1. Effective (Isotropic) Radiated Power Output Data

1.1 B5_1.4MHz_ERP

1.1.1 Test Result

Band: 5 / Bandwidth: 1.4MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	824.7	1	0	22.34	-4.69	15.50	<=38.45	Pass
			2	22.76	-4.69	15.92	<=38.45	Pass
			5	22.50	-4.69	15.66	<=38.45	Pass
		3	0	22.46	-4.69	15.62	<=38.45	Pass
			2	22.69	-4.69	15.85	<=38.45	Pass
			3	22.79	-4.69	15.95	<=38.45	Pass
		6	0	21.74	-4.69	14.90	<=38.45	Pass
	836.5	1	0	22.64	-4.69	15.80	<=38.45	Pass
			2	22.61	-4.69	15.77	<=38.45	Pass
			5	22.62	-4.69	15.78	<=38.45	Pass
		3	0	22.79	-4.69	15.95	<=38.45	Pass
			2	22.52	-4.69	15.68	<=38.45	Pass
			3	22.63	-4.69	15.79	<=38.45	Pass
		6	0	21.73	-4.69	14.89	<=38.45	Pass
	848.3	1	0	22.64	-4.69	15.80	<=38.45	Pass
			2	22.71	-4.69	15.87	<=38.45	Pass
			5	22.68	-4.69	15.84	<=38.45	Pass
		3	0	22.64	-4.69	15.80	<=38.45	Pass
			2	22.65	-4.69	15.81	<=38.45	Pass
			3	22.58	-4.69	15.74	<=38.45	Pass
		6	0	21.66	-4.69	14.82	<=38.45	Pass
16QAM	824.7	1	0	21.68	-4.69	14.84	<=38.45	Pass
			2	21.55	-4.69	14.71	<=38.45	Pass
			5	21.35	-4.69	14.51	<=38.45	Pass
		3	0	21.92	-4.69	15.08	<=38.45	Pass
			2	21.85	-4.69	15.01	<=38.45	Pass
			3	21.72	-4.69	14.88	<=38.45	Pass
		6	0	20.49	-4.69	13.65	<=38.45	Pass
	836.5	1	0	22.37	-4.69	15.53	<=38.45	Pass
			2	22.32	-4.69	15.48	<=38.45	Pass
			5	22.37	-4.69	15.53	<=38.45	Pass
		3	0	22.00	-4.69	15.16	<=38.45	Pass
			2	21.69	-4.69	14.85	<=38.45	Pass
			3	21.65	-4.69	14.81	<=38.45	Pass
		6	0	20.70	-4.69	13.86	<=38.45	Pass
	848.3	1	0	21.95	-4.69	15.11	<=38.45	Pass
			2	21.93	-4.69	15.09	<=38.45	Pass
			5	21.78	-4.69	14.94	<=38.45	Pass
		3	0	21.65	-4.69	14.81	<=38.45	Pass
			2	21.77	-4.69	14.93	<=38.45	Pass
			3	21.72	-4.69	14.88	<=38.45	Pass
		6	0	20.51	-4.69	13.67	<=38.45	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.2 B5_3MHz_ERP

1.2.1 Test Result

Band: 5 / Bandwidth: 3MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	825.5	1	0	22.49	-4.69	15.65	<=38.45	Pass
			7	22.72	-4.69	15.88	<=38.45	Pass
			14	22.55	-4.69	15.71	<=38.45	Pass
		8	0	21.69	-4.69	14.85	<=38.45	Pass
			4	21.78	-4.69	14.94	<=38.45	Pass
			7	21.77	-4.69	14.93	<=38.45	Pass
		15	0	21.89	-4.69	15.05	<=38.45	Pass
	836.5	1	0	22.59	-4.69	15.75	<=38.45	Pass
			7	22.74	-4.69	15.90	<=38.45	Pass
			14	22.70	-4.69	15.86	<=38.45	Pass
		8	0	21.75	-4.69	14.91	<=38.45	Pass
			4	21.64	-4.69	14.80	<=38.45	Pass
			7	21.68	-4.69	14.84	<=38.45	Pass
		15	0	21.75	-4.69	14.91	<=38.45	Pass
	847.5	1	0	22.47	-4.69	15.63	<=38.45	Pass
			7	22.65	-4.69	15.81	<=38.45	Pass
			14	22.54	-4.69	15.70	<=38.45	Pass
		8	0	21.57	-4.69	14.73	<=38.45	Pass
			4	21.68	-4.69	14.84	<=38.45	Pass
			7	21.63	-4.69	14.79	<=38.45	Pass
		15	0	21.53	-4.69	14.69	<=38.45	Pass
16QAM	825.5	1	0	21.98	-4.69	15.14	<=38.45	Pass
			7	22.25	-4.69	15.41	<=38.45	Pass
			14	21.92	-4.69	15.08	<=38.45	Pass
		8	0	20.86	-4.69	14.02	<=38.45	Pass
			4	20.88	-4.69	14.04	<=38.45	Pass
			7	21.17	-4.69	14.33	<=38.45	Pass
		15	0	20.81	-4.69	13.97	<=38.45	Pass
	836.5	1	0	21.76	-4.69	14.92	<=38.45	Pass
			7	21.50	-4.69	14.66	<=38.45	Pass
			14	21.56	-4.69	14.72	<=38.45	Pass
		8	0	20.70	-4.69	13.86	<=38.45	Pass
			4	20.69	-4.69	13.80	<=38.45	Pass
			7	20.73	-4.69	13.89	<=38.45	Pass
		15	0	20.72	-4.69	13.88	<=38.45	Pass
	847.5	1	0	21.98	-4.69	15.14	<=38.45	Pass
			7	22.27	-4.69	15.43	<=38.45	Pass
			14	22.02	-4.69	15.18	<=38.45	Pass
		8	0	20.50	-4.69	13.66	<=38.45	Pass
			4	20.61	-4.69	13.77	<=38.45	Pass
			7	20.57	-4.69	13.73	<=38.45	Pass
		15	0	20.53	-4.69	13.69	<=38.45	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.3 B5_5MHz_ERP

1.3.1 Test Result

Band: 5 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	826.5	1	0	22.25	-4.69	15.41	<=38.45	Pass
			13	22.41	-4.69	15.57	<=38.45	Pass
			24	22.56	-4.69	15.72	<=38.45	Pass
		12	0	21.76	-4.69	14.92	<=38.45	Pass
			6	21.72	-4.69	14.88	<=38.45	Pass
			13	21.72	-4.69	14.88	<=38.45	Pass
		25	0	21.70	-4.69	14.86	<=38.45	Pass
	836.5	1	0	22.34	-4.69	15.50	<=38.45	Pass
			13	22.58	-4.69	15.74	<=38.45	Pass
			24	22.45	-4.69	15.61	<=38.45	Pass
		12	0	21.71	-4.69	14.87	<=38.45	Pass
			6	21.69	-4.69	14.85	<=38.45	Pass
			13	21.69	-4.69	14.85	<=38.45	Pass
		25	0	21.70	-4.69	14.86	<=38.45	Pass
	846.5	1	0	22.27	-4.69	15.43	<=38.45	Pass
			13	22.56	-4.69	15.72	<=38.45	Pass
			24	22.29	-4.69	15.45	<=38.45	Pass
		12	0	21.68	-4.69	14.84	<=38.45	Pass
			6	21.62	-4.69	14.78	<=38.45	Pass
			13	21.70	-4.69	14.86	<=38.45	Pass
		25	0	21.61	-4.69	14.77	<=38.45	Pass
16QAM	826.5	1	0	20.75	-4.69	13.91	<=38.45	Pass
			13	20.81	-4.69	13.97	<=38.45	Pass
			24	21.10	-4.69	14.26	<=38.45	Pass
		12	0	20.80	-4.69	13.96	<=38.45	Pass
			6	20.75	-4.69	13.91	<=38.45	Pass
			13	20.66	-4.69	13.82	<=38.45	Pass
		25	0	20.88	-4.69	14.04	<=38.45	Pass
	836.5	1	0	21.55	-4.69	14.71	<=38.45	Pass
			13	21.54	-4.69	14.70	<=38.45	Pass
			24	21.57	-4.69	14.73	<=38.45	Pass
		12	0	20.77	-4.69	13.93	<=38.45	Pass
			6	20.85	-4.69	14.01	<=38.45	Pass
			13	20.58	-4.69	13.74	<=38.45	Pass
		25	0	20.74	-4.69	13.90	<=38.45	Pass
	846.5	1	0	22.07	-4.69	15.23	<=38.45	Pass
			13	22.38	-4.69	15.54	<=38.45	Pass
			24	22.07	-4.69	15.23	<=38.45	Pass
		12	0	20.60	-4.69	13.76	<=38.45	Pass
			6	20.59	-4.69	13.75	<=38.45	Pass
			13	20.57	-4.69	13.73	<=38.45	Pass
		25	0	20.62	-4.69	13.78	<=38.45	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.4 B5_10MHz_ERP

1.4.1 Test Result

Band: 5 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	829	1	0	22.56	-4.69	15.72	<=38.45	Pass
			25	22.63	-4.69	15.79	<=38.45	Pass
			49	22.55	-4.69	15.71	<=38.45	Pass
		25	0	21.81	-4.69	14.97	<=38.45	Pass
			13	21.76	-4.69	14.92	<=38.45	Pass
			25	21.76	-4.69	14.92	<=38.45	Pass
		50	0	21.74	-4.69	14.90	<=38.45	Pass
	836.5	1	0	22.69	-4.69	15.85	<=38.45	Pass
			25	22.83	-4.69	15.99	<=38.45	Pass
			49	22.74	-4.69	15.90	<=38.45	Pass
		25	0	21.76	-4.69	14.92	<=38.45	Pass
			13	21.74	-4.69	14.90	<=38.45	Pass
			25	21.76	-4.69	14.92	<=38.45	Pass
		50	0	21.72	-4.69	14.88	<=38.45	Pass
	844	1	0	22.78	-4.69	15.94	<=38.45	Pass
			25	23.06	-4.69	16.22	<=38.45	Pass
			49	22.50	-4.69	15.66	<=38.45	Pass
		25	0	21.77	-4.69	14.93	<=38.45	Pass
			13	21.70	-4.69	14.86	<=38.45	Pass
			25	21.70	-4.69	14.86	<=38.45	Pass
		50	0	21.71	-4.69	14.87	<=38.45	Pass
16QAM	829	1	0	22.13	-4.69	15.29	<=38.45	Pass
			25	22.21	-4.69	15.37	<=38.45	Pass
			49	21.38	-4.69	14.54	<=38.45	Pass
		25	0	20.89	-4.69	14.05	<=38.45	Pass
			13	20.86	-4.69	14.02	<=38.45	Pass
			25	20.78	-4.69	13.94	<=38.45	Pass
		50	0	20.72	-4.69	13.88	<=38.45	Pass
	836.5	1	0	21.63	-4.69	14.79	<=38.45	Pass
			25	21.59	-4.69	14.75	<=38.45	Pass
			49	21.49	-4.69	14.65	<=38.45	Pass
		25	0	21.00	-4.69	14.16	<=38.45	Pass
			13	20.99	-4.69	14.15	<=38.45	Pass
			25	21.00	-4.69	14.16	<=38.45	Pass
		50	0	20.72	-4.69	13.88	<=38.45	Pass
	844	1	0	22.20	-4.69	15.36	<=38.45	Pass
			25	22.13	-4.69	15.29	<=38.45	Pass
			49	22.04	-4.69	15.20	<=38.45	Pass
		25	0	20.93	-4.69	14.09	<=38.45	Pass
			13	20.93	-4.69	14.09	<=38.45	Pass
			25	20.81	-4.69	13.97	<=38.45	Pass
		50	0	20.65	-4.69	13.81	<=38.45	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

2. Frequency Stability

2.1 B5_10MHz

2.1.1 Test Result

Band: 5 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	829	50	0	20	3.60	-0.100	-0.0001	-2.5 to 2.5	Pass
					3.80	0.730	0.0009	-2.5 to 2.5	Pass
					4.35	0.501	0.0006	-2.5 to 2.5	Pass
				-30	3.80	0.587	0.0007	-2.5 to 2.5	Pass
				-20	3.80	-0.358	-0.0004	-2.5 to 2.5	Pass
				-10	3.80	-0.072	-0.0001	-2.5 to 2.5	Pass
				0	3.80	-0.429	-0.0005	-2.5 to 2.5	Pass
				10	3.80	0.215	0.0003	-2.5 to 2.5	Pass
				30	3.80	-0.057	-0.0001	-2.5 to 2.5	Pass
				40	3.80	-0.386	-0.0005	-2.5 to 2.5	Pass
				50	3.80	-0.229	-0.0003	-2.5 to 2.5	Pass
	836.5	50	0	20	3.60	-0.100	-0.0001	-2.5 to 2.5	Pass
					3.80	-0.501	-0.0006	-2.5 to 2.5	Pass
					4.35	-0.901	-0.0011	-2.5 to 2.5	Pass
				-30	3.80	-0.257	-0.0003	-2.5 to 2.5	Pass
				-20	3.80	0.243	0.0003	-2.5 to 2.5	Pass
				-10	3.80	-0.286	-0.0003	-2.5 to 2.5	Pass
				0	3.80	-0.100	-0.0001	-2.5 to 2.5	Pass
				10	3.80	-0.215	-0.0003	-2.5 to 2.5	Pass
				30	3.80	-0.257	-0.0003	-2.5 to 2.5	Pass
				40	3.80	-0.157	-0.0002	-2.5 to 2.5	Pass
				50	3.80	-0.873	-0.0010	-2.5 to 2.5	Pass
	844	50	0	20	3.60	0.358	0.0004	-2.5 to 2.5	Pass
					3.80	1.287	0.0015	-2.5 to 2.5	Pass
					4.35	-0.029	0.0000	-2.5 to 2.5	Pass
				-30	3.80	0.300	0.0004	-2.5 to 2.5	Pass
				-20	3.80	0.043	0.0001	-2.5 to 2.5	Pass
				-10	3.80	0.544	0.0006	-2.5 to 2.5	Pass
				0	3.80	0.801	0.0009	-2.5 to 2.5	Pass
				10	3.80	0.887	0.0011	-2.5 to 2.5	Pass
				30	3.80	0.830	0.0010	-2.5 to 2.5	Pass
				40	3.80	-0.443	-0.0005	-2.5 to 2.5	Pass
				50	3.80	-0.243	-0.0003	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

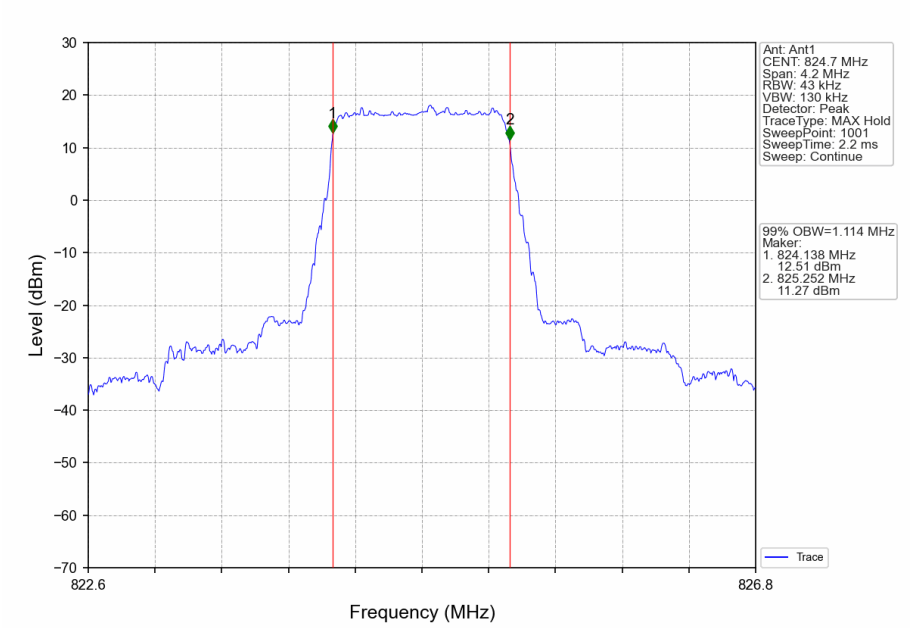
3.1 Band5_OBW

3.1.1 Test Result

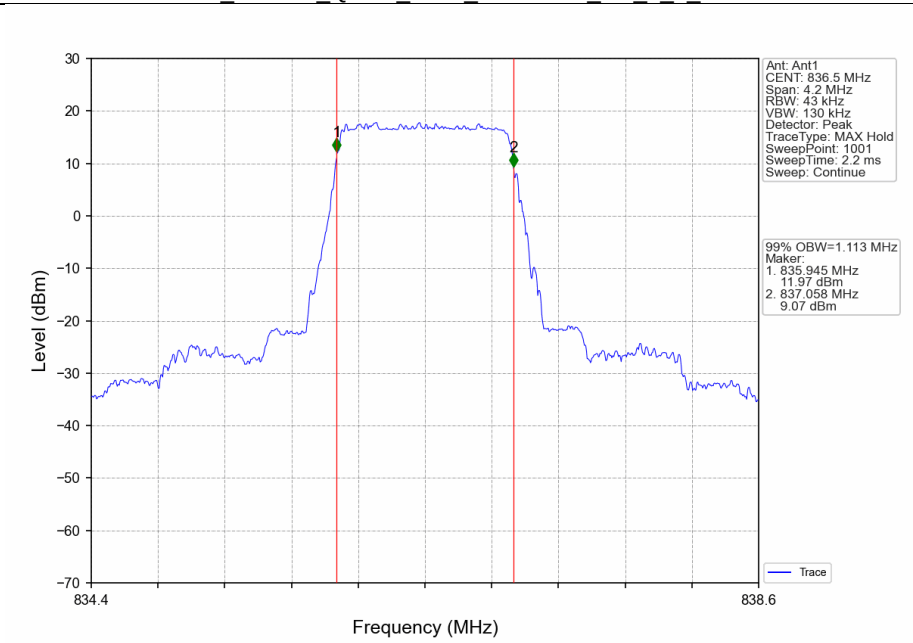
Band: 5 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	824.7	6	0	1.114	/	Pass
		836.5	6	0	1.113	/	Pass
		848.3	6	0	1.107	/	Pass
	16QAM	824.7	6	0	1.109	/	Pass
		836.5	6	0	1.112	/	Pass
		848.3	6	0	1.120	/	Pass
3	QPSK	825.5	15	0	2.736	/	Pass
		836.5	15	0	2.746	/	Pass
		847.5	15	0	2.747	/	Pass
	16QAM	825.5	15	0	2.751	/	Pass
		836.5	15	0	2.737	/	Pass
		847.5	15	0	2.725	/	Pass
5	QPSK	826.5	25	0	4.557	/	Pass
		836.5	25	0	4.543	/	Pass
		846.5	25	0	4.539	/	Pass
	16QAM	826.5	25	0	4.535	/	Pass
		836.5	25	0	4.568	/	Pass
		846.5	25	0	4.545	/	Pass
10	QPSK	829	50	0	9.028	/	Pass
		836.5	50	0	9.054	/	Pass
		844	50	0	9.045	/	Pass
	16QAM	829	50	0	9.053	/	Pass
		836.5	50	0	9.018	/	Pass
		844	50	0	9.014	/	Pass

3.1.2 Test Graph

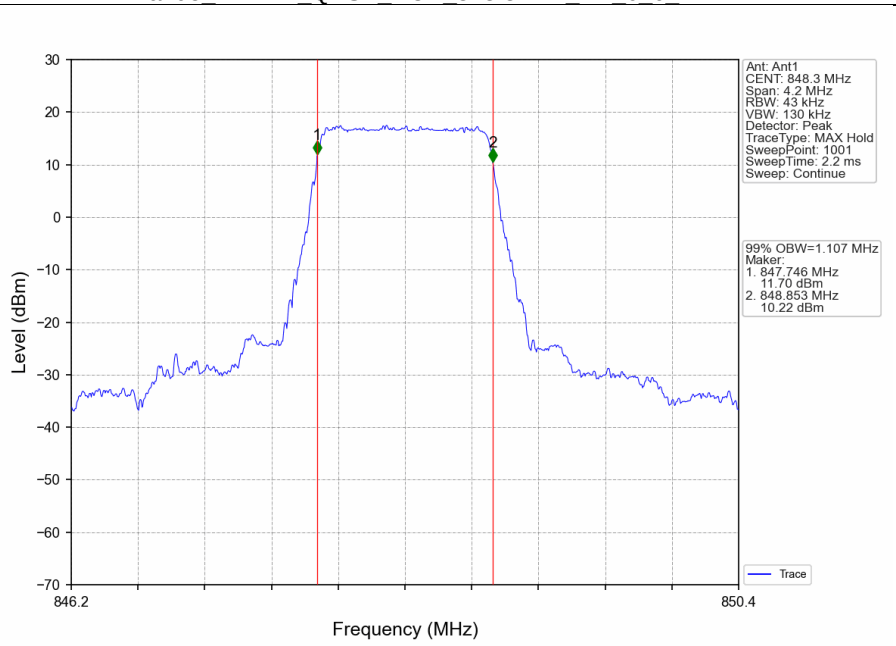
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



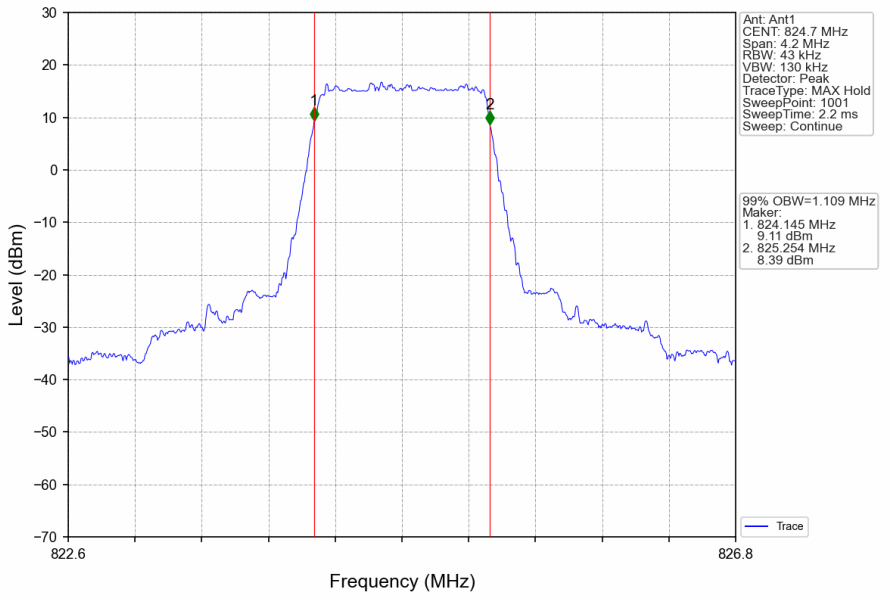
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV



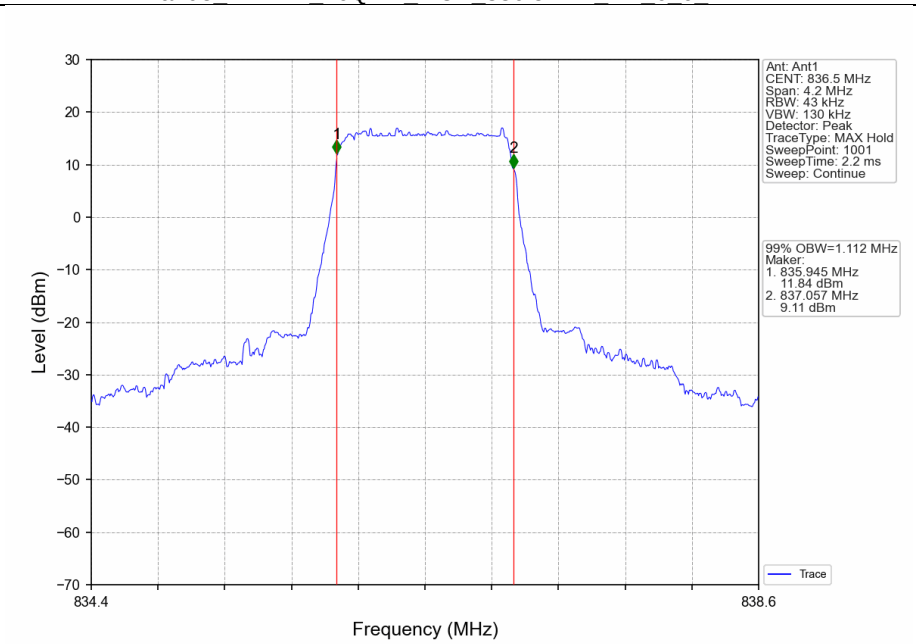
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



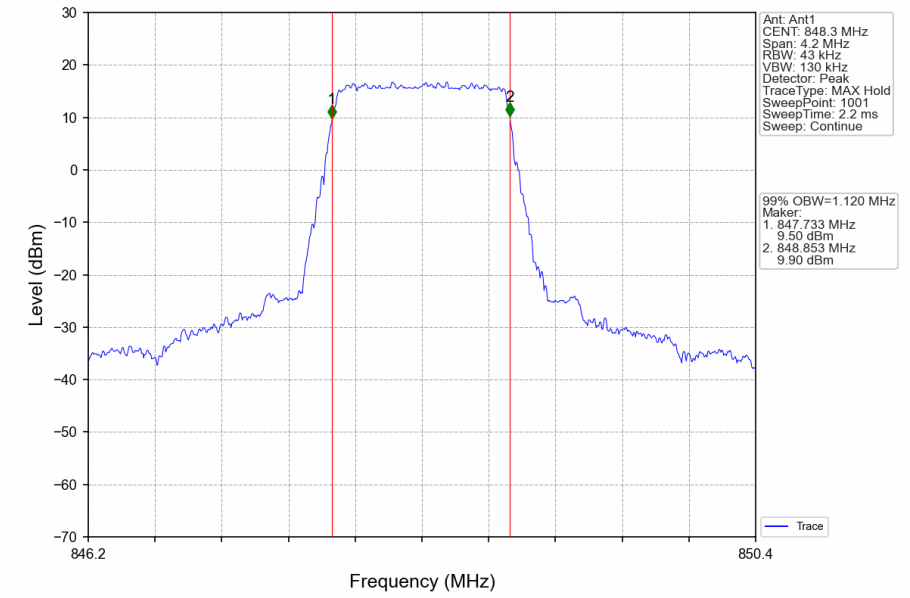
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



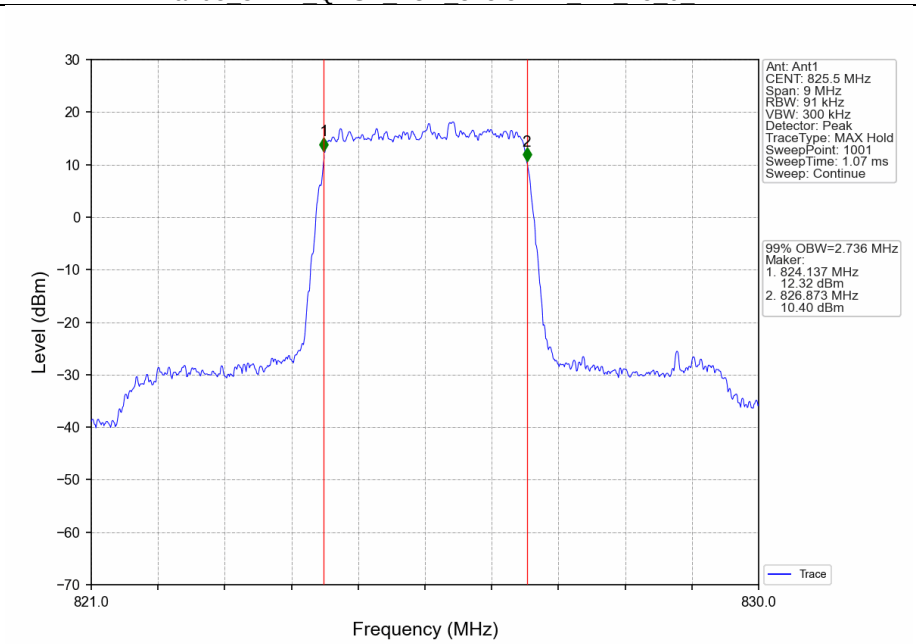
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



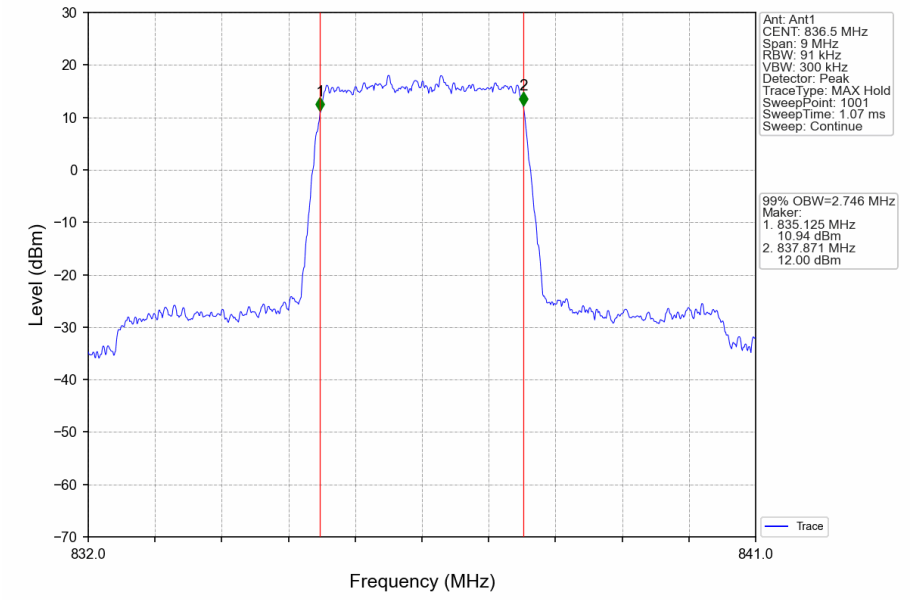
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



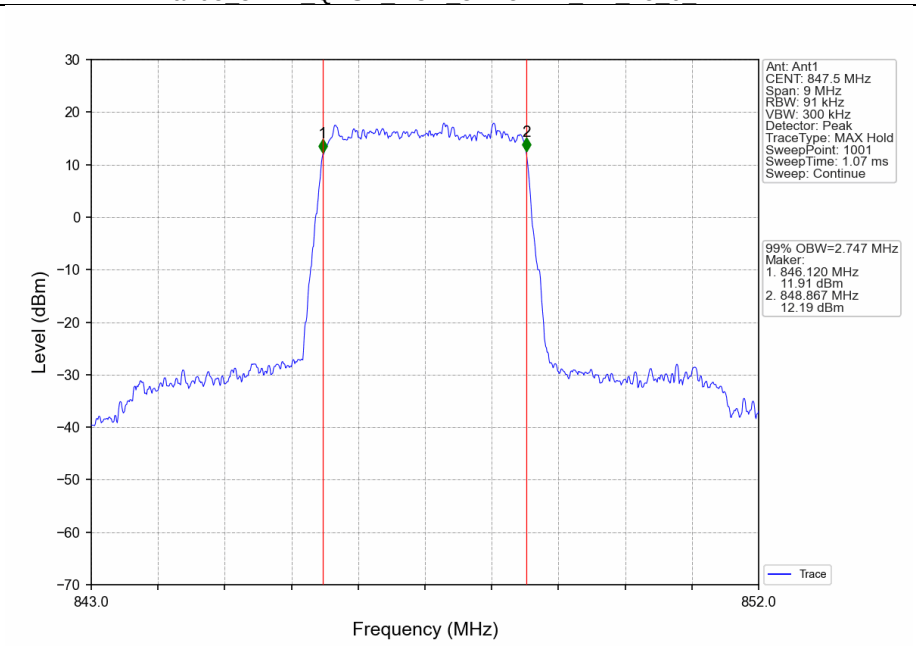
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



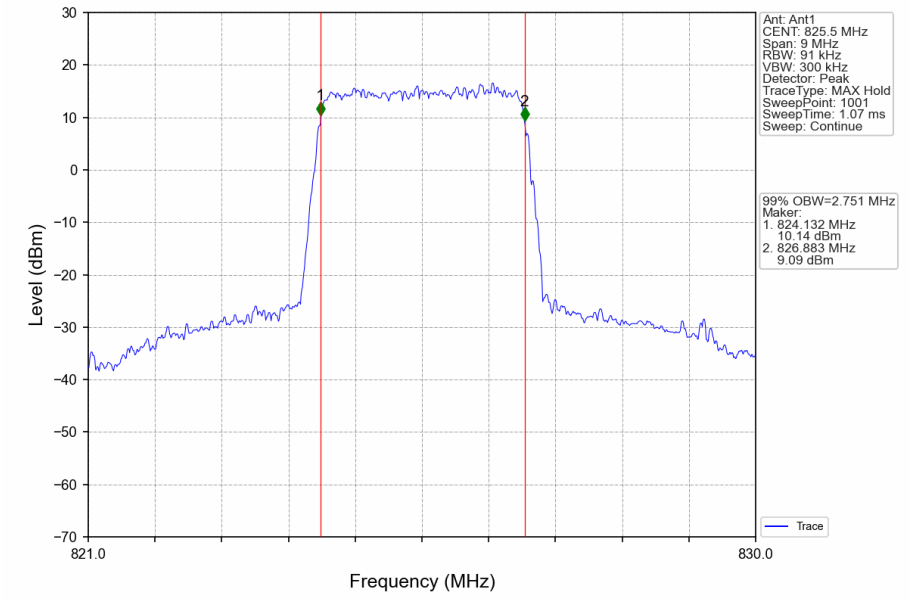
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



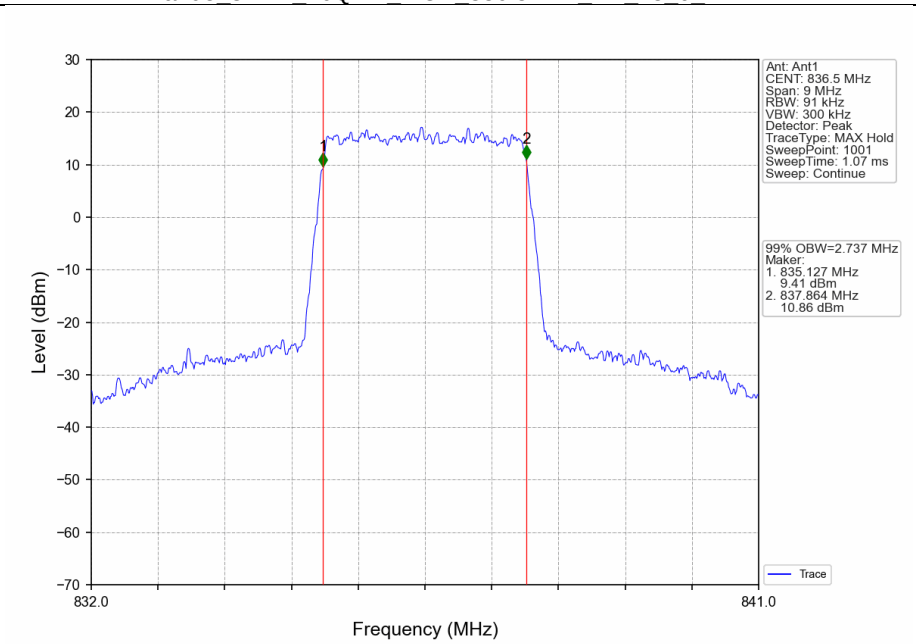
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



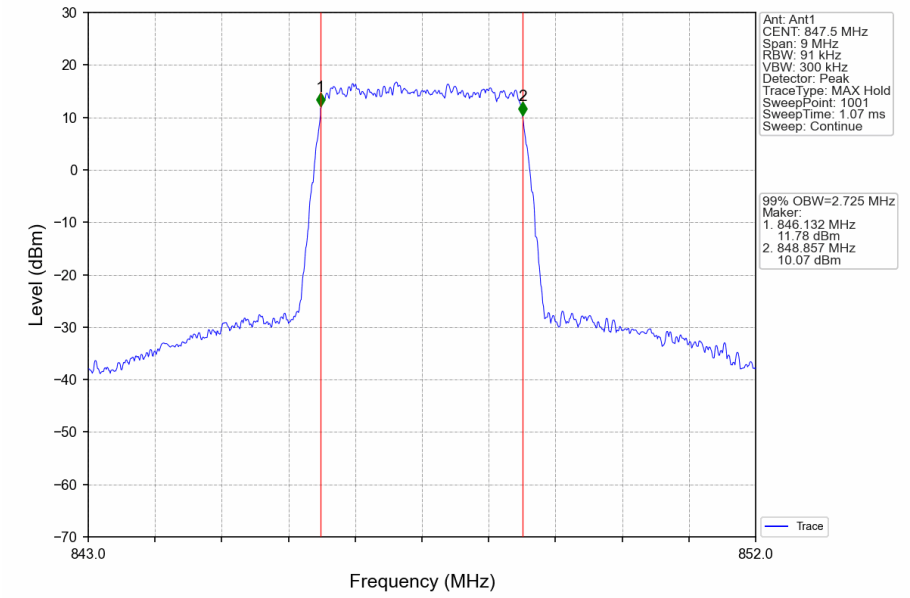
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



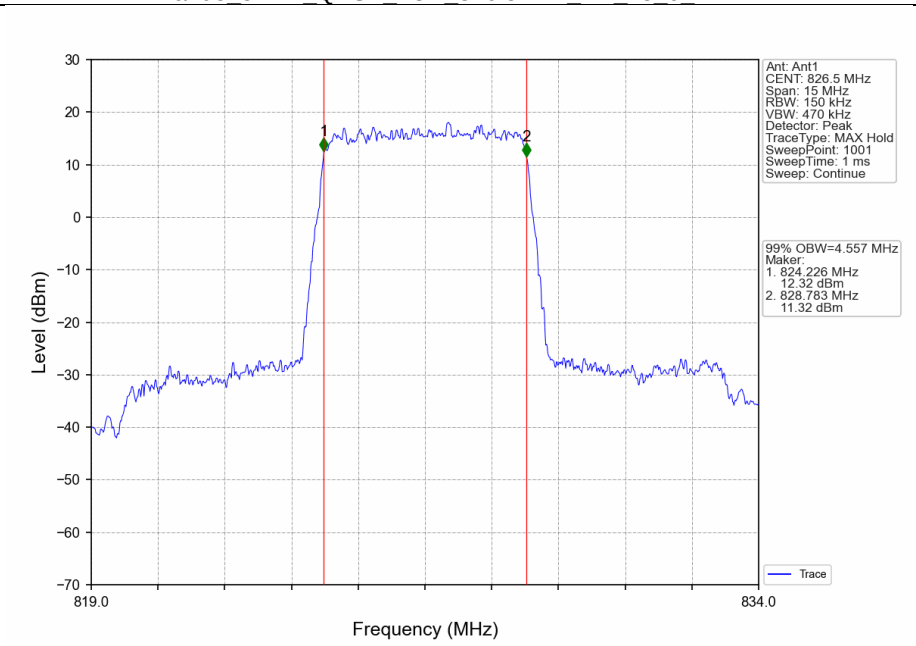
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



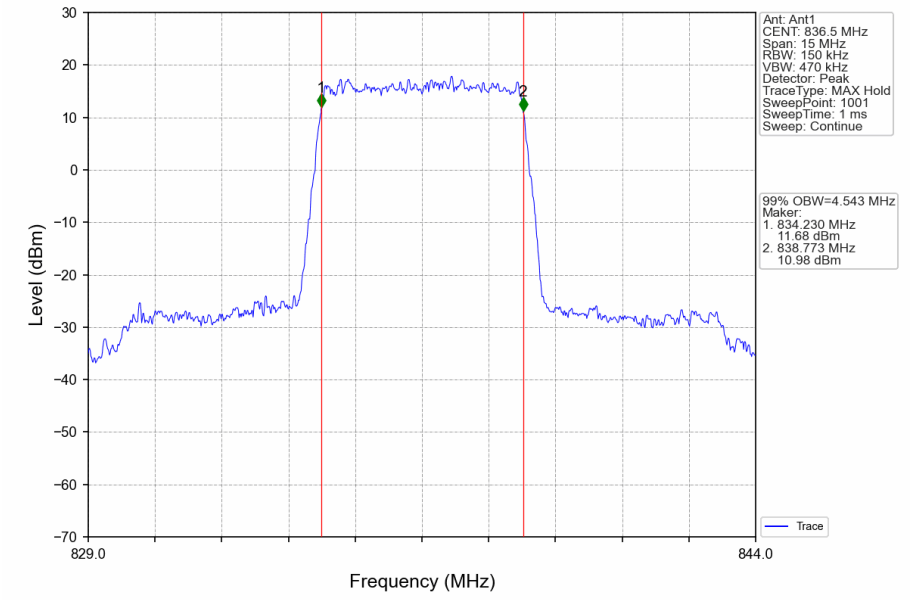
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



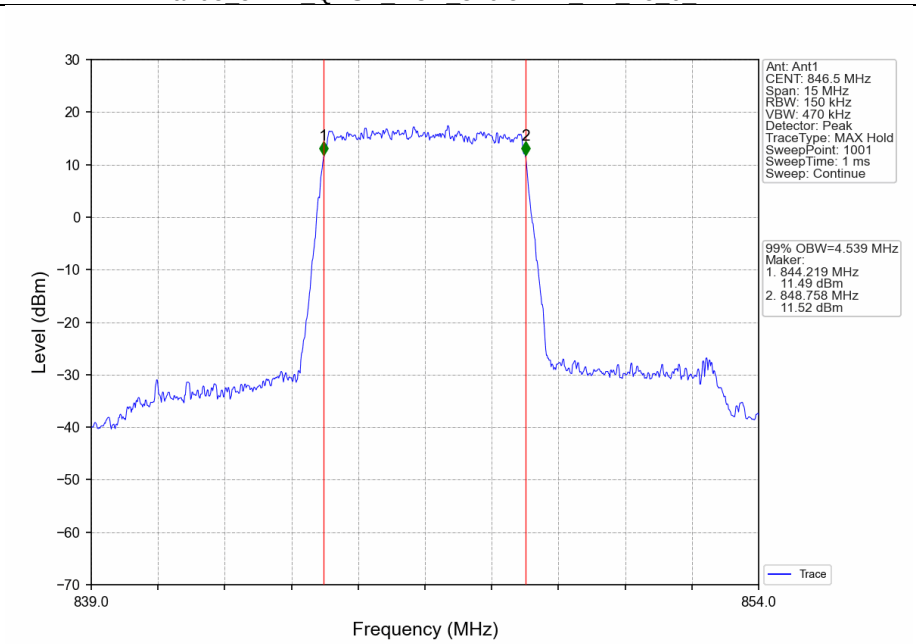
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



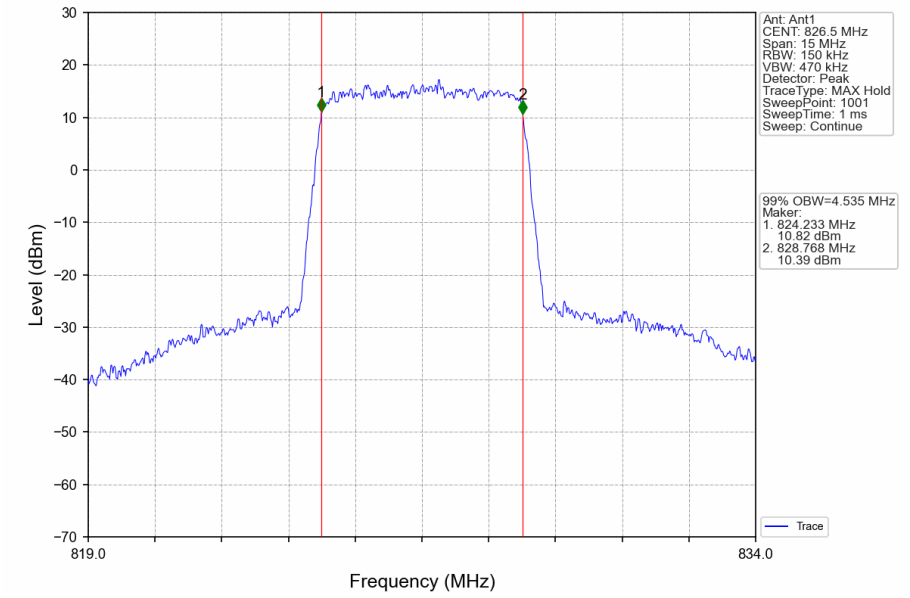
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



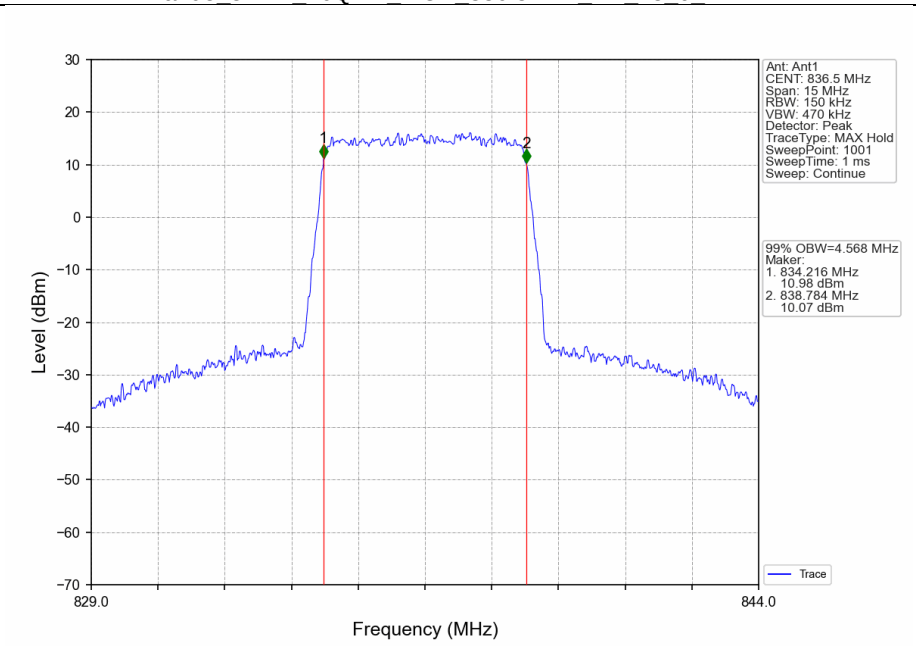
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



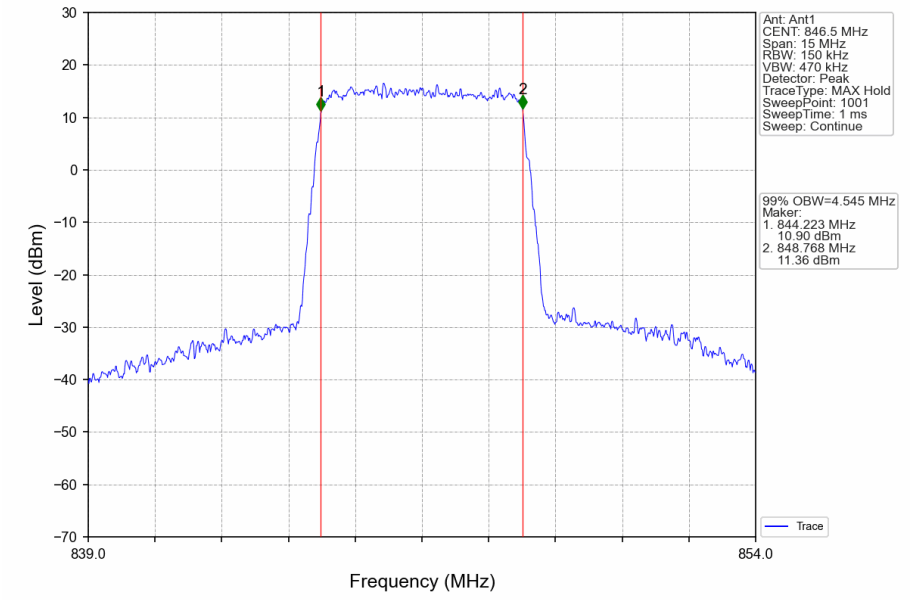
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



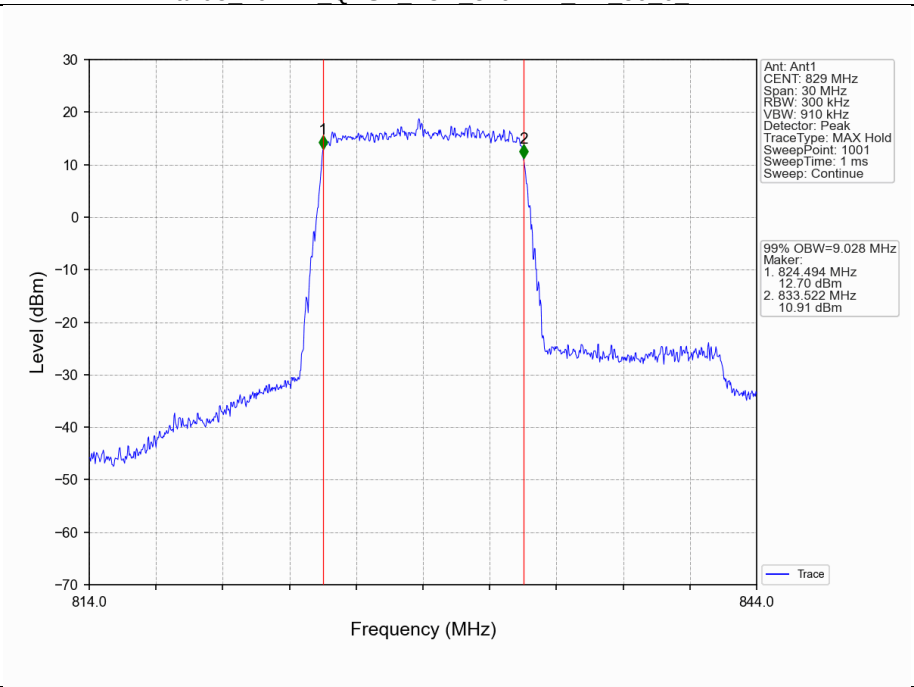
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



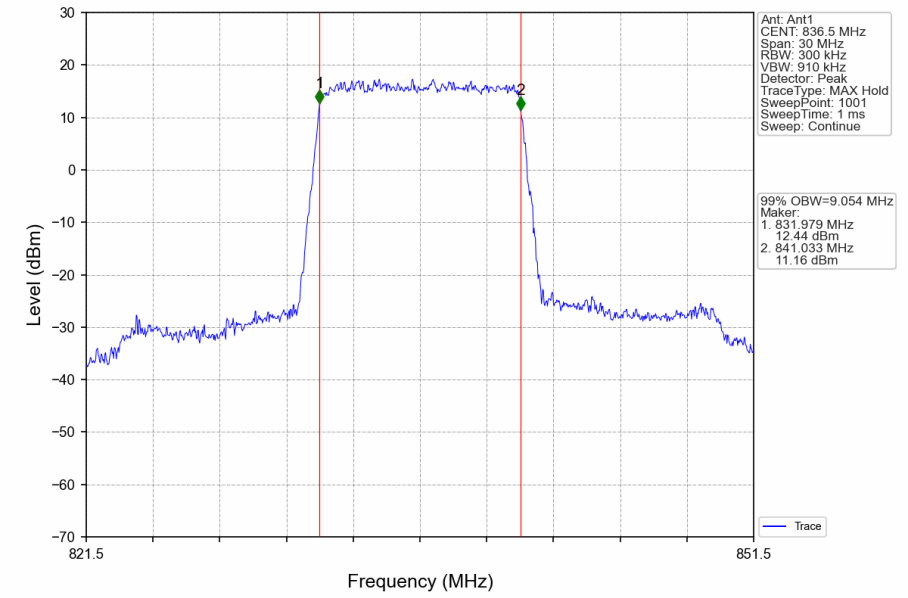
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



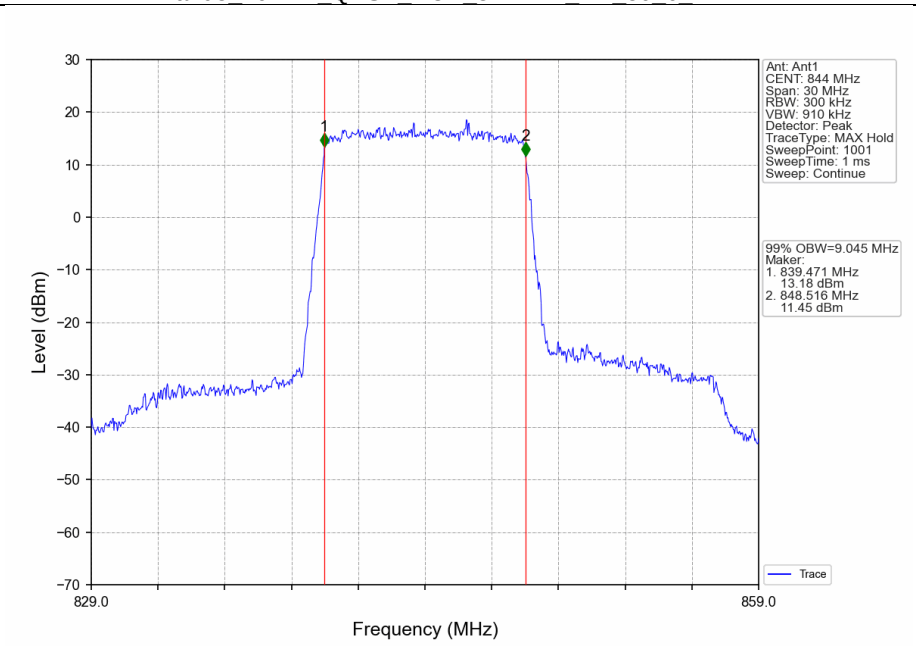
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



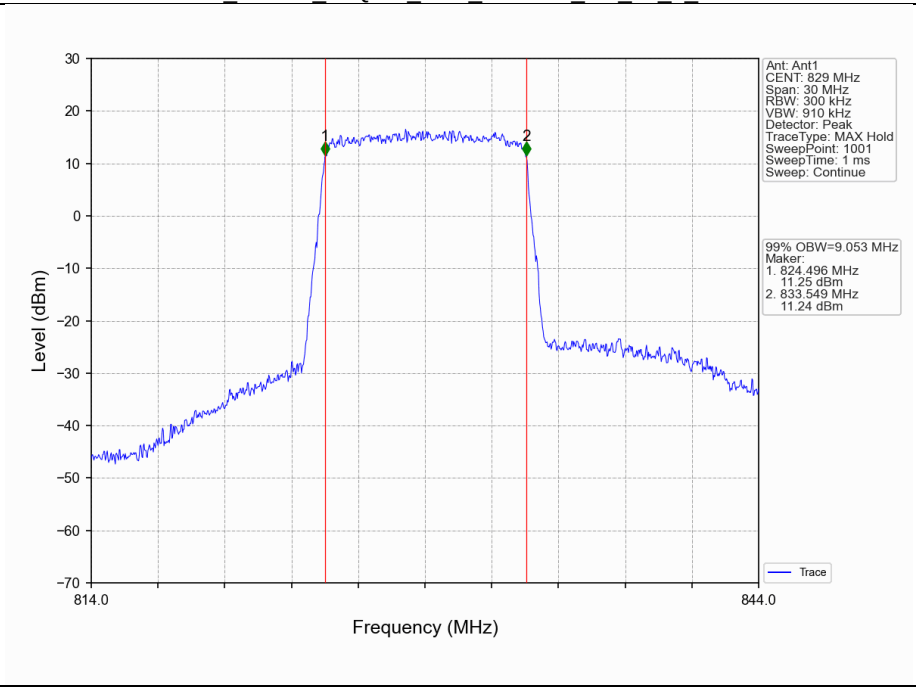
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



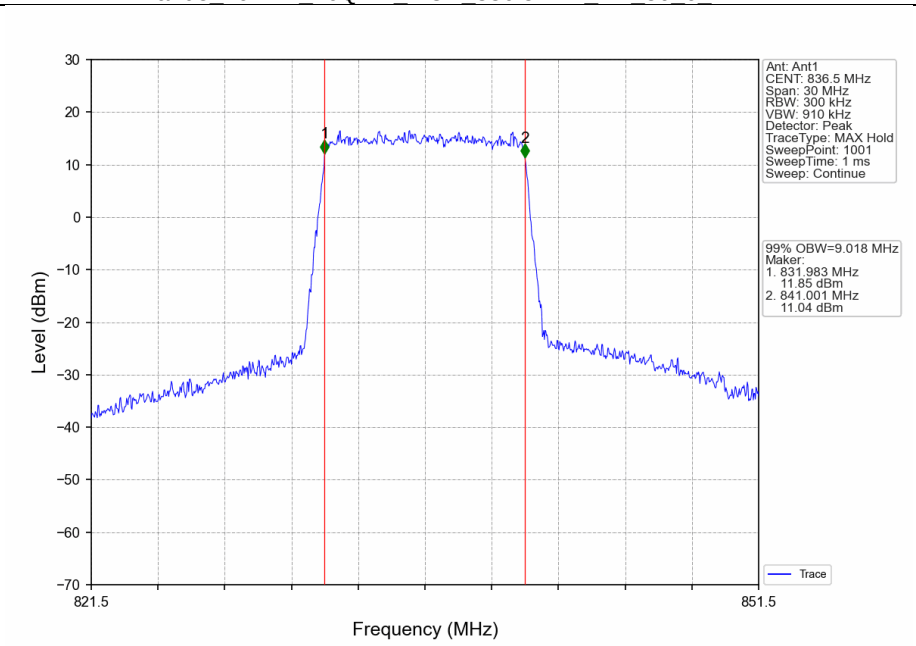
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



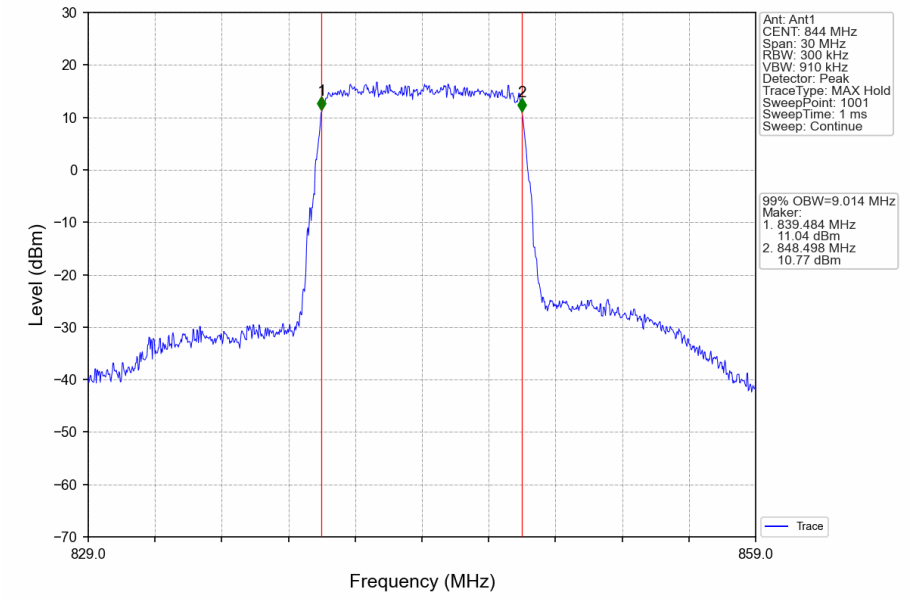
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



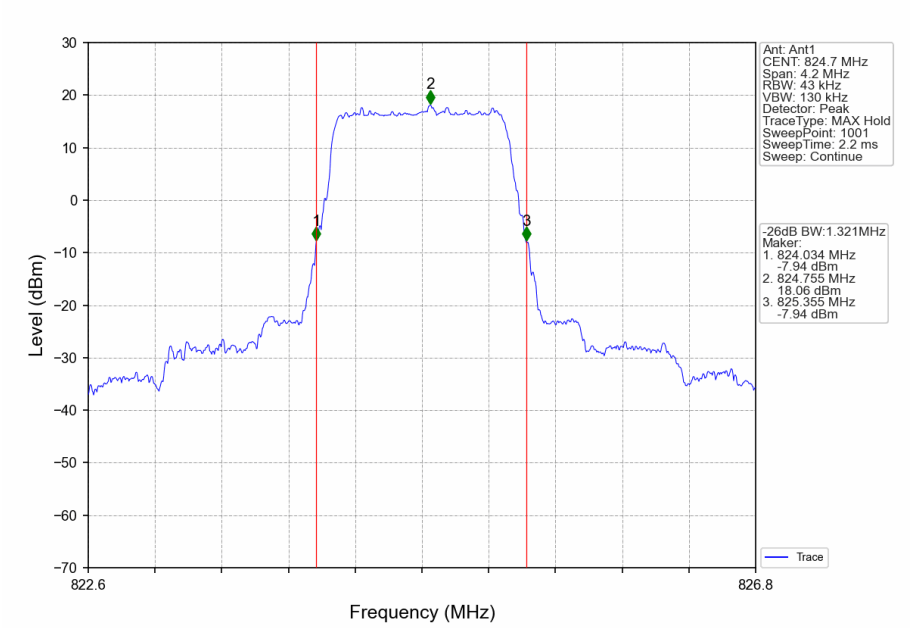
3.2 Band5_XDB

3.2.1 Test Result

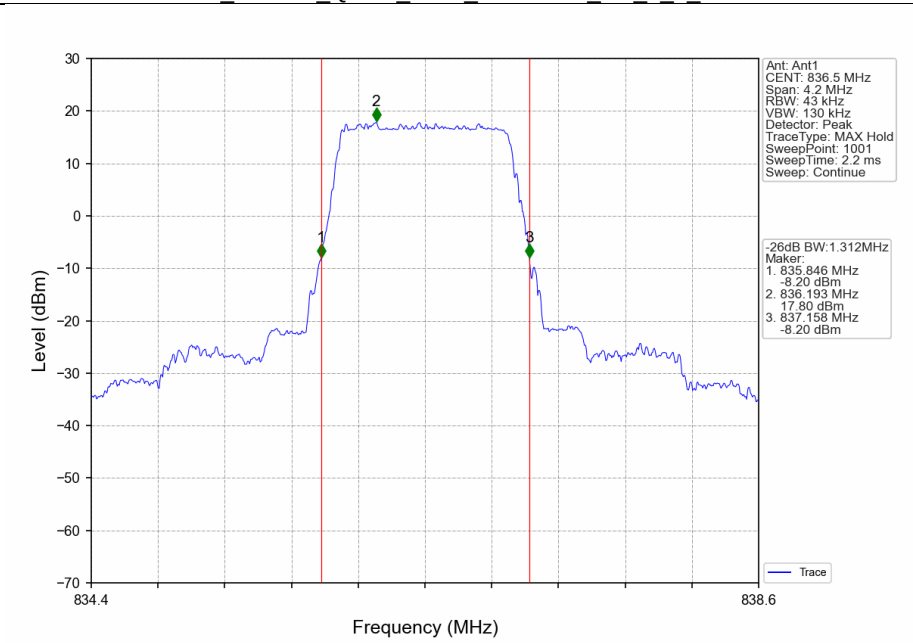
Band: 5 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	824.7	6	0	1.321	/	Pass
		836.5	6	0	1.312	/	Pass
		848.3	6	0	1.337	/	Pass
	16QAM	824.7	6	0	1.321	/	Pass
		836.5	6	0	1.301	/	Pass
		848.3	6	0	1.340	/	Pass
3	QPSK	825.5	15	0	3.054	/	Pass
		836.5	15	0	3.038	/	Pass
		847.5	15	0	3.027	/	Pass
	16QAM	825.5	15	0	3.075	/	Pass
		836.5	15	0	3.047	/	Pass
		847.5	15	0	3.046	/	Pass
5	QPSK	826.5	25	0	5.070	/	Pass
		836.5	25	0	5.049	/	Pass
		846.5	25	0	5.063	/	Pass
	16QAM	826.5	25	0	5.034	/	Pass
		836.5	25	0	5.107	/	Pass
		846.5	25	0	5.096	/	Pass
10	QPSK	829	50	0	10.028	/	Pass
		836.5	50	0	10.110	/	Pass
		844	50	0	9.951	/	Pass
	16QAM	829	50	0	10.061	/	Pass
		836.5	50	0	10.026	/	Pass
		844	50	0	10.041	/	Pass

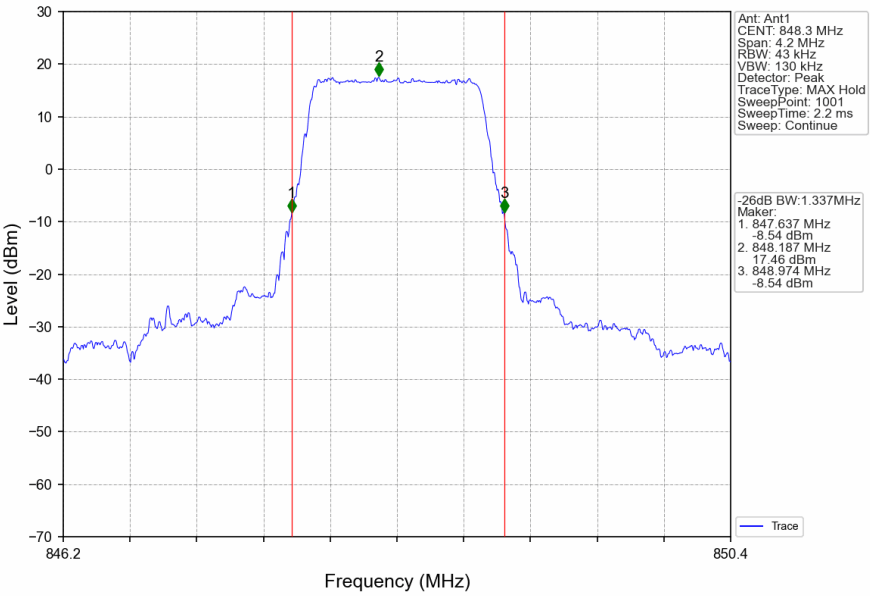
3.2.2 Test Graph

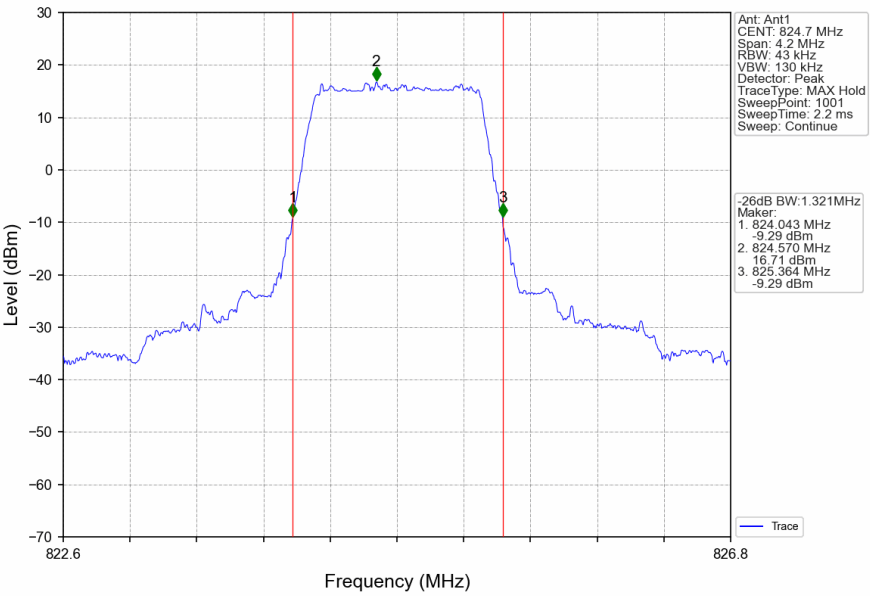
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



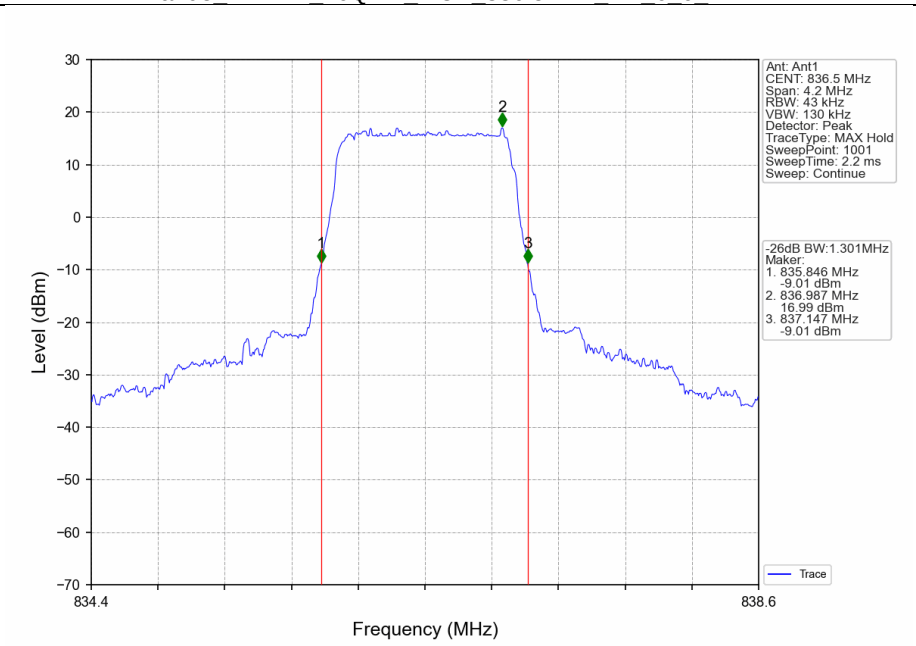
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV



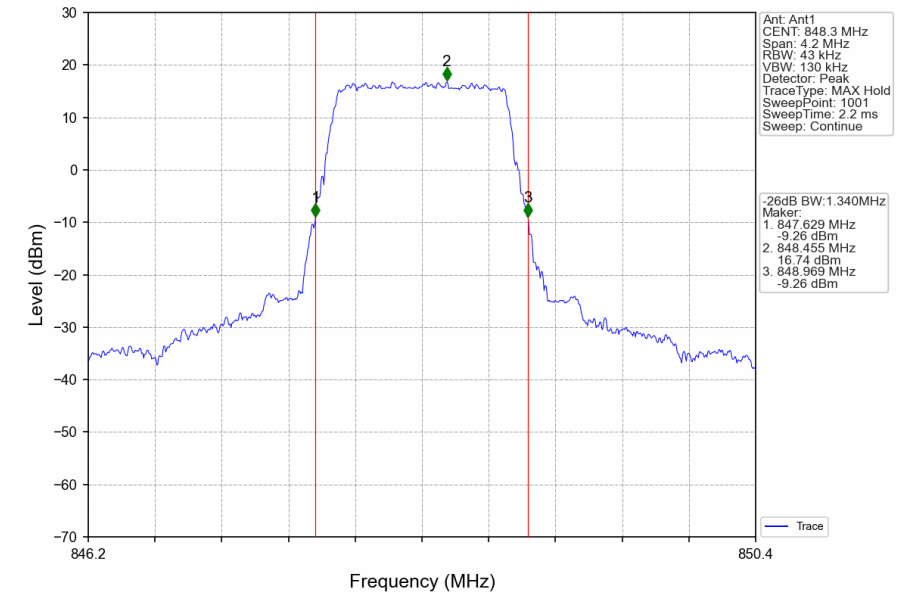
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV


Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV


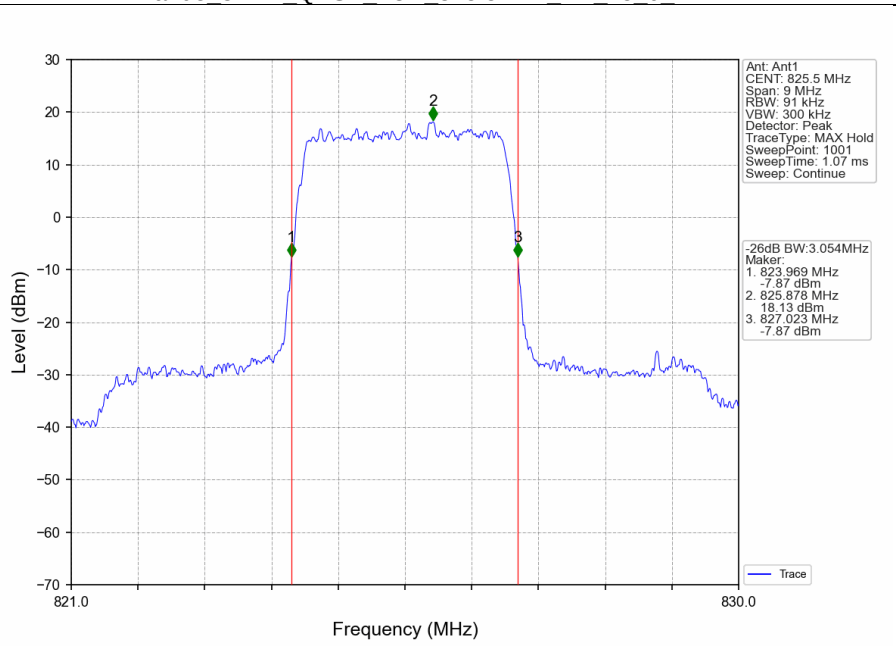
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



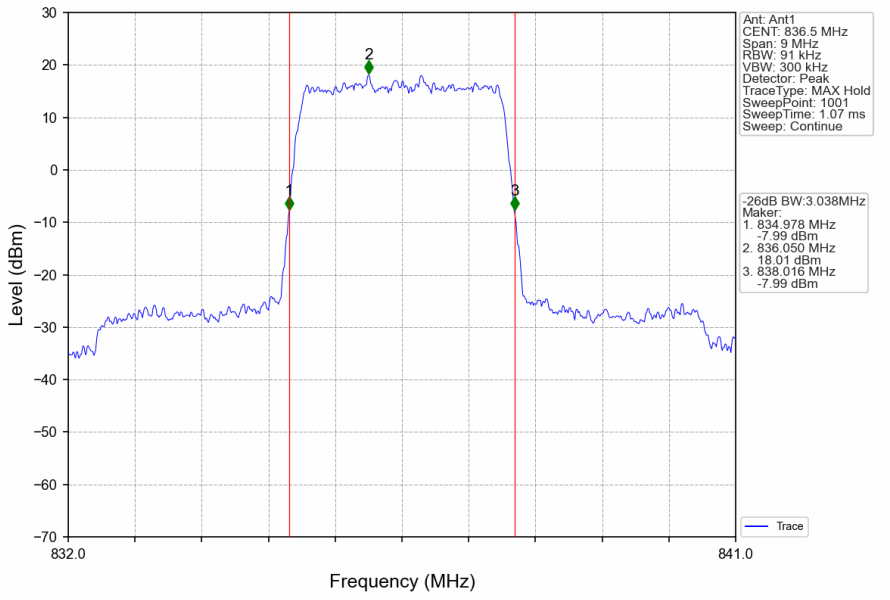
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



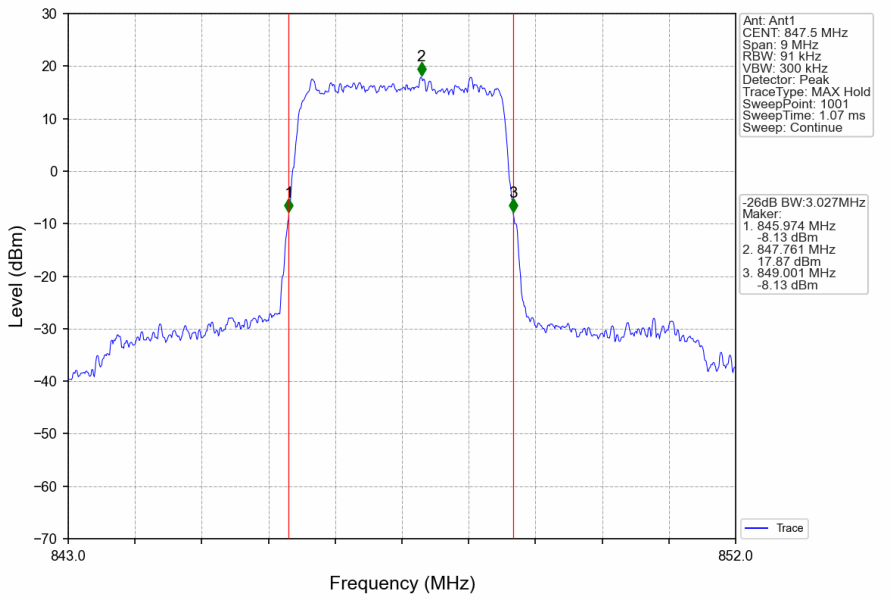
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



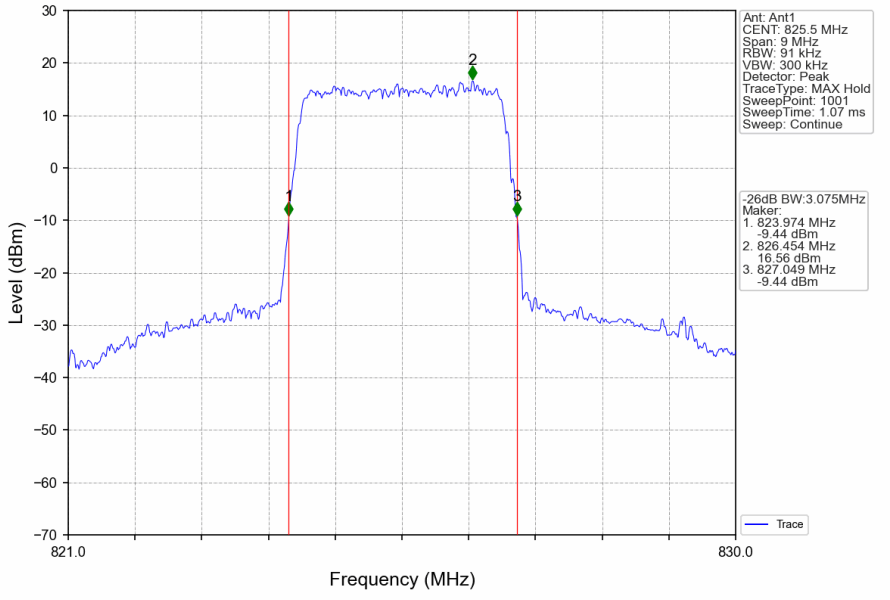
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



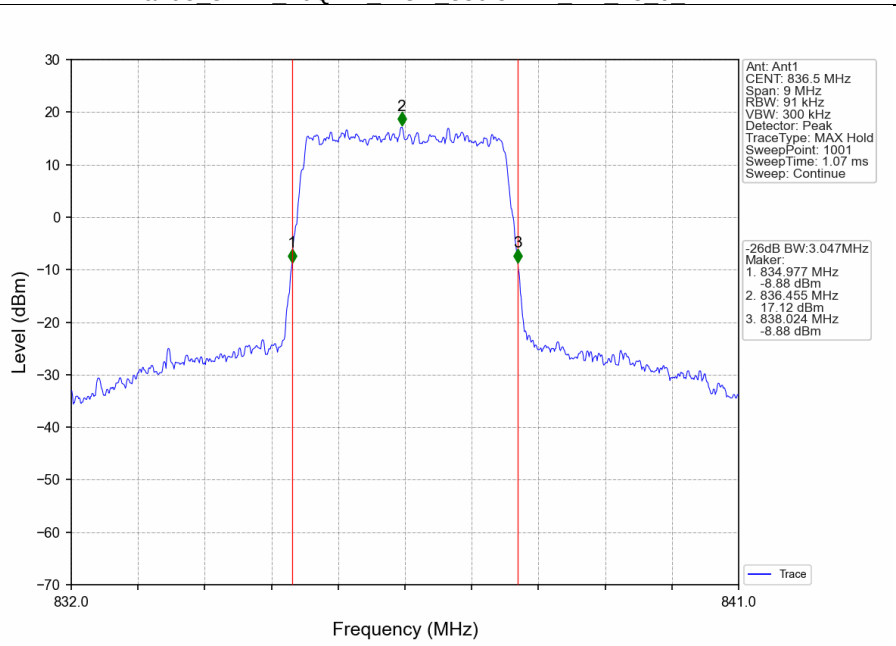
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



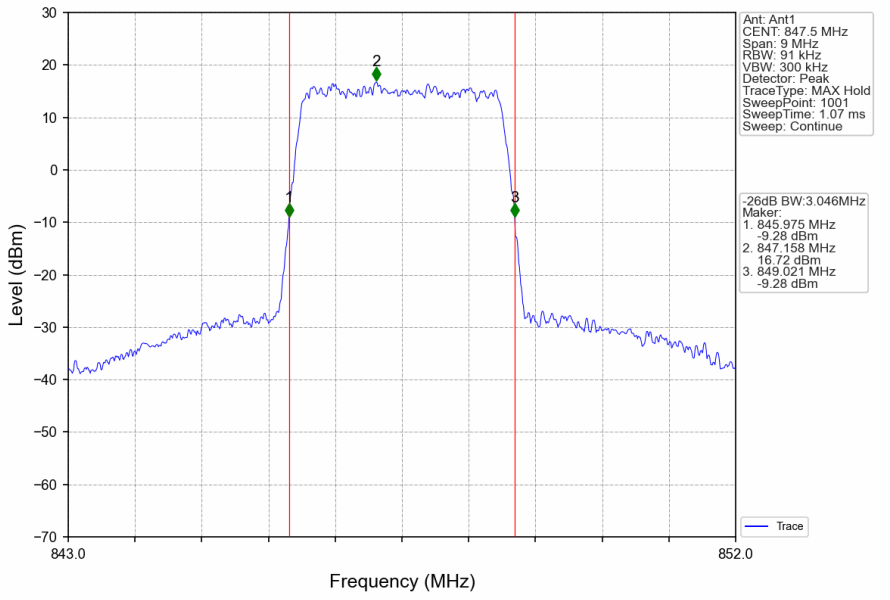
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



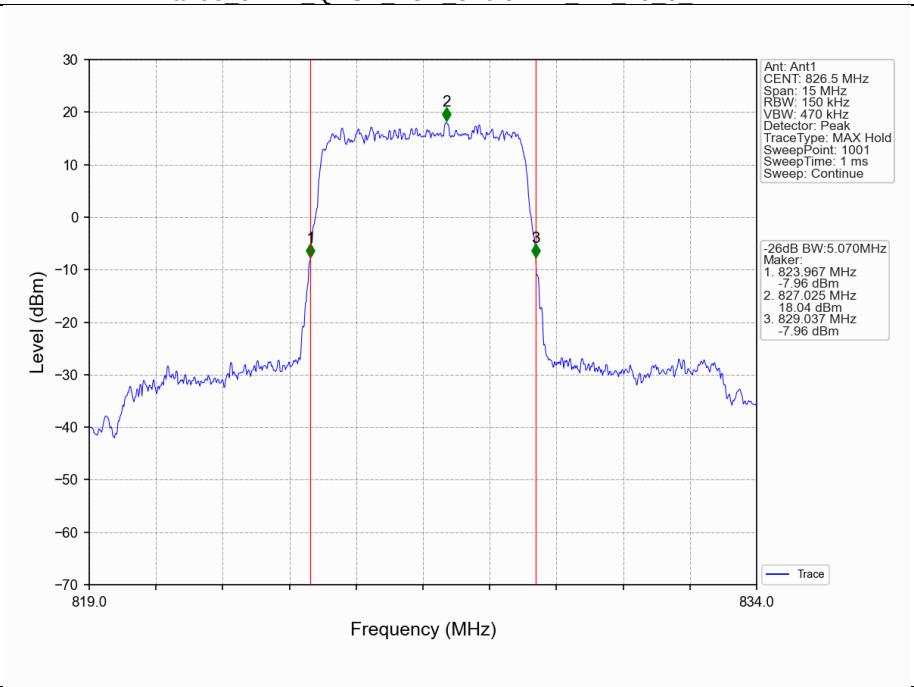
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



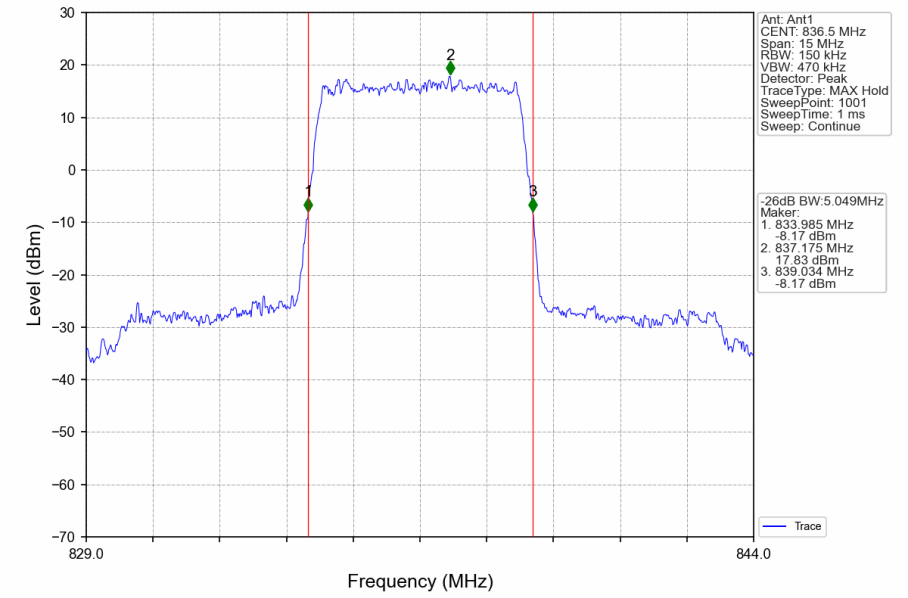
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



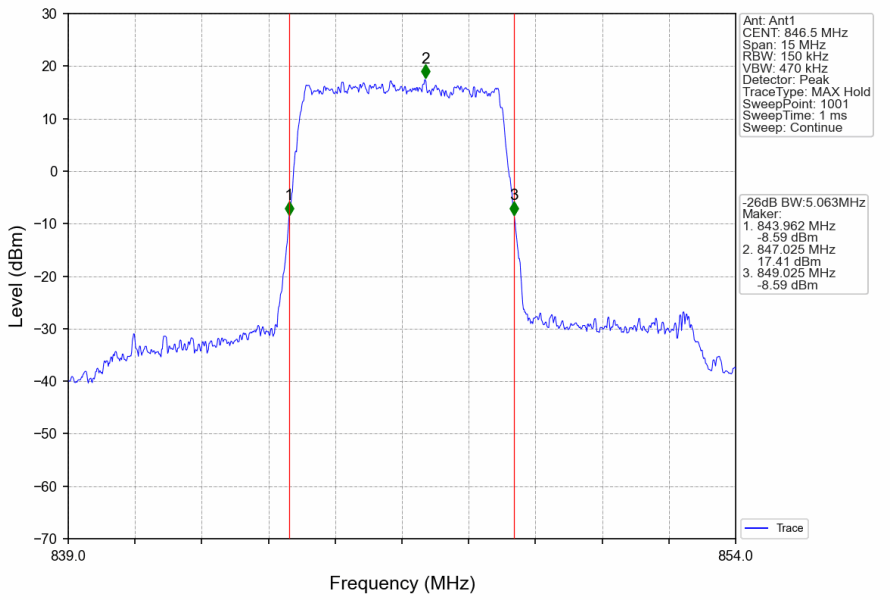
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



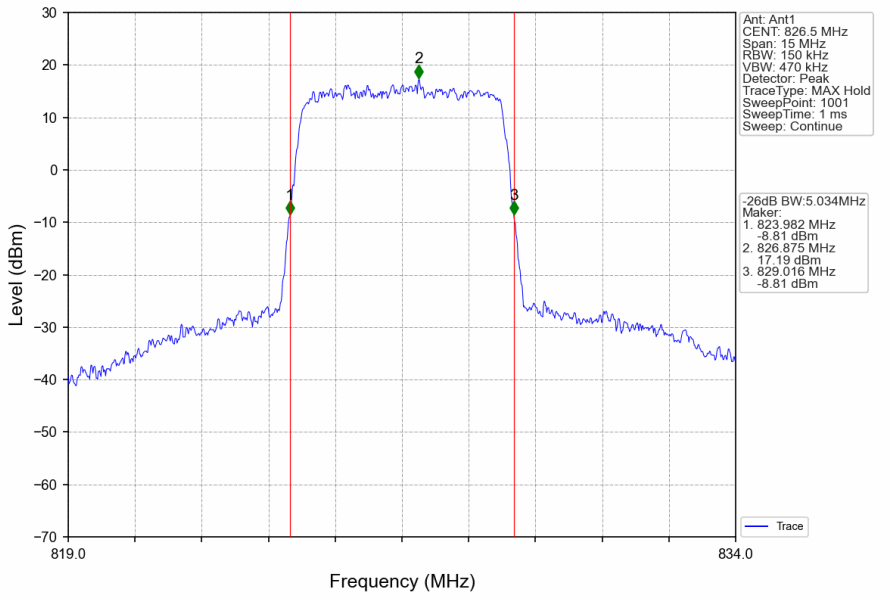
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



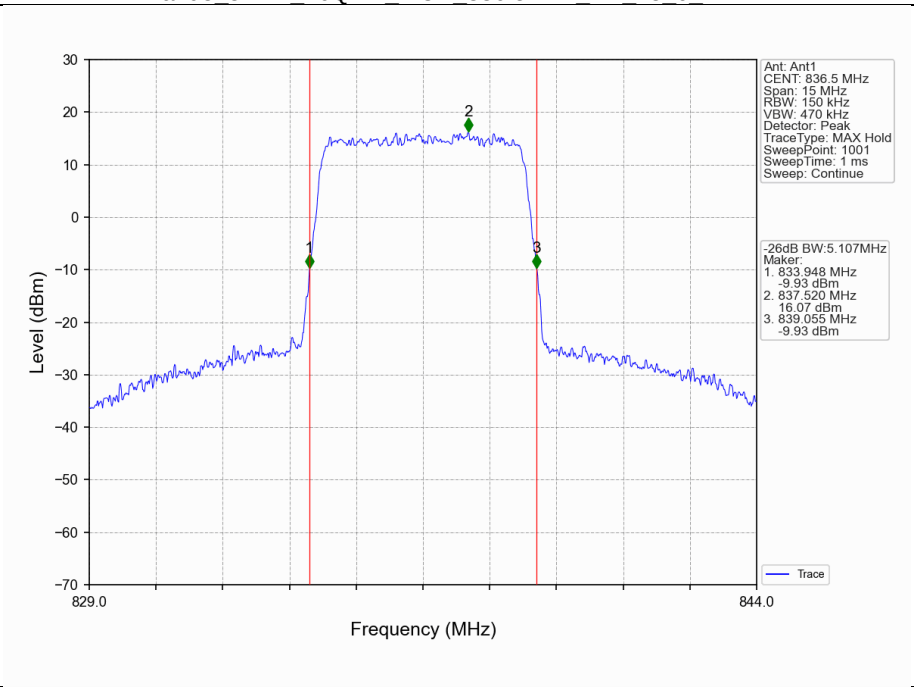
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



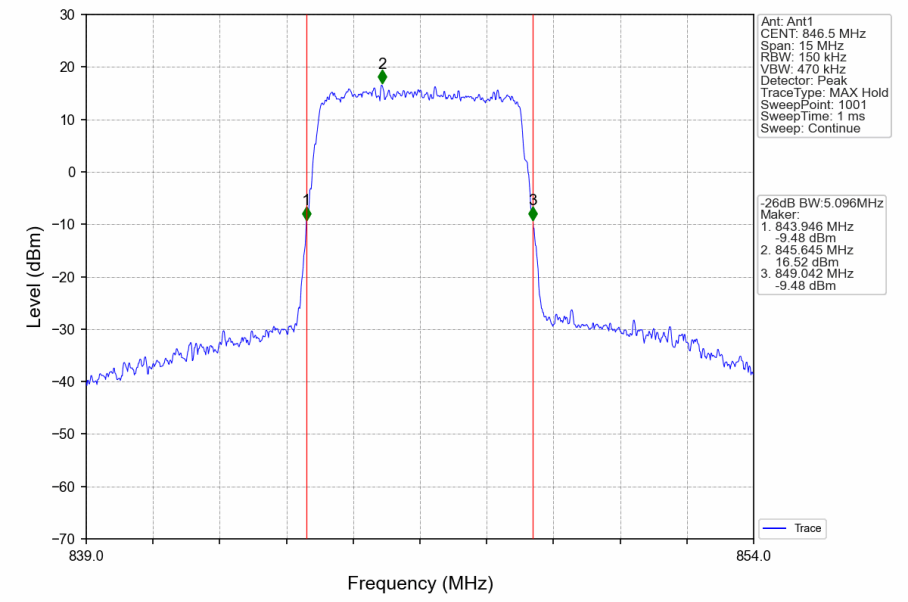
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



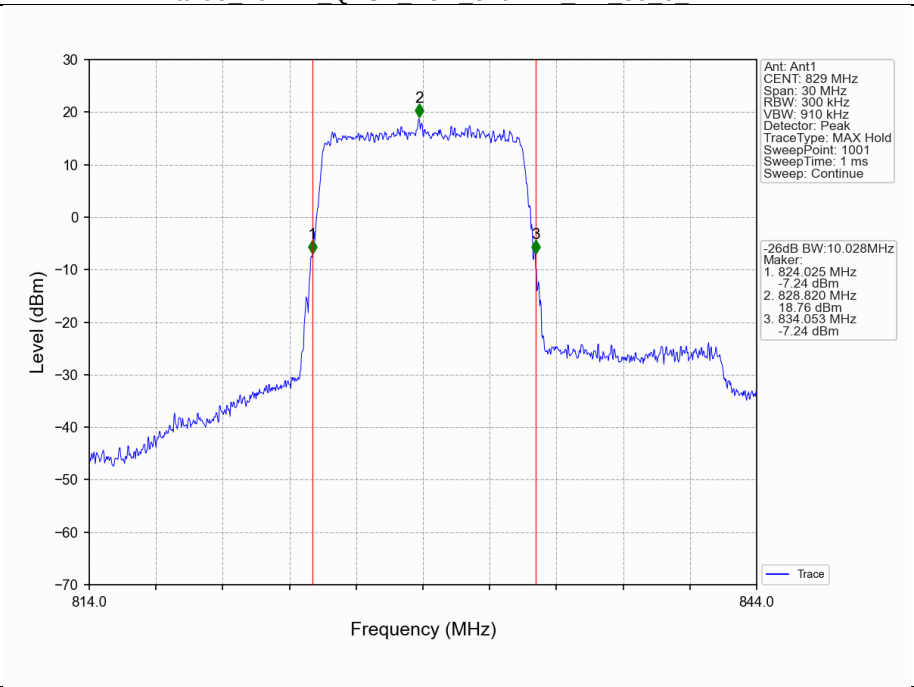
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



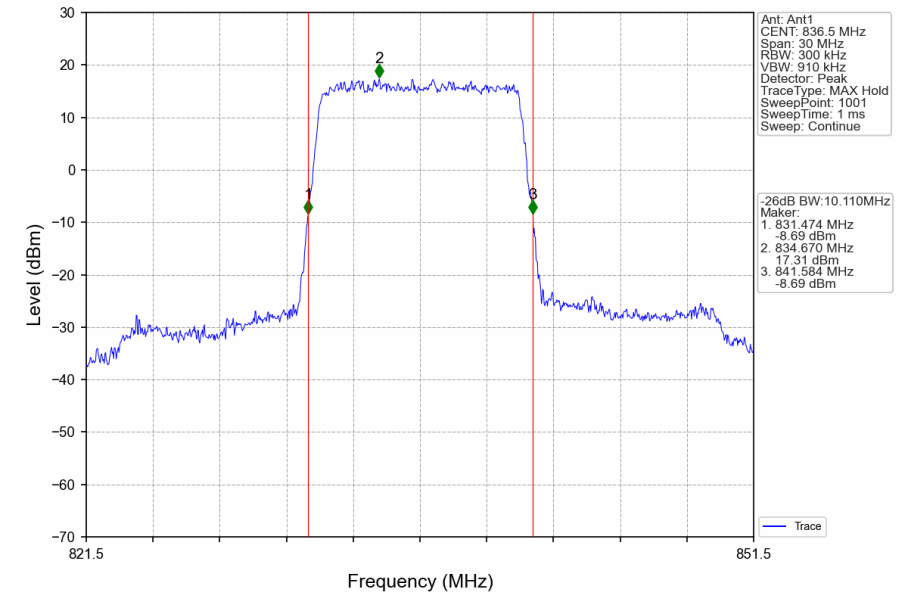
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



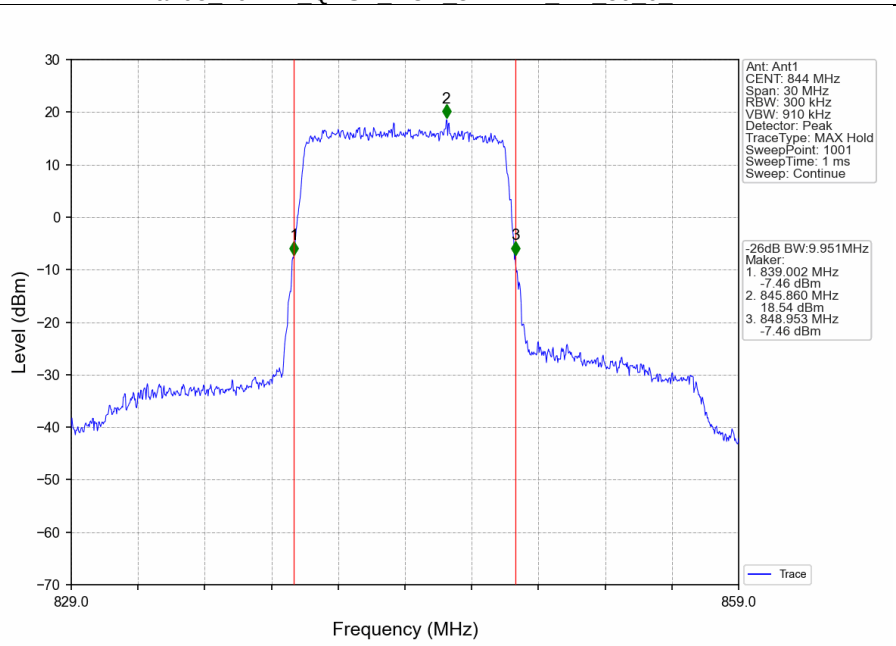
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



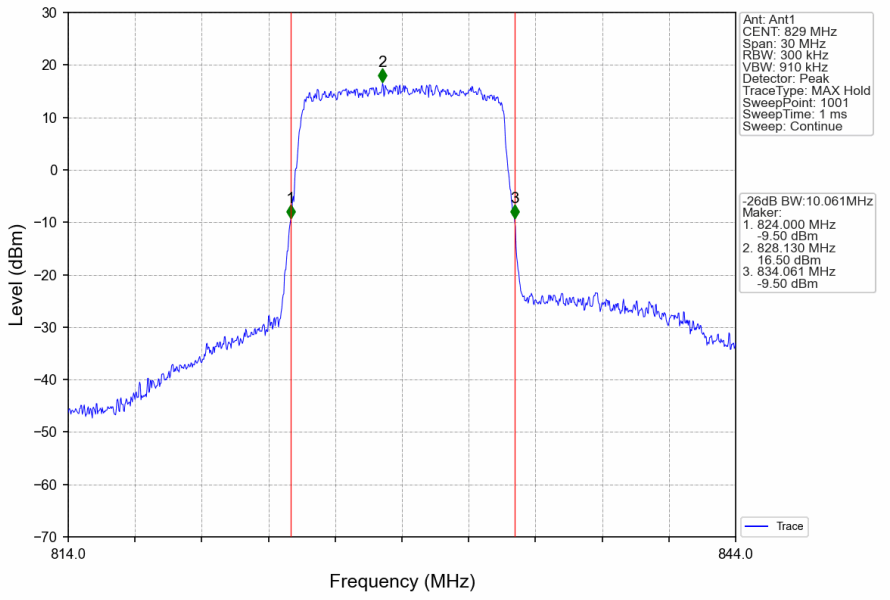
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



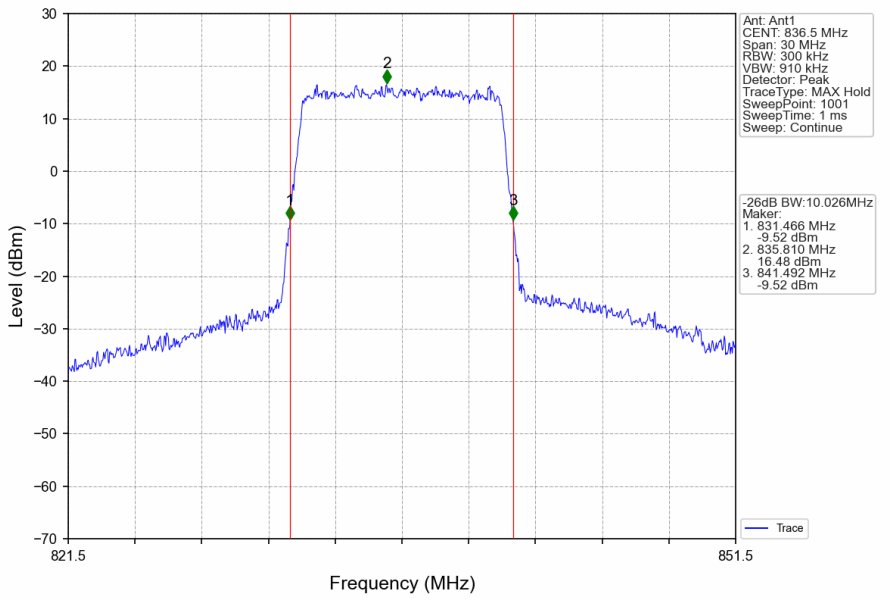
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



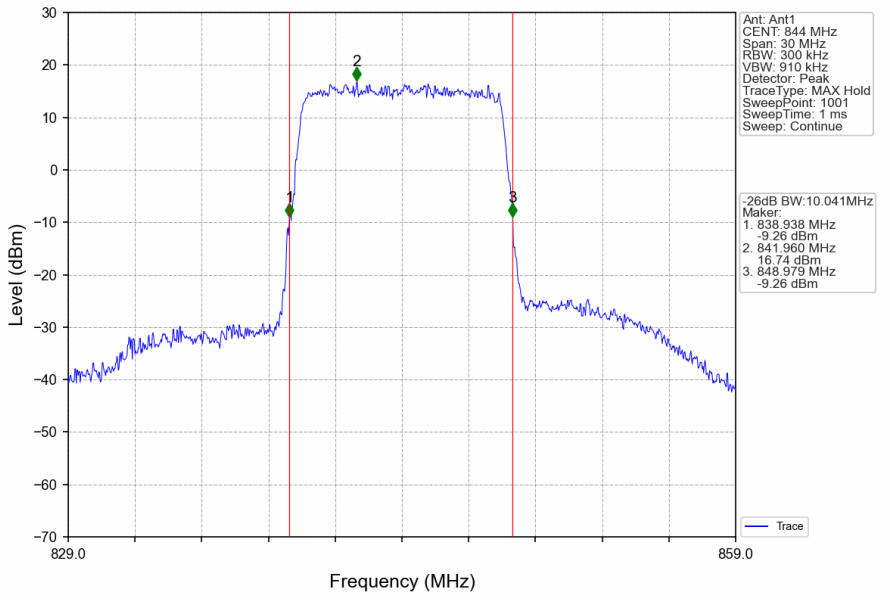
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



4. Peak-Average Ratio

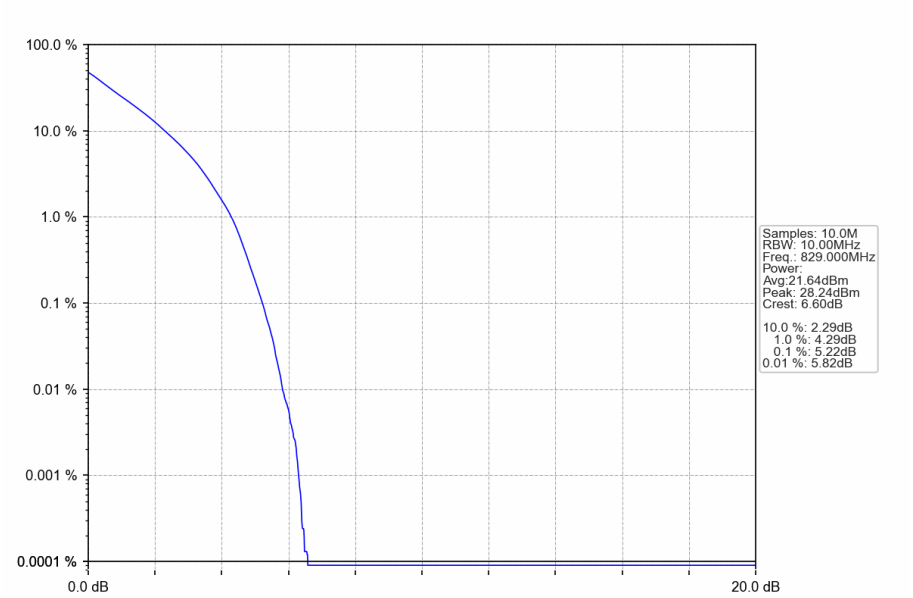
4.1 B5_10MHz

4.1.1 Test Result

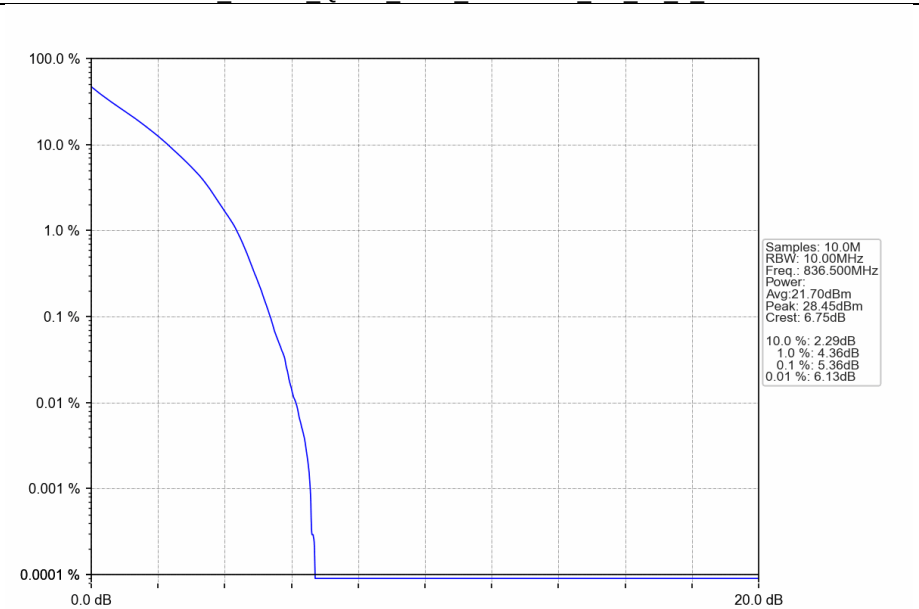
Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	829	50	0	5.22	<=13	Pass
	836.5	50	0	5.36	<=13	Pass
	844	50	0	5.14	<=13	Pass
16QAM	829	50	0	5.99	<=13	Pass
	836.5	50	0	6.11	<=13	Pass
	844	50	0	6.00	<=13	Pass

4.1.2 Test Graph

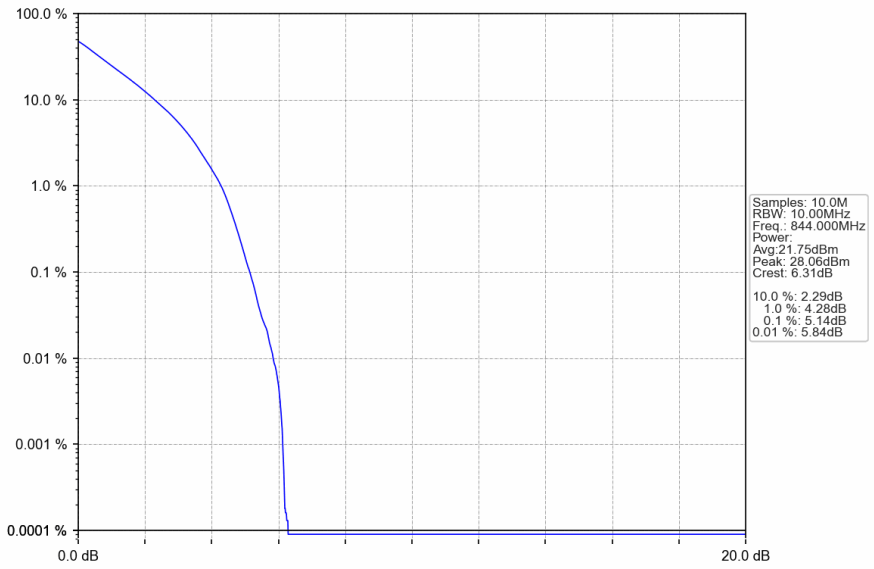
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



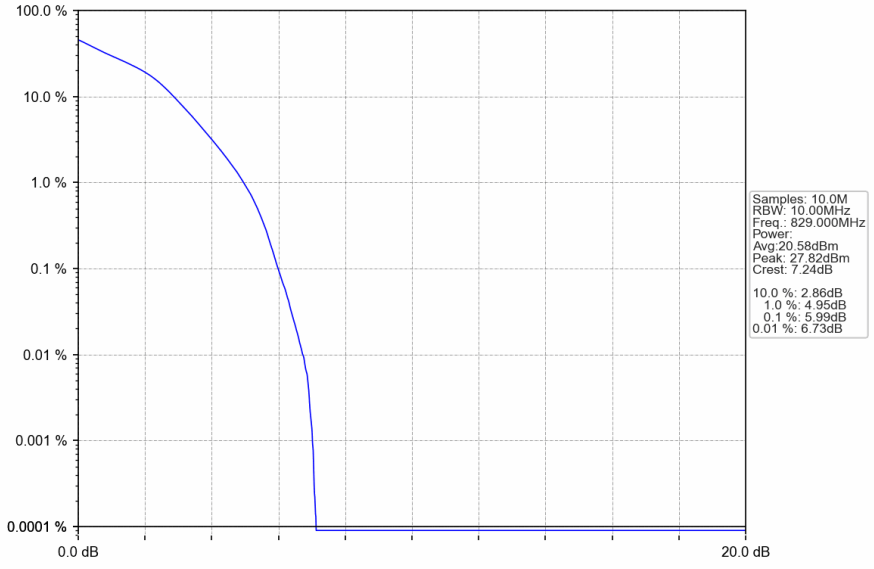
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



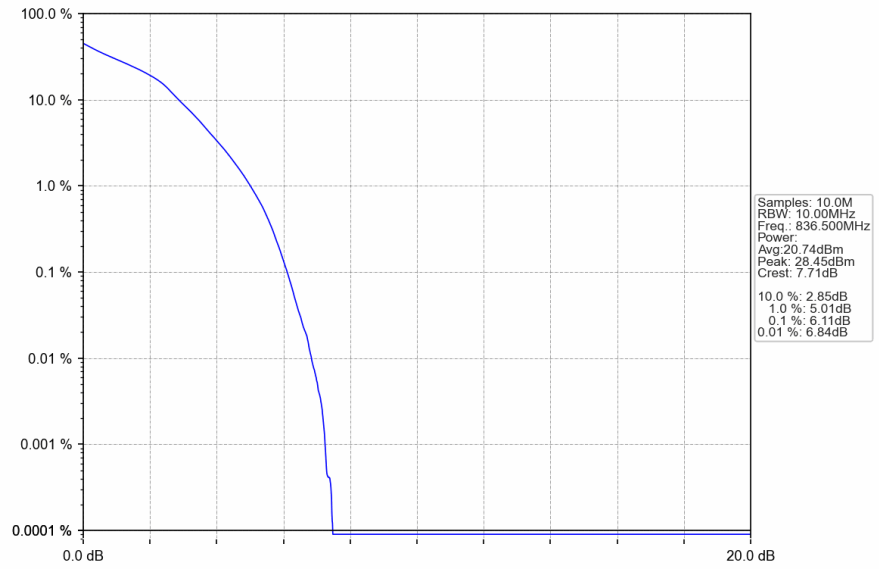
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



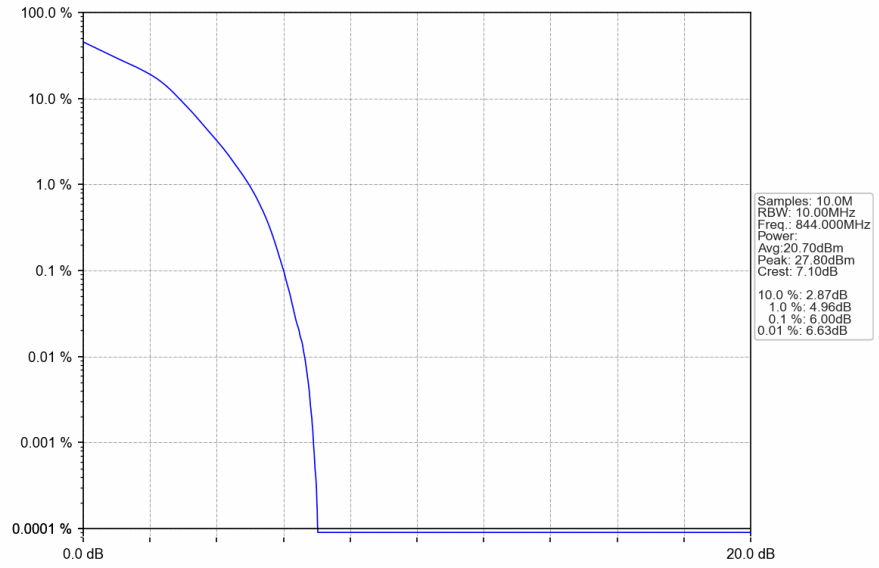
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



5. Spurious Emission

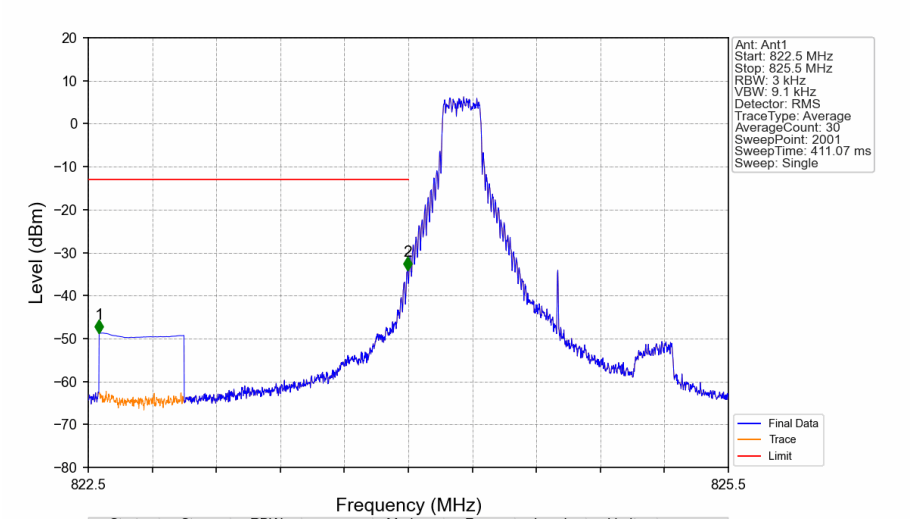
5.1 B5_1.4MHz

5.1.1 Test Result

Band: 5 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	824.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	848.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass

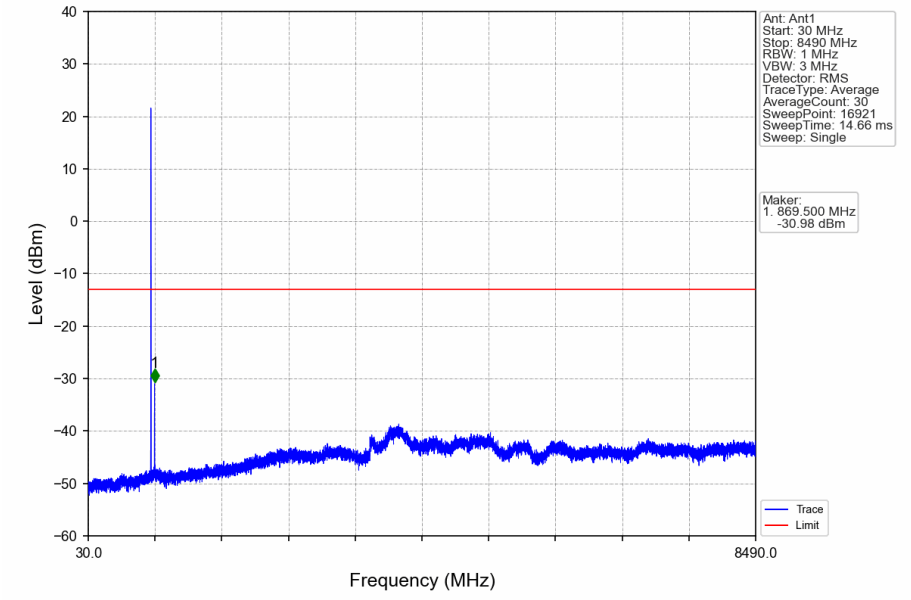
5.1.2 Test Graph

Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV

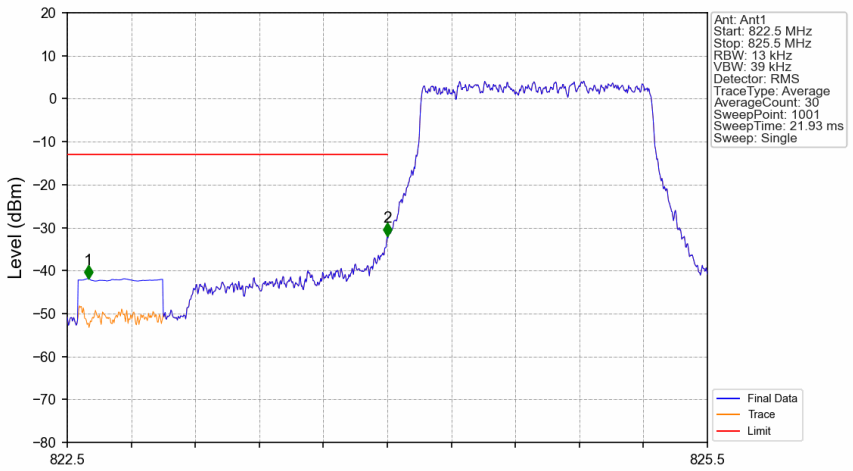


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	823	0.1	CHP	1	822.551	-48.73	-13	Pass
823	824	0.003	/	2	823.995	-34.13	-13	Pass
824	825.5	0.003	/	/	/	/	/	/

Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV

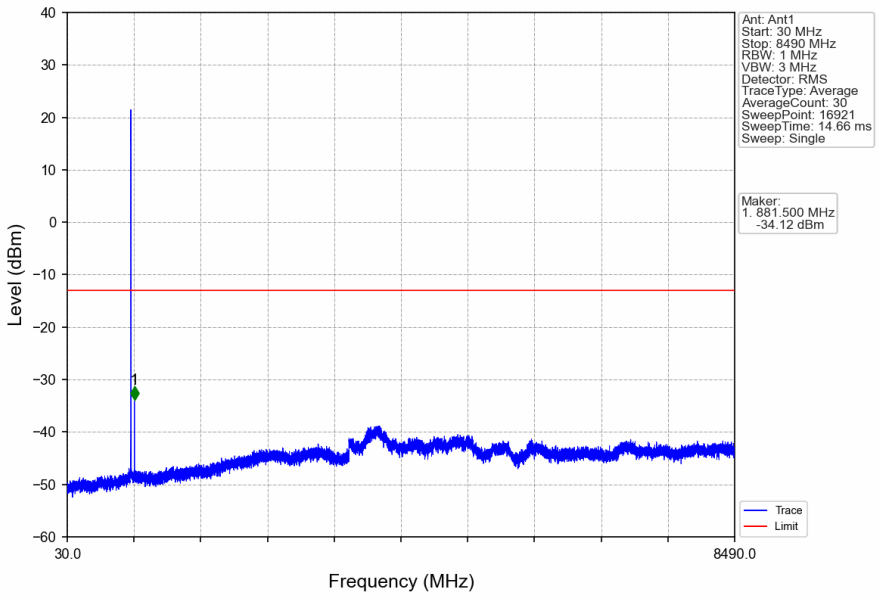


Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV

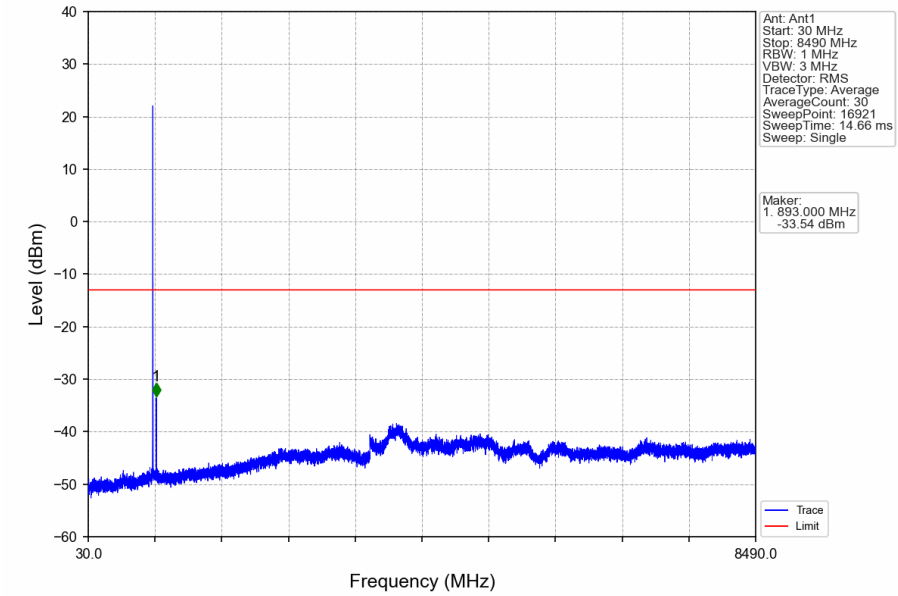


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	823	0.1	CHP	1	822.599	-41.87	-13	Pass
823	824	0.013	/	2	824.000	-32.08	-13	Pass
824	825.5	0.013	/	/	/	/	/	/

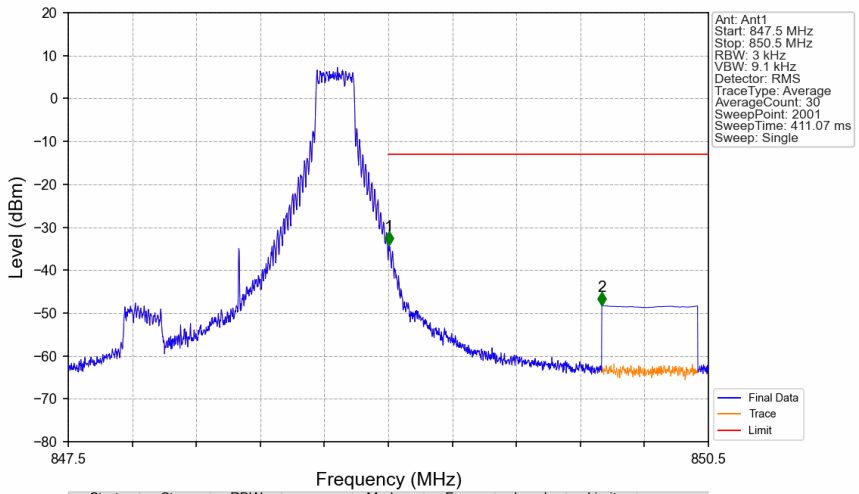
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_1_0_NTNV

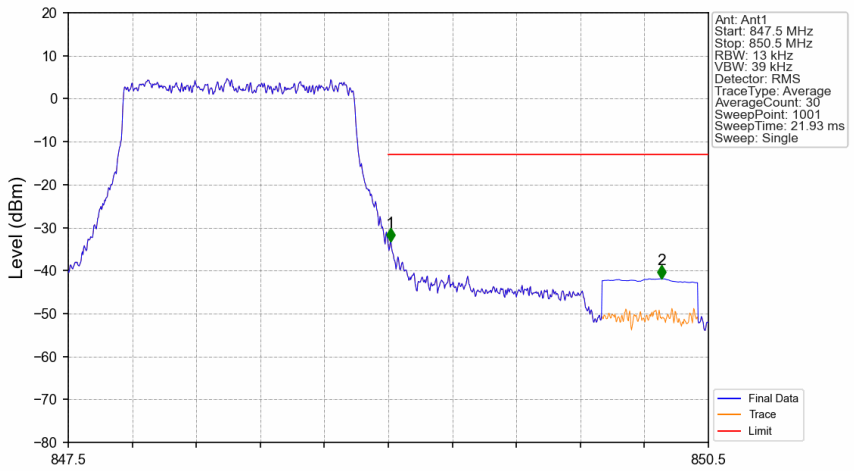


Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_1_5_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
847.5	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.003	-34.13	-13	Pass
850	850.5	0.1	CHP	2	850.000	-48.28	-13	Pass

Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
847.5	849	0.013	/	/	/	/	/	/
849	850	0.013	/	1	849.009	-33.32	-13	Pass
850	850.5	0.1	CHP	2	850.281	-41.85	-13	Pass

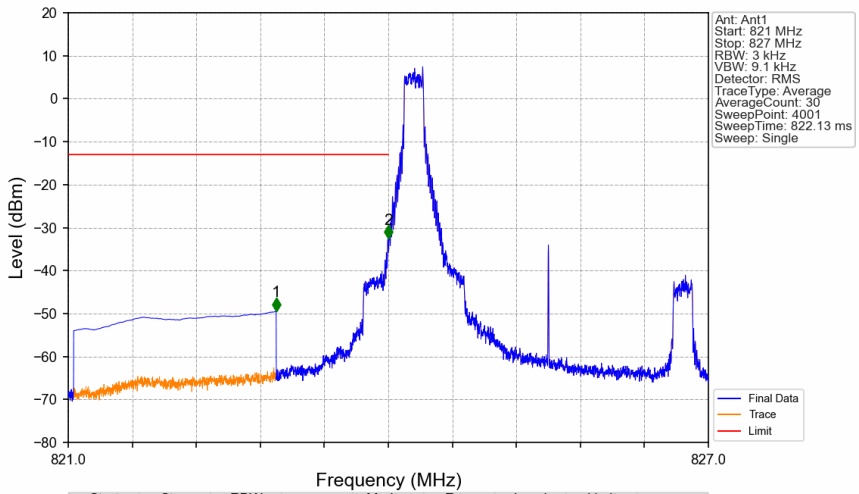
5.2 B5_3MHz

5.2.1 Test Result

Band: 5 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	825.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	847.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass

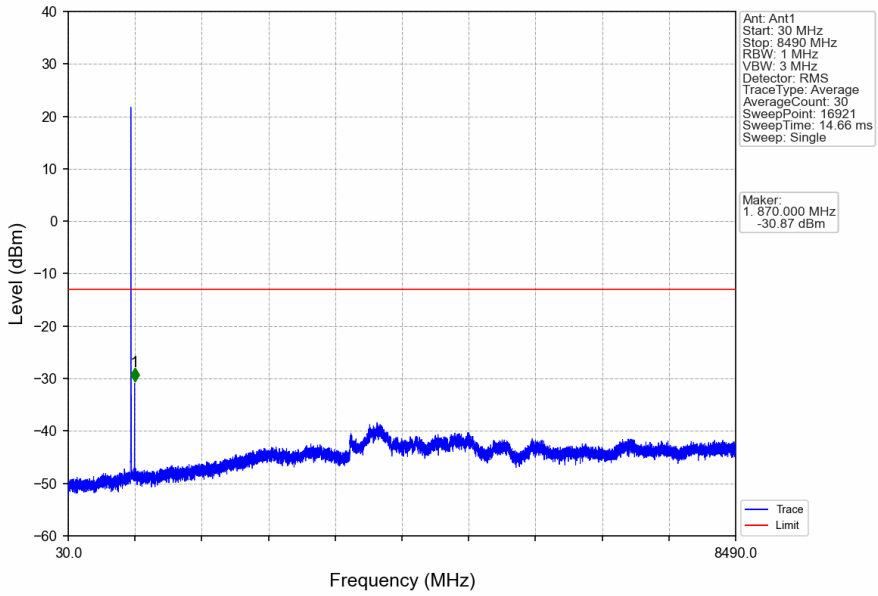
5.2.2 Test Graph

Band5_3MHz_QPSK_LCH_825.5MHz_RB_1_0_NTNV

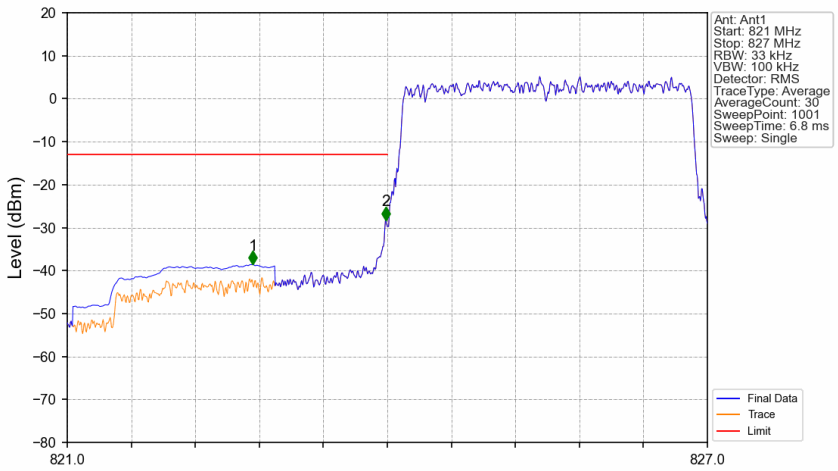


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.948	-49.42	-13	Pass
823	824	0.003	/	2	823.999	-32.55	-13	Pass
824	827	0.003	/	/	/	/	/	/

Band5_3MHz_QPSK_LCH_825.5MHz_RB_1_0_NTNV

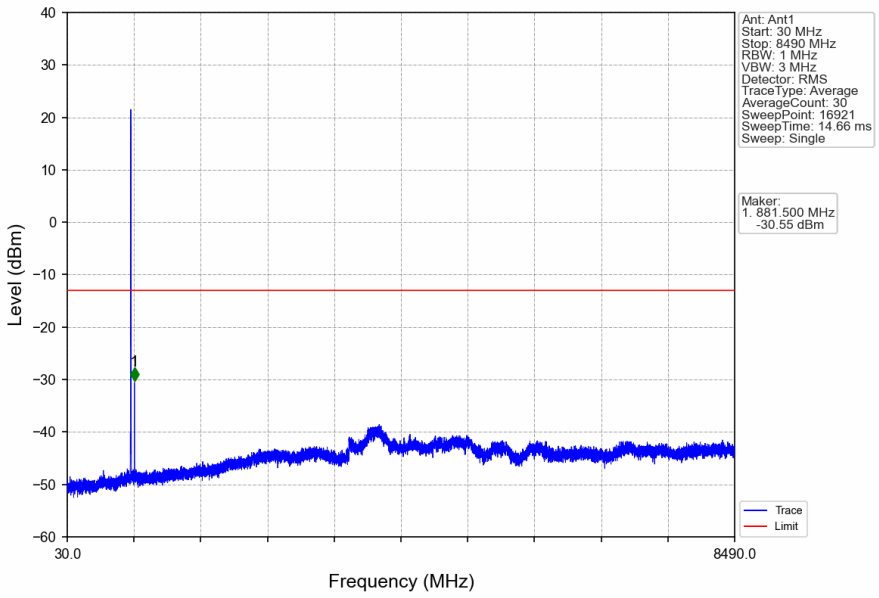


Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV

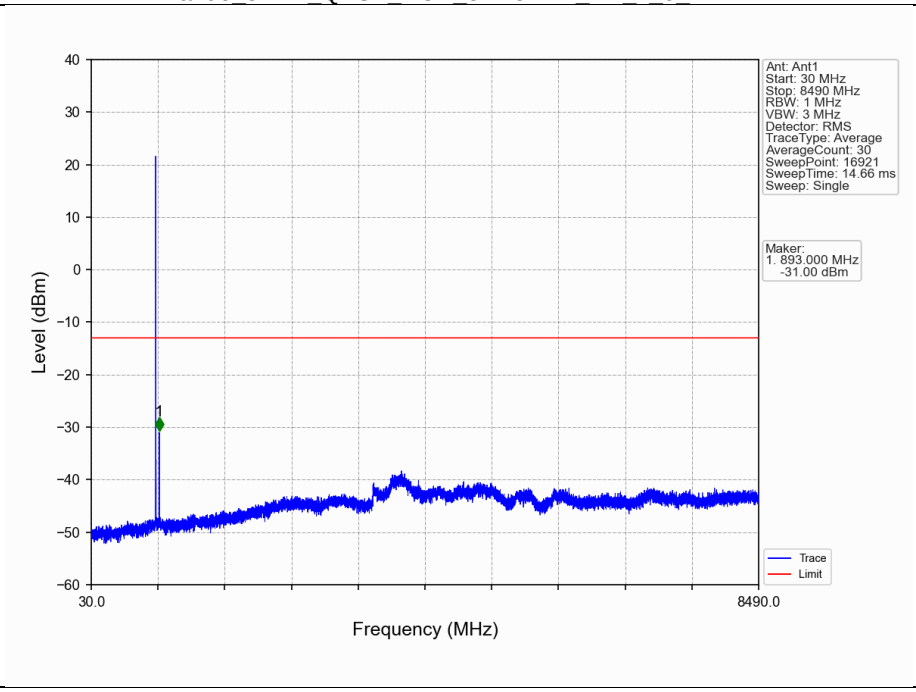


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.740	-38.57	-13	Pass
823	824	0.033	/	2	823.988	-28.23	-13	Pass
824	827	0.033	/	/	/	/	/	/

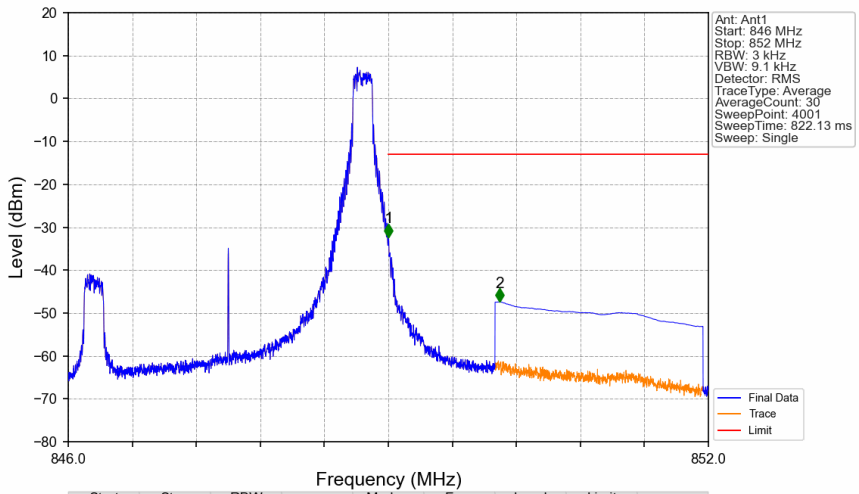
Band5_3MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_0_NTNV

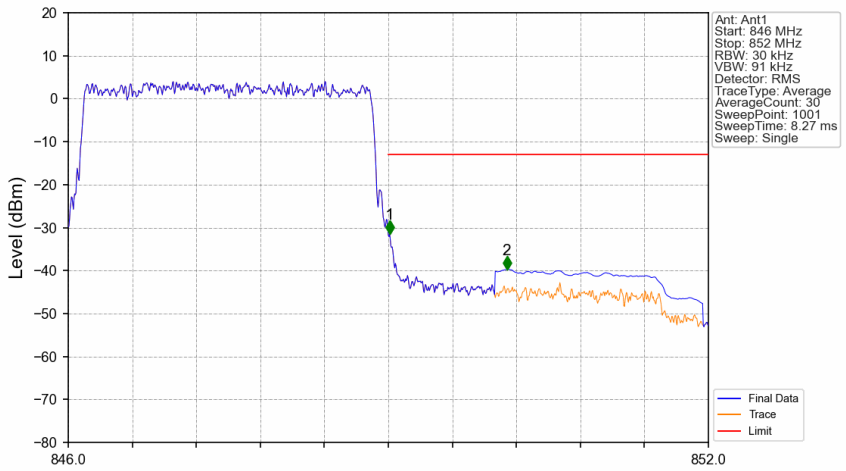


Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_14_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.003	-32.29	-13	Pass
850	852	0.1	CHP	2	850.045	-47.42	-13	Pass

Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.03	/	/	/	/	/	/
849	850	0.03	/	1	849.012	-31.42	-13	Pass
850	852	0.1	CHP	2	850.110	-39.70	-13	Pass

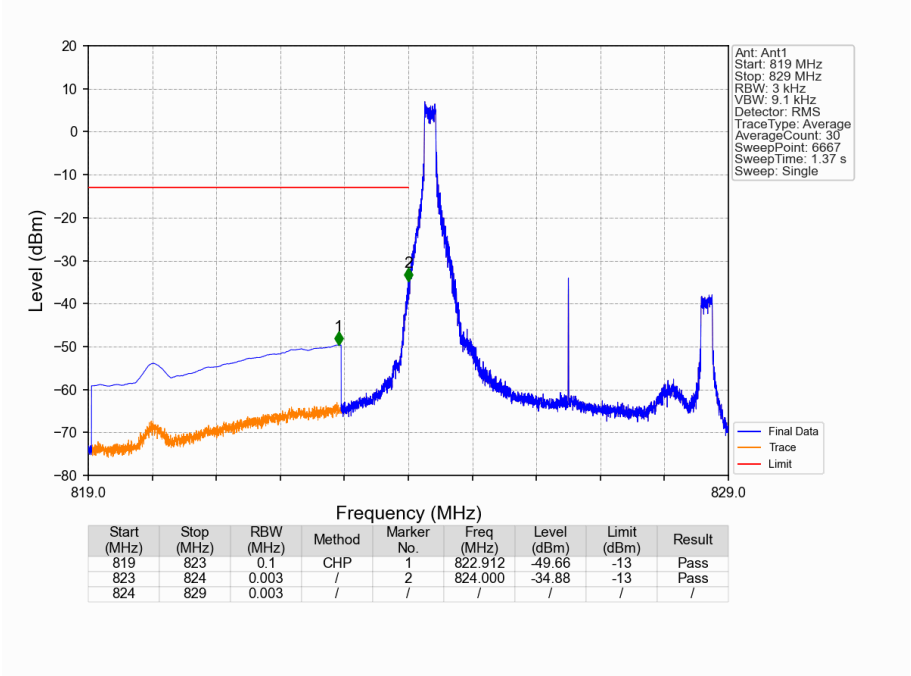
5.3 B5_5MHz

5.3.1 Test Result

Band: 5 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	826.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	846.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

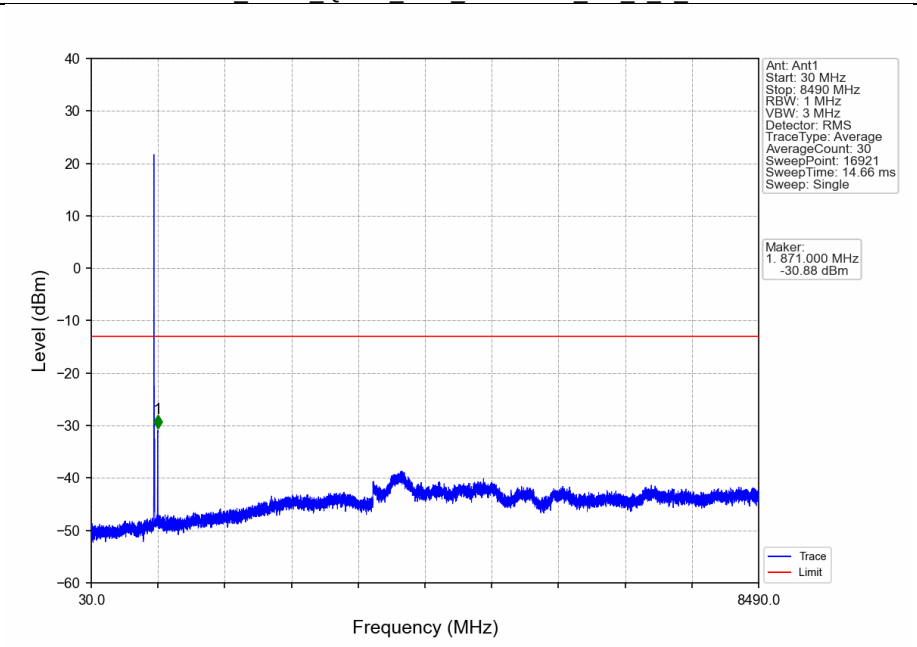
5.3.2 Test Graph

Band5_5MHz_QPSK_LCH_826.5MHz_RB_1_0_NTNV

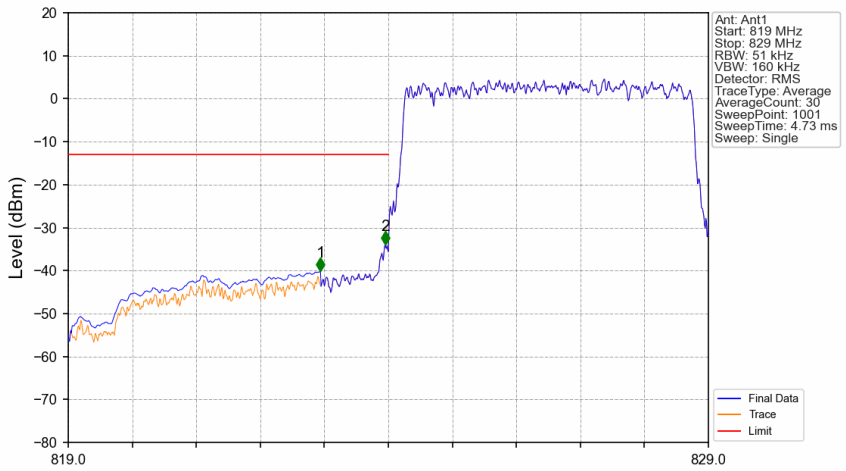


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.912	-49.66	-13	Pass
823	824	0.003	/	2	824.000	-34.88	-13	Pass
824	829	0.003	/	/	/	/	/	/

Band5_5MHz_QPSK_LCH_826.5MHz_RB_1_0_NTNV

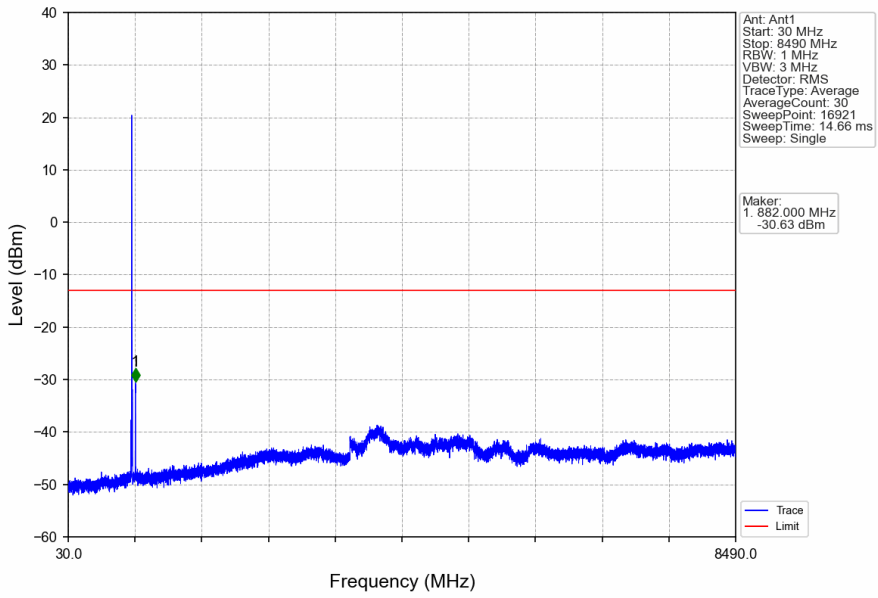


Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV

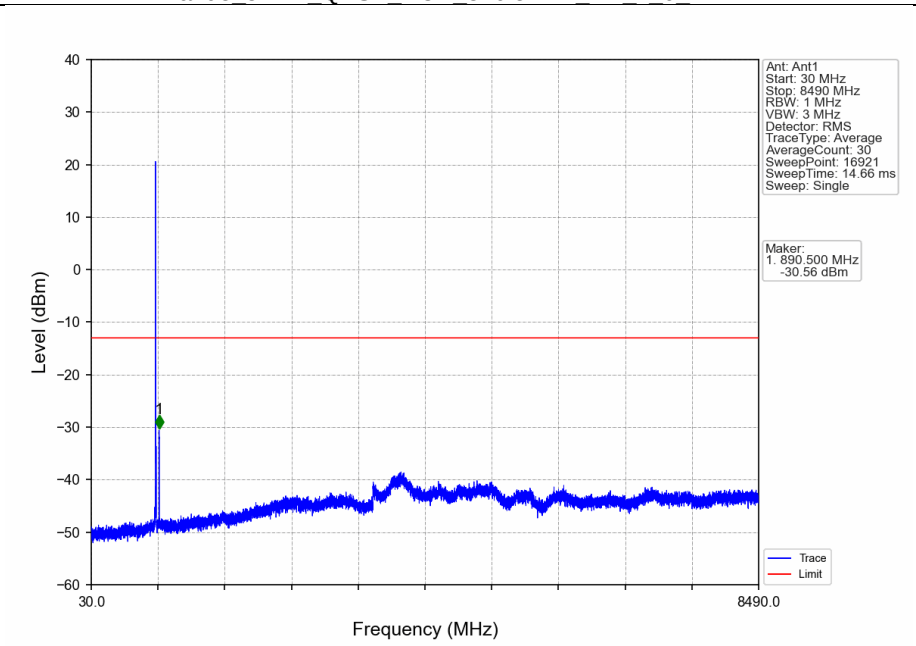


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.940	-40.15	-13	Pass
823	824	0.051	/	2	823.950	-34.03	-13	Pass
824	829	0.051	/	/	/	/	/	/

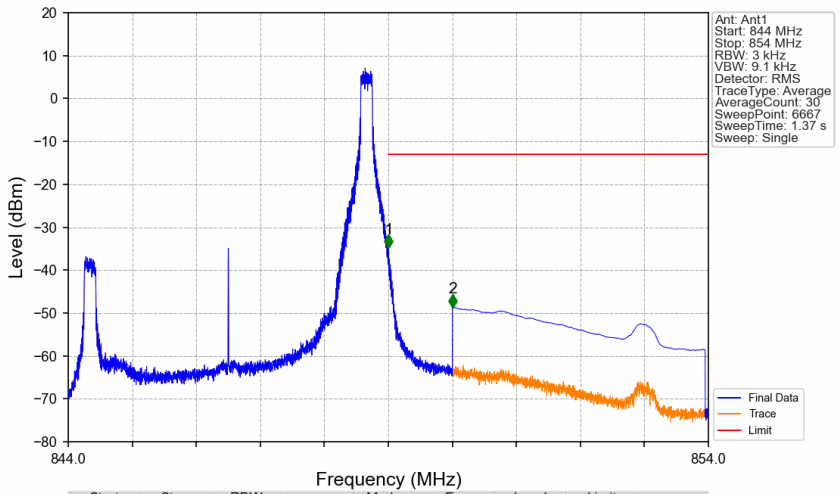
Band5_5MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_0_NTNV

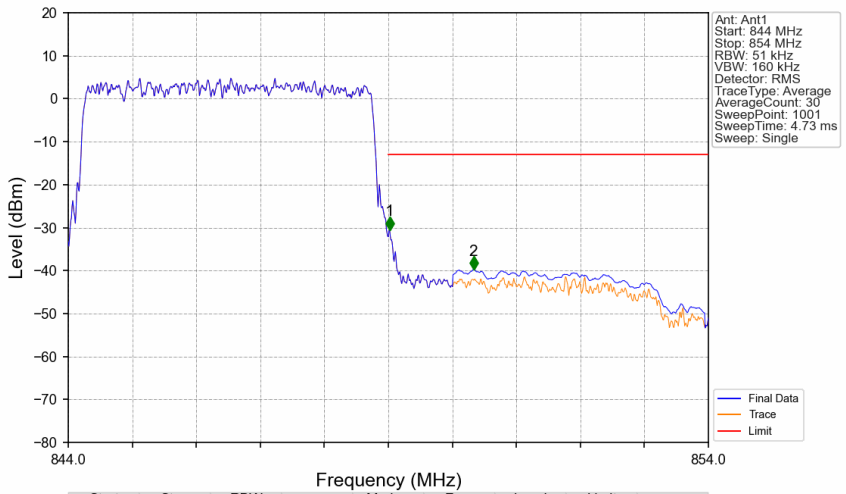


Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_24_NTNV



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	849.003	-34.91	-13	Pass
850	854	0.1	CHP	2	850.005	-48.71	-13	Pass

Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.051	/	/	/	/	/	/
849	850	0.051	/	1	849.020	-30.53	-13	Pass
850	854	0.1	CHP	2	850.330	-39.76	-13	Pass

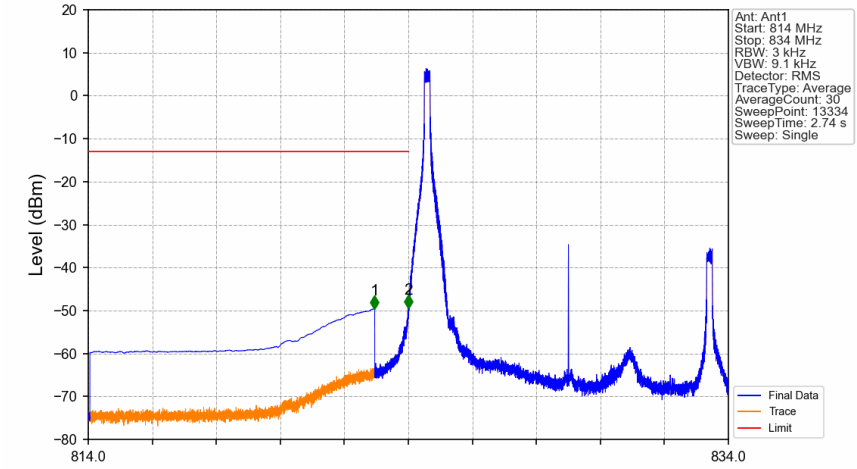
5.4 B5_10MHz

5.4.1 Test Result

Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	829	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	844	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

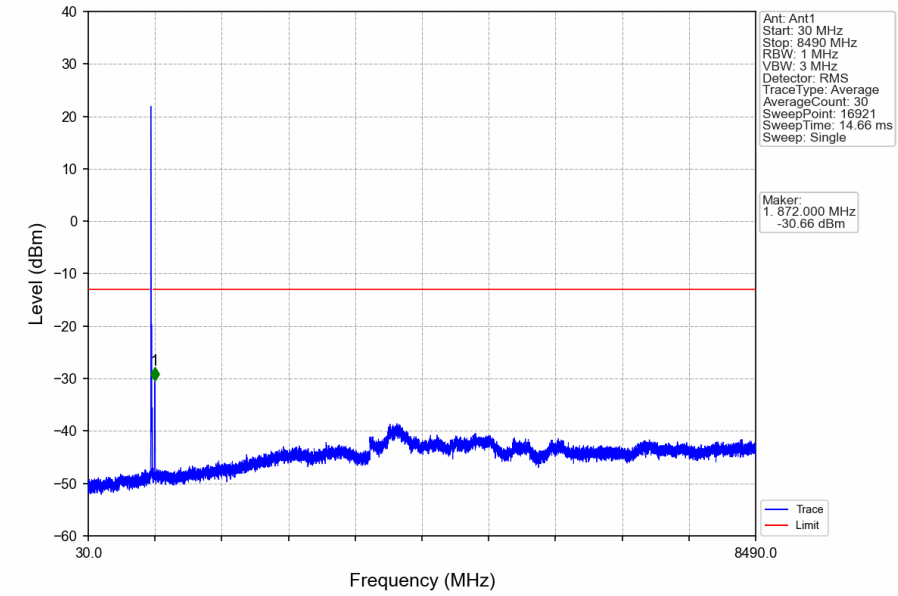
5.4.2 Test Graph

Band5_10MHz_QPSK_LCH_829MHz_RB_1_0_NTNV

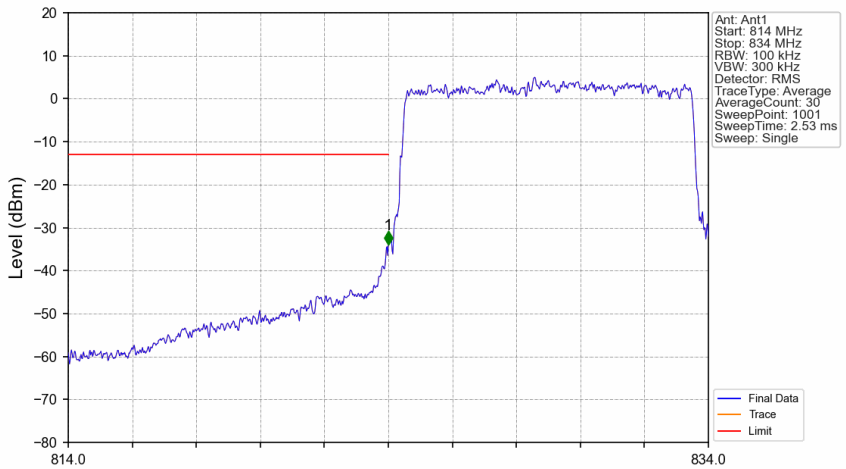


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	823	0.1	CHP	1	822.939	-49.62	-13	Pass
823	824	0.003	/	2	823.999	-49.43	-13	Pass
824	834	0.003	/	/	/	/	/	/

Band5_10MHz_QPSK_LCH_829MHz_RB_1_0_NTNV

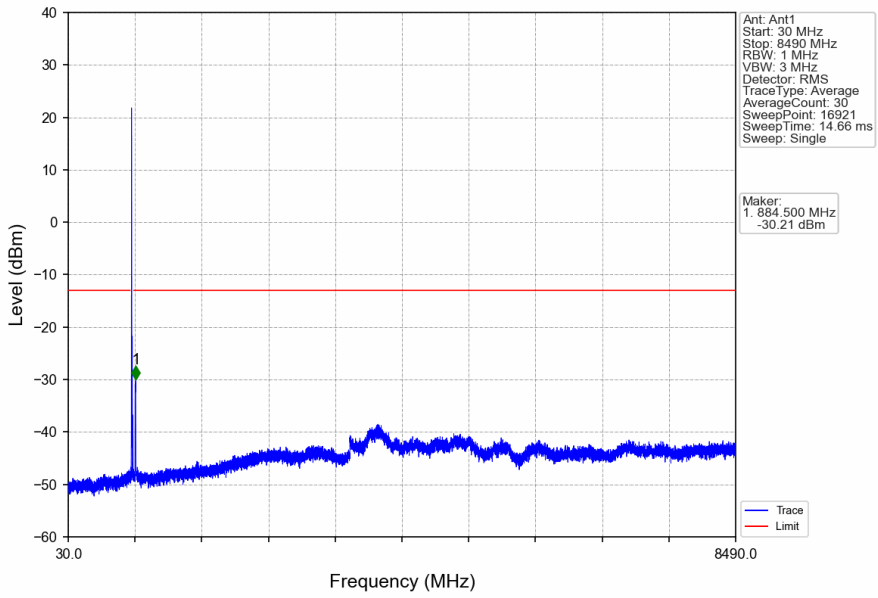


Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV

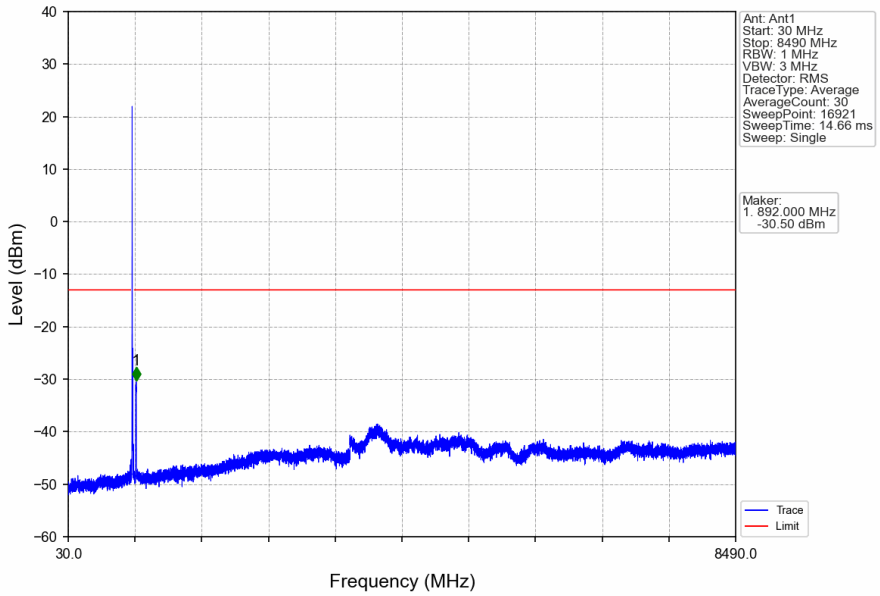


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	824	0.1	/	1	824.000	-33.91	-13	Pass
824	834	0.1	/	/	/	/	/	/

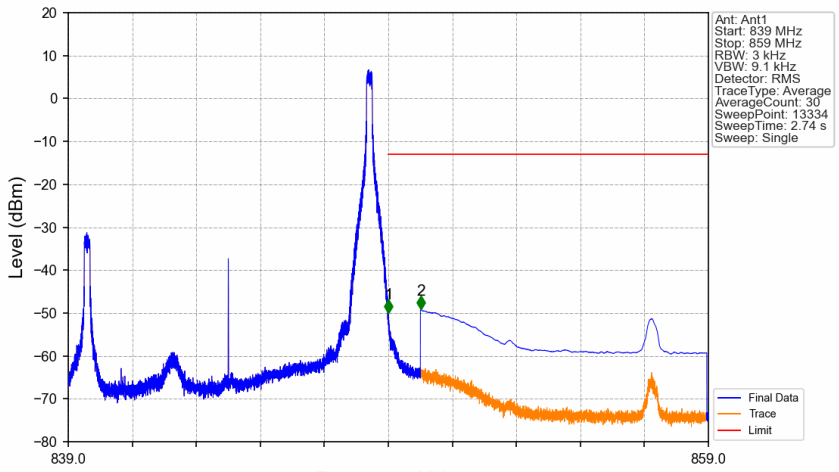
Band5_10MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5_10MHz_QPSK_HCH_844MHz_RB_1_0_NTNV

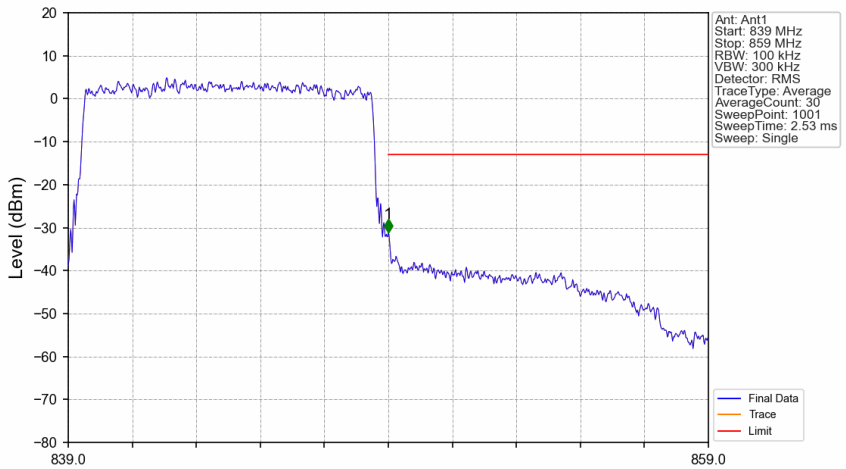


Band5_10MHz_QPSK_HCH_844MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
839	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.004	-49.98	-13	Pass
850	859	0.1	CHP	2	850.010	-49.21	-13	Pass

Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
839	849	0.1	/	/	/	/	/	/
849	859	0.1	/	1	849.000	-31.20	-13	Pass