

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 15_S_5M_NTNV_ERP

5G NR n5 SCS=15kHz SISO 5MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			ERP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	826.5	Outer Full	23.17	/	/	23.70	/	/	<=38.5	Pass
		Inner Full	23.70	/	/	24.23	/	/	<=38.5	Pass
		Inner 1RB Left	23.73	/	/	24.26	/	/	<=38.5	Pass
		Inner 1RB Right	23.61	/	/	24.14	/	/	<=38.5	Pass
	836.5	Outer Full	22.90	/	/	23.43	/	/	<=38.5	Pass
		Inner Full	23.55	/	/	24.08	/	/	<=38.5	Pass
		Inner 1RB Left	23.55	/	/	24.08	/	/	<=38.5	Pass
		Inner 1RB Right	23.38	/	/	23.91	/	/	<=38.5	Pass
	846.5	Outer Full	22.93	/	/	23.46	/	/	<=38.5	Pass
		Inner Full	23.51	/	/	24.04	/	/	<=38.5	Pass
		Inner 1RB Left	23.50	/	/	24.03	/	/	<=38.5	Pass
		Inner 1RB Right	23.47	/	/	24.00	/	/	<=38.5	Pass
DFT-s-OFDM QPSK	826.5	Outer Full	22.62	/	/	23.15	/	/	<=38.5	Pass
		Inner Full	23.66	/	/	24.19	/	/	<=38.5	Pass
		Inner 1RB Left	23.75	/	/	24.28	/	/	<=38.5	Pass
		Inner 1RB Right	23.59	/	/	24.12	/	/	<=38.5	Pass
	836.5	Outer Full	22.43	/	/	22.96	/	/	<=38.5	Pass
		Inner Full	23.43	/	/	23.96	/	/	<=38.5	Pass
		Inner 1RB Left	23.53	/	/	24.06	/	/	<=38.5	Pass
		Inner 1RB Right	23.47	/	/	24.00	/	/	<=38.5	Pass
	846.5	Outer Full	22.48	/	/	23.01	/	/	<=38.5	Pass
		Inner Full	23.46	/	/	23.99	/	/	<=38.5	Pass
		Inner 1RB Left	23.44	/	/	23.97	/	/	<=38.5	Pass
		Inner 1RB Right	23.47	/	/	24.00	/	/	<=38.5	Pass
DFT-s-OFDM 16 QAM	826.5	Outer Full	21.63	/	/	22.16	/	/	<=38.5	Pass
		Inner Full	22.68	/	/	23.21	/	/	<=38.5	Pass
		Inner 1RB Left	22.56	/	/	23.09	/	/	<=38.5	Pass
		Inner 1RB Right	22.40	/	/	22.93	/	/	<=38.5	Pass
	836.5	Outer Full	21.51	/	/	22.04	/	/	<=38.5	Pass
		Inner Full	22.52	/	/	23.05	/	/	<=38.5	Pass
		Inner 1RB Left	22.52	/	/	23.05	/	/	<=38.5	Pass
		Inner 1RB Right	22.27	/	/	22.80	/	/	<=38.5	Pass
	846.5	Outer Full	21.60	/	/	22.13	/	/	<=38.5	Pass
		Inner Full	22.54	/	/	23.07	/	/	<=38.5	Pass
		Inner 1RB Left	22.36	/	/	22.89	/	/	<=38.5	Pass
		Inner 1RB Right	22.32	/	/	22.85	/	/	<=38.5	Pass
DFT-s-OFDM 64 QAM	826.5	Outer Full	21.17	/	/	21.70	/	/	<=38.5	Pass
		Inner Full	21.25	/	/	21.78	/	/	<=38.5	Pass
		Inner 1RB Left	21.36	/	/	21.89	/	/	<=38.5	Pass
		Inner 1RB Right	21.36	/	/	21.89	/	/	<=38.5	Pass
	836.5	Outer Full	20.97	/	/	21.50	/	/	<=38.5	Pass
		Inner Full	21.06	/	/	21.59	/	/	<=38.5	Pass
		Inner 1RB Left	21.17	/	/	21.70	/	/	<=38.5	Pass
		Inner 1RB Right	21.09	/	/	21.62	/	/	<=38.5	Pass
	846.5	Outer Full	20.97	/	/	21.50	/	/	<=38.5	Pass
		Inner Full	20.93	/	/	21.46	/	/	<=38.5	Pass
		Inner 1RB Left	21.22	/	/	21.75	/	/	<=38.5	Pass
		Inner 1RB Right	21.17	/	/	21.70	/	/	<=38.5	Pass
DFT-s-OFDM 256 QAM	826.5	Outer Full	19.15	/	/	19.68	/	/	<=38.5	Pass
		Inner Full	19.15	/	/	19.68	/	/	<=38.5	Pass
		Inner 1RB Left	18.65	/	/	19.18	/	/	<=38.5	Pass
		Inner 1RB Right	18.65	/	/	19.18	/	/	<=38.5	Pass

	836.5	Outer Full	18.95	/	/	19.48	/	/	<=38.5	Pass
		Inner Full	19.00	/	/	19.53	/	/	<=38.5	Pass
		Inner 1RB Left	18.53	/	/	19.06	/	/	<=38.5	Pass
		Inner 1RB Right	18.42	/	/	18.95	/	/	<=38.5	Pass
	846.5	Outer Full	18.94	/	/	19.47	/	/	<=38.5	Pass
		Inner Full	18.95	/	/	19.48	/	/	<=38.5	Pass
		Inner 1RB Left	18.45	/	/	18.98	/	/	<=38.5	Pass
		Inner 1RB Right	18.46	/	/	18.99	/	/	<=38.5	Pass
CP-OFDM QPSK	826.5	Outer Full	20.74	/	/	21.27	/	/	<=38.5	Pass
		Inner Full	22.17	/	/	22.70	/	/	<=38.5	Pass
		Inner 1RB Left	22.06	/	/	22.59	/	/	<=38.5	Pass
		Inner 1RB Right	22.08	/	/	22.61	/	/	<=38.5	Pass
	836.5	Outer Full	20.58	/	/	21.11	/	/	<=38.5	Pass
		Inner Full	21.98	/	/	22.51	/	/	<=38.5	Pass
		Inner 1RB Left	22.10	/	/	22.63	/	/	<=38.5	Pass
		Inner 1RB Right	22.05	/	/	22.58	/	/	<=38.5	Pass
	846.5	Outer Full	20.53	/	/	21.06	/	/	<=38.5	Pass
		Inner Full	21.89	/	/	22.42	/	/	<=38.5	Pass
		Inner 1RB Left	21.98	/	/	22.51	/	/	<=38.5	Pass
		Inner 1RB Right	22.02	/	/	22.55	/	/	<=38.5	Pass
CP-OFDM 16 QAM	826.5	Outer Full	20.83	/	/	21.36	/	/	<=38.5	Pass
		Inner Full	21.47	/	/	22.00	/	/	<=38.5	Pass
		Inner 1RB Left	21.73	/	/	22.26	/	/	<=38.5	Pass
		Inner 1RB Right	21.51	/	/	22.04	/	/	<=38.5	Pass
	836.5	Outer Full	20.58	/	/	21.11	/	/	<=38.5	Pass
		Inner Full	21.35	/	/	21.88	/	/	<=38.5	Pass
		Inner 1RB Left	21.73	/	/	22.26	/	/	<=38.5	Pass
		Inner 1RB Right	21.58	/	/	22.11	/	/	<=38.5	Pass
	846.5	Outer Full	20.61	/	/	21.14	/	/	<=38.5	Pass
		Inner Full	21.32	/	/	21.85	/	/	<=38.5	Pass
		Inner 1RB Left	21.63	/	/	22.16	/	/	<=38.5	Pass
		Inner 1RB Right	21.68	/	/	22.21	/	/	<=38.5	Pass
CP-OFDM 64 QAM	826.5	Outer Full	20.17	/	/	20.70	/	/	<=38.5	Pass
		Inner Full	20.12	/	/	20.65	/	/	<=38.5	Pass
		Inner 1RB Left	20.33	/	/	20.86	/	/	<=38.5	Pass
		Inner 1RB Right	20.30	/	/	20.83	/	/	<=38.5	Pass
	836.5	Outer Full	20.00	/	/	20.53	/	/	<=38.5	Pass
		Inner Full	20.06	/	/	20.59	/	/	<=38.5	Pass
		Inner 1RB Left	20.21	/	/	20.74	/	/	<=38.5	Pass
		Inner 1RB Right	20.08	/	/	20.61	/	/	<=38.5	Pass
	846.5	Outer Full	19.95	/	/	20.48	/	/	<=38.5	Pass
		Inner Full	19.95	/	/	20.48	/	/	<=38.5	Pass
		Inner 1RB Left	20.10	/	/	20.63	/	/	<=38.5	Pass
		Inner 1RB Right	20.07	/	/	20.60	/	/	<=38.5	Pass
CP-OFDM 256 QAM	826.5	Outer Full	17.14	/	/	17.67	/	/	<=38.5	Pass
		Inner Full	17.12	/	/	17.65	/	/	<=38.5	Pass
		Inner 1RB Left	16.72	/	/	17.25	/	/	<=38.5	Pass
		Inner 1RB Right	16.69	/	/	17.22	/	/	<=38.5	Pass
	836.5	Outer Full	17.01	/	/	17.54	/	/	<=38.5	Pass
		Inner Full	17.06	/	/	17.59	/	/	<=38.5	Pass
		Inner 1RB Left	16.58	/	/	17.11	/	/	<=38.5	Pass
		Inner 1RB Right	16.47	/	/	17.00	/	/	<=38.5	Pass
	846.5	Outer Full	16.95	/	/	17.48	/	/	<=38.5	Pass
		Inner Full	17.00	/	/	17.53	/	/	<=38.5	Pass
		Inner 1RB Left	16.55	/	/	17.08	/	/	<=38.5	Pass
		Inner 1RB Right	16.46	/	/	16.99	/	/	<=38.5	Pass

Note1: Antenna Gain: Ant1: 2.68dBi;

Note2: ERP=Conducted Power+Antenna Gain-2.15

1.1.2 15_S_10M_NTNV_ERP

5G NR n5 SCS=15kHz SISO 10MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			ERP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	829	Outer Full	23.14	/	/	23.67	/	/	<=38.5	Pass
		Inner Full	23.72	/	/	24.25	/	/	<=38.5	Pass
		Inner 1RB Left	23.67	/	/	24.20	/	/	<=38.5	Pass
		Inner 1RB Right	23.72	/	/	24.25	/	/	<=38.5	Pass
	836.5	Outer Full	22.98	/	/	23.51	/	/	<=38.5	Pass
		Inner Full	23.60	/	/	24.13	/	/	<=38.5	Pass
		Inner 1RB Left	23.45	/	/	23.98	/	/	<=38.5	Pass
		Inner 1RB Right	23.46	/	/	23.99	/	/	<=38.5	Pass
	844	Outer Full	22.98	/	/	23.51	/	/	<=38.5	Pass
		Inner Full	23.52	/	/	24.05	/	/	<=38.5	Pass
		Inner 1RB Left	23.43	/	/	23.96	/	/	<=38.5	Pass
		Inner 1RB Right	23.51	/	/	24.04	/	/	<=38.5	Pass
DFT-s-OFDM QPSK	829	Outer Full	22.59	/	/	23.12	/	/	<=38.5	Pass
		Inner Full	23.58	/	/	24.11	/	/	<=38.5	Pass
		Inner 1RB Left	23.67	/	/	24.20	/	/	<=38.5	Pass
		Inner 1RB Right	23.68	/	/	24.21	/	/	<=38.5	Pass
	836.5	Outer Full	22.47	/	/	23.00	/	/	<=38.5	Pass
		Inner Full	23.51	/	/	24.04	/	/	<=38.5	Pass
		Inner 1RB Left	23.61	/	/	24.14	/	/	<=38.5	Pass
		Inner 1RB Right	23.41	/	/	23.94	/	/	<=38.5	Pass
	844	Outer Full	22.43	/	/	22.96	/	/	<=38.5	Pass
		Inner Full	23.53	/	/	24.06	/	/	<=38.5	Pass
		Inner 1RB Left	23.39	/	/	23.92	/	/	<=38.5	Pass
		Inner 1RB Right	23.45	/	/	23.98	/	/	<=38.5	Pass
DFT-s-OFDM 16 QAM	829	Outer Full	21.56	/	/	22.09	/	/	<=38.5	Pass
		Inner Full	22.70	/	/	23.23	/	/	<=38.5	Pass
		Inner 1RB Left	22.61	/	/	23.14	/	/	<=38.5	Pass
		Inner 1RB Right	22.66	/	/	23.19	/	/	<=38.5	Pass
	836.5	Outer Full	21.54	/	/	22.07	/	/	<=38.5	Pass
		Inner Full	22.46	/	/	22.99	/	/	<=38.5	Pass
		Inner 1RB Left	22.47	/	/	23.00	/	/	<=38.5	Pass
		Inner 1RB Right	22.46	/	/	22.99	/	/	<=38.5	Pass
	844	Outer Full	21.42	/	/	21.95	/	/	<=38.5	Pass
		Inner Full	22.52	/	/	23.05	/	/	<=38.5	Pass
		Inner 1RB Left	22.27	/	/	22.80	/	/	<=38.5	Pass
		Inner 1RB Right	22.57	/	/	23.10	/	/	<=38.5	Pass
DFT-s-OFDM 64 QAM	829	Outer Full	21.15	/	/	21.68	/	/	<=38.5	Pass
		Inner Full	21.14	/	/	21.67	/	/	<=38.5	Pass
		Inner 1RB Left	21.22	/	/	21.75	/	/	<=38.5	Pass
		Inner 1RB Right	21.28	/	/	21.81	/	/	<=38.5	Pass
	836.5	Outer Full	21.04	/	/	21.57	/	/	<=38.5	Pass
		Inner Full	21.03	/	/	21.56	/	/	<=38.5	Pass
		Inner 1RB Left	21.25	/	/	21.78	/	/	<=38.5	Pass
		Inner 1RB Right	21.10	/	/	21.63	/	/	<=38.5	Pass
	844	Outer Full	21.03	/	/	21.56	/	/	<=38.5	Pass
		Inner Full	20.98	/	/	21.51	/	/	<=38.5	Pass
		Inner 1RB Left	21.06	/	/	21.59	/	/	<=38.5	Pass
		Inner 1RB Right	21.06	/	/	21.59	/	/	<=38.5	Pass
DFT-s-OFDM 256 QAM	829	Outer Full	19.14	/	/	19.67	/	/	<=38.5	Pass
		Inner Full	19.01	/	/	19.54	/	/	<=38.5	Pass
		Inner 1RB Left	18.50	/	/	19.03	/	/	<=38.5	Pass
		Inner 1RB Right	18.51	/	/	19.04	/	/	<=38.5	Pass
	836.5	Outer Full	18.93	/	/	19.46	/	/	<=38.5	Pass
		Inner Full	18.91	/	/	19.44	/	/	<=38.5	Pass
		Inner 1RB Left	18.45	/	/	18.98	/	/	<=38.5	Pass
		Inner 1RB Right	18.33	/	/	18.86	/	/	<=38.5	Pass
	844	Outer Full	18.98	/	/	19.51	/	/	<=38.5	Pass

CP-OFDM QPSK		Inner_Full	18.92	/	/	19.45	/	/	<=38.5	Pass
		Inner_1RB_Left	18.36	/	/	18.89	/	/	<=38.5	Pass
		Inner_1RB_Right	18.38	/	/	18.91	/	/	<=38.5	Pass
	829	Outer_Full	20.63	/	/	21.16	/	/	<=38.5	Pass
		Inner_Full	22.08	/	/	22.61	/	/	<=38.5	Pass
		Inner_1RB_Left	22.26	/	/	22.79	/	/	<=38.5	Pass
	836.5	Inner_1RB_Right	22.25	/	/	22.78	/	/	<=38.5	Pass
		Outer_Full	20.46	/	/	20.99	/	/	<=38.5	Pass
		Inner_Full	21.88	/	/	22.41	/	/	<=38.5	Pass
	844	Inner_1RB_Left	22.12	/	/	22.65	/	/	<=38.5	Pass
		Inner_1RB_Right	21.98	/	/	22.51	/	/	<=38.5	Pass
		Outer_Full	20.52	/	/	21.05	/	/	<=38.5	Pass
CP-OFDM 16 QAM	829	Inner_Full	21.92	/	/	22.45	/	/	<=38.5	Pass
		Inner_1RB_Left	21.97	/	/	22.50	/	/	<=38.5	Pass
		Inner_1RB_Right	21.98	/	/	22.51	/	/	<=38.5	Pass
	836.5	Outer_Full	20.55	/	/	21.08	/	/	<=38.5	Pass
		Inner_Full	21.47	/	/	22.00	/	/	<=38.5	Pass
		Inner_1RB_Left	21.65	/	/	22.18	/	/	<=38.5	Pass
	844	Inner_1RB_Right	21.74	/	/	22.27	/	/	<=38.5	Pass
		Outer_Full	20.51	/	/	21.04	/	/	<=38.5	Pass
		Inner_Full	21.41	/	/	21.94	/	/	<=38.5	Pass
	836.5	Inner_1RB_Left	21.70	/	/	22.23	/	/	<=38.5	Pass
		Inner_1RB_Right	21.64	/	/	22.17	/	/	<=38.5	Pass
		Outer_Full	20.50	/	/	21.03	/	/	<=38.5	Pass
CP-OFDM 64 QAM	829	Inner_Full	21.34	/	/	21.87	/	/	<=38.5	Pass
		Inner_1RB_Left	21.58	/	/	22.11	/	/	<=38.5	Pass
		Inner_1RB_Right	21.55	/	/	22.08	/	/	<=38.5	Pass
	836.5	Outer_Full	20.15	/	/	20.68	/	/	<=38.5	Pass
		Inner_Full	20.12	/	/	20.65	/	/	<=38.5	Pass
		Inner_1RB_Left	20.14	/	/	20.67	/	/	<=38.5	Pass
	844	Inner_1RB_Right	20.17	/	/	20.70	/	/	<=38.5	Pass
		Outer_Full	20.00	/	/	20.53	/	/	<=38.5	Pass
		Inner_Full	20.03	/	/	20.56	/	/	<=38.5	Pass
	836.5	Inner_1RB_Left	19.91	/	/	20.44	/	/	<=38.5	Pass
		Inner_1RB_Right	19.88	/	/	20.41	/	/	<=38.5	Pass
		Outer_Full	19.98	/	/	20.51	/	/	<=38.5	Pass
CP-OFDM 256 QAM	829	Inner_Full	19.98	/	/	20.51	/	/	<=38.5	Pass
		Inner_1RB_Left	20.06	/	/	20.59	/	/	<=38.5	Pass
		Inner_1RB_Right	20.01	/	/	20.54	/	/	<=38.5	Pass
	836.5	Outer_Full	17.04	/	/	17.57	/	/	<=38.5	Pass
		Inner_Full	17.15	/	/	17.68	/	/	<=38.5	Pass
		Inner_1RB_Left	16.58	/	/	17.11	/	/	<=38.5	Pass
	844	Inner_1RB_Right	16.66	/	/	17.19	/	/	<=38.5	Pass
		Outer_Full	16.94	/	/	17.47	/	/	<=38.5	Pass
		Inner_Full	16.94	/	/	17.47	/	/	<=38.5	Pass
	836.5	Inner_1RB_Left	16.57	/	/	17.10	/	/	<=38.5	Pass
		Inner_1RB_Right	16.51	/	/	17.04	/	/	<=38.5	Pass
		Outer_Full	16.89	/	/	17.42	/	/	<=38.5	Pass
	844	Inner_Full	16.92	/	/	17.45	/	/	<=38.5	Pass
		Inner_1RB_Left	16.38	/	/	16.91	/	/	<=38.5	Pass
		Inner_1RB_Right	16.56	/	/	17.09	/	/	<=38.5	Pass

Note1: Antenna Gain: Ant1: 2.68dBi;

Note2: ERP=Conducted Power+Antenna Gain-2.15

1.1.3 15_S_15M_NTNV_ERP

5G NR n5 SCS=15kHz SISO 15MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			ERP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	831.5	Outer_Full	23.15	/	/	23.68	/	/	<=38.5	Pass
		Inner_Full	23.62	/	/	24.15	/	/	<=38.5	Pass
		Inner_1RB_Left	23.53	/	/	24.06	/	/	<=38.5	Pass
		Inner_1RB_Right	23.53	/	/	24.06	/	/	<=38.5	Pass
	836.5	Outer_Full	23.05	/	/	23.58	/	/	<=38.5	Pass
		Inner_Full	23.60	/	/	24.13	/	/	<=38.5	Pass
		Inner_1RB_Left	23.46	/	/	23.99	/	/	<=38.5	Pass
		Inner_1RB_Right	23.30	/	/	23.83	/	/	<=38.5	Pass
	841.5	Outer_Full	22.98	/	/	23.51	/	/	<=38.5	Pass
		Inner_Full	23.58	/	/	24.11	/	/	<=38.5	Pass
		Inner_1RB_Left	23.53	/	/	24.06	/	/	<=38.5	Pass
		Inner_1RB_Right	23.43	/	/	23.96	/	/	<=38.5	Pass
DFT-s-OFDM QPSK	831.5	Outer_Full	22.62	/	/	23.15	/	/	<=38.5	Pass
		Inner_Full	23.51	/	/	24.04	/	/	<=38.5	Pass
		Inner_1RB_Left	23.49	/	/	24.02	/	/	<=38.5	Pass
		Inner_1RB_Right	23.47	/	/	24.00	/	/	<=38.5	Pass
	836.5	Outer_Full	22.51	/	/	23.04	/	/	<=38.5	Pass
		Inner_Full	23.47	/	/	24.00	/	/	<=38.5	Pass
		Inner_1RB_Left	23.38	/	/	23.91	/	/	<=38.5	Pass
		Inner_1RB_Right	23.37	/	/	23.90	/	/	<=38.5	Pass
	841.5	Outer_Full	22.43	/	/	22.96	/	/	<=38.5	Pass
		Inner_Full	23.51	/	/	24.04	/	/	<=38.5	Pass
		Inner_1RB_Left	23.49	/	/	24.02	/	/	<=38.5	Pass
		Inner_1RB_Right	23.43	/	/	23.96	/	/	<=38.5	Pass
DFT-s-OFDM 16 QAM	831.5	Outer_Full	21.66	/	/	22.19	/	/	<=38.5	Pass
		Inner_Full	22.53	/	/	23.06	/	/	<=38.5	Pass
		Inner_1RB_Left	22.46	/	/	22.99	/	/	<=38.5	Pass
		Inner_1RB_Right	22.51	/	/	23.04	/	/	<=38.5	Pass
	836.5	Outer_Full	21.62	/	/	22.15	/	/	<=38.5	Pass
		Inner_Full	22.45	/	/	22.98	/	/	<=38.5	Pass
		Inner_1RB_Left	22.44	/	/	22.97	/	/	<=38.5	Pass
		Inner_1RB_Right	22.37	/	/	22.90	/	/	<=38.5	Pass
	841.5	Outer_Full	21.56	/	/	22.09	/	/	<=38.5	Pass
		Inner_Full	22.42	/	/	22.95	/	/	<=38.5	Pass
		Inner_1RB_Left	22.45	/	/	22.98	/	/	<=38.5	Pass
		Inner_1RB_Right	22.42	/	/	22.95	/	/	<=38.5	Pass
DFT-s-OFDM 64 QAM	831.5	Outer_Full	21.11	/	/	21.64	/	/	<=38.5	Pass
		Inner_Full	21.09	/	/	21.62	/	/	<=38.5	Pass
		Inner_1RB_Left	21.18	/	/	21.71	/	/	<=38.5	Pass
		Inner_1RB_Right	21.22	/	/	21.75	/	/	<=38.5	Pass
	836.5	Outer_Full	21.04	/	/	21.57	/	/	<=38.5	Pass
		Inner_Full	20.99	/	/	21.52	/	/	<=38.5	Pass
		Inner_1RB_Left	21.23	/	/	21.76	/	/	<=38.5	Pass
		Inner_1RB_Right	21.12	/	/	21.65	/	/	<=38.5	Pass
	841.5	Outer_Full	21.08	/	/	21.61	/	/	<=38.5	Pass
		Inner_Full	21.01	/	/	21.54	/	/	<=38.5	Pass
		Inner_1RB_Left	21.22	/	/	21.75	/	/	<=38.5	Pass
		Inner_1RB_Right	21.02	/	/	21.55	/	/	<=38.5	Pass
DFT-s-OFDM 256 QAM	831.5	Outer_Full	19.02	/	/	19.55	/	/	<=38.5	Pass
		Inner_Full	19.00	/	/	19.53	/	/	<=38.5	Pass
		Inner_1RB_Left	18.60	/	/	19.13	/	/	<=38.5	Pass
		Inner_1RB_Right	18.62	/	/	19.15	/	/	<=38.5	Pass
	836.5	Outer_Full	18.92	/	/	19.45	/	/	<=38.5	Pass
		Inner_Full	18.96	/	/	19.49	/	/	<=38.5	Pass
		Inner_1RB_Left	18.58	/	/	19.11	/	/	<=38.5	Pass
		Inner_1RB_Right	18.38	/	/	18.91	/	/	<=38.5	Pass
	841.5	Outer_Full	19.04	/	/	19.57	/	/	<=38.5	Pass

CP-OFDM QPSK		Inner_Full	18.92	/	/	19.45	/	/	<=38.5	Pass
		Inner_1RB_Left	18.54	/	/	19.07	/	/	<=38.5	Pass
		Inner_1RB_Right	18.45	/	/	18.98	/	/	<=38.5	Pass
	831.5	Outer_Full	20.54	/	/	21.07	/	/	<=38.5	Pass
		Inner_Full	22.02	/	/	22.55	/	/	<=38.5	Pass
		Inner_1RB_Left	21.98	/	/	22.51	/	/	<=38.5	Pass
	836.5	Inner_1RB_Right	21.90	/	/	22.43	/	/	<=38.5	Pass
		Outer_Full	20.37	/	/	20.90	/	/	<=38.5	Pass
		Inner_Full	21.85	/	/	22.38	/	/	<=38.5	Pass
	841.5	Inner_1RB_Left	22.24	/	/	22.77	/	/	<=38.5	Pass
		Inner_1RB_Right	22.08	/	/	22.61	/	/	<=38.5	Pass
		Outer_Full	20.38	/	/	20.91	/	/	<=38.5	Pass
CP-OFDM 16 QAM	831.5	Inner_Full	21.91	/	/	22.44	/	/	<=38.5	Pass
		Inner_1RB_Left	22.01	/	/	22.54	/	/	<=38.5	Pass
		Inner_1RB_Right	22.04	/	/	22.57	/	/	<=38.5	Pass
	836.5	Outer_Full	20.43	/	/	20.96	/	/	<=38.5	Pass
		Inner_Full	21.52	/	/	22.05	/	/	<=38.5	Pass
		Inner_1RB_Left	21.59	/	/	22.12	/	/	<=38.5	Pass
	841.5	Inner_1RB_Right	21.58	/	/	22.11	/	/	<=38.5	Pass
		Outer_Full	20.40	/	/	20.93	/	/	<=38.5	Pass
		Inner_Full	21.45	/	/	21.98	/	/	<=38.5	Pass
	836.5	Inner_1RB_Left	21.69	/	/	22.22	/	/	<=38.5	Pass
		Inner_1RB_Right	21.46	/	/	21.99	/	/	<=38.5	Pass
		Outer_Full	20.46	/	/	20.99	/	/	<=38.5	Pass
CP-OFDM 64 QAM	831.5	Inner_Full	21.50	/	/	22.03	/	/	<=38.5	Pass
		Inner_1RB_Left	21.58	/	/	22.11	/	/	<=38.5	Pass
		Inner_1RB_Right	21.48	/	/	22.01	/	/	<=38.5	Pass
	836.5	Outer_Full	20.00	/	/	20.53	/	/	<=38.5	Pass
		Inner_Full	19.96	/	/	20.49	/	/	<=38.5	Pass
		Inner_1RB_Left	20.19	/	/	20.72	/	/	<=38.5	Pass
	841.5	Inner_1RB_Right	20.22	/	/	20.75	/	/	<=38.5	Pass
		Outer_Full	19.90	/	/	20.43	/	/	<=38.5	Pass
		Inner_Full	19.92	/	/	20.45	/	/	<=38.5	Pass
	836.5	Inner_1RB_Left	20.19	/	/	20.72	/	/	<=38.5	Pass
		Inner_1RB_Right	20.12	/	/	20.65	/	/	<=38.5	Pass
		Outer_Full	19.95	/	/	20.48	/	/	<=38.5	Pass
CP-OFDM 256 QAM	831.5	Inner_Full	19.96	/	/	20.49	/	/	<=38.5	Pass
		Inner_1RB_Left	20.09	/	/	20.62	/	/	<=38.5	Pass
		Inner_1RB_Right	20.05	/	/	20.58	/	/	<=38.5	Pass
	836.5	Outer_Full	17.01	/	/	17.54	/	/	<=38.5	Pass
		Inner_Full	17.00	/	/	17.53	/	/	<=38.5	Pass
		Inner_1RB_Left	16.57	/	/	17.10	/	/	<=38.5	Pass
	841.5	Inner_1RB_Right	16.71	/	/	17.24	/	/	<=38.5	Pass
		Outer_Full	17.00	/	/	17.53	/	/	<=38.5	Pass
		Inner_Full	16.93	/	/	17.46	/	/	<=38.5	Pass
	836.5	Inner_1RB_Left	16.68	/	/	17.21	/	/	<=38.5	Pass
		Inner_1RB_Right	16.49	/	/	17.02	/	/	<=38.5	Pass
		Outer_Full	16.99	/	/	17.52	/	/	<=38.5	Pass
	841.5	Inner_Full	16.92	/	/	17.45	/	/	<=38.5	Pass
		Inner_1RB_Left	16.58	/	/	17.11	/	/	<=38.5	Pass
		Inner_1RB_Right	16.54	/	/	17.07	/	/	<=38.5	Pass

Note1: Antenna Gain: Ant1: 2.68dBi;

Note2: ERP=Conducted Power+Antenna Gain-2.15

1.1.4 15_S_20M_NTNV_ERP

5G NR n5 SCS=15kHz SISO 20MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			ERP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	834	Outer Full	23.16	/	/	23.69	/	/	<=38.5	Pass
		Inner Full	23.67	/	/	24.20	/	/	<=38.5	Pass
		Inner 1RB Left	23.61	/	/	24.14	/	/	<=38.5	Pass
		Inner 1RB Right	23.61	/	/	24.14	/	/	<=38.5	Pass
	836.5	Outer Full	23.10	/	/	23.63	/	/	<=38.5	Pass
		Inner Full	23.60	/	/	24.13	/	/	<=38.5	Pass
		Inner 1RB Left	23.56	/	/	24.09	/	/	<=38.5	Pass
		Inner 1RB Right	23.55	/	/	24.08	/	/	<=38.5	Pass
	839	Outer Full	23.08	/	/	23.61	/	/	<=38.5	Pass
		Inner Full	23.53	/	/	24.06	/	/	<=38.5	Pass
		Inner 1RB Left	23.48	/	/	24.01	/	/	<=38.5	Pass
		Inner 1RB Right	23.39	/	/	23.92	/	/	<=38.5	Pass
DFT-s-OFDM QPSK	834	Outer Full	22.63	/	/	23.16	/	/	<=38.5	Pass
		Inner Full	23.63	/	/	24.16	/	/	<=38.5	Pass
		Inner 1RB Left	23.64	/	/	24.17	/	/	<=38.5	Pass
		Inner 1RB Right	23.58	/	/	24.11	/	/	<=38.5	Pass
	836.5	Outer Full	22.60	/	/	23.13	/	/	<=38.5	Pass
		Inner Full	23.46	/	/	23.99	/	/	<=38.5	Pass
		Inner 1RB Left	23.60	/	/	24.13	/	/	<=38.5	Pass
		Inner 1RB Right	23.51	/	/	24.04	/	/	<=38.5	Pass
	839	Outer Full	22.59	/	/	23.12	/	/	<=38.5	Pass
		Inner Full	23.54	/	/	24.07	/	/	<=38.5	Pass
		Inner 1RB Left	23.68	/	/	24.21	/	/	<=38.5	Pass
		Inner 1RB Right	23.59	/	/	24.12	/	/	<=38.5	Pass
DFT-s-OFDM 16 QAM	834	Outer Full	21.54	/	/	22.07	/	/	<=38.5	Pass
		Inner Full	22.52	/	/	23.05	/	/	<=38.5	Pass
		Inner 1RB Left	22.41	/	/	22.94	/	/	<=38.5	Pass
		Inner 1RB Right	22.49	/	/	23.02	/	/	<=38.5	Pass
	836.5	Outer Full	21.51	/	/	22.04	/	/	<=38.5	Pass
		Inner Full	22.47	/	/	23.00	/	/	<=38.5	Pass
		Inner 1RB Left	22.39	/	/	22.92	/	/	<=38.5	Pass
		Inner 1RB Right	22.45	/	/	22.98	/	/	<=38.5	Pass
	839	Outer Full	21.54	/	/	22.07	/	/	<=38.5	Pass
		Inner Full	22.52	/	/	23.05	/	/	<=38.5	Pass
		Inner 1RB Left	22.36	/	/	22.89	/	/	<=38.5	Pass
		Inner 1RB Right	22.23	/	/	22.76	/	/	<=38.5	Pass
DFT-s-OFDM 64 QAM	834	Outer Full	21.05	/	/	21.58	/	/	<=38.5	Pass
		Inner Full	21.20	/	/	21.73	/	/	<=38.5	Pass
		Inner 1RB Left	21.21	/	/	21.74	/	/	<=38.5	Pass
		Inner 1RB Right	21.15	/	/	21.68	/	/	<=38.5	Pass
	836.5	Outer Full	20.98	/	/	21.51	/	/	<=38.5	Pass
		Inner Full	21.06	/	/	21.59	/	/	<=38.5	Pass
		Inner 1RB Left	21.13	/	/	21.66	/	/	<=38.5	Pass
		Inner 1RB Right	21.10	/	/	21.63	/	/	<=38.5	Pass
	839	Outer Full	21.11	/	/	21.64	/	/	<=38.5	Pass
		Inner Full	21.08	/	/	21.61	/	/	<=38.5	Pass
		Inner 1RB Left	21.15	/	/	21.68	/	/	<=38.5	Pass
		Inner 1RB Right	21.12	/	/	21.65	/	/	<=38.5	Pass
DFT-s-OFDM 256 QAM	834	Outer Full	18.99	/	/	19.52	/	/	<=38.5	Pass
		Inner Full	19.04	/	/	19.57	/	/	<=38.5	Pass
		Inner 1RB Left	18.51	/	/	19.04	/	/	<=38.5	Pass
		Inner 1RB Right	18.44	/	/	18.97	/	/	<=38.5	Pass
	836.5	Outer Full	19.00	/	/	19.53	/	/	<=38.5	Pass
		Inner Full	18.95	/	/	19.48	/	/	<=38.5	Pass
		Inner 1RB Left	18.44	/	/	18.97	/	/	<=38.5	Pass
		Inner 1RB Right	18.31	/	/	18.84	/	/	<=38.5	Pass
	839	Outer Full	19.12	/	/	19.65	/	/	<=38.5	Pass

CP-OFDM QPSK		Inner_Full	18.99	/	/	19.52	/	/	<=38.5	Pass
		Inner_1RB_Left	18.41	/	/	18.94	/	/	<=38.5	Pass
		Inner_1RB_Right	18.31	/	/	18.84	/	/	<=38.5	Pass
	834	Outer_Full	20.55	/	/	21.08	/	/	<=38.5	Pass
		Inner_Full	22.00	/	/	22.53	/	/	<=38.5	Pass
		Inner_1RB_Left	22.26	/	/	22.79	/	/	<=38.5	Pass
	836.5	Inner_1RB_Right	22.06	/	/	22.59	/	/	<=38.5	Pass
		Outer_Full	20.47	/	/	21.00	/	/	<=38.5	Pass
		Inner_Full	21.90	/	/	22.43	/	/	<=38.5	Pass
	839	Inner_1RB_Left	22.07	/	/	22.60	/	/	<=38.5	Pass
		Inner_1RB_Right	21.86	/	/	22.39	/	/	<=38.5	Pass
		Outer_Full	20.51	/	/	21.04	/	/	<=38.5	Pass
CP-OFDM 16 QAM	834	Inner_Full	21.96	/	/	22.49	/	/	<=38.5	Pass
		Inner_1RB_Left	22.13	/	/	22.66	/	/	<=38.5	Pass
		Inner_1RB_Right	22.02	/	/	22.55	/	/	<=38.5	Pass
	836.5	Outer_Full	20.44	/	/	20.97	/	/	<=38.5	Pass
		Inner_Full	21.60	/	/	22.13	/	/	<=38.5	Pass
		Inner_1RB_Left	21.70	/	/	22.23	/	/	<=38.5	Pass
	839	Inner_1RB_Right	21.59	/	/	22.12	/	/	<=38.5	Pass
		Outer_Full	20.51	/	/	21.04	/	/	<=38.5	Pass
		Inner_Full	21.44	/	/	21.97	/	/	<=38.5	Pass
	836.5	Inner_1RB_Left	21.69	/	/	22.22	/	/	<=38.5	Pass
		Inner_1RB_Right	21.63	/	/	22.16	/	/	<=38.5	Pass
		Outer_Full	20.49	/	/	21.02	/	/	<=38.5	Pass
CP-OFDM 64 QAM	834	Inner_Full	21.51	/	/	22.04	/	/	<=38.5	Pass
		Inner_1RB_Left	21.54	/	/	22.07	/	/	<=38.5	Pass
		Inner_1RB_Right	21.57	/	/	22.10	/	/	<=38.5	Pass
	836.5	Outer_Full	20.12	/	/	20.65	/	/	<=38.5	Pass
		Inner_Full	20.09	/	/	20.62	/	/	<=38.5	Pass
		Inner_1RB_Left	20.18	/	/	20.71	/	/	<=38.5	Pass
	839	Inner_1RB_Right	20.06	/	/	20.59	/	/	<=38.5	Pass
		Outer_Full	19.95	/	/	20.48	/	/	<=38.5	Pass
		Inner_Full	19.98	/	/	20.51	/	/	<=38.5	Pass
	836.5	Inner_1RB_Left	20.09	/	/	20.62	/	/	<=38.5	Pass
		Inner_1RB_Right	20.10	/	/	20.63	/	/	<=38.5	Pass
		Outer_Full	20.04	/	/	20.57	/	/	<=38.5	Pass
CP-OFDM 256 QAM	834	Inner_Full	20.04	/	/	20.57	/	/	<=38.5	Pass
		Inner_1RB_Left	20.06	/	/	20.59	/	/	<=38.5	Pass
		Inner_1RB_Right	20.07	/	/	20.60	/	/	<=38.5	Pass
	836.5	Outer_Full	17.06	/	/	17.59	/	/	<=38.5	Pass
		Inner_Full	17.11	/	/	17.64	/	/	<=38.5	Pass
		Inner_1RB_Left	16.60	/	/	17.13	/	/	<=38.5	Pass
	839	Inner_1RB_Right	16.42	/	/	16.95	/	/	<=38.5	Pass
		Outer_Full	17.02	/	/	17.55	/	/	<=38.5	Pass
		Inner_Full	16.99	/	/	17.52	/	/	<=38.5	Pass
	836.5	Inner_1RB_Left	16.48	/	/	17.01	/	/	<=38.5	Pass
		Inner_1RB_Right	16.43	/	/	16.96	/	/	<=38.5	Pass
		Outer_Full	17.09	/	/	17.62	/	/	<=38.5	Pass
	839	Inner_Full	16.87	/	/	17.40	/	/	<=38.5	Pass
		Inner_1RB_Left	16.48	/	/	17.01	/	/	<=38.5	Pass
		Inner_1RB_Right	16.48	/	/	17.01	/	/	<=38.5	Pass
		Outer_Full	17.09	/	/	17.62	/	/	<=38.5	Pass

Note1: Antenna Gain: Ant1: 2.68dBi;

Note2: ERP=Conducted Power+Antenna Gain-2.15

2. Frequency Stability

2.1 Test Result

2.1.1 15_S_20M

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	-5.80	-0.0069	>=-2.5 & <=2.5	Pass
				HV	-9.40	-0.0112	>=-2.5 & <=2.5	Pass
			-30	NV	-8.30	-0.0099	>=-2.5 & <=2.5	Pass
			-20	NV	-9.40	-0.0112	>=-2.5 & <=2.5	Pass
			-10	NV	-10.30	-0.0123	>=-2.5 & <=2.5	Pass
			0	NV	-6.50	-0.0078	>=-2.5 & <=2.5	Pass
			10	NV	-9.50	-0.0114	>=-2.5 & <=2.5	Pass
			20	NV	-6.20	-0.0074	>=-2.5 & <=2.5	Pass
			30	NV	-8.80	-0.0105	>=-2.5 & <=2.5	Pass
			40	NV	-9.50	-0.0114	>=-2.5 & <=2.5	Pass
50	NV	-9.00	-0.0108	>=-2.5 & <=2.5	Pass			

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 15_S_5M_NTNV

5G NR n5 SCS=15kHz SISO 5MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	836.5	Outer_Full	4.55	5.33	/	Pass
DFT-s-OFDM QPSK	836.5	Outer_Full	4.54	5.28	/	Pass
DFT-s-OFDM 16 QAM	836.5	Outer_Full	4.55	5.23	/	Pass
DFT-s-OFDM 64 QAM	836.5	Outer_Full	4.54	5.23	/	Pass
DFT-s-OFDM 256 QAM	836.5	Outer_Full	4.57	5.30	/	Pass
CP-OFDM QPSK	836.5	Outer_Full	4.55	5.43	/	Pass
CP-OFDM 16 QAM	836.5	Outer_Full	4.65	5.38	/	Pass
CP-OFDM 64 QAM	836.5	Outer_Full	4.56	5.37	/	Pass
CP-OFDM 256 QAM	836.5	Outer_Full	4.56	5.35	/	Pass

3.1.2 15_S_10M_NTNV

5G NR n5 SCS=15kHz SISO 10MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	836.5	Outer_Full	9.05	9.97	/	Pass
DFT-s-OFDM QPSK	836.5	Outer_Full	9.08	10.09	/	Pass
DFT-s-OFDM 16 QAM	836.5	Outer_Full	9.07	10.10	/	Pass
DFT-s-OFDM 64 QAM	836.5	Outer_Full	9.05	10.09	/	Pass
DFT-s-OFDM 256 QAM	836.5	Outer_Full	9.05	10.01	/	Pass
CP-OFDM QPSK	836.5	Outer_Full	9.42	10.52	/	Pass
CP-OFDM 16 QAM	836.5	Outer_Full	9.40	10.45	/	Pass
CP-OFDM 64 QAM	836.5	Outer_Full	9.37	10.36	/	Pass
CP-OFDM 256 QAM	836.5	Outer_Full	9.43	10.48	/	Pass

3.1.3 15_S_15M_NTNV

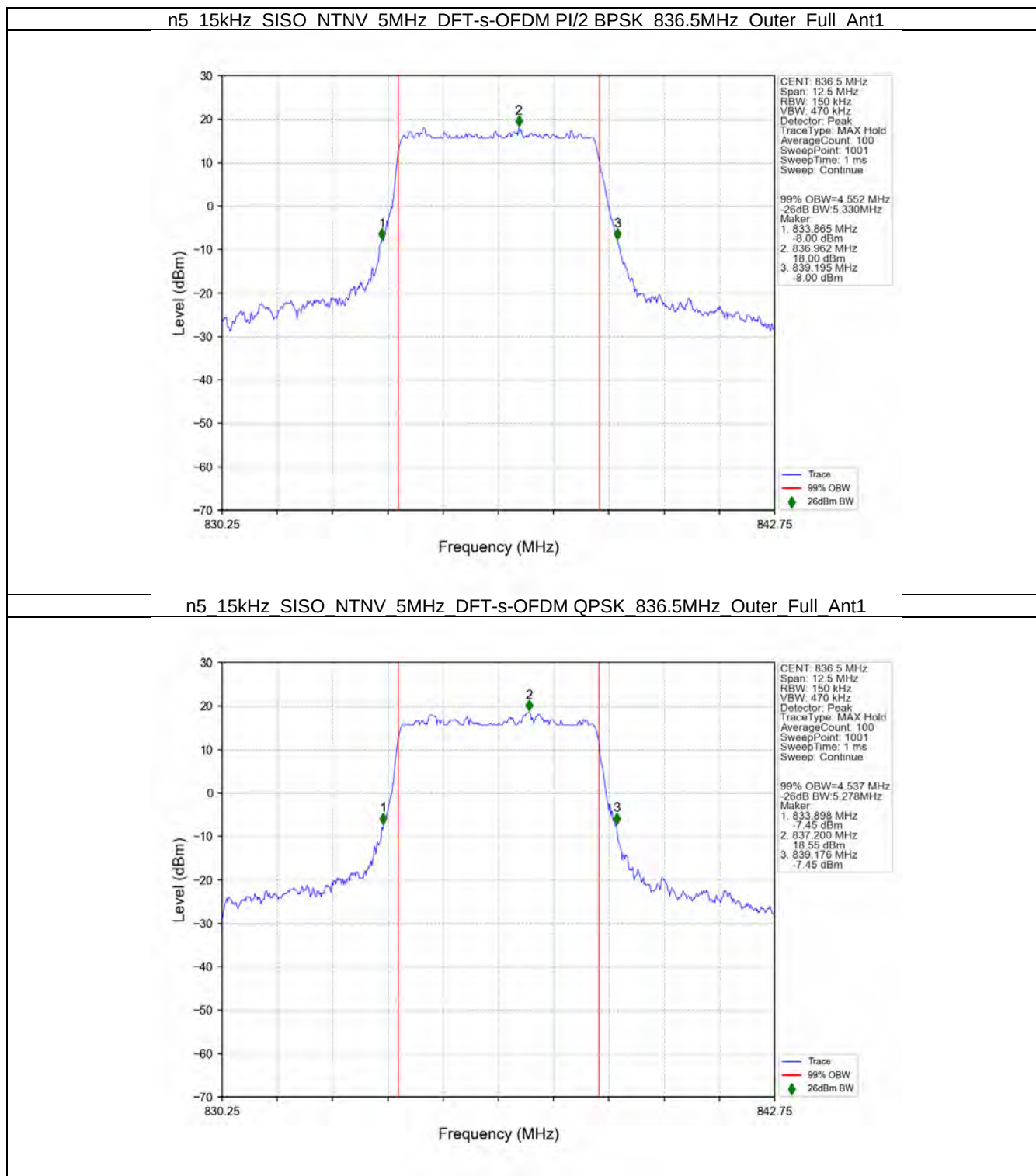
5G NR n5 SCS=15kHz SISO 15MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	836.5	Outer_Full	13.56	14.68	/	Pass
DFT-s-OFDM QPSK	836.5	Outer_Full	13.60	14.76	/	Pass
DFT-s-OFDM 16 QAM	836.5	Outer_Full	13.64	14.88	/	Pass
DFT-s-OFDM 64 QAM	836.5	Outer_Full	13.54	14.82	/	Pass
DFT-s-OFDM 256 QAM	836.5	Outer_Full	13.55	14.76	/	Pass
CP-OFDM QPSK	836.5	Outer_Full	14.29	15.51	/	Pass
CP-OFDM 16 QAM	836.5	Outer_Full	14.30	15.55	/	Pass
CP-OFDM 64 QAM	836.5	Outer_Full	14.32	15.59	/	Pass
CP-OFDM 256 QAM	836.5	Outer_Full	14.20	15.24	/	Pass

3.1.4 15_S_20M_NTNV

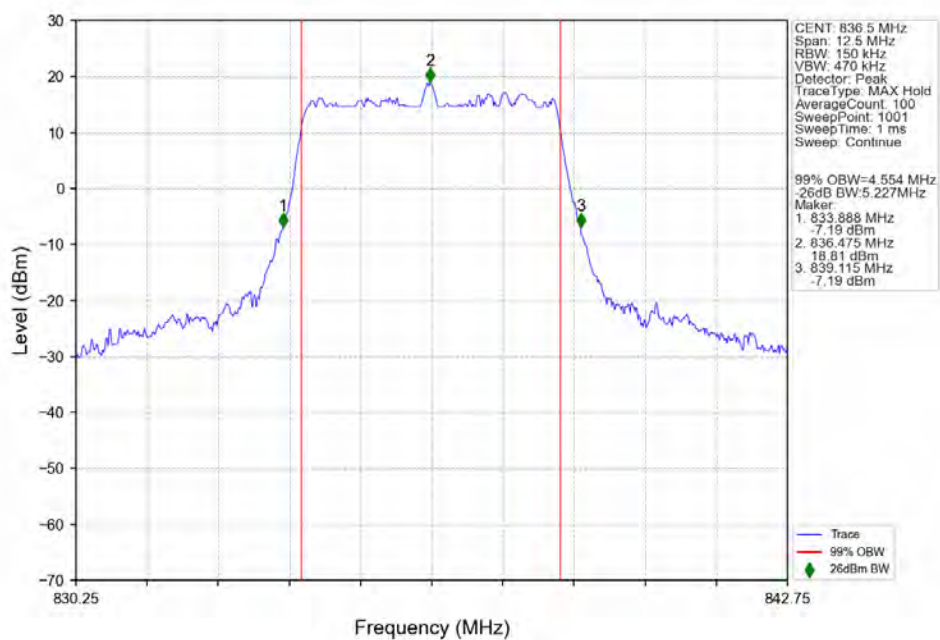
5G NR n5 SCS=15kHz SISO 20MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	836.5	Outer_Full	18.04	19.59	/	Pass
DFT-s-OFDM QPSK	836.5	Outer_Full	18.04	19.61	/	Pass
DFT-s-OFDM 16 QAM	836.5	Outer_Full	18.04	19.49	/	Pass
DFT-s-OFDM 64 QAM	836.5	Outer_Full	18.07	19.62	/	Pass
DFT-s-OFDM 256 QAM	836.5	Outer_Full	18.04	19.43	/	Pass
CP-OFDM QPSK	836.5	Outer_Full	19.09	20.65	/	Pass
CP-OFDM 16 QAM	836.5	Outer_Full	19.14	20.73	/	Pass
CP-OFDM 64 QAM	836.5	Outer_Full	19.14	20.54	/	Pass
CP-OFDM 256 QAM	836.5	Outer_Full	19.17	20.60	/	Pass

3.2 Test Graph

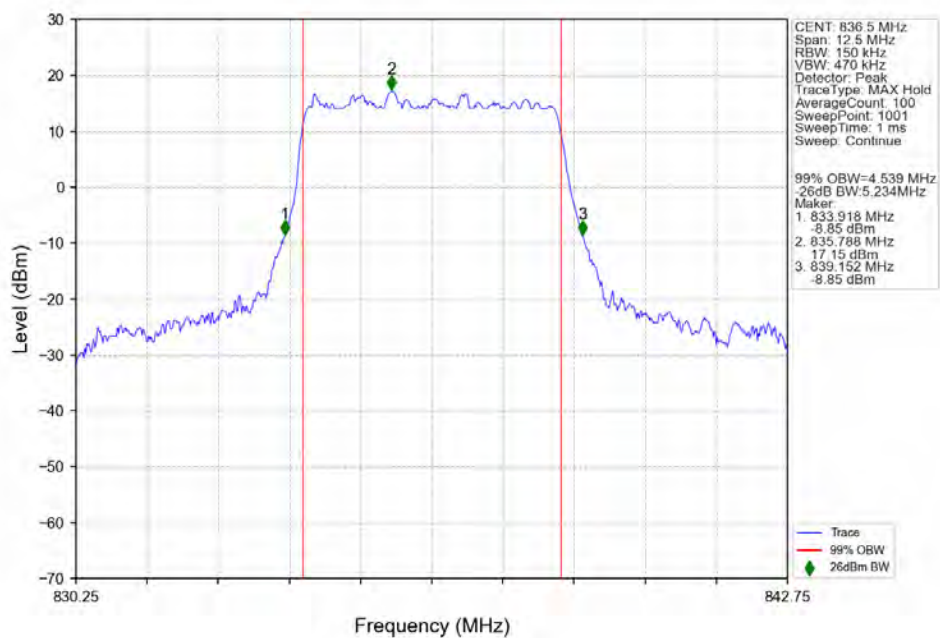
3.2.1 15_S_5M_NTNV



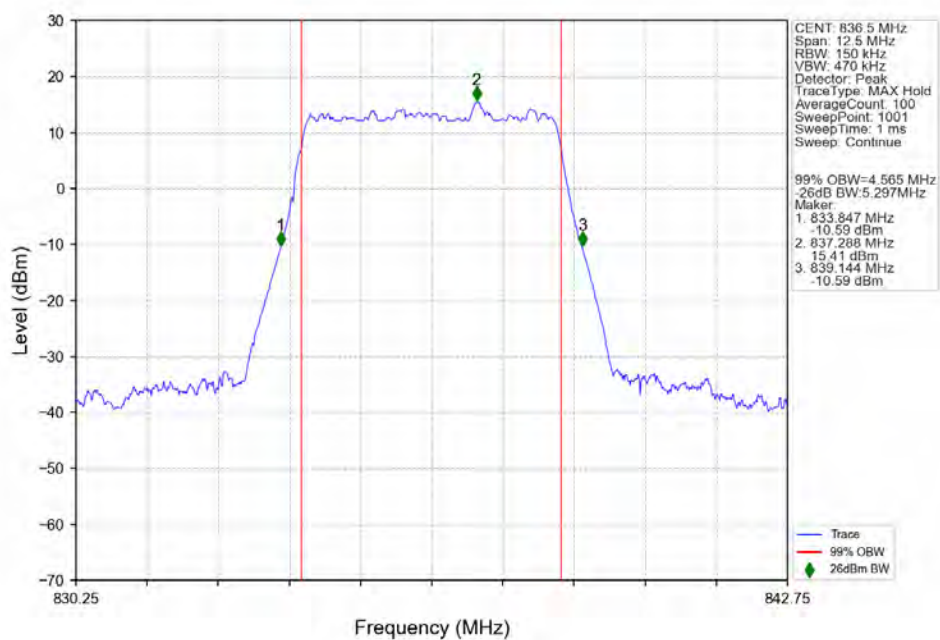
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_16_QAM_836.5MHz_Outer_Full_Ant1



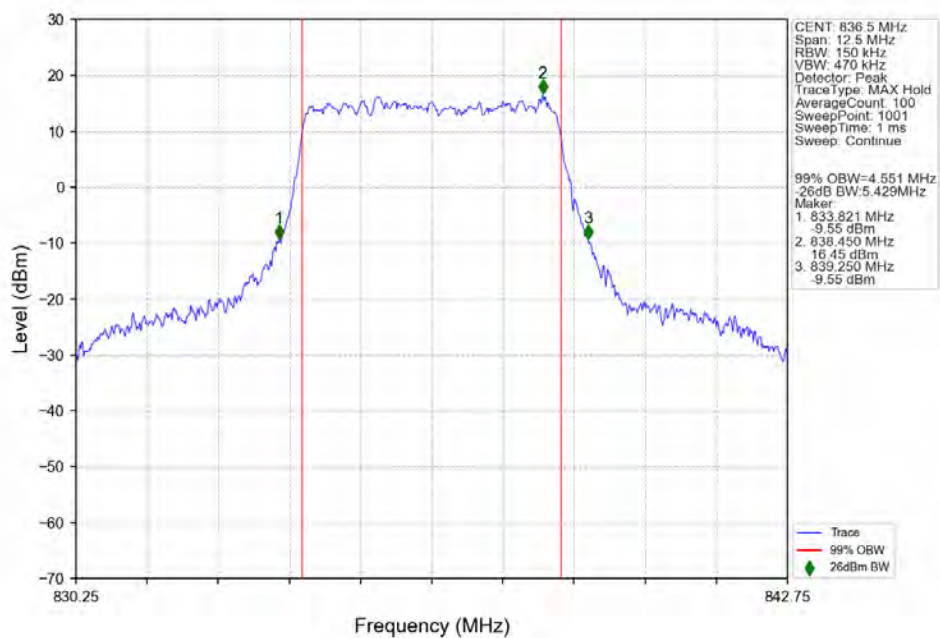
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_64_QAM_836.5MHz_Outer_Full_Ant1

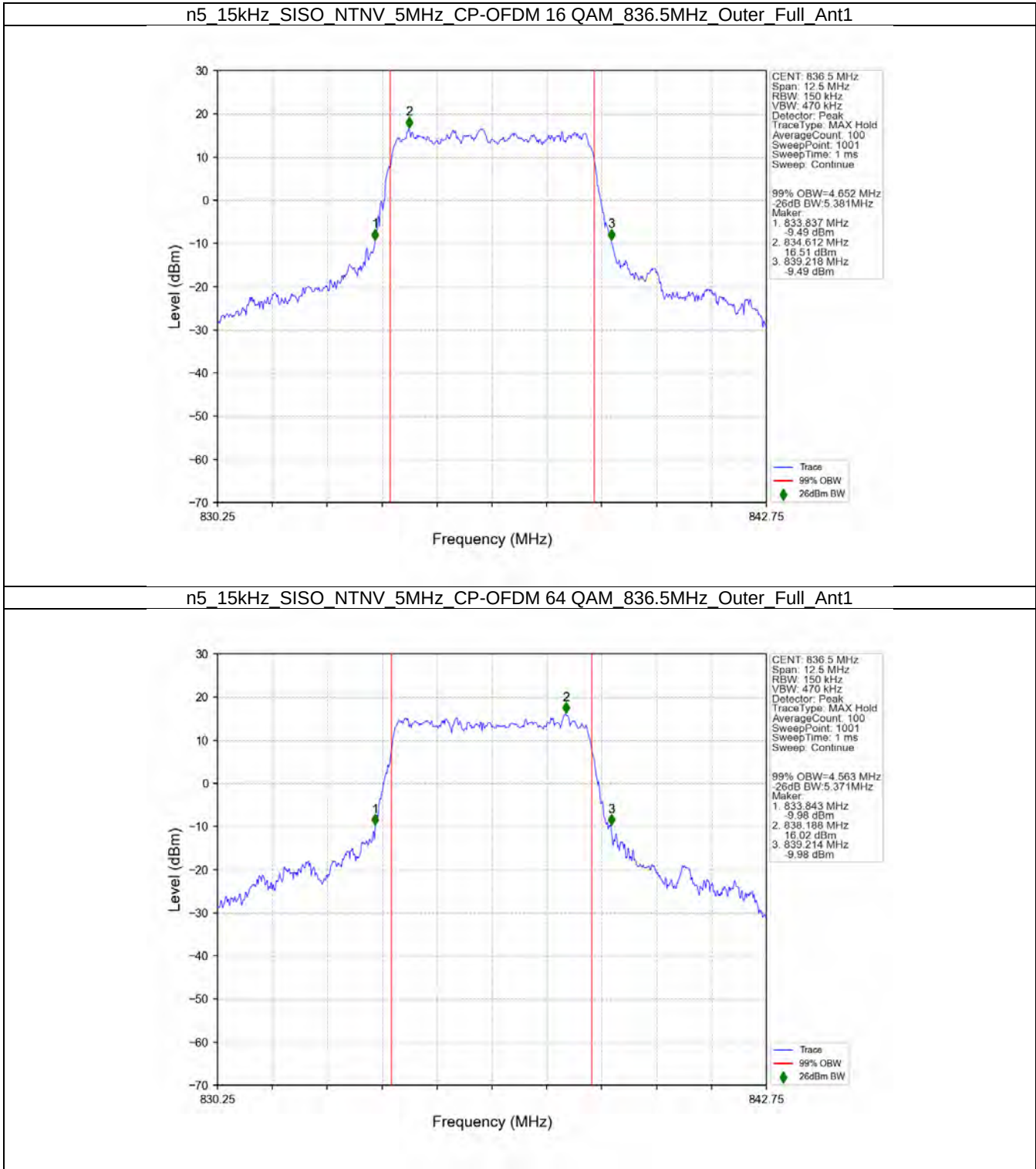


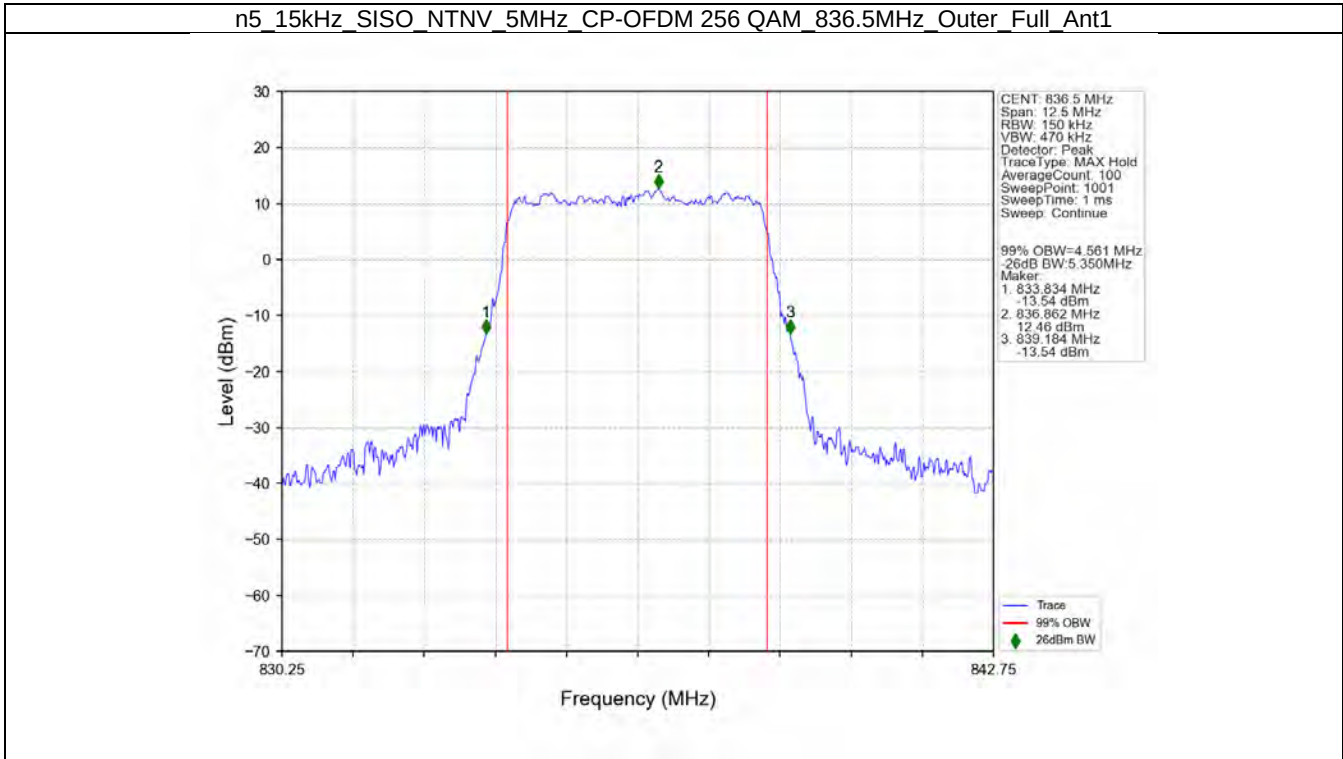
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_256_QAM_836.5MHz_Outer_Full_Ant1



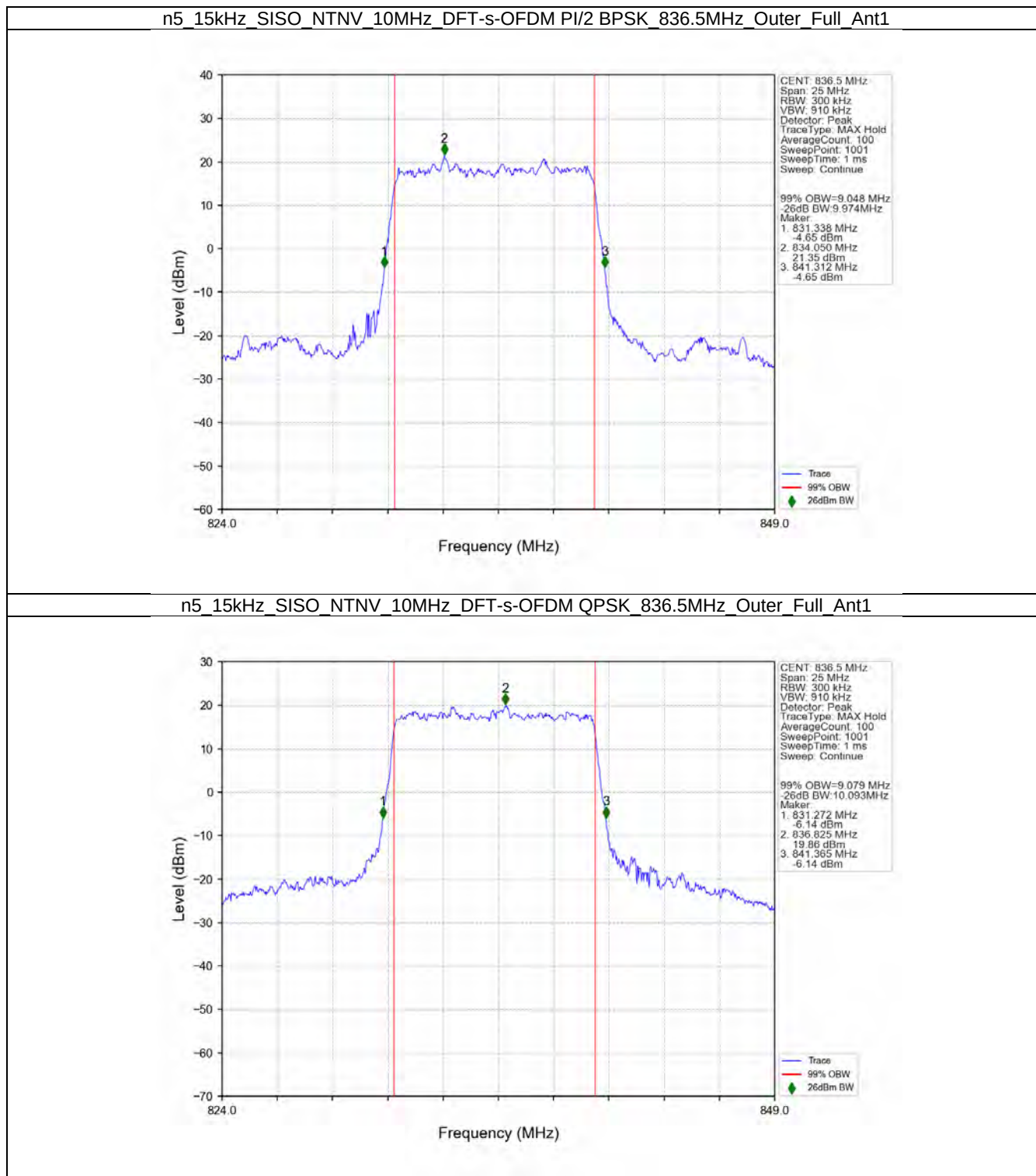
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_836.5MHz_Outer_Full_Ant1



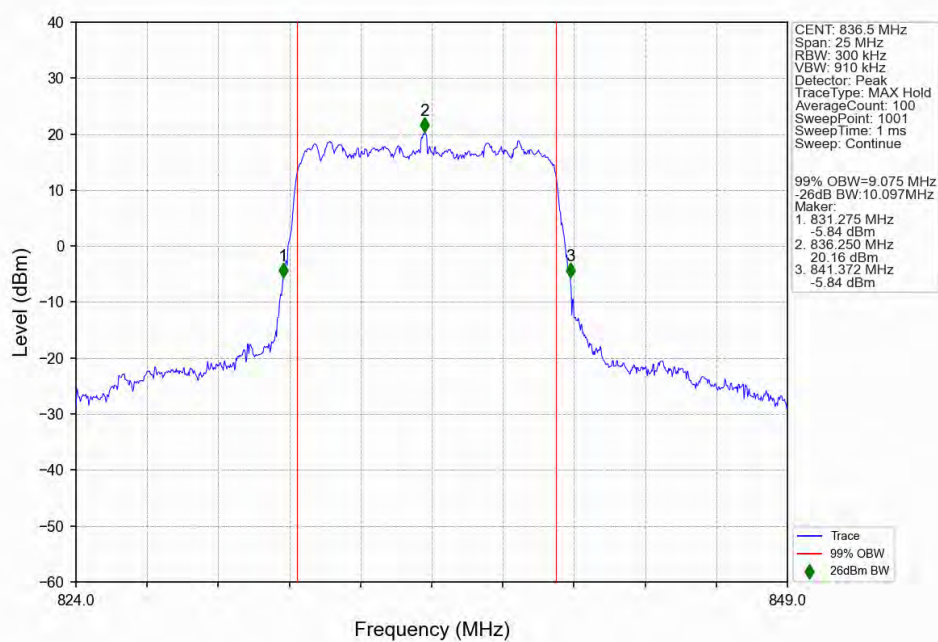




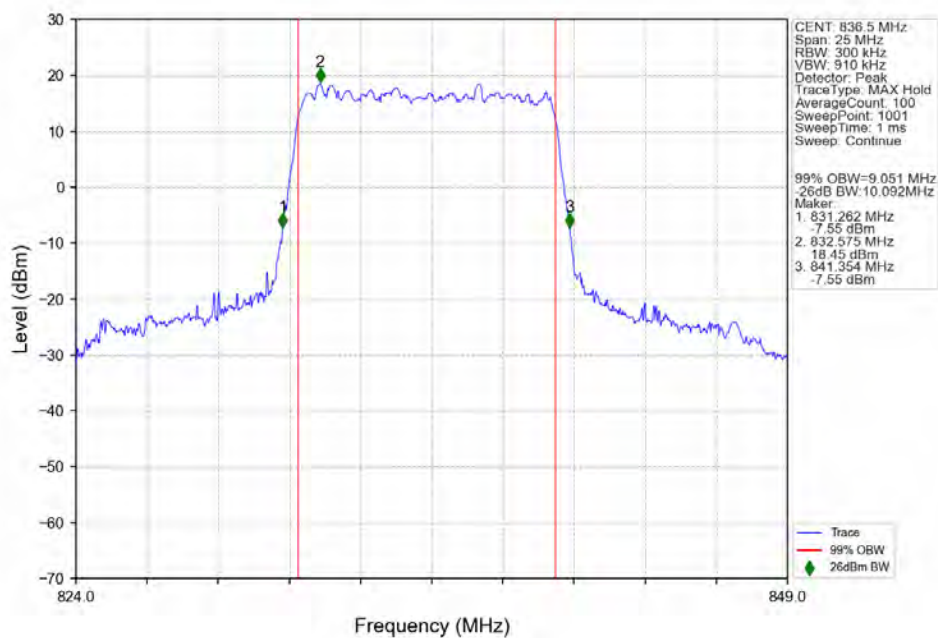
3.2.2 15_S_10M_NTNV



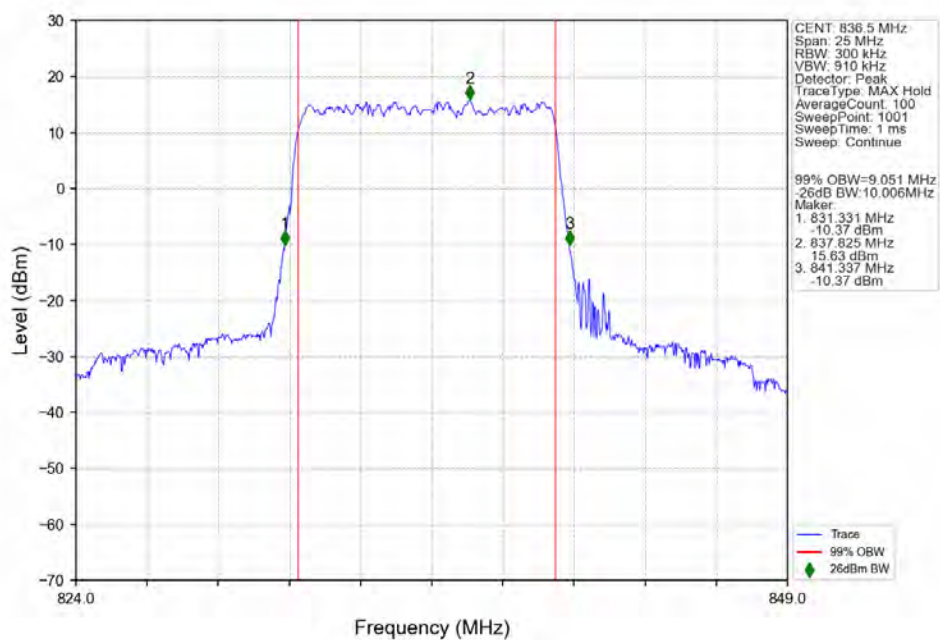
n5_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_16_QAM_836.5MHz_Outer_Full_Ant1



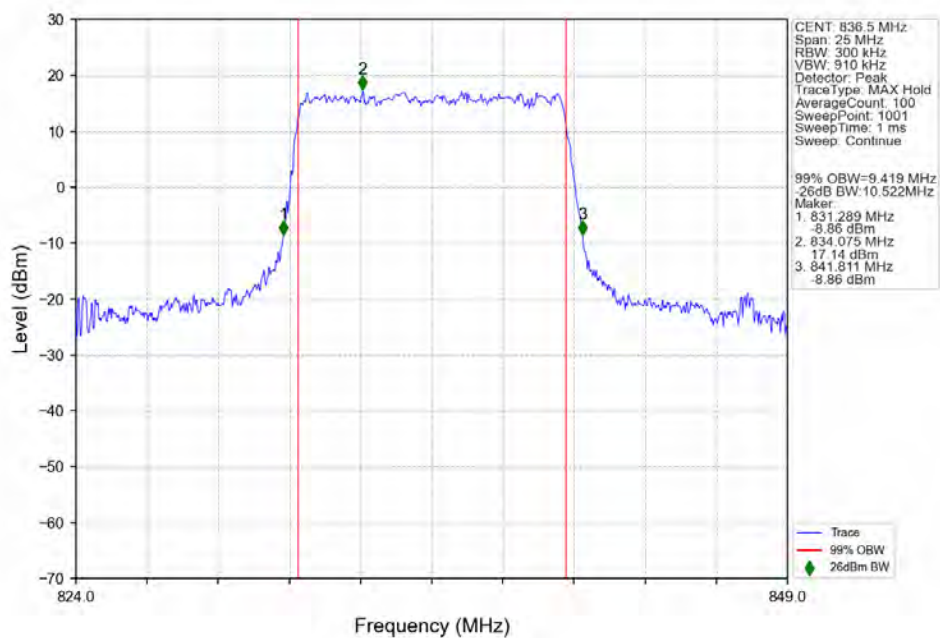
n5_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_64_QAM_836.5MHz_Outer_Full_Ant1



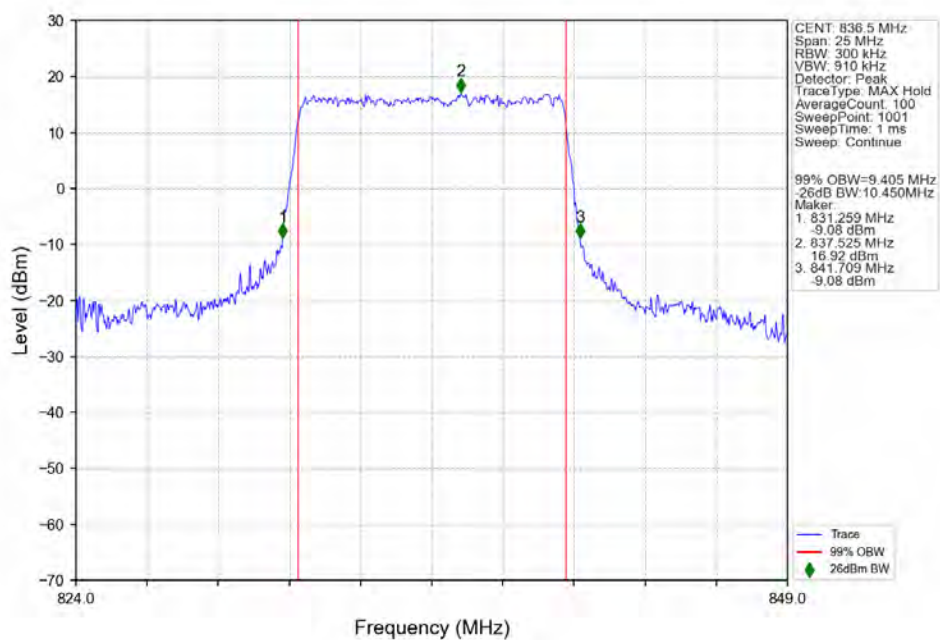
n5_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_256_QAM_836.5MHz_Outer_Full_Ant1



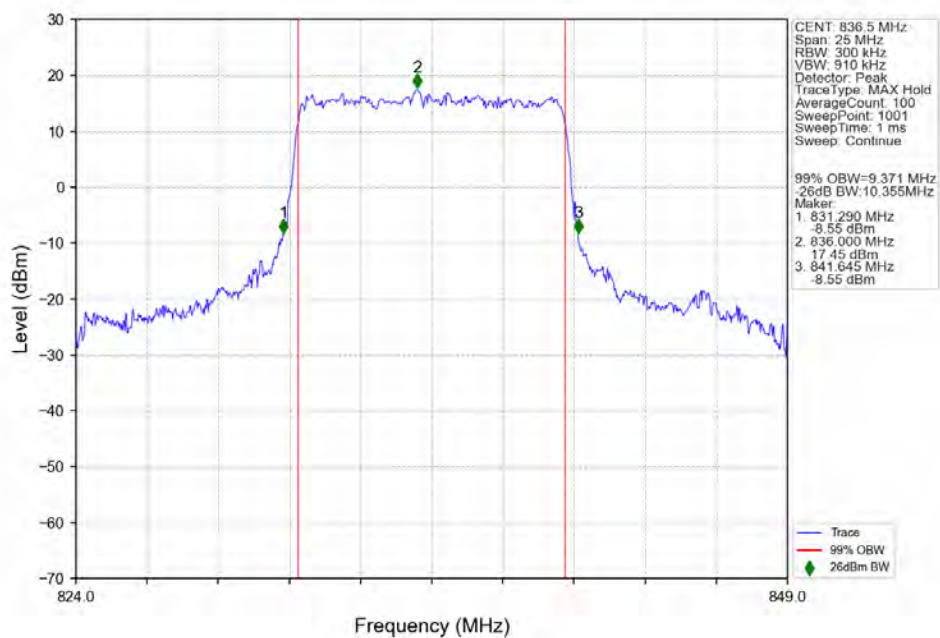
n5_15kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_836.5MHz_Outer_Full_Ant1

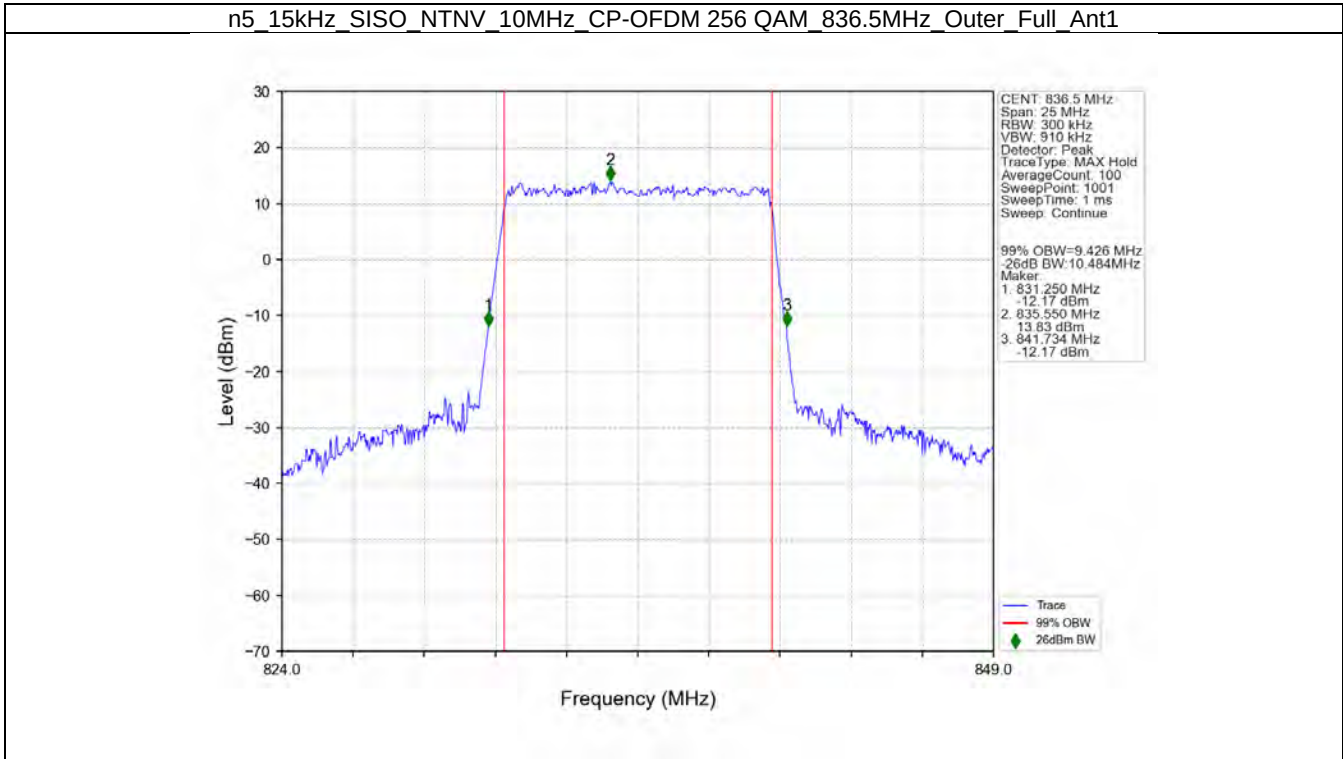


n5_15kHz_SISO_NTNV_10MHz_CP-OFDM_16_QAM_836.5MHz_Outer_Full_Ant1

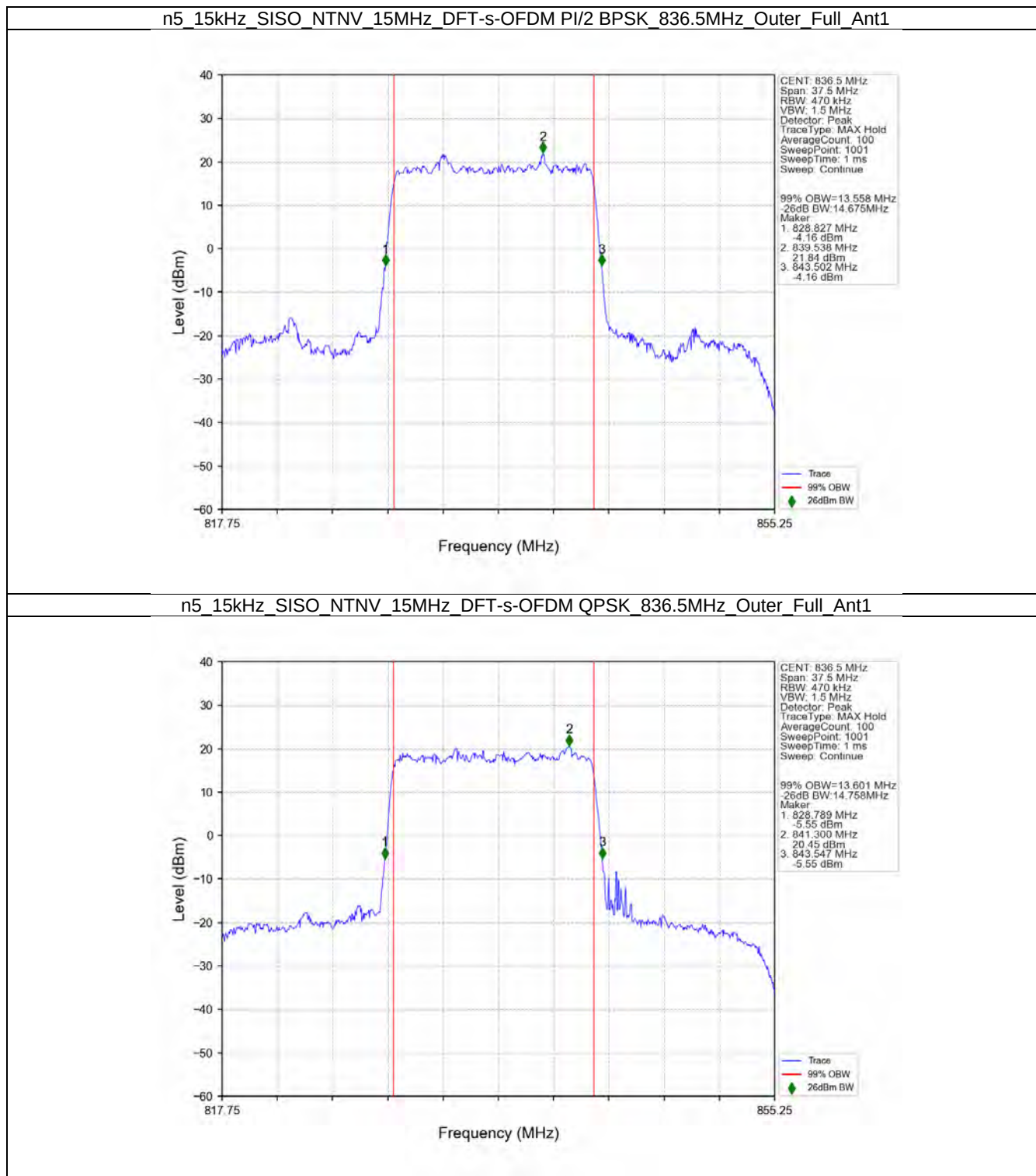


n5_15kHz_SISO_NTNV_10MHz_CP-OFDM_64_QAM_836.5MHz_Outer_Full_Ant1

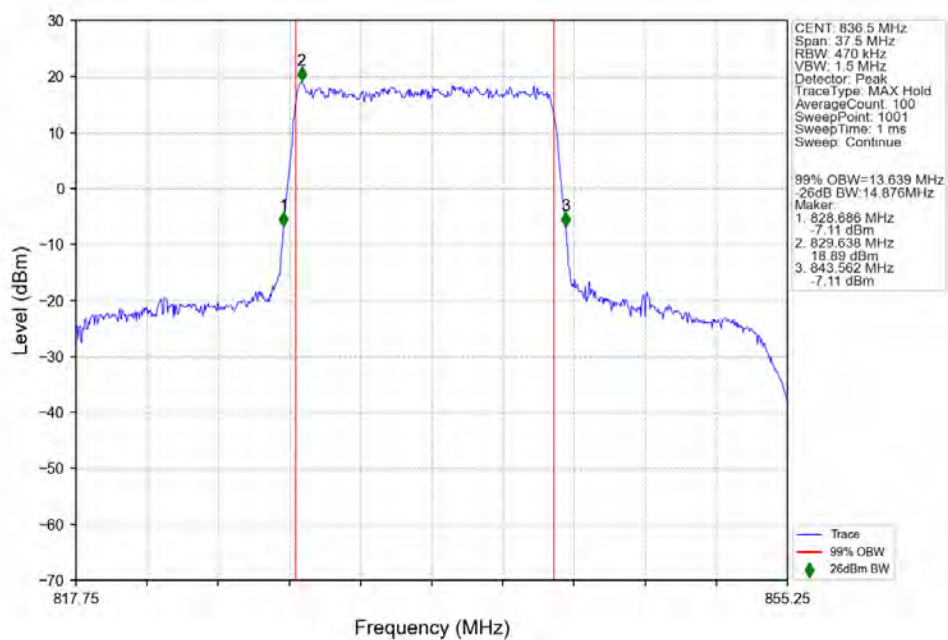




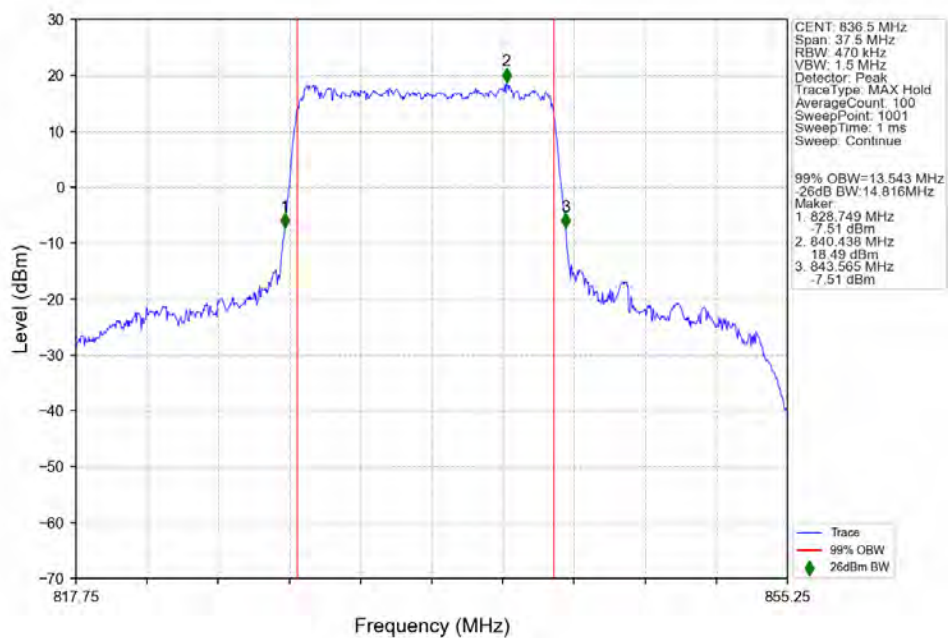
3.2.3 15_S_15M_NTNV



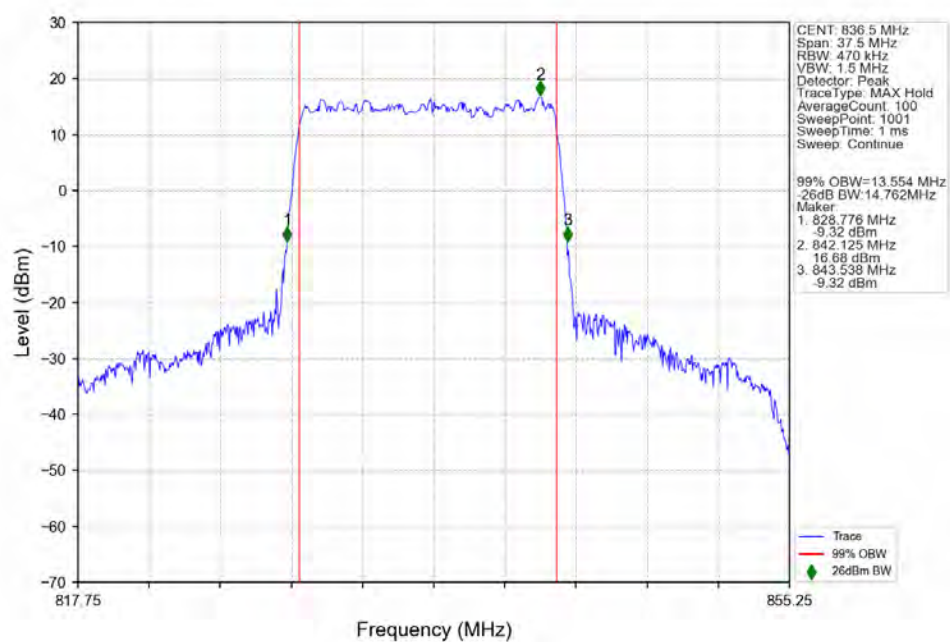
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_16_QAM_836.5MHz_Outer_Full_Ant1



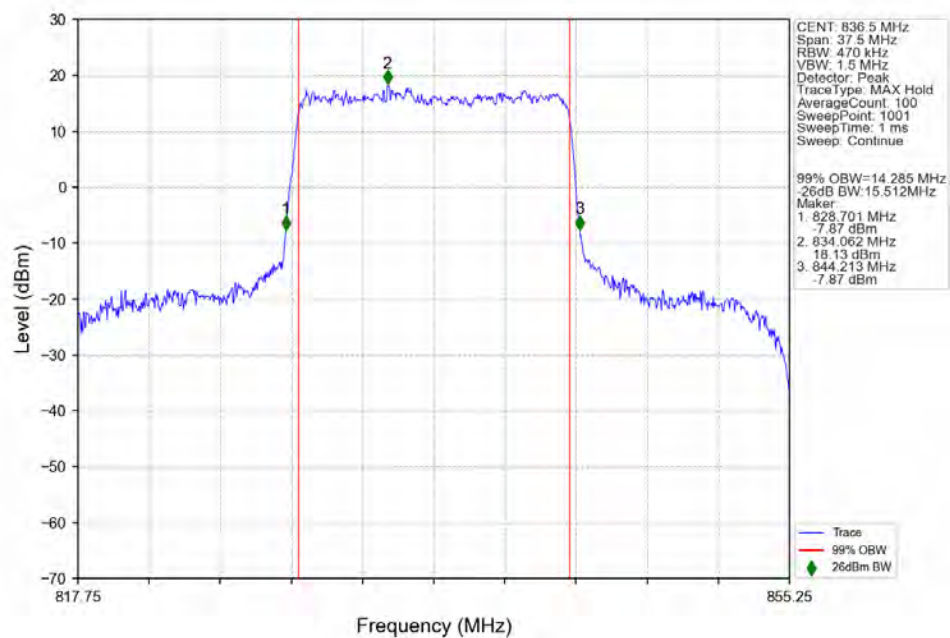
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_64_QAM_836.5MHz_Outer_Full_Ant1



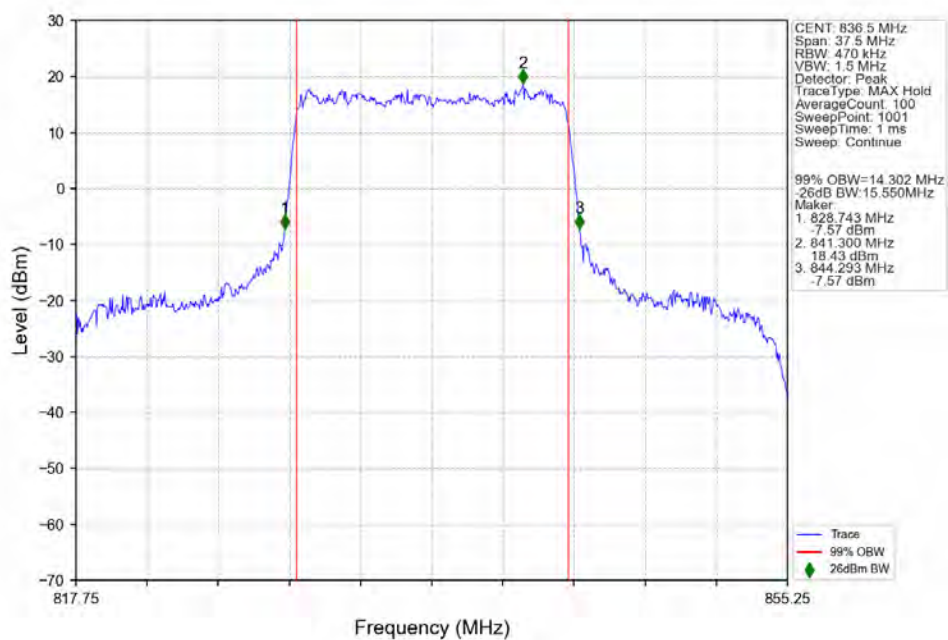
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_256_QAM_836.5MHz_Outer_Full_Ant1



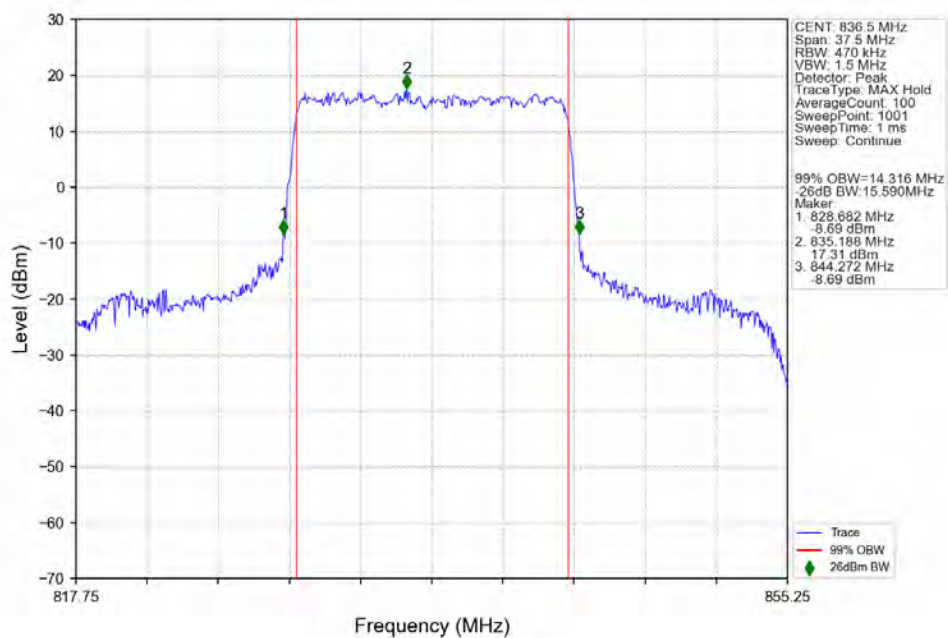
n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_836.5MHz_Outer_Full_Ant1

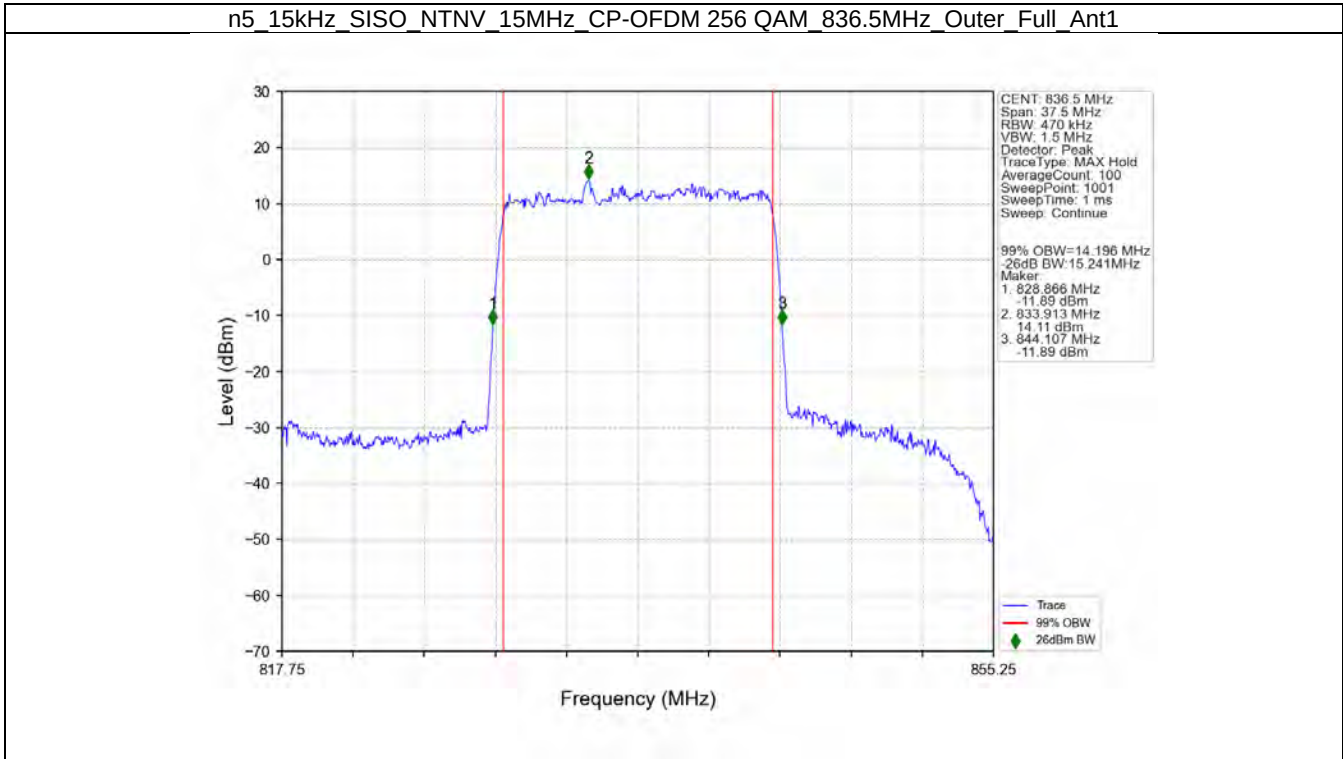


n5_15kHz_SISO_NTNV_15MHz_CP-OFDM 16 QAM 836.5MHz_Outer_Full_Ant1

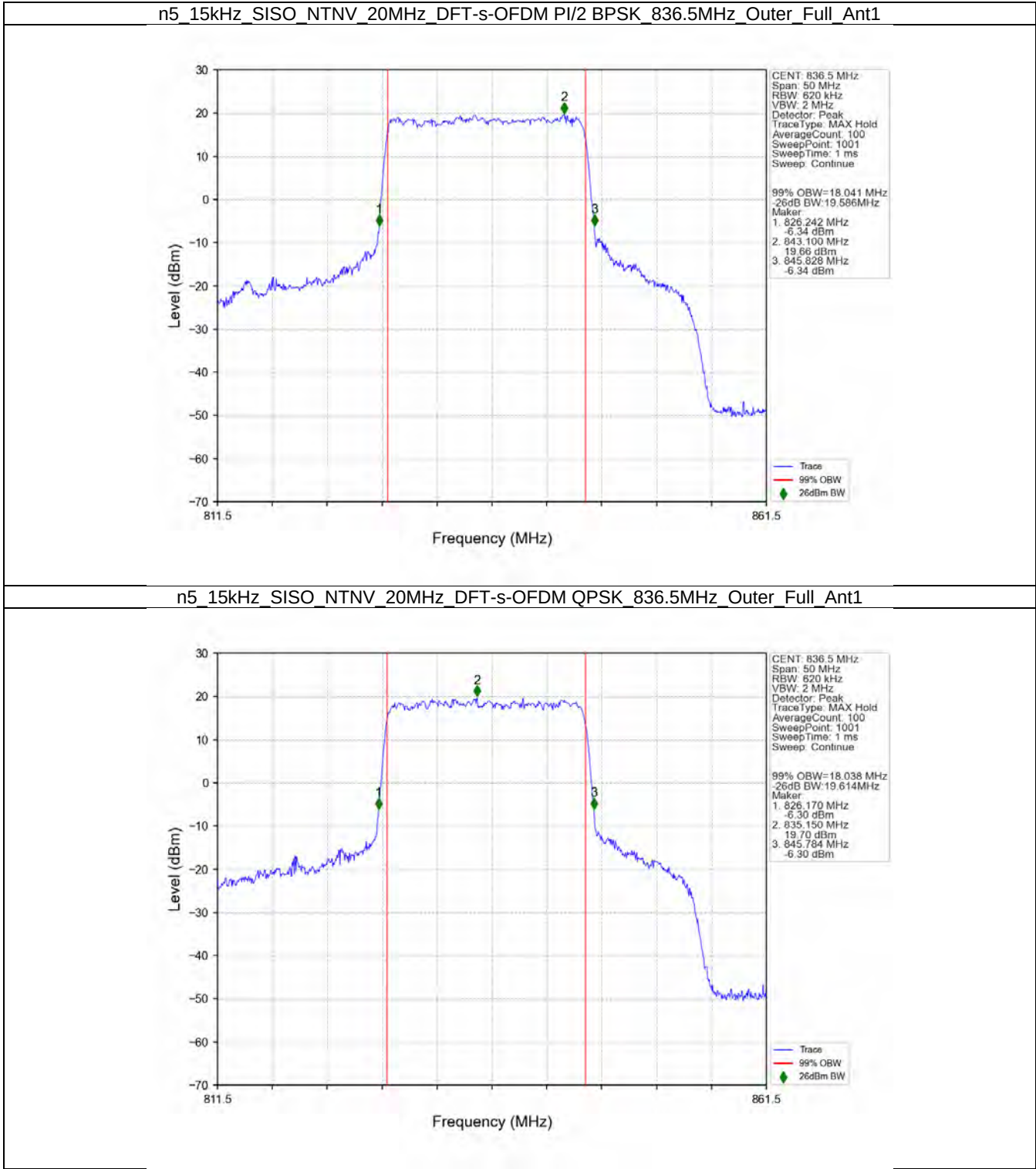


n5_15kHz_SISO_NTNV_15MHz_CP-OFDM 64 QAM 836.5MHz_Outer_Full_Ant1

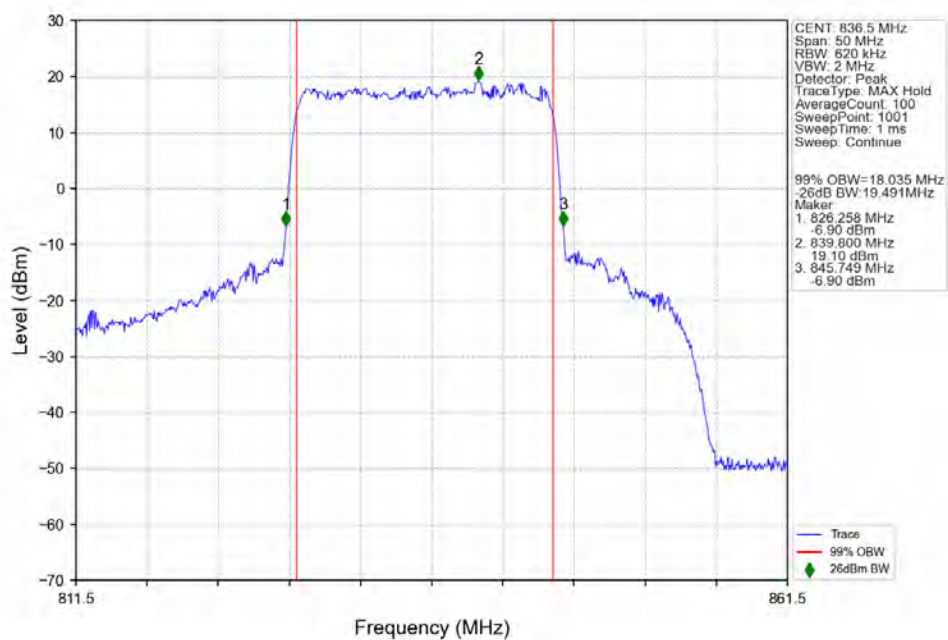




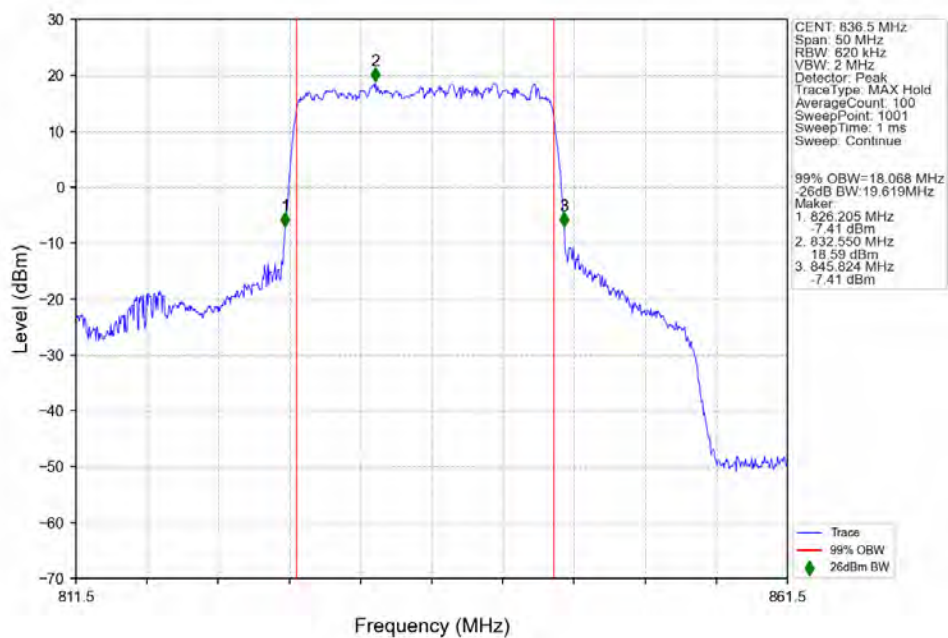
3.2.4 15_S_20M_NTNV



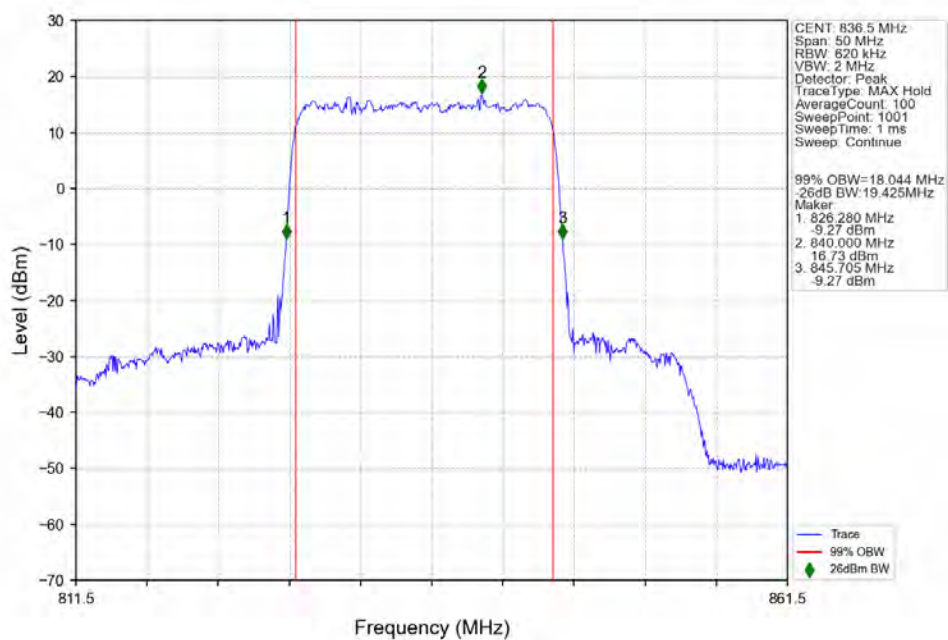
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 16 QAM 836.5MHz_Outer_Full_Ant1



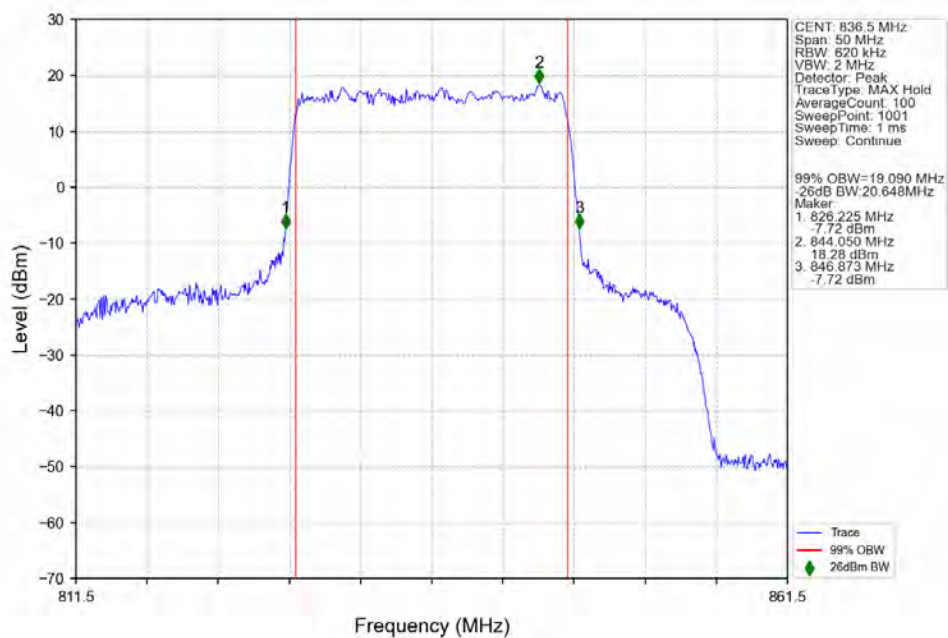
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 64 QAM 836.5MHz_Outer_Full_Ant1



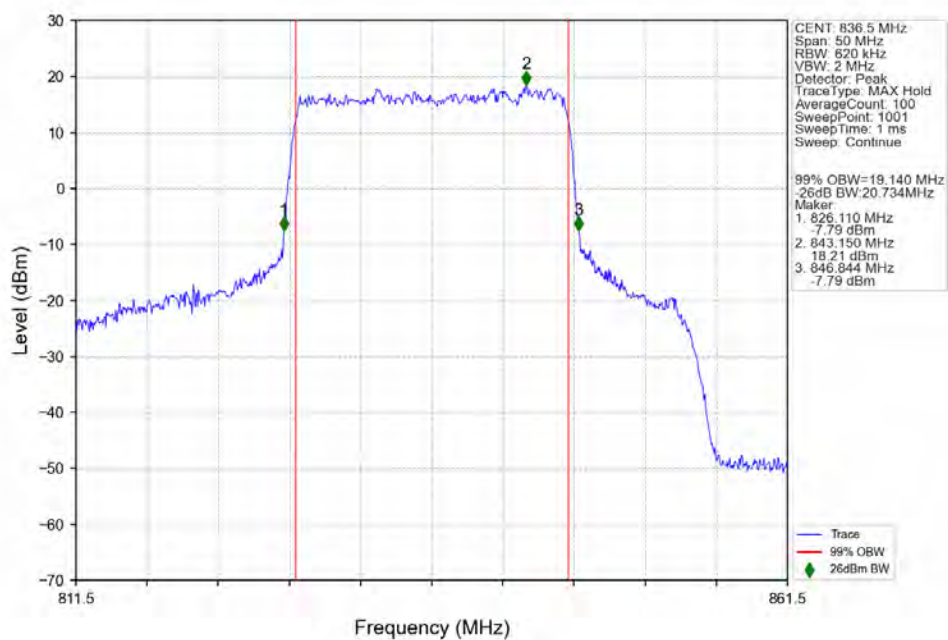
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_256_QAM_836.5MHz_Outer_Full_Ant1



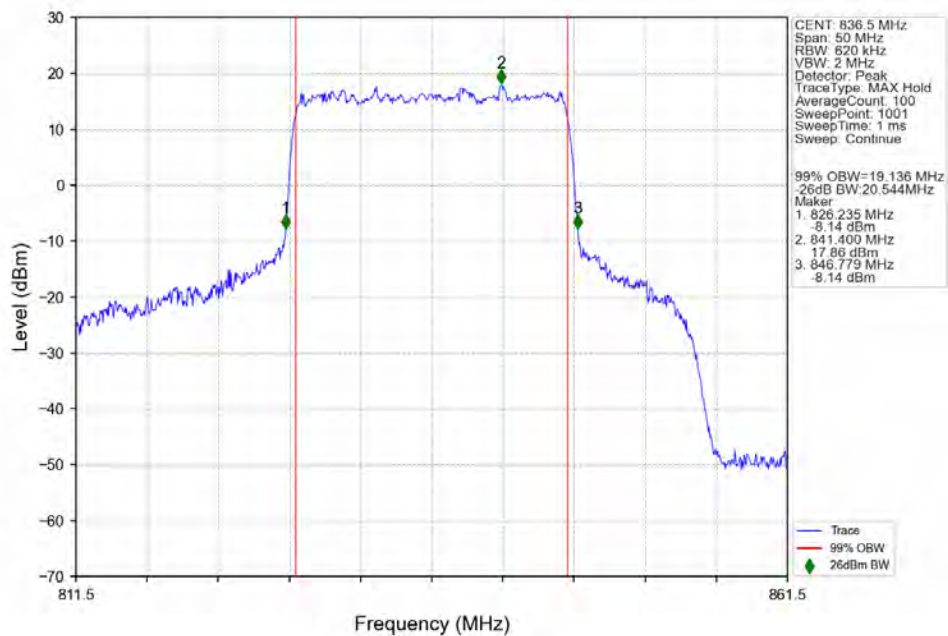
n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_836.5MHz_Outer_Full_Ant1

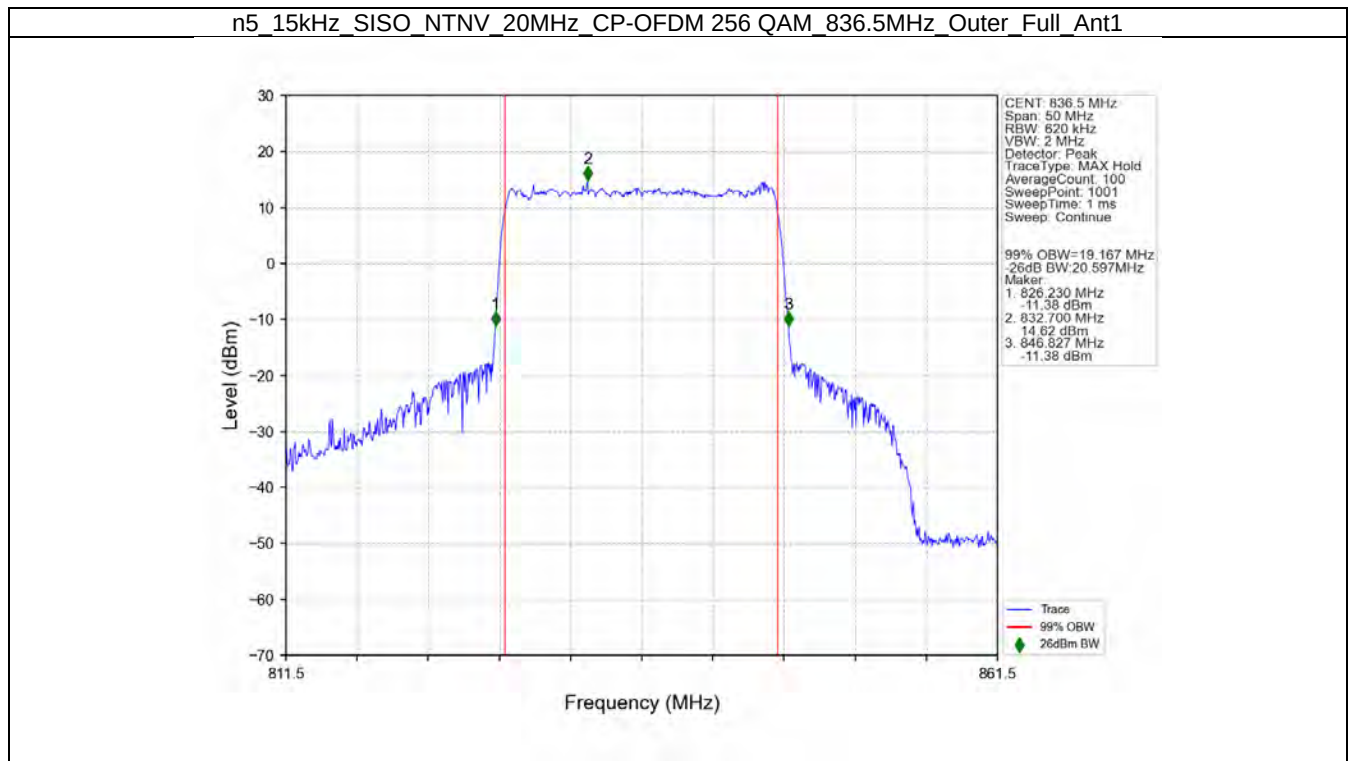


n5_15kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM 836.5MHz_Outer_Full_Ant1



n5_15kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM 836.5MHz_Outer_Full_Ant1





4. Peak-Average Ratio

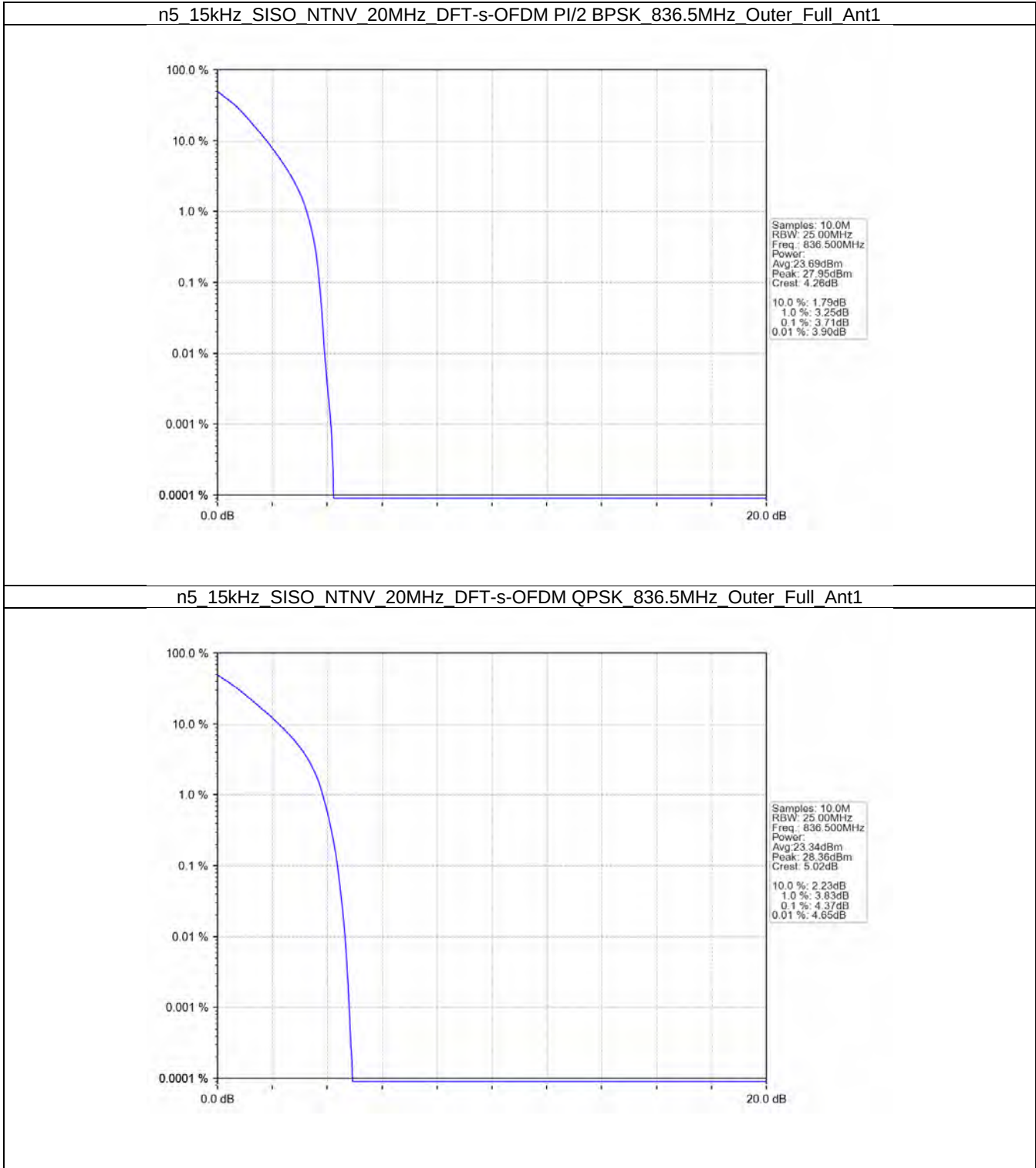
4.1 Test Result

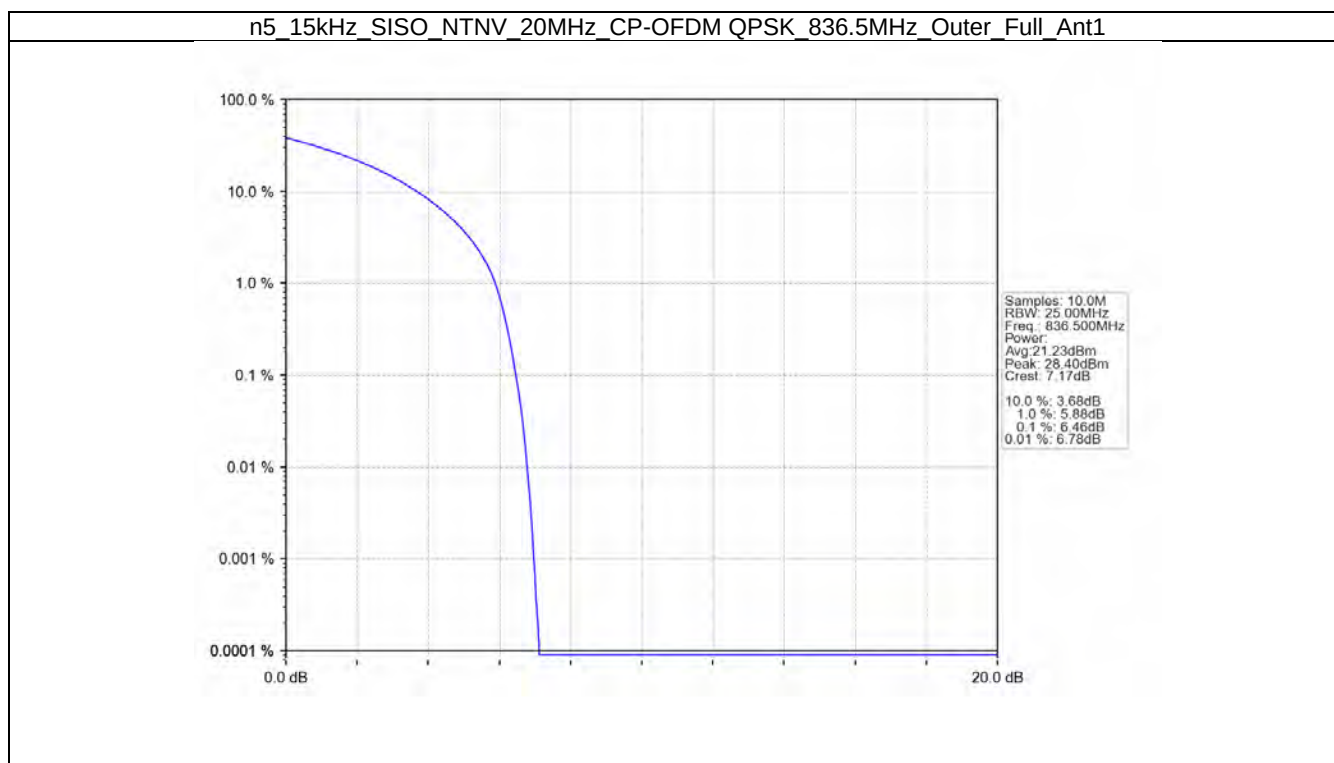
4.1.1 15_S_20M_NTNV

5G NR n5 SCS=15kHz SISO 20MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	836.5	Outer Full	3.71	/	/	<=13	Pass
DFT-s-OFDM QPSK	836.5	Outer Full	4.37	/	/	<=13	Pass
CP-OFDM QPSK	836.5	Outer Full	6.46	/	/	<=13	Pass

4.2 Test Graph

4.2.1 15_S_20M_NTNV





5. Spurious Emission

5.1 Test Result

5.1.1 15_S_5M_NTNV

5G NR n5 SCS=15kHz SISO 5MHz NTN							
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
		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
		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
		Edge 1RB Right	Refer To Test Graph				Pass
		Outer Full	Refer To Test Graph				Pass

5.1.2 15_S_15M_NTNV

5G NR n5 SCS=15kHz SISO 15MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			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
		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
		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
		Edge 1RB Right	Refer To Test Graph				Pass
		Outer Full	Refer To Test Graph				Pass

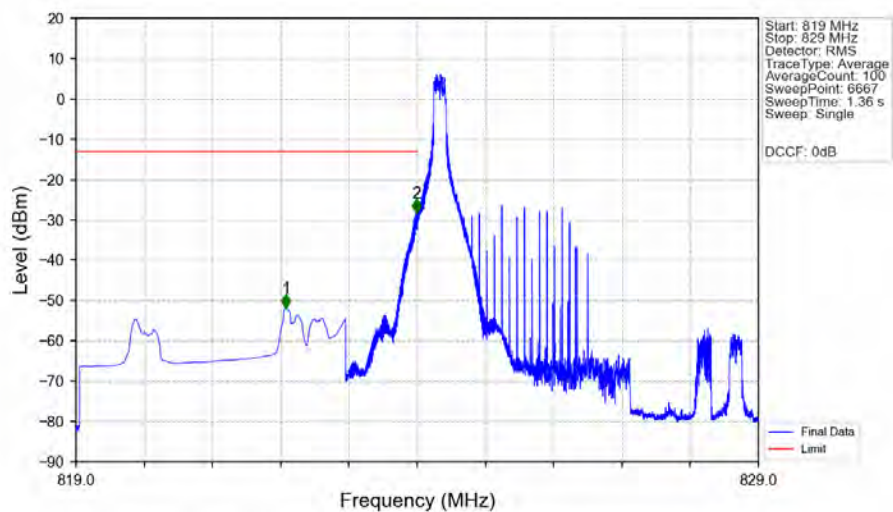
5.1.3 15_S_20M_NTNV

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

5.2 Test Graph

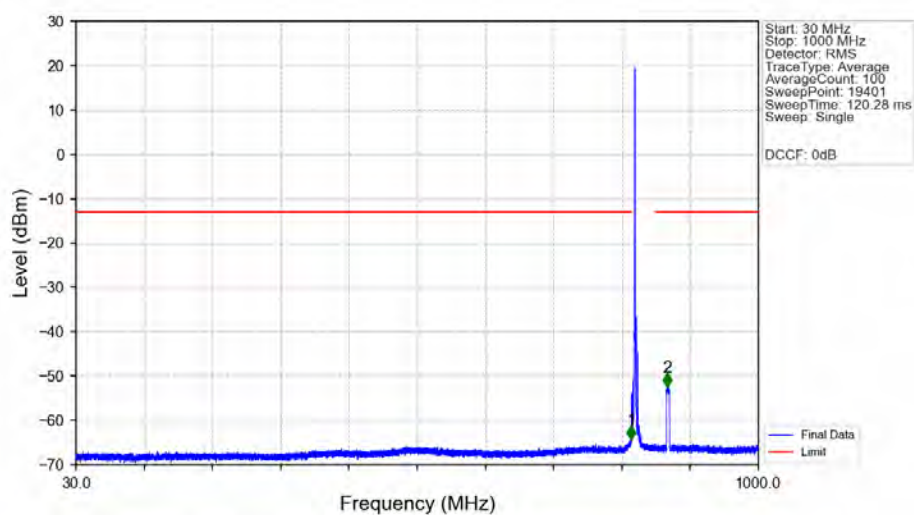
5.2.1 15_S_5M_NTNV

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_826.5MHz_Edge_1RB_Left_Ant1

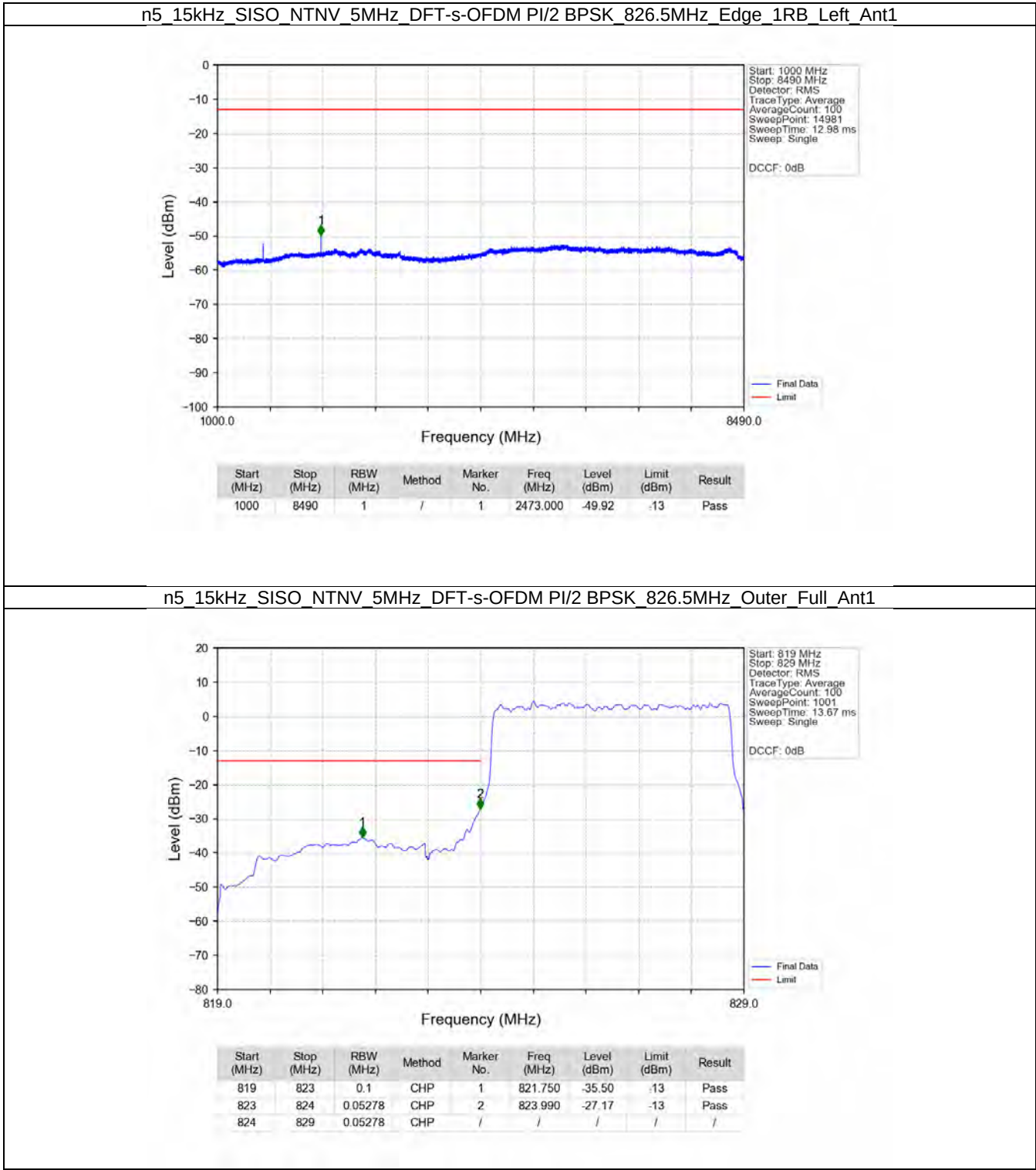


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.077	-51.93	-13	Pass
823	824	0.003	/	2	823.992	-28.16	-13	Pass
824	829	0.003	/	/	/	/	/	/

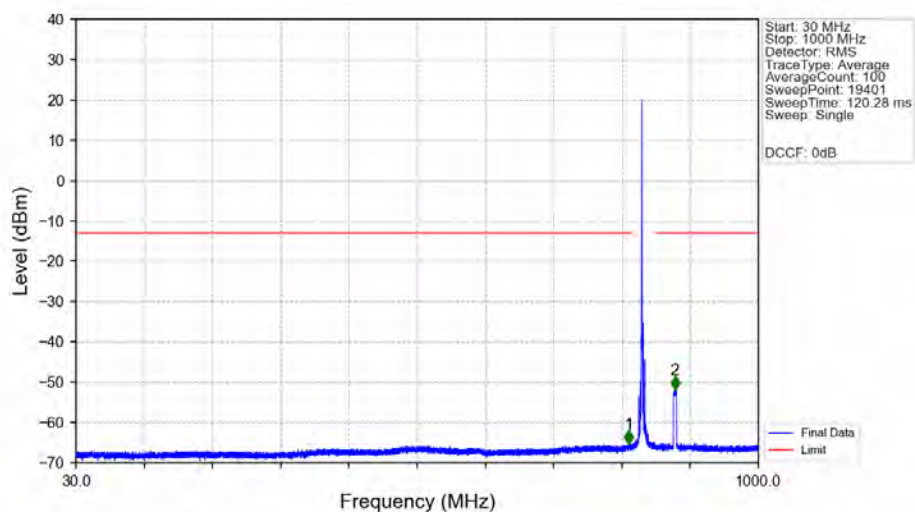
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_826.5MHz_Edge_1RB_Left_Ant1



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.950	-64.38	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	870.250	-52.44	-13	Pass

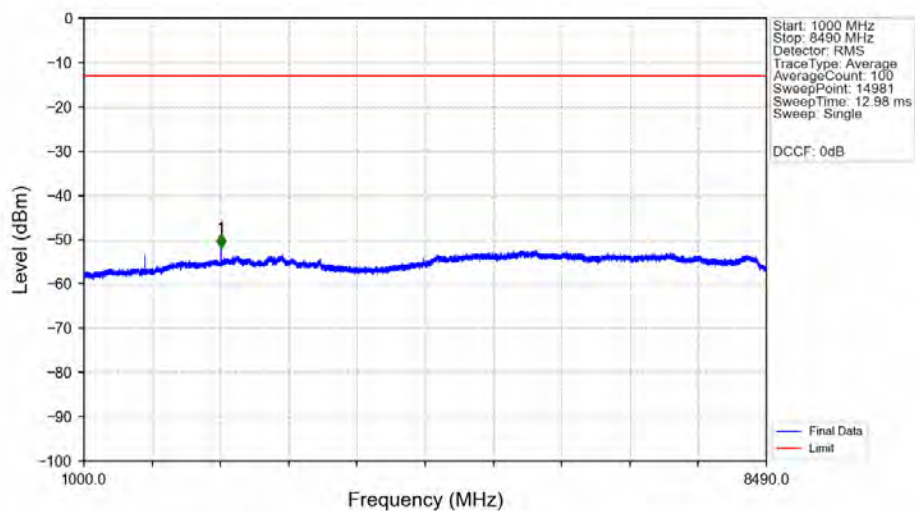


n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_836.5MHz_Edge_1RB_Left_Ant1



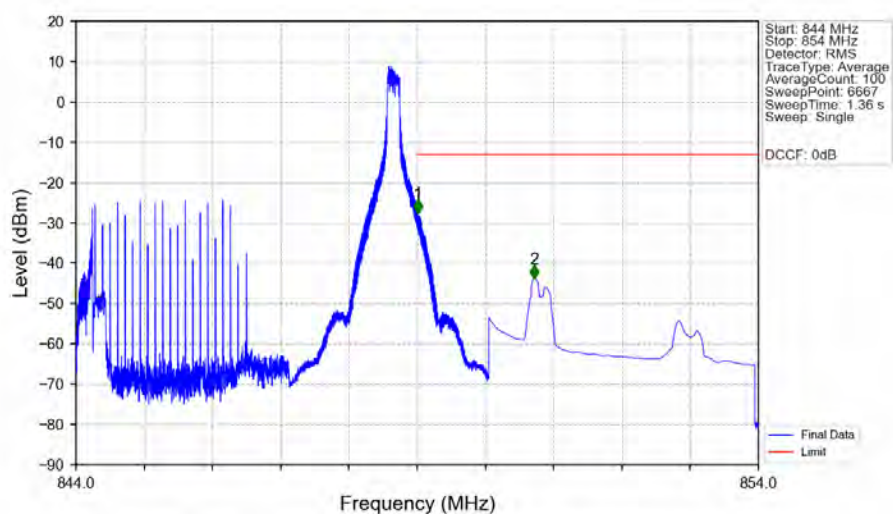
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	815.750	-65.29	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	881.350	-51.90	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_836.5MHz_Edge_1RB_Left_Ant1



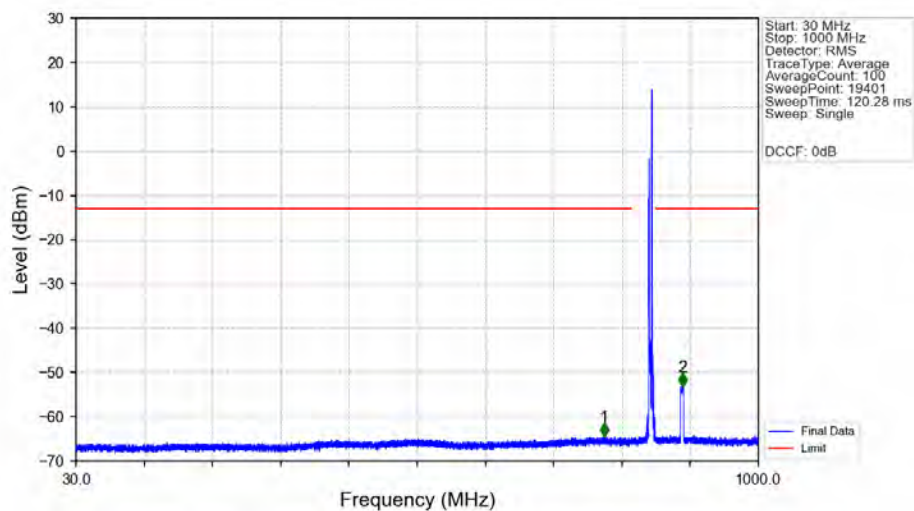
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	2503.500	-51.81	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_846.5MHz_Edge_1RB_Right_Ant1



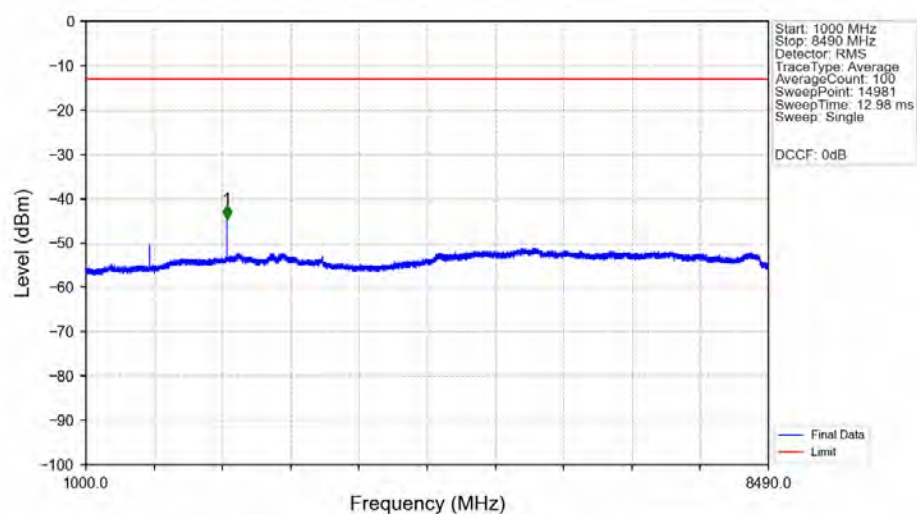
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.008	-27.59	-13	Pass
850	854	0.1	CHP	2	850.716	-43.85	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_846.5MHz_Edge_1RB_Right_Ant1

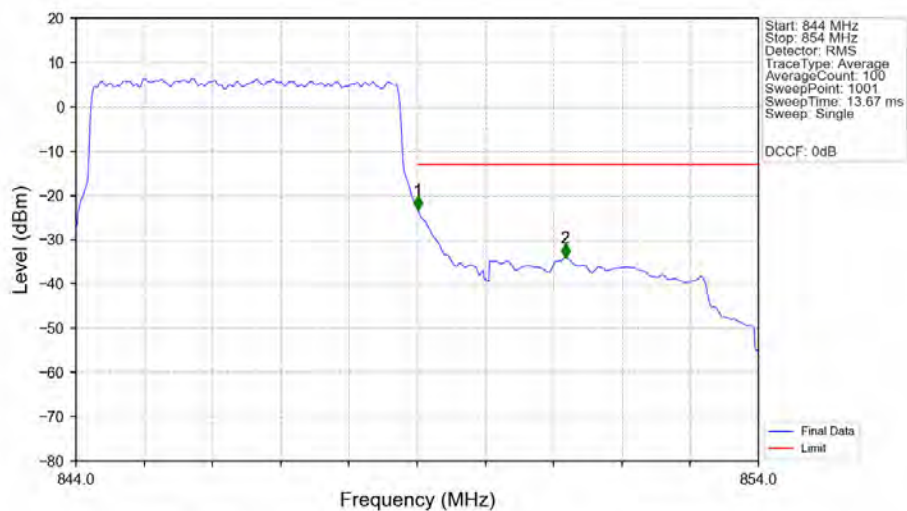


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	780.700	-64.43	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	892.600	-53.12	-13	Pass

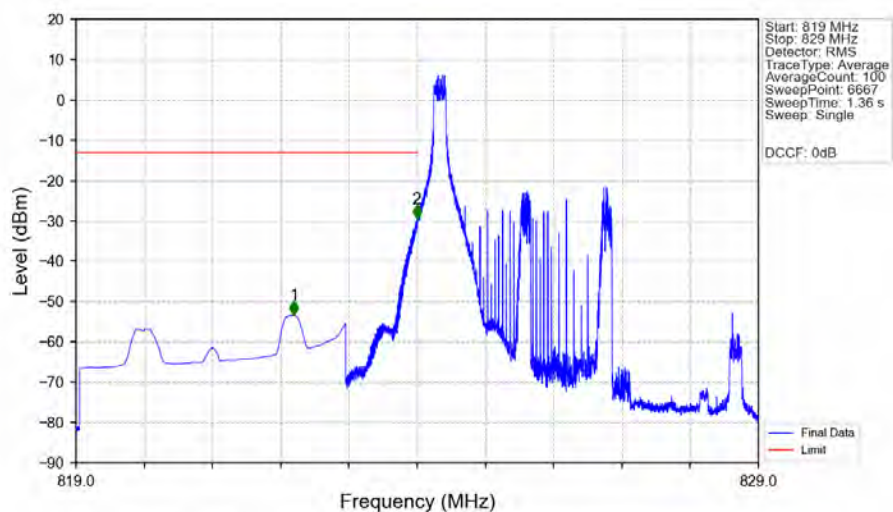
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_846.5MHz_Edge_1RB_Right_Ant1



n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_846.5MHz_Outer_Full_Ant1

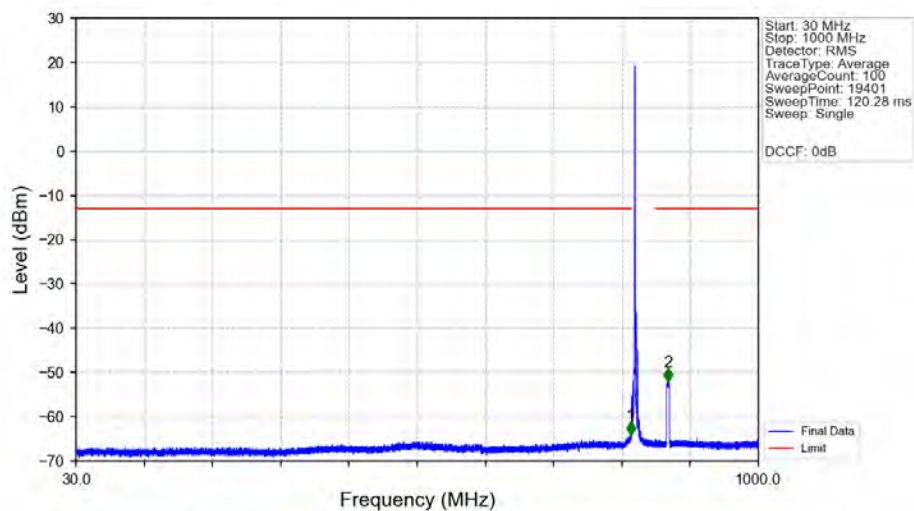


n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_826.5MHz_Edge_1RB_Left_Ant1



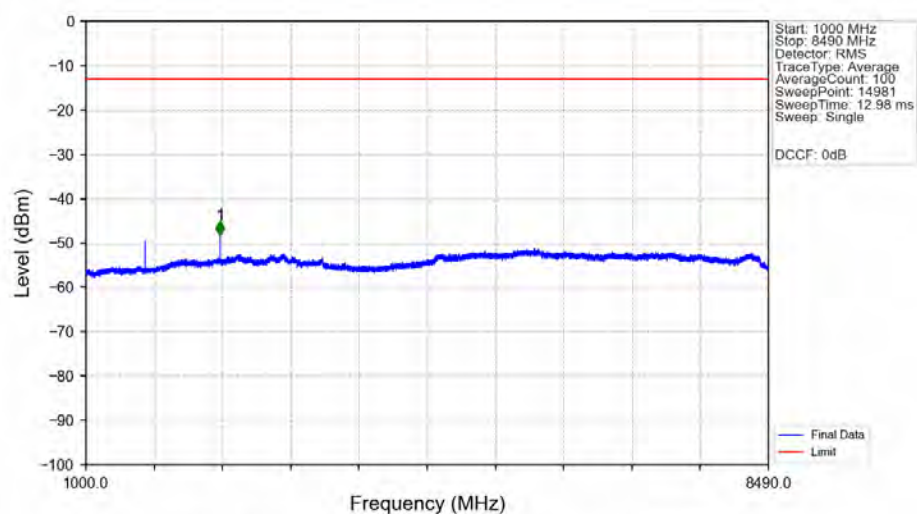
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.192	-53.24	-13	Pass
823	824	0.003	/	2	823.995	-29.46	-13	Pass
824	829	0.003	/	/	/	/	/	/

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_826.5MHz_Edge_1RB_Left_Ant1



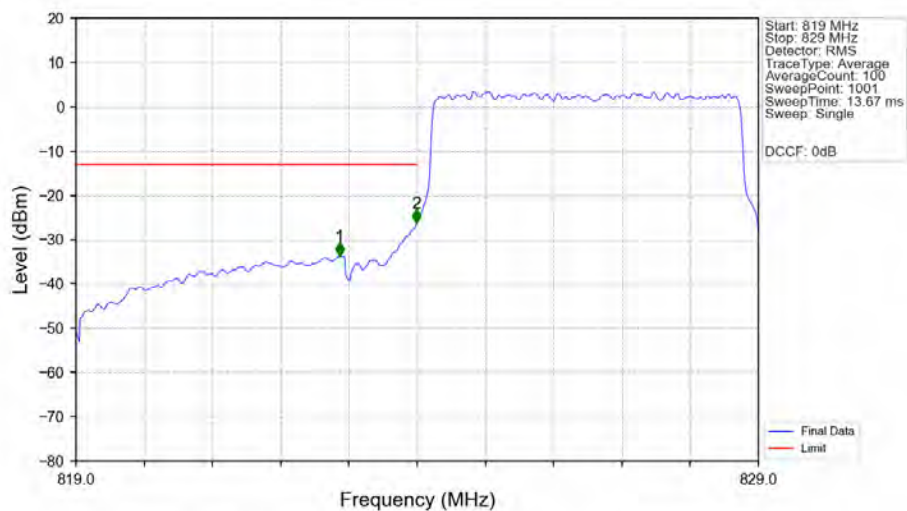
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.300	-64.11	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	871.350	-52.08	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_826.5MHz_Edge_1RB_Left_Ant1



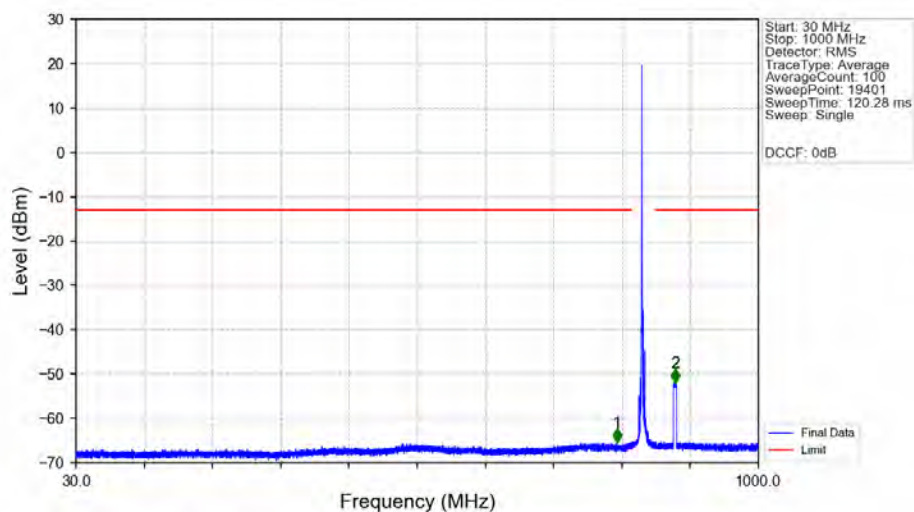
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	2473.000	-48.25	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_826.5MHz_Outer_Full_Ant1



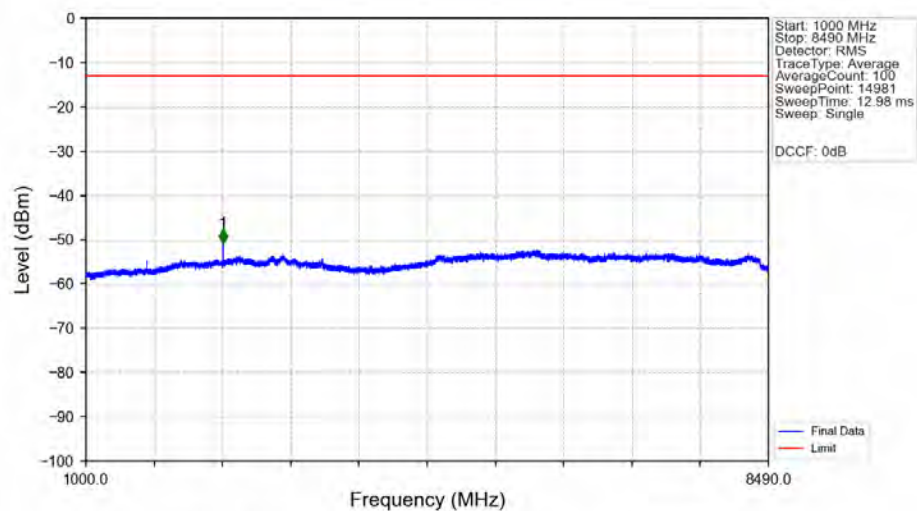
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.860	-33.71	-13	Pass
823	824	0.05278	CHP	2	823.990	-26.28	-13	Pass
824	829	0.05278	CHP	/	/	/	/	/

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant1



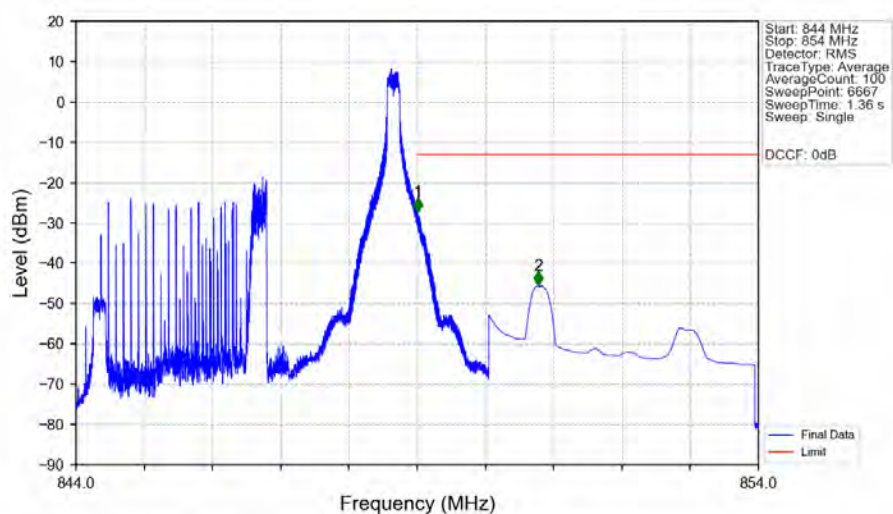
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	799.000	-65.43	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	882.000	-51.98	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant1



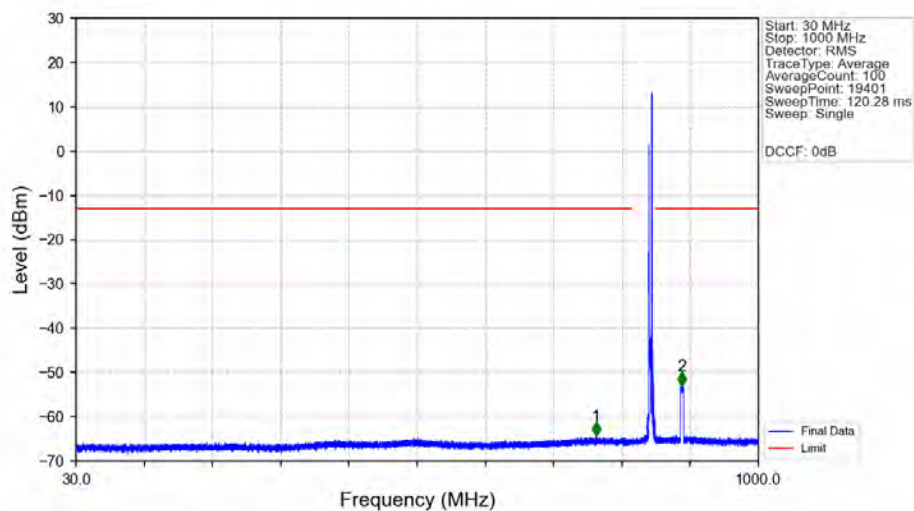
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	2503.500	-50.74	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_846.5MHz_Edge_1RB_Right_Ant1



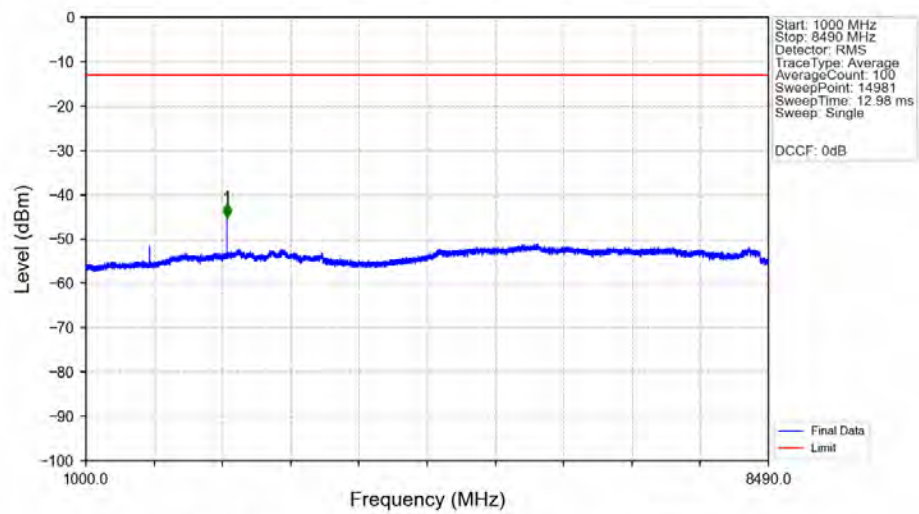
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.008	-27.31	-13	Pass
850	854	0.1	CHP	2	850.773	-45.51	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_846.5MHz_Edge_1RB_Right_Ant1



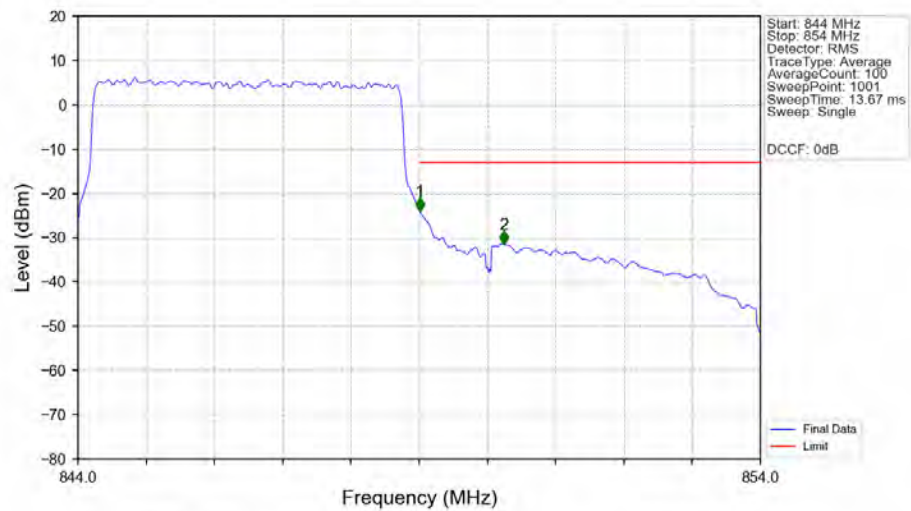
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	769.150	-64.34	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	891.500	-53.02	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_846.5MHz_Edge_1RB_Right_Ant1



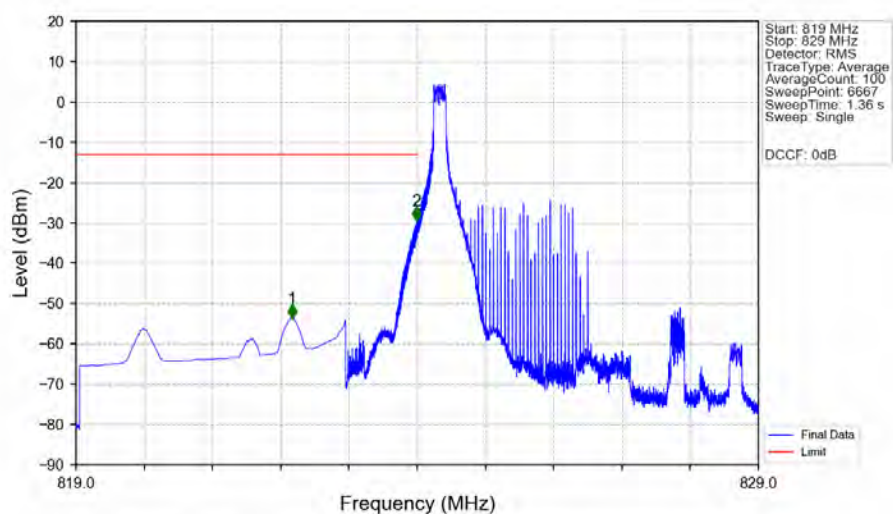
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	2546.000	-45.12	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_846.5MHz_Outer_Full_Ant1



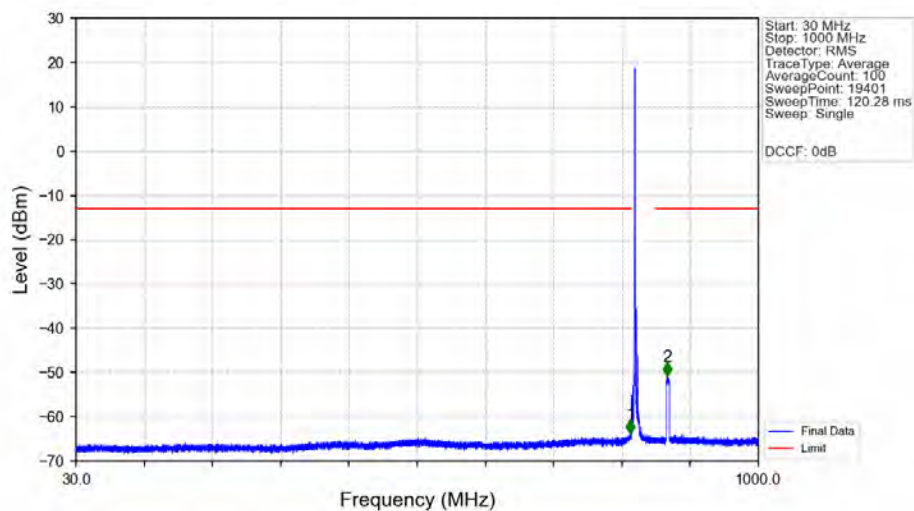
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.05278	CHP	/	/	/	/	/
849	850	0.05278	CHP	1	849.010	-24.10	-13	Pass
850	854	0.1	CHP	2	850.240	-31.43	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_826.5MHz_Edge_1RB_Left_Ant1



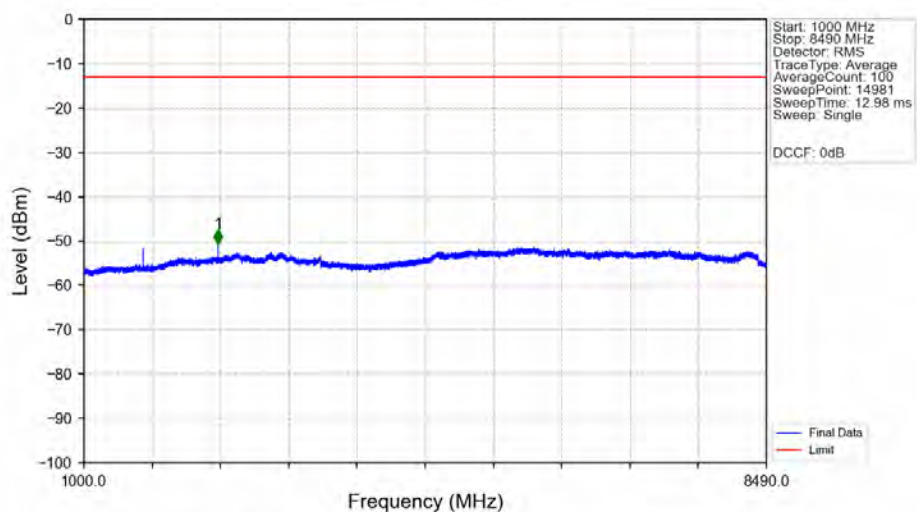
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.164	-53.65	-13	Pass
823	824	0.003	/	2	823.992	-29.44	-13	Pass
824	829	0.003	/	/	/	/	/	/

n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_826.5MHz_Edge_1RB_Left_Ant1



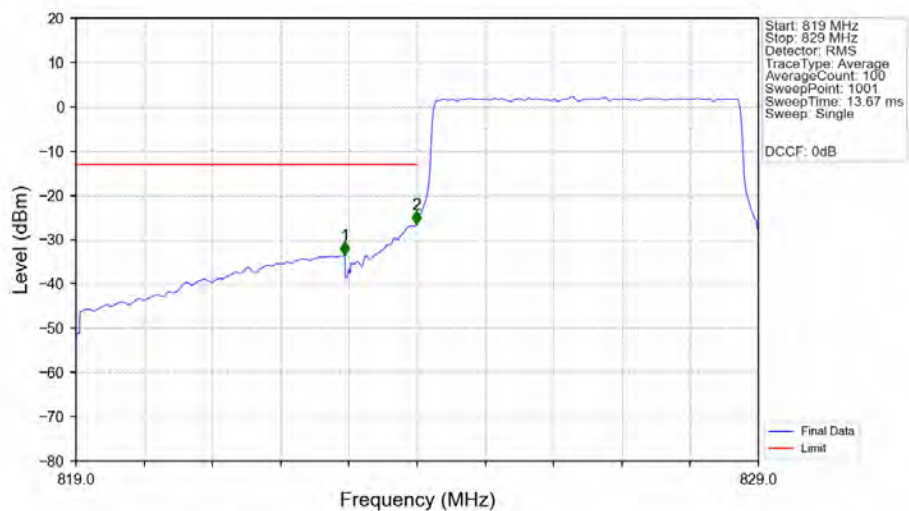
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	817.950	-63.76	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	870.900	-50.88	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_826.5MHz_Edge_1RB_Left_Ant1



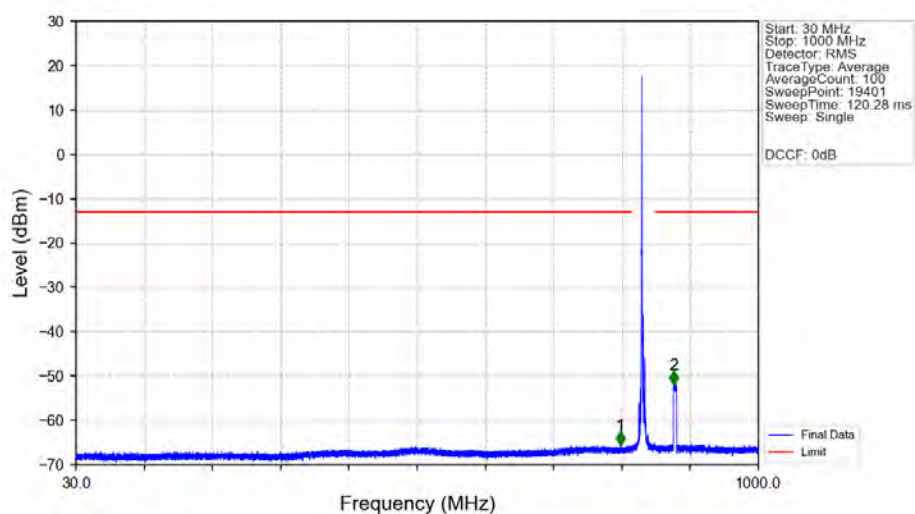
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	2473.000	-50.55	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_826.5MHz_Outer_Full_Ant1



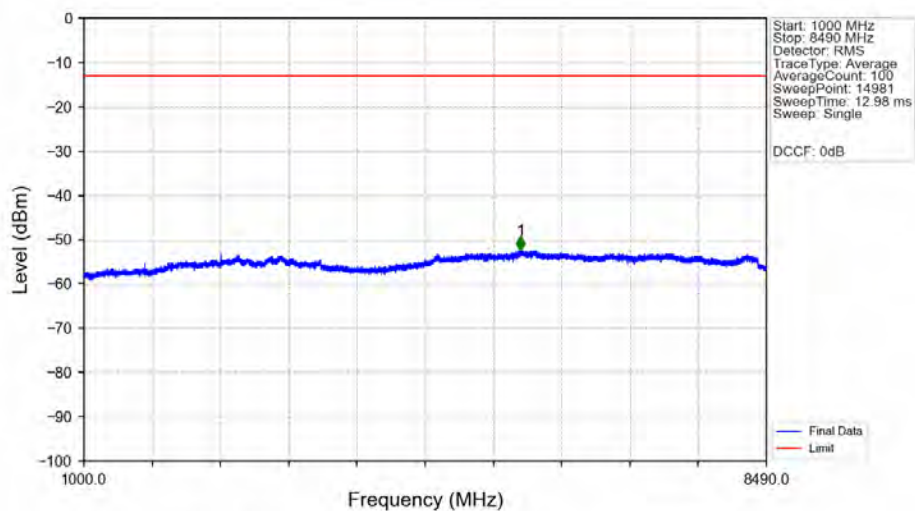
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.940	-33.47	-13	Pass
823	824	0.05278	CHP	2	823.990	-26.59	-13	Pass
824	829	0.05278	CHP	/	/	/	/	/

n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant1



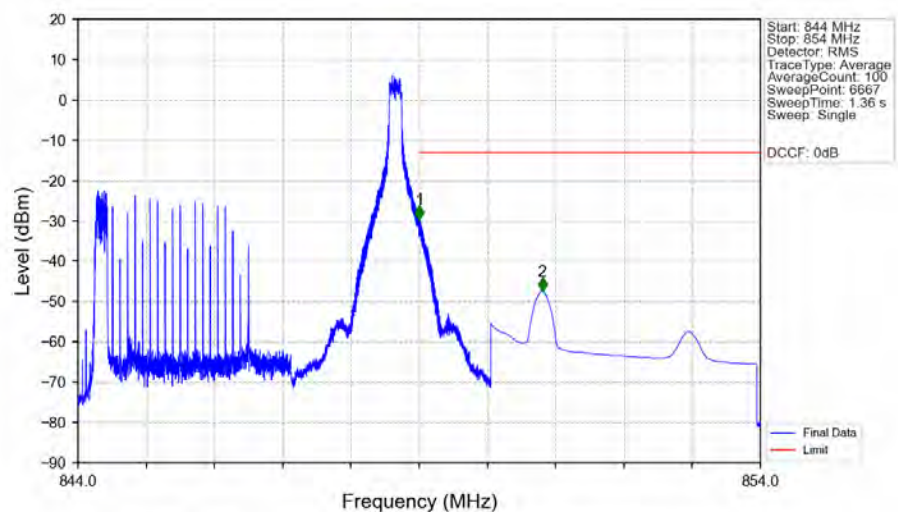
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	803.450	-65.66	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	880.050	-51.86	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant1



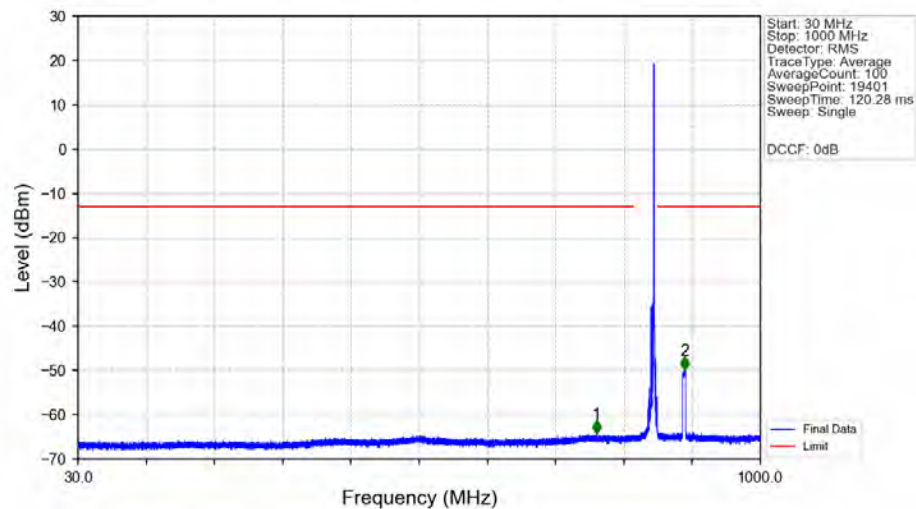
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	5793.500	-52.43	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_846.5MHz_Edge_1RB_Right_Ant1



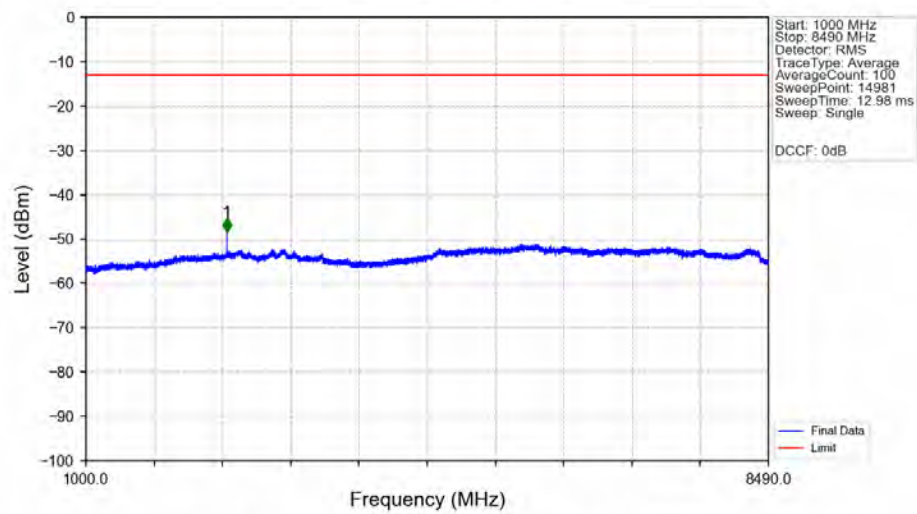
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.005	-29.54	-13	Pass
850	854	0.1	CHP	2	850.805	-47.42	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_846.5MHz_Edge_1RB_Right_Ant1



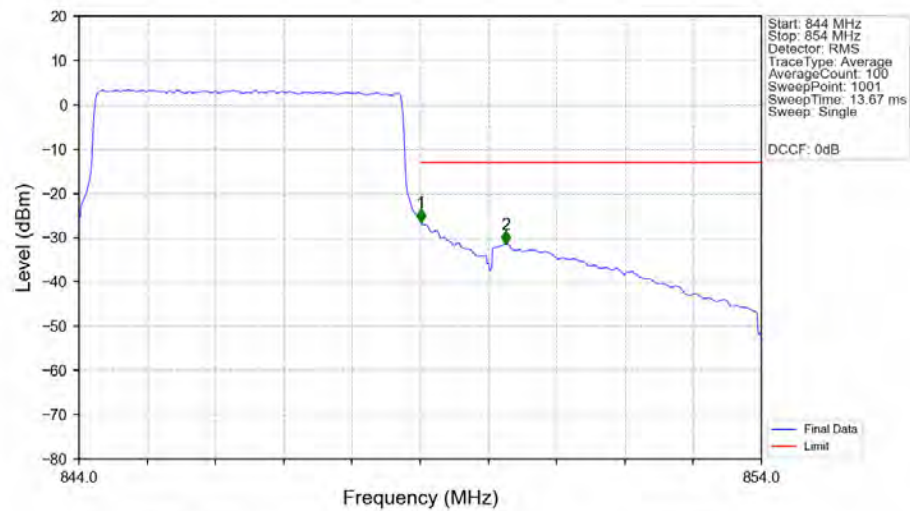
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	767.150	-64.35	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	891.900	-49.97	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_846.5MHz_Edge_1RB_Right_Ant1



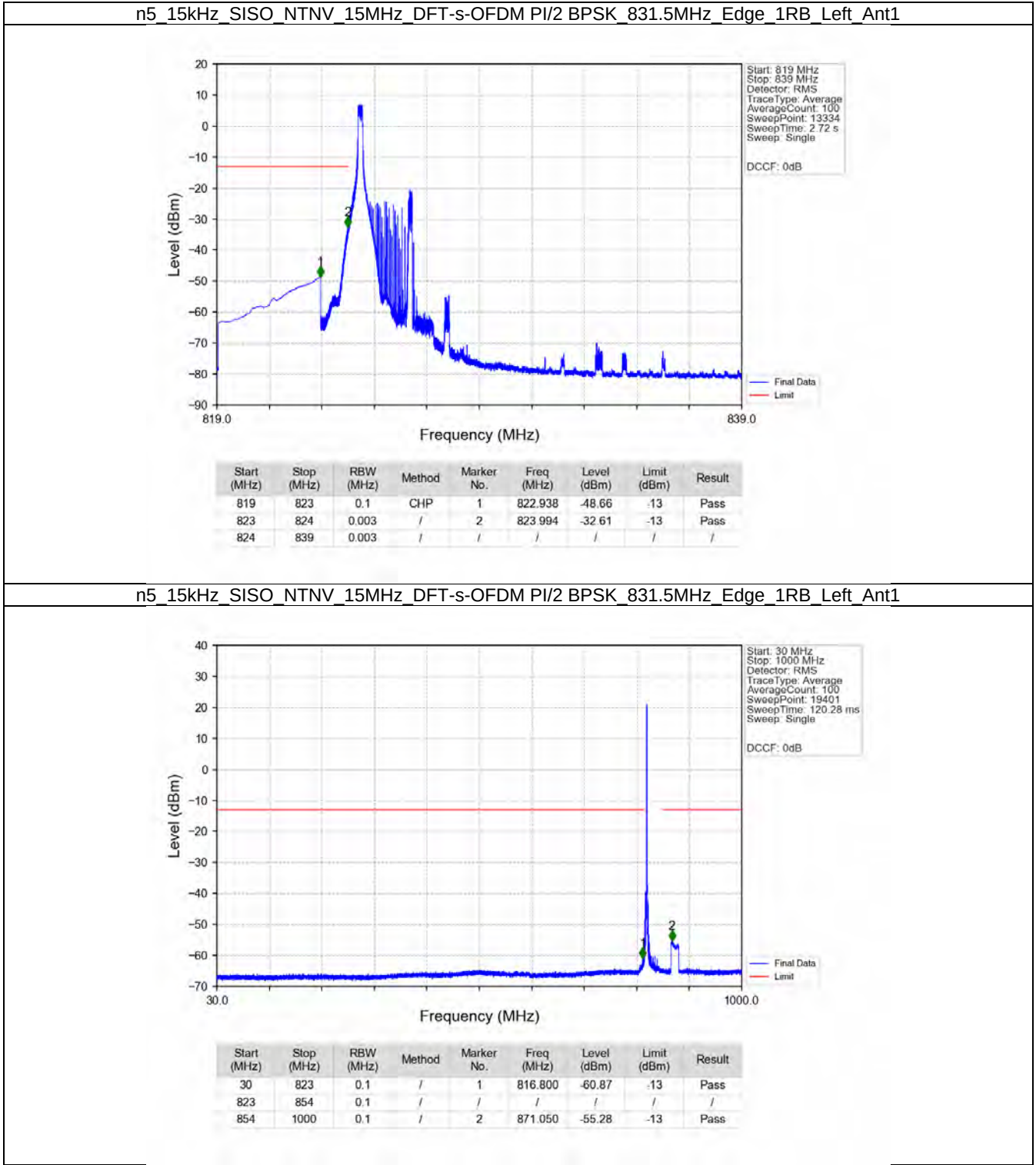
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	2546.000	-48.46	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_846.5MHz_Outer_Full_Ant1

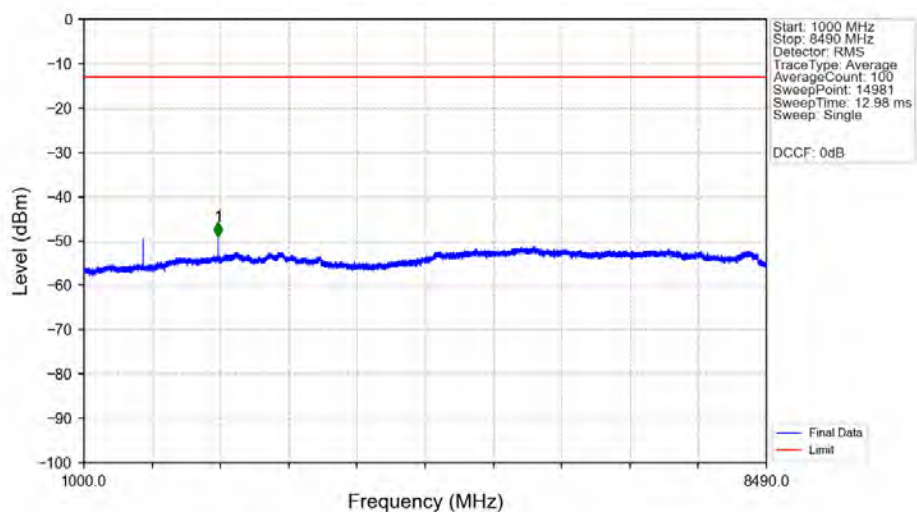


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.05278	CHP	/	/	/	/	/
849	850	0.05278	CHP	1	849.010	-26.52	-13	Pass
850	854	0.1	CHP	2	850.250	-31.45	-13	Pass

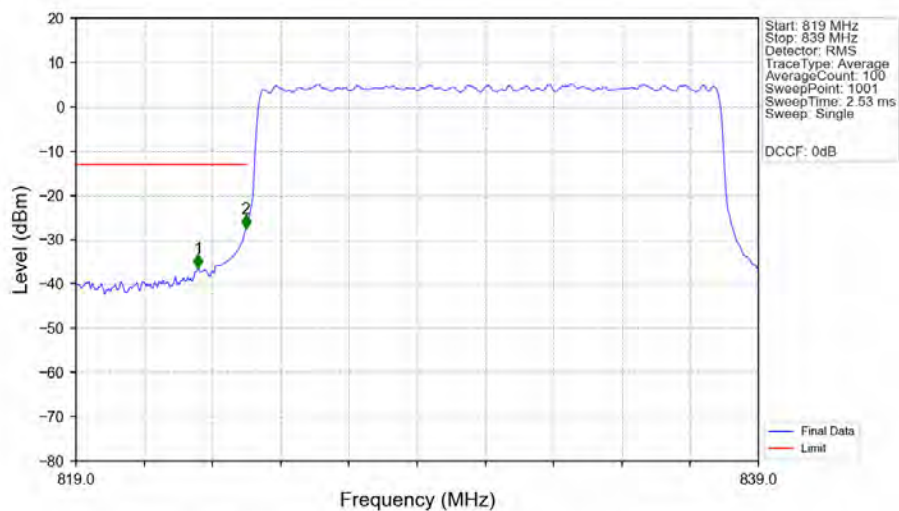
5.2.2 15_S_15M_NTNV



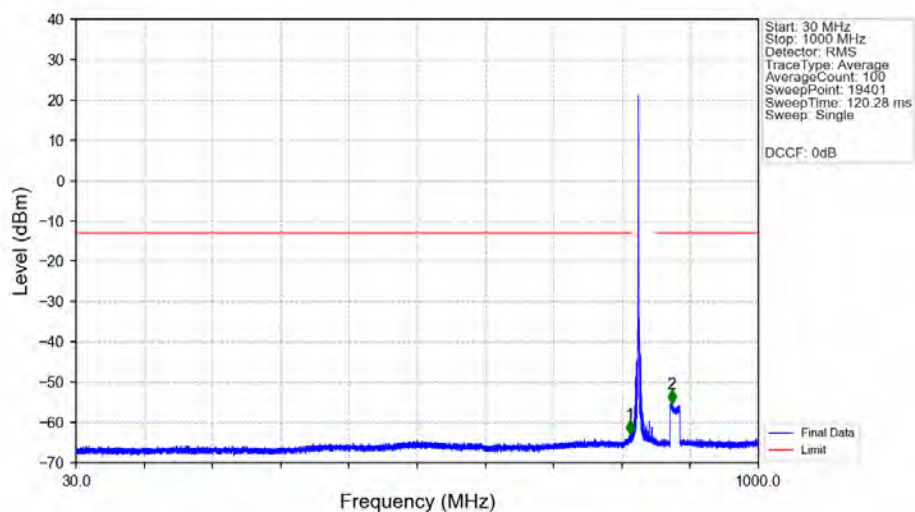
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK 831.5MHz_Edge_1RB_Left_Ant1



n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK 831.5MHz_Outer_Full_Ant1

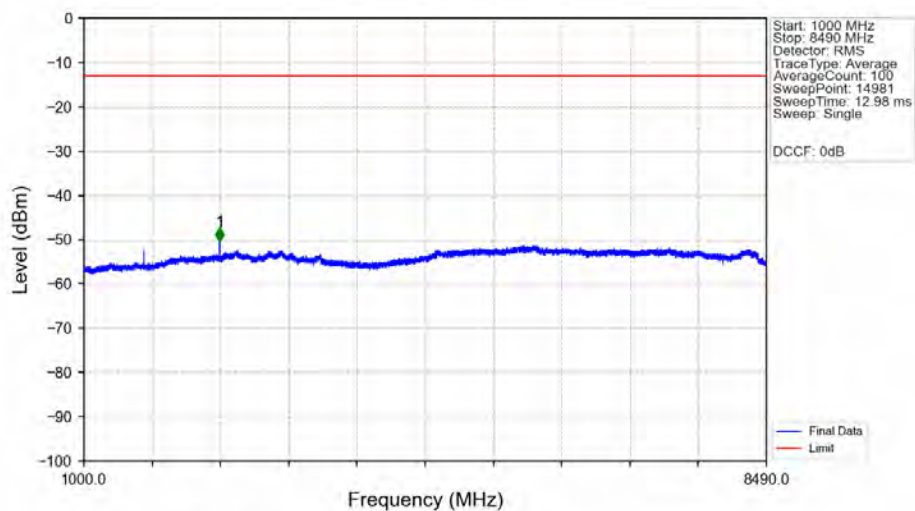


n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_836.5MHz_Edge_1RB_Left_Ant1



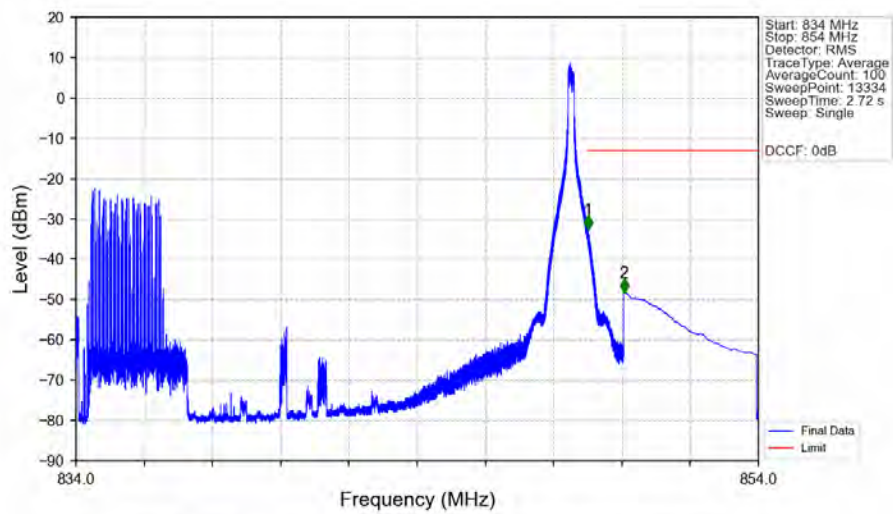
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	817.450	-63.01	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	876.950	-55.40	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_836.5MHz_Edge_1RB_Left_Ant1

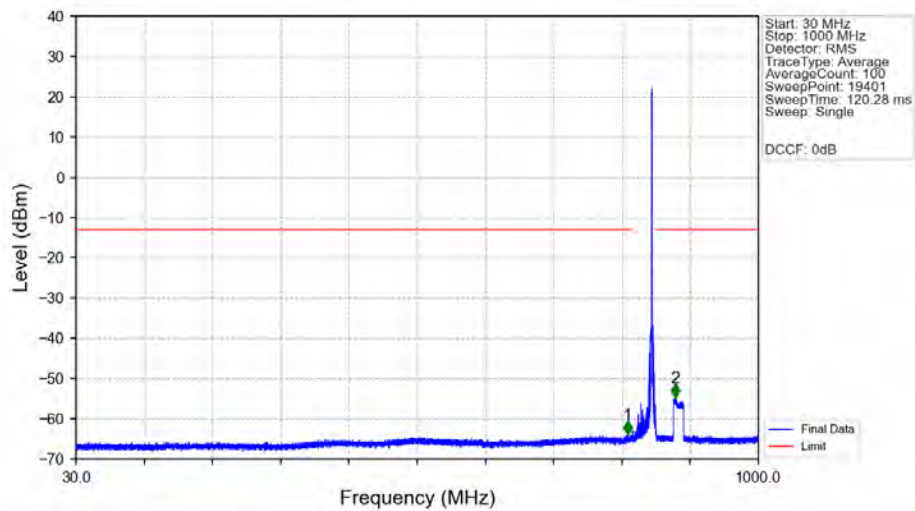


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	2488.500	-50.39	-13	Pass

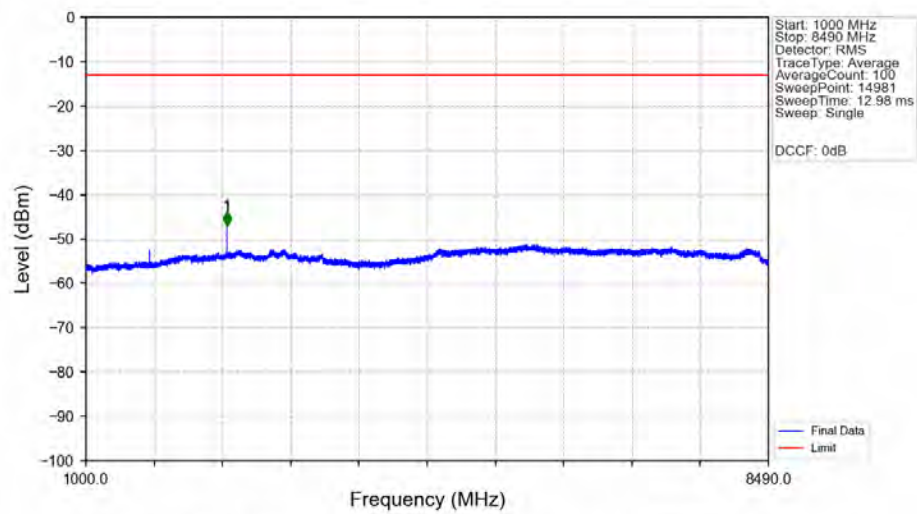
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_841.5MHz_Edge_1RB_Right_Ant1



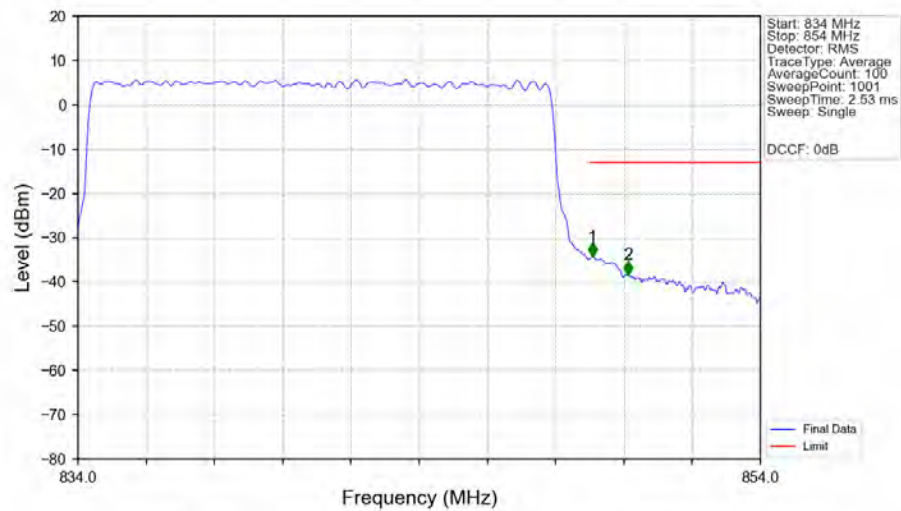
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_841.5MHz_Edge_1RB_Right_Ant1



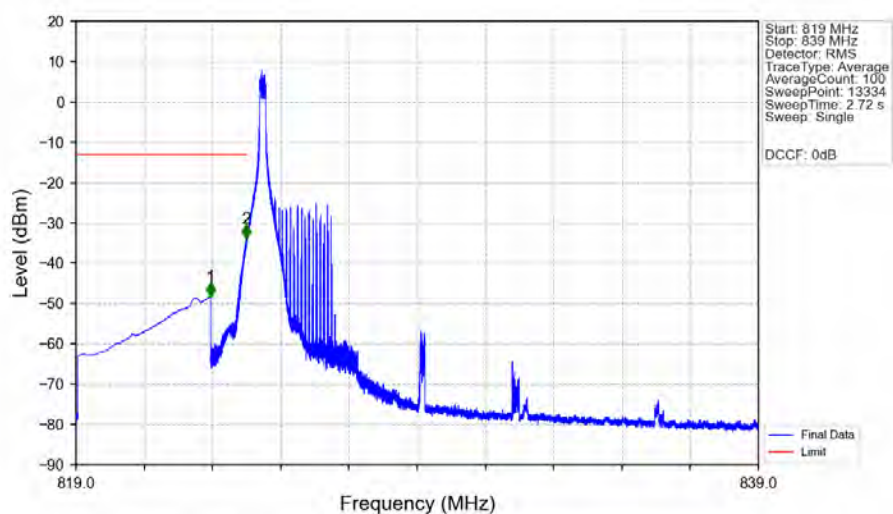
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_841.5MHz_Edge_1RB_Right_Ant1



n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_841.5MHz_Outer_Full_Ant1

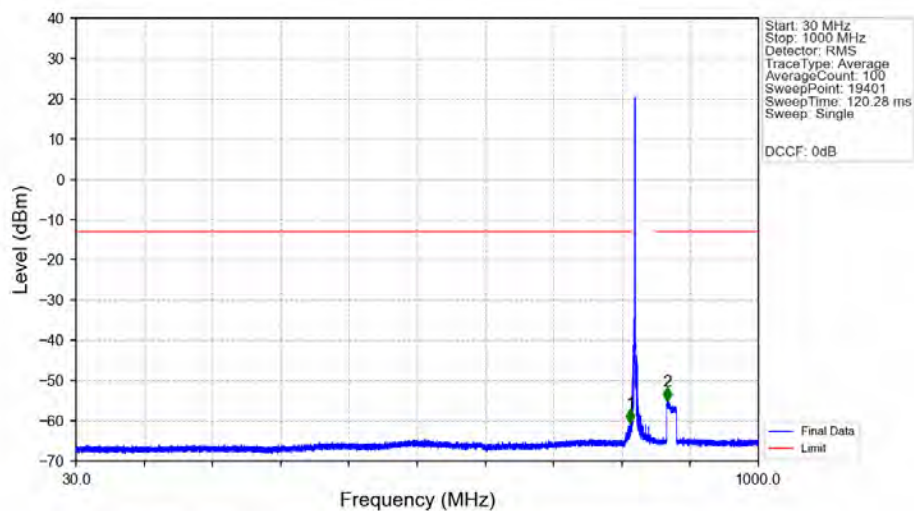


n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_831.5MHz_Edge_1RB_Left_Ant1



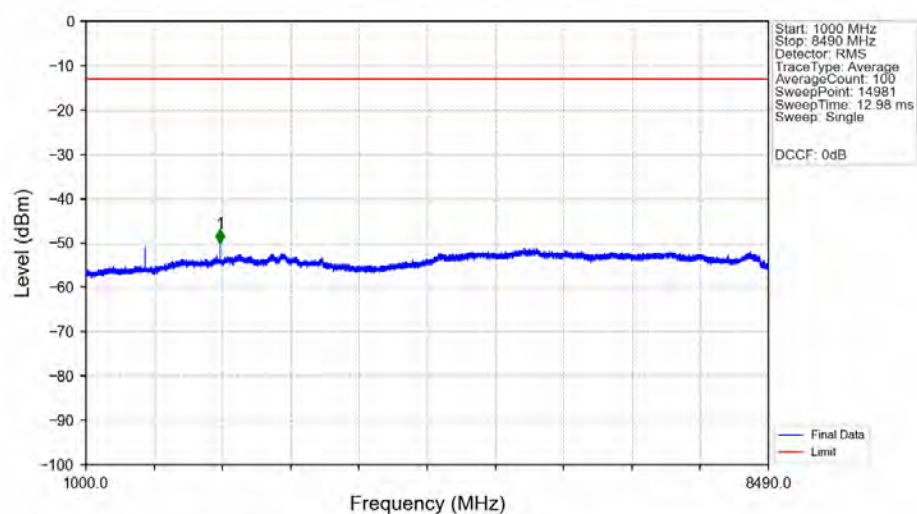
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.941	-48.17	-13	Pass
823	824	0.003	/	2	823.995	-33.89	-13	Pass
824	839	0.003	/	/	/	/	/	/

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_831.5MHz_Edge_1RB_Left_Ant1



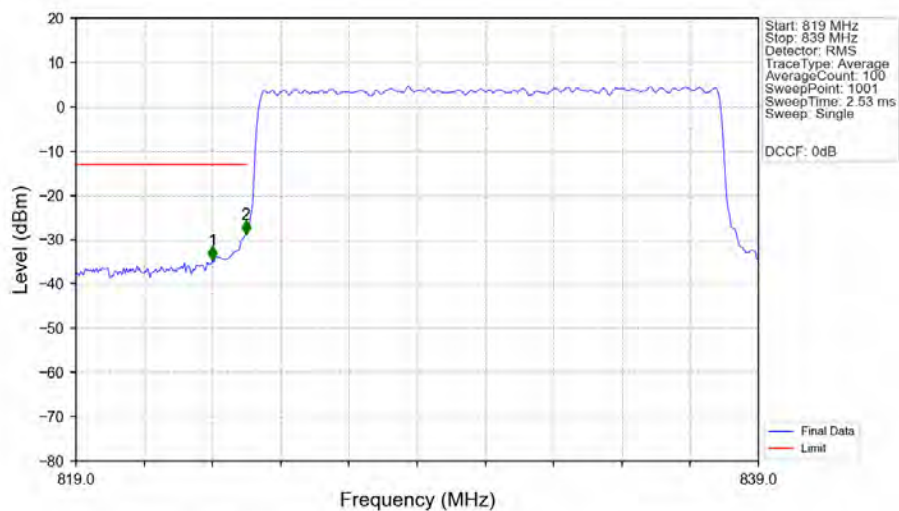
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.100	-60.45	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	870.600	-55.15	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_831.5MHz_Edge_1RB_Left_Ant1



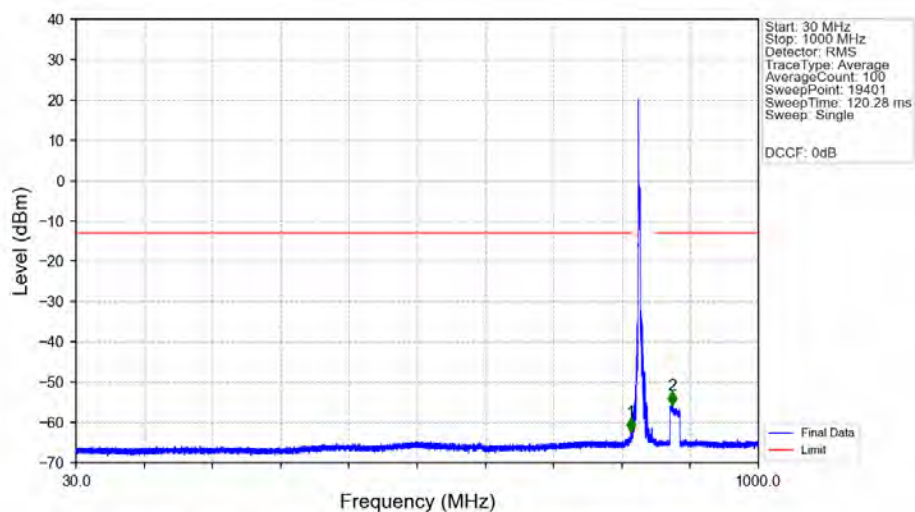
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	2473.500	-50.05	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_831.5MHz_Outer_Full_Ant1



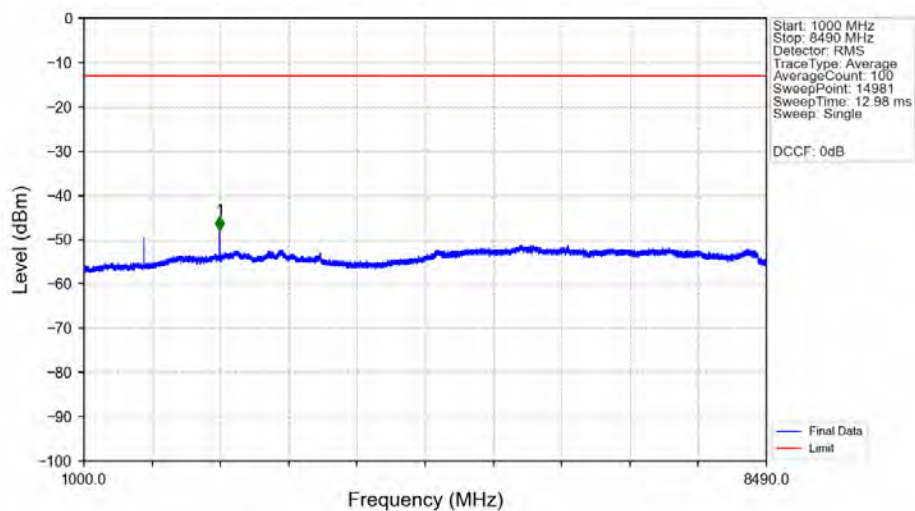
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	/	1	823.000	-34.65	-13	Pass
823	824	0.14758	CHP	2	823.980	-28.84	-13	Pass
824	839	0.14758	CHP	/	/	/	/	/

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant1



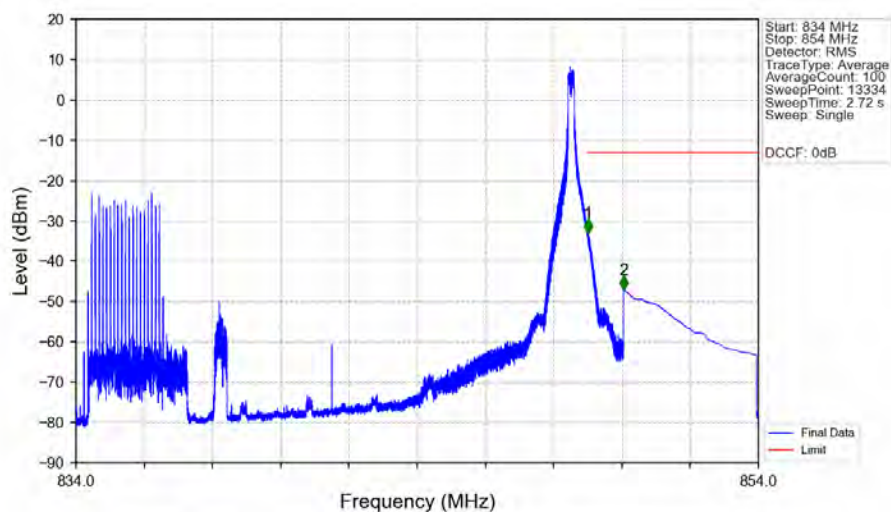
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.900	-62.27	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	877.750	-55.73	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant1



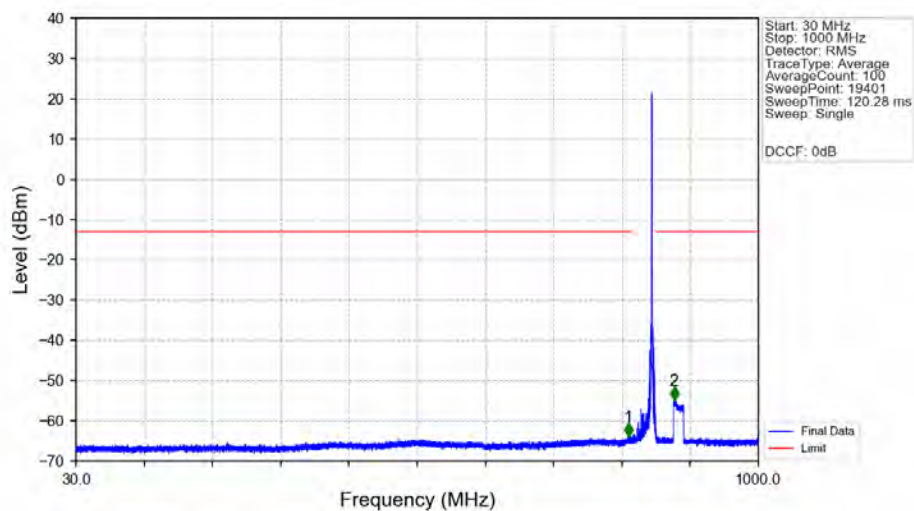
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	2488.500	-47.84	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_841.5MHz_Edge_1RB_Right_Ant1



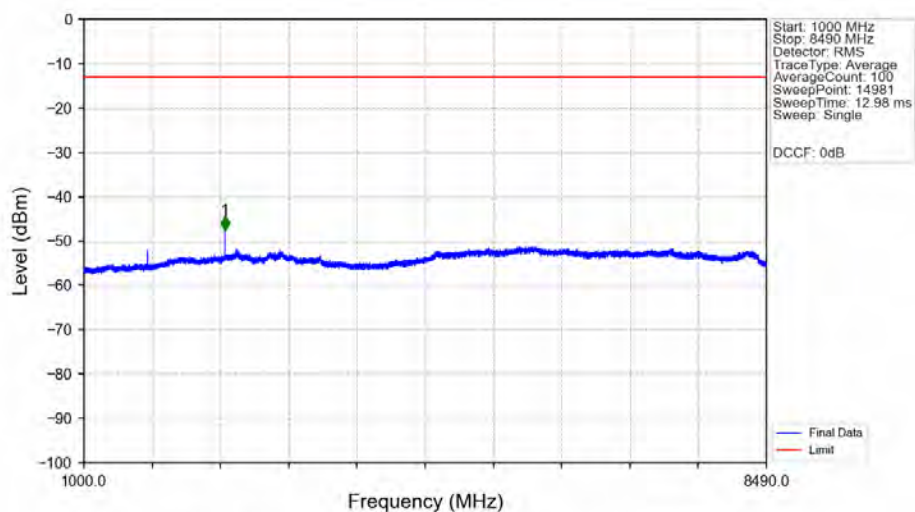
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.011	-33.07	-13	Pass
850	854	0.1	CHP	2	850.055	-47.10	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_841.5MHz_Edge_1RB_Right_Ant1



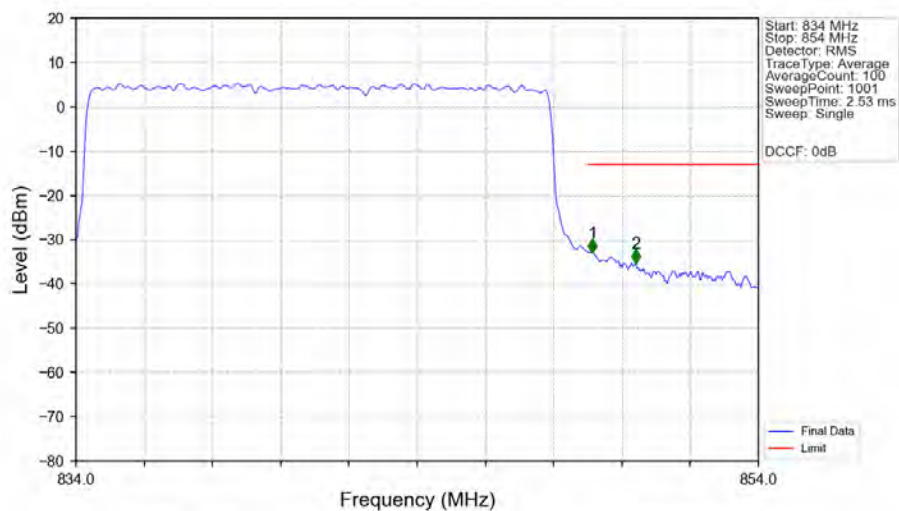
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	815.050	-63.85	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	880.250	-54.97	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_841.5MHz_Edge_1RB_Right_Ant1



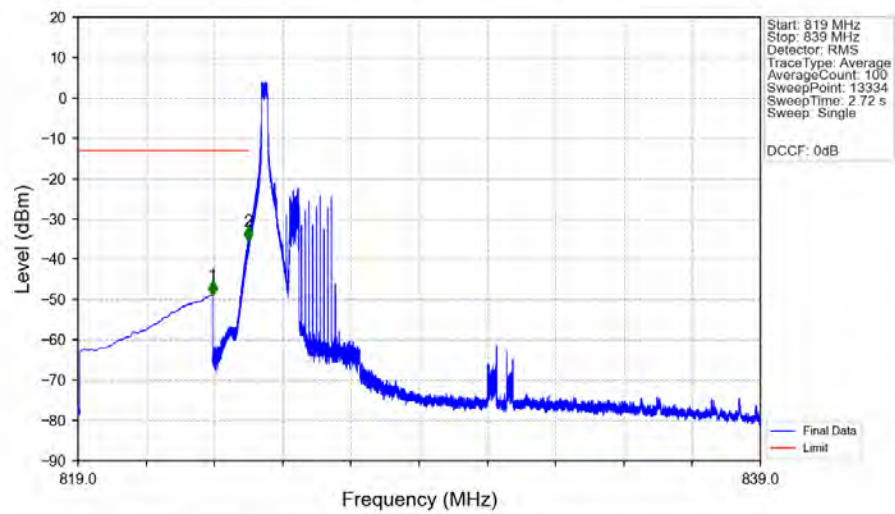
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	2546.000	-47.50	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_841.5MHz_Outer_Full_Ant1

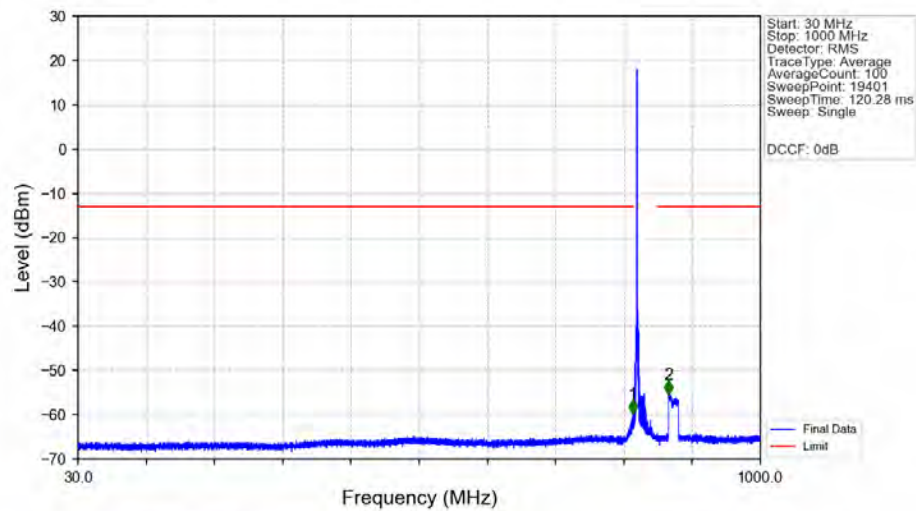


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.14758	CHP	/	/	/	/	/
849	850	0.14758	CHP	1	849.140	-32.89	-13	Pass
850	854	0.1	/	2	850.400	-35.30	-13	Pass

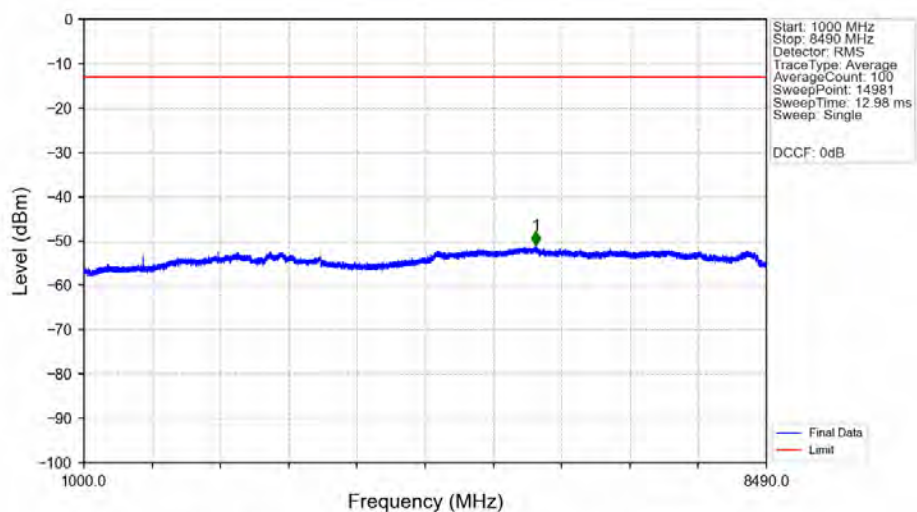
n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_831.5MHz_Edge_1RB_Left_Ant1



n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_831.5MHz_Edge_1RB_Left_Ant1

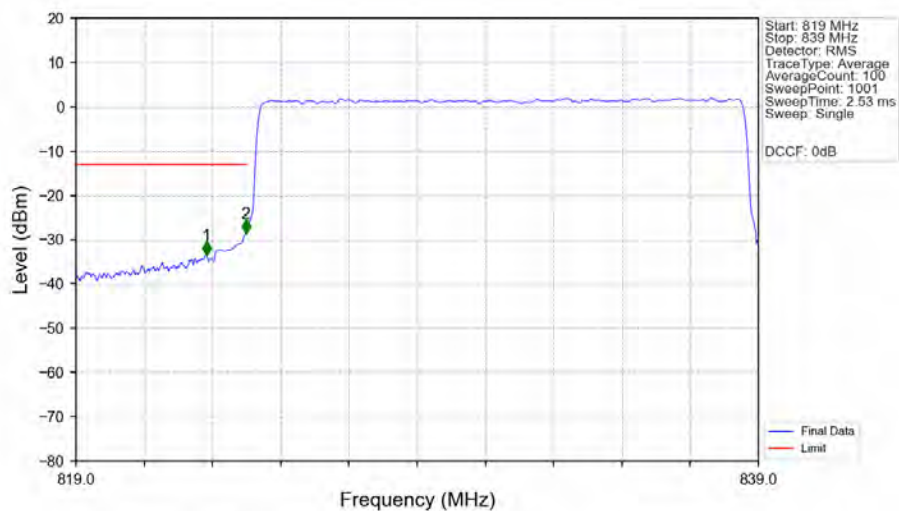


n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_831.5MHz_Edge_1RB_Left_Ant1



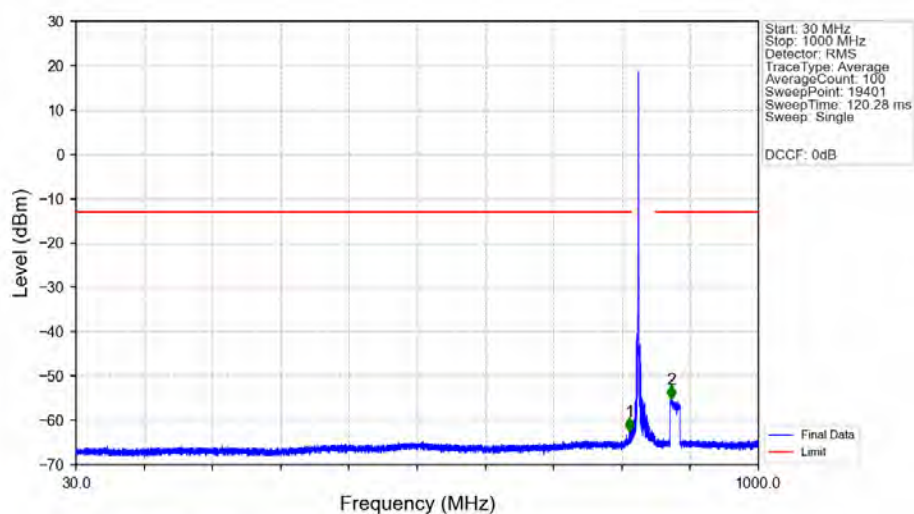
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	5961.000	-50.92	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_831.5MHz_Outer_Full_Ant1



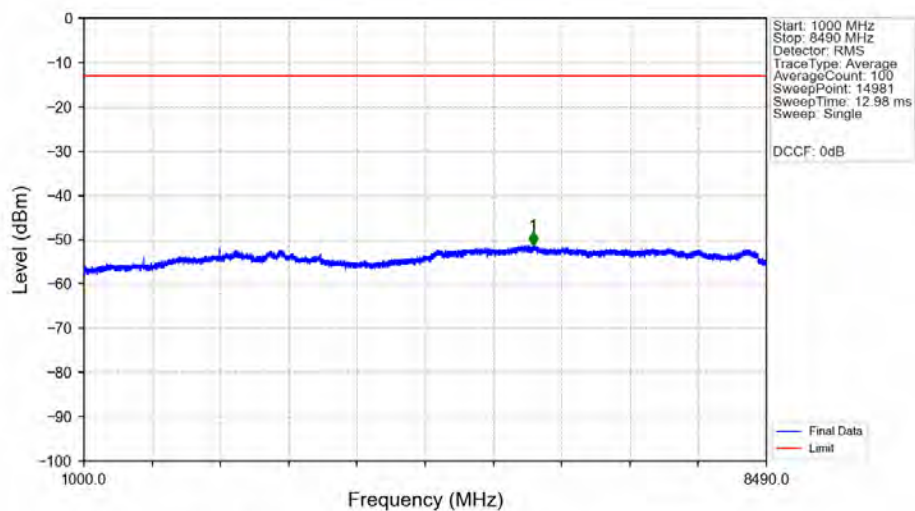
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	/	1	822.820	-33.47	-13	Pass
823	824	0.14758	CHP	2	823.980	-28.61	-13	Pass
824	839	0.14758	CHP	/	/	/	/	/

n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant1



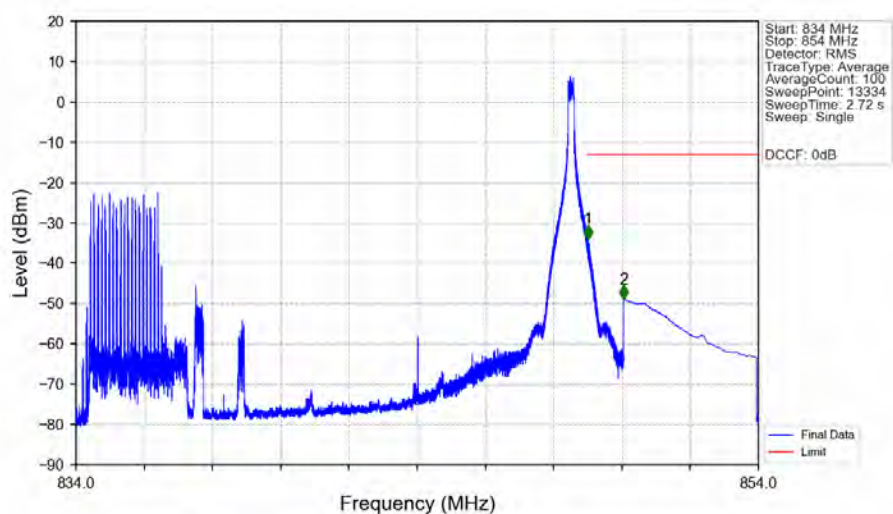
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	816.750	-62.54	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	876.450	-55.24	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant1



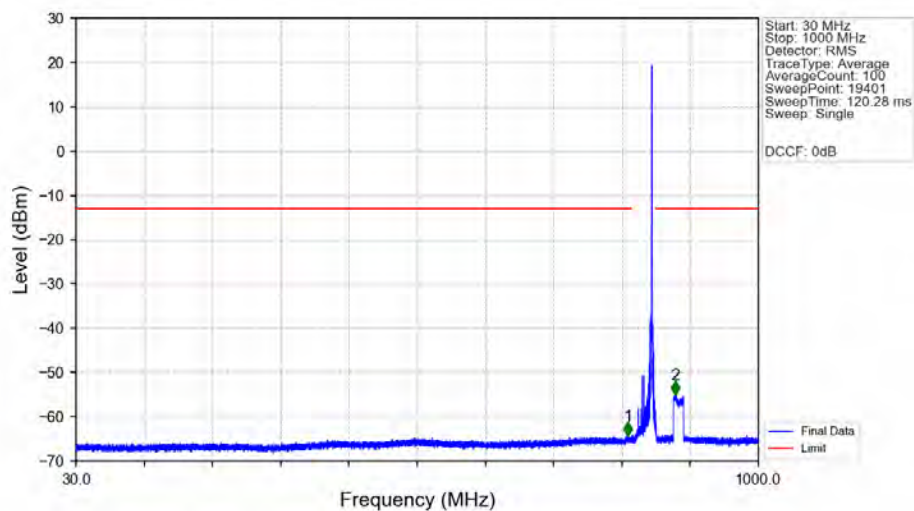
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	5928.500	-51.33	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_841.5MHz_Edge_1RB_Right_Ant1



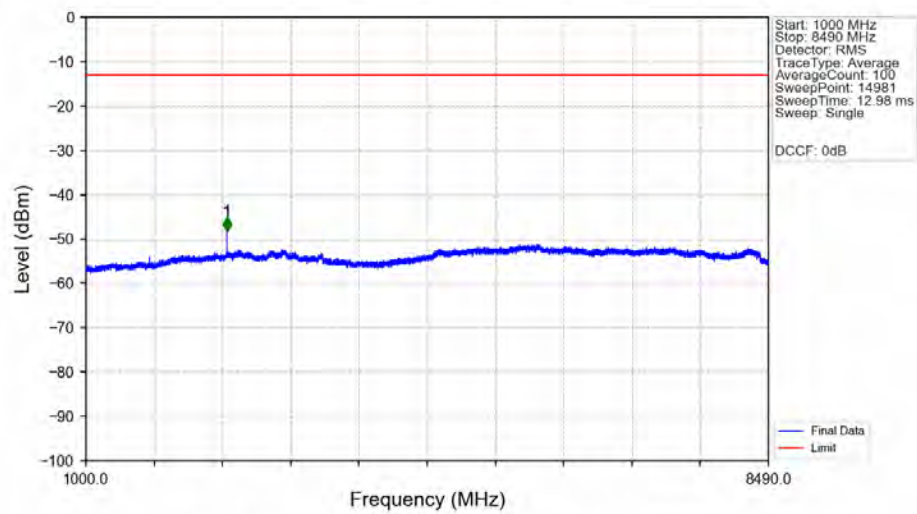
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.003	-33.94	-13	Pass
850	854	0.1	CHP	2	850.050	-48.93	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_841.5MHz_Edge_1RB_Right_Ant1

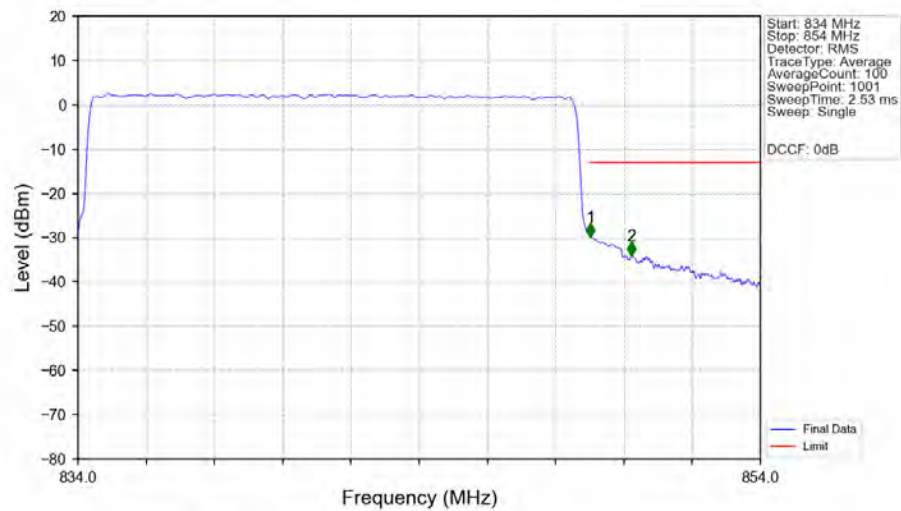


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	814.700	-64.38	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	882.100	-55.04	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_841.5MHz_Edge_1RB_Right_Ant1

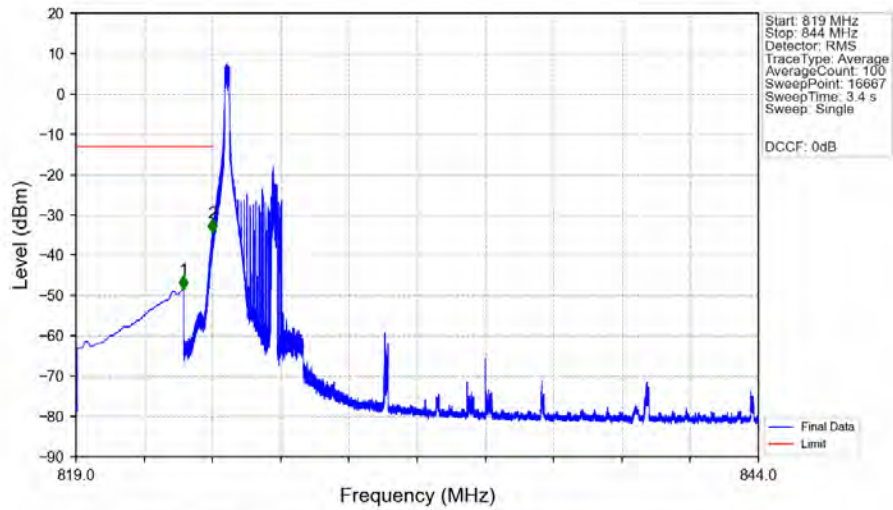


n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_841.5MHz_Outer_Full_Ant1



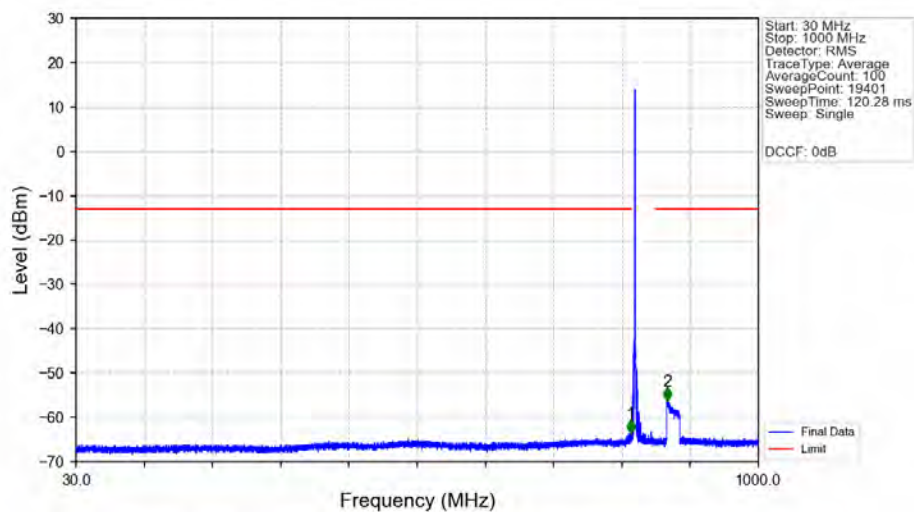
5.2.3 15_S_20M_NTNV

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_834MHz_Edge_1RB_Left_Ant1



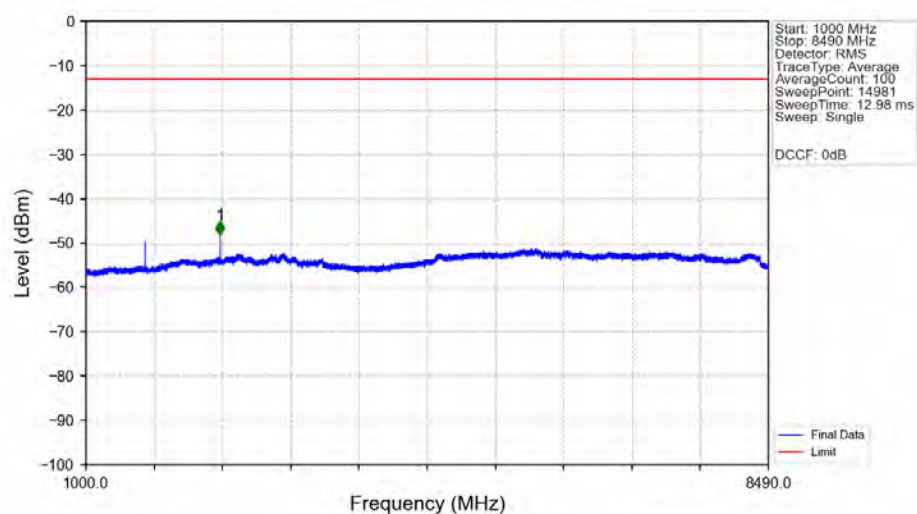
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.936	-48.37	-13	Pass
823	824	0.003	/	2	823.994	-34.38	-13	Pass
824	844	0.003	/	/	/	/	/	/

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_834MHz_Edge_1RB_Left_Ant1



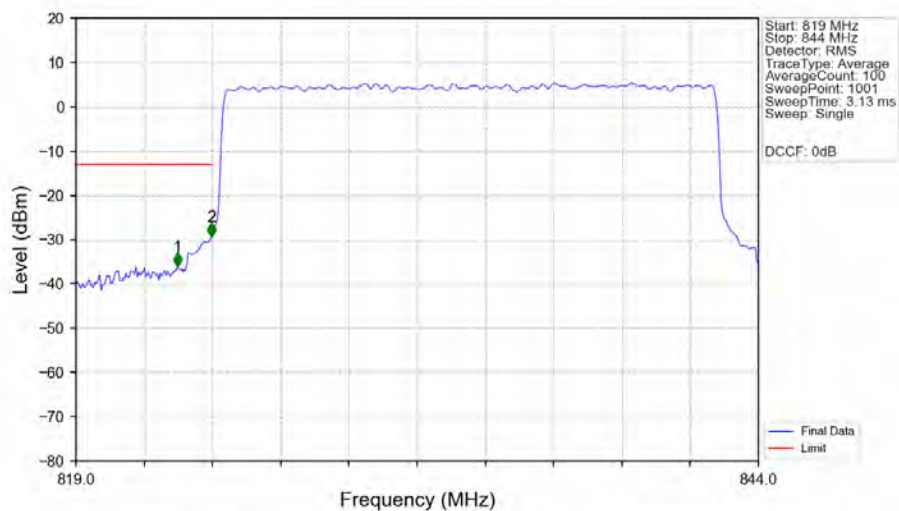
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.300	-63.50	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	870.500	-56.25	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_834MHz_Edge_1RB_Left_Ant1



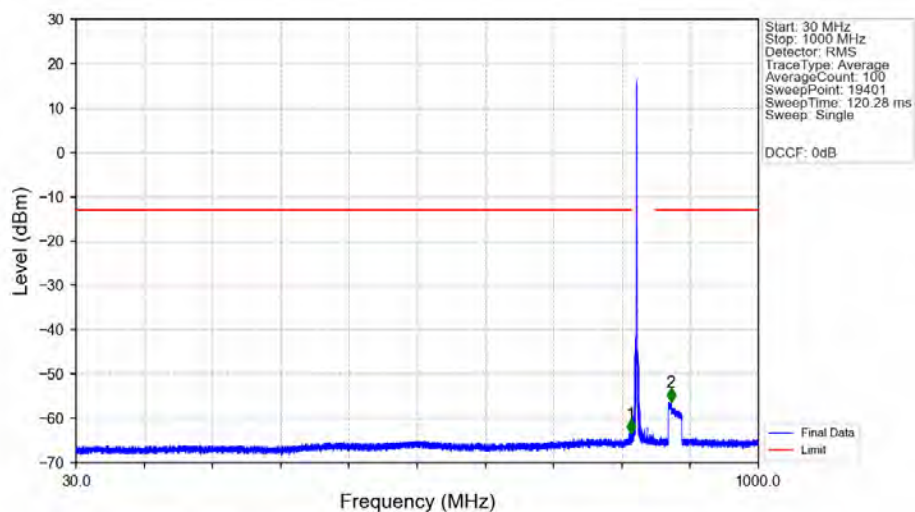
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	2474.000	-48.27	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_834MHz_Outer_Full_Ant1



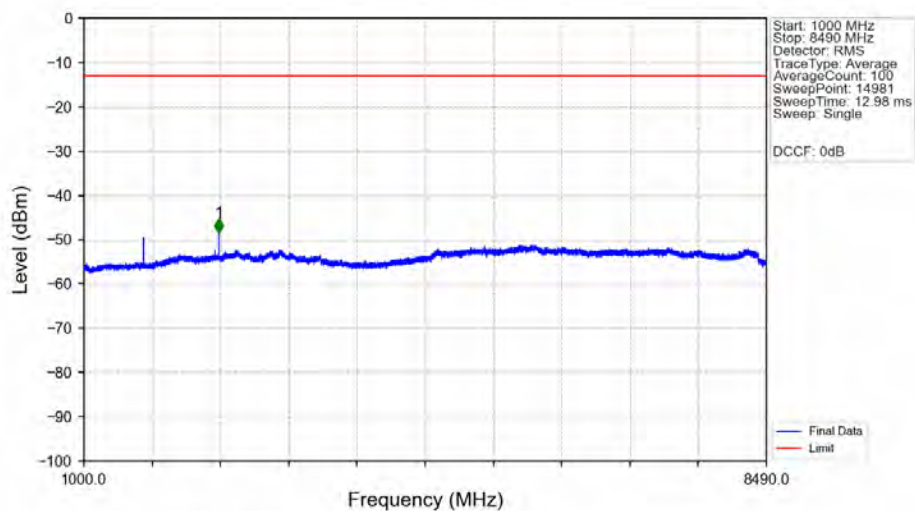
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	/	1	822.725	-36.00	-13	Pass
823	824	0.19614	CHP	2	823.975	-29.29	-13	Pass
824	844	0.19614	CHP	/	/	/	/	/

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_836.5MHz_Edge_1RB_Left_Ant1



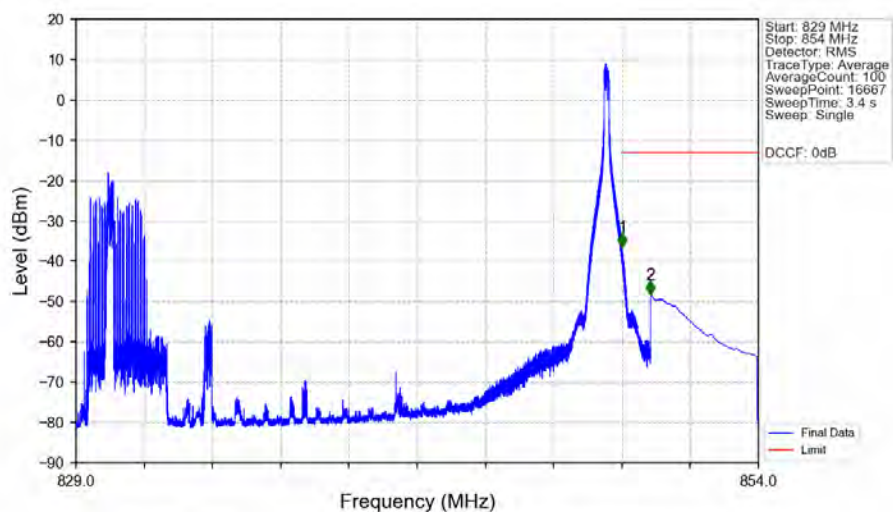
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.850	-63.36	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	875.800	-56.28	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_836.5MHz_Edge_1RB_Left_Ant1



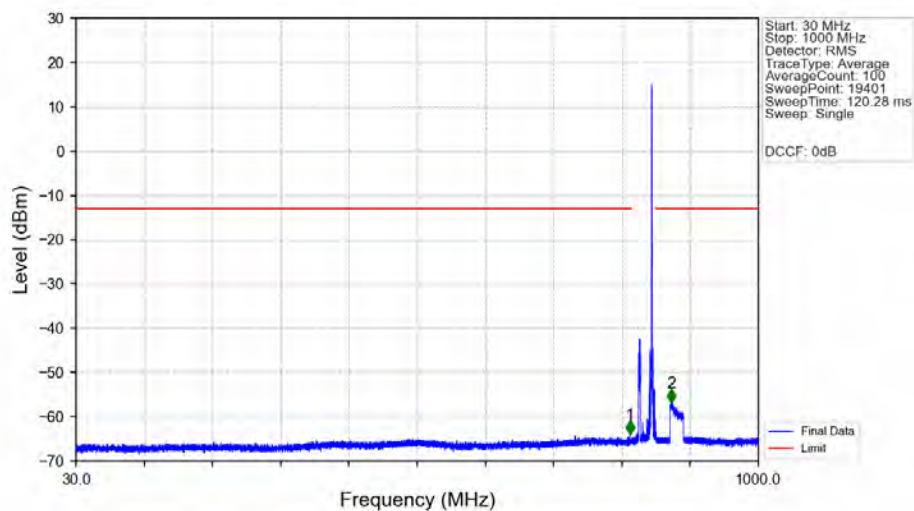
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	2481.000	-48.42	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_839MHz_Edge_1RB_Right_Ant1



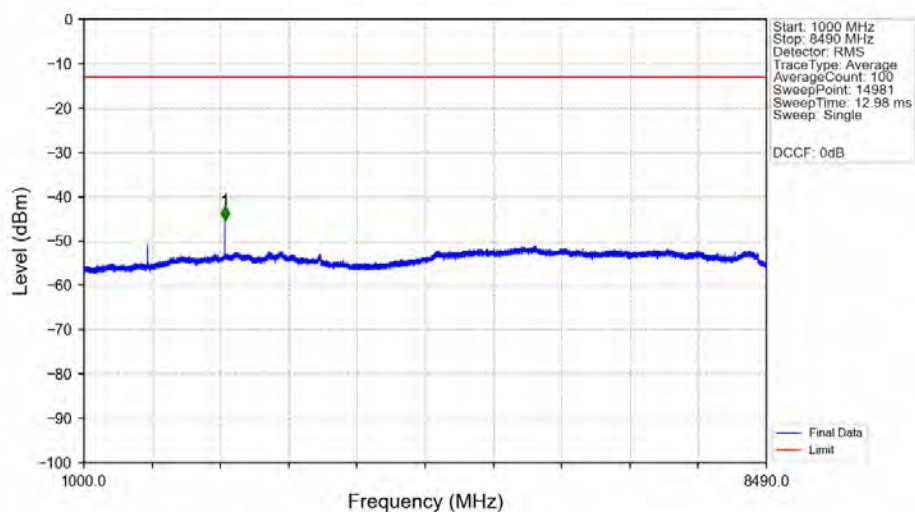
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
829	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.008	-36.39	-13	Pass
850	854	0.1	CHP	2	850.052	-48.18	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_839MHz_Edge_1RB_Right_Ant1



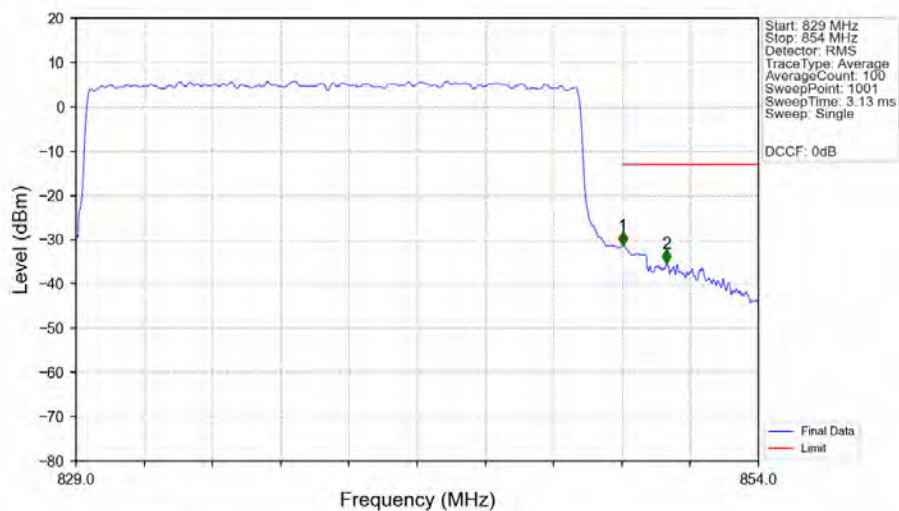
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	817.250	-64.02	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	876.600	-56.78	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_839MHz_Edge_1RB_Right_Ant1



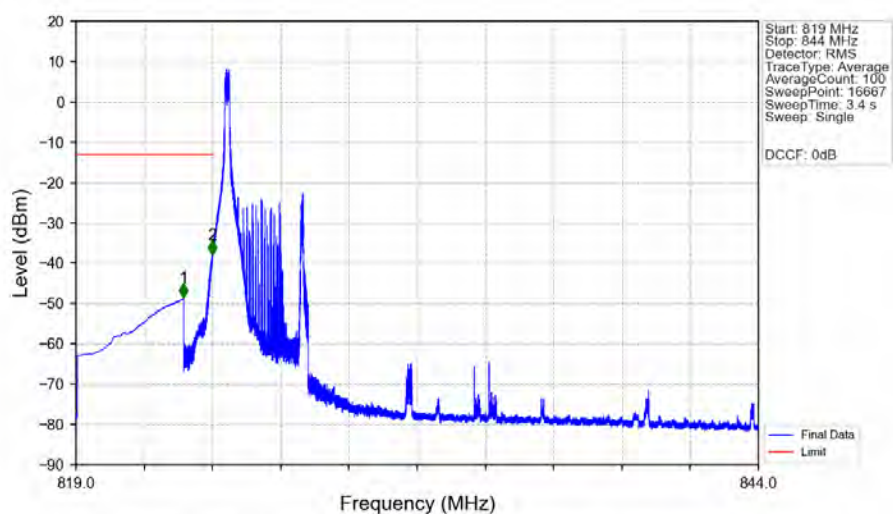
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	2545.500	-45.33	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_839MHz_Outer_Full_Ant1



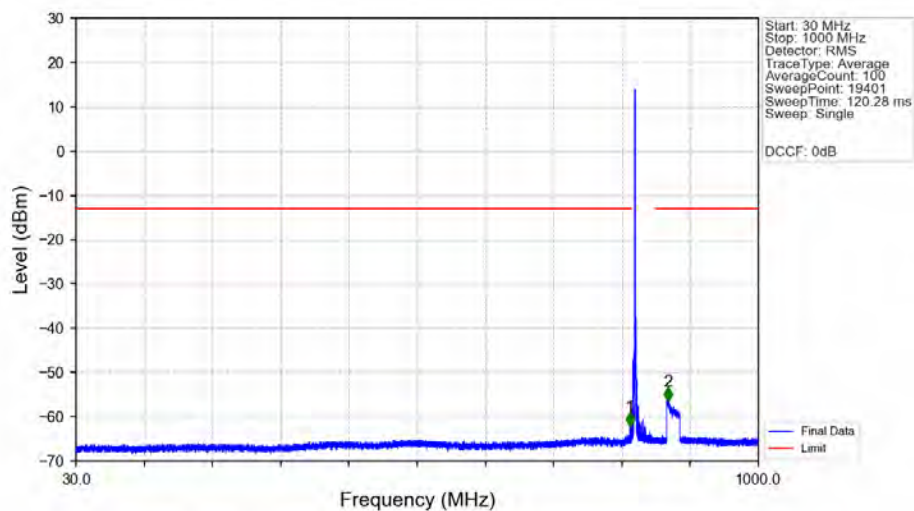
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
829	849	0.19614	CHP	/	/	/	/	/
849	850	0.19614	CHP	1	849.025	-31.35	-13	Pass
850	854	0.1	/	2	850.625	-35.37	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_834MHz_Edge_1RB_Left_Ant1



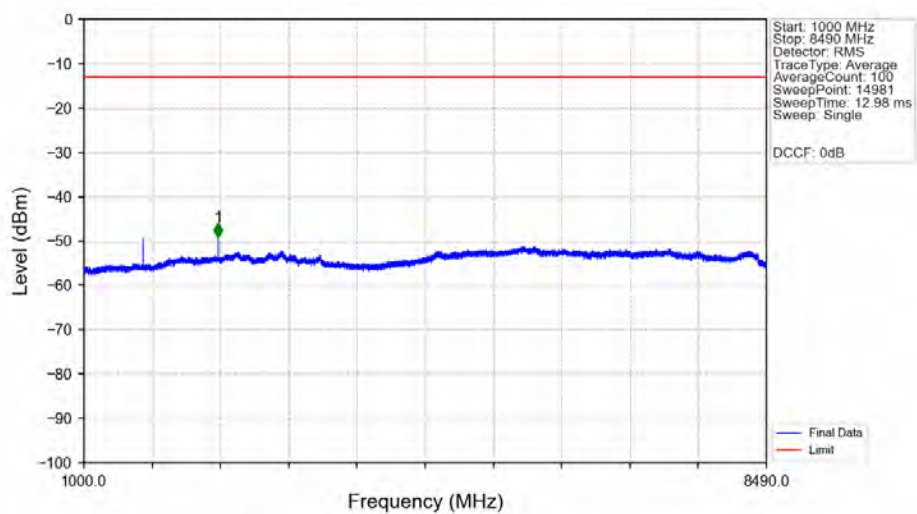
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.939	-48.53	-13	Pass
823	824	0.003	/	2	823.991	-37.94	-13	Pass
824	844	0.003	/	/	/	/	/	/

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_834MHz_Edge_1RB_Left_Ant1



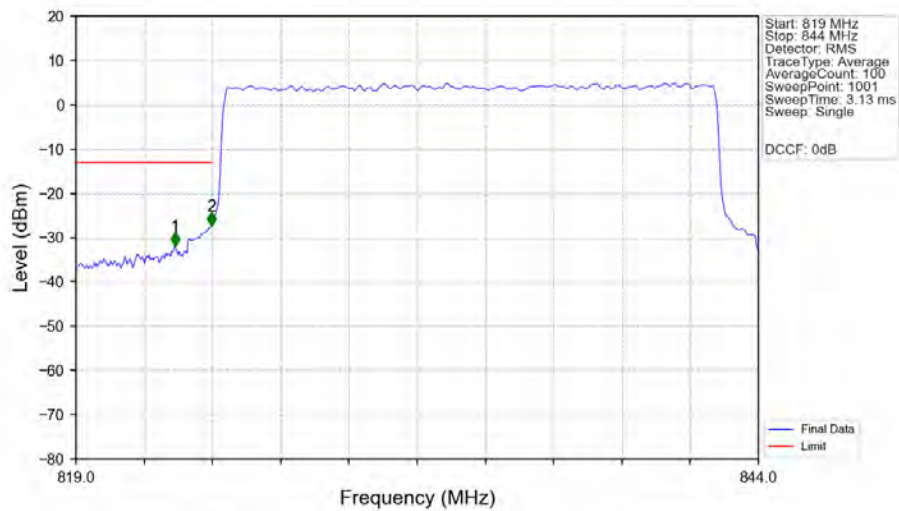
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	817.550	-62.16	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	871.950	-56.46	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_834MHz_Edge_1RB_Left_Ant1



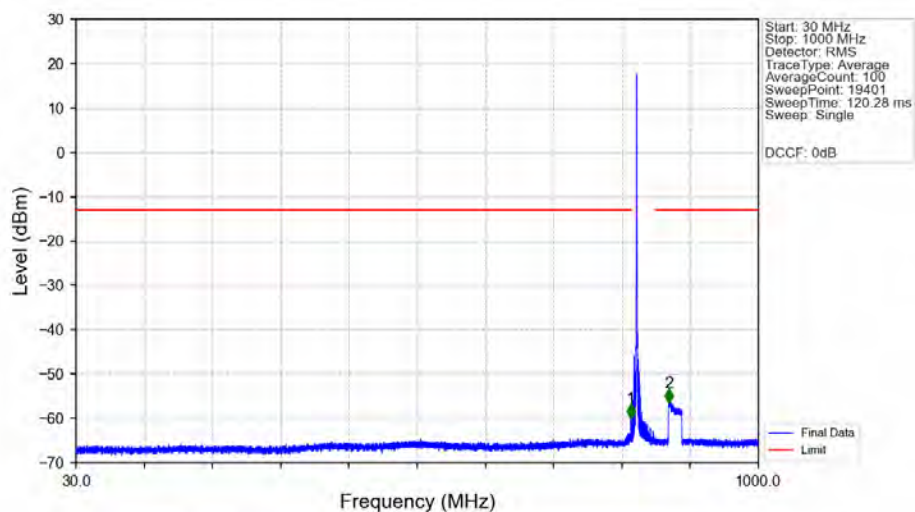
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	2473.500	-49.08	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_834MHz_Outer_Full_Ant1

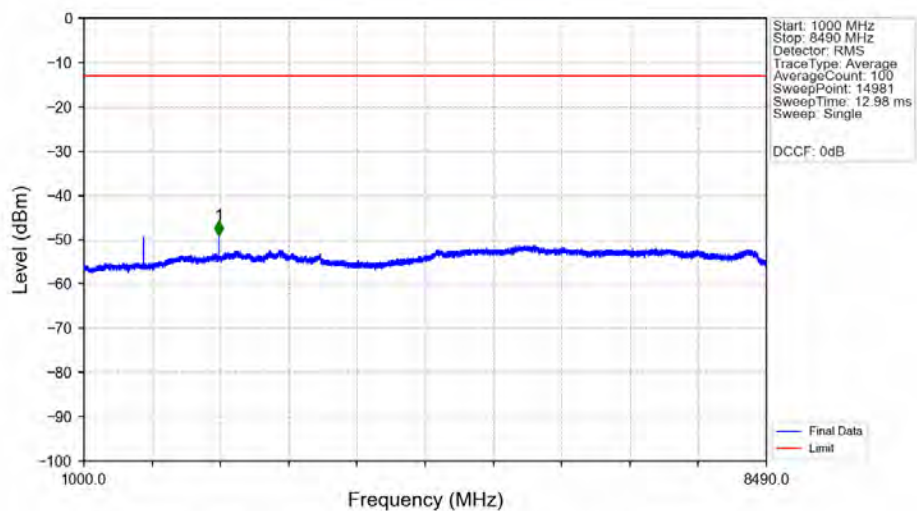


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	/	1	822.625	-31.88	-13	Pass
823	824	0.19614	CHP	2	823.975	-27.28	-13	Pass
824	844	0.19614	CHP	/	/	/	/	/

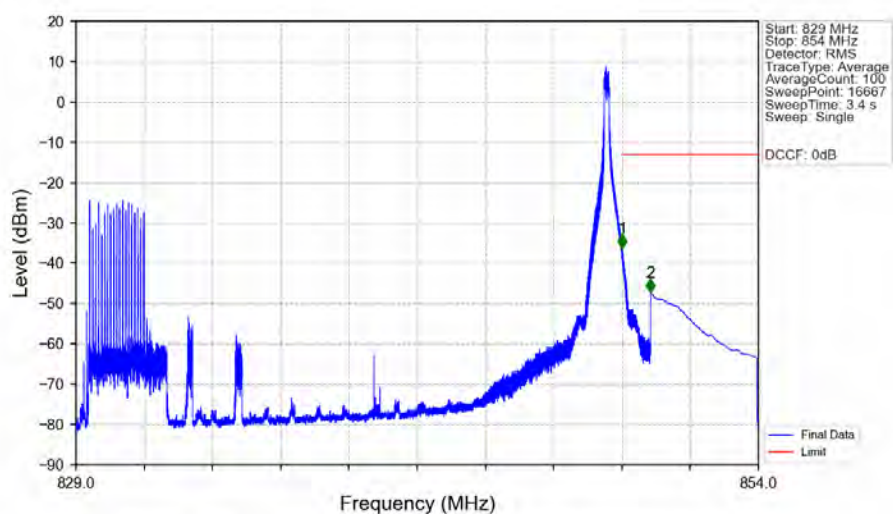
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant1



n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant1

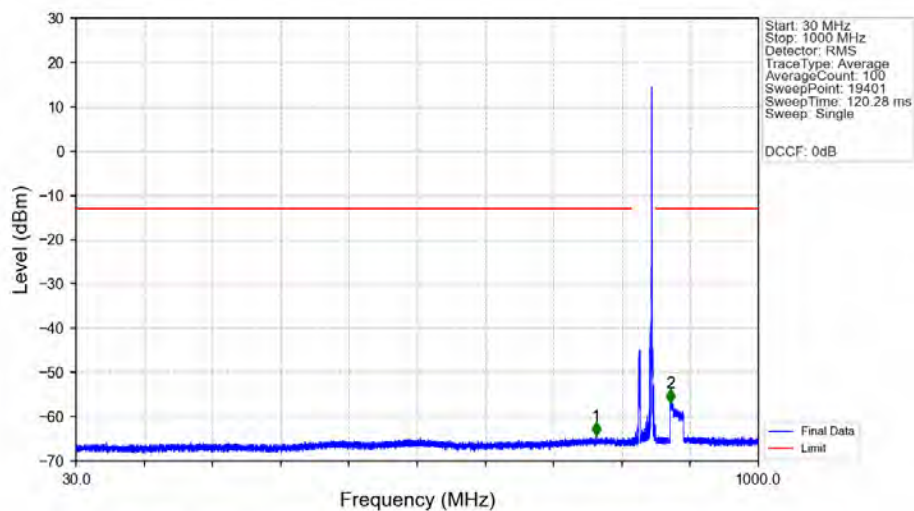


n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_839MHz_Edge_1RB_Right_Ant1



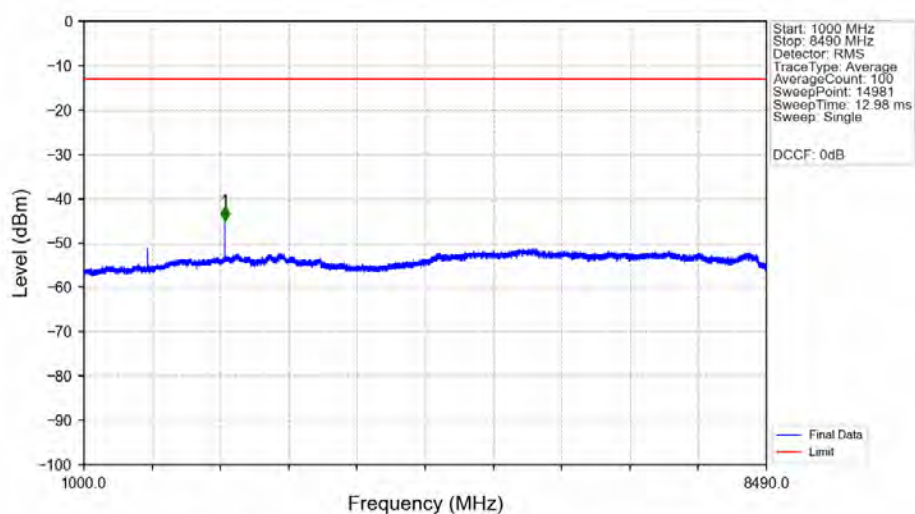
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
829	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.009	-36.15	-13	Pass
850	854	0.1	CHP	2	850.055	-47.18	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_839MHz_Edge_1RB_Right_Ant1



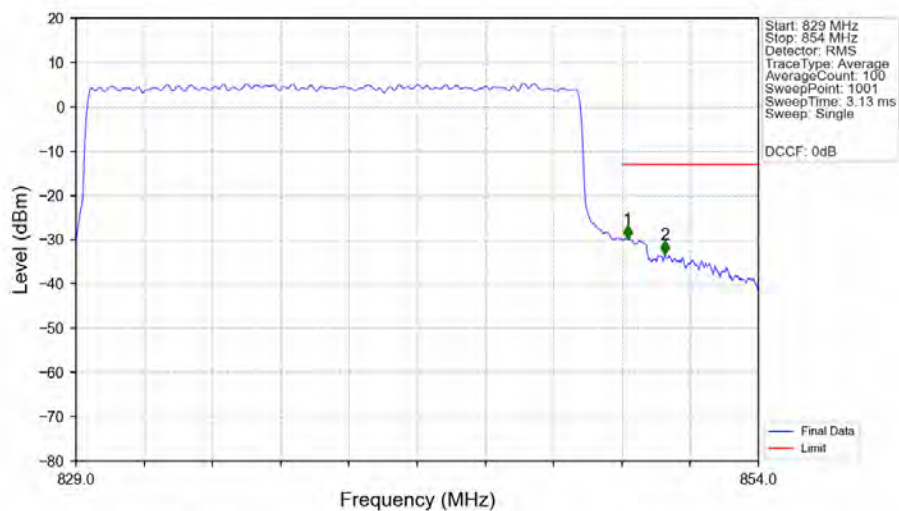
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	769.250	-64.29	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	875.100	-56.85	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_839MHz_Edge_1RB_Right_Ant1



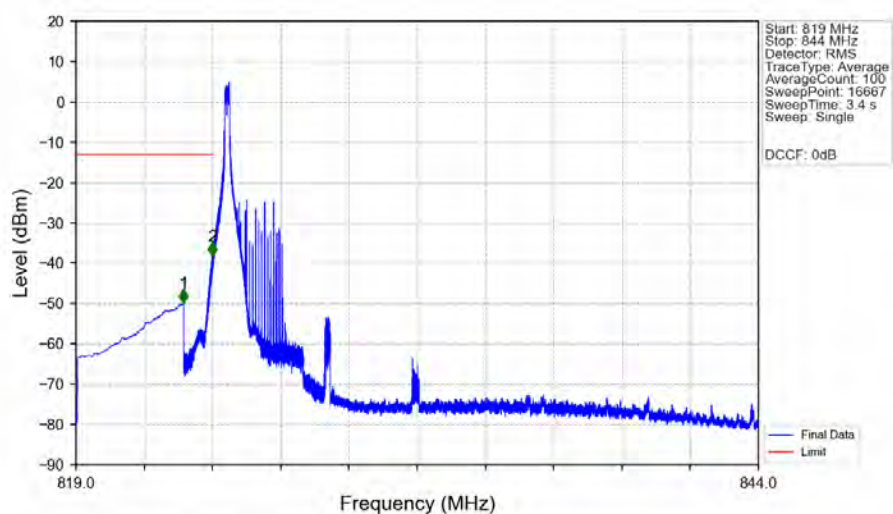
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	2545.500	-44.92	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_839MHz_Outer_Full_Ant1



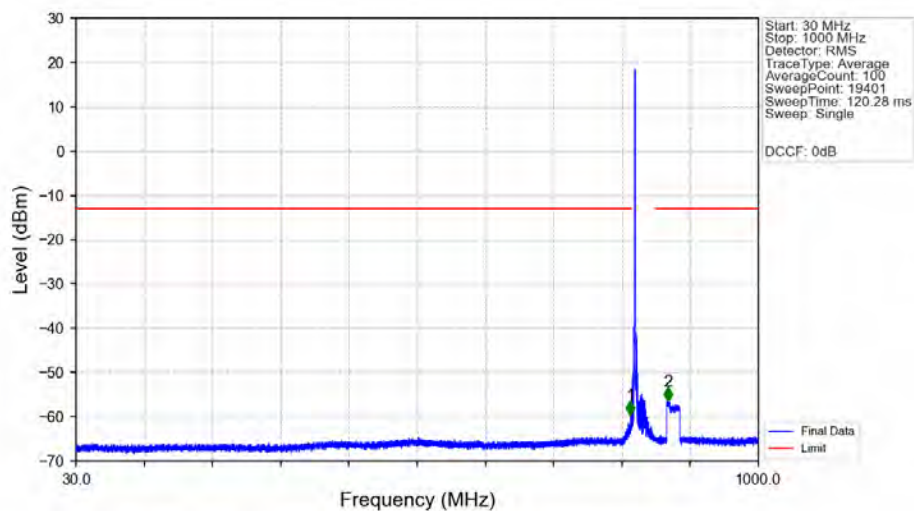
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
829	849	0.19614	CHP	/	/	/	/	/
849	850	0.19614	CHP	1	849.200	-29.84	-13	Pass
850	854	0.1	/	2	850.575	-33.37	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_834MHz_Edge_1RB_Left_Ant1



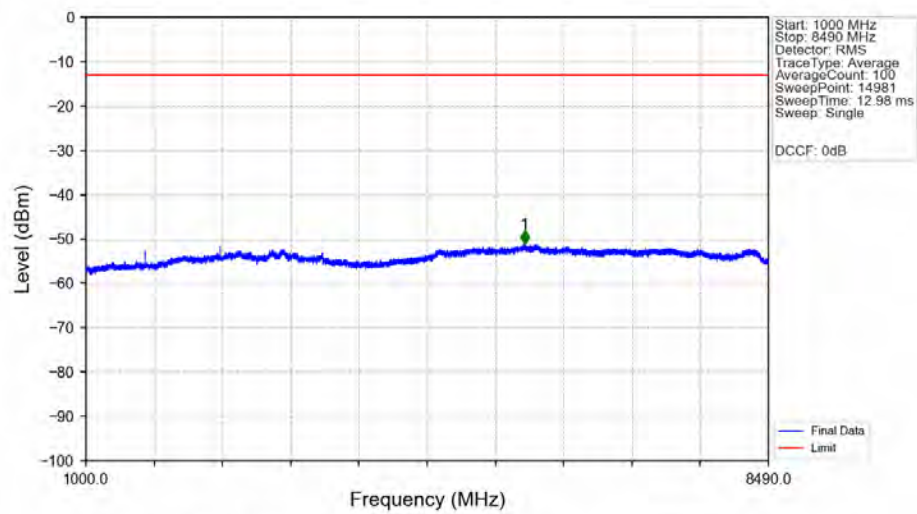
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.936	-49.89	-13	Pass
823	824	0.003	/	2	823.992	-38.31	-13	Pass
824	844	0.003	/	/	/	/	/	/

n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_834MHz_Edge_1RB_Left_Ant1

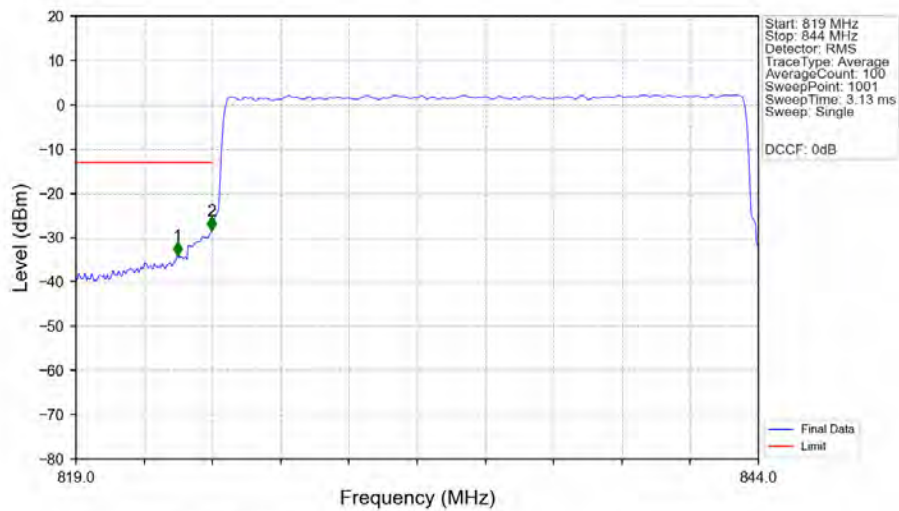


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.200	-59.56	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	871.650	-56.39	-13	Pass

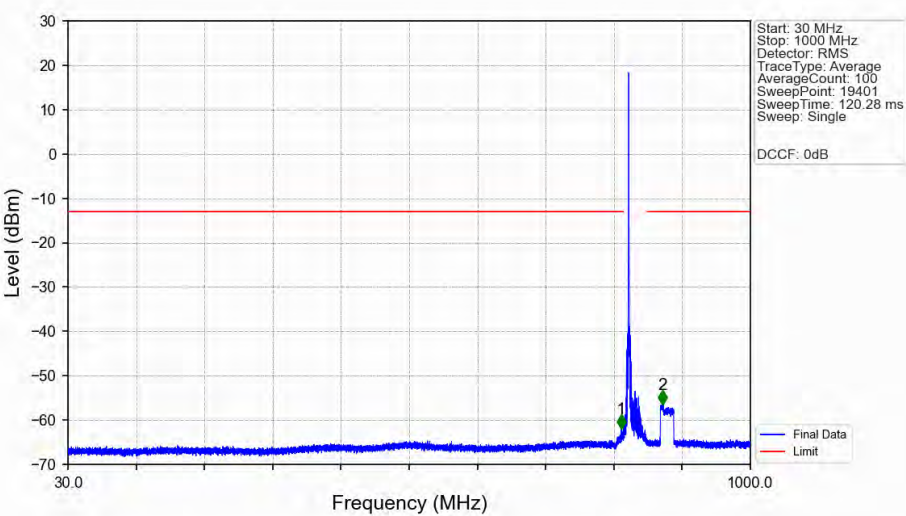
n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_834MHz_Edge_1RB_Left_Ant1



n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_834MHz_Outer_Full_Ant1

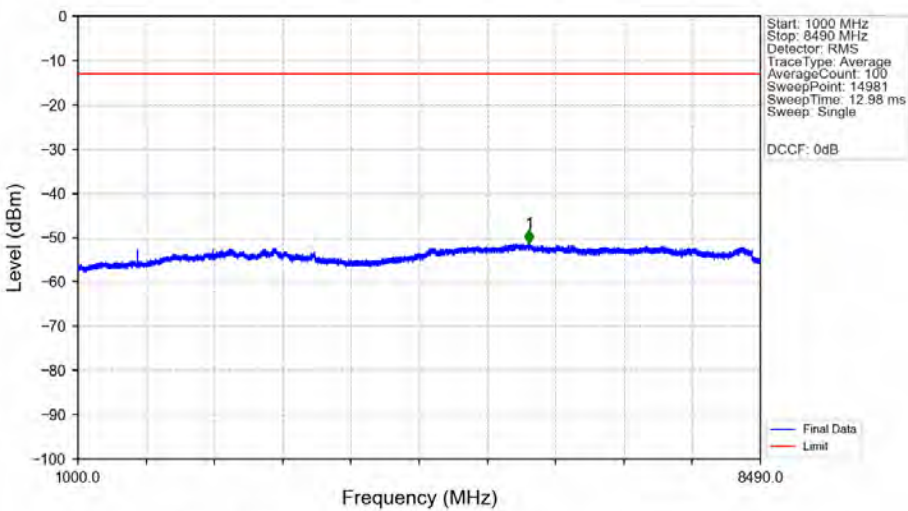


n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant1



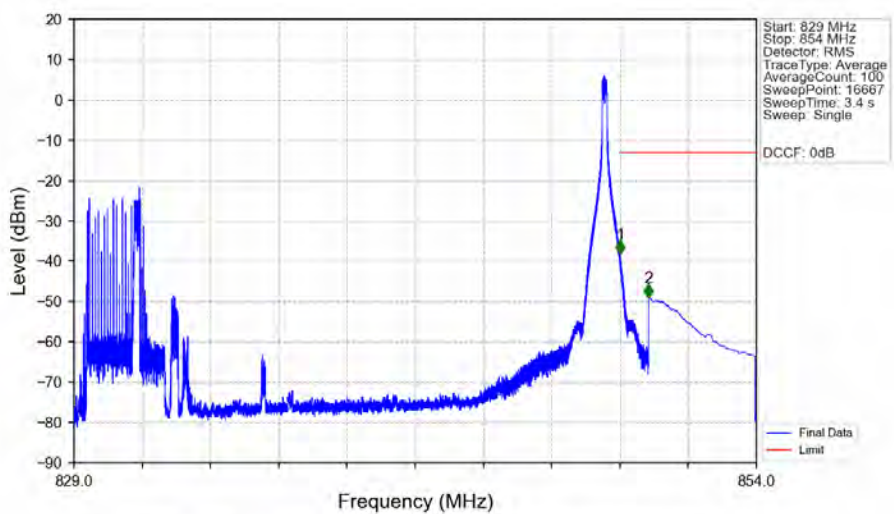
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	816.450	-61.96	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	874.850	-56.43	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant1

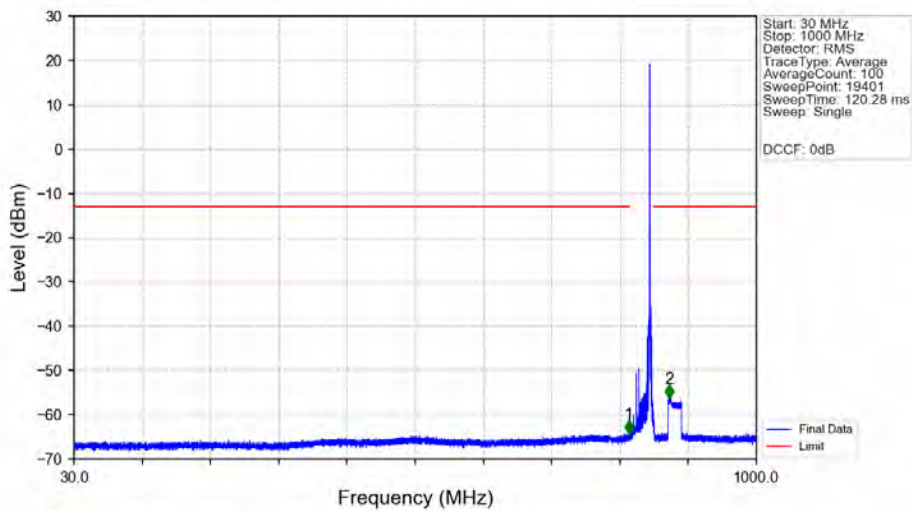


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	5952.500	-51.24	-13	Pass

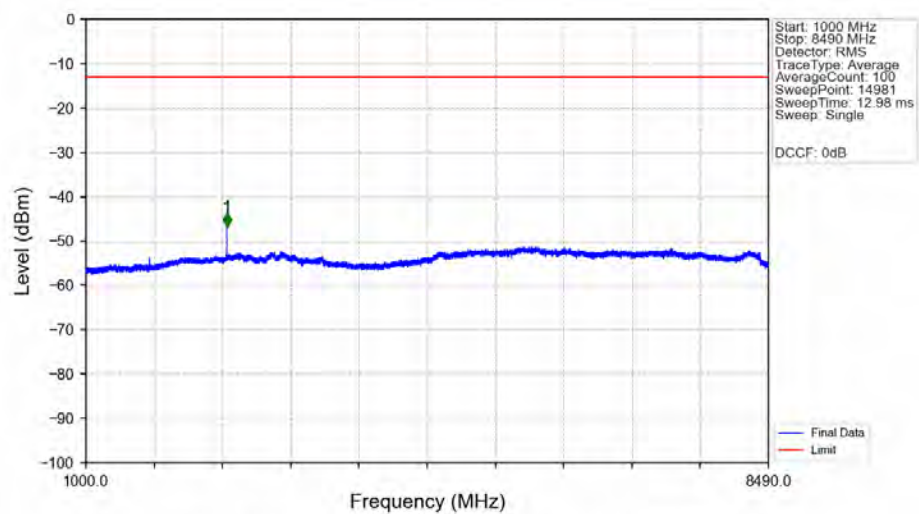
n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_839MHz_Edge_1RB_Right_Ant1



n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_839MHz_Edge_1RB_Right_Ant1

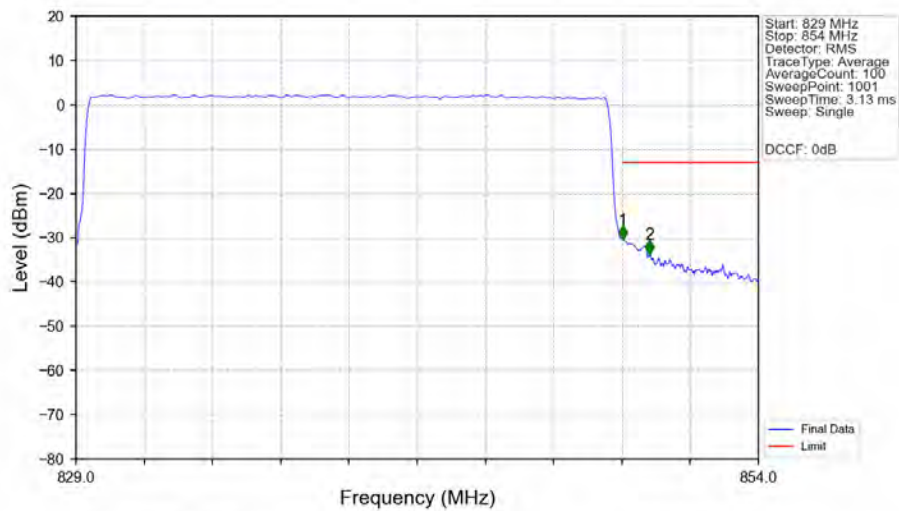


n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_839MHz_Edge_1RB_Right_Ant1



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	2545.500	-46.79	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_839MHz_Outer_Full_Ant1



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
829	849	0.19614	CHP	/	/	/	/	/
849	850	0.19614	CHP	1	849.025	-30.40	-13	Pass
850	854	0.1	/	2	850.025	-33.71	-13	Pass