APPENDIX A – TEST DATA OF CONDUCTED EMISSION

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 CA_5B_NTNV_ERP

Band: CA_5B / NTNV										
BW (MHz)	Modulation	Frequency (MHz)	RB Allocation	Conducted Power (dBm)			Gain (dBi)	EIRP (dBm)		Verdict
				CC1	CC2	Sum		Result	Limit	
CC1:3 CC2:5	CC1: QPSK CC2: QPSK	CC1:825.5 CC2:829.4	CC1: 1@0 CC2: 0@0	24.34	-33.26	24.35	0.00	22.20	<=38.45	Pass
			CC1: 8@0 CC2: 12@13	17.83	17.91	20.88	0.00	18.73	<=38.45	Pass
			CC1: 8@7 CC2: 12@0	22.85	22.84	25.86	0.00	23.71	<=38.45	Pass
			CC1: 15@0 CC2: 25@0	22.85	22.90	25.89	0.00	23.74	<=38.45	Pass
		CC1:834.1 CC2:838	CC1: 1@0 CC2: 0@0	24.70	-33.12	24.71	0.00	22.56	<=38.45	Pass
			CC1: 1@14 CC2: 1@0	22.97	23.02	26.01	0.00	23.86	<=38.45	Pass
			CC1: 8@0 CC2: 12@13	17.71	17.90	20.82	0.00	18.67	<=38.45	Pass
			CC1: 8@7 CC2: 12@0	22.79	22.83	25.82	0.00	23.67	<=38.45	Pass
			CC1: 15@0 CC2: 25@0	22.74	22.87	25.82	0.00	23.67	<=38.45	Pass
		CC1:842.6 CC2:846.5	CC1: 1@0 CC2: 0@0	24.93	-32.95	24.94	0.00	22.79	<=38.45	Pass
			CC1: 1@14 CC2: 1@0	23.05	23.02	26.05	0.00	23.90	<=38.45	Pass
			CC1: 8@0 CC2: 12@13	18.10	18.00	21.07	0.00	18.92	<=38.45	Pass
			CC1: 8@7 CC2: 12@0	23.17	23.07	26.13	0.00	23.98	<=38.45	Pass
			CC1: 15@0 CC2: 25@0	23.18	23.04	26.12	0.00	23.97	<=38.45	Pass
	CC1: 16QAM CC2: 16QAM	CC1:825.5 CC2:829.4	CC1: 1@0 CC2: 0@0	24.53	-21.68	24.54	0.00	22.39	<=38.45	Pass
			CC1: 1@14 CC2: 1@0	22.45	22.36	25.42	0.00	23.27	<=38.45	Pass
			CC1: 8@0 CC2: 12@13	17.47	17.66	20.57	0.00	18.42	<=38.45	Pass
			CC1: 8@7 CC2: 12@0	22.50	22.55	25.54	0.00	23.39	<=38.45	Pass
			CC1: 15@0 CC2: 25@0	22.47	22.59	25.55	0.00	23.40	<=38.45	Pass
		CC1:834.1 CC2:838	CC1: 1@0 CC2: 0@0	24.78	-16.23	24.79	0.00	22.64	<=38.45	Pass
			CC1: 1@14 CC2: 1@0	22.92	22.90	25.93	0.00	23.78	<=38.45	Pass
			CC1: 8@0 CC2: 12@13	18.08	18.15	21.13	0.00	18.98	<=38.45	Pass
			CC1: 8@7 CC2: 12@0	23.06	23.07	26.08	0.00	23.93	<=38.45	Pass
			CC1: 15@0 CC2: 25@0	23.01	23.10	26.07	0.00	23.92	<=38.45	Pass
		CC1:842.6 CC2:846.5	CC1: 1@0 CC2: 0@0	24.82	-25.53	24.83	0.00	22.68	<=38.45	Pass
			CC1: 1@14 CC2: 1@0	22.20	22.17	25.20	0.00	23.05	<=38.45	Pass

			CC1: 8@0 CC2: 12@13	17.74	17.71	20.74	0.00	18.59	<=38.45	Pass
			CC1: 8@7 CC2: 12@0	22.30	22.18	25.26	0.00	23.11	<=38.45	Pass
			CC1: 15@0 CC2: 25@0	22.18	22.08	25.14	0.00	22.99	<=38.45	Pass
CC1:5 CC2:3	CC1: QPSK CC2: QPSK	CC1:826.5 CC2:830.4	CC1: 1@0 CC2: 0@0	24.43	-26.13	24.43	0.00	22.28	<=38.45	Pass
			CC1: 1@24 CC2: 1@0	22.32	22.33	25.32	0.00	23.17	<=38.45	Pass
			CC1: 12@0 CC2: 8@7	17.33	17.50	20.42	0.00	18.27	<=38.45	Pass
			CC1: 12@13 CC2: 8@0	22.35	22.44	25.40	0.00	23.25	<=38.45	Pass
			CC1: 25@0 CC2: 15@0	22.35	22.47	25.42	0.00	23.27	<=38.45	Pass
		CC1:835.1 CC2:839	CC1: 1@0 CC2: 0@0	24.64	-25.89	24.64	0.00	22.49	<=38.45	Pass
			CC1: 1@24 CC2: 1@0	22.65	22.64	25.64	0.00	23.49	<=38.45	Pass
			CC1: 12@0 CC2: 8@7	17.63	17.75	20.70	0.00	18.55	<=38.45	Pass
			CC1: 12@13 CC2: 8@0	22.66	22.70	25.69	0.00	23.54	<=38.45	Pass
			CC1: 25@0 CC2: 15@0	22.61	22.70	25.67	0.00	23.52	<=38.45	Pass
		CC1:843.6 CC2:847.5	CC1: 1@0 CC2: 0@0	24.85	-26.45	24.85	0.00	22.70	<=38.45	Pass
			CC1: 1@24 CC2: 1@0	22.66	22.63	25.64	0.00	23.49	<=38.45	Pass
			CC1: 12@0 CC2: 8@7	17.73	17.69	20.72	0.00	18.57	<=38.45	Pass
			CC1: 12@13 CC2: 8@0	22.75	22.66	25.71	0.00	23.56	<=38.45	Pass
			CC1: 25@0 CC2: 15@0	22.70	22.66	25.69	0.00	23.54	<=38.45	Pass
	CC1: 16QAM CC2: 16QAM	CC1:826.5 CC2:830.4	CC1: 1@0 CC2: 0@0	24.43	-26.11	24.43	0.00	22.28	<=38.45	Pass
			CC1: 1@24 CC2: 1@0	22.26	22.29	25.27	0.00	23.12	<=38.45	Pass
			CC1: 12@0 CC2: 8@7	17.37	17.55	20.47	0.00	18.32	<=38.45	Pass
			CC1: 12@13 CC2: 8@0	22.37	22.44	25.42	0.00	23.27	<=38.45	Pass
			CC1: 25@0 CC2: 15@0	22.35	22.49	25.44	0.00	23.29	<=38.45	Pass
		CC1:835.1 CC2:839	CC1: 1@0 CC2: 0@0	24.63	-25.79	24.63	0.00	22.48	<=38.45	Pass
			CC1: 1@24 CC2: 1@0	22.44	22.46	25.44	0.00	23.29	<=38.45	Pass
			CC1: 12@0 CC2: 8@7	17.59	17.73	20.67	0.00	18.52	<=38.45	Pass
			CC1: 12@13 CC2: 8@0	22.54	22.58	25.57	0.00	23.42	<=38.45	Pass
			CC1: 25@0 CC2: 15@0	22.51	22.60	25.57	0.00	23.42	<=38.45	Pass
		CC1:843.6 CC2:847.5	CC1: 1@0 CC2: 0@0	24.84	-26.52	24.85	0.00	22.70	<=38.45	Pass
			CC1: 1@24 CC2: 1@0	21.72	21.73	24.72	0.00	22.57	<=38.45	Pass
			CC1: 12@0 CC2: 8@7	17.76	17.69	20.73	0.00	18.58	<=38.45	Pass
			CC1: 12@13 CC2: 8@0	21.76	21.72	24.75	0.00	22.60	<=38.45	Pass

			CC1: 25@0 CC2: 15@0	21.83	21.75	24.80	0.00	22.65	<=38.45	Pass
CC1:5 CC2:10	CC1: QPSK CC2: QPSK	CC1:826.5 CC2:833.7	CC1: 1@0 CC2: 0@0	24.36	-24.55	24.36	0.00	22.21	<=38.45	Pass
			CC1: 1@24 CC2: 1@0	22.25	22.20	25.24	0.00	23.09	<=38.45	Pass
			CC1: 12@0 CC2: 25@25	17.22	17.59	20.42	0.00	18.27	<=38.45	Pass
			CC1: 12@13 CC2: 25@0	20.29	20.34	23.33	0.00	21.18	<=38.45	Pass
			CC1: 25@0 CC2: 50@0	20.30	20.44	23.38	0.00	21.23	<=38.45	Pass
		CC1:831.7 CC2:838.9	CC1: 1@0 CC2: 0@0	24.39	-24.75	24.39	0.00	22.24	<=38.45	Pass
			CC1: 1@24 CC2: 1@0	22.40	22.40	25.41	0.00	23.26	<=38.45	Pass
			CC1: 12@0 CC2: 25@25	17.34	17.62	20.49	0.00	18.34	<=38.45	Pass
			CC1: 12@13 CC2: 25@0	20.42	20.47	23.46	0.00	21.31	<=38.45	Pass
			CC1: 25@0 CC2: 50@0	20.40	20.58	23.50	0.00	21.35	<=38.45	Pass
		CC1:836.8 CC2:844	CC1: 1@0 CC2: 0@0	24.62	-25.02	24.62	0.00	22.47	<=38.45	Pass
			CC1: 1@24 CC2: 1@0	22.52	22.51	25.53	0.00	23.38	<=38.45	Pass
			CC1: 12@0 CC2: 25@25	17.53	17.65	20.60	0.00	18.45	<=38.45	Pass
			CC1: 12@13 CC2: 25@0	20.60	20.53	23.58	0.00	21.43	<=38.45	Pass
			CC1: 25@0 CC2: 50@0	20.55	20.63	23.60	0.00	21.45	<=38.45	Pass
	CC1: 16QAM CC2: 16QAM	CC1:826.5 CC2:833.7	CC1: 1@0 CC2: 0@0	23.37	-24.77	23.38	0.00	21.23	<=38.45	Pass
			CC1: 1@24 CC2: 1@0	21.28	21.27	24.29	0.00	22.14	<=38.45	Pass
			CC1: 12@0 CC2: 25@25	17.23	17.62	20.44	0.00	18.29	<=38.45	Pass
			CC1: 12@13 CC2: 25@0	19.30	19.33	22.32	0.00	20.17	<=38.45	Pass
			CC1: 25@0 CC2: 50@0	19.28	19.46	22.38	0.00	20.23	<=38.45	Pass
		CC1:831.7 CC2:838.9	CC1: 1@0 CC2: 0@0	23.49	-24.97	23.50	0.00	21.35	<=38.45	Pass
			CC1: 1@24 CC2: 1@0	21.45	21.38	24.43	0.00	22.28	<=38.45	Pass
			CC1: 12@0 CC2: 25@25	17.36	17.65	20.52	0.00	18.37	<=38.45	Pass
			CC1: 12@13 CC2: 25@0	19.43	19.50	22.48	0.00	20.33	<=38.45	Pass
			CC1: 25@0 CC2: 50@0	19.38	19.52	22.47	0.00	20.32	<=38.45	Pass
		CC1:836.8 CC2:844	CC1: 1@0 CC2: 0@0	23.64	-25.35	23.65	0.00	21.50	<=38.45	Pass
			CC1: 1@24 CC2: 1@0	21.59	21.60	24.61	0.00	22.46	<=38.45	Pass
			CC1: 12@0 CC2: 25@25	17.54	17.71	20.64	0.00	18.49	<=38.45	Pass
			CC1: 12@13 CC2: 25@0	19.63	19.58	22.62	0.00	20.47	<=38.45	Pass
			CC1: 25@0 CC2: 50@0	19.61	19.67	22.65	0.00	20.50	<=38.45	Pass
CC1:10 CC2:5	CC1: QPSK	CC1:829 CC2:836.2	CC1: 1@0 CC2: 0@0	24.28	-33.48	24.28	0.00	22.13	<=38.45	Pass

	CC2: QPSK		CC1: 1@49 CC2: 1@0	22.29	22.33	25.32	0.00	23.17	<=38.45	Pass
			CC1: 25@0 CC2: 12@13	17.24	17.62	20.45	0.00	18.30	<=38.45	Pass
			CC1: 25@25 CC2: 12@0	20.31	20.51	23.42	0.00	21.27	<=38.45	Pass
			CC1: 50@0 CC2: 25@0	20.33	20.60	23.48	0.00	21.33	<=38.45	Pass
		CC1:834.2 CC2:841.4	CC1: 1@0 CC2: 0@0	24.38	-33.38	24.39	0.00	22.24	<=38.45	Pass
			CC1: 1@49 CC2: 1@0	22.45	22.45	25.46	0.00	23.31	<=38.45	Pass
			CC1: 25@0 CC2: 12@13	17.42	17.66	20.56	0.00	18.41	<=38.45	Pass
			CC1: 25@25 CC2: 12@0	20.45	20.59	23.53	0.00	21.38	<=38.45	Pass
			CC1: 50@0 CC2: 25@0	20.46	20.65	23.57	0.00	21.42	<=38.45	Pass
		CC1:839.3 CC2:846.5	CC1: 1@0 CC2: 0@0	24.56	-33.37	24.57	0.00	22.42	<=38.45	Pass
			CC1: 1@49 CC2: 1@0	22.53	22.52	25.54	0.00	23.39	<=38.45	Pass
			CC1: 25@0 CC2: 12@13	17.55	17.64	20.61	0.00	18.46	<=38.45	Pass
			CC1: 25@25 CC2: 12@0	20.55	20.65	23.61	0.00	21.46	<=38.45	Pass
			CC1: 50@0 CC2: 25@0	20.58	20.67	23.64	0.00	21.49	<=38.45	Pass
	CC1: 16QAM CC2: 16QAM	CC1:829 CC2:836.2	CC1: 1@0 CC2: 0@0	23.29	-33.39	23.30	0.00	21.15	<=38.45	Pass
			CC1: 1@49 CC2: 1@0	21.33	21.28	24.32	0.00	22.17	<=38.45	Pass
			CC1: 25@0 CC2: 12@13	17.30	17.62	20.47	0.00	18.32	<=38.45	Pass
			CC1: 25@25 CC2: 12@0	19.34	19.51	22.44	0.00	20.29	<=38.45	Pass
			CC1: 50@0 CC2: 25@0	19.27	19.58	22.44	0.00	20.29	<=38.45	Pass
		CC1:834.2 CC2:841.4	CC1: 1@0 CC2: 0@0	23.37	-33.41	23.37	0.00	21.22	<=38.45	Pass
			CC1: 1@49 CC2: 1@0	21.46	21.42	24.46	0.00	22.31	<=38.45	Pass
			CC1: 25@0 CC2: 12@13	17.43	17.69	20.57	0.00	18.42	<=38.45	Pass
			CC1: 25@25 CC2: 12@0	19.48	19.63	22.56	0.00	20.41	<=38.45	Pass
			CC1: 50@0 CC2: 25@0	19.46	19.66	22.58	0.00	20.43	<=38.45	Pass
		CC1:839.3 CC2:846.5	CC1: 1@0 CC2: 0@0	23.52	-33.40	23.53	0.00	21.38	<=38.45	Pass
			CC1: 1@49 CC2: 1@0	21.52	21.48	24.52	0.00	22.37	<=38.45	Pass
			CC1: 25@0 CC2: 12@13	17.59	17.64	20.63	0.00	18.48	<=38.45	Pass
			CC1: 25@25 CC2: 12@0	19.57	19.67	22.63	0.00	20.48	<=38.45	Pass
			CC1: 50@0 CC2: 25@0	19.59	19.67	22.64	0.00	20.49	<=38.45	Pass
CC1:10 CC2:10	CC1: QPSK CC2: QPSK	CC1:829 CC2:838.9	CC1: 1@0 CC2: 0@0	24.24	-30.35	24.24	0.00	22.09	<=38.45	Pass
			CC1: 1@49 CC2: 1@0	22.31	22.35	25.35	0.00	23.20	<=38.45	Pass
			CC1: 25@0 CC2: 25@25	17.27	17.67	20.49	0.00	18.34	<=38.45	Pass

			CC1: 25@25 CC2: 25@0	21.39	21.56	24.49	0.00	22.34	<=38.45	Pass
			CC1: 50@0 CC2: 50@0	20.33	20.64	23.50	0.00	21.35	<=38.45	Pass
		CC1:831.6 CC2:841.5	CC1: 1@0 CC2: 0@0	24.33	-30.38	24.33	0.00	22.18	<=38.45	Pass
			CC1: 1@49 CC2: 1@0	22.45	22.42	25.45	0.00	23.30	<=38.45	Pass
			CC1: 25@0 CC2: 25@25	17.35	17.69	20.53	0.00	18.38	<=38.45	Pass
			CC1: 25@25 CC2: 25@0	21.50	21.61	24.56	0.00	22.41	<=38.45	Pass
			CC1: 50@0 CC2: 50@0	20.44	20.67	23.57	0.00	21.42	<=38.45	Pass
		CC1:834.1 CC2:844	CC1: 1@0 CC2: 0@0	24.59	-30.40	24.60	0.00	22.45	<=38.45	Pass
			CC1: 1@49 CC2: 1@0	22.81	22.78	25.81	0.00	23.66	<=38.45	Pass
			CC1: 25@0 CC2: 25@25	17.87	17.96	20.93	0.00	18.78	<=38.45	Pass
			CC1: 25@25 CC2: 25@0	21.97	21.95	24.97	0.00	22.82	<=38.45	Pass
			CC1: 50@0 CC2: 50@0	20.93	20.99	23.97	0.00	21.82	<=38.45	Pass
	CC1: 16QAM CC2: 16QAM	CC1:829 CC2:838.9	CC1: 1@0 CC2: 0@0	23.35	-30.42	23.36	0.00	21.21	<=38.45	Pass
			CC1: 1@49 CC2: 1@0	21.31	21.36	24.35	0.00	22.20	<=38.45	Pass
			CC1: 25@0 CC2: 25@25	17.27	17.72	20.51	0.00	18.36	<=38.45	Pass
			CC1: 25@25 CC2: 25@0	20.39	20.57	23.49	0.00	21.34	<=38.45	Pass
			CC1: 50@0 CC2: 50@0	19.35	19.60	22.49	0.00	20.34	<=38.45	Pass
		CC1:831.6 CC2:841.5	CC1: 1@0 CC2: 0@0	23.32	-30.33	23.33	0.00	21.18	<=38.45	Pass
			CC1: 1@49 CC2: 1@0	21.38	21.38	24.40	0.00	22.25	<=38.45	Pass
			CC1: 25@0 CC2: 25@25	17.33	17.69	20.52	0.00	18.37	<=38.45	Pass
			CC1: 25@25 CC2: 25@0	20.44	20.58	23.52	0.00	21.37	<=38.45	Pass
			CC1: 50@0 CC2: 50@0	19.36	19.61	22.50	0.00	20.35	<=38.45	Pass
		CC1:834.1 CC2:844	CC1: 1@0 CC2: 0@0	24.35	-30.41	24.35	0.00	22.20	<=38.45	Pass
			CC1: 1@49 CC2: 1@0	21.88	21.80	24.85	0.00	22.70	<=38.45	Pass
			CC1: 25@0 CC2: 25@25	17.89	18.02	20.97	0.00	18.82	<=38.45	Pass
			CC1: 25@25 CC2: 25@0	20.99	20.96	23.99	0.00	21.84	<=38.45	Pass
			CC1: 50@0 CC2: 50@0	19.93	19.98	22.97	0.00	20.82	<=38.45	Pass
Note1: EIRP=Conducted Power+Antenna Gain-2.15										

2. 99% & 26dB Bandwidth

2.1 Test Result

2.1.1 CA_5B_NTNV_OBW

Band: CA_5B / NTNV						
BW (MHz)	Modulation	Frequency (MHz)	RB Allocation	99% Occupied Bandwidth (MHz)		Verdict
				Sum	Limit	
CC1:3 CC2:5	CC1: QPSK CC2: QPSK	CC1:825.5 CC2:829.4	CC1: 15@0 CC2: 25@0	7.56	/	Pass
		CC1:842.6 CC2:846.5	CC1: 15@0 CC2: 25@0	7.53	/	Pass
	CC1: 16QAM CC2: 16QAM	CC1:825.5 CC2:829.4	CC1: 15@0 CC2: 25@0	7.56	/	Pass
		CC1:842.6 CC2:846.5	CC1: 15@0 CC2: 25@0	7.52	/	Pass
CC1:5 CC2:3	CC1: QPSK CC2: QPSK	CC1:826.5 CC2:830.4	CC1: 25@0 CC2: 15@0	7.53	/	Pass
		CC1:843.6 CC2:847.5	CC1: 25@0 CC2: 15@0	7.55	/	Pass
	CC1: 16QAM CC2: 16QAM	CC1:826.5 CC2:830.4	CC1: 25@0 CC2: 15@0	7.54	/	Pass
		CC1:843.6 CC2:847.5	CC1: 25@0 CC2: 15@0	7.53	/	Pass
CC1:5 CC2:10	CC1: QPSK CC2: QPSK	CC1:826.5 CC2:833.7	CC1: 25@0 CC2: 50@0	13.94	/	Pass
		CC1:836.8 CC2:844	CC1: 25@0 CC2: 50@0	13.93	/	Pass
	CC1: 16QAM CC2: 16QAM	CC1:826.5 CC2:833.7	CC1: 25@0 CC2: 50@0	13.97	/	Pass
		CC1:836.8 CC2:844	CC1: 25@0 CC2: 50@0	13.93	/	Pass
CC1:10 CC2:5	CC1: QPSK CC2: QPSK	CC1:829 CC2:836.2	CC1: 50@0 CC2: 25@0	9.05	/	Pass
		CC1:839.3 CC2:846.5	CC1: 50@0 CC2: 25@0	9.08	/	Pass
	CC1: 16QAM CC2: 16QAM	CC1:829 CC2:836.2	CC1: 50@0 CC2: 25@0	9.07	/	Pass
		CC1:839.3 CC2:846.5	CC1: 50@0 CC2: 25@0	9.06	/	Pass
CC1:10 CC2:10	CC1: QPSK CC2: QPSK	CC1:829 CC2:838.9	CC1: 50@0 CC2: 50@0	18.96	/	Pass
		CC1:834.1 CC2:844	CC1: 50@0 CC2: 50@0	18.92	/	Pass
	CC1: 16QAM CC2: 16QAM	CC1:829 CC2:838.9	CC1: 50@0 CC2: 50@0	18.87	/	Pass
		CC1:834.1 CC2:844	CC1: 50@0 CC2: 50@0	18.88	/	Pass

2.1.2 CA_5B_NTNV_XDB

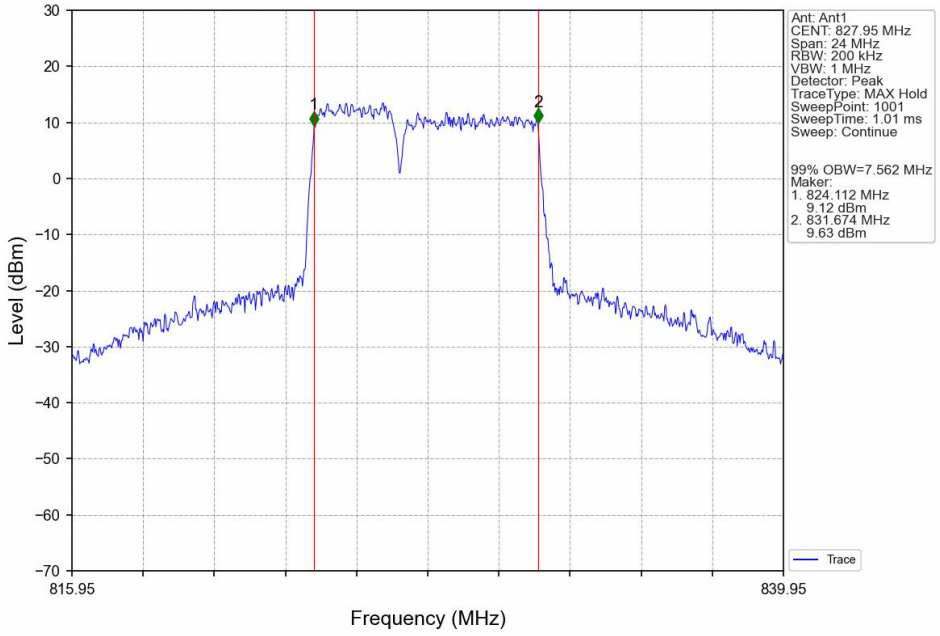
Band: CA_5B / NTNV						
BW (MHz)	Modulation	Frequency (MHz)	RB Allocation	26dB Bandwidth (MHz)		Verdict
				Sum	Limit	
CC1:3 CC2:5	CC1: QPSK CC2: QPSK	CC1:825.5 CC2:829.4	CC1: 15@0 CC2: 25@0	8.18	/	Pass
		CC1:842.6 CC2:846.5	CC1: 15@0 CC2: 25@0	8.15	/	Pass
	CC1: 16QAM CC2: 16QAM	CC1:825.5 CC2:829.4	CC1: 15@0 CC2: 25@0	8.20	/	Pass
		CC1:842.6 CC2:846.5	CC1: 15@0 CC2: 25@0	8.19	/	Pass
CC1:5 CC2:3	CC1: QPSK CC2: QPSK	CC1:826.5 CC2:830.4	CC1: 25@0 CC2: 15@0	8.15	/	Pass
		CC1:843.6 CC2:847.5	CC1: 25@0 CC2: 15@0	8.25	/	Pass
	CC1:	CC1:826.5	CC1: 25@0	8.14	/	Pass

	16QAM CC2: 16QAM	CC2:830.4	CC2: 15@0			
		CC1:843.6 CC2:847.5	CC1: 25@0 CC2: 15@0	8.21	/	Pass
CC1:5 CC2:10	CC1: QPSK CC2: QPSK	CC1:826.5 CC2:833.7	CC1: 25@0 CC2: 50@0	14.90	/	Pass
		CC1:836.8 CC2:844	CC1: 25@0 CC2: 50@0	14.91	/	Pass
	CC1: 16QAM CC2: 16QAM	CC1:826.5 CC2:833.7	CC1: 25@0 CC2: 50@0	14.90	/	Pass
		CC1:836.8 CC2:844	CC1: 25@0 CC2: 50@0	14.85	/	Pass
CC1:10 CC2:5	CC1: QPSK CC2: QPSK	CC1:829 CC2:836.2	CC1: 50@0 CC2: 25@0	10.08	/	Pass
		CC1:839.3 CC2:846.5	CC1: 50@0 CC2: 25@0	9.97	/	Pass
	CC1: 16QAM CC2: 16QAM	CC1:829 CC2:836.2	CC1: 50@0 CC2: 25@0	10.21	/	Pass
		CC1:839.3 CC2:846.5	CC1: 50@0 CC2: 25@0	10.04	/	Pass
CC1:10 CC2:10	CC1: QPSK CC2: QPSK	CC1:829 CC2:838.9	CC1: 50@0 CC2: 50@0	20.38	/	Pass
		CC1:834.1 CC2:844	CC1: 50@0 CC2: 50@0	20.12	/	Pass
	CC1: 16QAM CC2: 16QAM	CC1:829 CC2:838.9	CC1: 50@0 CC2: 50@0	20.17	/	Pass
		CC1:834.1 CC2:844	CC1: 50@0 CC2: 50@0	20.40	/	Pass

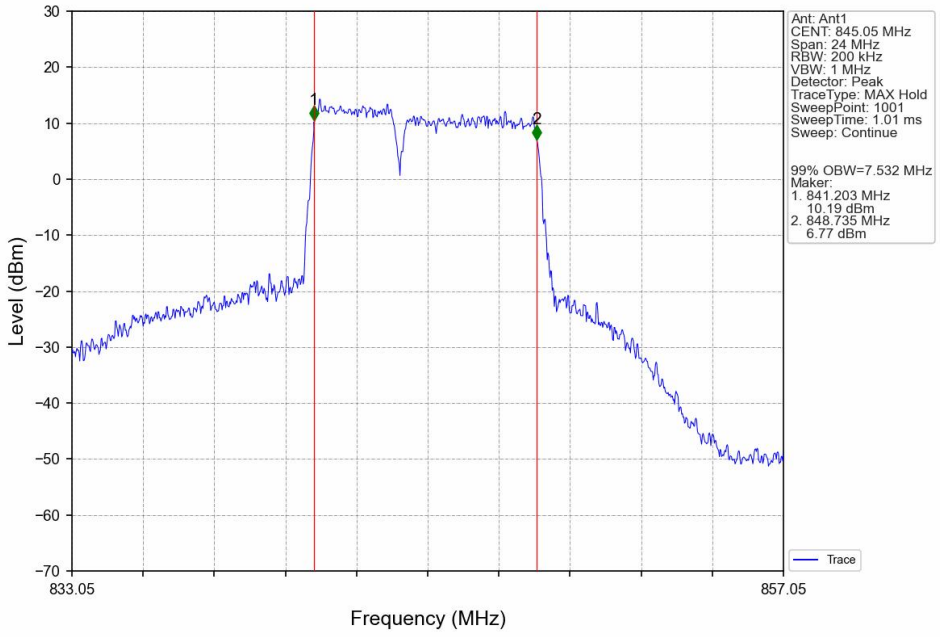
2.2 Test Graph

2.2.1 CA_5B_NTNV_OBW

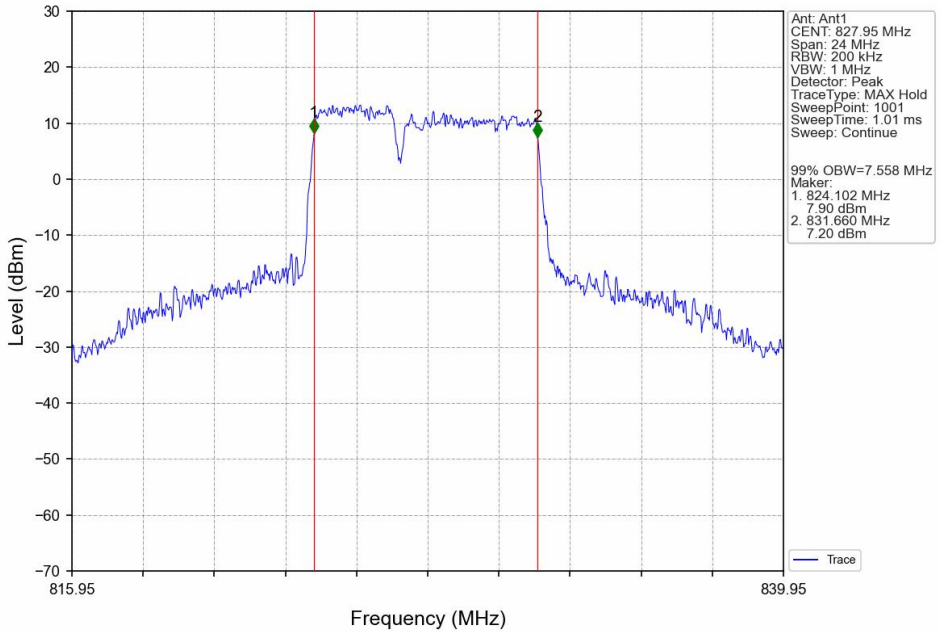
CA_5B_SISO_NTNV_CC1:3 CC2:5MHz_CC1:QPSK CC2:QPSK_CC1:825.5 CC2:829.4MHz_CC1: 15@0 CC2: 25@0



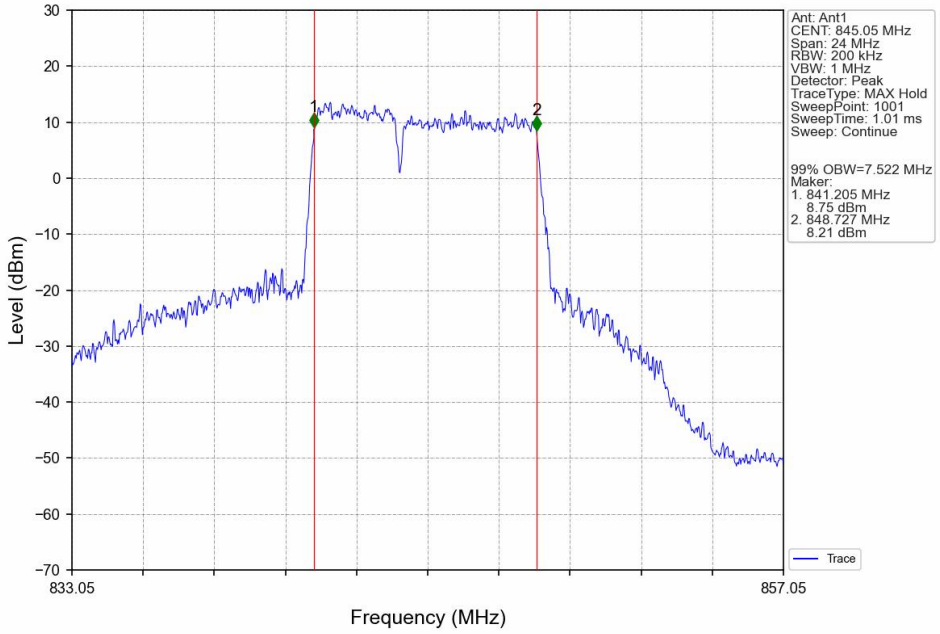
CA_5B_SISO_NTNV_CC1:3 CC2:5MHz_CC1:QPSK CC2:QPSK_CC1:842.6 CC2:846.5MHz_CC1: 15@0 CC2: 25@0



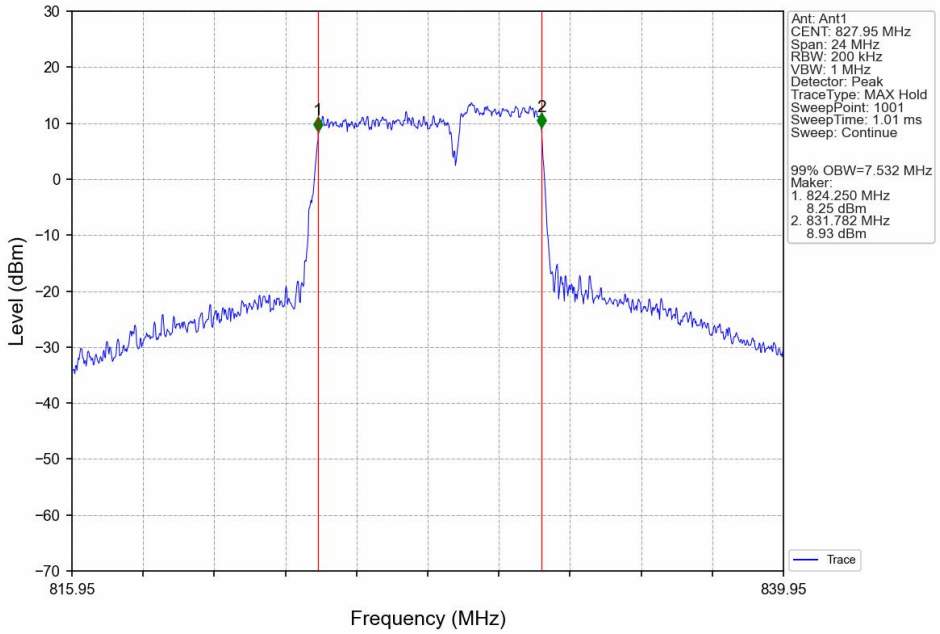
CA_5B_SISO_NTNV_CC1:3 CC2:5MHz_CC1:16QAM CC2:16QAM_CC1:825.5 CC2:829.4MHz_CC1: 15@0 CC2: 25@0



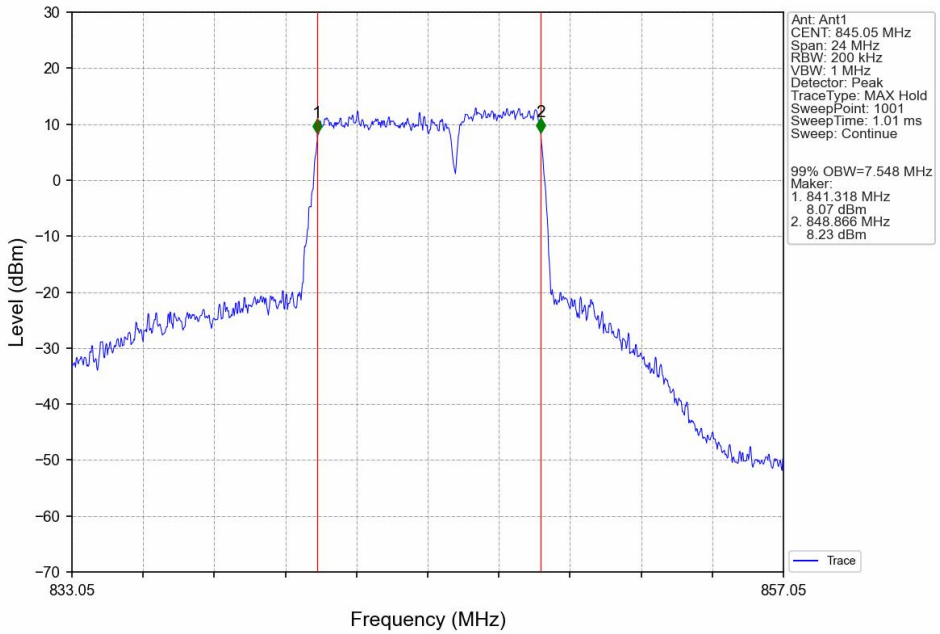
CA_5B_SISO_NTNV_CC1:3 CC2:5MHz_CC1:16QAM CC2:16QAM_CC1:842.6 CC2:846.5MHz_CC1: 15@0 CC2: 25@0



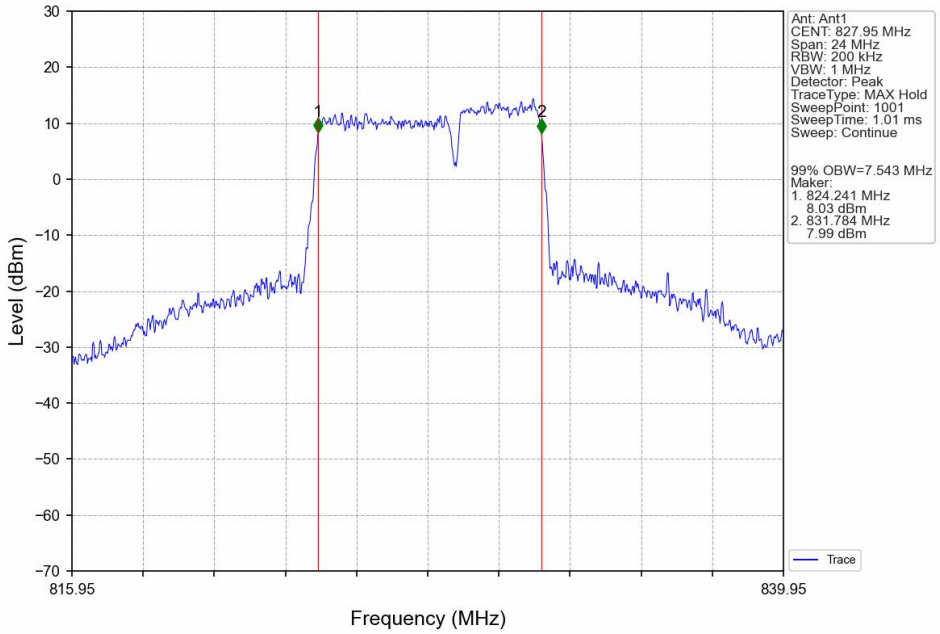
CA_5B_SISO_NTNV_CC1:5 CC2:3MHz_CC1:QPSK CC2:QPSK_CC1:826.5 CC2:830.4MHz_CC1: 25@0 CC2: 15@0



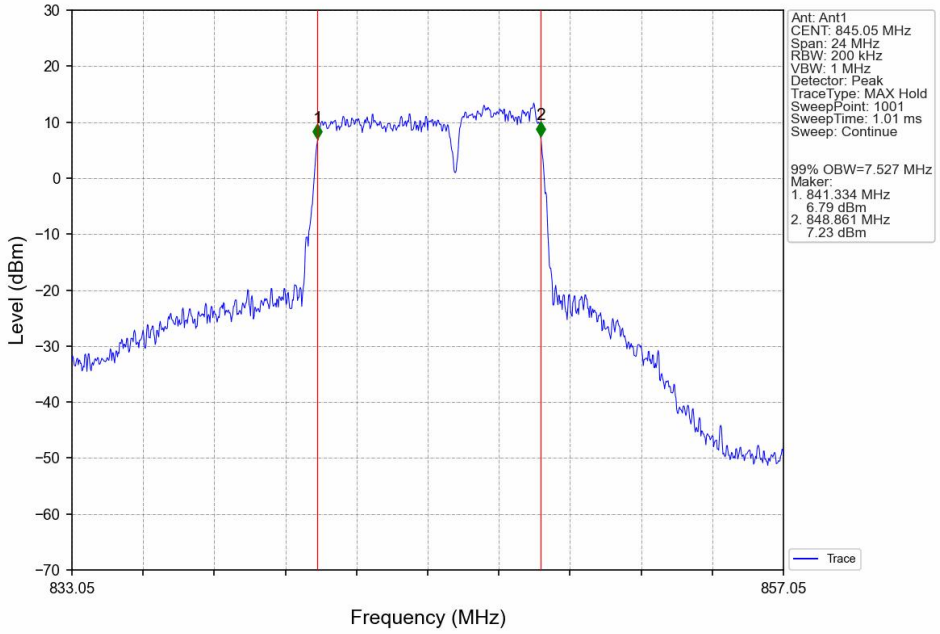
CA_5B_SISO_NTNV_CC1:5 CC2:3MHz_CC1:QPSK CC2:QPSK_CC1:843.6 CC2:847.5MHz_CC1: 25@0 CC2: 15@0



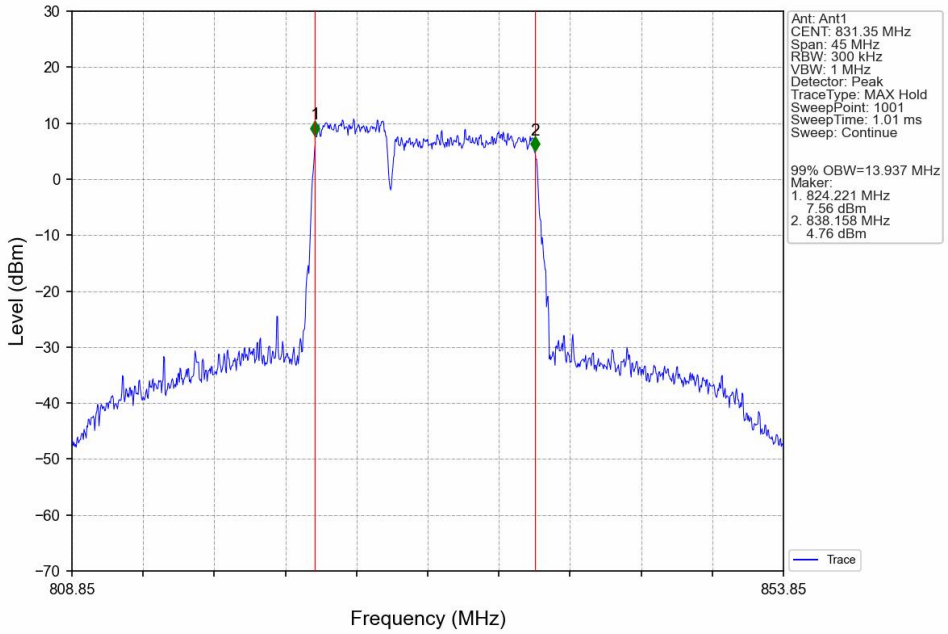
CA_5B_SISO_NTNV_CC1:5 CC2:3MHz_CC1:16QAM CC2:16QAM_CC1:826.5 CC2:830.4MHz_CC1: 25@0 CC2: 15@0



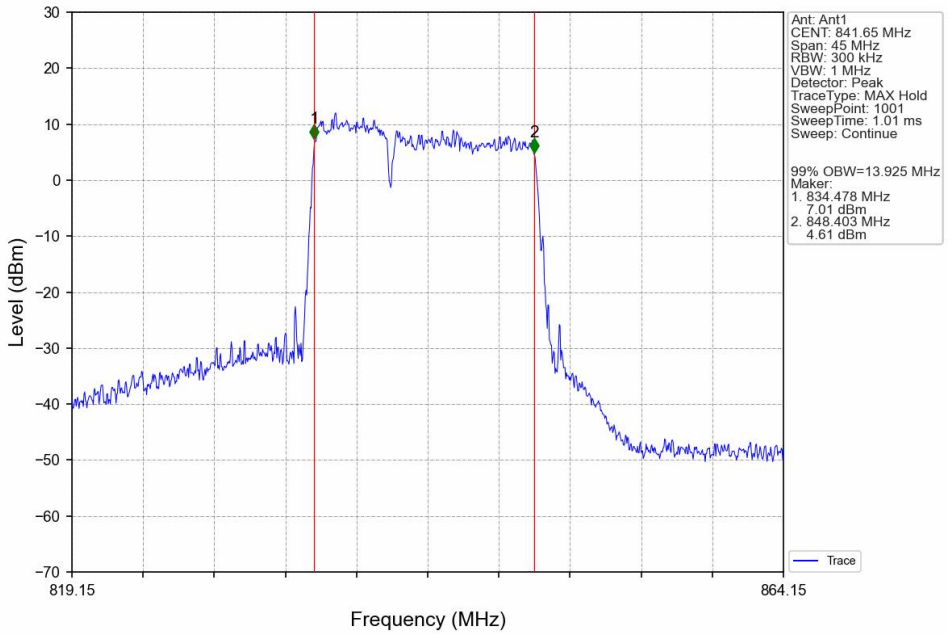
CA_5B_SISO_NTNV_CC1:5 CC2:3MHz_CC1:16QAM CC2:16QAM_CC1:843.6 CC2:847.5MHz_CC1: 25@0 CC2: 15@0



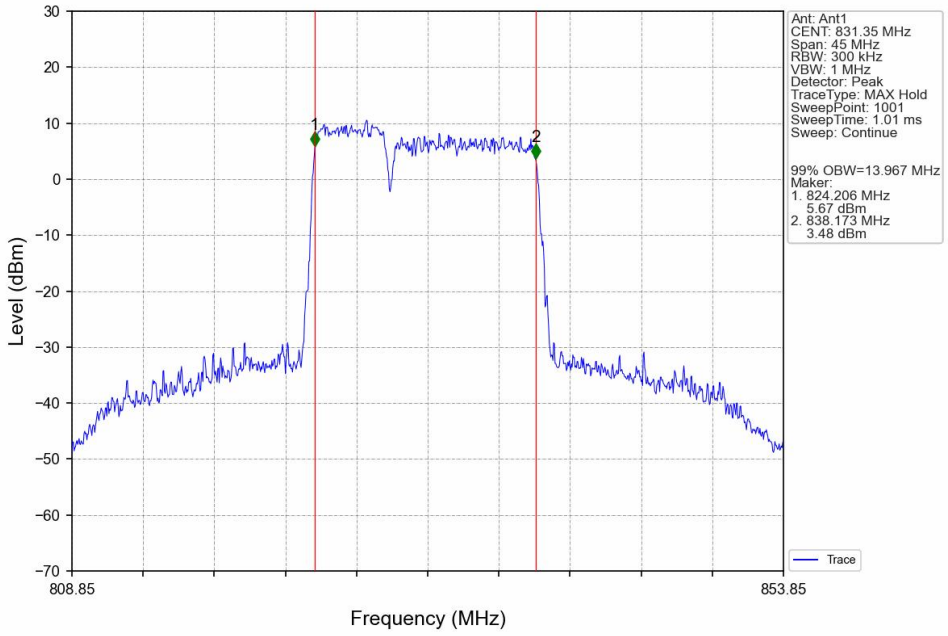
CA_5B_SISO_NTNV_CC1:5 CC2:10MHz_CC1:QPSK CC2:QPSK_CC1:826.5 CC2:833.7MHz_CC1: 25@0 CC2: 50@0



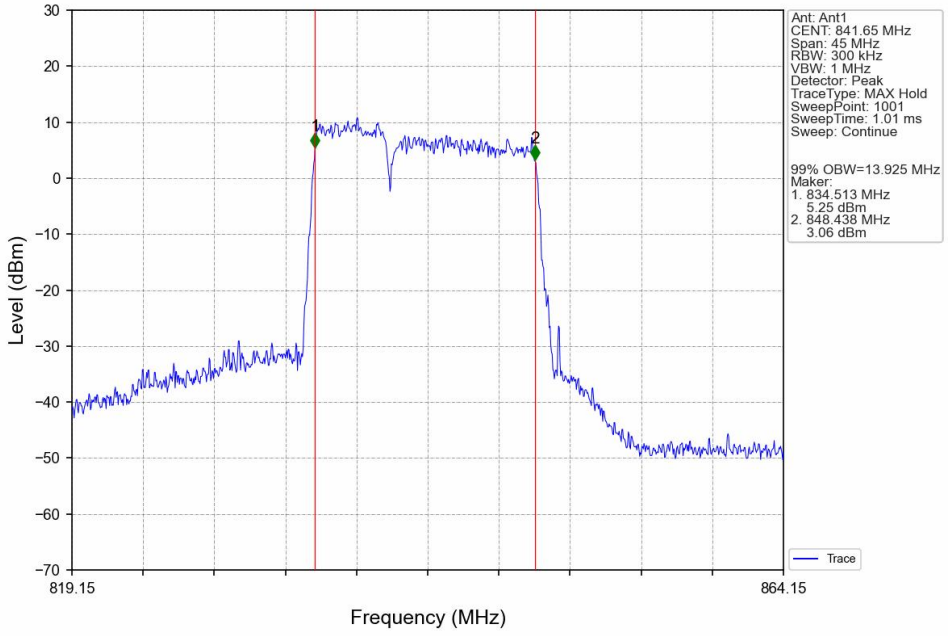
CA_5B_SISO_NTNV_CC1:5 CC2:10MHz_CC1:QPSK CC2:QPSK_CC1:836.8 CC2:844MHz_CC1: 25@0 CC2: 50@0



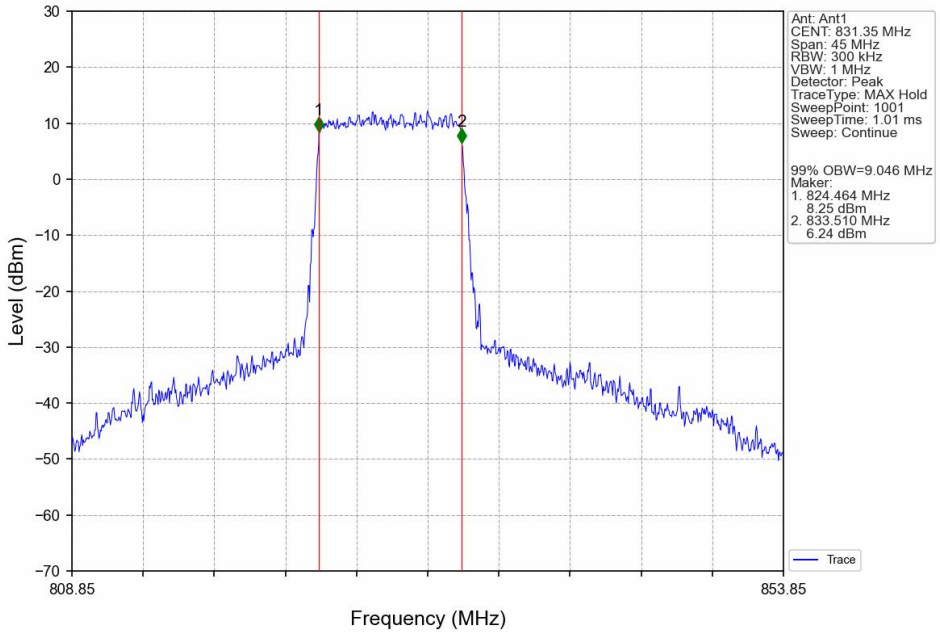
CA_5B_SISO_NTNV_CC1:5 CC2:10MHz_CC1:16QAM CC2:16QAM_CC1:826.5 CC2:833.7MHz_CC1: 25@0 CC2: 50@0



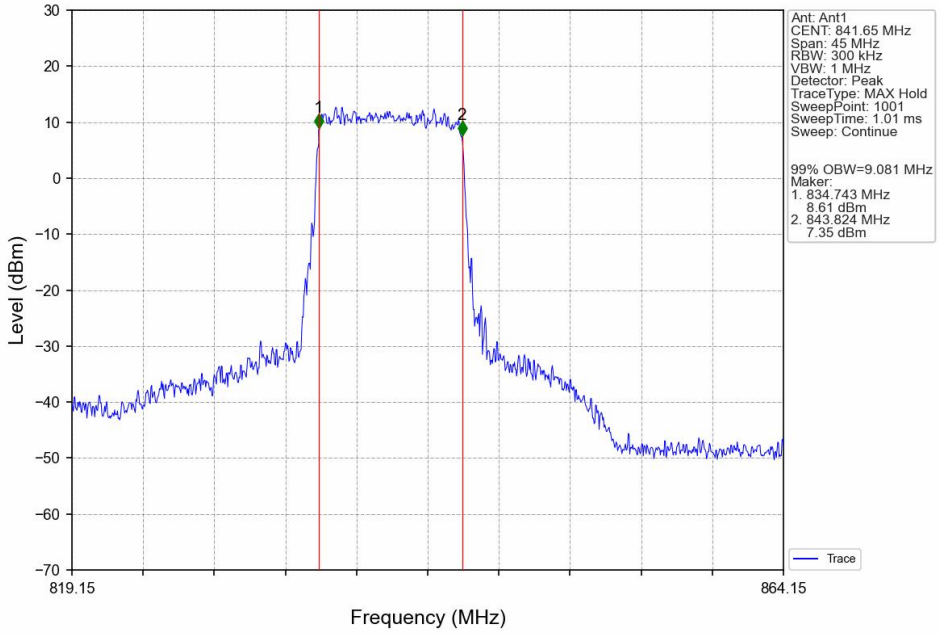
CA_5B_SISO_NTNV_CC1:5 CC2:10MHz_CC1:16QAM CC2:16QAM_CC1:836.8 CC2:844MHz_CC1: 25@0 CC2: 50@0



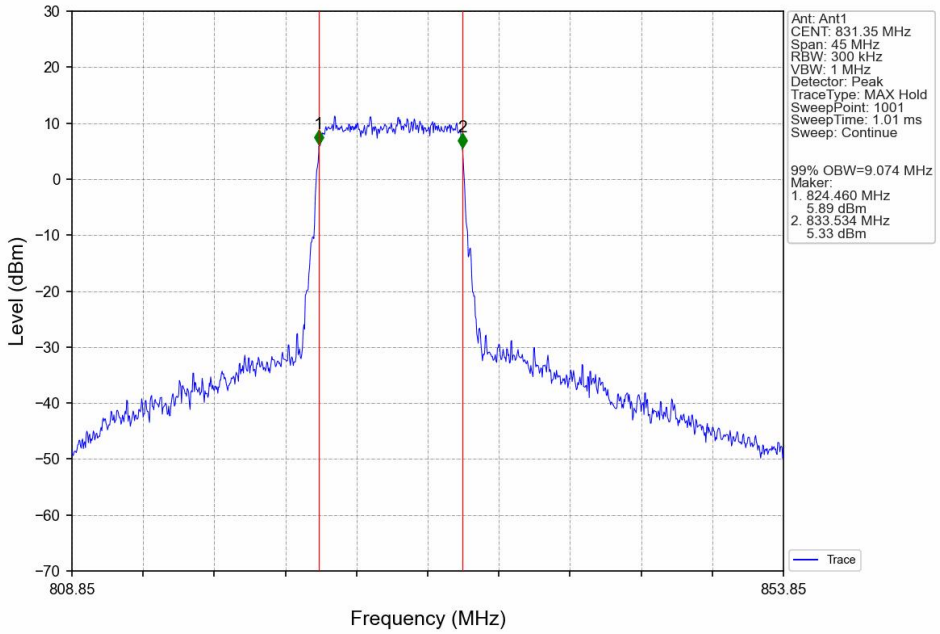
CA_5B_SISO_NTNV_CC1:10 CC2:5MHz_CC1:QPSK CC2:QPSK_CC1:829 CC2:836.2MHz_CC1: 50@0 CC2: 25@0



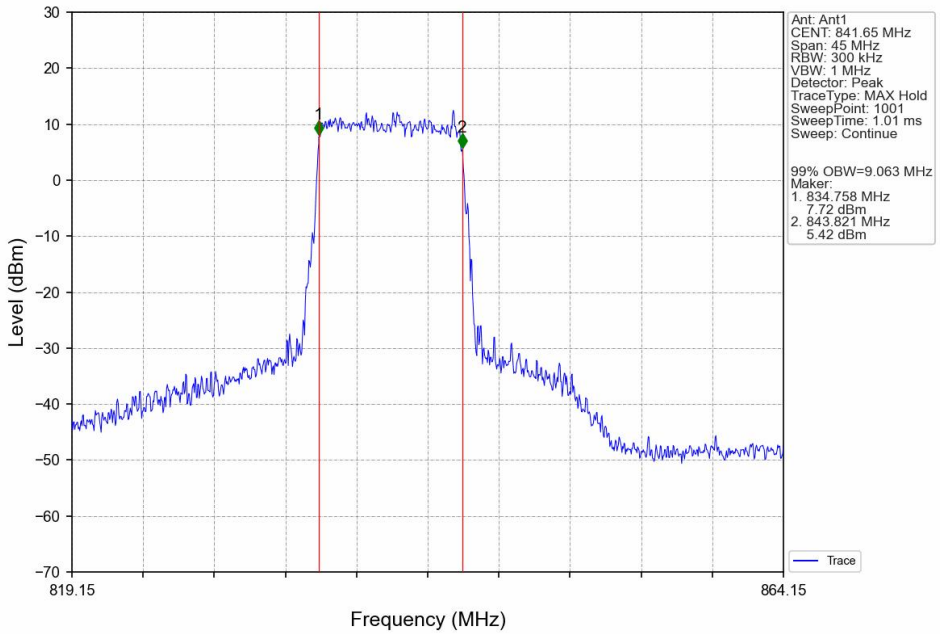
CA_5B_SISO_NTNV_CC1:10 CC2:5MHz_CC1:QPSK CC2:QPSK_CC1:839.3 CC2:846.5MHz_CC1: 50@0 CC2: 25@0



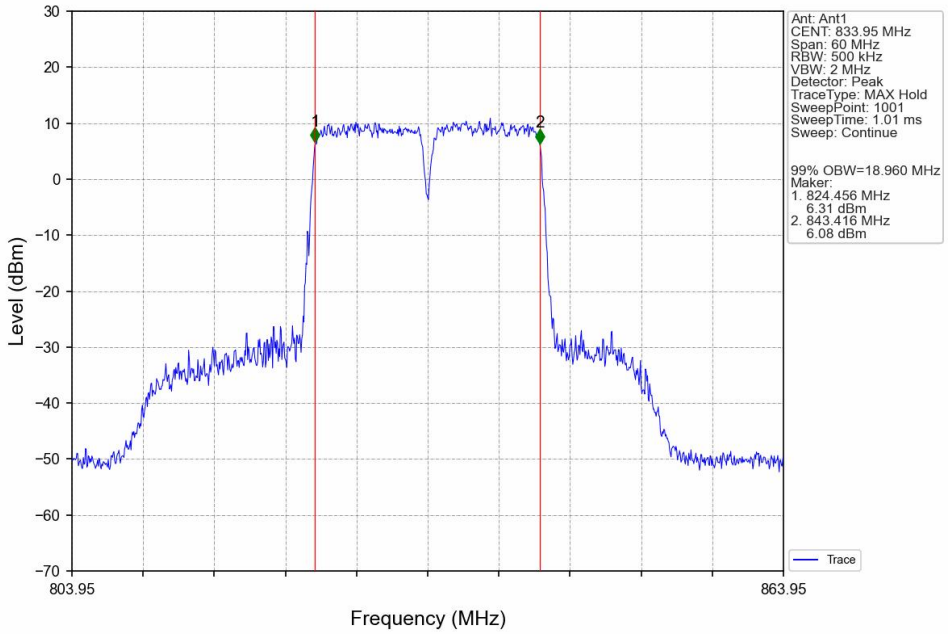
CA_5B_SISO_NTNV_CC1:10 CC2:5MHz_CC1:16QAM CC2:16QAM_CC1:829 CC2:836.2MHz_CC1: 50@0 CC2: 25@0



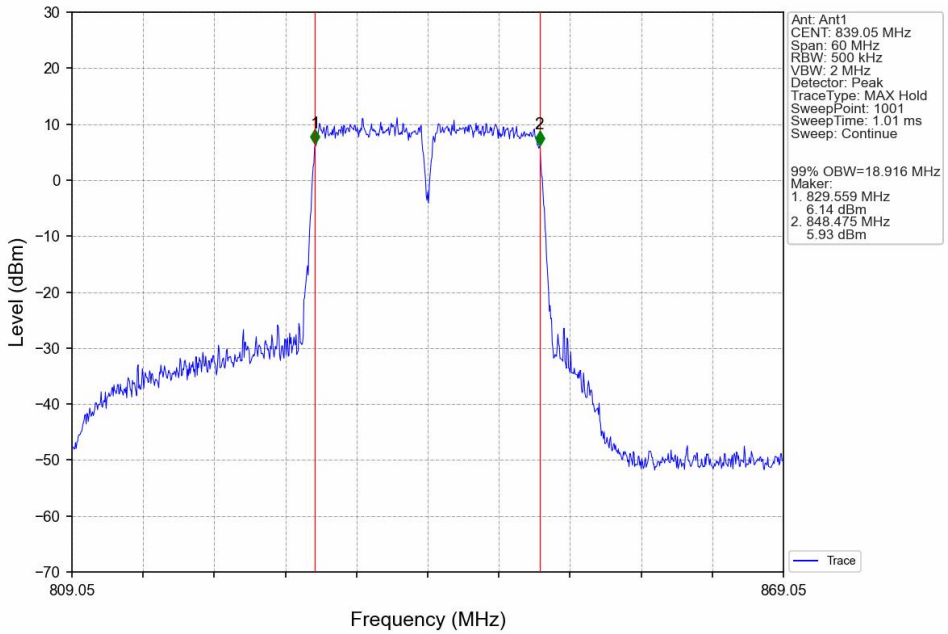
CA_5B_SISO_NTNV_CC1:10 CC2:5MHz_CC1:16QAM CC2:16QAM_CC1:839.3 CC2:846.5MHz_CC1: 50@0 CC2: 25@0



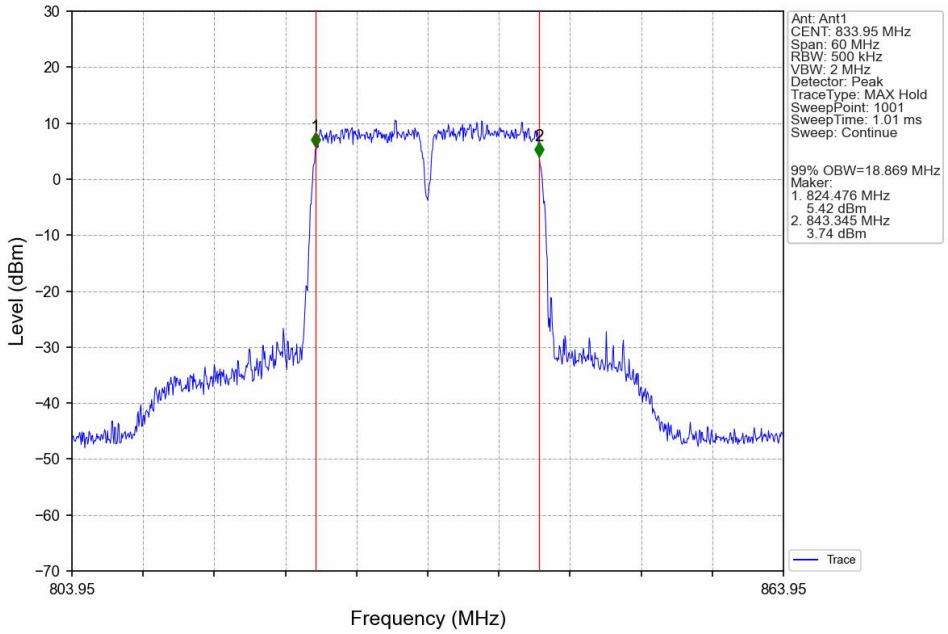
CA_5B_SISO_NTNV_CC1:10 CC2:10MHz_CC1:QPSK CC2:QPSK_CC1:829 CC2:838.9MHz_CC1: 50@0 CC2: 50@0



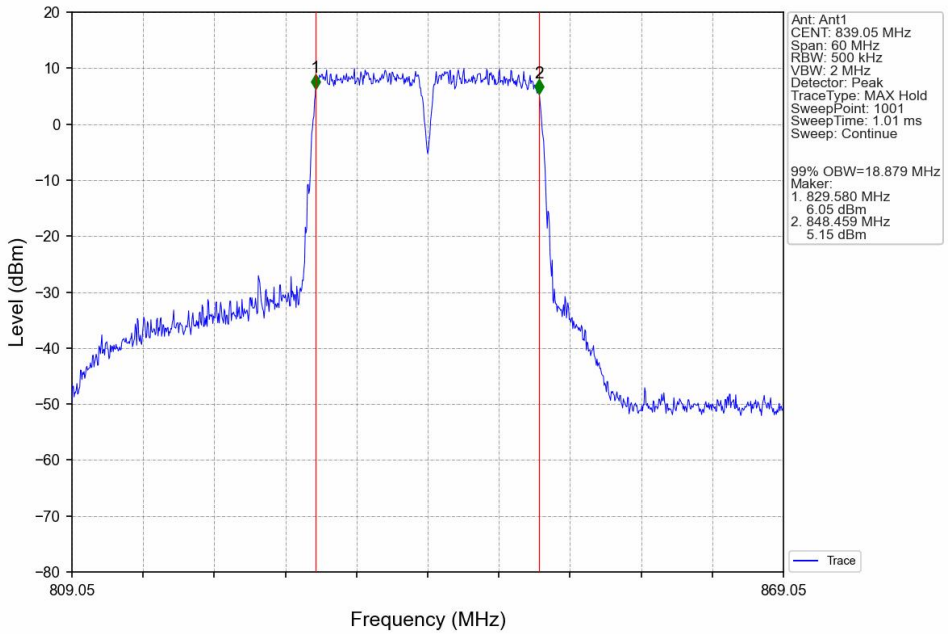
CA_5B_SISO_NTNV_CC1:10 CC2:10MHz_CC1:QPSK CC2:QPSK_CC1:834.1 CC2:844MHz_CC1: 50@0 CC2: 50@0



CA_5B_SISO_NTNV_CC1:10 CC2:10MHz_CC1:16QAM CC2:16QAM_CC1:829 CC2:838.9MHz_CC1: 50@0 CC2: 50@0

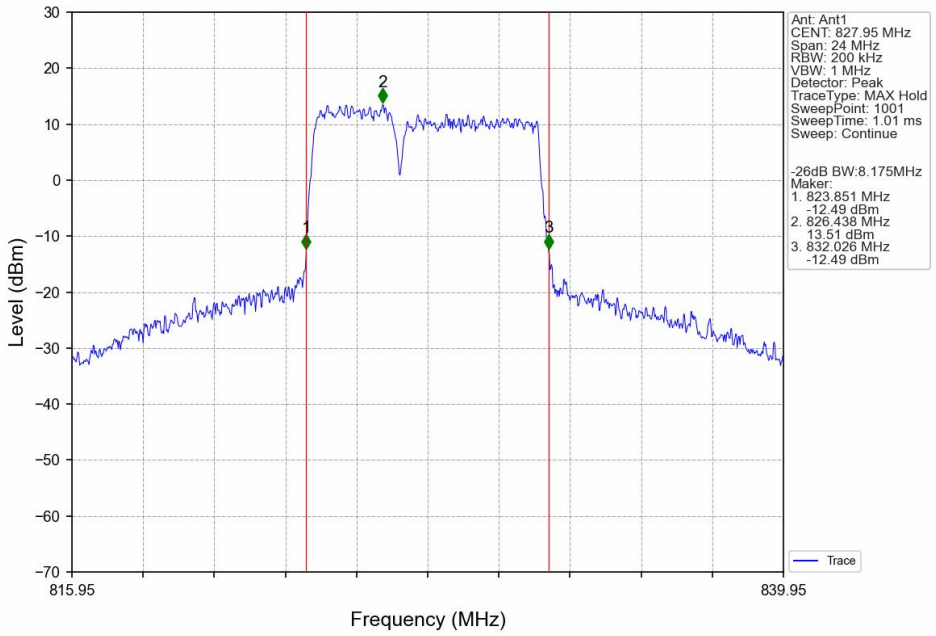


CA_5B_SISO_NTNV_CC1:10 CC2:10MHz_CC1:16QAM CC2:16QAM_CC1:834.1 CC2:844MHz_CC1: 50@0 CC2: 50@0

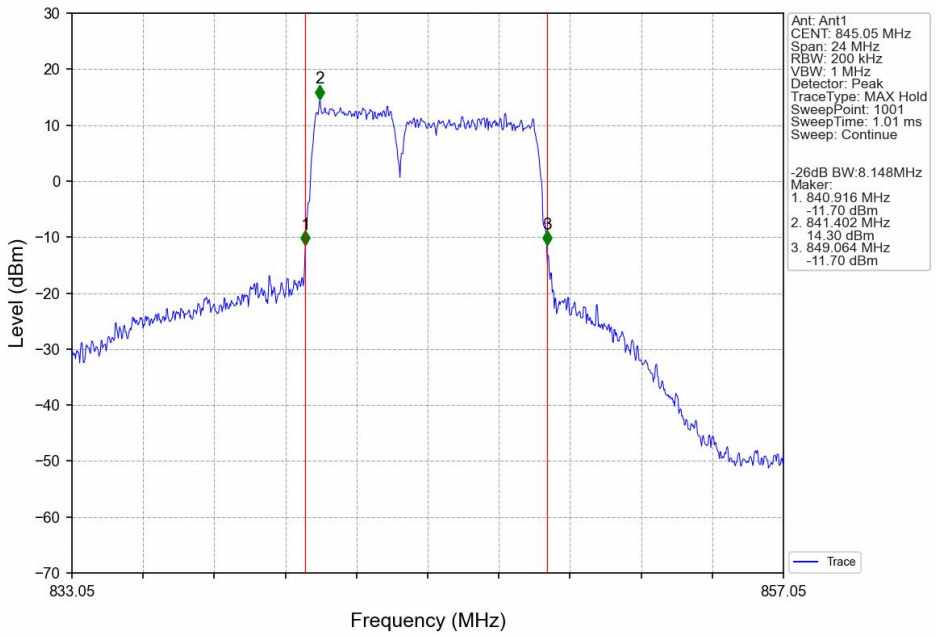


2.2.2 CA_5B_NTNV_XDB

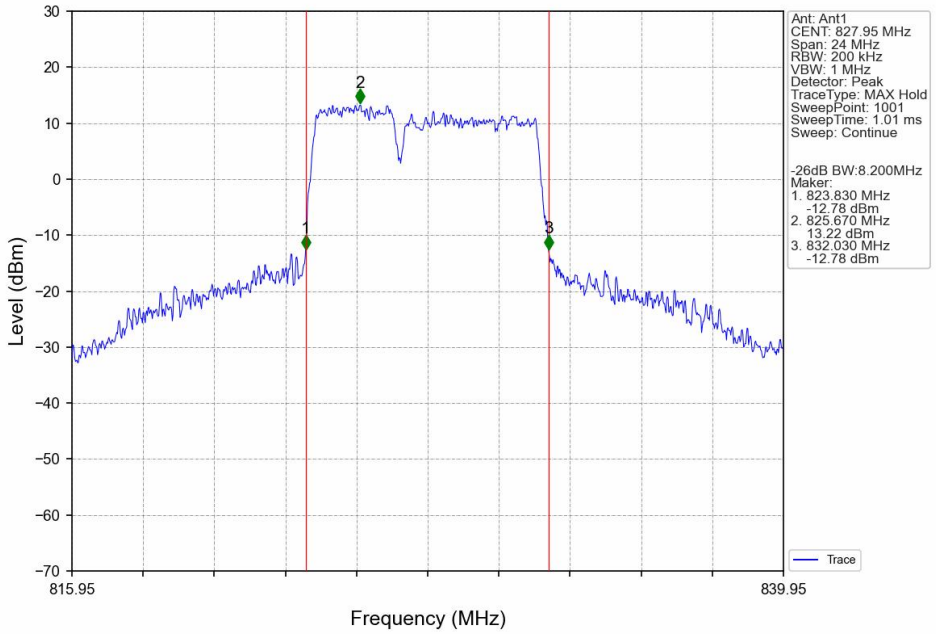
CA_5B_SISO_NTNV_CC1:3 CC2:5MHz_CC1:QPSK CC2:QPSK_CC1:825.5 CC2:829.4MHz_CC1: 15@0 CC2: 25@0



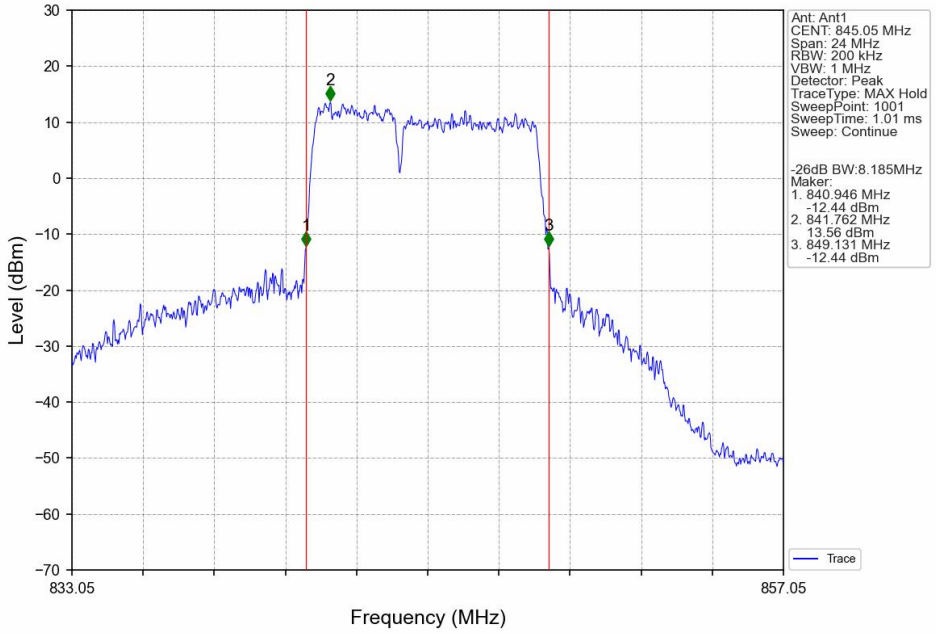
CA_5B_SISO_NTNV_CC1:3 CC2:5MHz_CC1:QPSK CC2:QPSK_CC1:842.6 CC2:846.5MHz_CC1: 15@0 CC2: 25@0



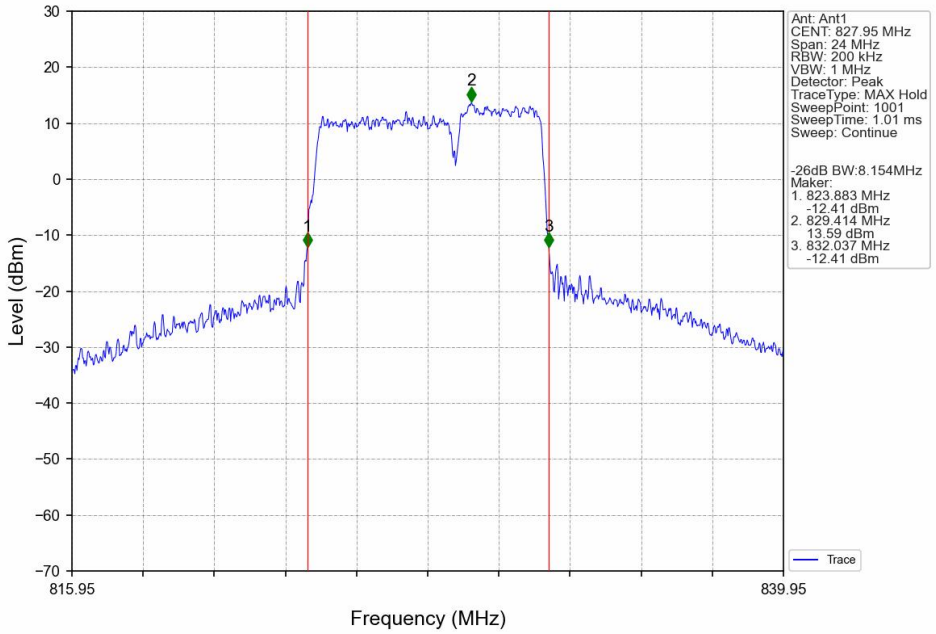
CA_5B_SISO_NTNV_CC1:3 CC2:5MHz_CC1:16QAM CC2:16QAM_CC1:825.5 CC2:829.4MHz_CC1: 15@0 CC2: 25@0



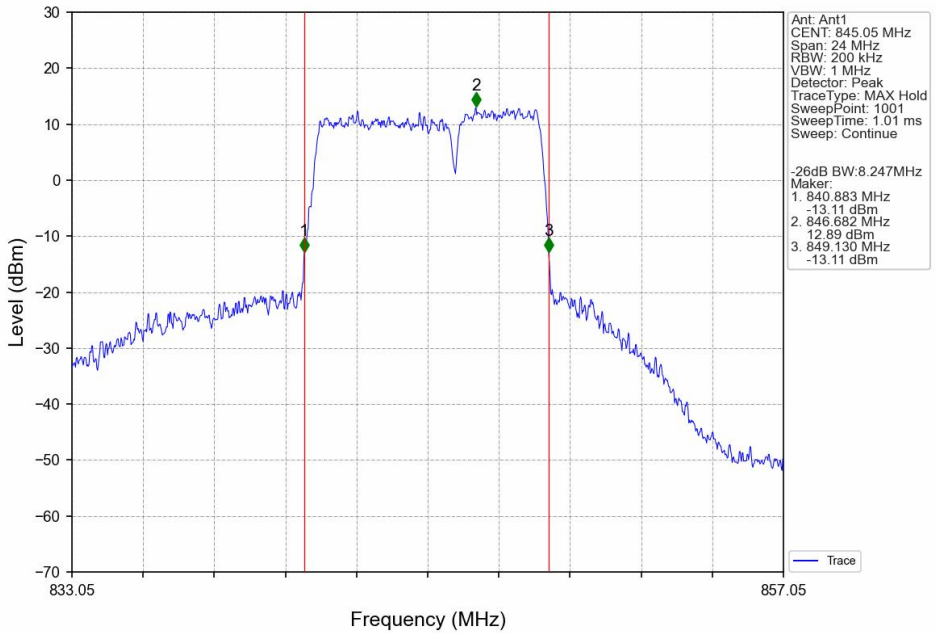
CA_5B_SISO_NTNV_CC1:3 CC2:5MHz_CC1:16QAM CC2:16QAM_CC1:842.6 CC2:846.5MHz_CC1: 15@0 CC2: 25@0



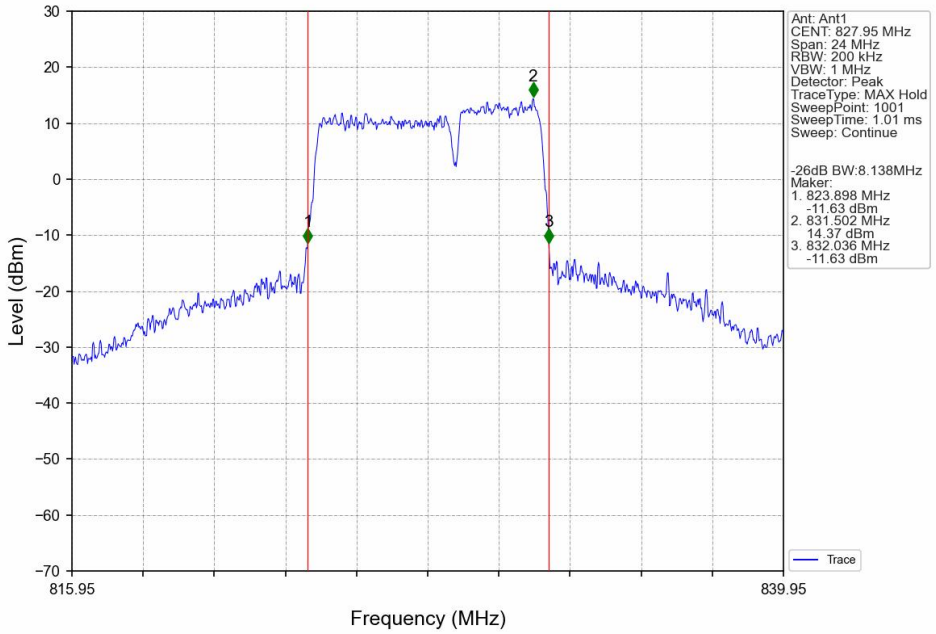
CA_5B_SISO_NTNV_CC1:5 CC2:3MHz_CC1:QPSK CC2:QPSK_CC1:826.5 CC2:830.4MHz_CC1: 25@0 CC2: 15@0



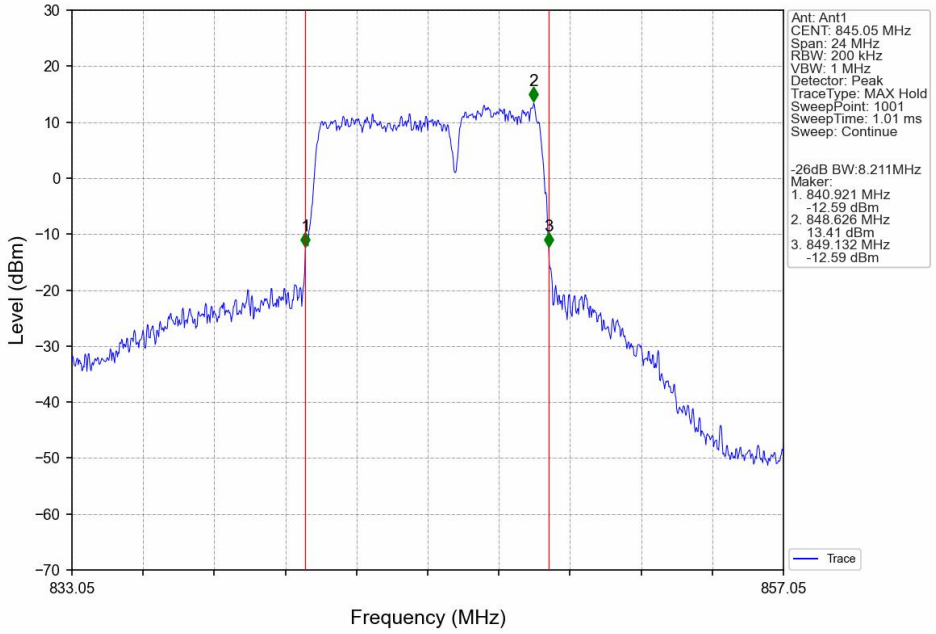
CA_5B_SISO_NTNV_CC1:5 CC2:3MHz_CC1:QPSK CC2:QPSK_CC1:843.6 CC2:847.5MHz_CC1: 25@0 CC2: 15@0



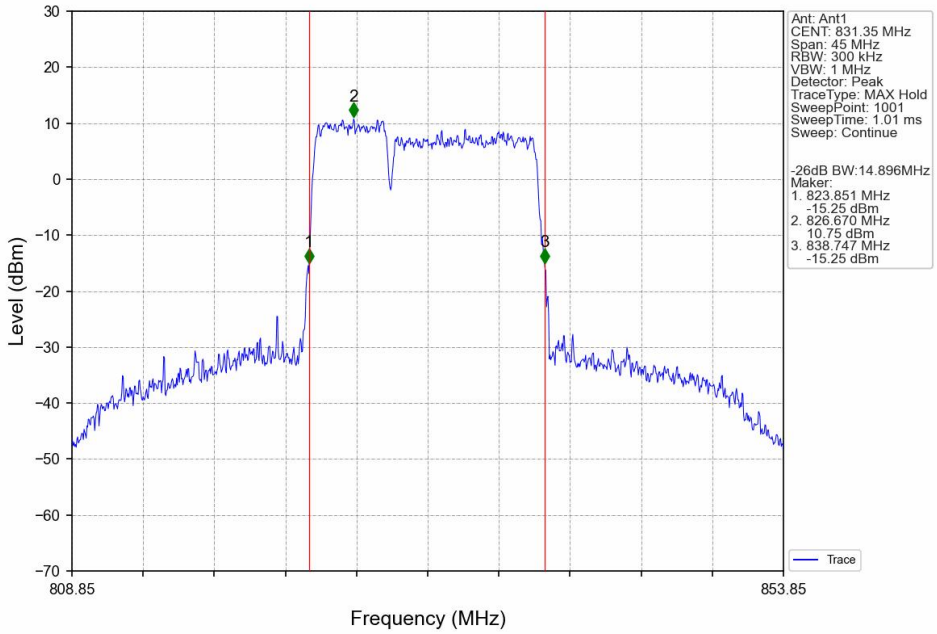
CA_5B_SISO_NTNV_CC1:5 CC2:3MHz_CC1:16QAM CC2:16QAM_CC1:826.5 CC2:830.4MHz_CC1: 25@0 CC2: 15@0



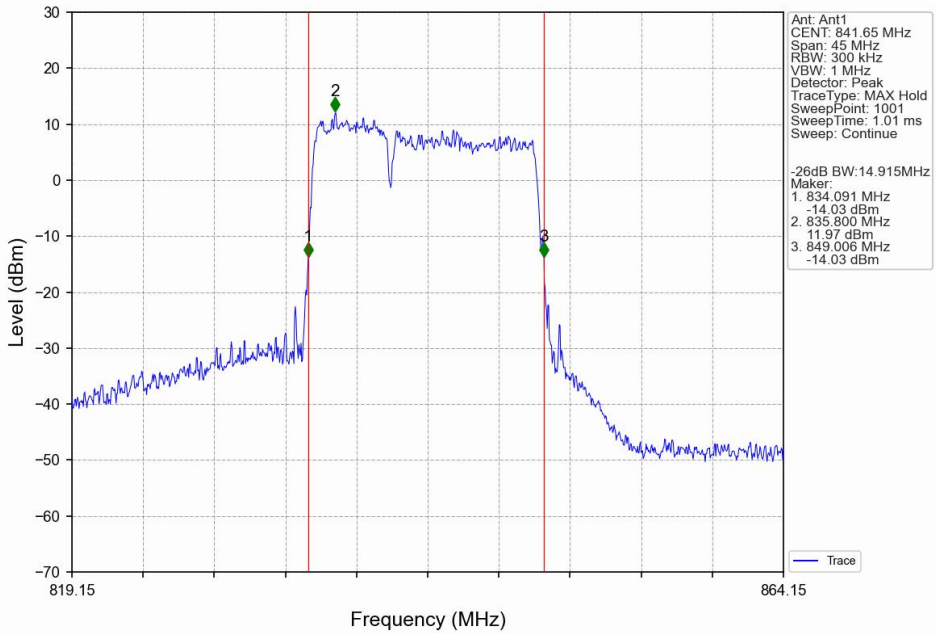
CA_5B_SISO_NTNV_CC1:5 CC2:3MHz_CC1:16QAM CC2:16QAM_CC1:843.6 CC2:847.5MHz_CC1: 25@0 CC2: 15@0



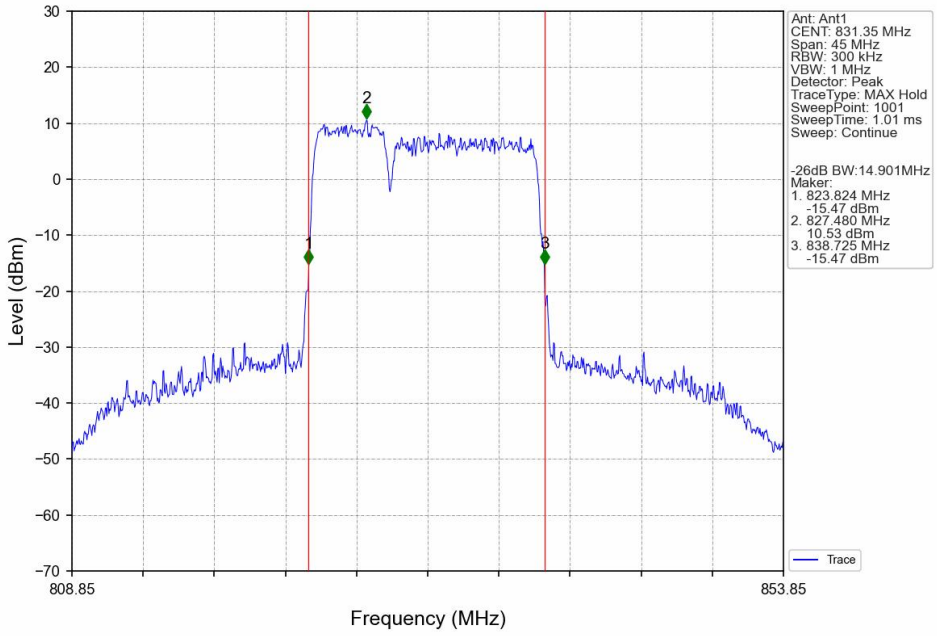
CA_5B_SISO_NTNV_CC1:5 CC2:10MHz_CC1:QPSK CC2:QPSK_CC1:826.5 CC2:833.7MHz_CC1: 25@0 CC2: 50@0



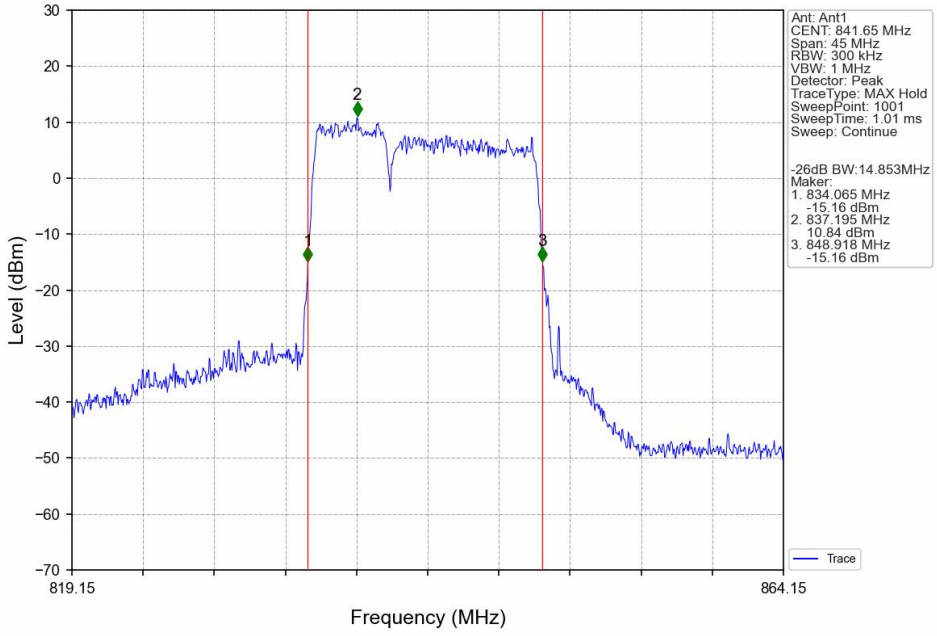
CA_5B_SISO_NTNV_CC1:5 CC2:10MHz_CC1:QPSK CC2:QPSK_CC1:836.8 CC2:844MHz_CC1: 25@0 CC2: 50@0



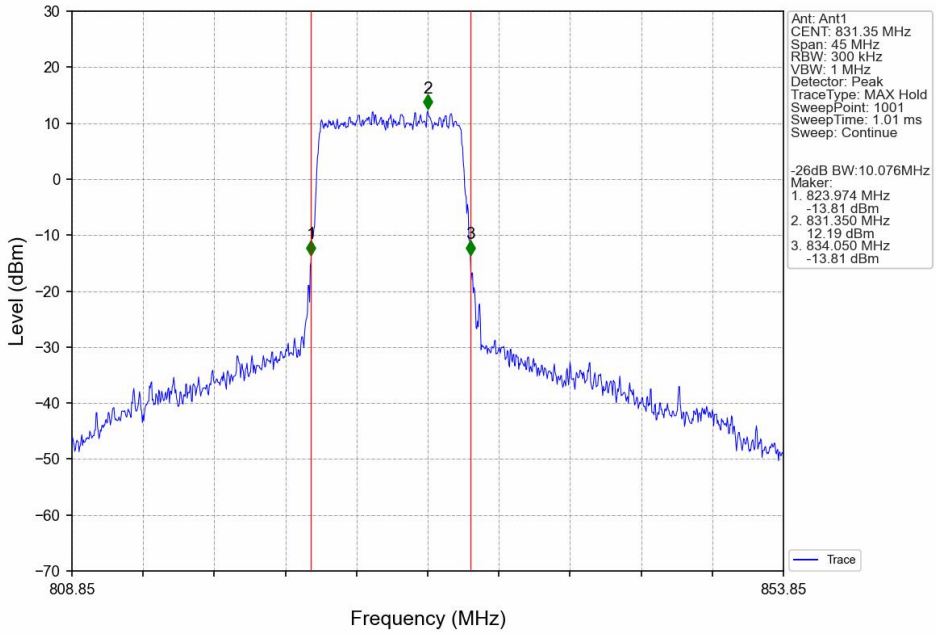
CA_5B_SISO_NTNV_CC1:5 CC2:10MHz_CC1:16QAM CC2:16QAM_CC1:826.5 CC2:833.7MHz_CC1: 25@0 CC2: 50@0



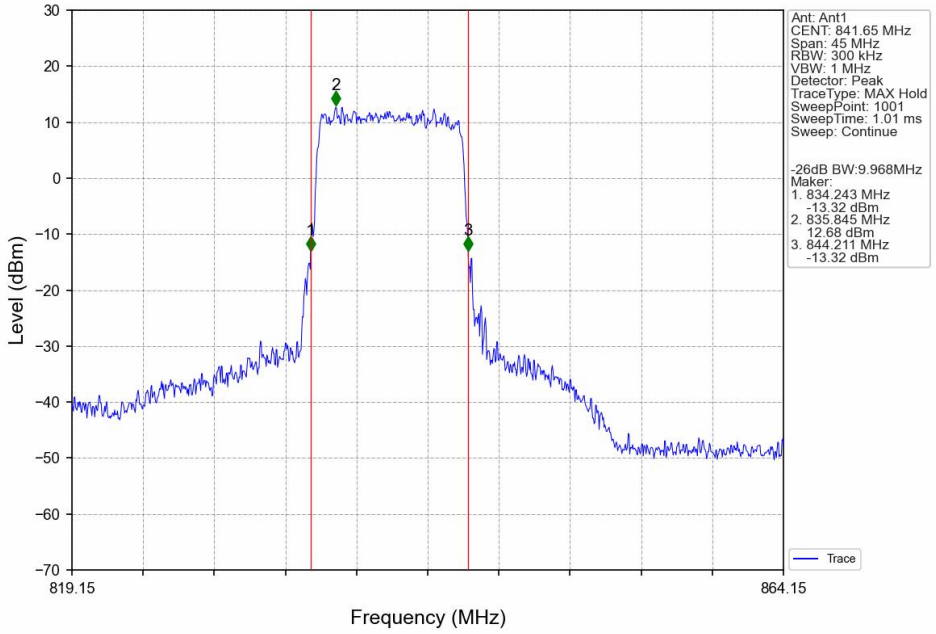
CA_5B_SISO_NTNV_CC1:5 CC2:10MHz_CC1:16QAM CC2:16QAM_CC1:836.8 CC2:844MHz_CC1: 25@0 CC2: 50@0



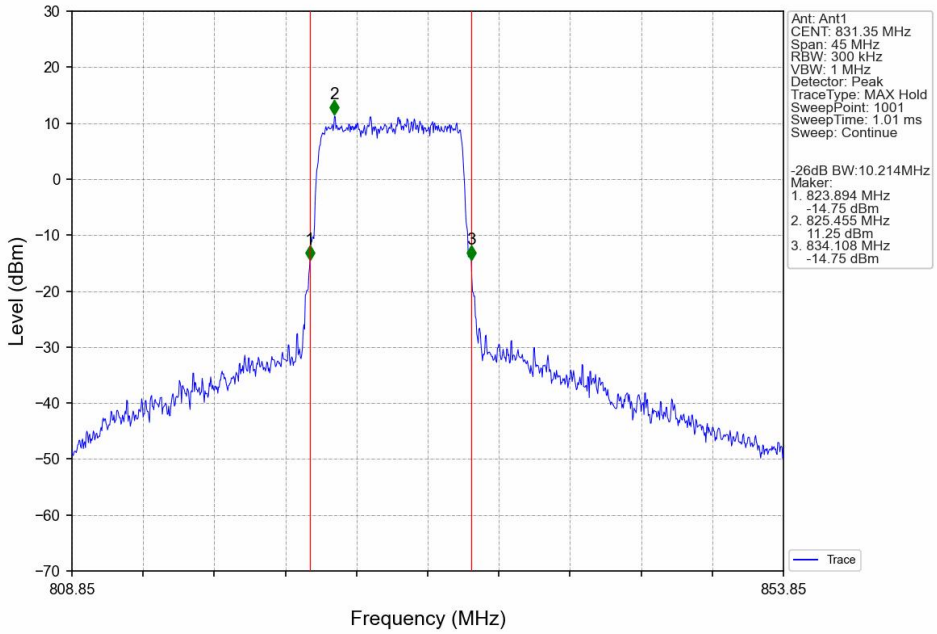
CA_5B_SISO_NTNV_CC1:10 CC2:5MHz_CC1:QPSK CC2:QPSK_CC1:829 CC2:836.2MHz_CC1: 50@0 CC2: 25@0



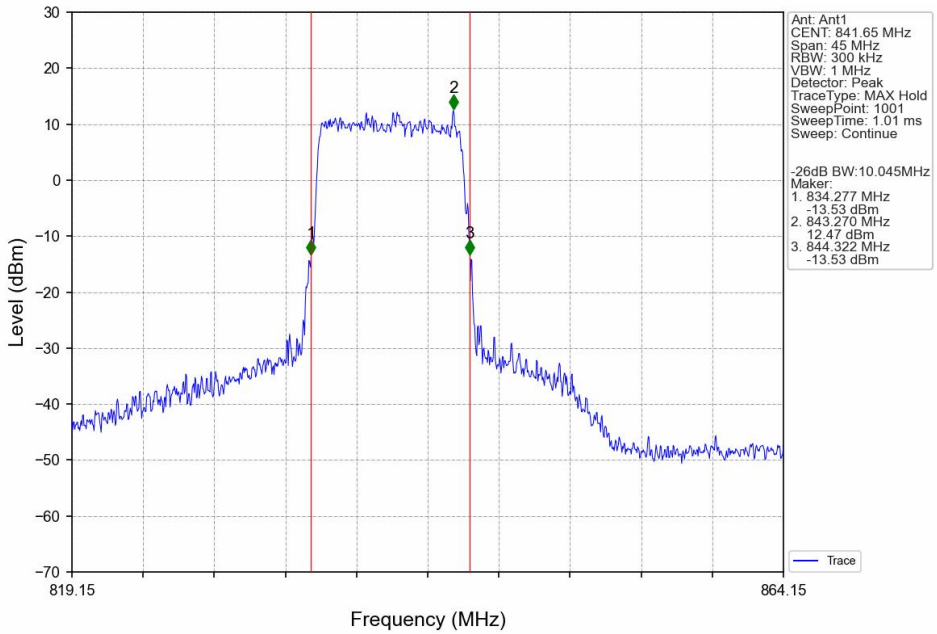
CA_5B_SISO_NTNV_CC1:10 CC2:5MHz_CC1:QPSK CC2:QPSK_CC1:839.3 CC2:846.5MHz_CC1: 50@0 CC2: 25@0



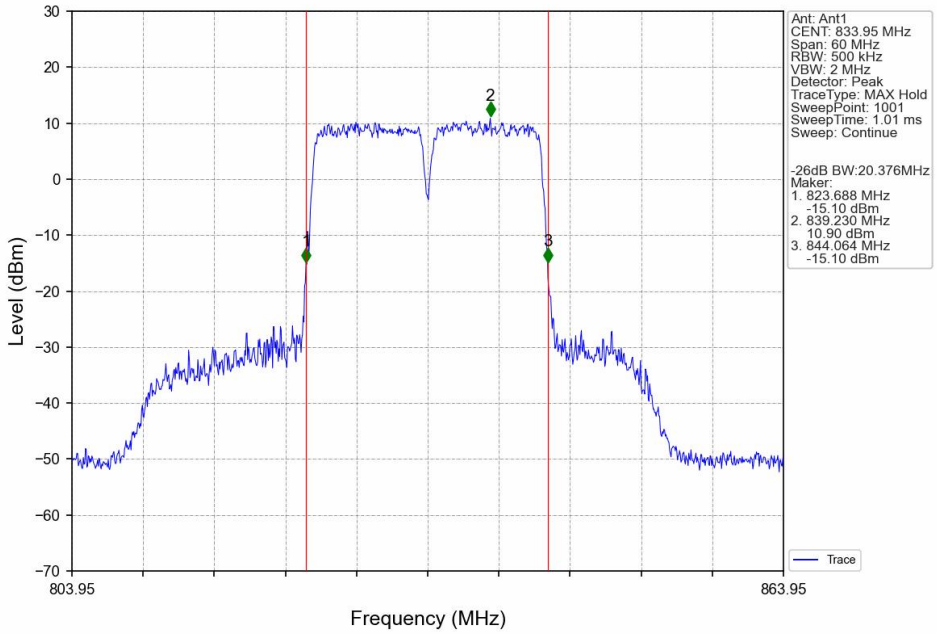
CA_5B_SISO_NTNV_CC1:10 CC2:5MHz_CC1:16QAM CC2:16QAM_CC1:829 CC2:836.2MHz_CC1: 50@0 CC2: 25@0



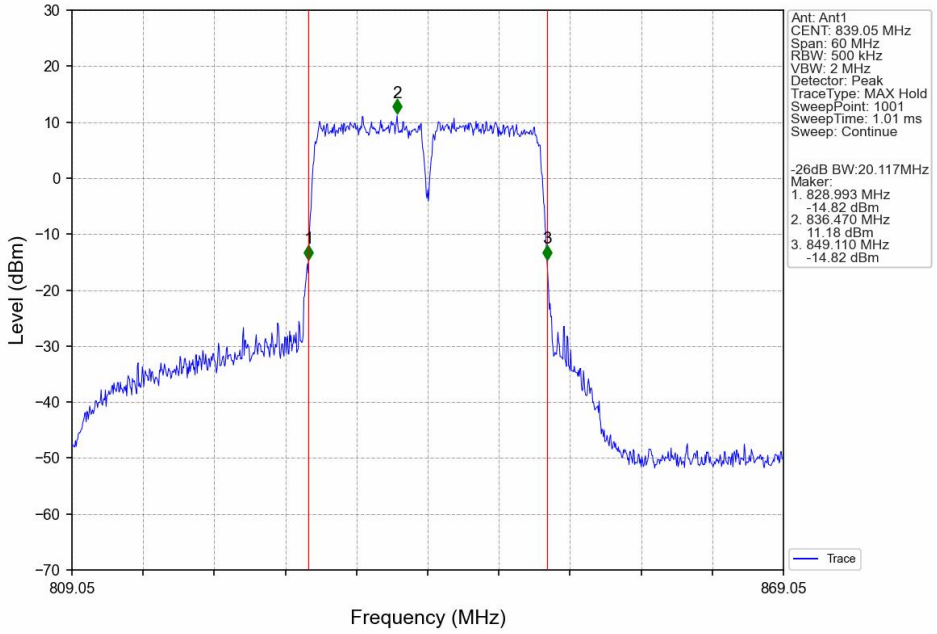
CA_5B_SISO_NTNV_CC1:10 CC2:5MHz_CC1:16QAM CC2:16QAM_CC1:839.3 CC2:846.5MHz_CC1: 50@0 CC2: 25@0



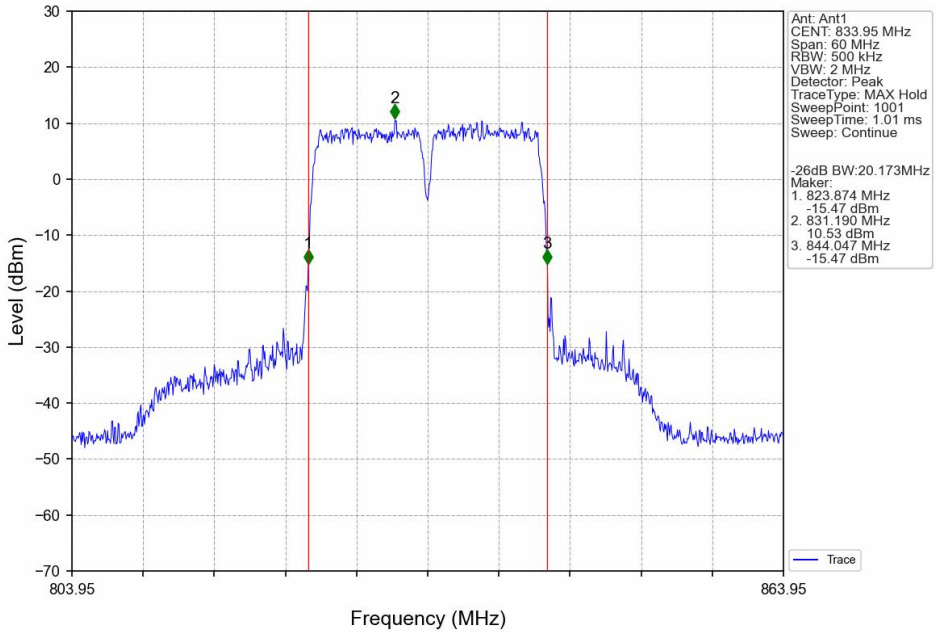
CA_5B_SISO_NTNV_CC1:10 CC2:10MHz_CC1:QPSK CC2:QPSK_CC1:829 CC2:838.9MHz_CC1: 50@0 CC2: 50@0



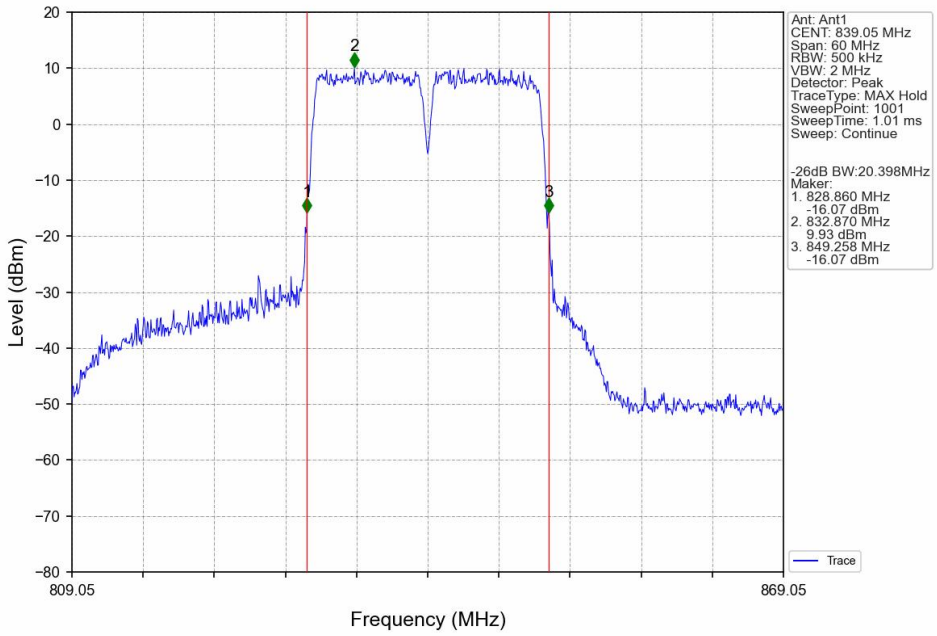
CA_5B_SISO_NTNV_CC1:10 CC2:10MHz_CC1:QPSK CC2:QPSK_CC1:834.1 CC2:844MHz_CC1: 50@0 CC2: 50@0



CA_5B_SISO_NTNV_CC1:10 CC2:10MHz_CC1:16QAM CC2:16QAM_CC1:829 CC2:838.9MHz_CC1: 50@0 CC2: 50@0



CA_5B_SISO_NTNV_CC1:10 CC2:10MHz_CC1:16QAM CC2:16QAM_CC1:834.1 CC2:844MHz_CC1: 50@0 CC2: 50@0



3. Spurious Emission

3.1 Test Result

3.1.1 CA_5B_NTNV

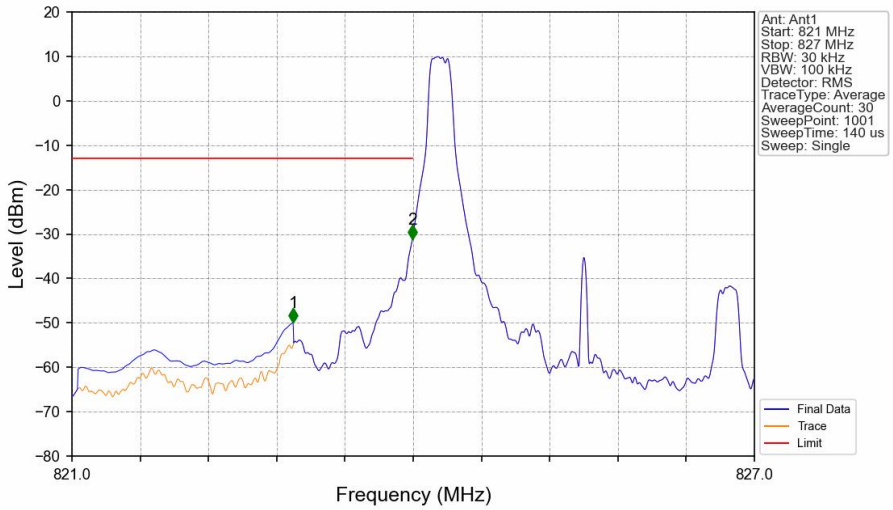
Band: CA_5B / NTNV								
BW (MHz)	Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
				CC1	CC2	Sum	Limit	
CC1:3 CC2:5	CC1: QPSK CC2: QPSK	CC1:825.5 CC2:829.4	CC1: 1@0 CC2: 1@0	Refer To Test Graph				Pass
			CC1: 15@0 CC2: 25@0	Refer To Test Graph				Pass
		CC1:842.6 CC2:846.5	CC1: 1@0 CC2: 1@0	Refer To Test Graph				Pass
			CC1: 1@14 CC2: 1@24	Refer To Test Graph				Pass
			CC1: 15@0 CC2: 25@0	Refer To Test Graph				Pass
	CC1: 16QAM CC2: 16QAM	CC1:825.5 CC2:829.4	CC1: 1@0 CC2: 1@0	Refer To Test Graph				Pass
			CC1: 15@0 CC2: 25@0	Refer To Test Graph				Pass
		CC1:842.6 CC2:846.5	CC1: 1@0 CC2: 1@0	Refer To Test Graph				Pass
			CC1: 1@14 CC2: 1@24	Refer To Test Graph				Pass
			CC1: 15@0 CC2: 25@0	Refer To Test Graph				Pass
CC1:5 CC2:3	CC1: QPSK CC2: QPSK	CC1:826.5 CC2:830.4	CC1: 1@0 CC2: 1@0	Refer To Test Graph				Pass
			CC1: 25@0 CC2: 15@0	Refer To Test Graph				Pass
		CC1:843.6 CC2:847.5	CC1: 1@0 CC2: 1@0	Refer To Test Graph				Pass
			CC1: 1@24 CC2: 1@14	Refer To Test Graph				Pass
			CC1: 25@0 CC2: 15@0	Refer To Test Graph				Pass
	CC1: 16QAM CC2: 16QAM	CC1:826.5 CC2:830.4	CC1: 1@0 CC2: 1@0	Refer To Test Graph				Pass
			CC1: 25@0 CC2: 15@0	Refer To Test Graph				Pass
		CC1:843.6 CC2:847.5	CC1: 1@0 CC2: 1@0	Refer To Test Graph				Pass
			CC1: 1@24 CC2: 1@14	Refer To Test Graph				Pass
			CC1: 25@0 CC2: 15@0	Refer To Test Graph				Pass
CC1:5 CC2:10	CC1: QPSK CC2: QPSK	CC1:826.5 CC2:833.7	CC1: 1@0 CC2: 1@0	Refer To Test Graph				Pass
			CC1: 25@0 CC2: 50@0	Refer To Test Graph				Pass
		CC1:836.8 CC2:844	CC1: 1@0 CC2: 1@0	Refer To Test Graph				Pass
			CC1: 1@24 CC2: 1@49	Refer To Test Graph				Pass
			CC1: 25@0 CC2: 50@0	Refer To Test Graph				Pass
	CC1:	CC1:826.5	CC1: 1@0	Refer To Test Graph				Pass

	16QAM CC2: 16QAM	CC2:833.7	CC2: 1@0		
			CC1: 25@0 CC2: 50@0	Refer To Test Graph	Pass
		CC1:836.8 CC2:844	CC1: 1@0 CC2: 1@0	Refer To Test Graph	Pass
			CC1: 1@24 CC2: 1@49	Refer To Test Graph	Pass
			CC1: 25@0 CC2: 50@0	Refer To Test Graph	Pass
CC1:10 CC2:5	CC1: QPSK CC2: QPSK	CC1:829 CC2:836.2	CC1: 1@0 CC2: 1@0	Refer To Test Graph	Pass
			CC1: 50@0 CC2: 25@0	Refer To Test Graph	Pass
		CC1:839.3 CC2:846.5	CC1: 1@0 CC2: 1@0	Refer To Test Graph	Pass
			CC1: 1@49 CC2: 1@24	Refer To Test Graph	Pass
			CC1: 50@0 CC2: 25@0	Refer To Test Graph	Pass
	CC1: 16QAM CC2: 16QAM	CC1:829 CC2:836.2	CC1: 1@0 CC2: 1@0	Refer To Test Graph	Pass
			CC1: 50@0 CC2: 25@0	Refer To Test Graph	Pass
		CC1:839.3 CC2:846.5	CC1: 1@0 CC2: 1@0	Refer To Test Graph	Pass
			CC1: 1@49 CC2: 1@24	Refer To Test Graph	Pass
			CC1: 50@0 CC2: 25@0	Refer To Test Graph	Pass
CC1:10 CC2:10	CC1: QPSK CC2: QPSK	CC1:829 CC2:838.9	CC1: 1@0 CC2: 1@0	Refer To Test Graph	Pass
			CC1: 50@0 CC2: 50@0	Refer To Test Graph	Pass
		CC1:834.1 CC2:844	CC1: 1@0 CC2: 1@0	Refer To Test Graph	Pass
			CC1: 1@49 CC2: 1@49	Refer To Test Graph	Pass
			CC1: 50@0 CC2: 50@0	Refer To Test Graph	Pass
	CC1: 16QAM CC2: 16QAM	CC1:829 CC2:838.9	CC1: 1@0 CC2: 1@0	Refer To Test Graph	Pass
			CC1: 50@0 CC2: 50@0	Refer To Test Graph	Pass
		CC1:834.1 CC2:844	CC1: 1@0 CC2: 1@0	Refer To Test Graph	Pass
			CC1: 1@49 CC2: 1@49	Refer To Test Graph	Pass
			CC1: 50@0 CC2: 50@0	Refer To Test Graph	Pass

3.2 Test Graph

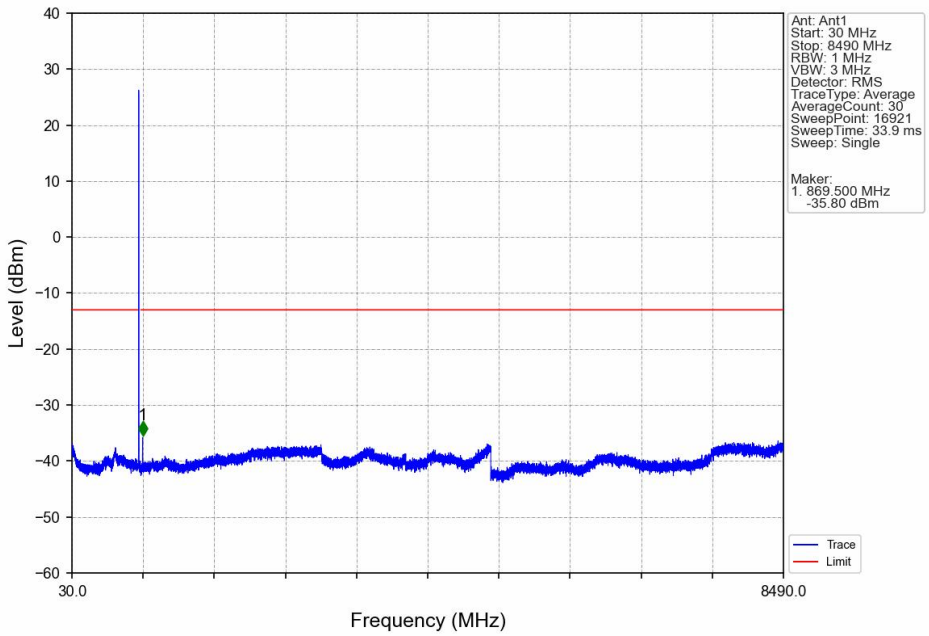
3.2.1 CA_5B_NTNV

CA_5B_SISO_NTNV_CC1:3 CC2:5MHz_CC1:QPSK CC2:QPSK_CC1:825.5 CC2:829.4MHz_CC1: 1@0 CC2: 1@0

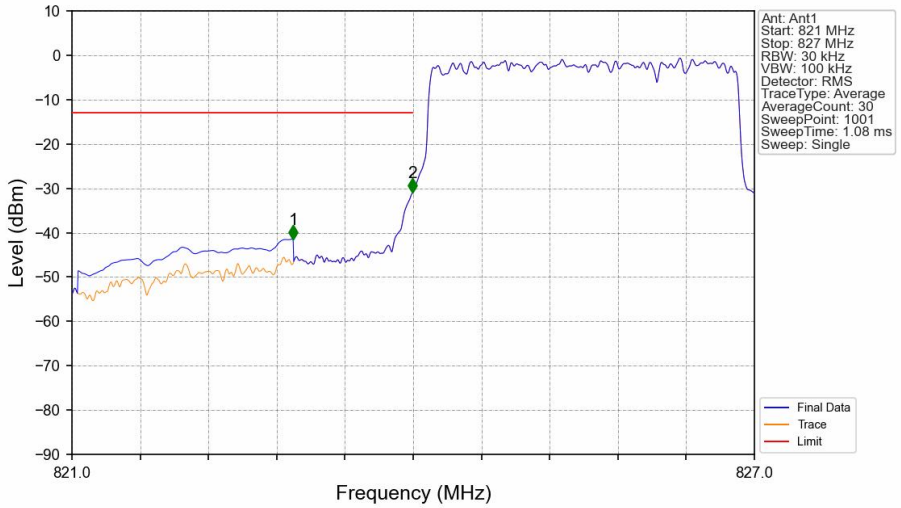


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.944	-49.93	-13	Pass
823	824	0.03	/	2	823.994	-31.11	-13	Pass
824	827	0.03	/	/	/	/	/	/

CA_5B_SISO_NTNV_CC1:3 CC2:5MHz_CC1:QPSK CC2:QPSK_CC1:825.5 CC2:829.4MHz_CC1: 1@0 CC2: 1@0

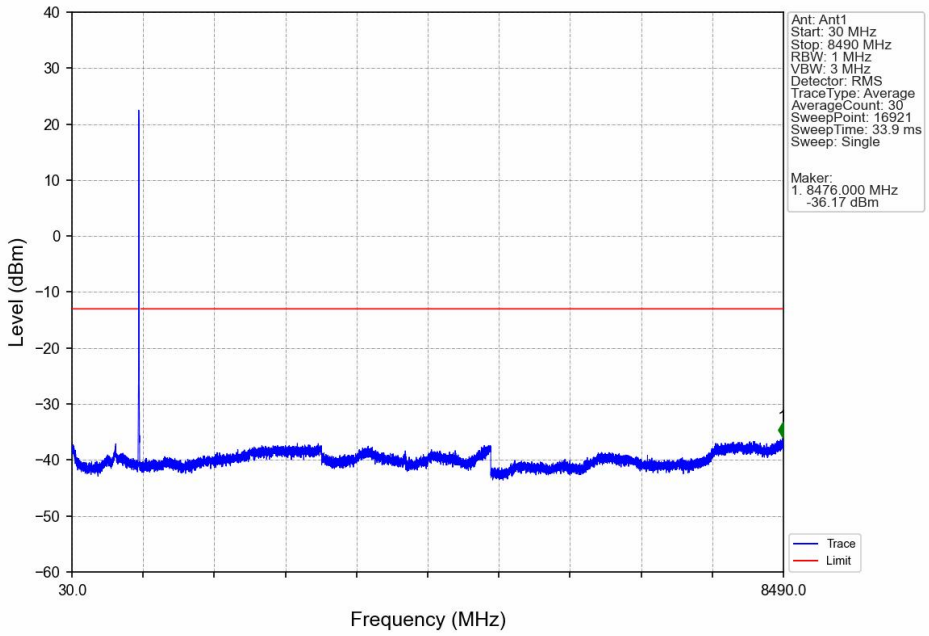


CA_5B_SISO_NTNV_CC1:3 CC2:5MHz_CC1:QPSK CC2:QPSK_CC1:825.5 CC2:829.4MHz_CC1: 15@0 CC2: 25@0

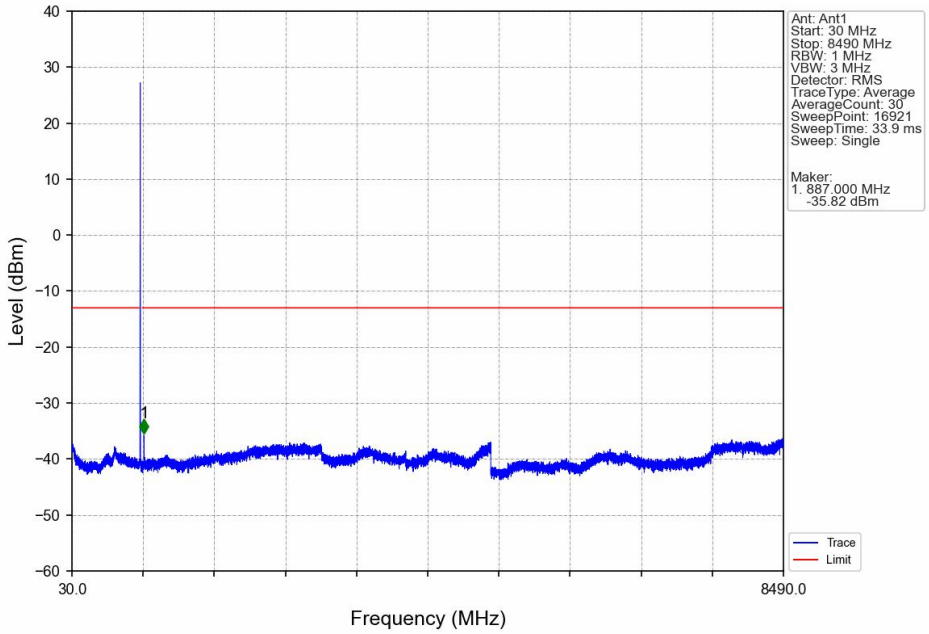


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.944	-41.44	-13	Pass
823	824	0.03	/	2	823.994	-30.92	-13	Pass
824	827	0.03	/	/	/	/	/	/

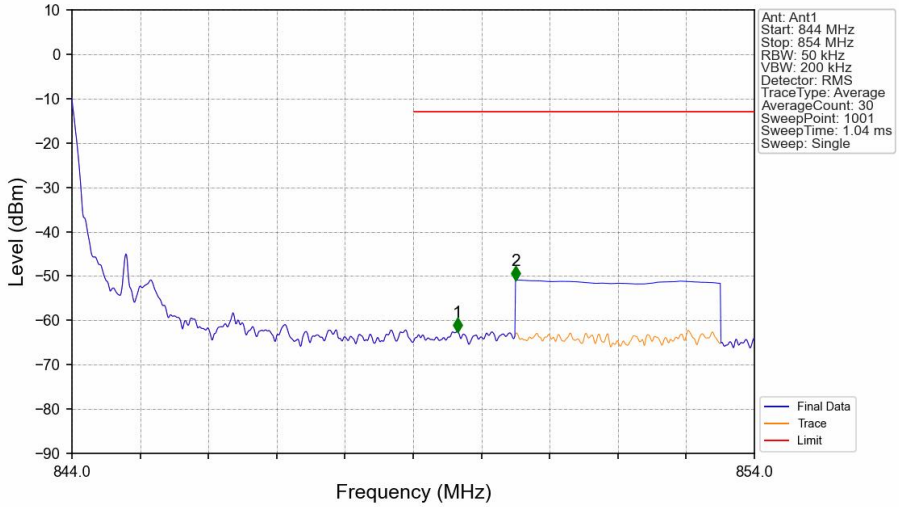
CA_5B_SISO_NTNV_CC1:3 CC2:5MHz_CC1:QPSK CC2:QPSK_CC1:825.5 CC2:829.4MHz_CC1: 15@0 CC2: 25@0



CA_5B_SISO_NTNV_CC1:3 CC2:5MHz_CC1:QPSK CC2:QPSK_CC1:842.6 CC2:846.5MHz_CC1: 1@0 CC2: 1@0

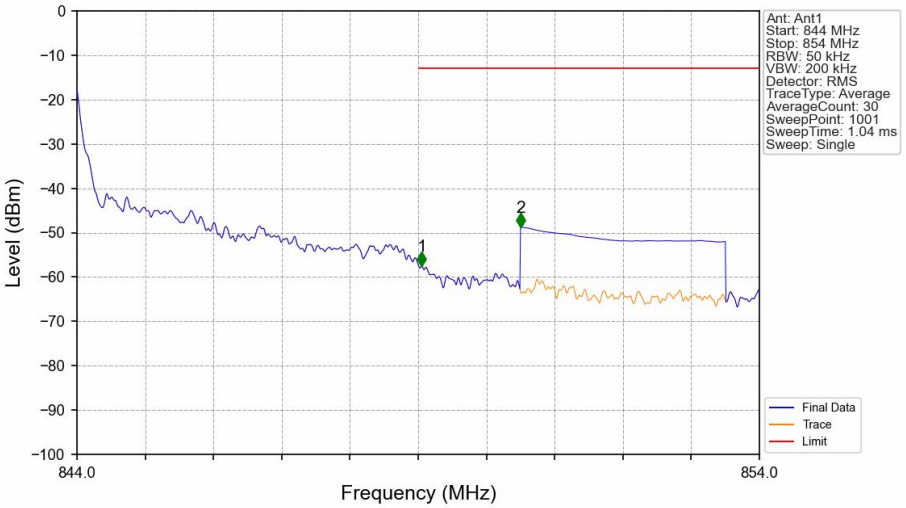


CA_5B_SISO_NTNV_CC1:3 CC2:5MHz_CC1:QPSK CC2:QPSK_CC1:842.6 CC2:846.5MHz_CC1: 1@14 CC2: 1@24



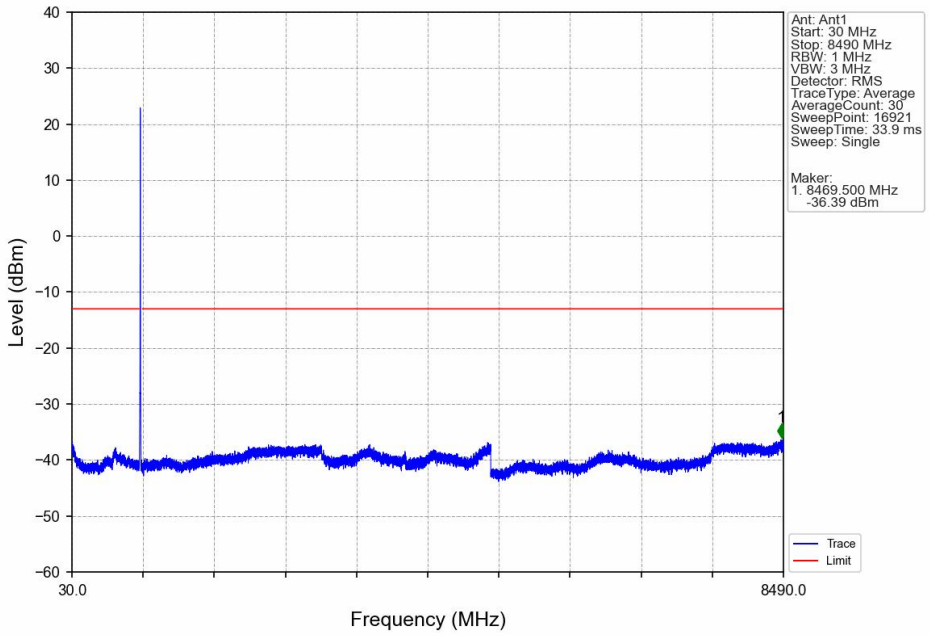
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.05	/	/	/	/	/	/
849	850	0.05	/	1	849.650	-62.57	-13	Pass
850	854	1	CHP	2	850.500	-50.91	-13	Pass

CA_5B_SISO_NTNV_CC1:3 CC2:5MHz_CC1:QPSK CC2:QPSK_CC1:842.6 CC2:846.5MHz_CC1: 15@0 CC2: 25@0

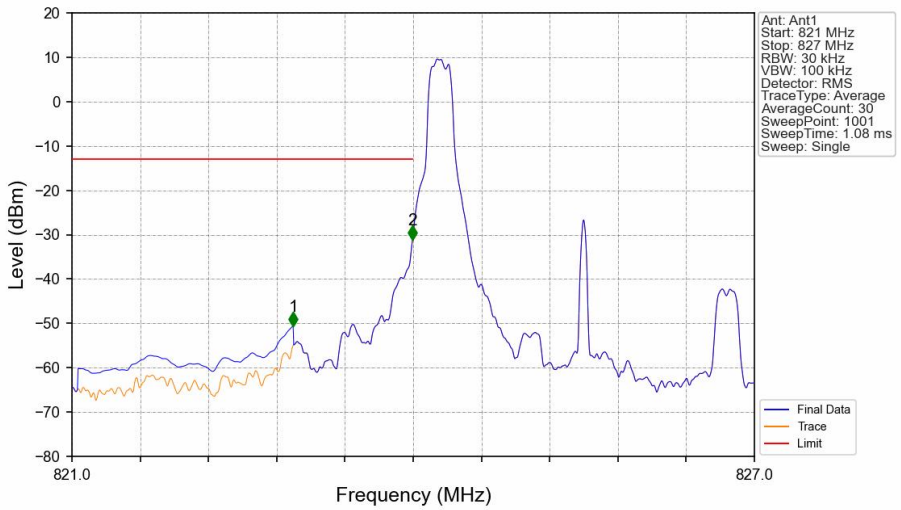


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.05	/	/	/	/	/	/
849	850	0.05	/	1	849.050	-57.43	-13	Pass
850	854	1	CHP	2	850.500	-48.72	-13	Pass

CA_5B_SISO_NTNV_CC1:3 CC2:5MHz_CC1:QPSK CC2:QPSK_CC1:842.6 CC2:846.5MHz_CC1: 15@0 CC2: 25@0

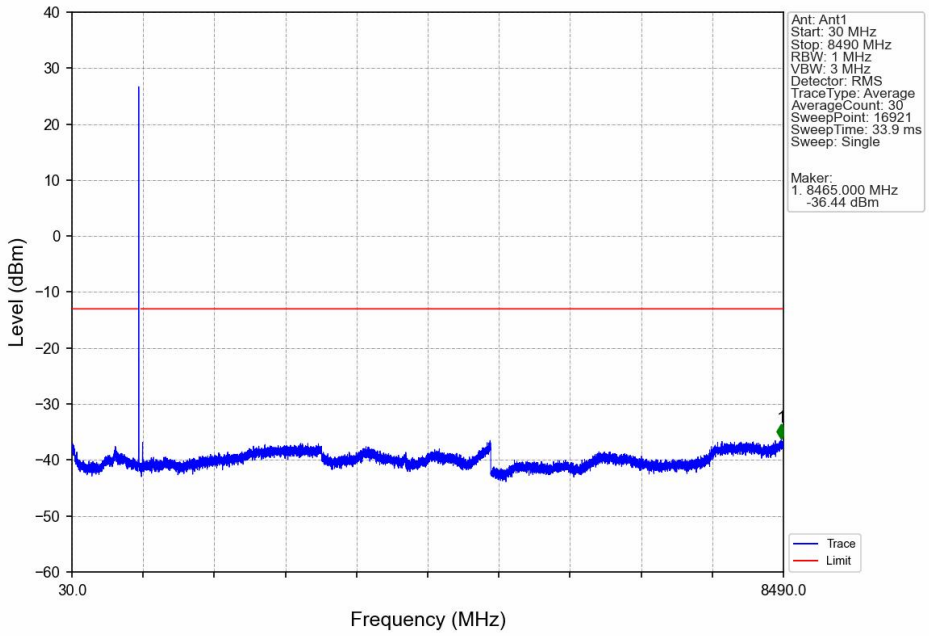


CA_5B_SISO_NTNV_CC1:3 CC2:5MHz_CC1:16QAM CC2:16QAM_CC1:825.5 CC2:829.4MHz_CC1: 1@0 CC2: 1@0

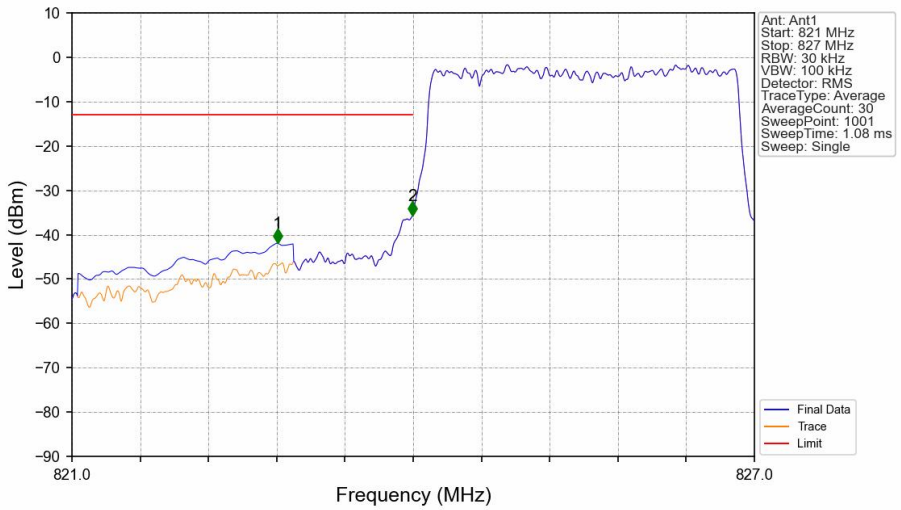


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.944	-50.58	-13	Pass
823	824	0.03	/	2	823.994	-31.19	-13	Pass
824	827	0.03	/	/	/	/	/	/

CA_5B_SISO_NTNV_CC1:3 CC2:5MHz_CC1:16QAM CC2:16QAM_CC1:825.5 CC2:829.4MHz_CC1: 1@0 CC2: 1@0

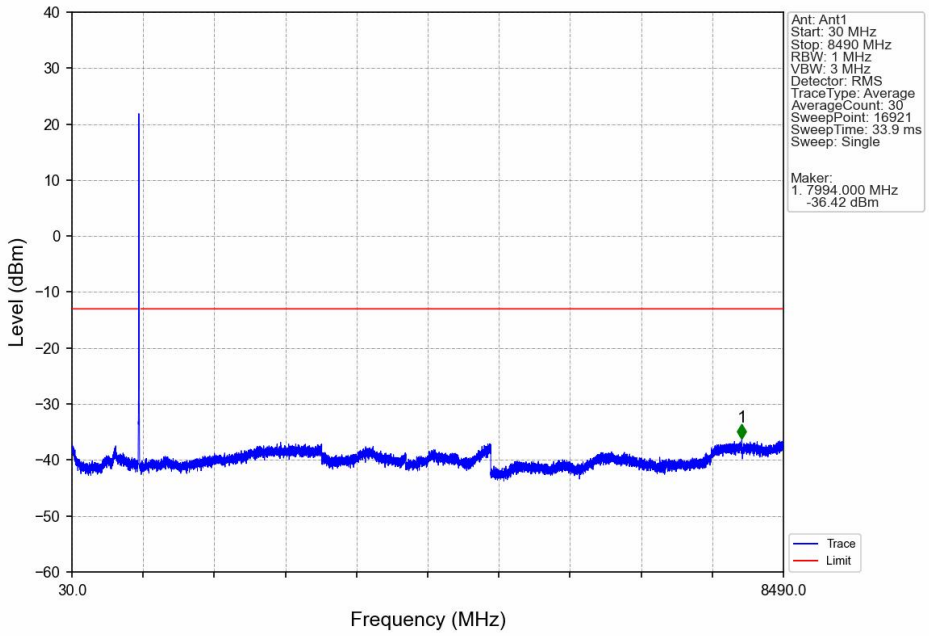


CA_5B_SISO_NTNV_CC1:3 CC2:5MHz_CC1:16QAM CC2:16QAM_CC1:825.5 CC2:829.4MHz_CC1: 15@0 CC2: 25@0

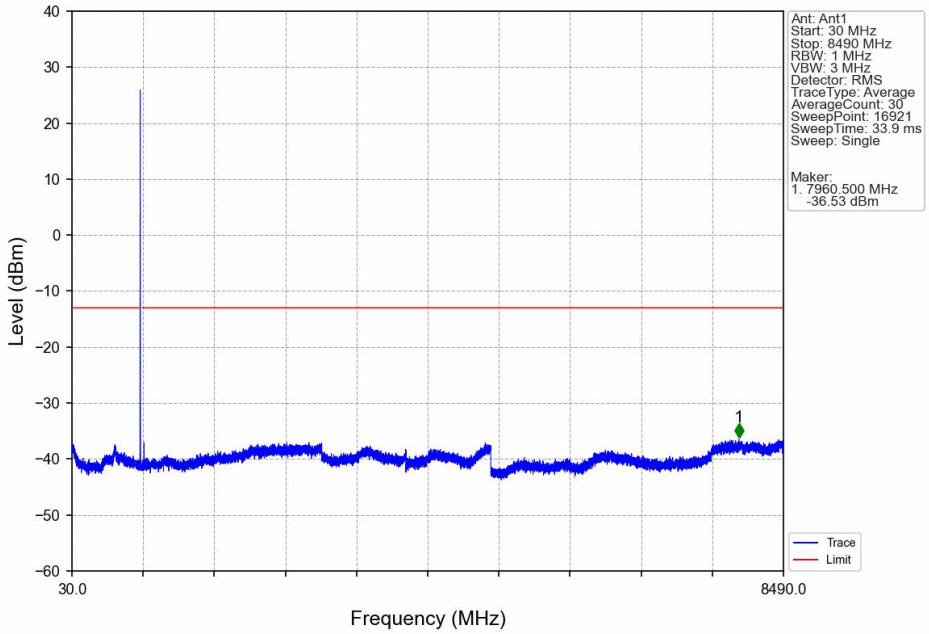


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.806	-41.93	-13	Pass
823	824	0.03	/	2	823.994	-35.73	-13	Pass
824	827	0.03	/	/	/	/	/	/

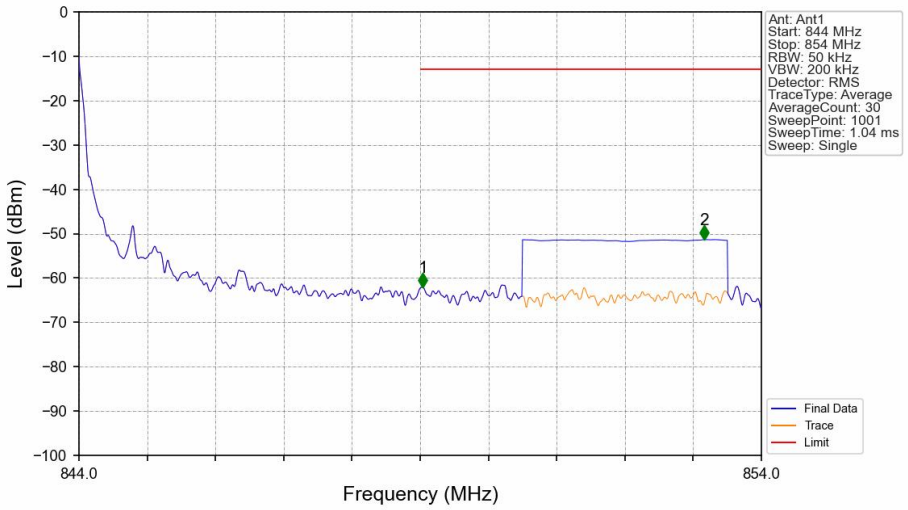
CA_5B_SISO_NTNV_CC1:3 CC2:5MHz_CC1:16QAM CC2:16QAM_CC1:825.5 CC2:829.4MHz_CC1: 15@0 CC2: 25@0



CA_5B_SISO_NTNV_CC1:3 CC2:5MHz_CC1:16QAM CC2:16QAM_CC1:842.6 CC2:846.5MHz_CC1: 1@0 CC2: 1@0

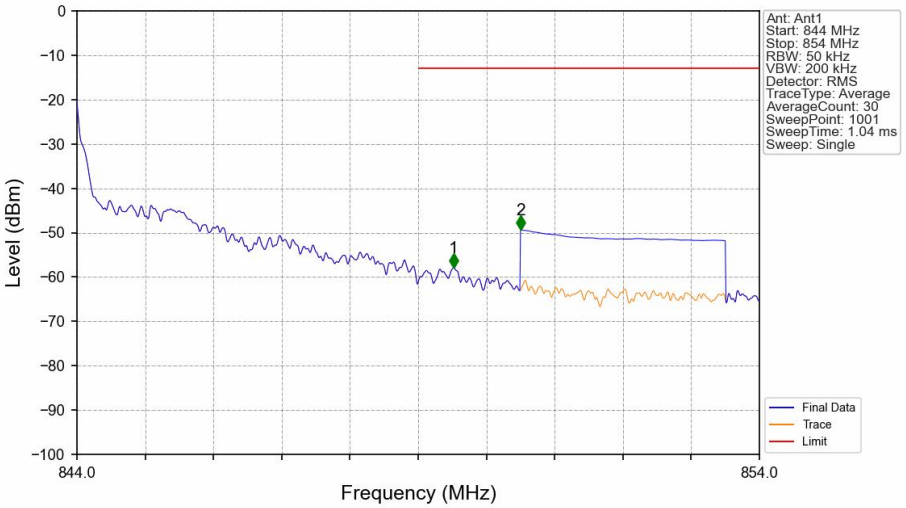


CA_5B_SISO_NTNV_CC1:3 CC2:5MHz_CC1:16QAM CC2:16QAM_CC1:842.6 CC2:846.5MHz_CC1: 1@14 CC2: 1@24



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.05	/	/	/	/	/	/
849	850	0.05	/	1	849.040	-62.08	-13	Pass
850	854	1	CHP	2	853.160	-51.34	-13	Pass

CA_5B_SISO_NTNV_CC1:3 CC2:5MHz_CC1:16QAM CC2:16QAM_CC1:842.6 CC2:846.5MHz_CC1: 15@0 CC2: 25@0



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.05	/	/	/	/	/	/
849	850	0.05	/	1	849.520	-57.91	-13	Pass
850	854	1	CHP	2	850.500	-49.36	-13	Pass

CA_5B_SISO_NTNV_CC1:3 CC2:5MHz_CC1:16QAM CC2:16QAM_CC1:842.6 CC2:846.5MHz_CC1: 15@0 CC2: 25@0