pass
	836.5	Outer_Full	18.05	19.51	/	Pass
	839	Outer_Full	18.05	19.54	/	Pass
DFT-s-OFDM 64 QAM	834	Outer_Full	18.05	19.61	/	Pass
	836.5	Outer_Full	18.07	19.64	/	Pass
	839	Outer_Full	18.06	19.61	/	Pass
DFT-s-OFDM 256 QAM	834	Outer_Full	18.04	19.41	/	Pass
	836.5	Outer_Full	18.09	19.41	/	Pass
	839	Outer_Full	18.09	19.47	/	Pass
CP-OFDM QPSK	834	Outer_Full	19.05	20.61	/	Pass
	836.5	Outer_Full	19.05	20.69	/	Pass
	839	Outer_Full	19.05	20.57	/	Pass
CP-OFDM 16 QAM	834	Outer_Full	19.12	20.69	/	Pass
	836.5	Outer_Full	19.16	20.67	/	Pass
	839	Outer_Full	19.10	20.71	/	Pass
CP-OFDM 64 QAM	834	Outer_Full	19.14	20.59	/	Pass
	836.5	Outer_Full	19.14	20.66	/	Pass
	839	Outer_Full	19.13	20.60	/	Pass
CP-OFDM 256 QAM	834	Outer_Full	19.19	20.69	/	Pass
	836.5	Outer_Full	19.19	20.66	/	Pass
	839	Outer_Full	19.17	20.68	/	Pass

3.2 Test Graph

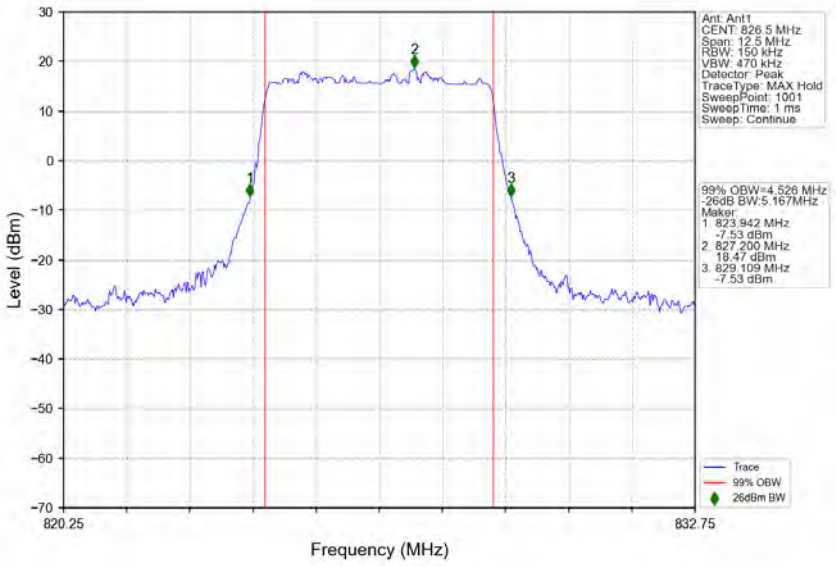
3.2.1 15k_SISO_5MHz_NTNV

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_826.5MHz_Outer_Full

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_836.5MHz_Outer_Full


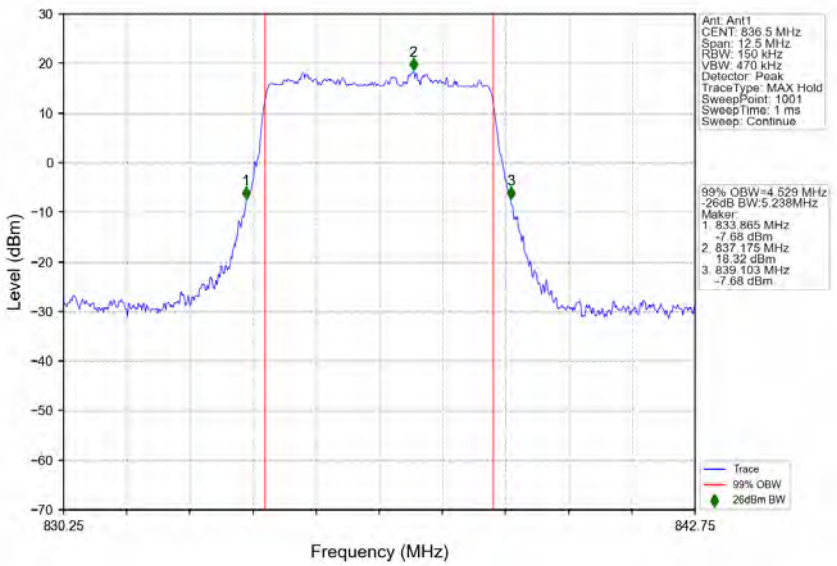
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_846.5MHz_Outer_Full



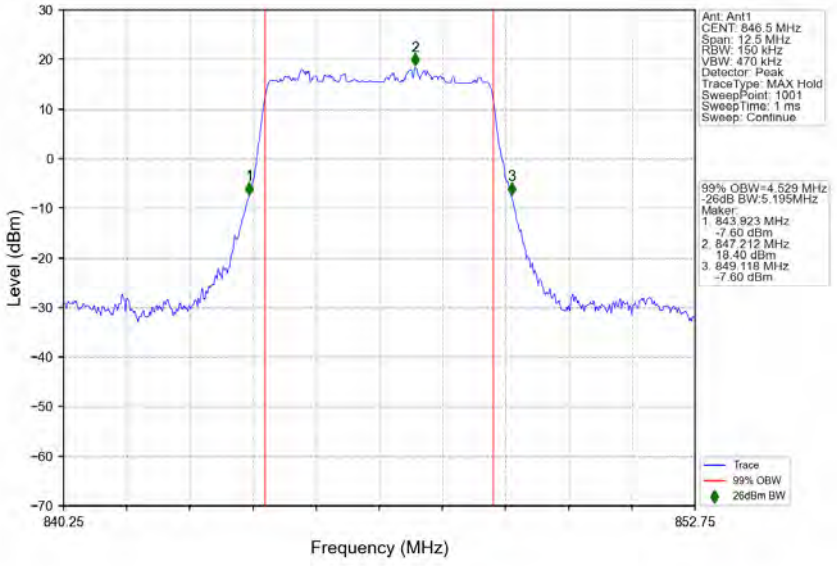
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_826.5MHz_Outer_Full



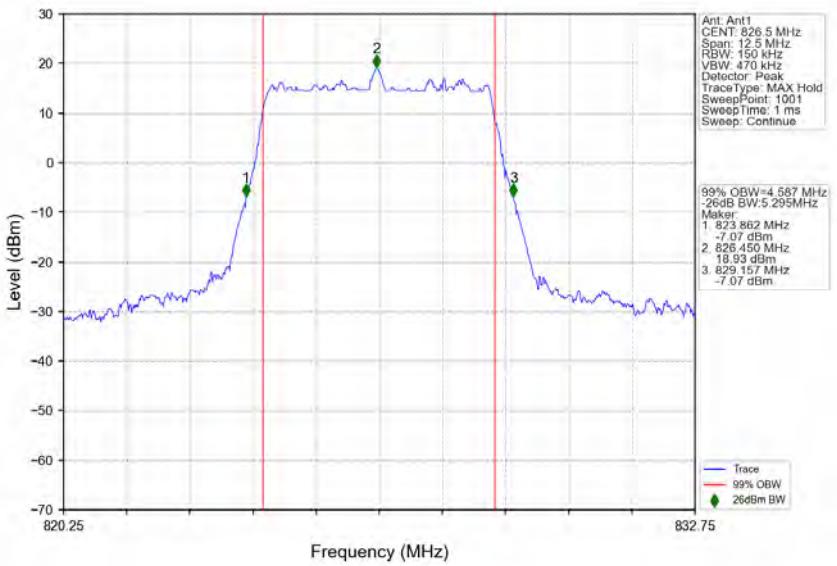
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_836.5MHz_Outer_Full



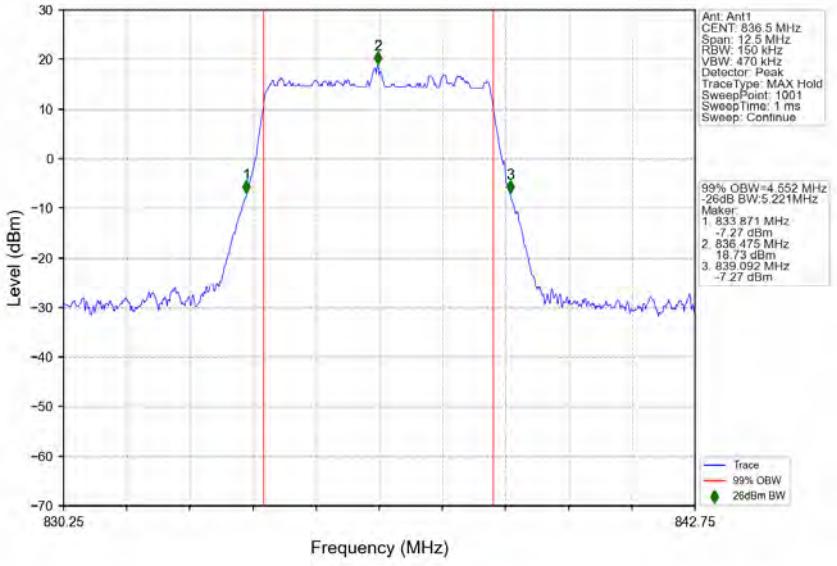
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_846.5MHz_Outer_Full



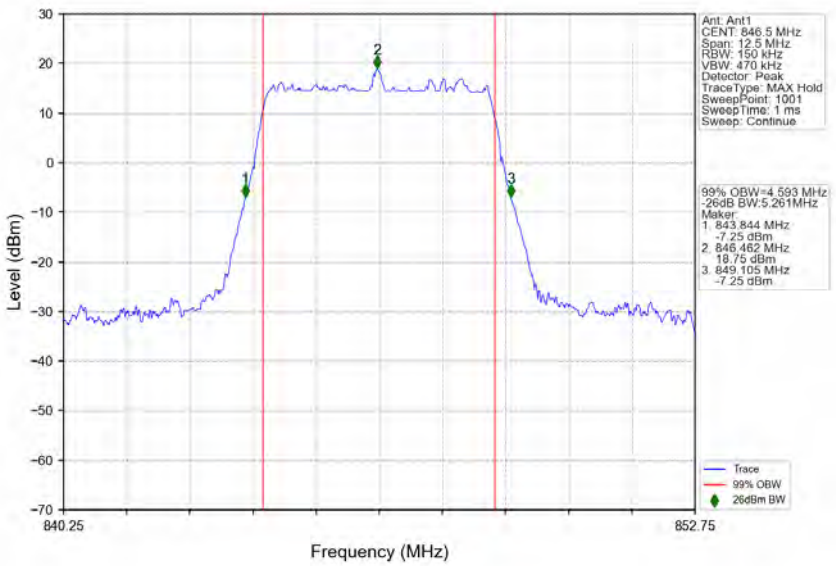
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 16 QAM_826.5MHz_Outer_Full



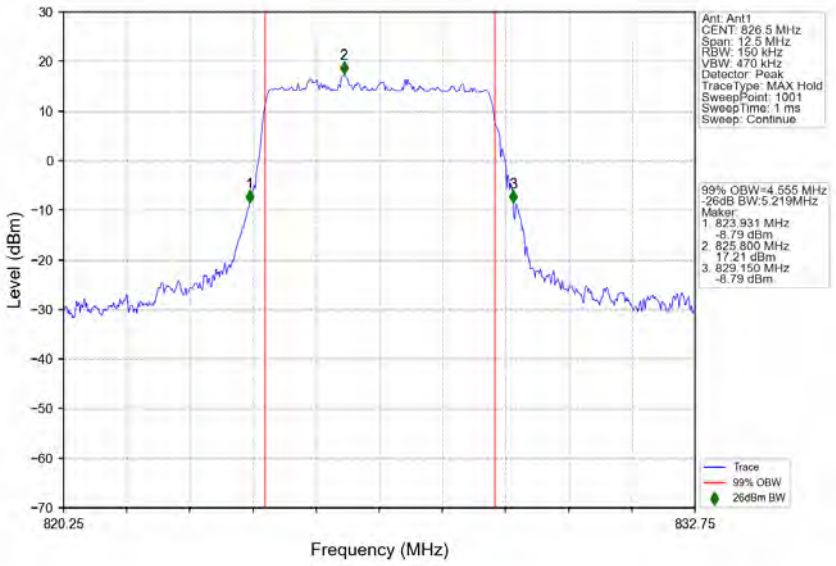
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 16 QAM_836.5MHz_Outer_Full



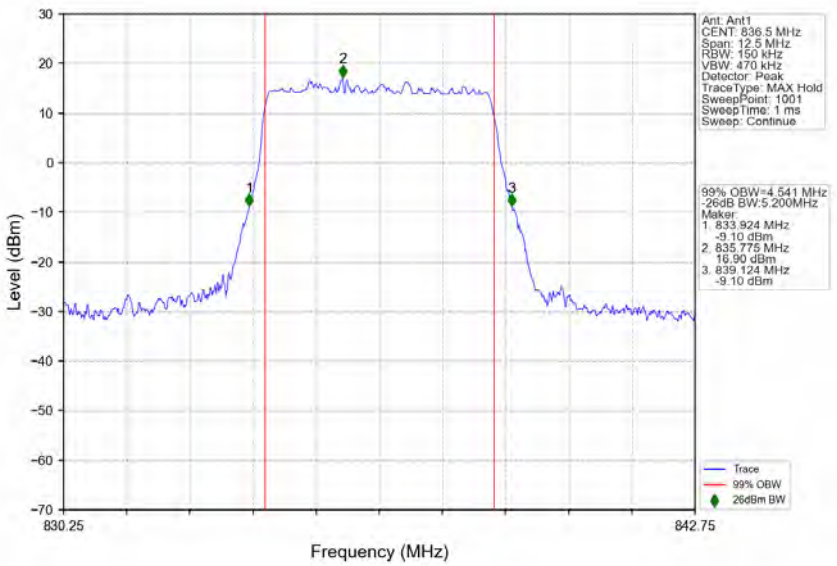
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 16 QAM_846.5MHz_Outer_Full



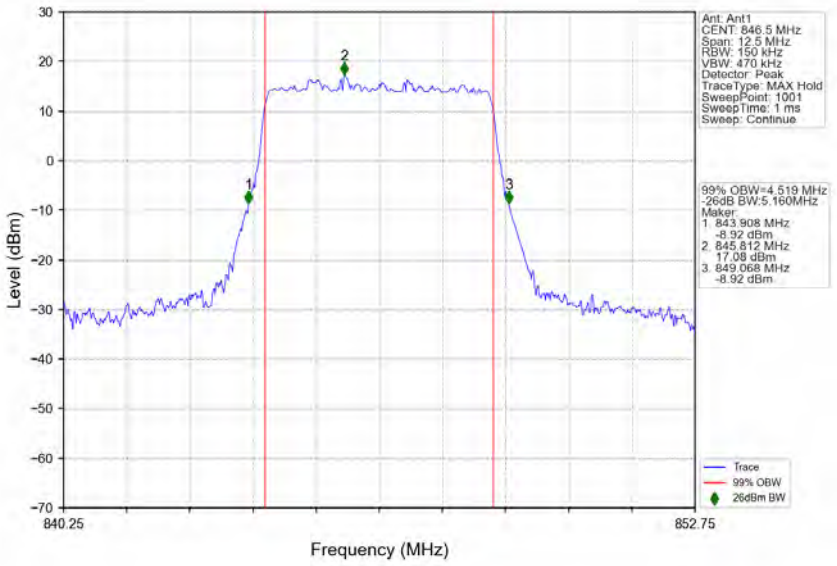
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 64 QAM_826.5MHz_Outer_Full



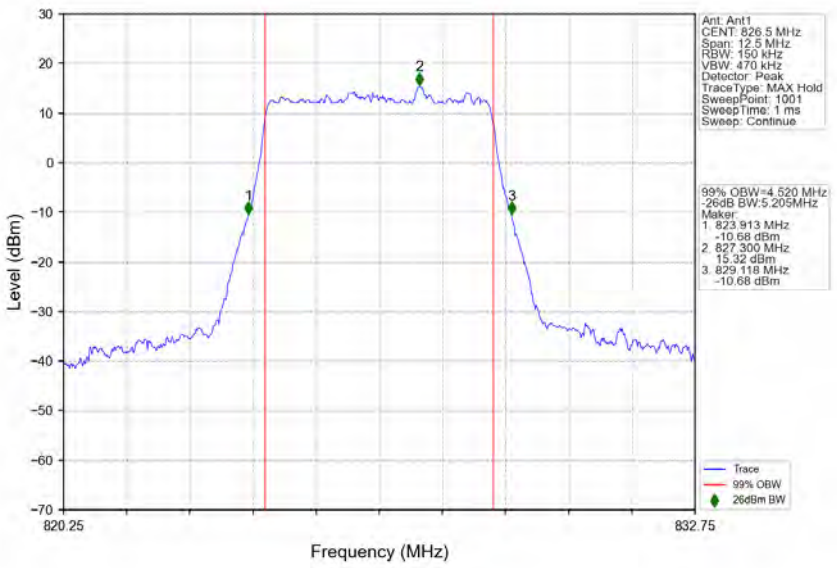
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 64 QAM_836.5MHz_Outer_Full



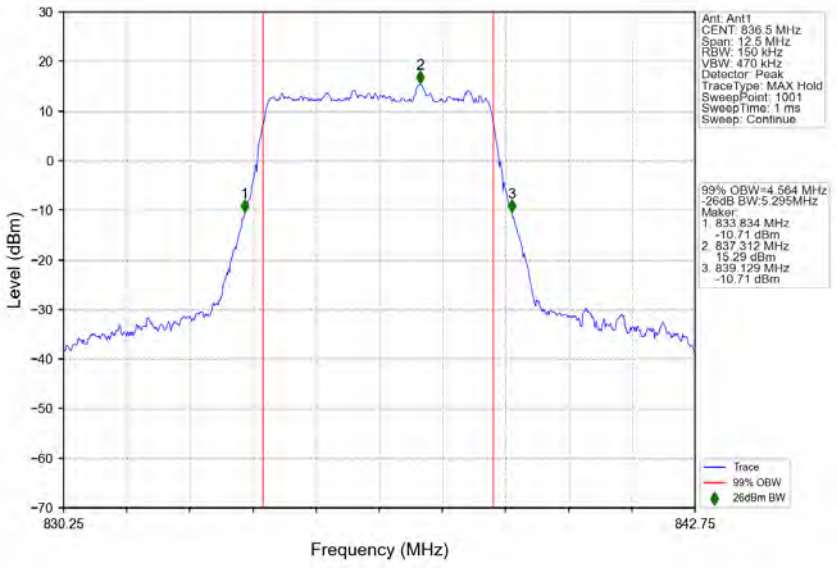
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 64 QAM_846.5MHz_Outer_Full



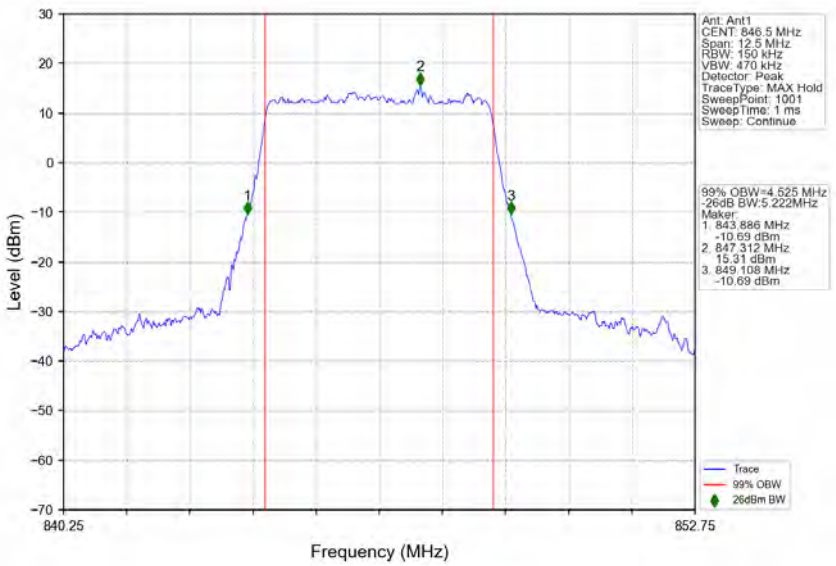
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 256 QAM_826.5MHz_Outer_Full



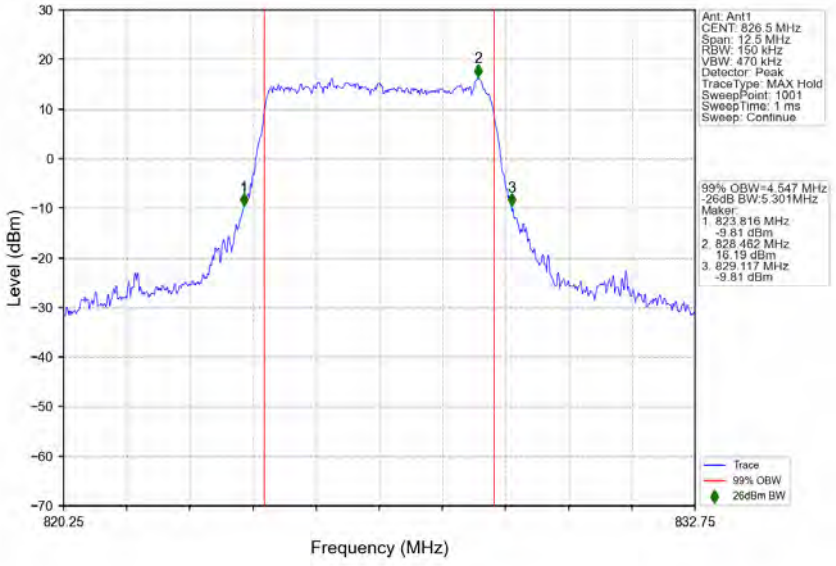
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 256 QAM_836.5MHz_Outer_Full



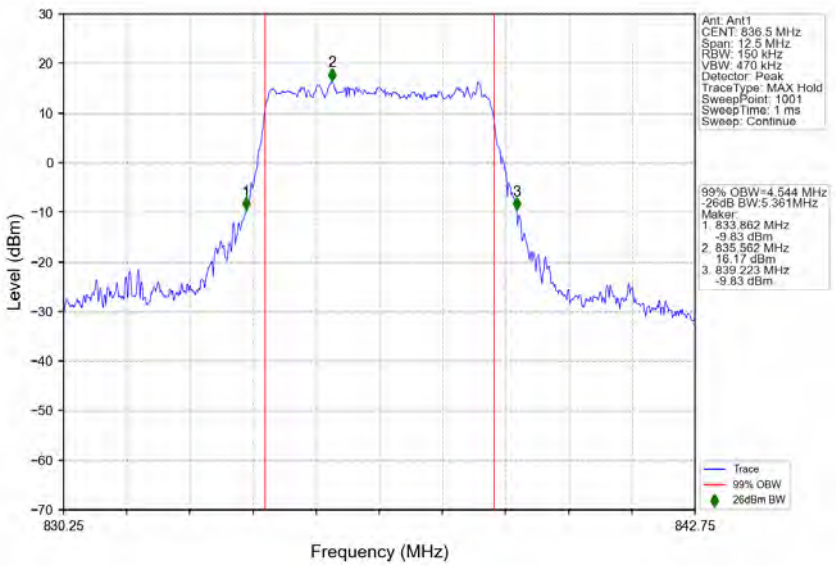
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 256 QAM_846.5MHz_Outer_Full



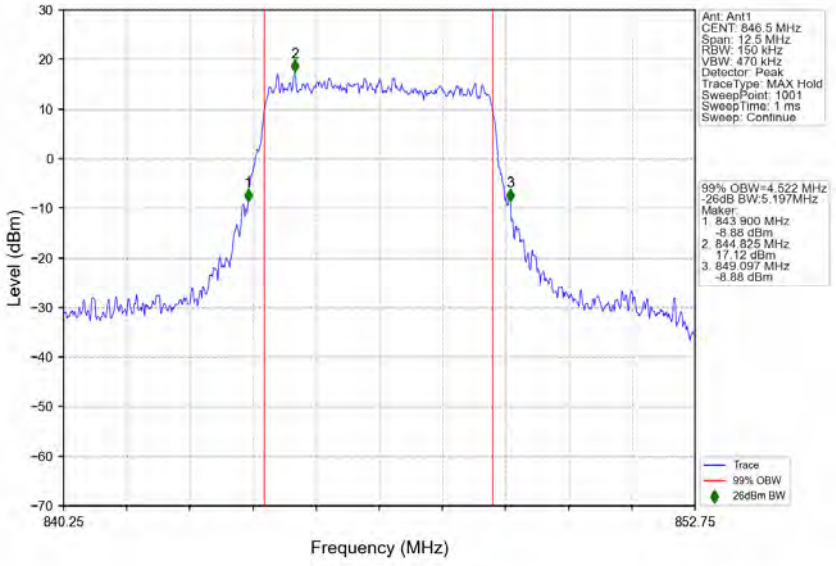
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_826.5MHz_Outer_Full



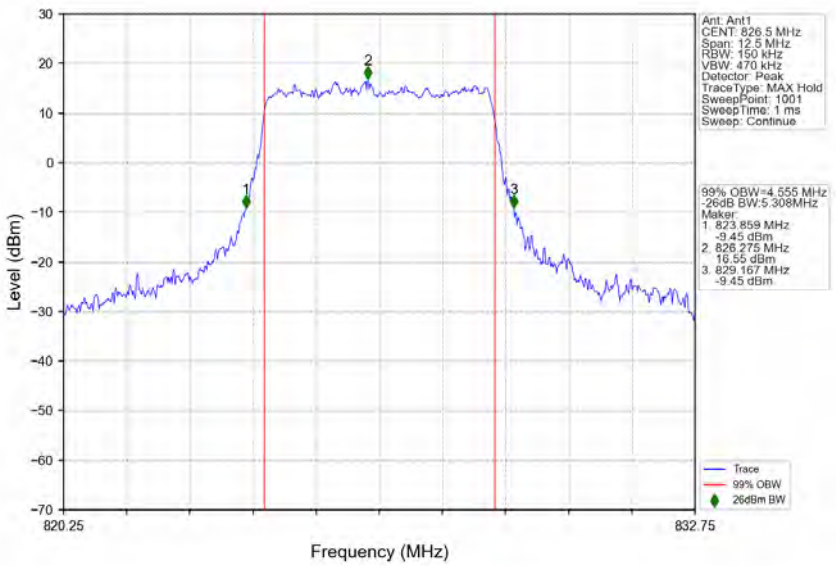
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_836.5MHz_Outer_Full



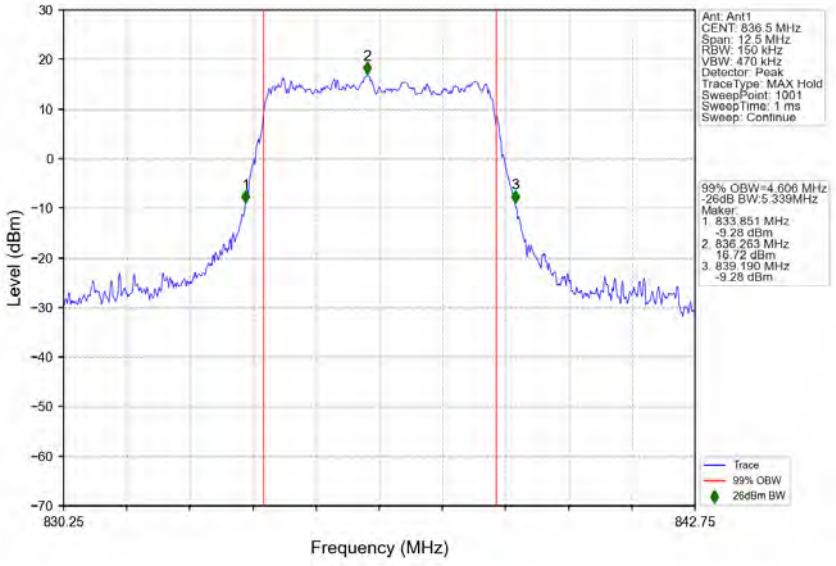
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_846.5MHz_Outer_Full



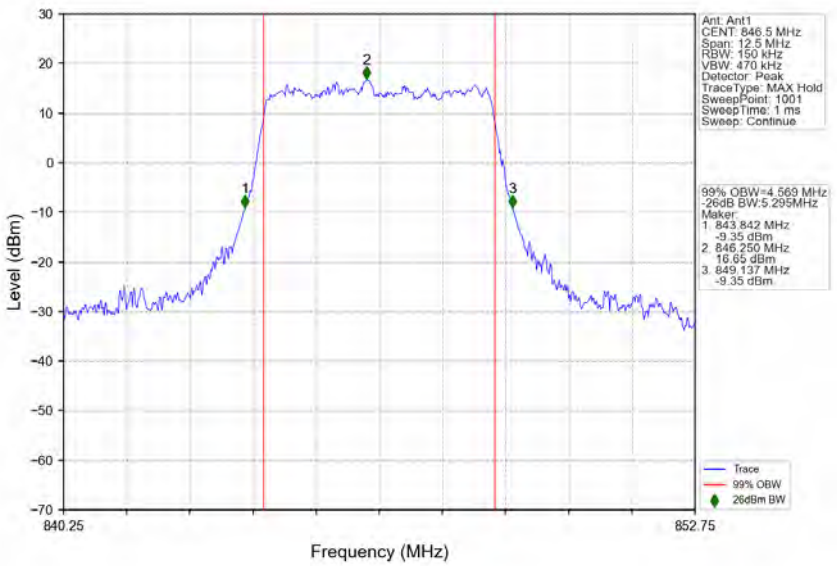
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM 16 QAM_826.5MHz_Outer_Full



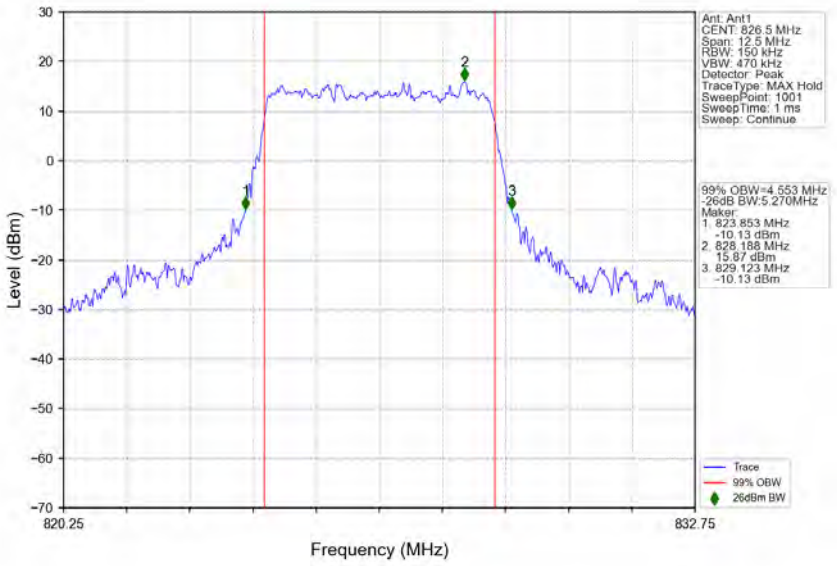
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM 16 QAM_836.5MHz_Outer_Full



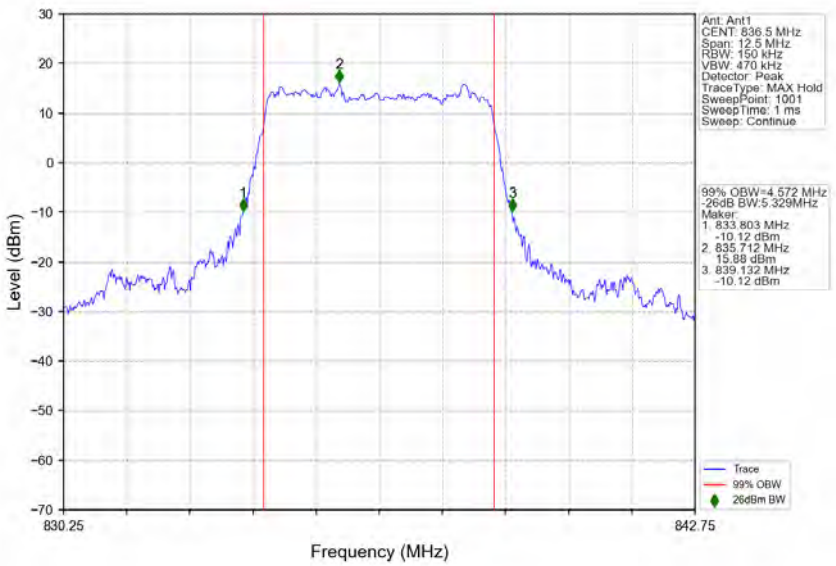
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM 16 QAM_846.5MHz_Outer_Full



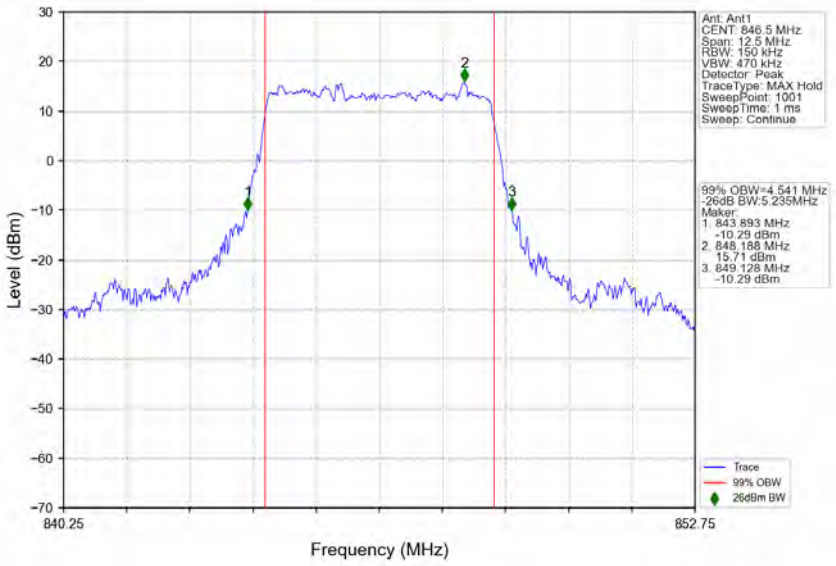
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM 64 QAM_826.5MHz_Outer_Full



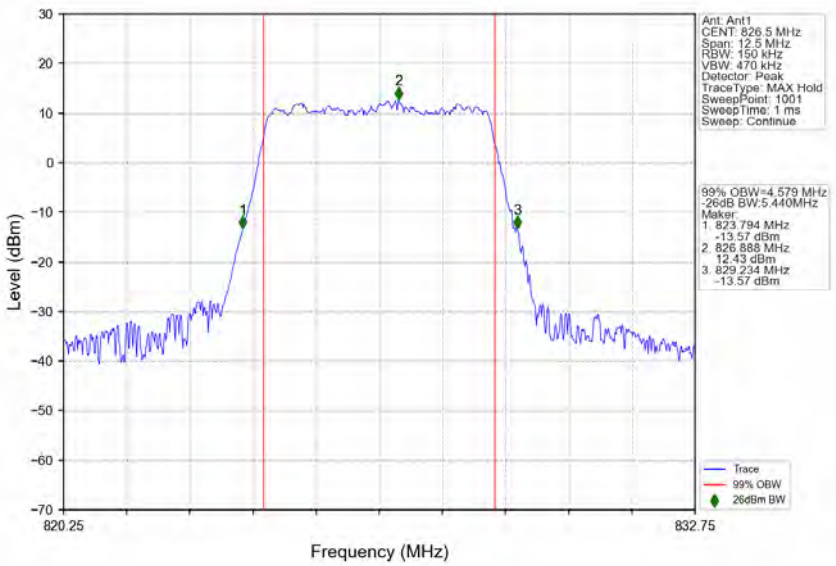
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM 64 QAM_836.5MHz_Outer_Full



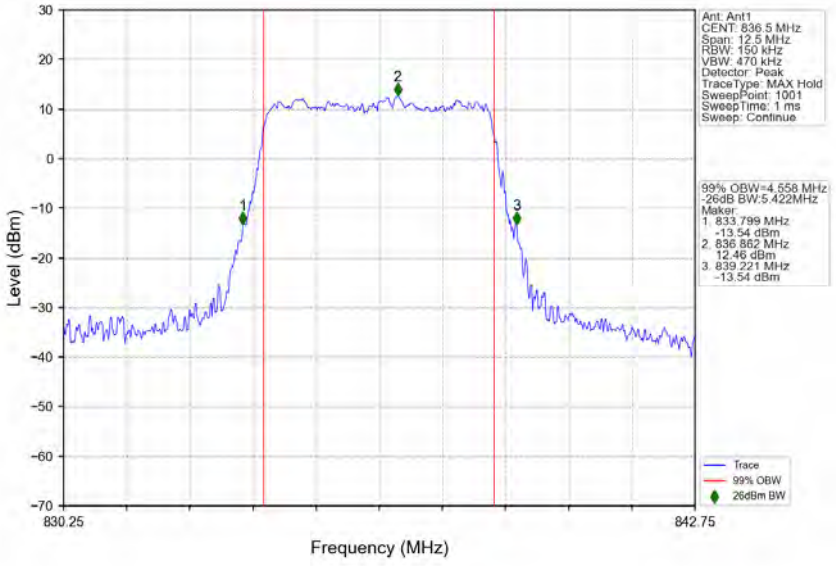
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM 64 QAM_846.5MHz_Outer_Full



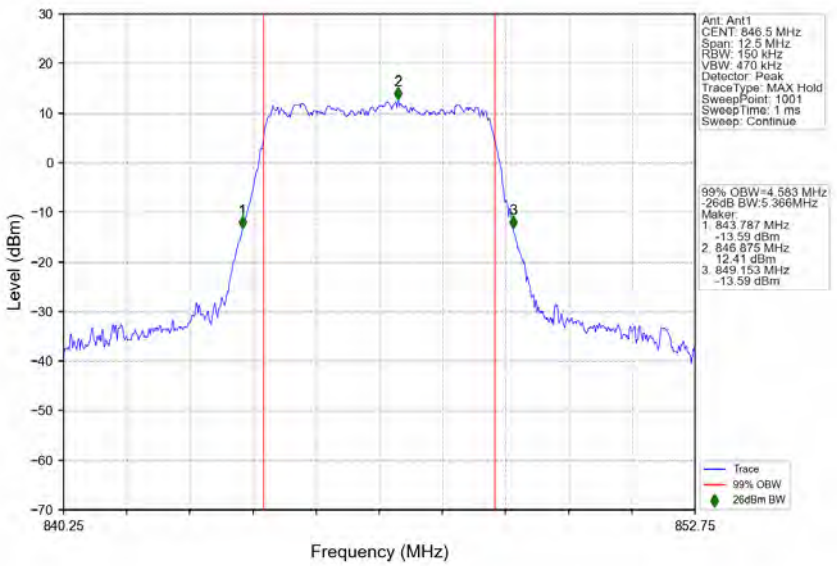
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM 256 QAM_826.5MHz_Outer_Full



n5_15kHz_SISO_NTNV_5MHz_CP-OFDM 256 QAM_836.5MHz_Outer_Full

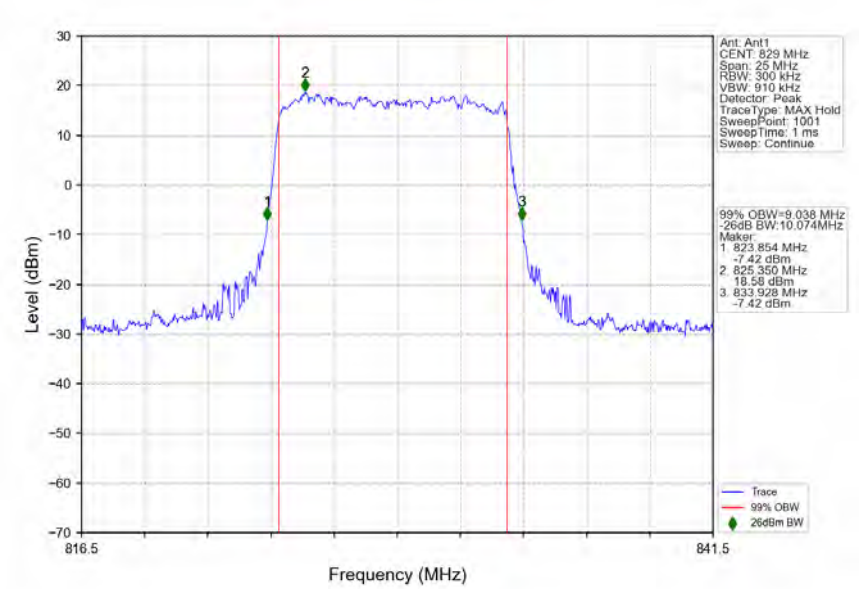


n5_15kHz_SISO_NTNV_5MHz_CP-OFDM 256 QAM_846.5MHz_Outer_Full

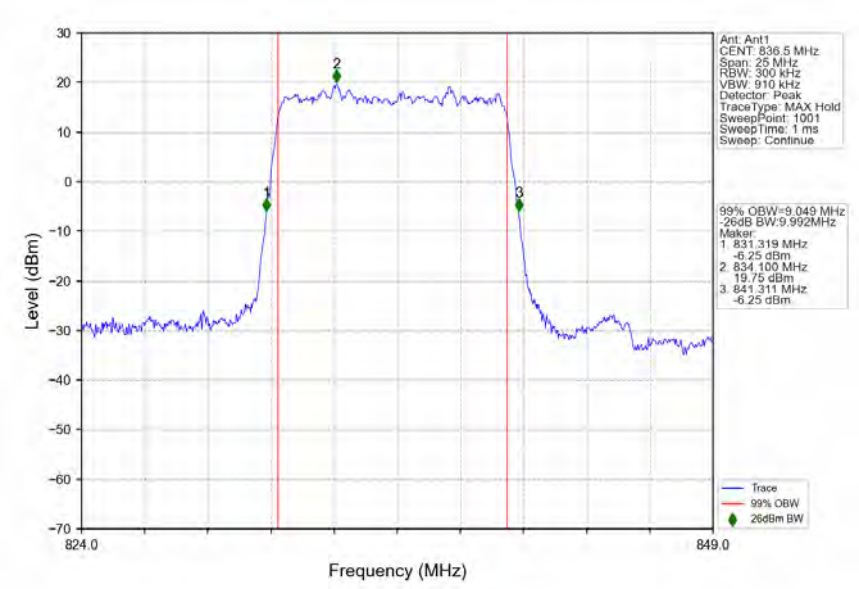


3.2.2 15k_SISO_10MHz_NTNV

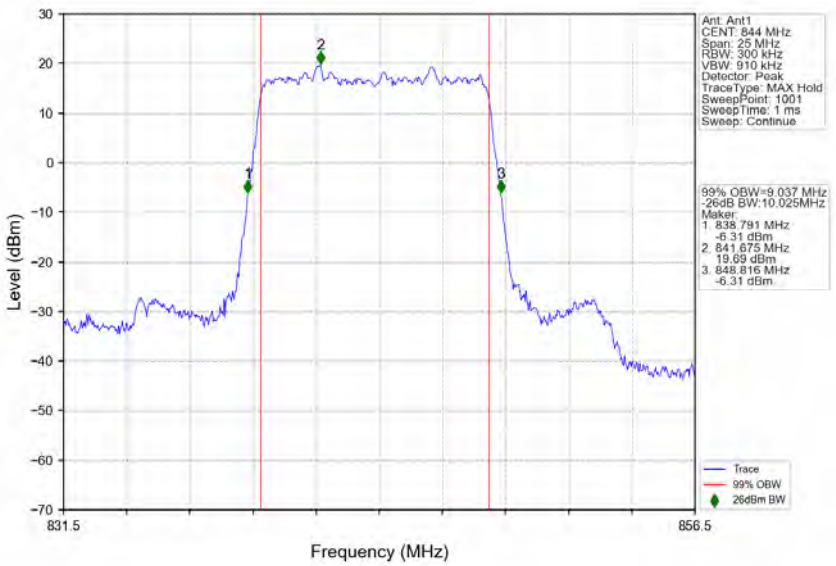
n5_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_829MHz_Outer_Full



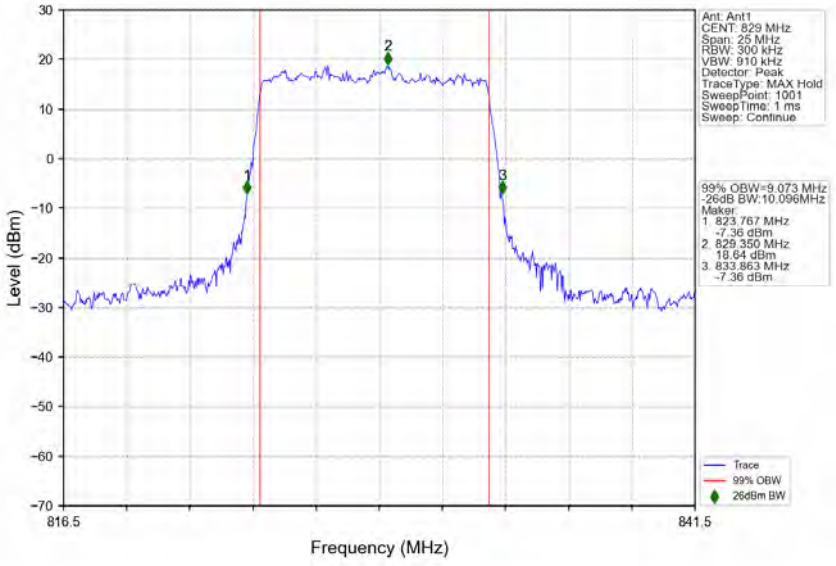
n5_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_836.5MHz_Outer_Full



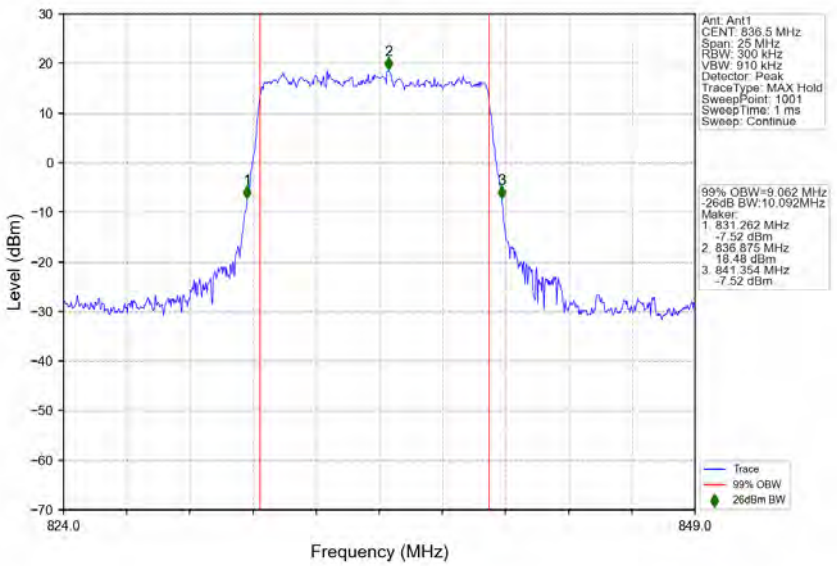
n5_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_844MHz_Outer_Full



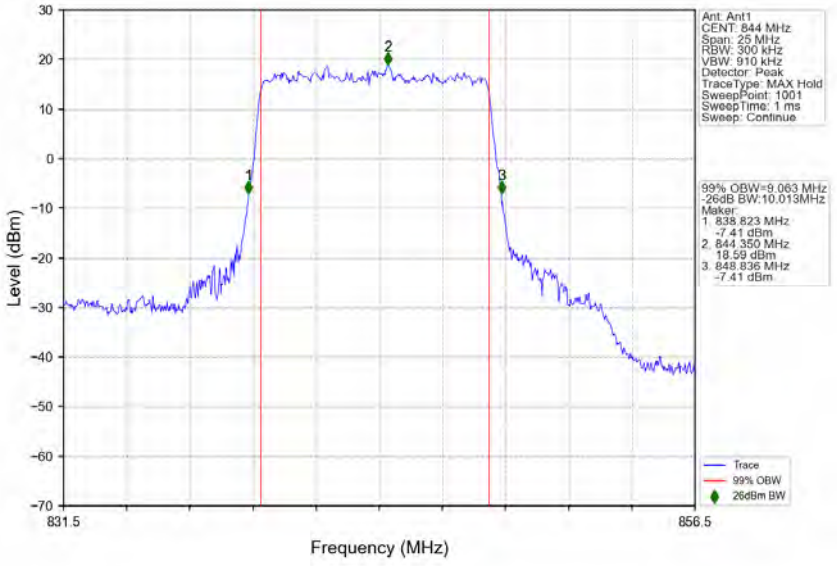
n5_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_829MHz_Outer_Full



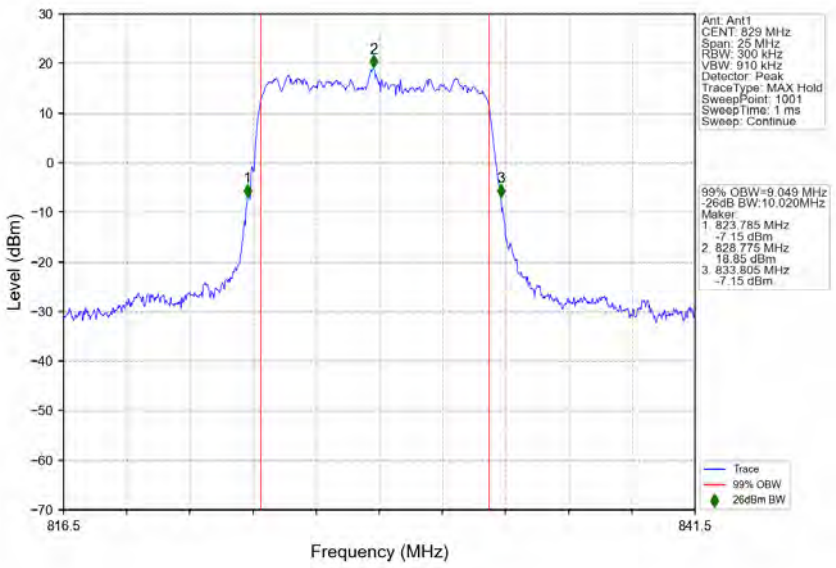
n5_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_836.5MHz_Outer_Full



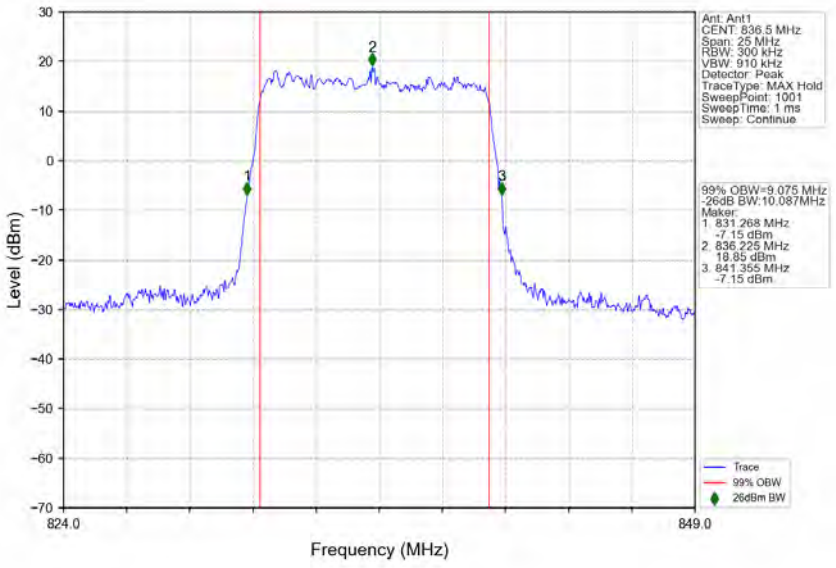
n5_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_844MHz_Outer_Full



n5_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 16 QAM_829MHz_Outer_Full



n5_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 16 QAM_836.5MHz_Outer_Full



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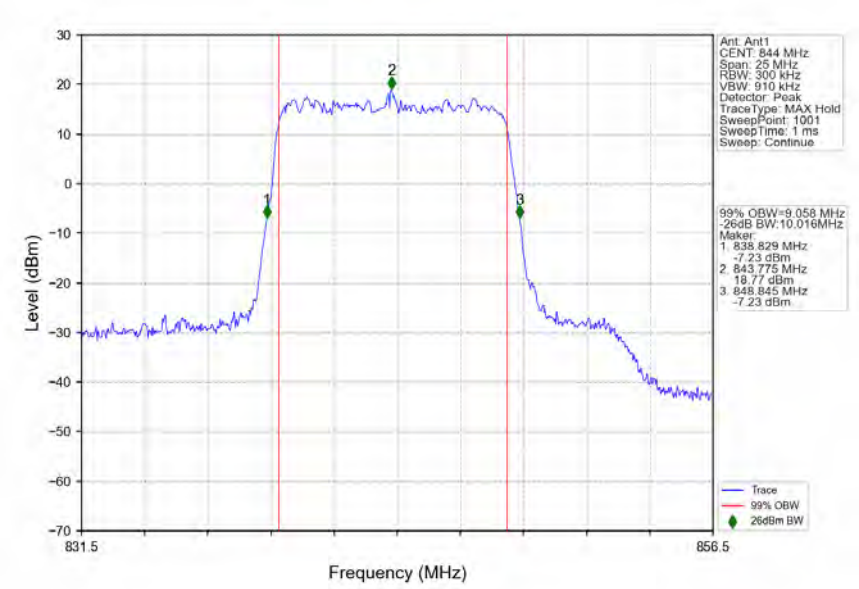
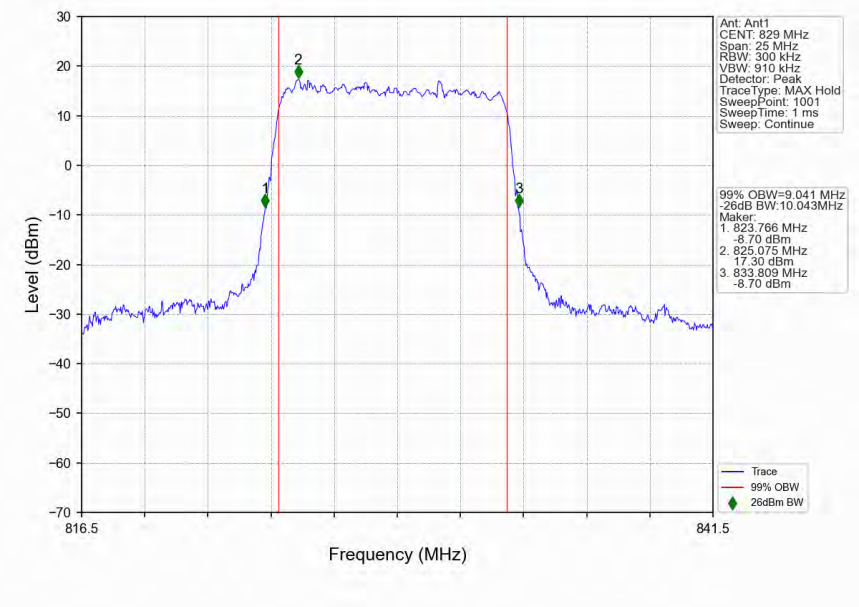


n5_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 64 QAM_829MHz_Outer_Full



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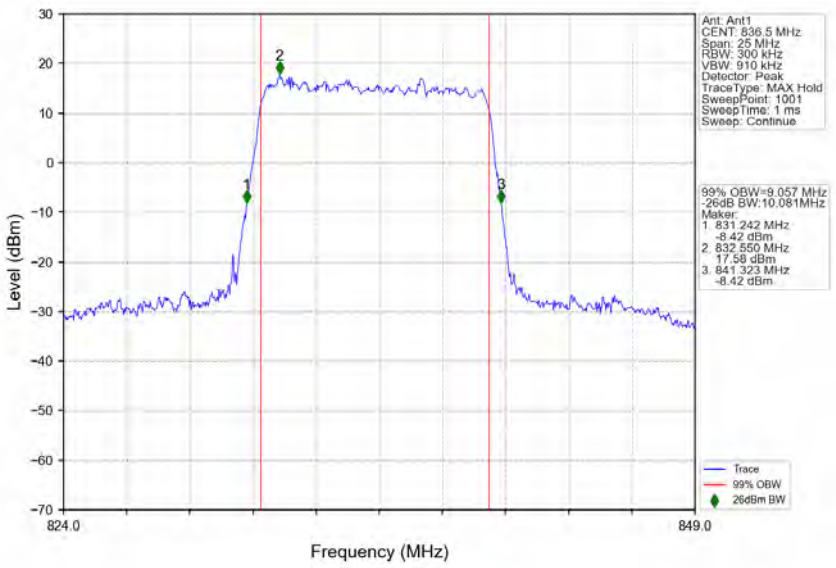
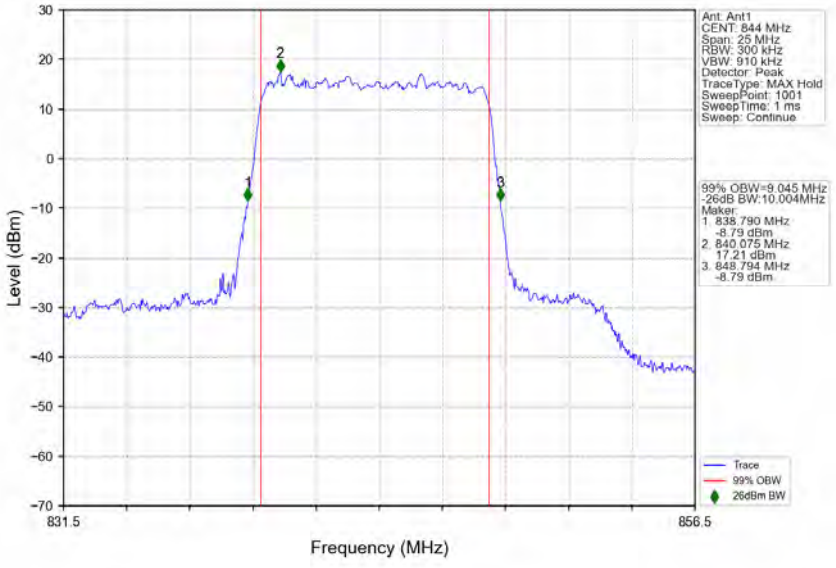
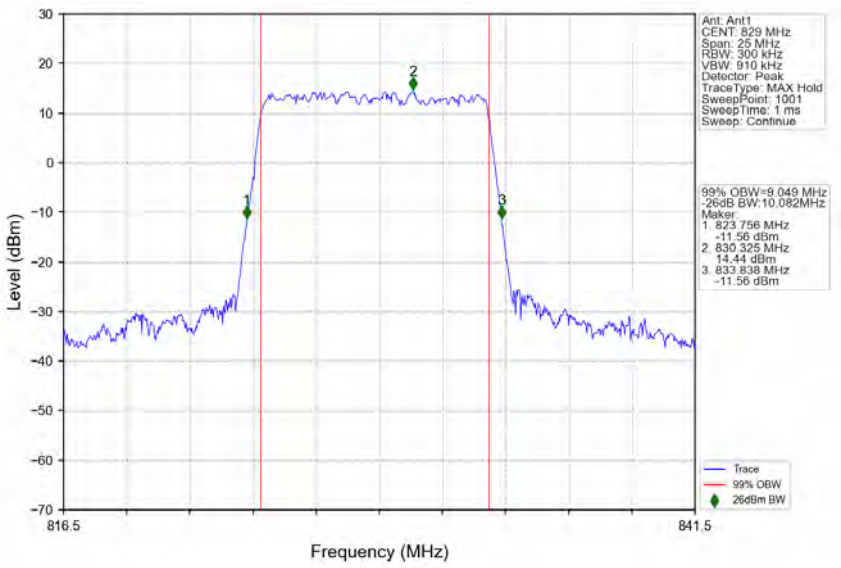


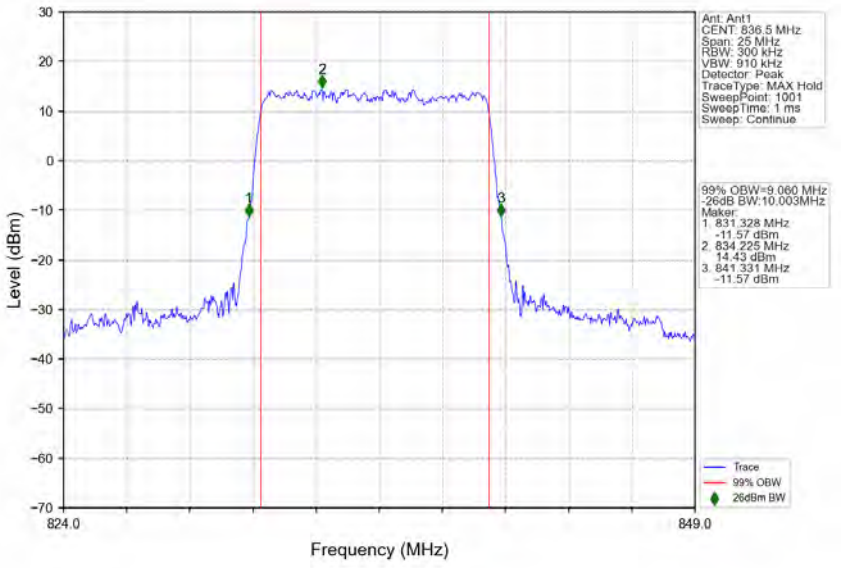
n5_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 64 QAM_844MHz_Outer_Full



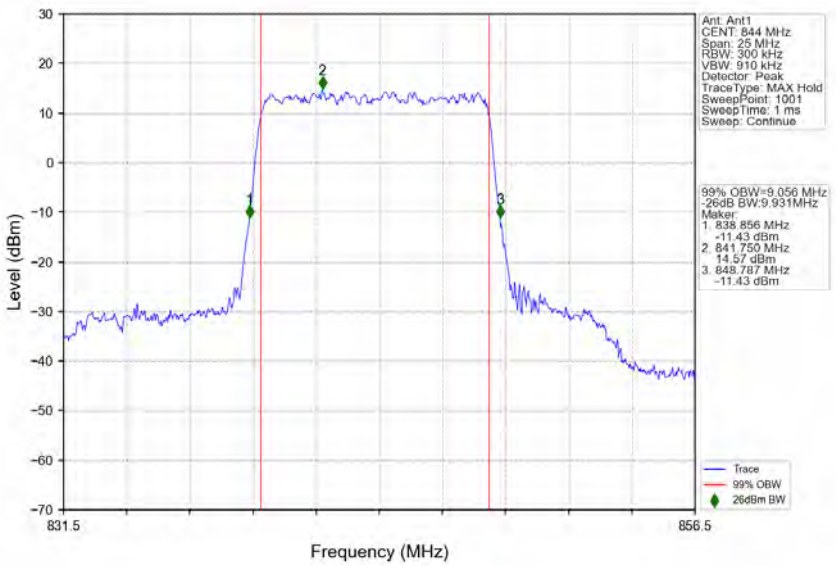
n5_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 256 QAM_829MHz_Outer_Full



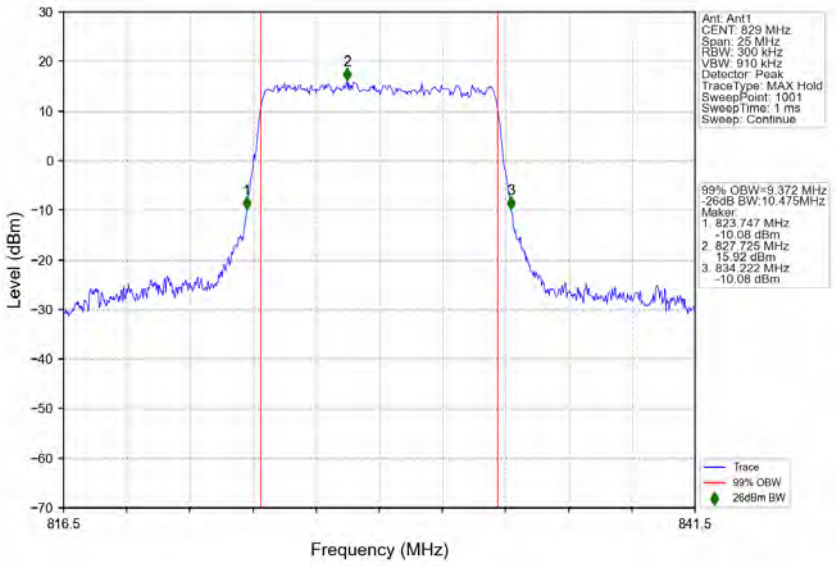
n5_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 256 QAM_836.5MHz_Outer_Full



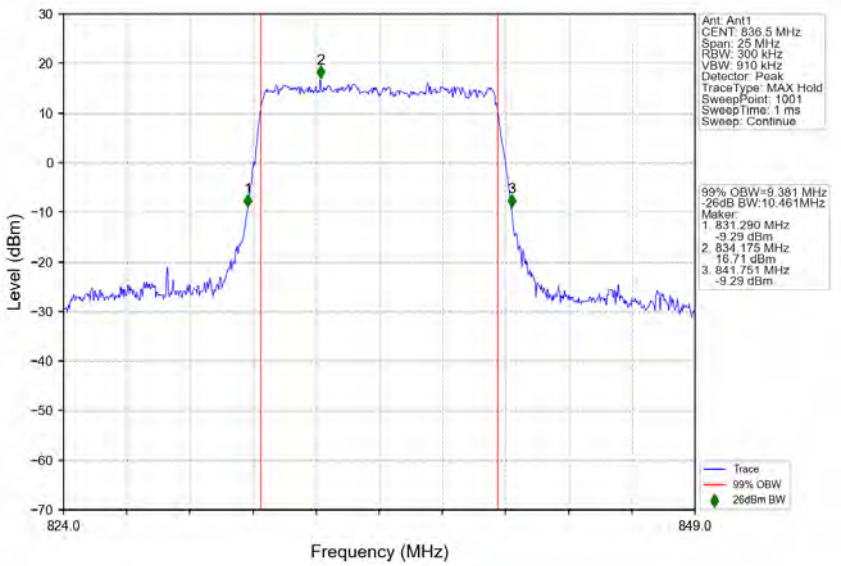
n5_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 256 QAM_844MHz_Outer_Full



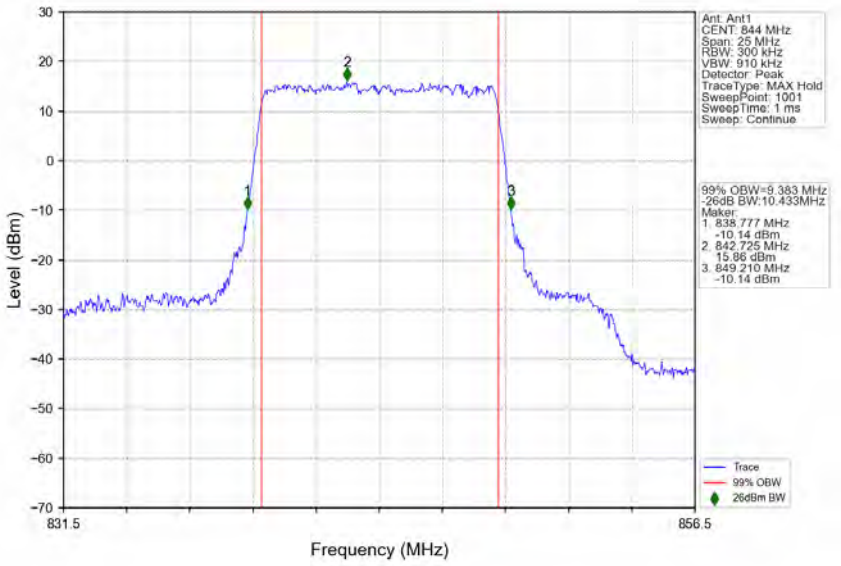
n5_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_829MHz_Outer_Full



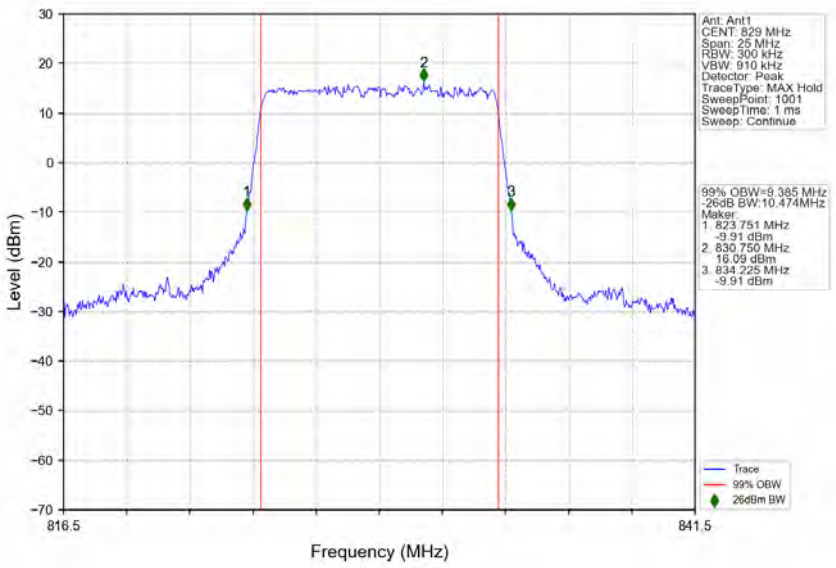
n5_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_836.5MHz_Outer_Full



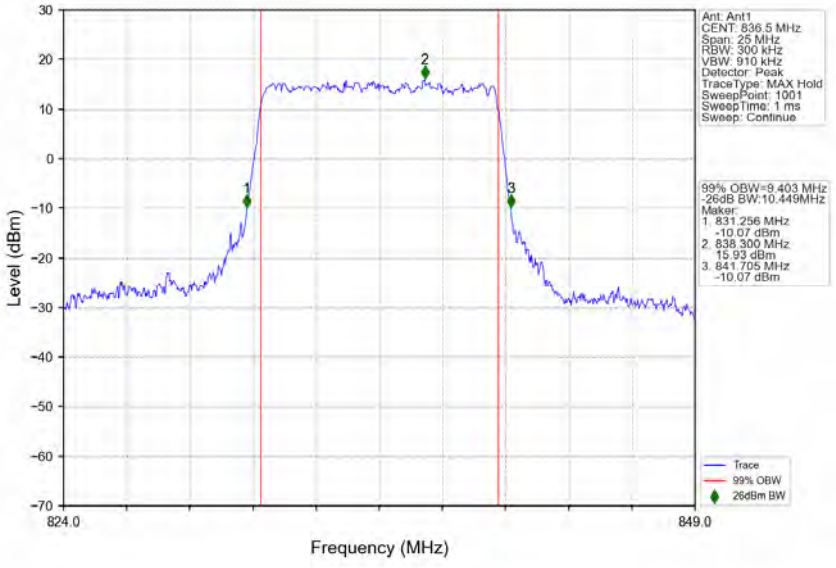
n5_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_844MHz_Outer_Full



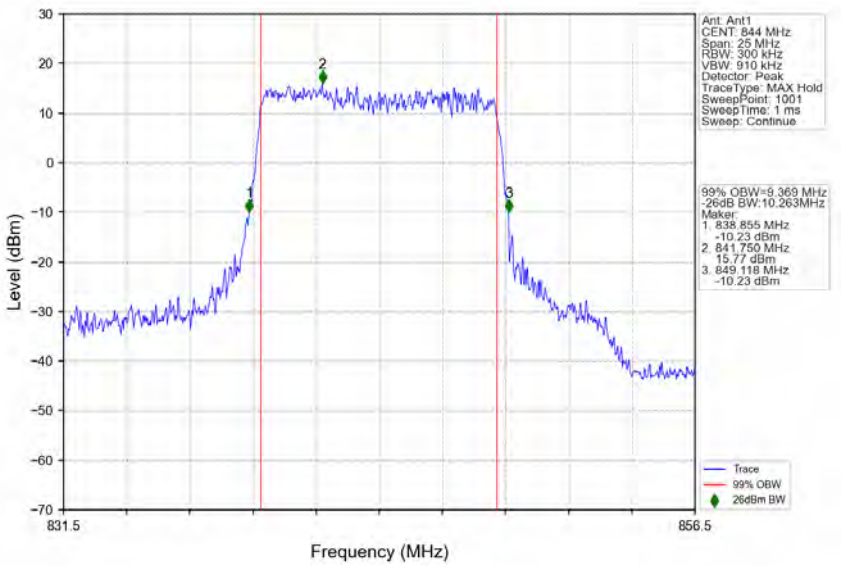
n5_15kHz_SISO_NTNV_10MHz_CP-OFDM 16 QAM_829MHz_Outer_Full



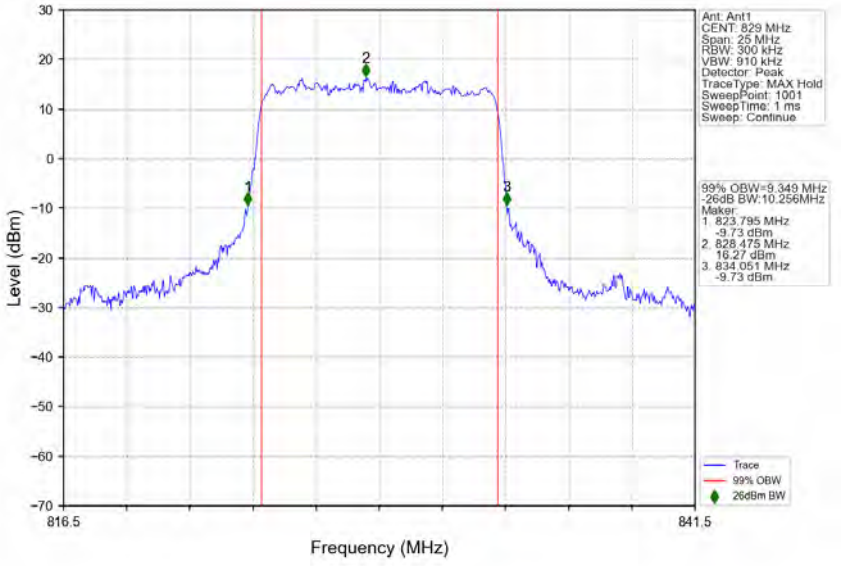
n5_15kHz_SISO_NTNV_10MHz_CP-OFDM 16 QAM_836.5MHz_Outer_Full



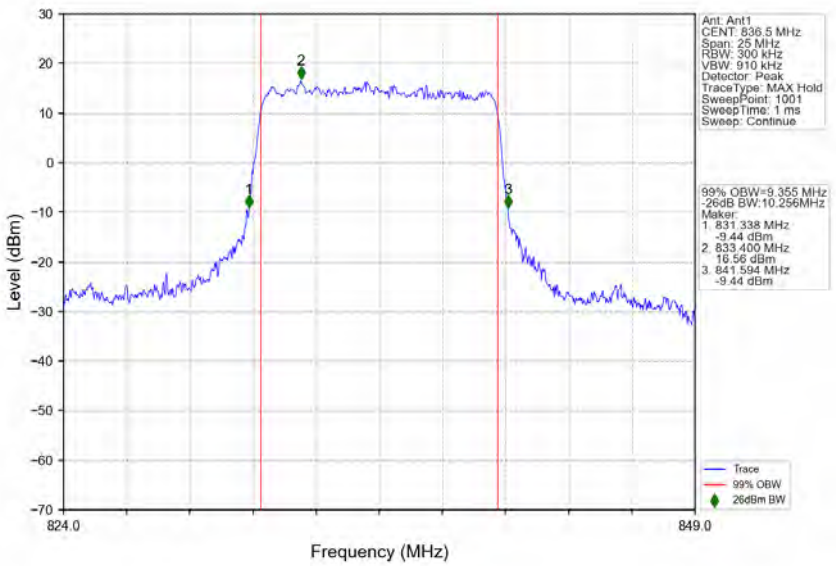
n5_15kHz_SISO_NTNV_10MHz_CP-OFDM 16 QAM_844MHz_Outer_Full



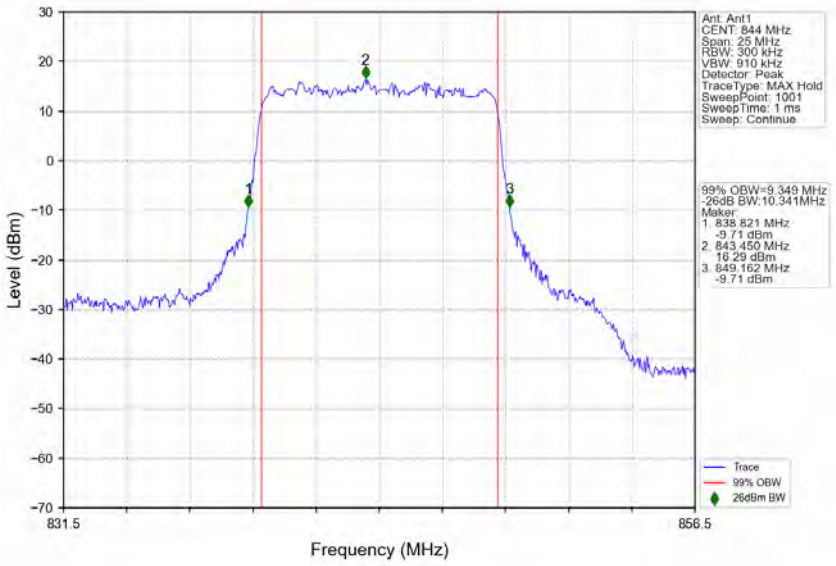
n5_15kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM_829MHz_Outer_Full



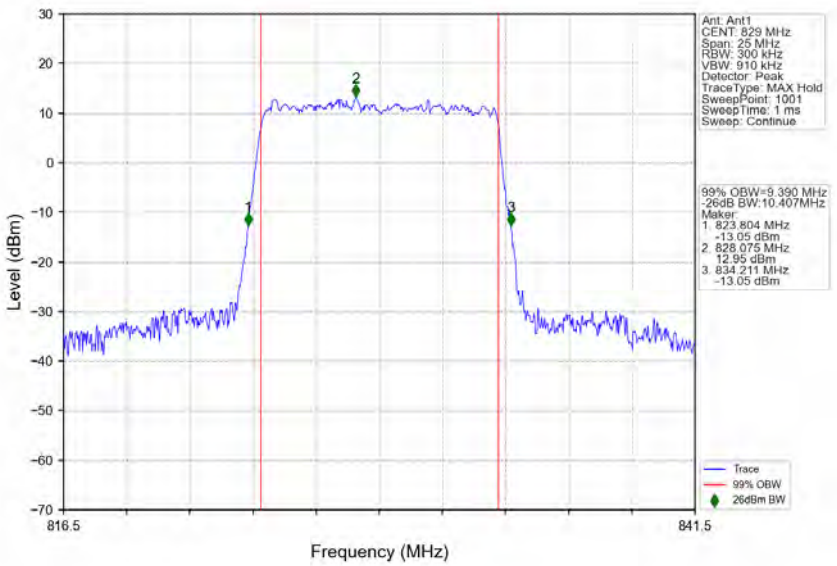
n5_15kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM_836.5MHz_Outer_Full



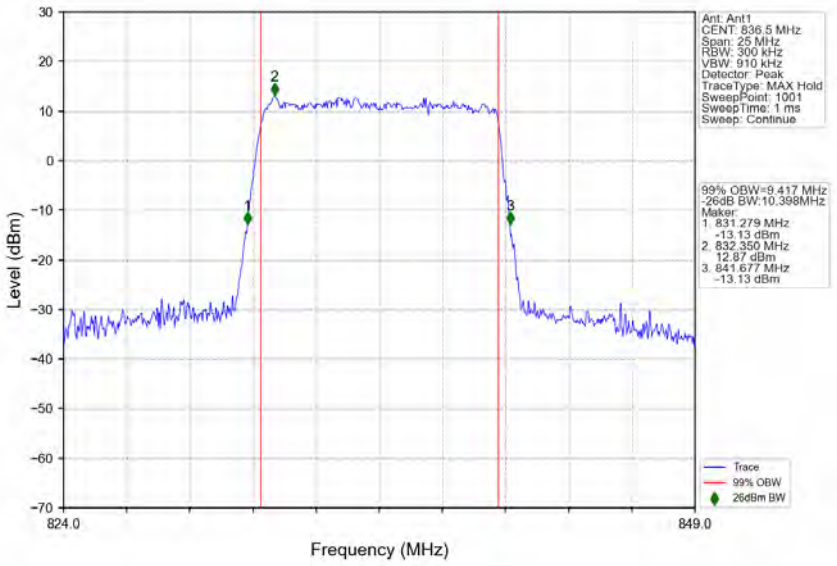
n5_15kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM_844MHz_Outer_Full



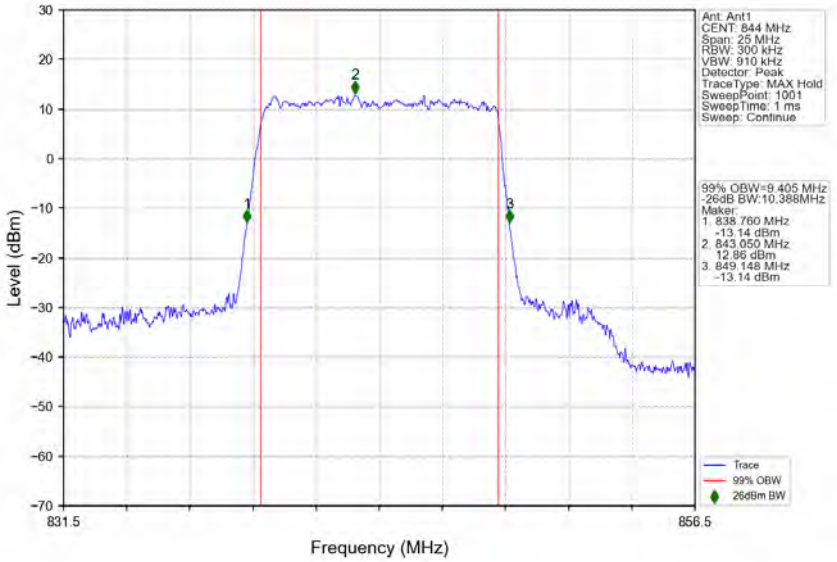
n5_15kHz_SISO_NTNV_10MHz_CP-OFDM 256 QAM_829MHz_Outer_Full



n5_15kHz_SISO_NTNV_10MHz_CP-OFDM 256 QAM_836.5MHz_Outer_Full

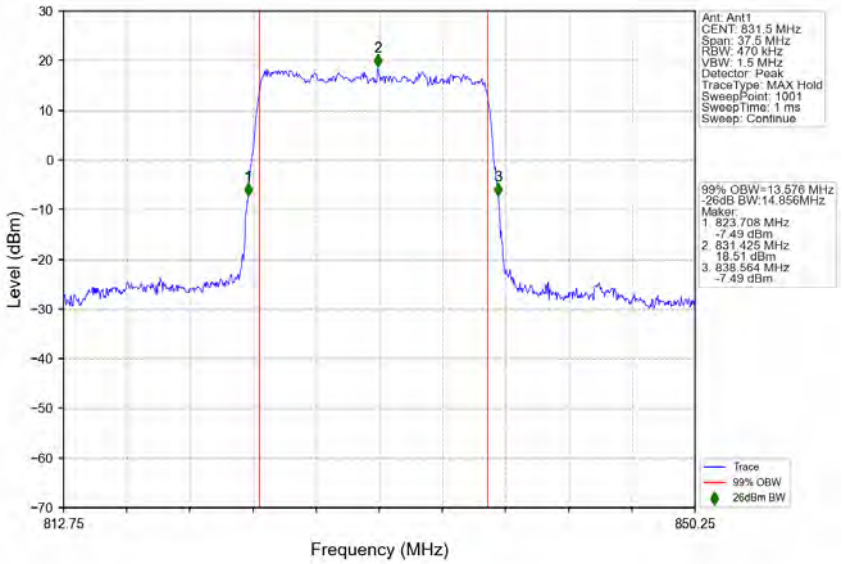


n5_15kHz_SISO_NTNV_10MHz_CP-OFDM 256 QAM_844MHz_Outer_Full

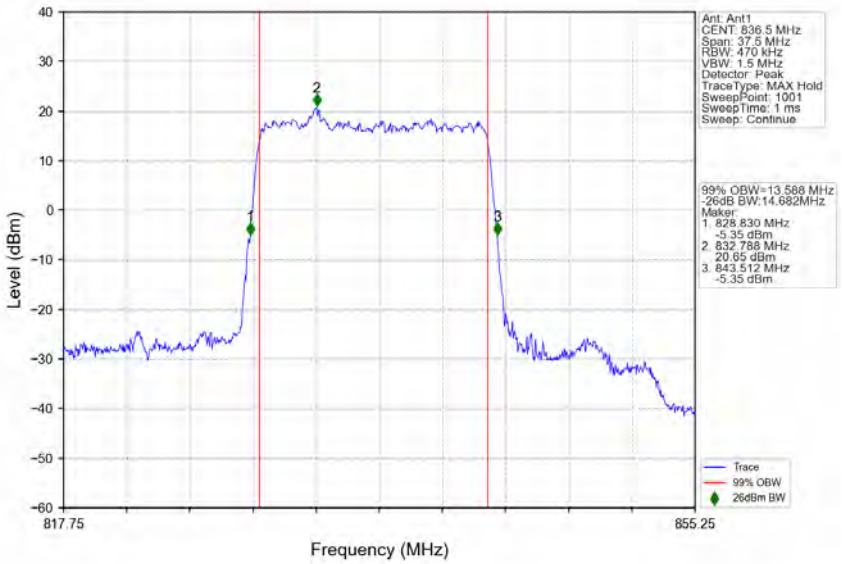


3.2.3 15k_SISO_15MHz_NTNV

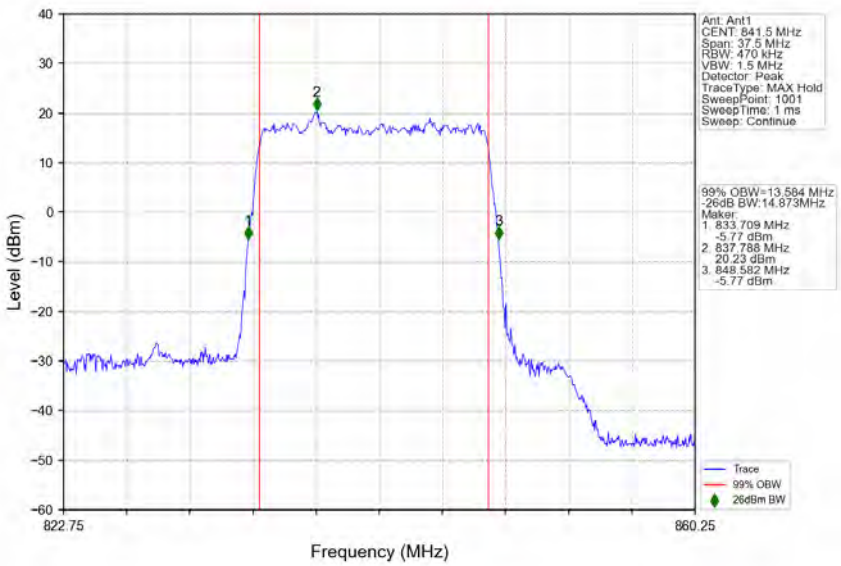
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_831.5MHz_Outer_Full



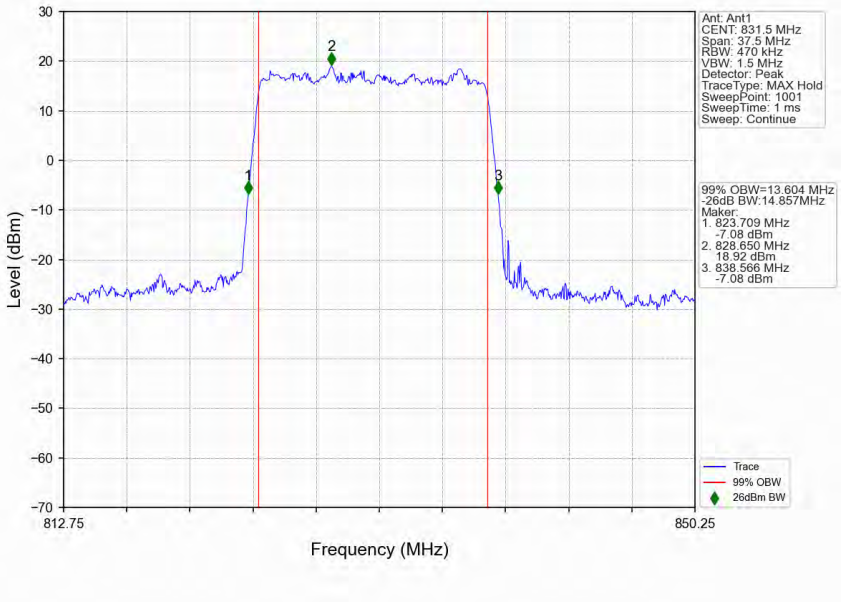
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_836.5MHz_Outer_Full



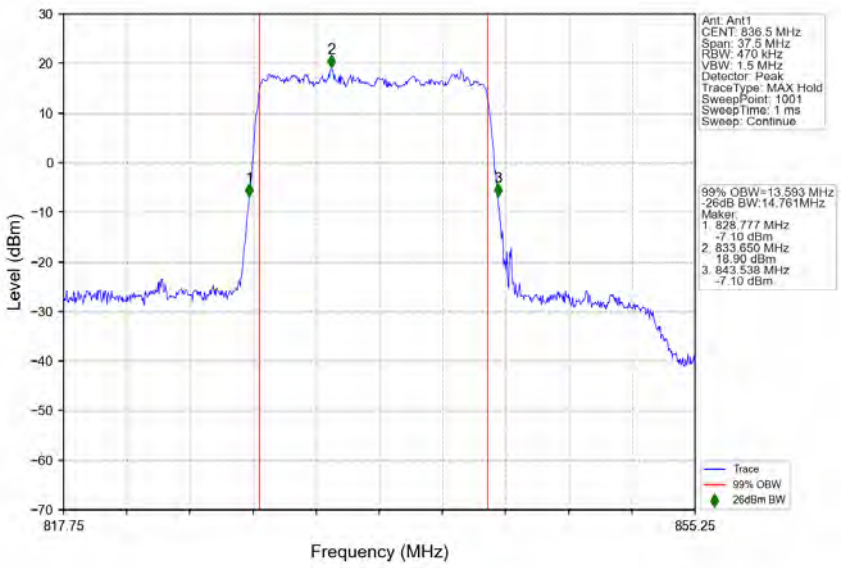
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_841.5MHz_Outer_Full



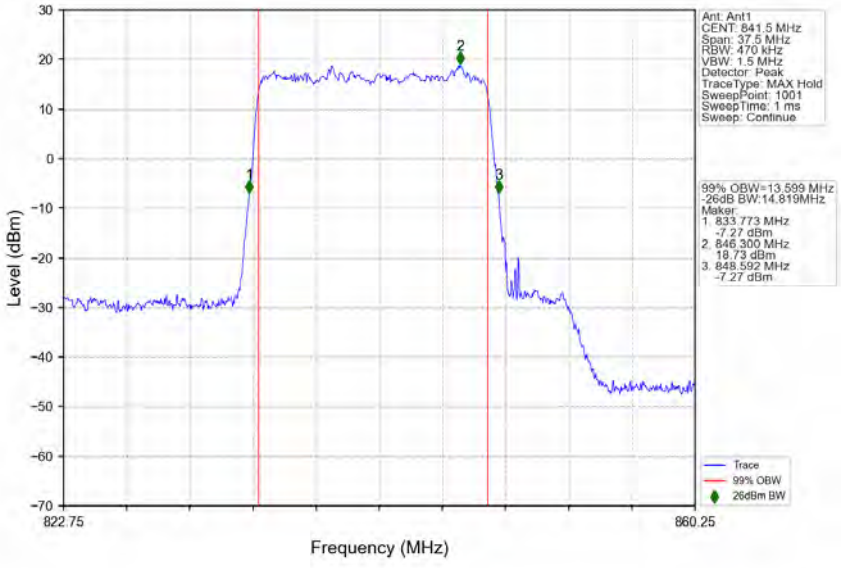
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_831.5MHz_Outer_Full



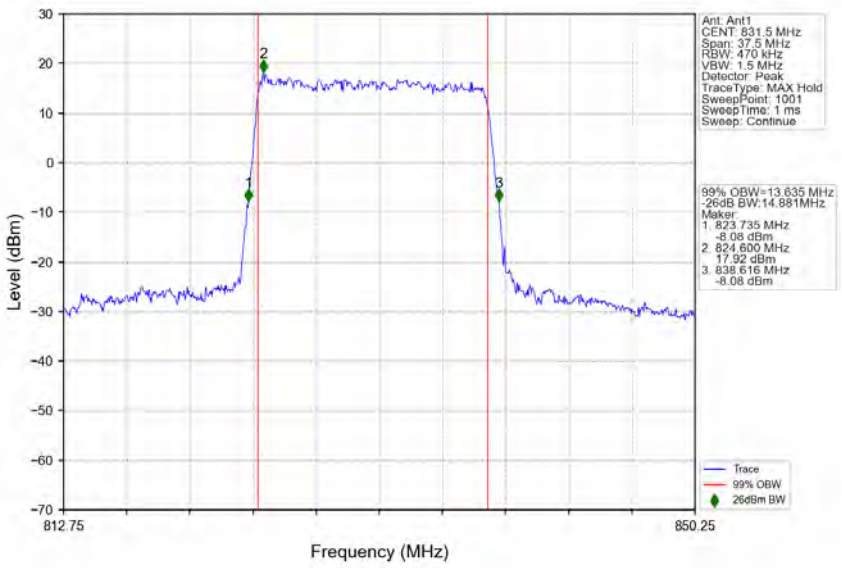
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_836.5MHz_Outer_Full



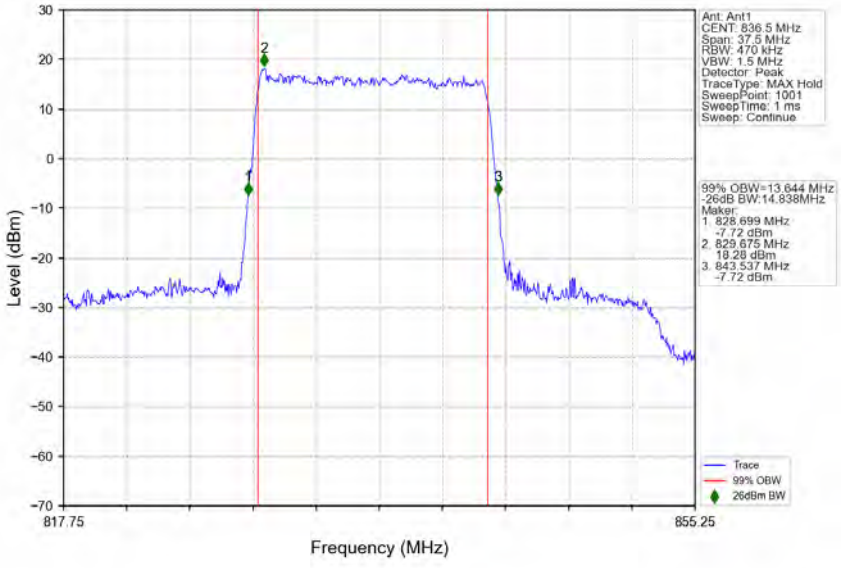
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_841.5MHz_Outer_Full



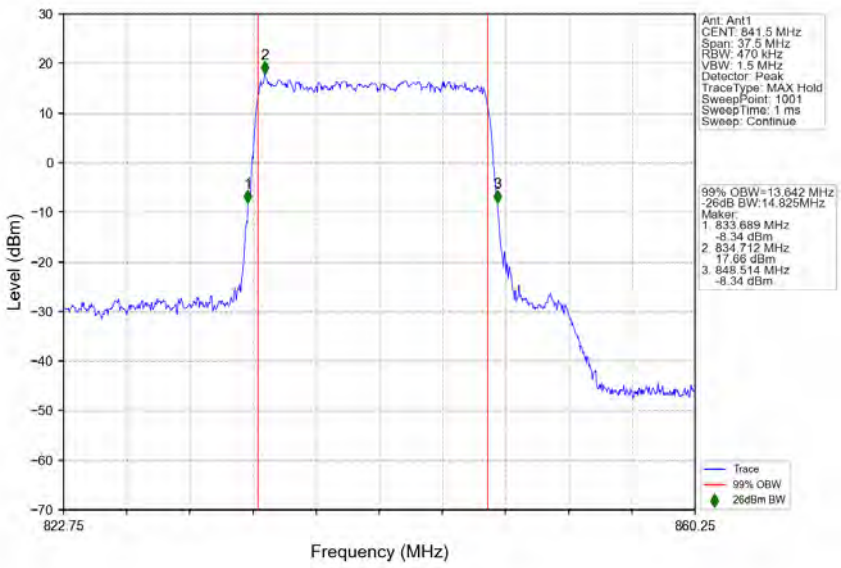
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 16 QAM_831.5MHz_Outer_Full



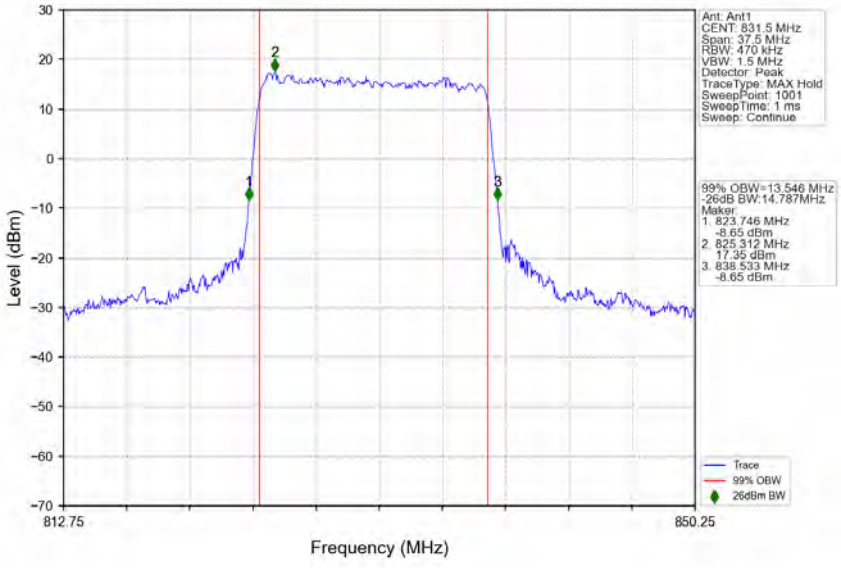
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 16 QAM_836.5MHz_Outer_Full



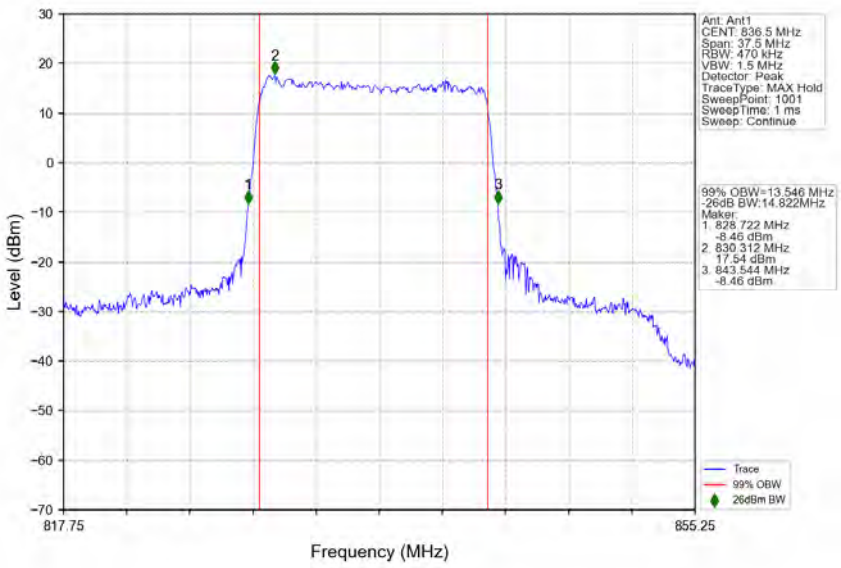
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 16 QAM_841.5MHz_Outer_Full



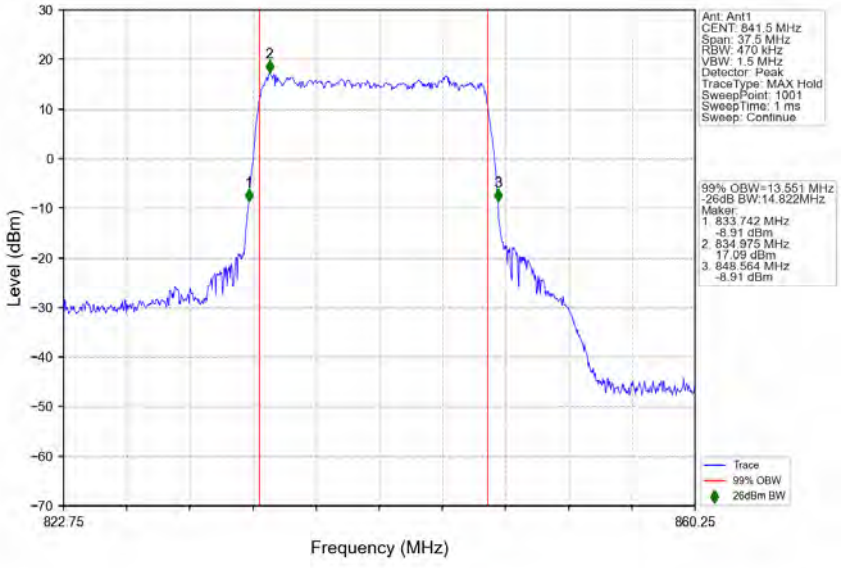
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 64 QAM_831.5MHz_Outer_Full



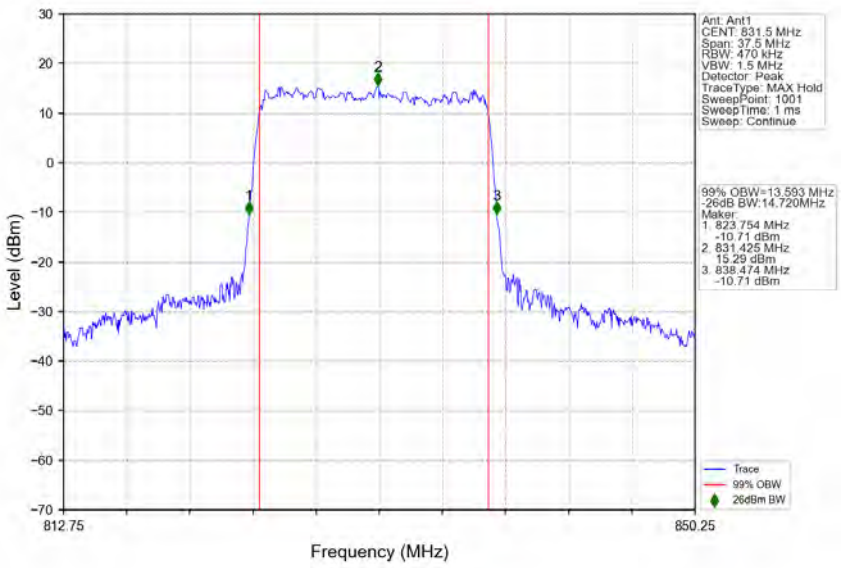
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 64 QAM_836.5MHz_Outer_Full



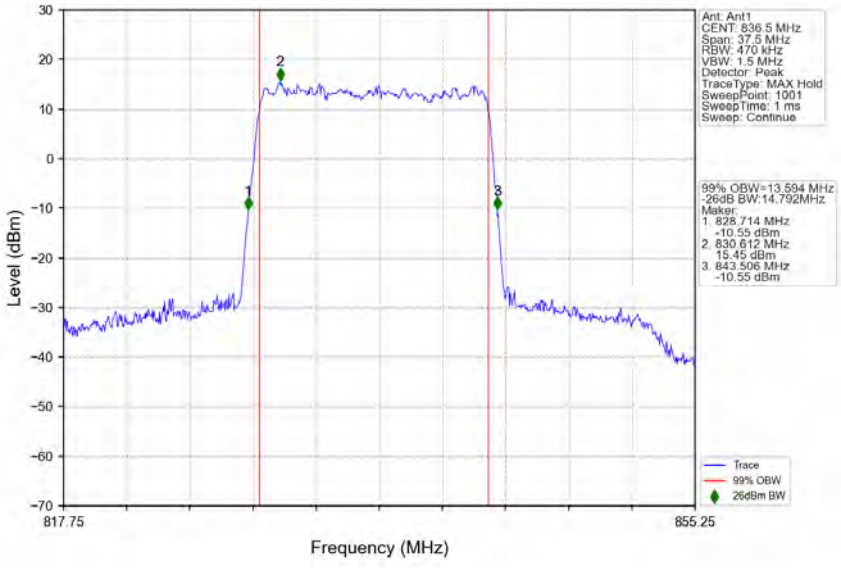
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 64 QAM_841.5MHz_Outer_Full



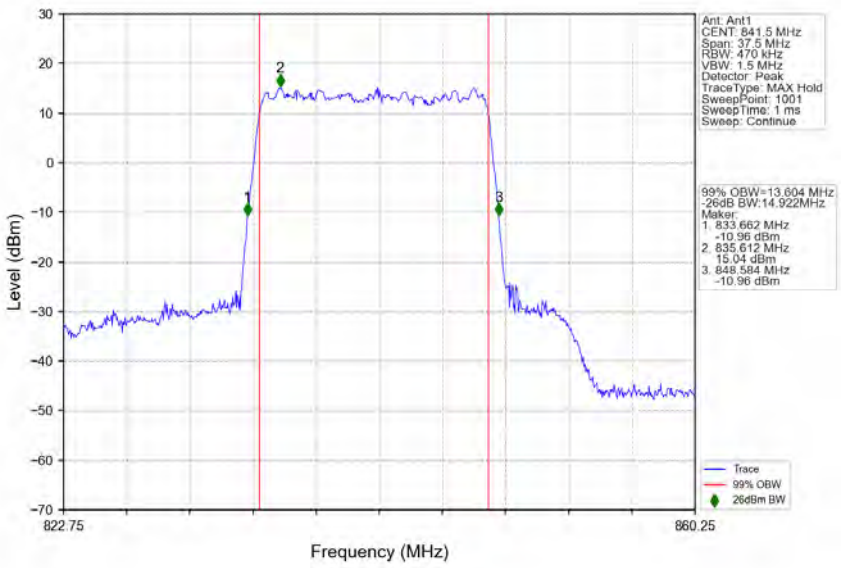
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 256 QAM_831.5MHz_Outer_Full



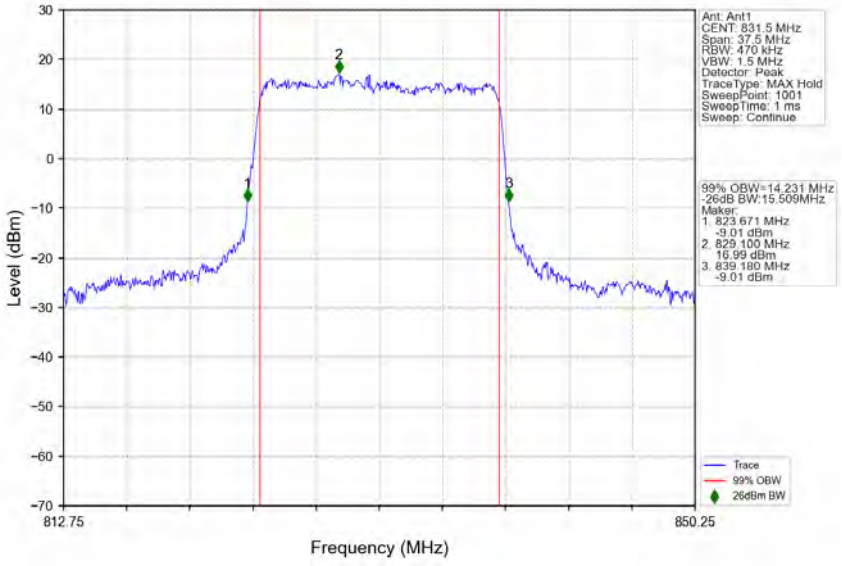
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 256 QAM_836.5MHz_Outer_Full



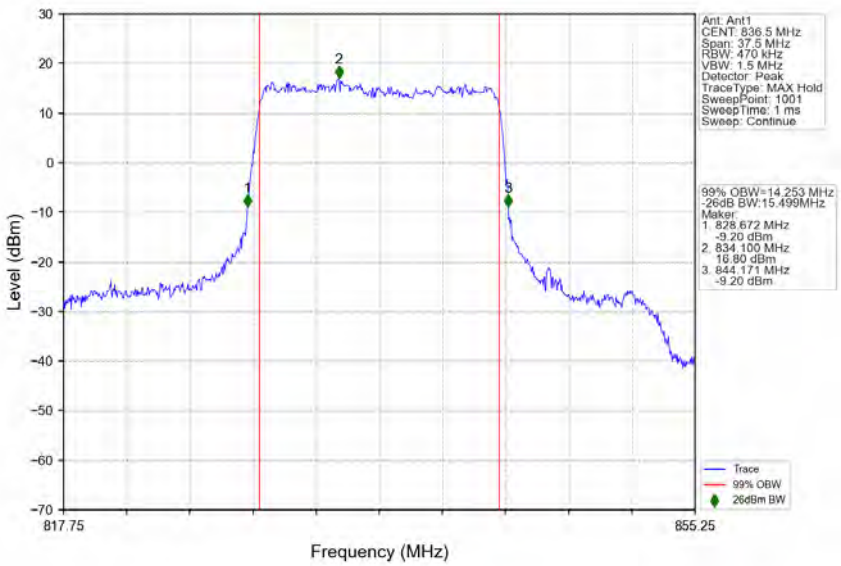
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 256 QAM_841.5MHz_Outer_Full



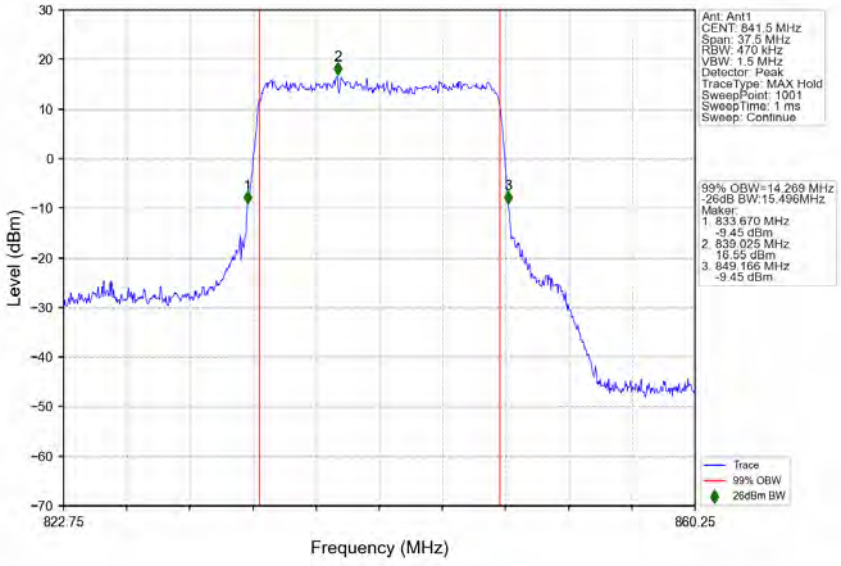
n5_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_831.5MHz_Outer_Full



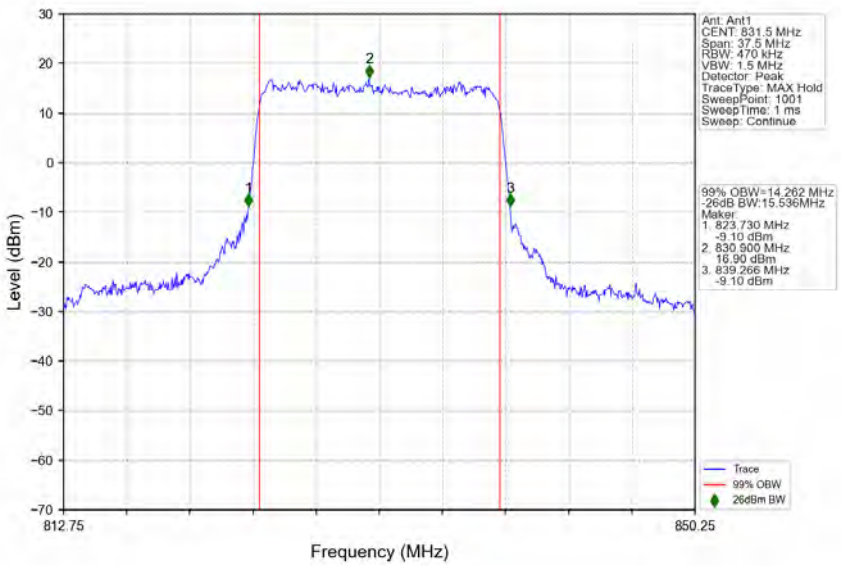
n5_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_836.5MHz_Outer_Full



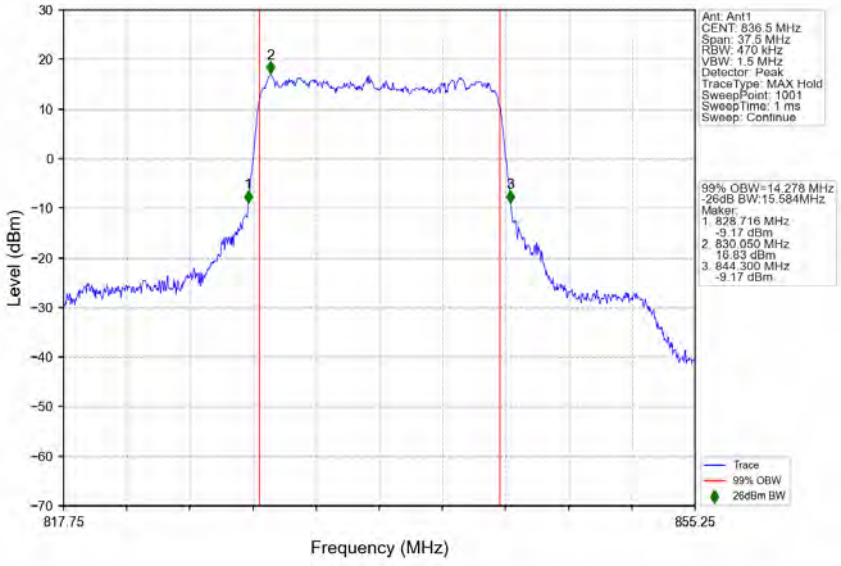
n5_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_841.5MHz_Outer_Full



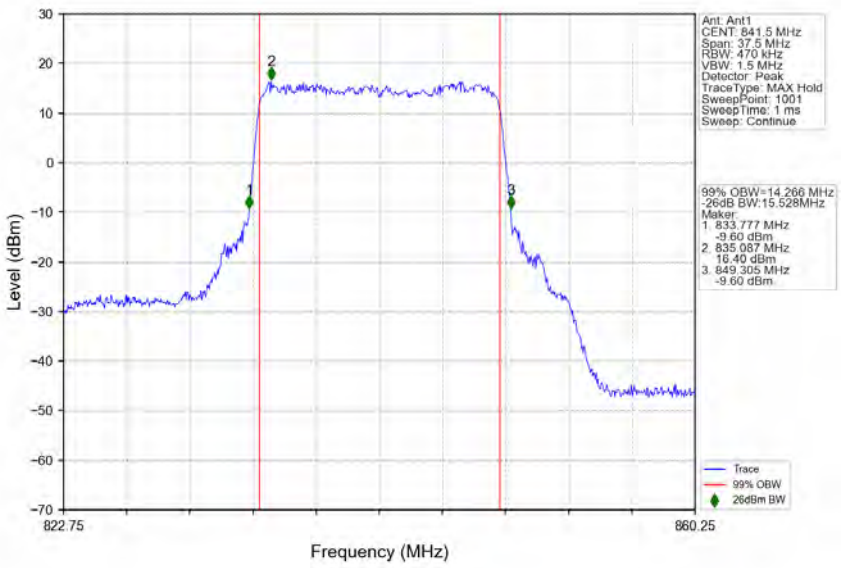
n5_15kHz_SISO_NTNV_15MHz_CP-OFDM 16 QAM_831.5MHz_Outer_Full



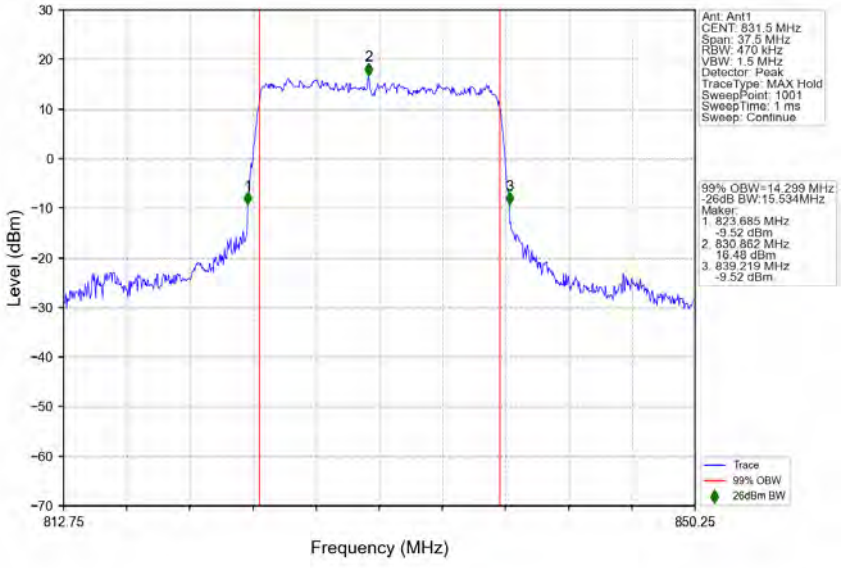
n5_15kHz_SISO_NTNV_15MHz_CP-OFDM 16 QAM_836.5MHz_Outer_Full



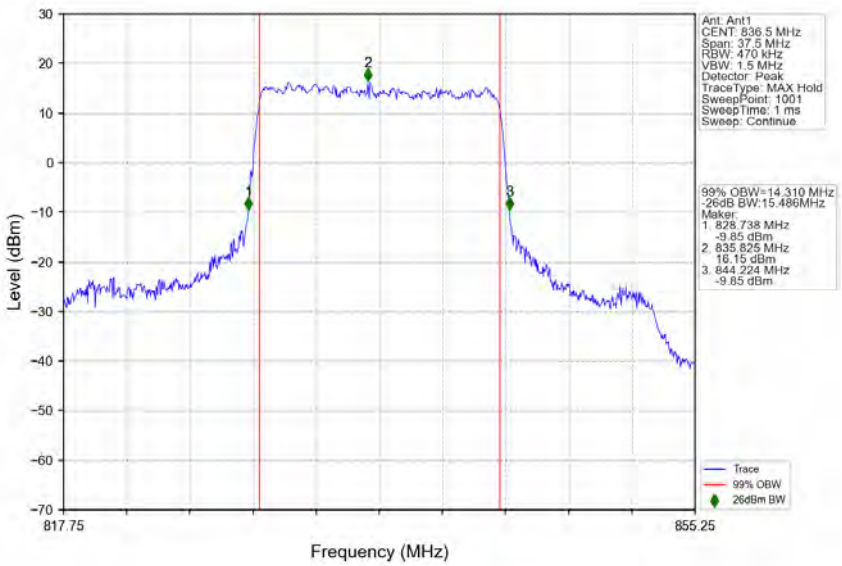
n5_15kHz_SISO_NTNV_15MHz_CP-OFDM 16 QAM_841.5MHz_Outer_Full



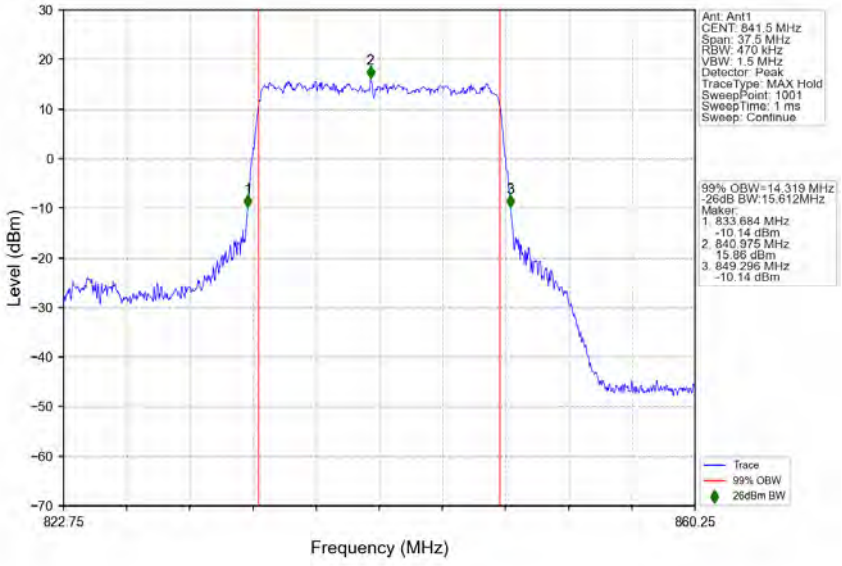
n5_15kHz_SISO_NTNV_15MHz_CP-OFDM 64 QAM_831.5MHz_Outer_Full



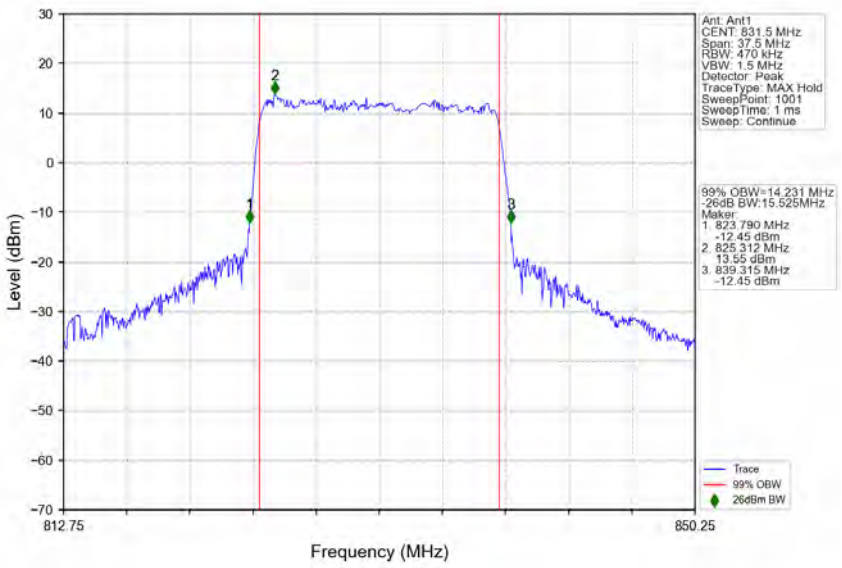
n5_15kHz_SISO_NTNV_15MHz_CP-OFDM 64 QAM_836.5MHz_Outer_Full



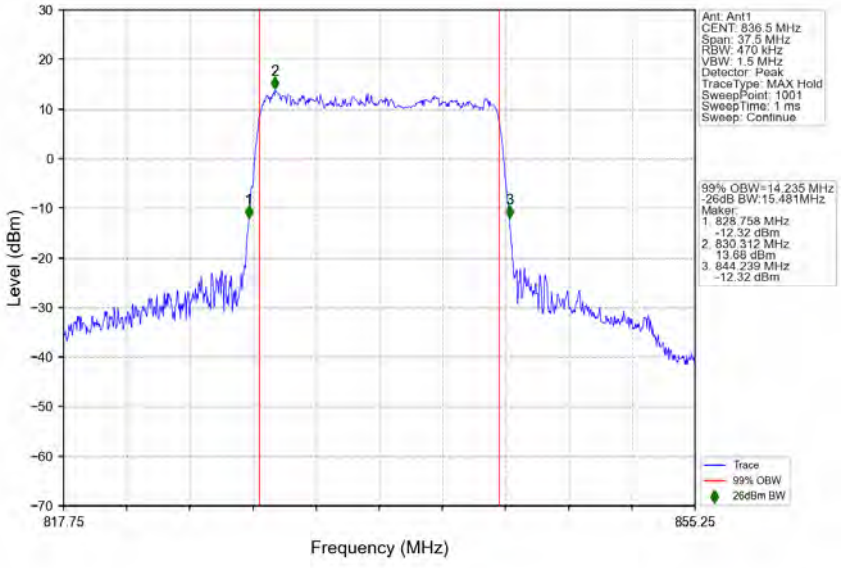
n5_15kHz_SISO_NTNV_15MHz_CP-OFDM 64 QAM_841.5MHz_Outer_Full



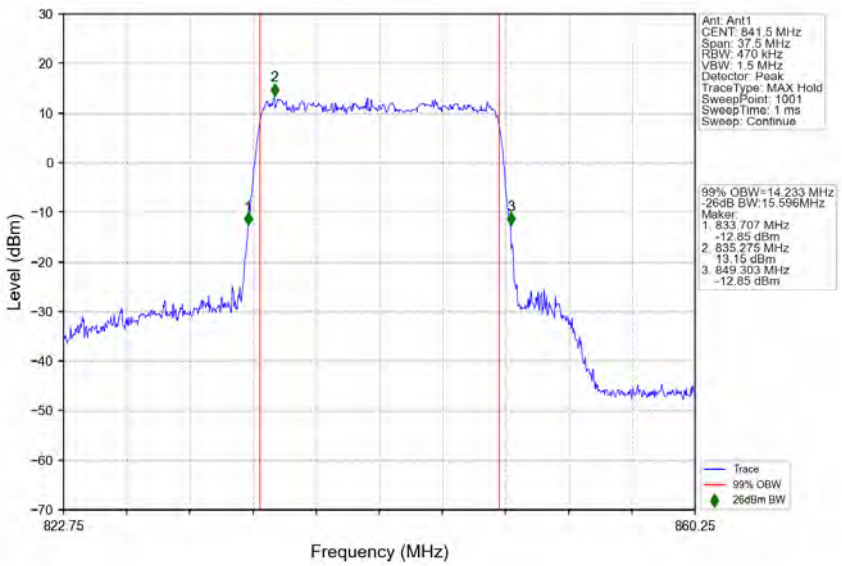
n5_15kHz_SISO_NTNV_15MHz_CP-OFDM 256 QAM_831.5MHz_Outer_Full



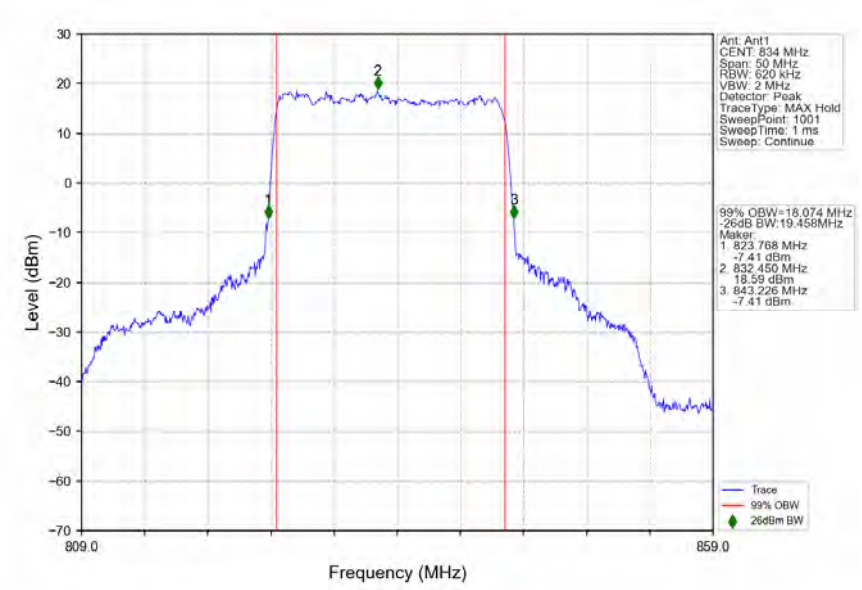
n5_15kHz_SISO_NTNV_15MHz_CP-OFDM 256 QAM_836.5MHz_Outer_Full

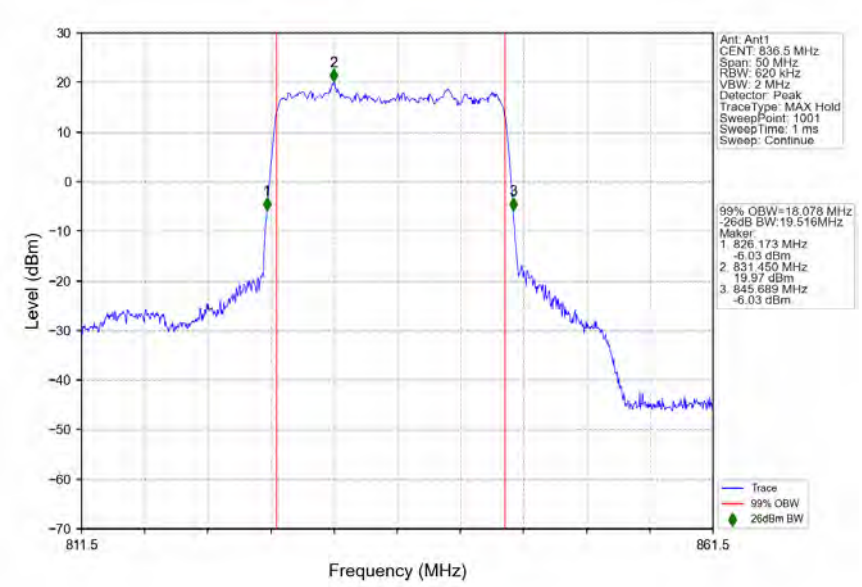


n5_15kHz_SISO_NTNV_15MHz_CP-OFDM 256 QAM_841.5MHz_Outer_Full

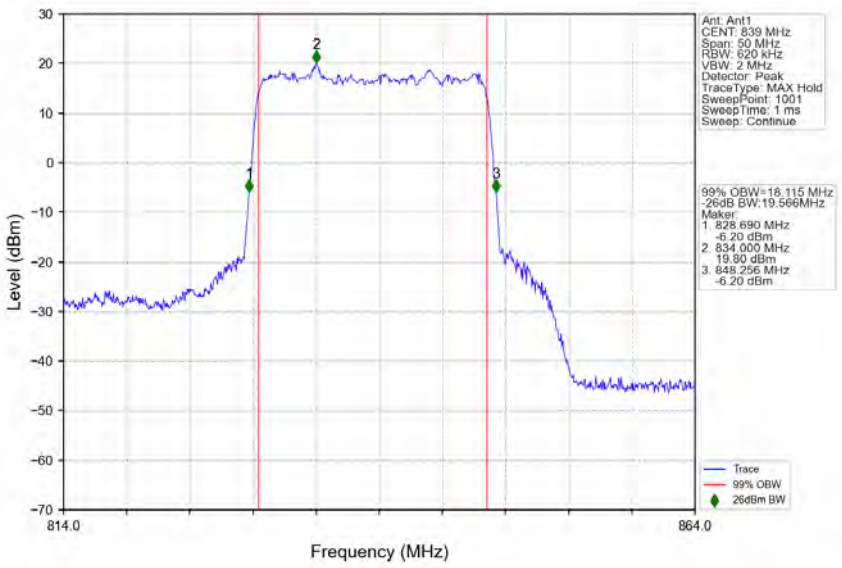


3.2.4 15k_SISO_20MHz_NTNV

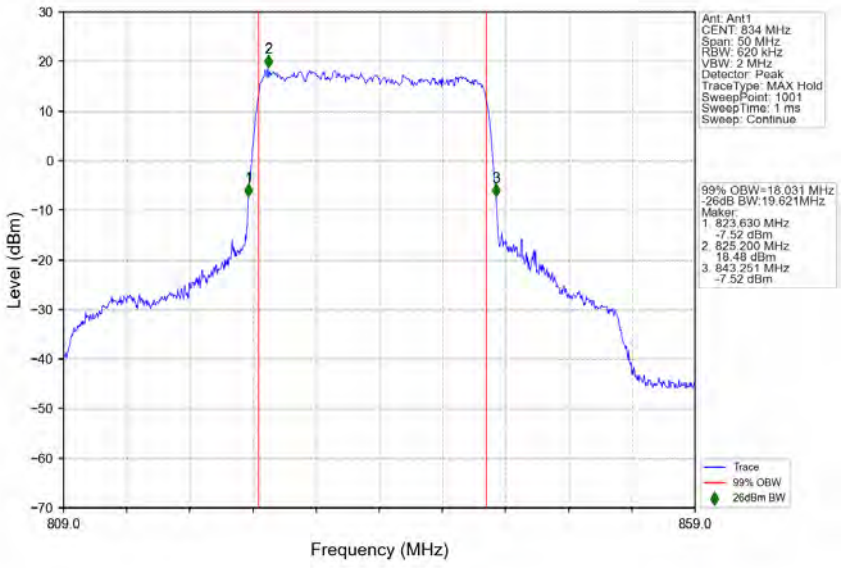
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_834MHz_Outer_Full


n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_836.5MHz_Outer_Full


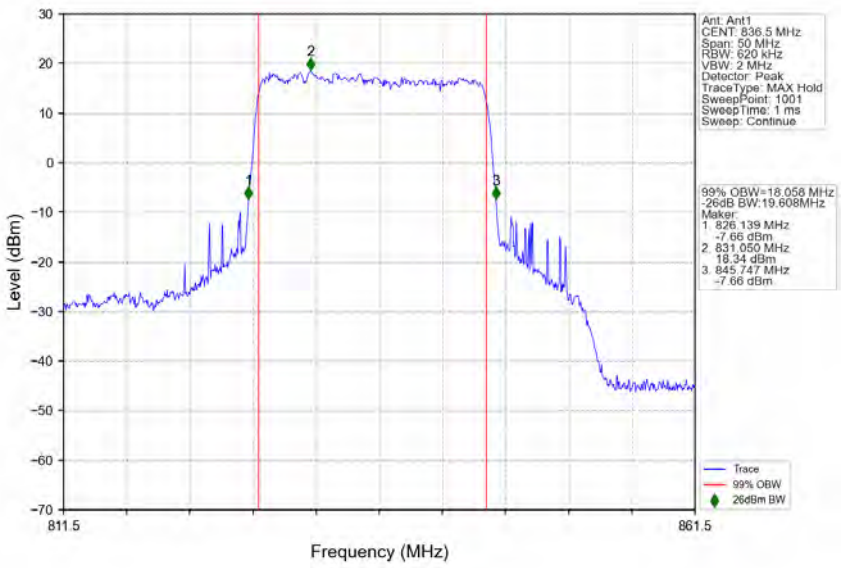
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_839MHz_Outer_Full



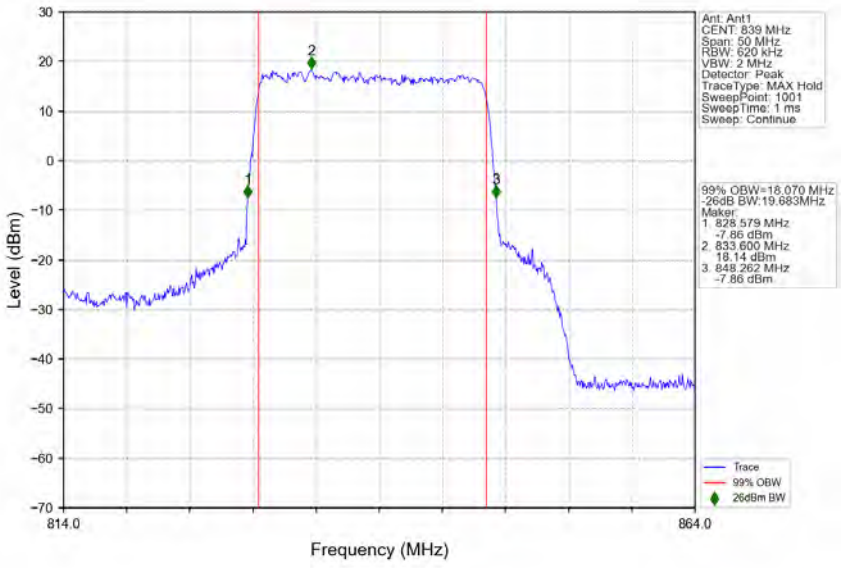
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_834MHz_Outer_Full



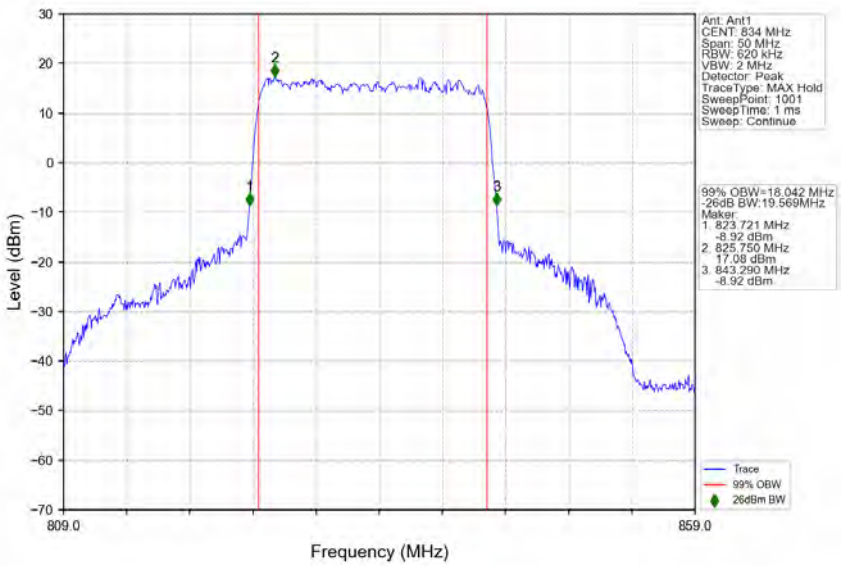
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_836.5MHz_Outer_Full



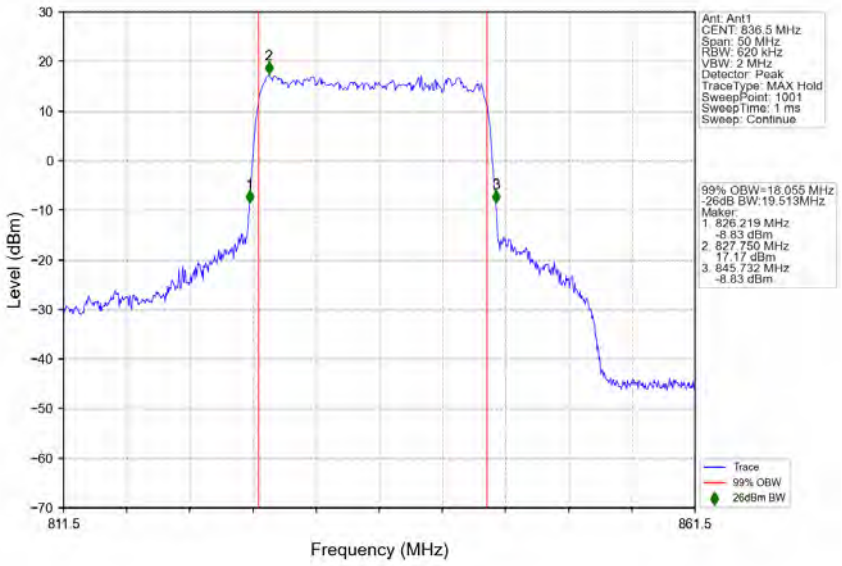
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_839MHz_Outer_Full



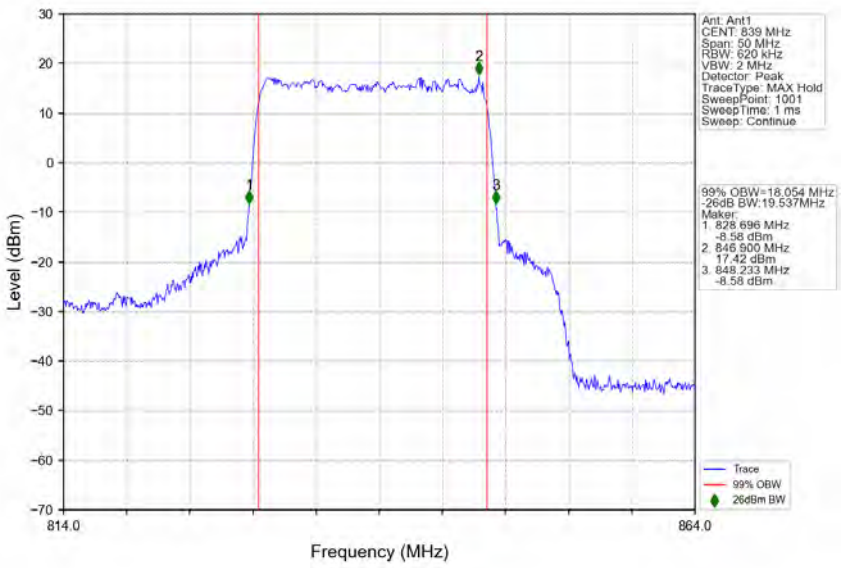
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 16 QAM_834MHz_Outer_Full



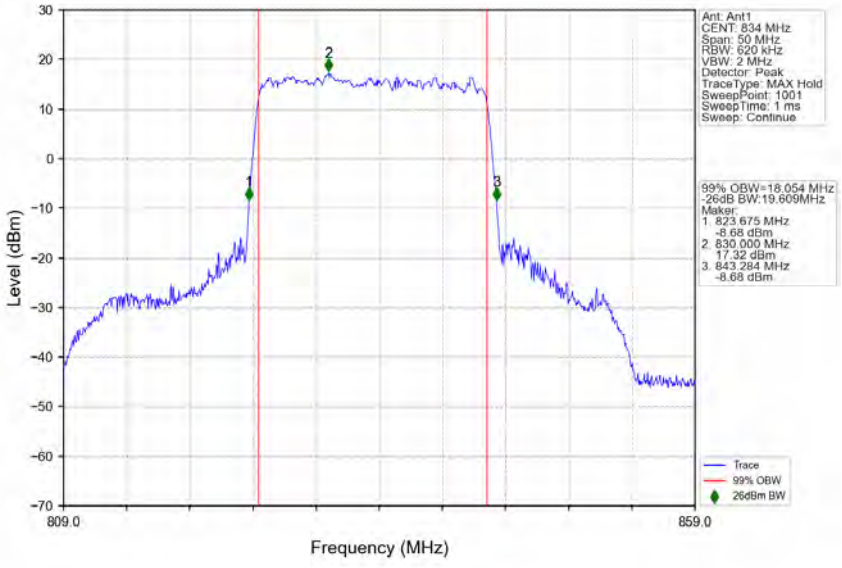
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 16 QAM_836.5MHz_Outer_Full



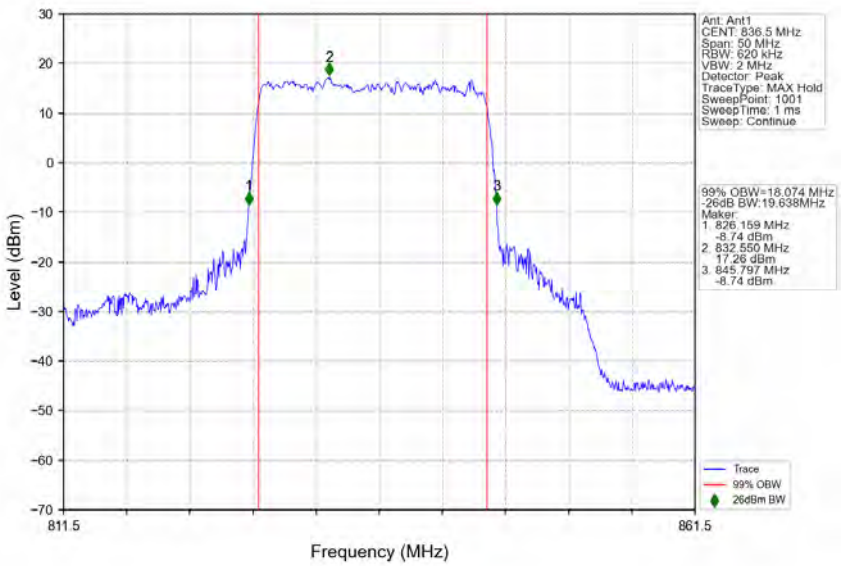
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 16 QAM_839MHz_Outer_Full



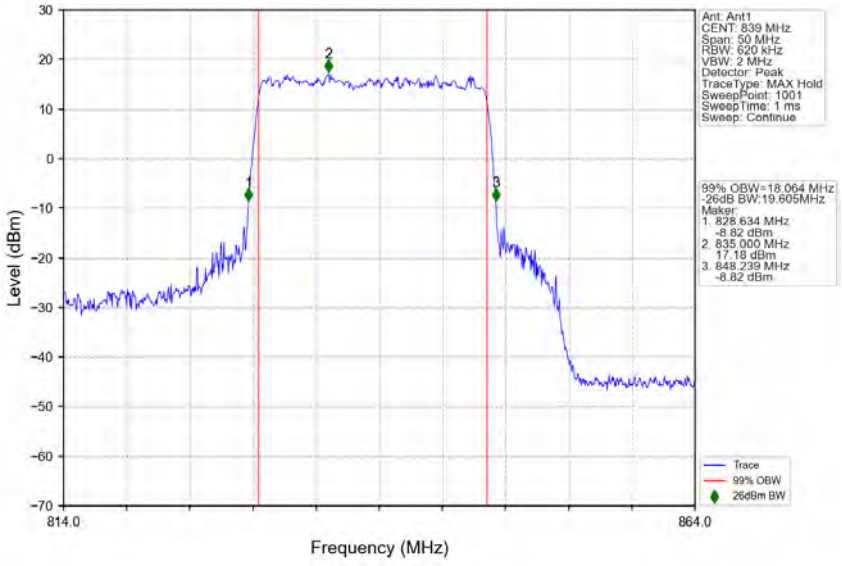
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 64 QAM_834MHz_Outer_Full



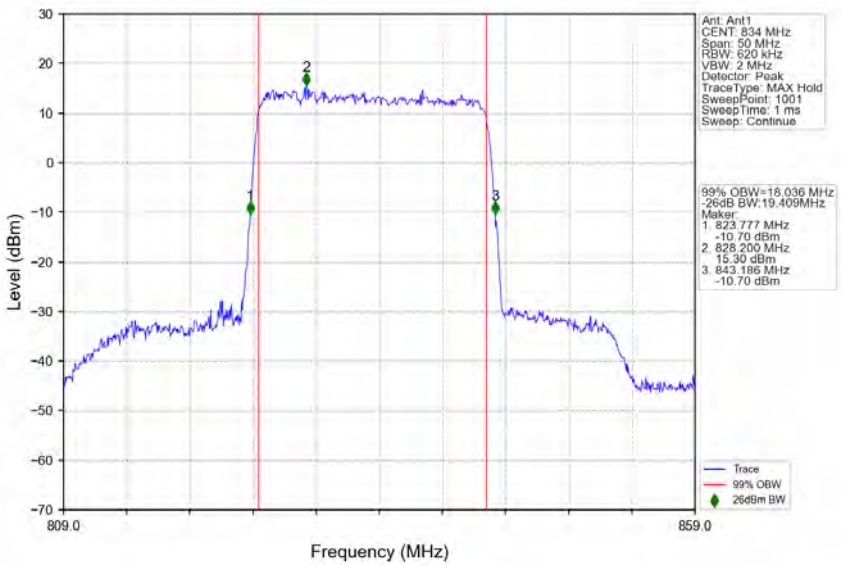
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 64 QAM_836.5MHz_Outer_Full



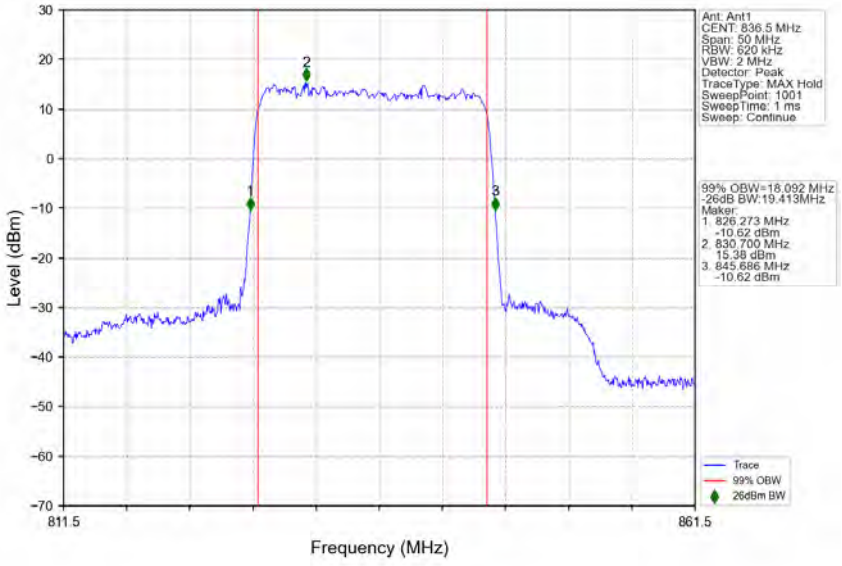
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 64 QAM_839MHz_Outer_Full



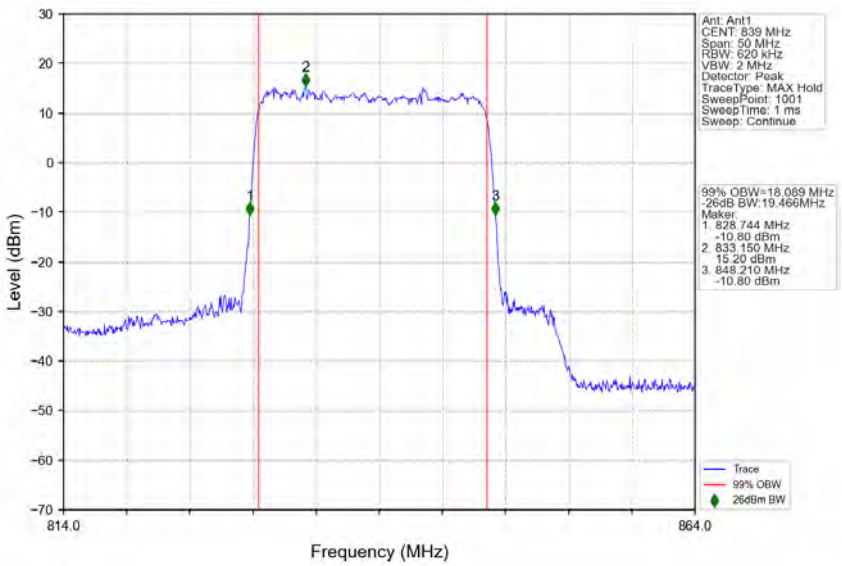
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 256 QAM_834MHz_Outer_Full



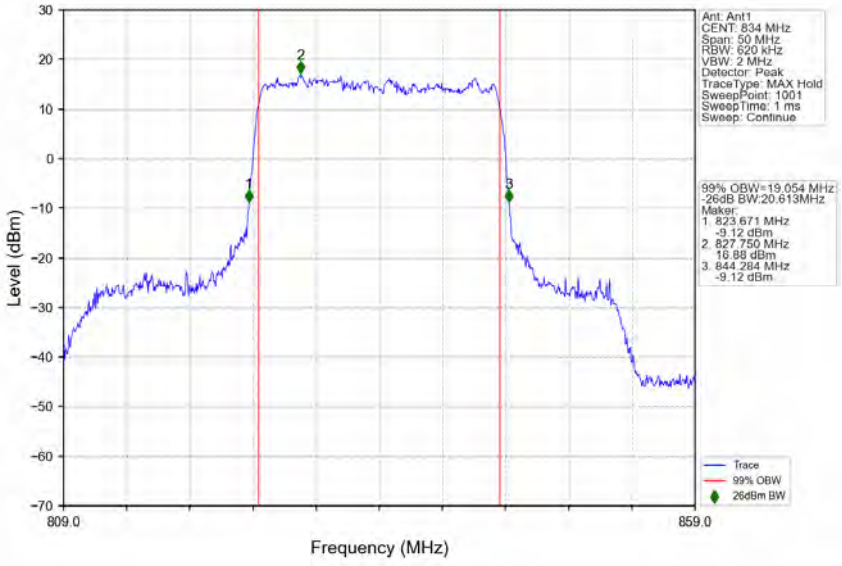
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 256 QAM_836.5MHz_Outer_Full



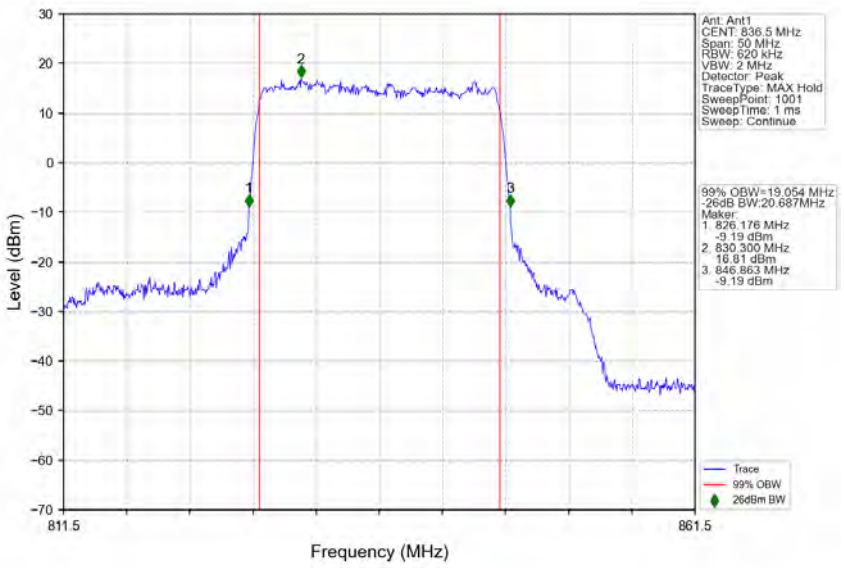
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 256 QAM_839MHz_Outer_Full



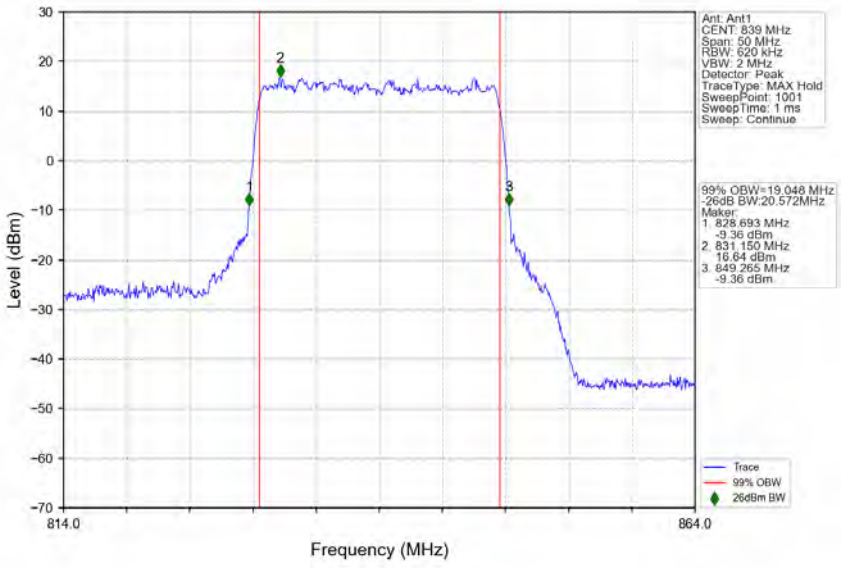
n5_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_834MHz_Outer_Full



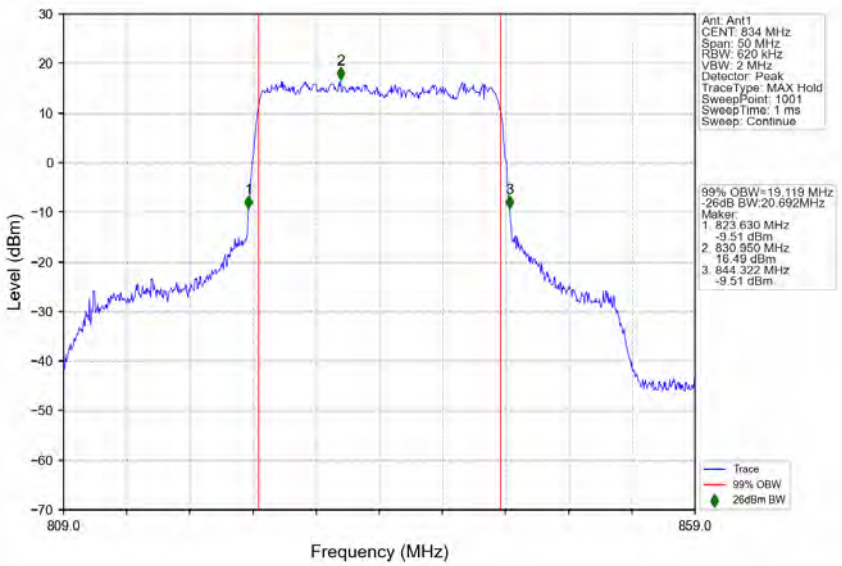
n5_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_836.5MHz_Outer_Full



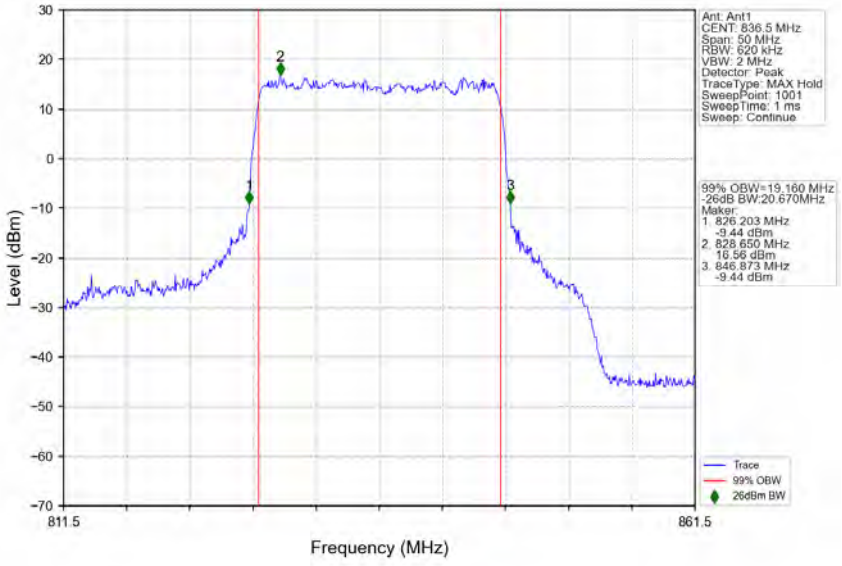
n5_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_839MHz_Outer_Full



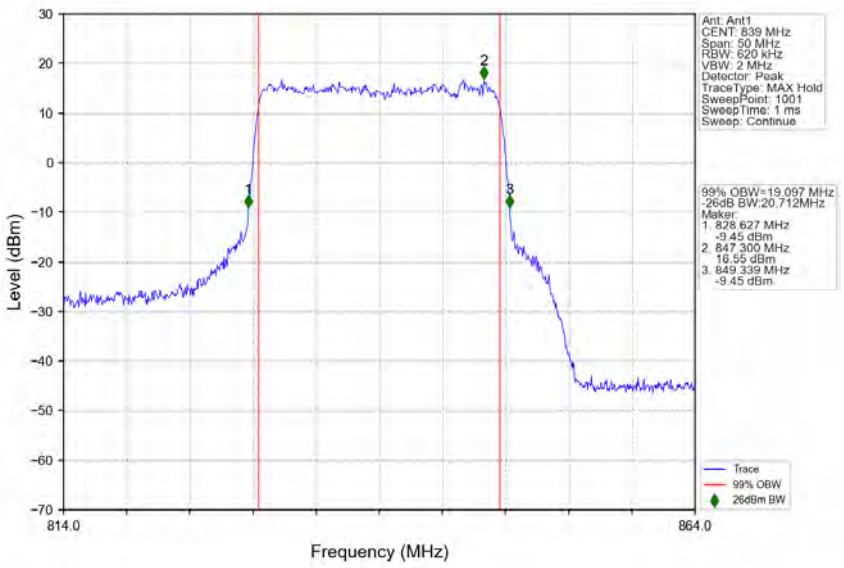
n5_15kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM_834MHz_Outer_Full



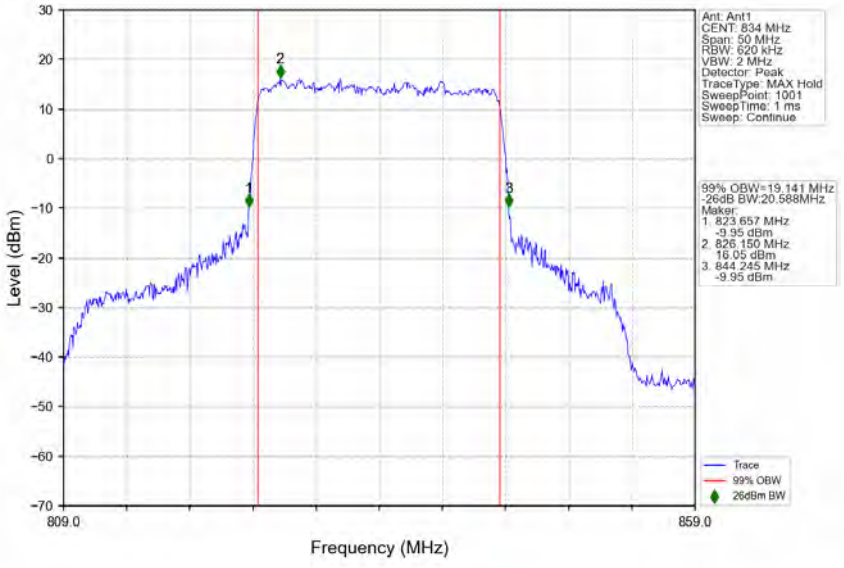
n5_15kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM_836.5MHz_Outer_Full



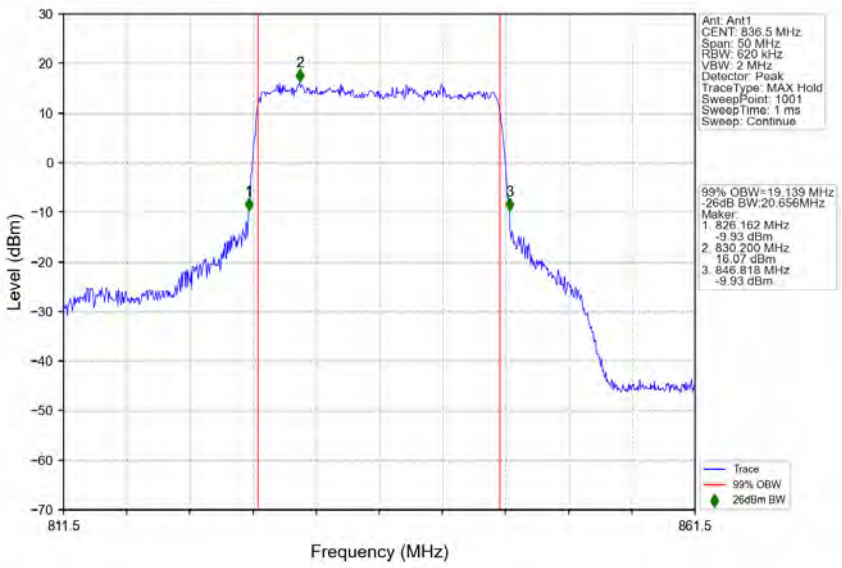
n5_15kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM_839MHz_Outer_Full



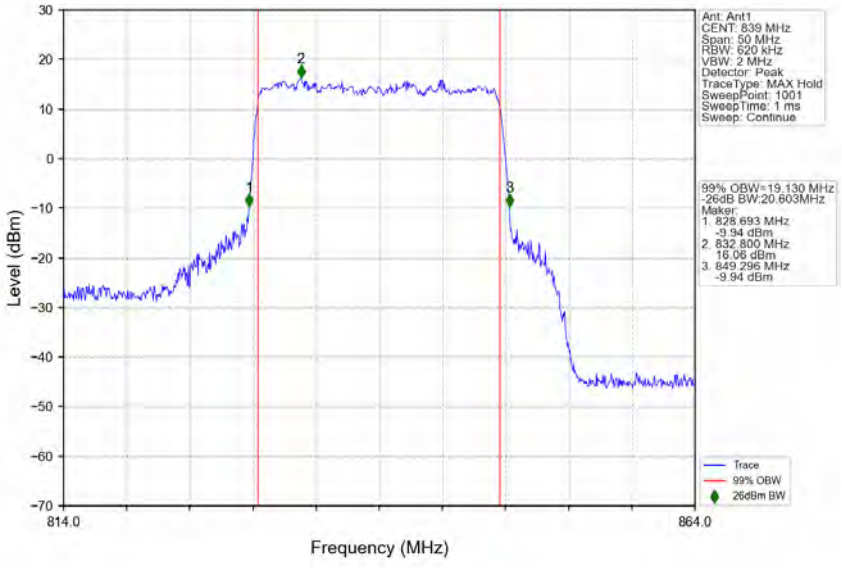
n5_15kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM_834MHz_Outer_Full



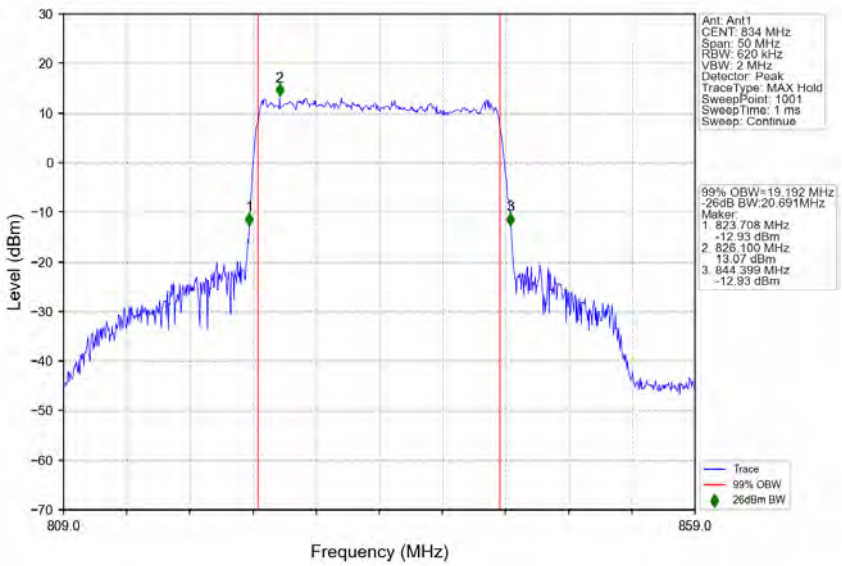
n5_15kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM_836.5MHz_Outer_Full



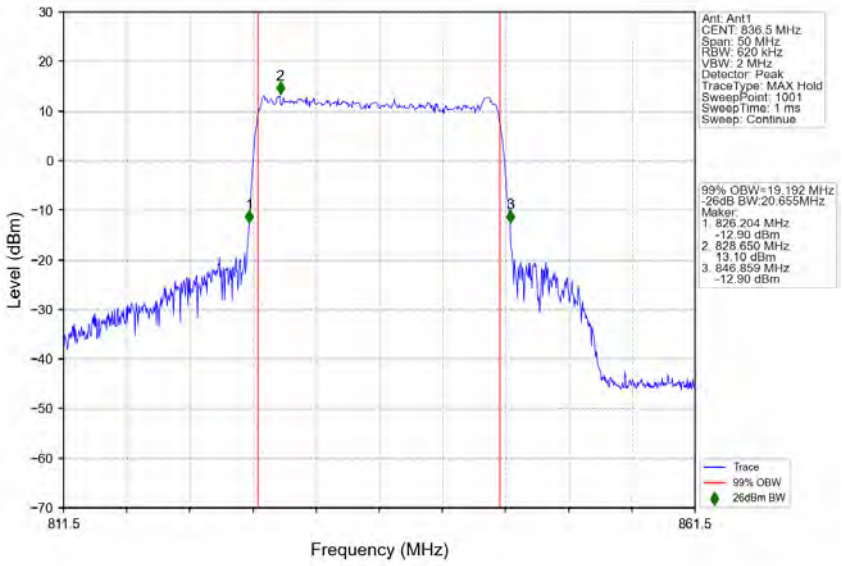
n5_15kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM_839MHz_Outer_Full



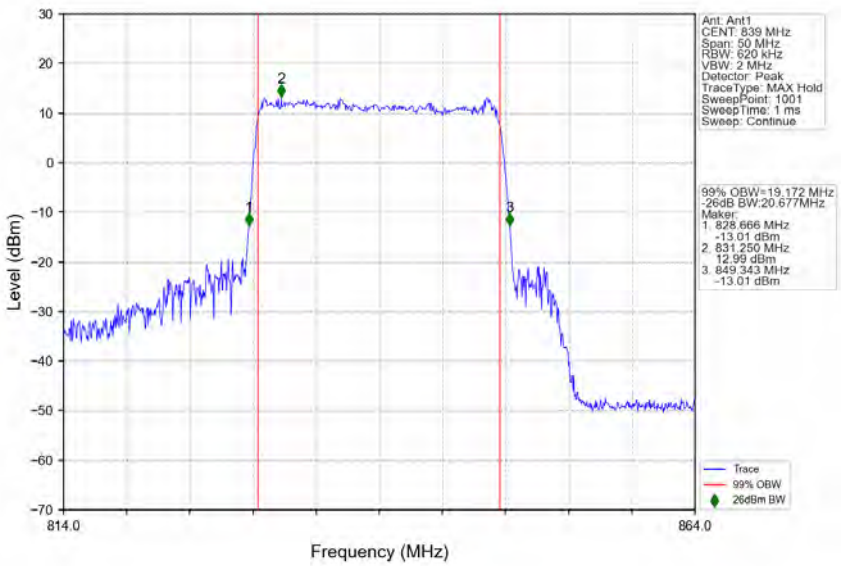
n5_15kHz_SISO_NTNV_20MHz_CP-OFDM 256 QAM_834MHz_Outer_Full



n5_15kHz_SISO_NTNV_20MHz_CP-OFDM 256 QAM_836.5MHz_Outer_Full



n5_15kHz_SISO_NTNV_20MHz_CP-OFDM 256 QAM_839MHz_Outer_Full



4. Peak-Average Ratio

4.1 Test Result

4.1.1 15k_SISO_5MHz_NTNV

5G NR n5 SCS=15kHz SISO 5MHz NTNV							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	826.5	Outer_Full	3.87	/	/	<=13	Pass
	836.5	Outer_Full	4.12	/	/	<=13	Pass
	846.5	Outer_Full	4.04	/	/	<=13	Pass
DFT-s-OFDM QPSK	826.5	Outer_Full	4.50	/	/	<=13	Pass
	836.5	Outer_Full	4.82	/	/	<=13	Pass
	846.5	Outer_Full	4.78	/	/	<=13	Pass

4.1.2 15k_SISO_10MHz_NTNV

5G NR n5 SCS=15kHz SISO 10MHz NTNV							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	829	Outer_Full	4.17	/	/	<=13	Pass
	836.5	Outer_Full	4.18	/	/	<=13	Pass
	844	Outer_Full	3.94	/	/	<=13	Pass
DFT-s-OFDM QPSK	829	Outer_Full	4.93	/	/	<=13	Pass
	836.5	Outer_Full	4.72	/	/	<=13	Pass
	844	Outer_Full	4.61	/	/	<=13	Pass

4.1.3 15k_SISO_15MHz_NTNV

5G NR n5 SCS=15kHz SISO 15MHz NTNV							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	831.5	Outer_Full	3.79	/	/	<=13	Pass
	836.5	Outer_Full	4.10	/	/	<=13	Pass
	841.5	Outer_Full	4.06	/	/	<=13	Pass
DFT-s-OFDM QPSK	831.5	Outer_Full	4.43	/	/	<=13	Pass
	836.5	Outer_Full	4.96	/	/	<=13	Pass
	841.5	Outer_Full	4.79	/	/	<=13	Pass

4.1.4 15k_SISO_20MHz_NTNV

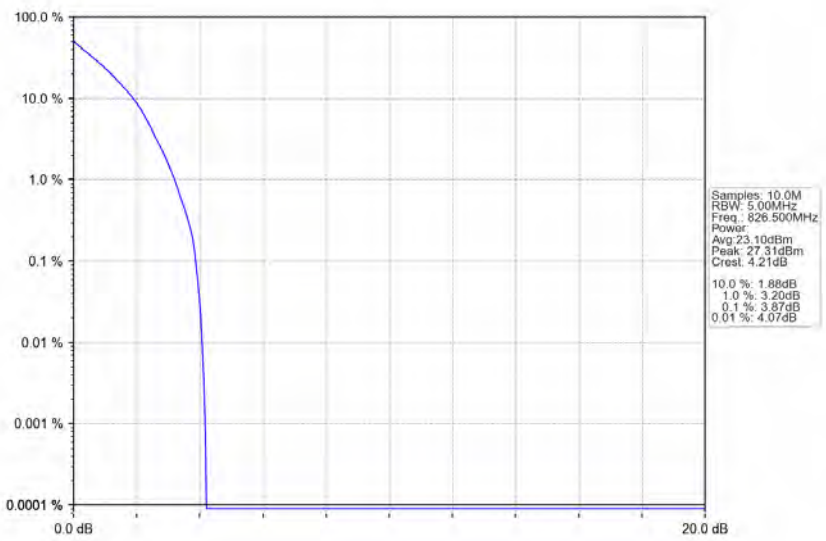
5G NR n5 SCS=15kHz SISO 20MHz NTNV							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	834	Outer_Full	4.15	/	/	<=13	Pass
	836.5	Outer_Full	4.11	/	/	<=13	Pass
	839	Outer_Full	4.07	/	/	<=13	Pass
DFT-s-OFDM QPSK	834	Outer_Full	4.78	/	/	<=13	Pass

	836.5	Outer_Full	4.82	/	/	<=13	Pass
	839	Outer_Full	4.95	/	/	<=13	Pass

4.2 Test Graph

4.2.1 15k_SISO_5MHz_NTNV

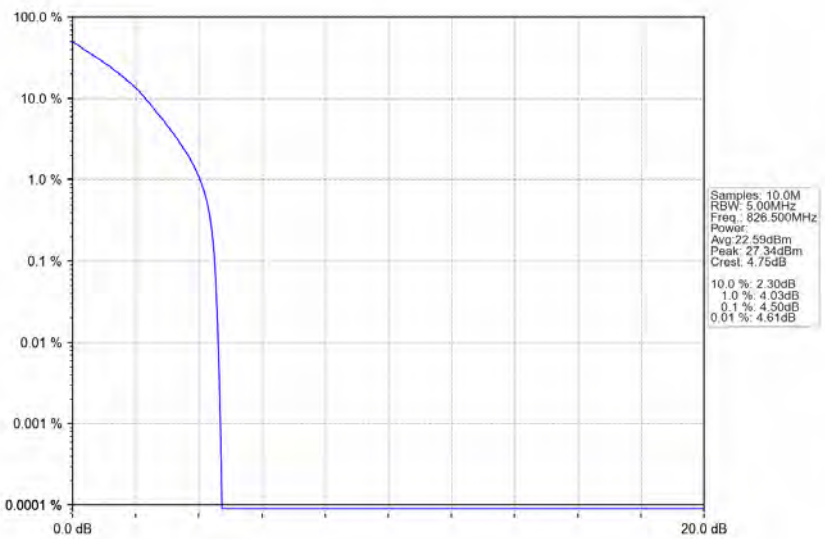
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_826.5MHz_Outer_Full



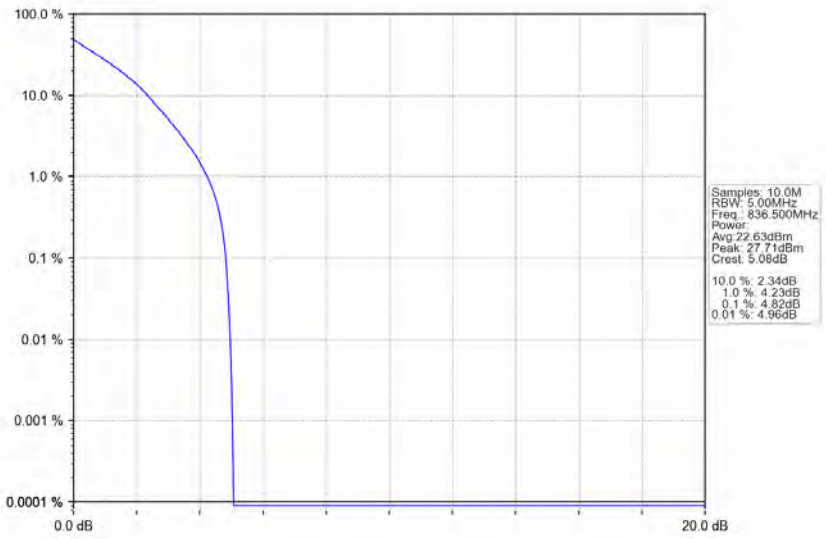
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_836.5MHz_Outer_Full

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_846.5MHz_Outer_Full

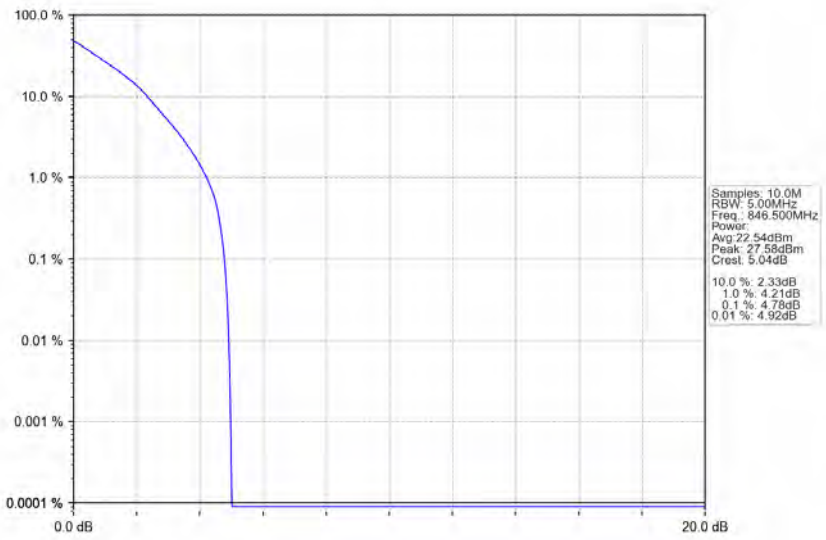
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_826.5MHz_Outer_Full



n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_836.5MHz_Outer_Full

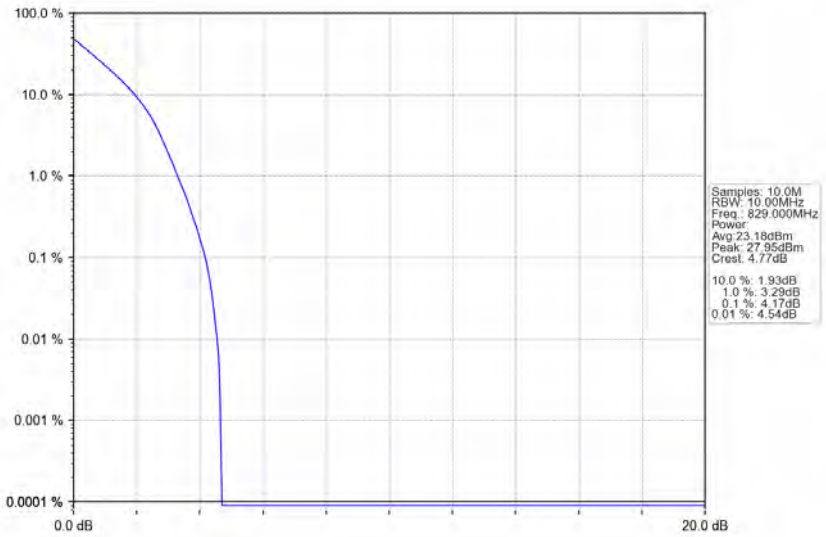


n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_846.5MHz_Outer_Full



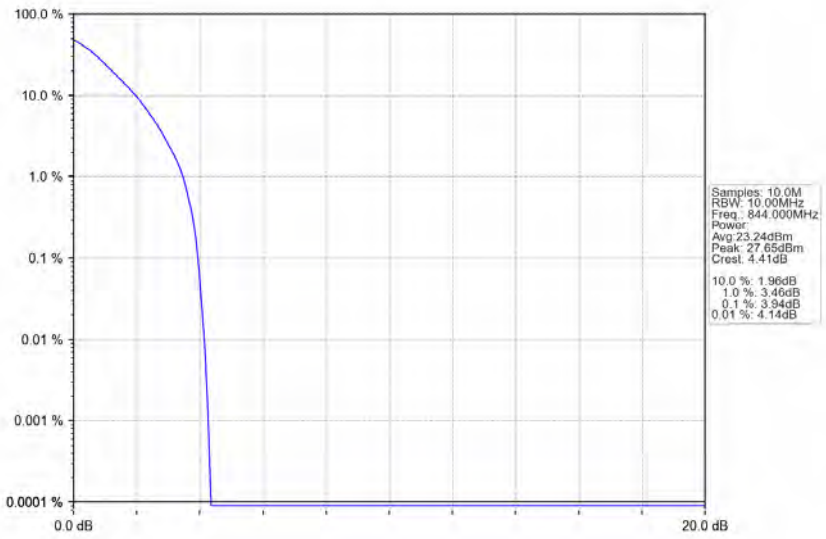
4.2.2 15k_SISO_10MHz_NTNV

n5_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_829MHz_Outer_Full

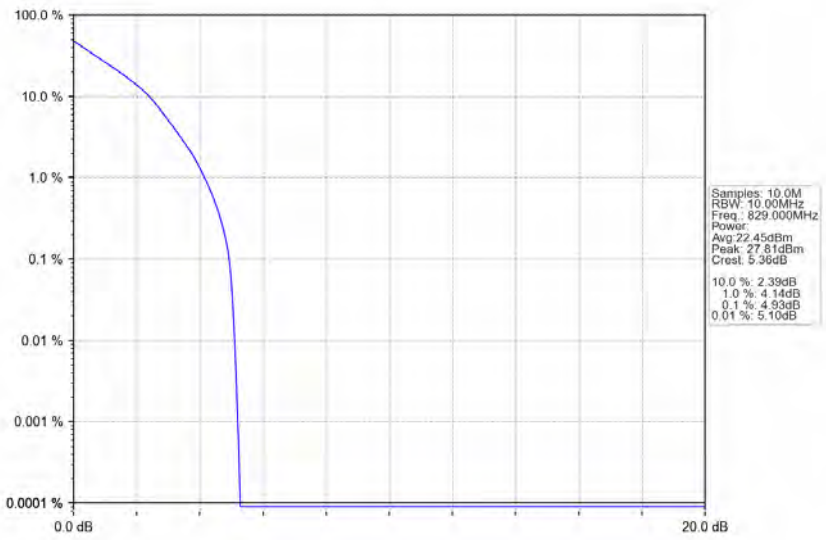


n5_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_836.5MHz_Outer_Full

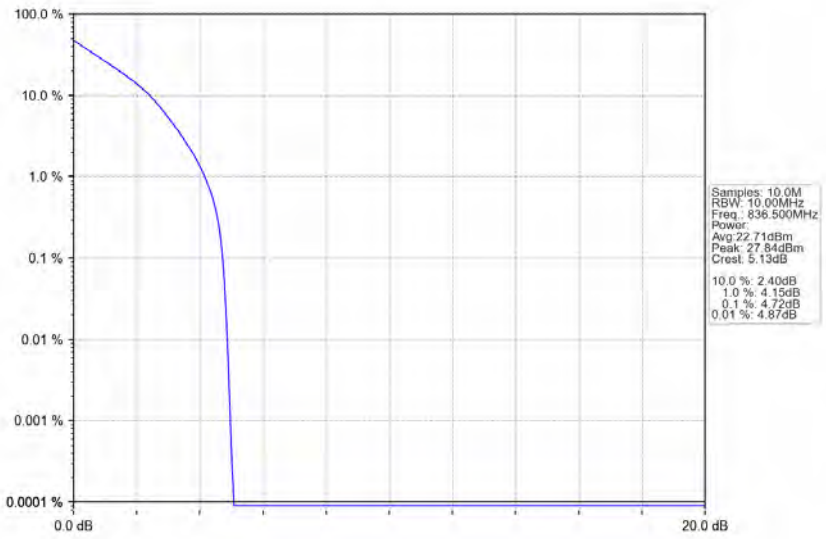
n5_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_844MHz_Outer_Full



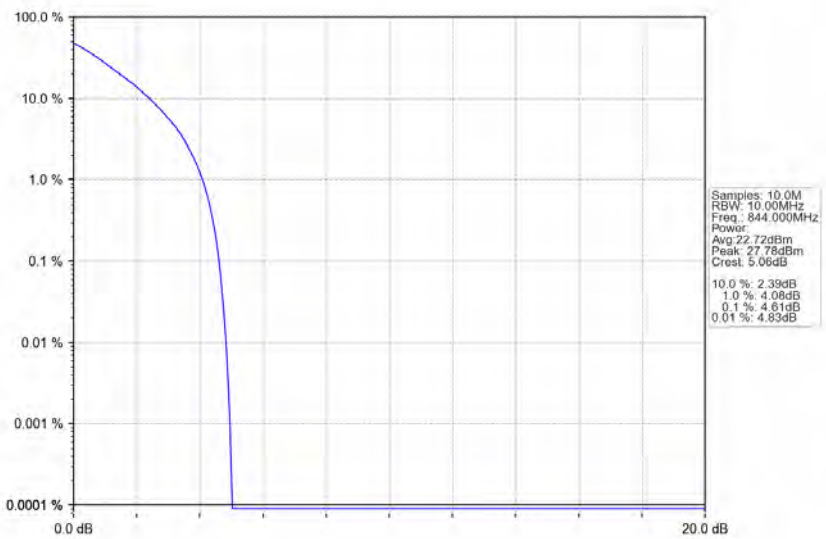
n5_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_829MHz_Outer_Full



n5_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_836.5MHz_Outer_Full

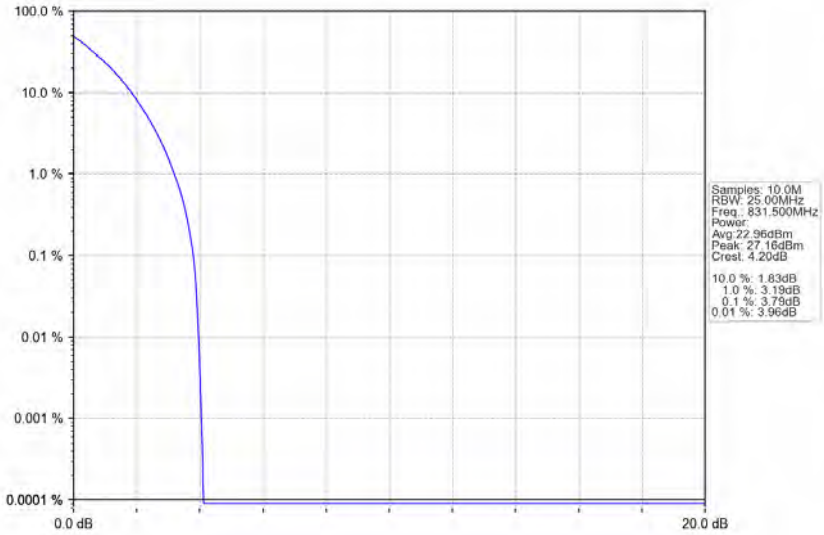


n5_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_844MHz_Outer_Full

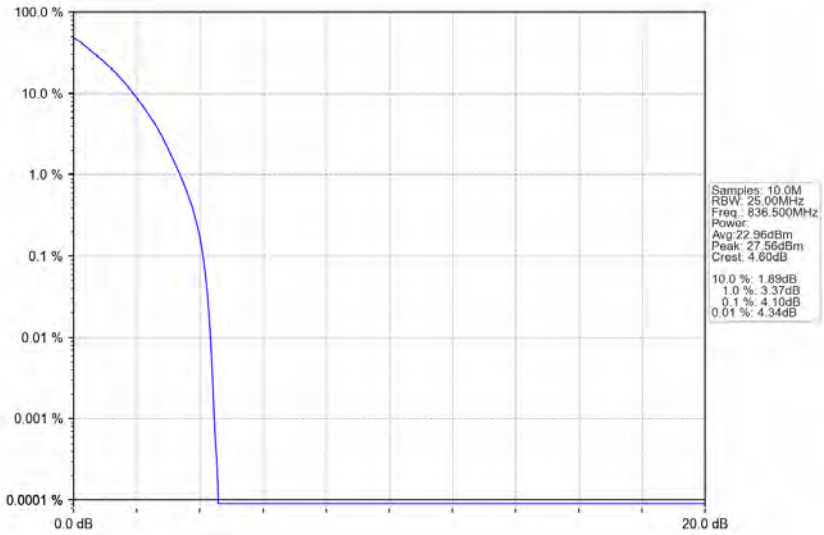


4.2.3 15k_SISO_15MHz_NTNV

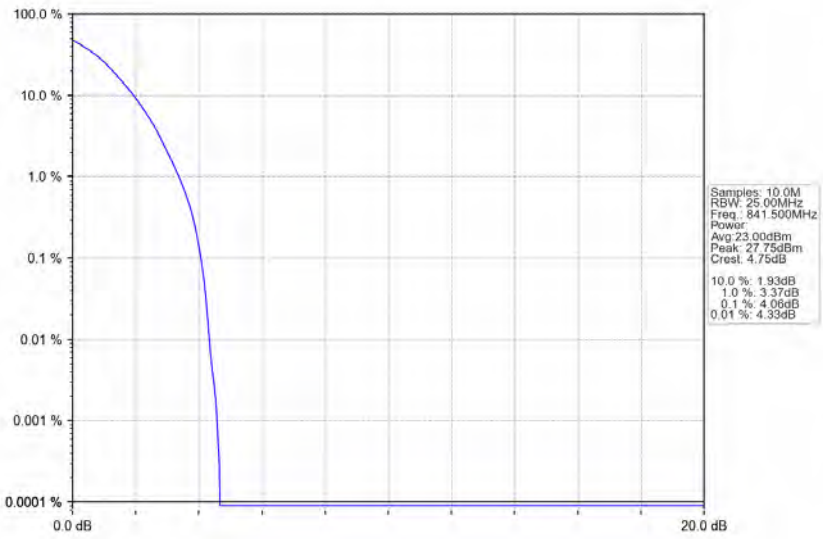
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_831.5MHz_Outer_Full



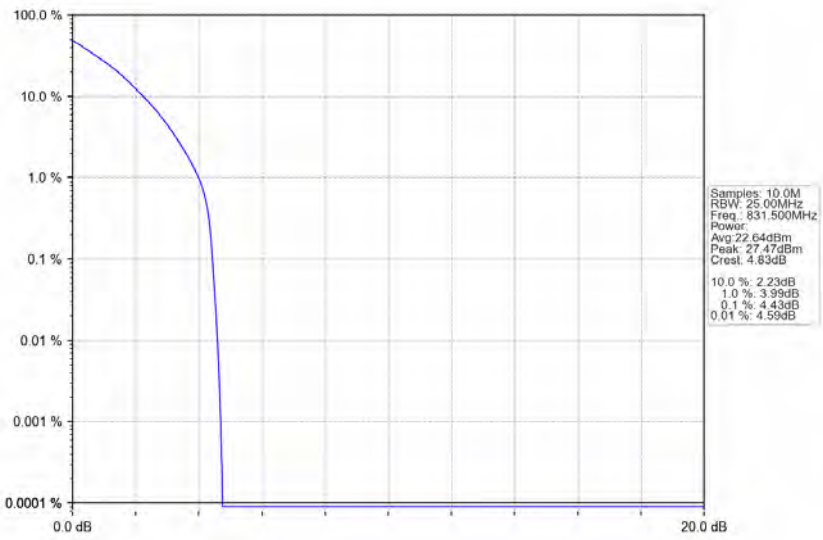
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_836.5MHz_Outer_Full



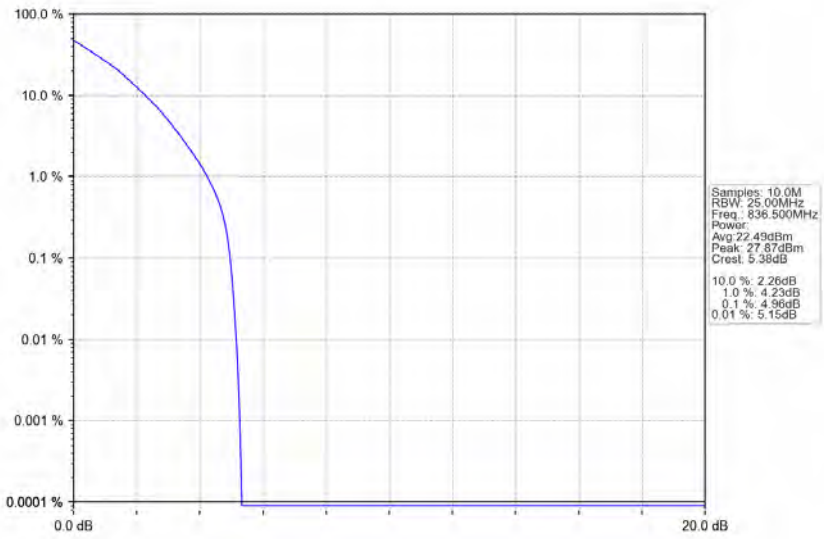
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_841.5MHz_Outer_Full



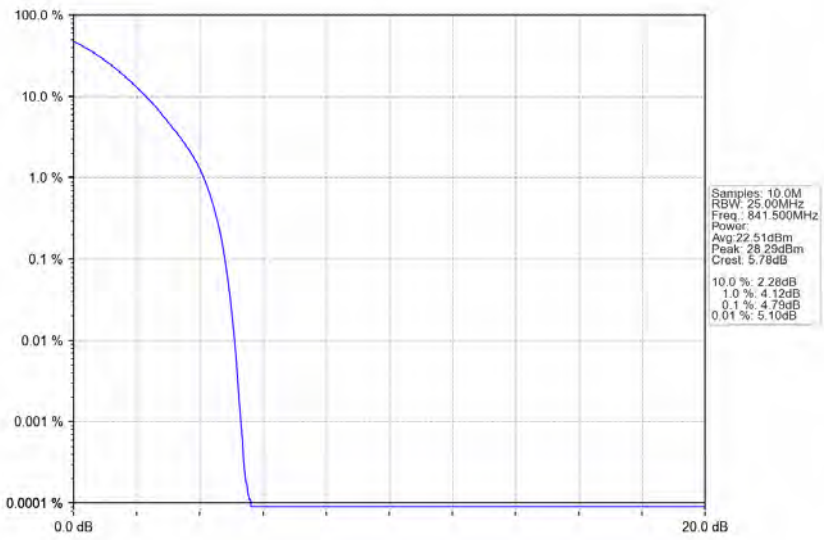
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_831.5MHz_Outer_Full



n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_836.5MHz_Outer_Full

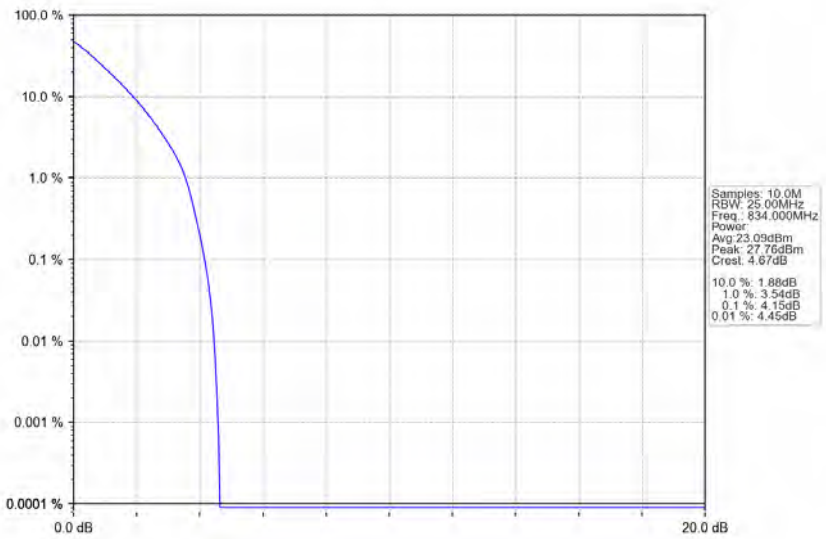


n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_841.5MHz_Outer_Full

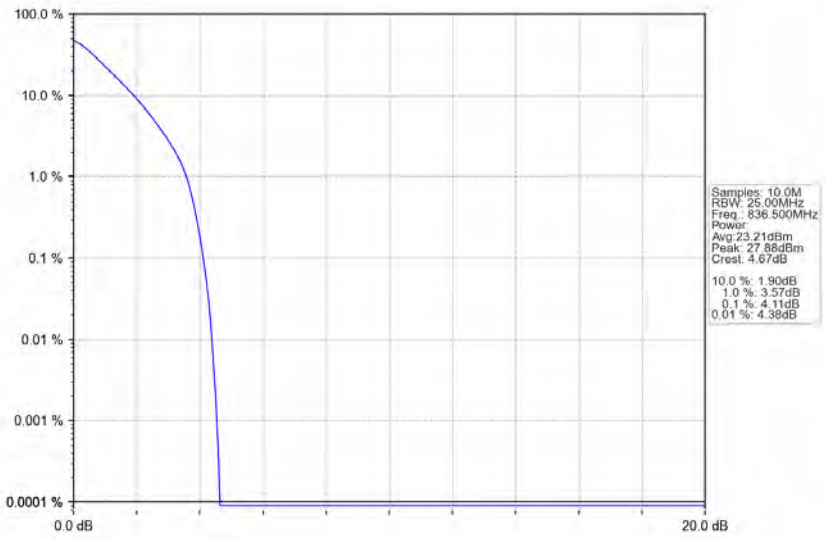


4.2.4 15k_SISO_20MHz_NTNV

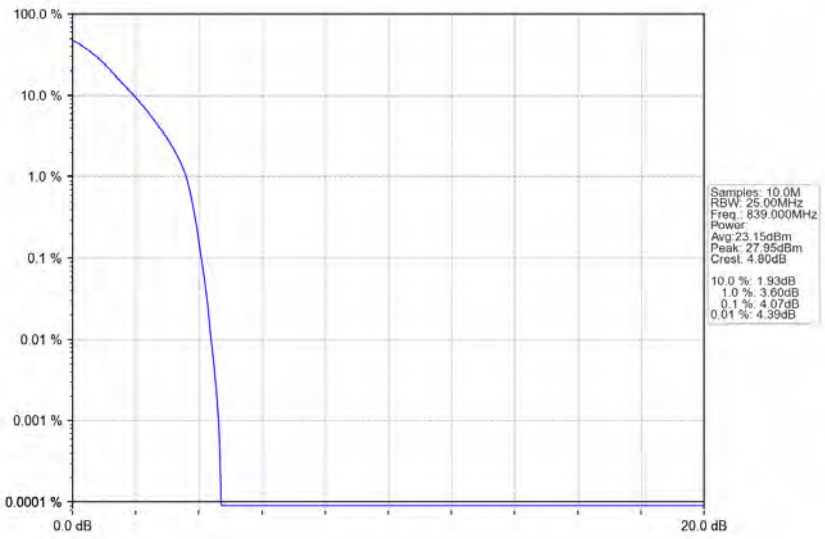
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_834MHz_Outer_Full



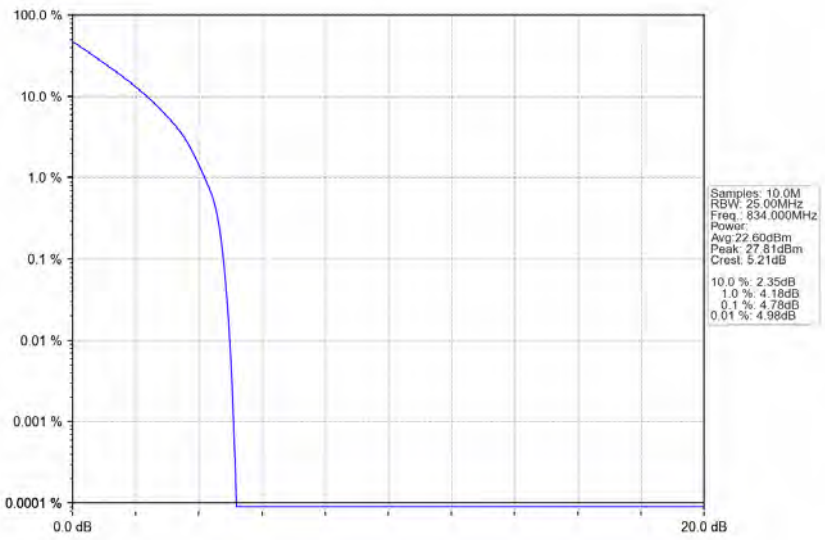
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_836.5MHz_Outer_Full



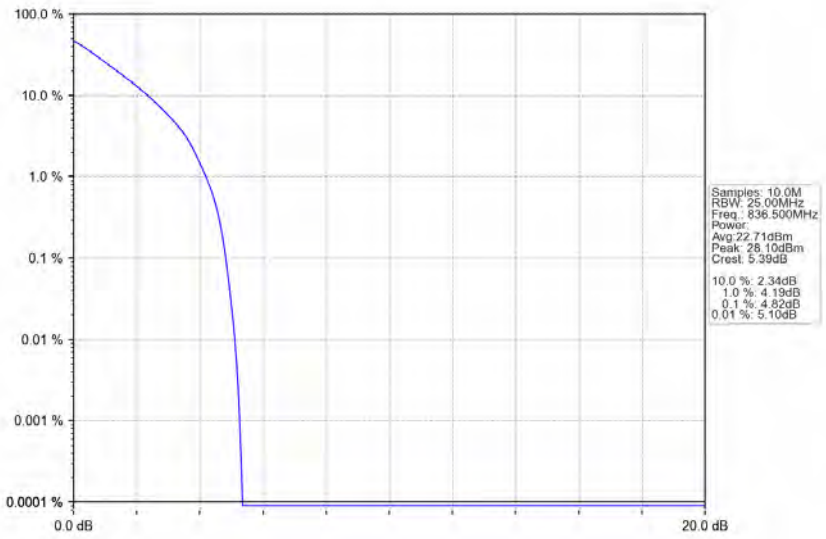
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_839MHz_Outer_Full



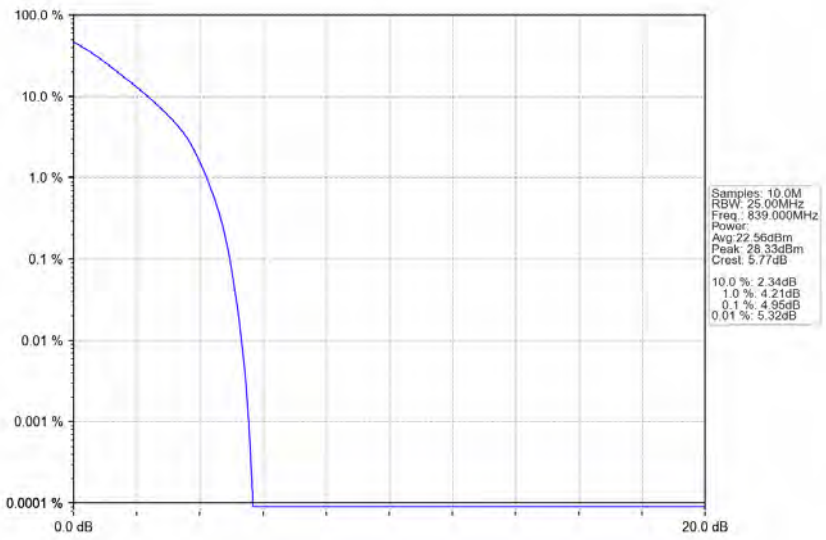
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_834MHz_Outer_Full



n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_836.5MHz_Outer_Full



n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_839MHz_Outer_Full



5. Spurious Emission

5.1 Test Result

5.1.1 15k_SISO_5MHz_NTNV

5G NR n5 SCS=15kHz SISO 5MHz NTNV							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	826.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	836.5	Edge_1RB_Left	Refer To Test Graph				Pass
	846.5	Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM QPSK	826.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	836.5	Edge_1RB_Left	Refer To Test Graph				Pass
	846.5	Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
CP-OFDM QPSK	826.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	836.5	Edge_1RB_Left	Refer To Test Graph				Pass
	846.5	Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass

5.1.2 15k_SISO_10MHz_NTNV

5G NR n5 SCS=15kHz SISO 10MHz NTNV							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	829	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	836.5	Edge_1RB_Left	Refer To Test Graph				Pass
	844	Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM QPSK	829	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	836.5	Edge_1RB_Left	Refer To Test Graph				Pass
	844	Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
CP-OFDM QPSK	829	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	836.5	Edge_1RB_Left	Refer To Test Graph				Pass
	844	Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass

5.1.3 15k_SISO_15MHz_NTNV

5G NR n5 SCS=15kHz SISO 15MHz NTNV				
Modulation	Frequency	RB	Spurious Emission	Verdict

	(MHz)	Allocation	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	831.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	836.5	Edge_1RB_Left	Refer To Test Graph				Pass
	841.5	Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM QPSK	831.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	836.5	Edge_1RB_Left	Refer To Test Graph				Pass
	841.5	Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
CP-OFDM QPSK	831.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	836.5	Edge_1RB_Left	Refer To Test Graph				Pass
	841.5	Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass

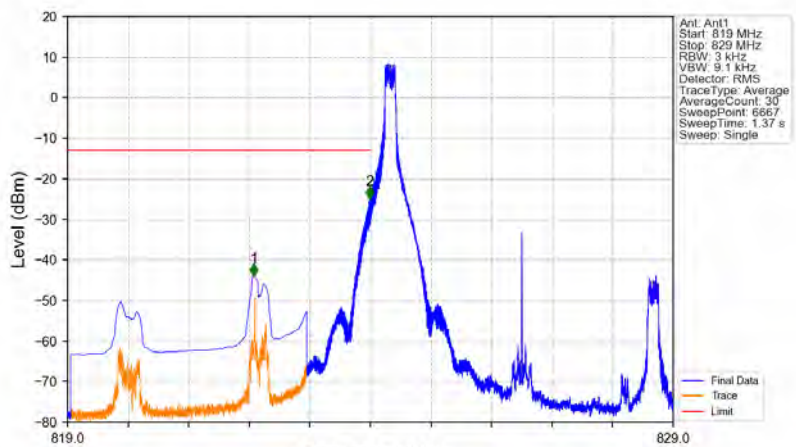
5.1.4 15k_SISO_20MHz_NTNV

5G NR n5 SCS=15kHz SISO 20MHz NTNV							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	834	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	836.5	Edge_1RB_Left	Refer To Test Graph				Pass
	839	Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM QPSK	834	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	836.5	Edge_1RB_Left	Refer To Test Graph				Pass
	839	Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
CP-OFDM QPSK	834	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	836.5	Edge_1RB_Left	Refer To Test Graph				Pass
	839	Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass

5.2 Test Graph

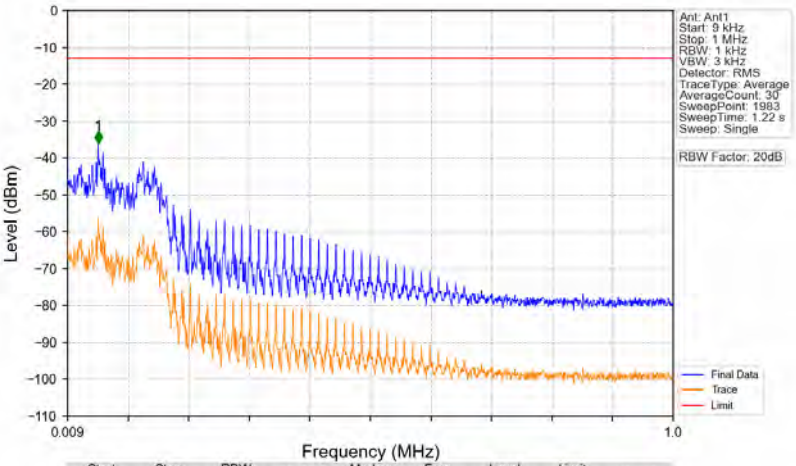
5.2.1 15k_SISO_5MHz_NTNV

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_826.5MHz_Edge_1RB_Left



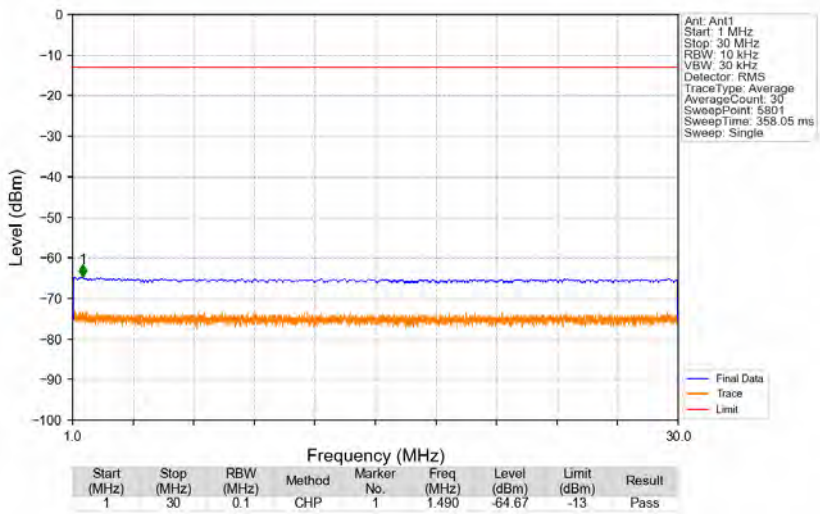
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.075	-44.08	-13	Pass
823	824	0.003	/	2	823.992	-24.97	-13	Pass
824	829	0.003	/	/	/	/	/	/

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_826.5MHz_Edge_1RB_Left



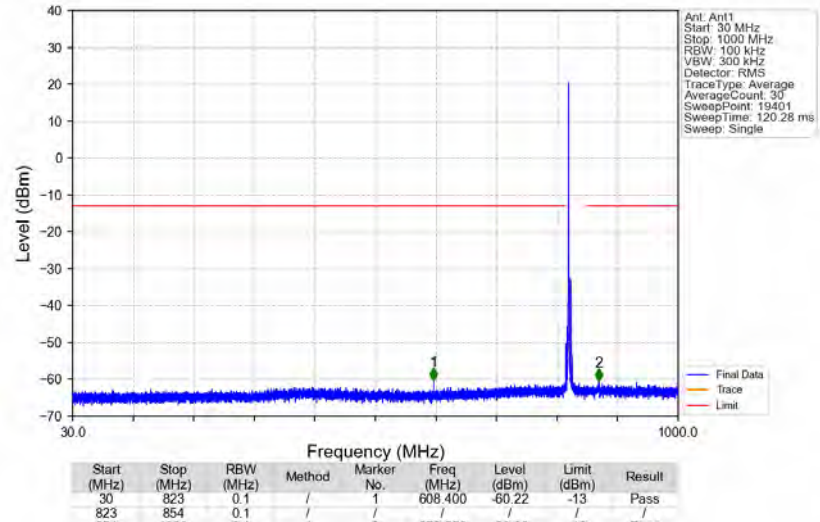
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
0.009	1	0.1	/	1	0.059	-36.07	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_826.5MHz_Edge_1RB_Left



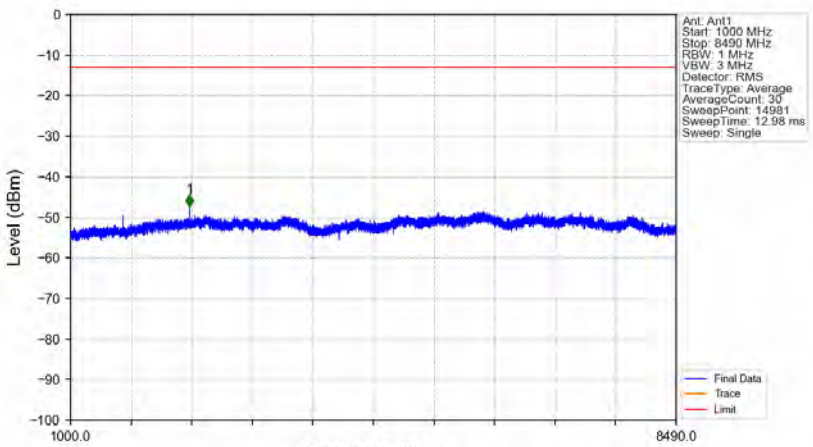
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1	30	0.1	CHP	1	1.490	-64.67	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_826.5MHz_Edge_1RB_Left



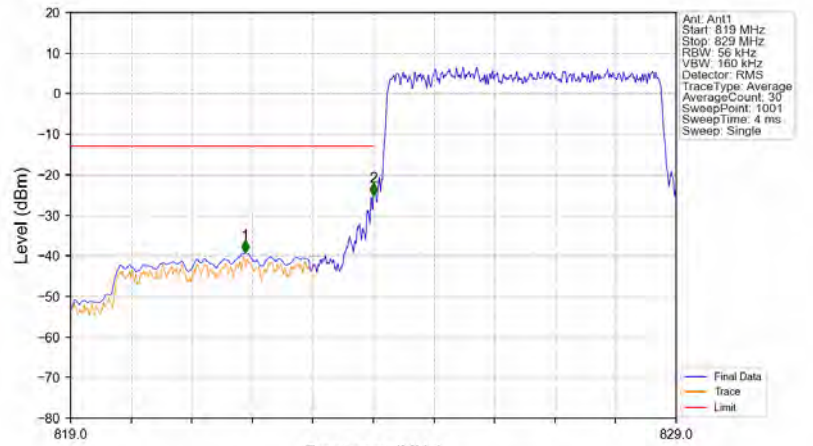
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	608.400	-60.22	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	872.550	-60.39	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_826.5MHz_Edge_1RB_Left



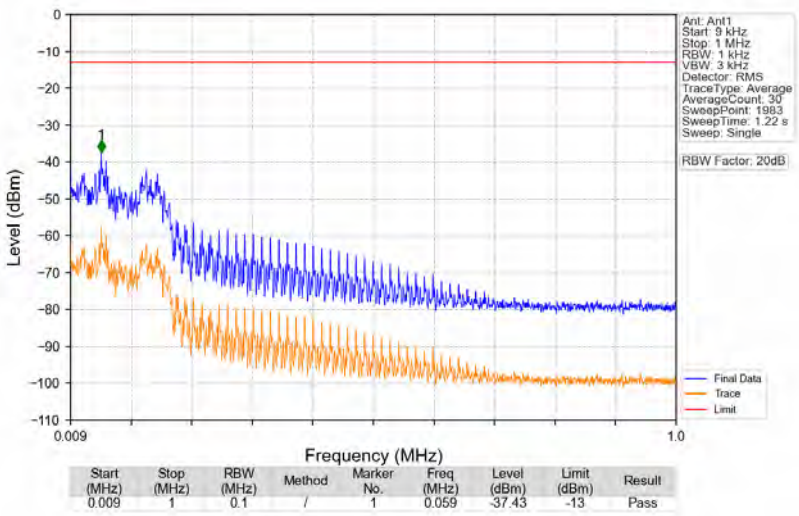
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	2473.000	-47.39	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_826.5MHz_Outer_Full



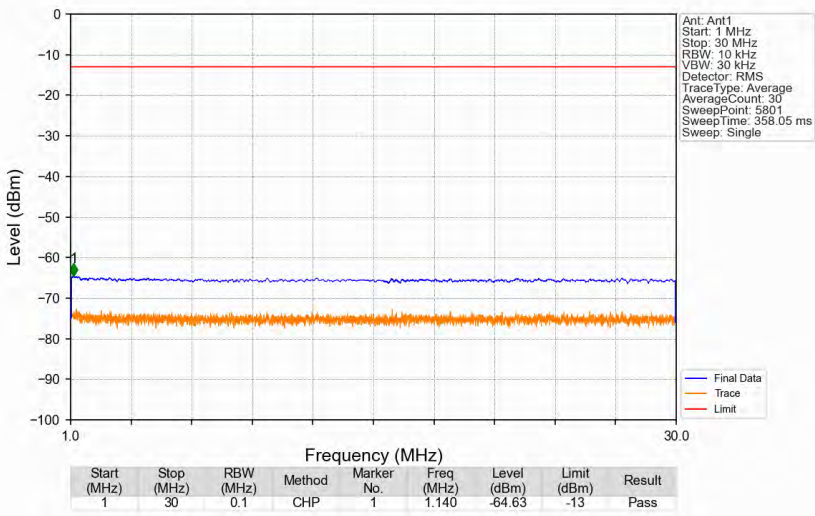
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	821.880	-39.33	-13	Pass
823	824	0.056	/	2	824.000	-25.20	-13	Pass
824	829	0.056	/	/	/	/	/	/

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_836.5MHz_Edge_1RB_Left



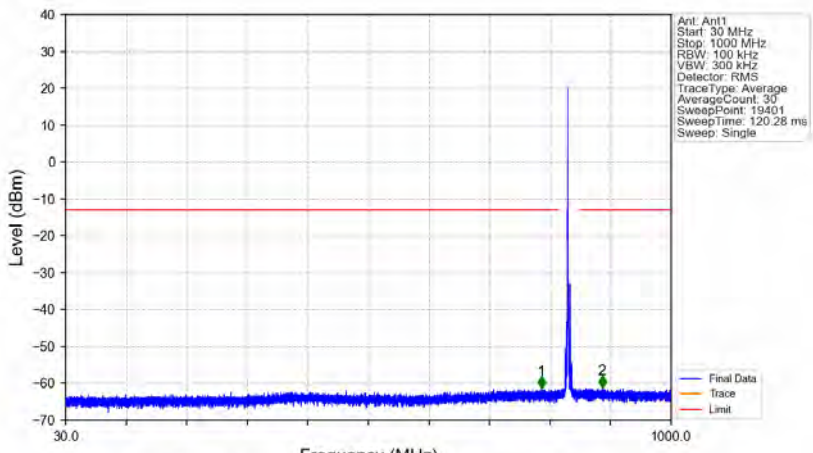
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
0.009	1	0.1	/	1	0.059	-37.43	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_836.5MHz_Edge_1RB_Left



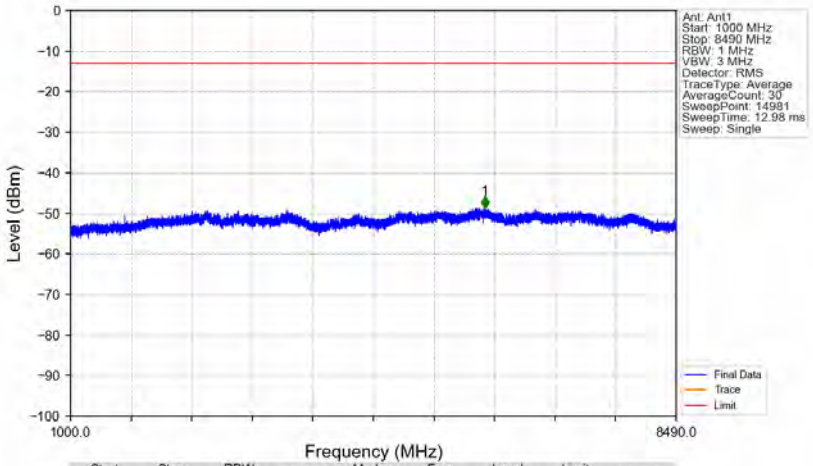
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1	30	0.1	CHP	1	1.140	-64.63	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_836.5MHz_Edge_1RB_Left



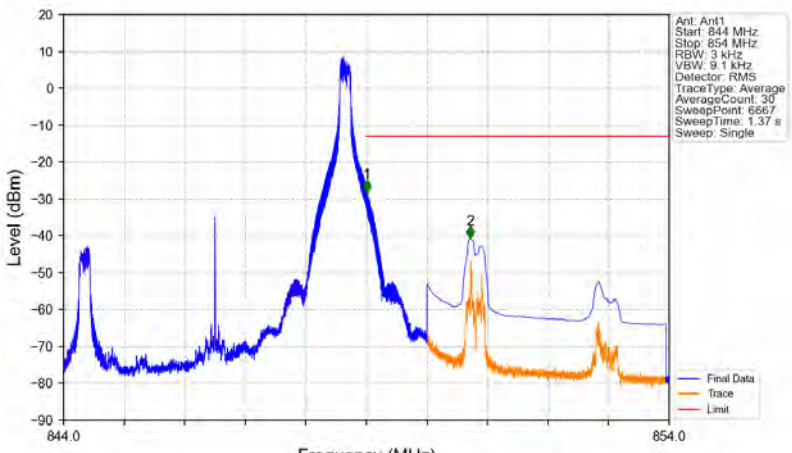
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	792.250	-61.45	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	889.500	-61.21	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_836.5MHz_Edge_1RB_Left



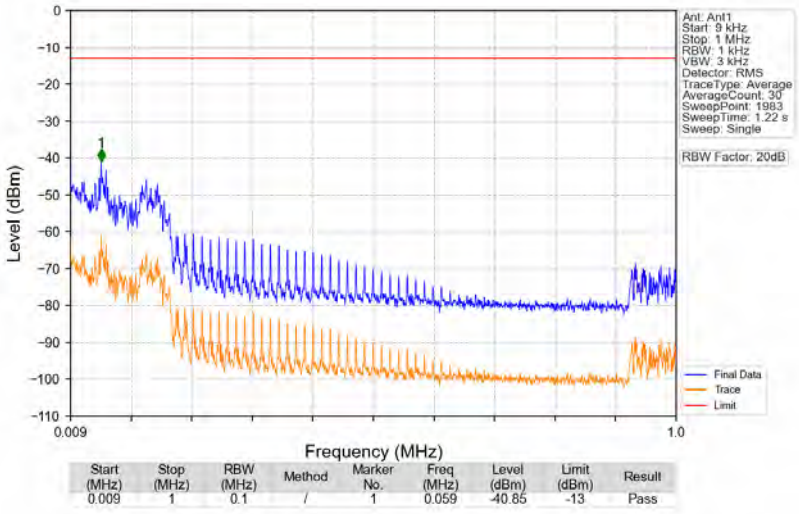
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	6125.000	-48.80	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_846.5MHz_Edge_1RB_Right



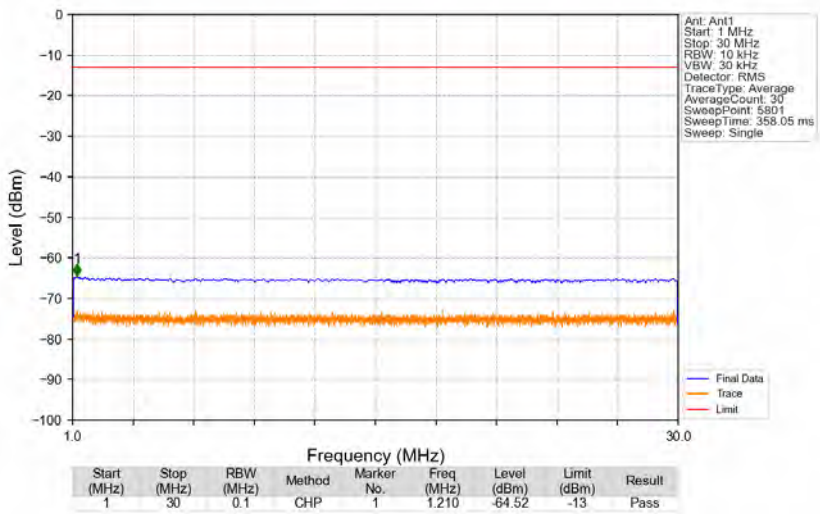
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.008	-28.23	-13	Pass
850	854	0.1	CHP	2	850.716	-40.79	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_846.5MHz_Edge_1RB_Right



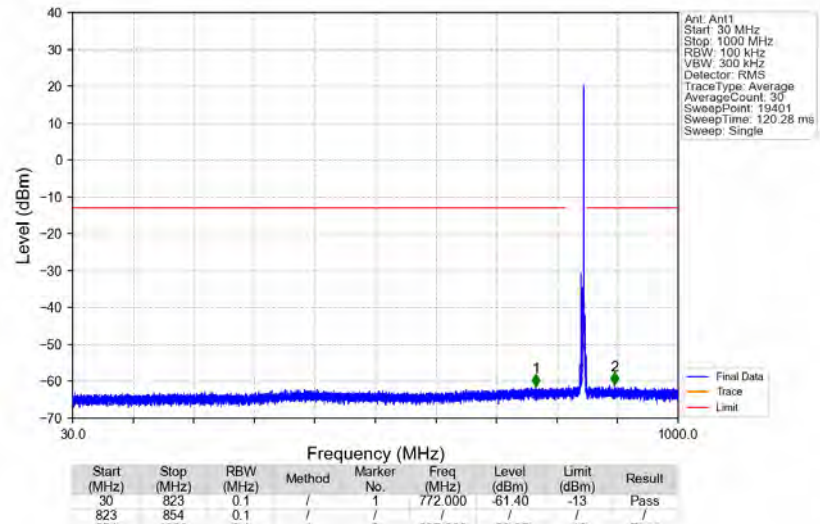
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
0.009	1	0.1	/	1	0.059	-40.85	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_846.5MHz_Edge_1RB_Right



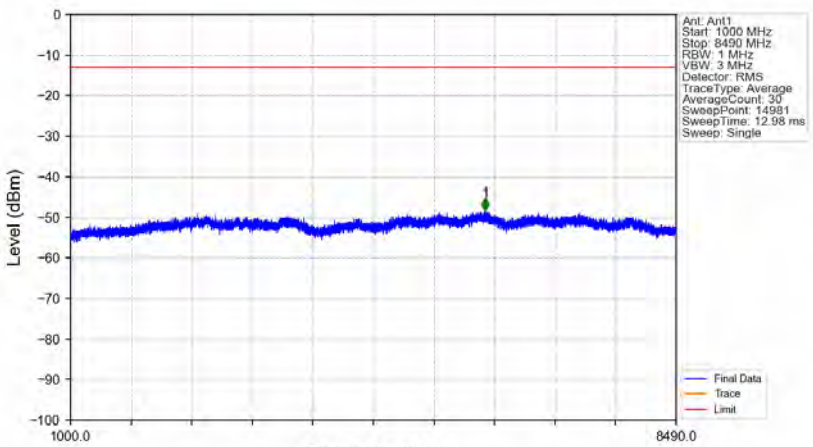
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1	30	0.1	CHP	1	1.210	-64.52	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_846.5MHz_Edge_1RB_Right



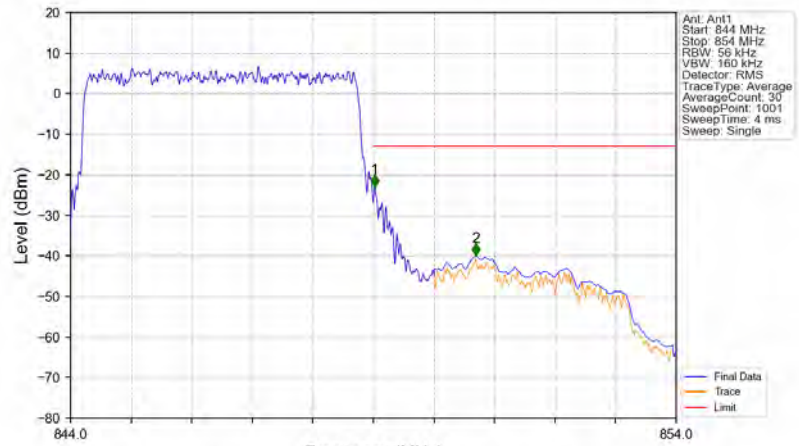
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	772.000	-61.40	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	897.600	-60.95	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_846.5MHz_Edge_1RB_Right



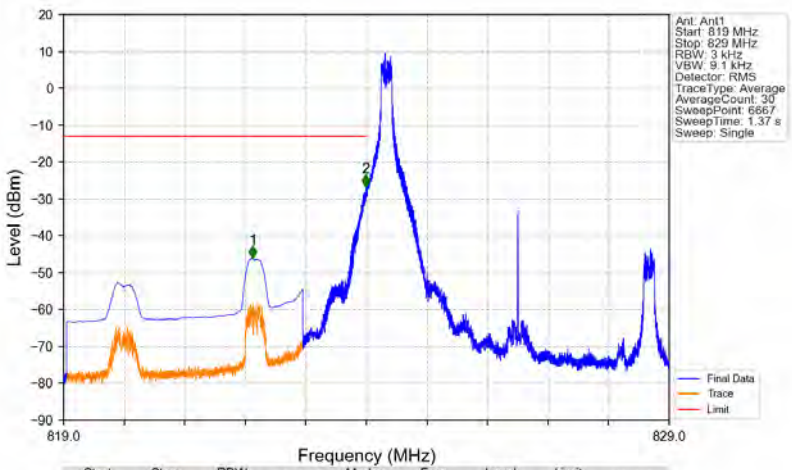
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	6129.500	-48.39	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_846.5MHz_Outer_Full



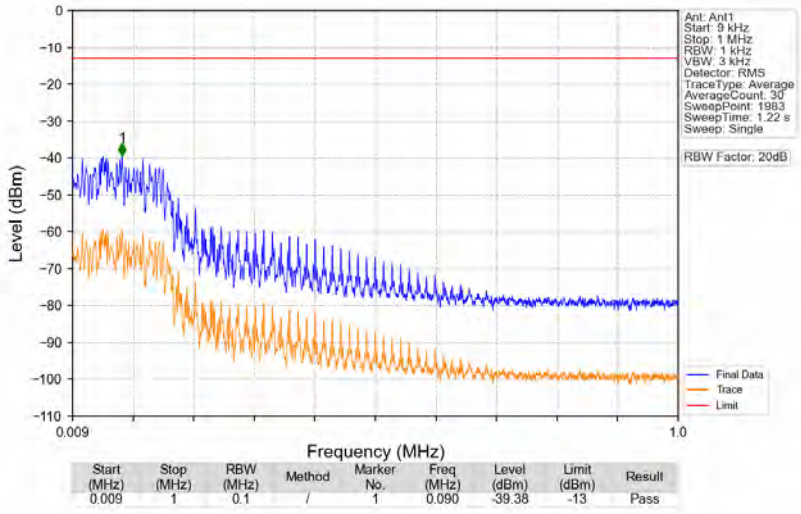
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.056	/	/	/	/	/	/
849	850	0.056	/	1	849.020	-23.01	-13	Pass
850	854	0.1	CHP	2	850.690	-40.04	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_826.5MHz_Edge_1RB_Left



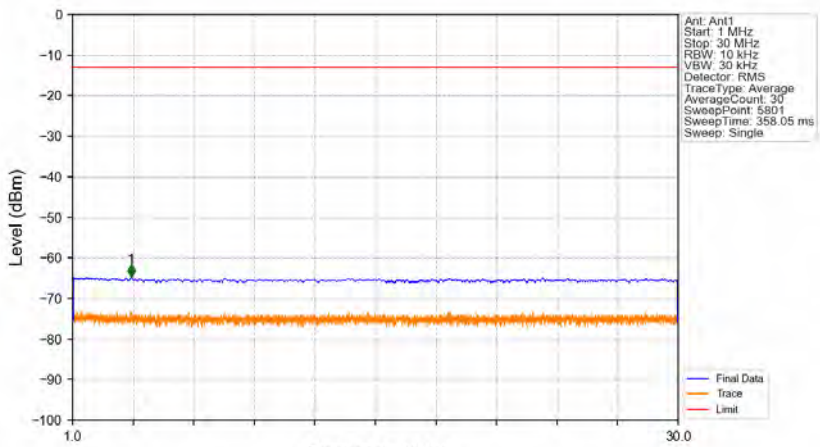
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.126	-46.09	-13	Pass
823	824	0.003	/	2	823.992	-26.68	-13	Pass
824	829	0.003	/	/	/	/	/	/

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_826.5MHz_Edge_1RB_Left



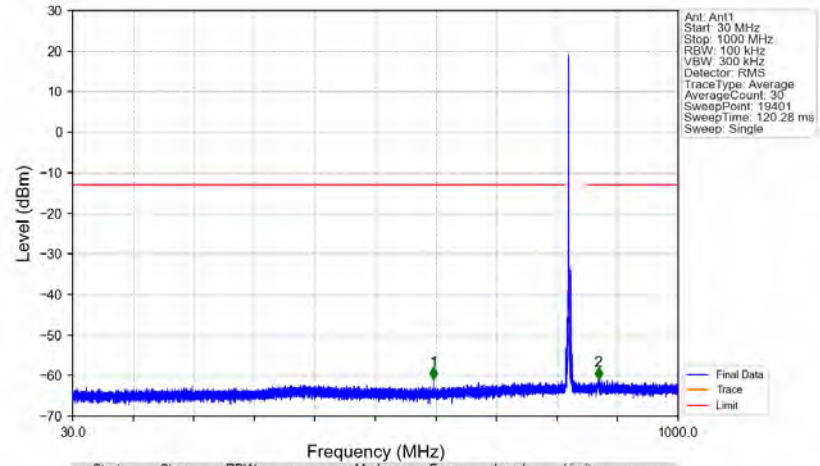
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
0.009	1	0.1	/	1	0.090	-39.38	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_826.5MHz_Edge_1RB_Left



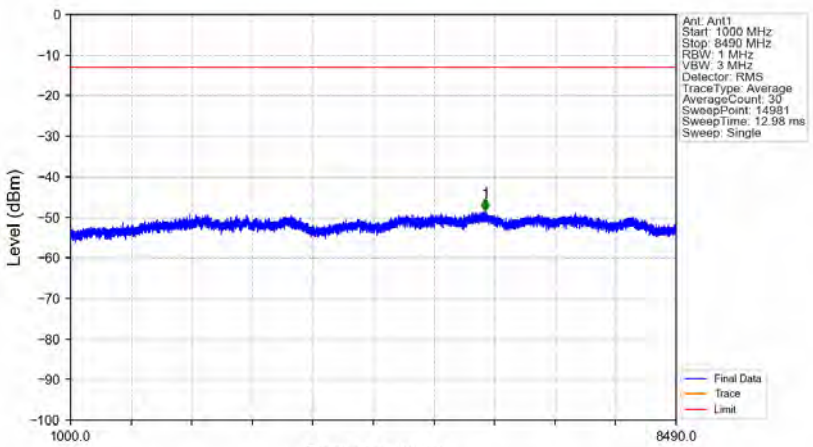
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1	30	0.1	CHP	1	3.805	-64.73	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_826.5MHz_Edge_1RB_Left



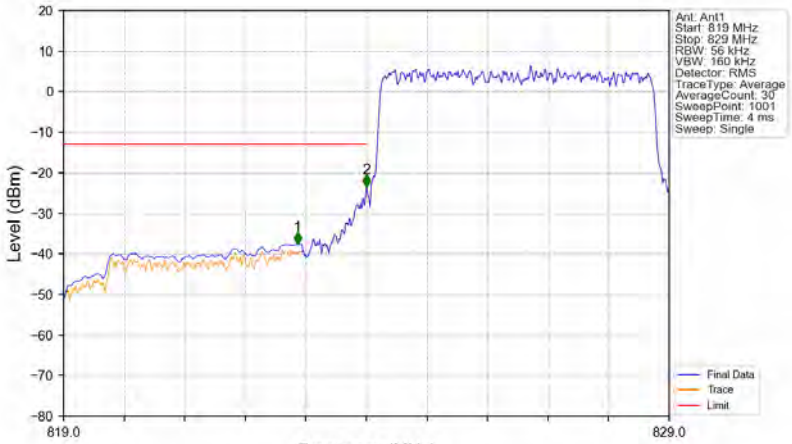
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	608.400	-61.04	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	872.250	-61.04	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_826.5MHz_Edge_1RB_Left



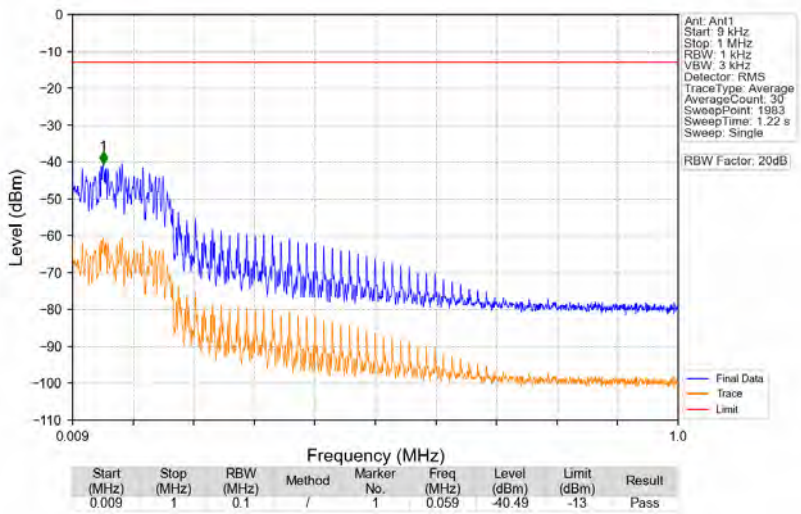
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	6130.500	-48.58	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_826.5MHz_Outer_Full



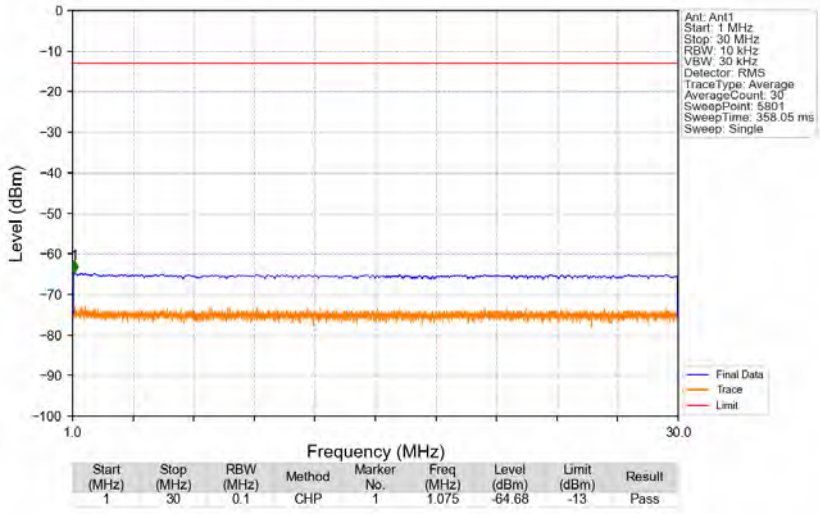
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.860	-37.68	-13	Pass
823	824	0.056	/	2	824.000	-23.60	-13	Pass
824	829	0.056	/	/	/	/	/	/

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_836.5MHz_Edge_1RB_Left



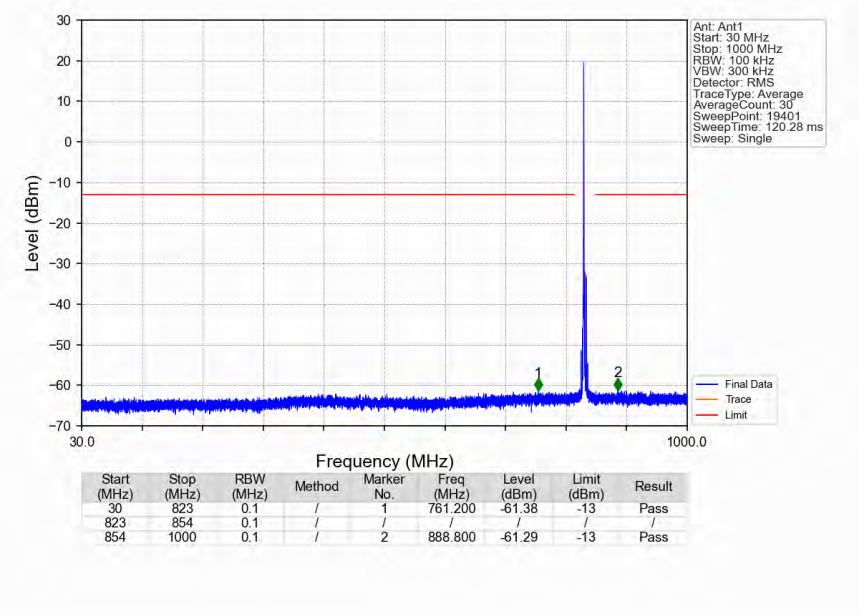
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
0.009	1	0.1	/	1	0.059	-40.49	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_836.5MHz_Edge_1RB_Left



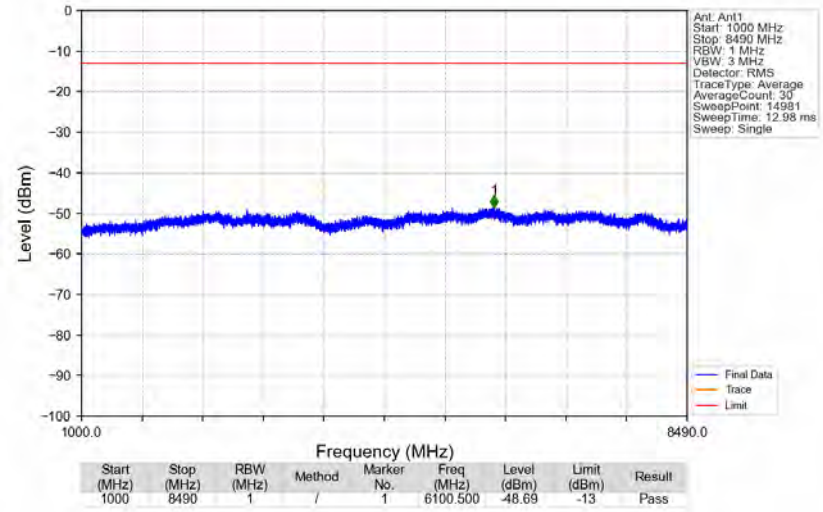
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1	30	0.1	CHP	1	1.075	-64.68	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_836.5MHz_Edge_1RB_Left



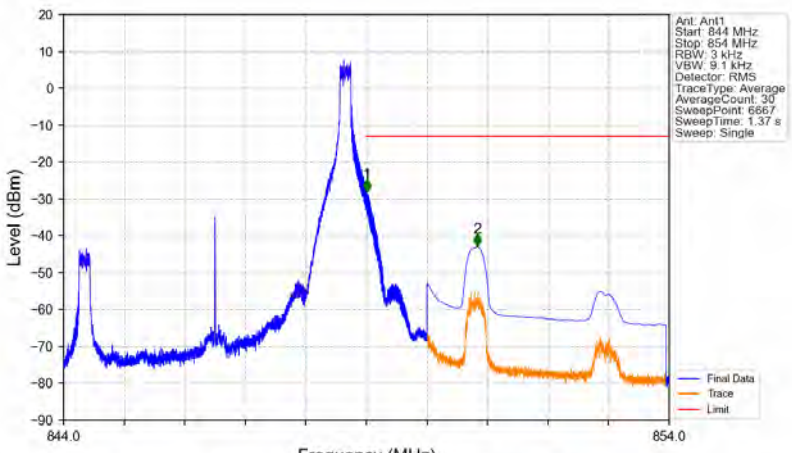
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	761.200	-61.38	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	888.800	-61.29	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_836.5MHz_Edge_1RB_Left



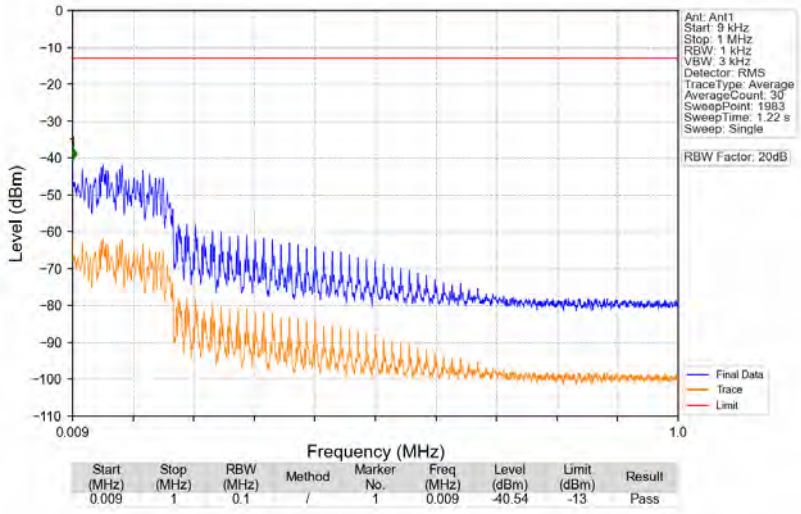
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	6100.500	-48.69	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_846.5MHz_Edge_1RB_Right



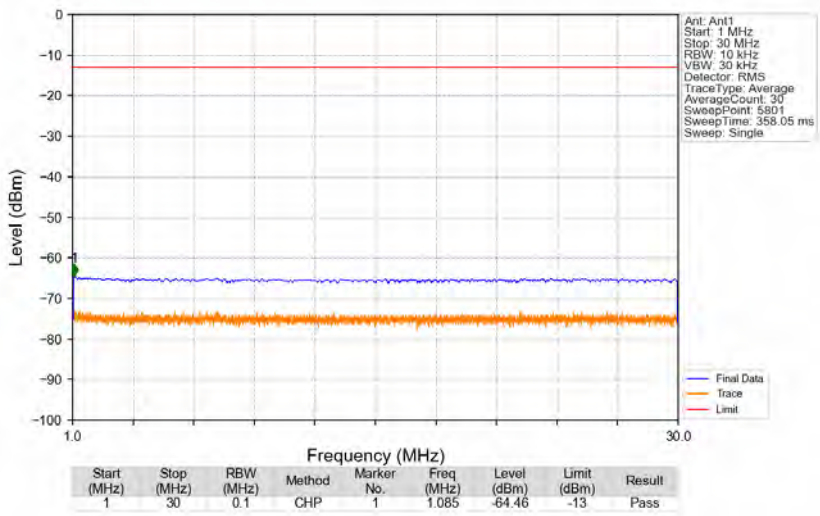
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.006	-28.06	-13	Pass
850	854	0.1	CHP	2	850.835	-42.91	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_846.5MHz_Edge_1RB_Right



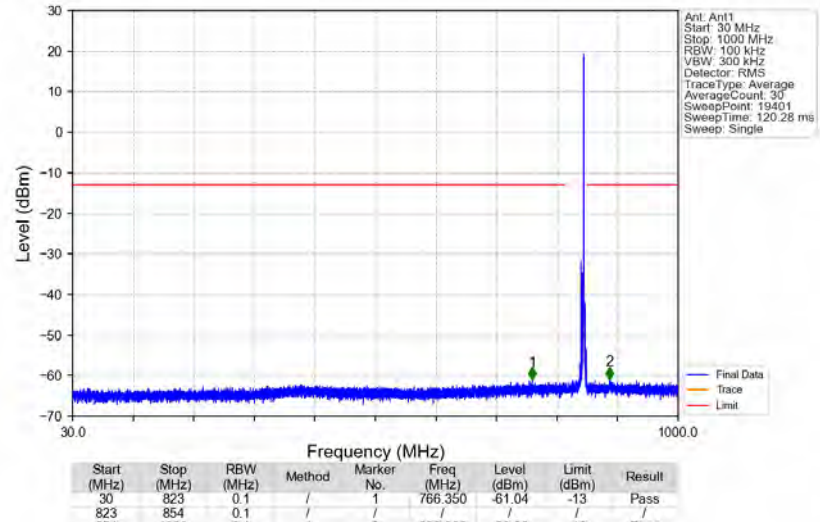
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
0.009	1	0.1	/	1	0.009	-40.54	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_846.5MHz_Edge_1RB_Right



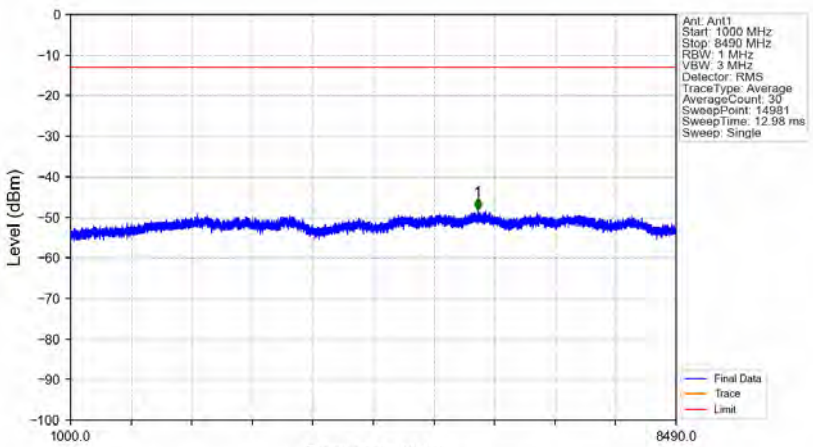
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1	30	0.1	CHP	1	1.085	-64.46	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_846.5MHz_Edge_1RB_Right



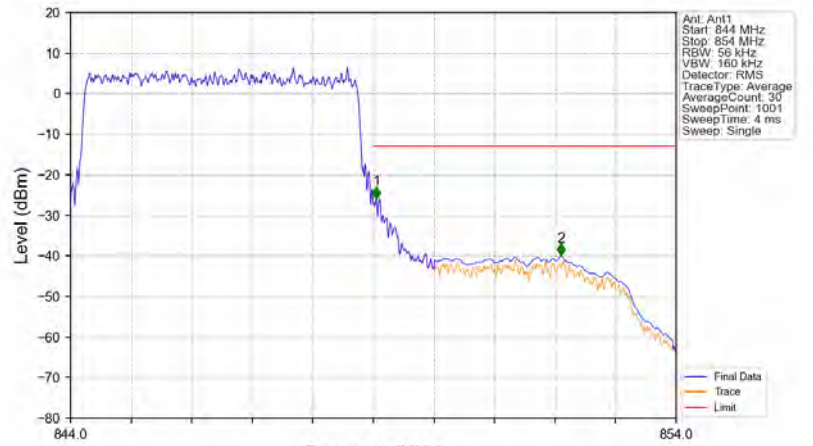
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	766.350	-61.04	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	890.300	-60.93	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_846.5MHz_Edge_1RB_Right



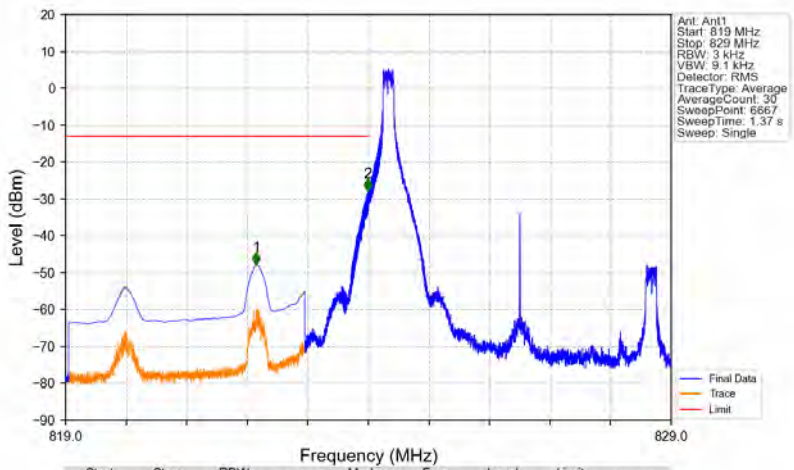
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	6035.000	-48.25	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_846.5MHz_Outer_Full



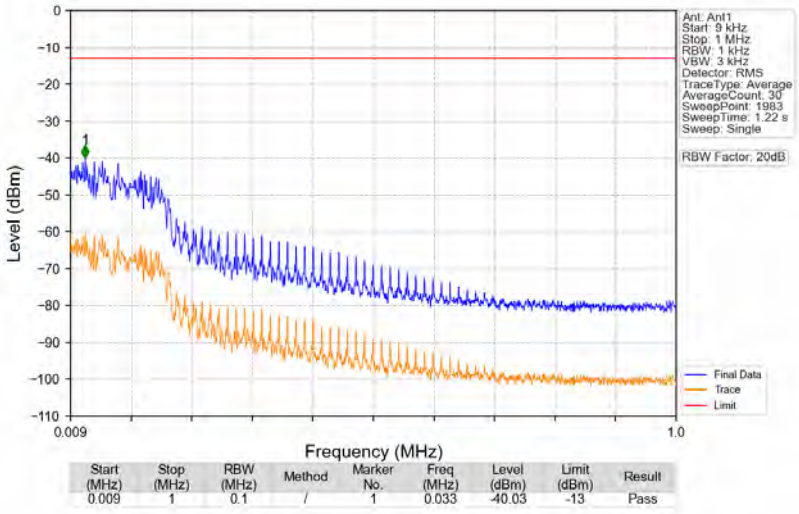
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.056	/	/	/	/	/	/
849	850	0.056	/	1	849.050	-25.95	-13	Pass
850	854	0.1	CHP	2	852.100	-39.97	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_826.5MHz_Edge_1RB_Left



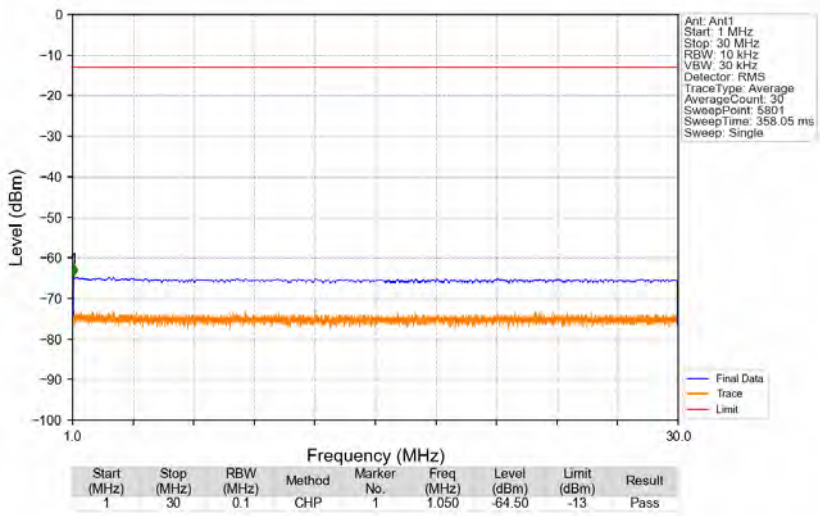
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.146	-47.84	-13	Pass
823	824	0.003	/	2	823.992	-27.93	-13	Pass
824	829	0.003	/	/	/	/	/	/

n5_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_826.5MHz_Edge_1RB_Left



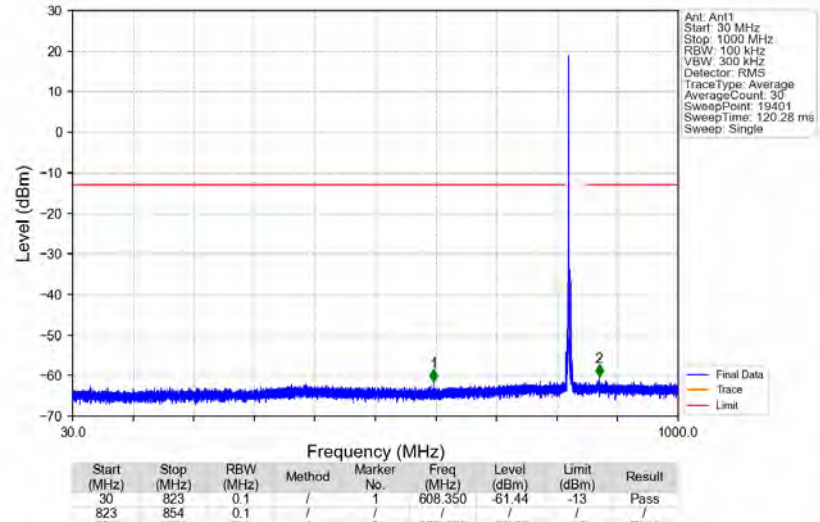
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
0.009	1	0.1	/	1	0.033	-40.03	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_826.5MHz_Edge_1RB_Left



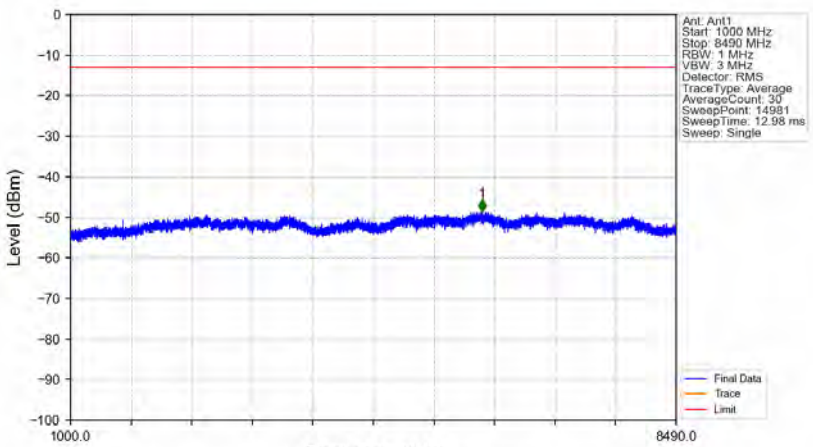
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1	30	0.1	CHP	1	1.050	-64.50	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_826.5MHz_Edge_1RB_Left



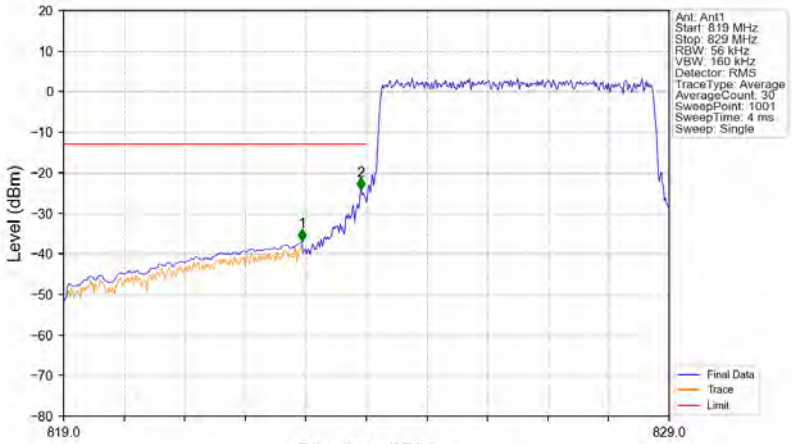
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	608.350	-61.44	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	873.350	-60.23	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_826.5MHz_Edge_1RB_Left



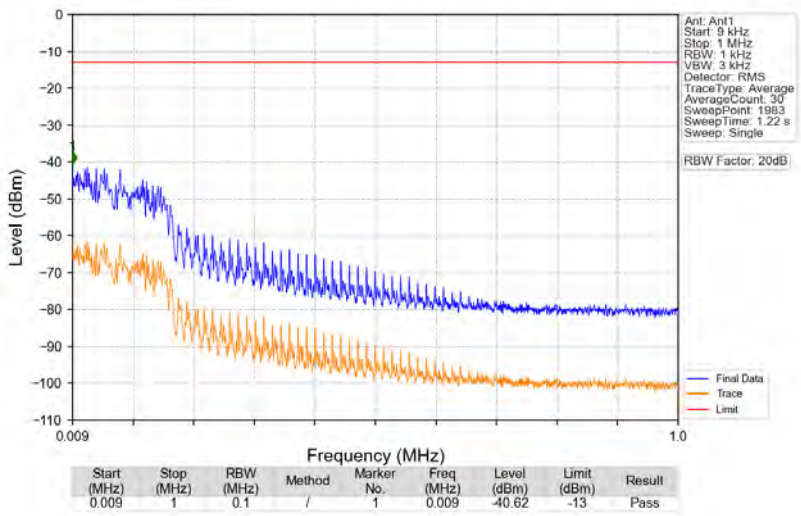
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	6087.500	-48.60	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_826.5MHz_Outer_Full



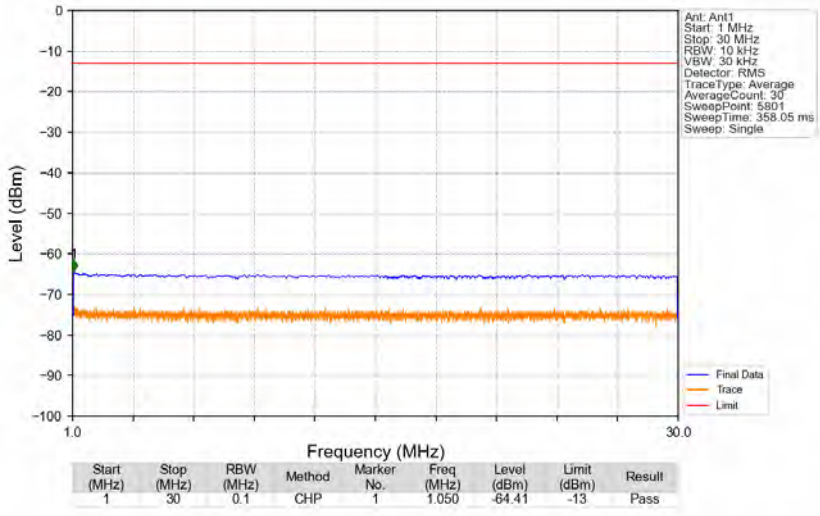
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.940	-36.89	-13	Pass
823	824	0.056	/	2	823.910	-24.28	-13	Pass
824	829	0.056	/	/	/	/	/	/

n5_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_836.5MHz_Edge_1RB_Left



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
0.009	1	0.1	/	1	0.009	-40.62	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_836.5MHz_Edge_1RB_Left



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1	30	0.1	CHP	1	1.050	-64.41	-13	Pass