



Annex for LTE Band 5

Test Report No.: CTL2410232073-WF02

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1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B5_1.4MHz_ERP

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	23.83	3.00	24.68	<=38.45	Pass
			2	23.85	3.00	24.70	<=38.45	Pass
			5	23.79	3.00	24.64	<=38.45	Pass
		3	0	23.79	3.00	24.64	<=38.45	Pass
			2	23.85	3.00	24.70	<=38.45	Pass
			3	23.78	3.00	24.63	<=38.45	Pass
		6	0	22.87	3.00	23.72	<=38.45	Pass
	836.5	1	0	23.78	3.00	24.63	<=38.45	Pass
			2	23.83	3.00	24.68	<=38.45	Pass
			5	23.75	3.00	24.60	<=38.45	Pass
		3	0	23.71	3.00	24.56	<=38.45	Pass
			2	23.78	3.00	24.63	<=38.45	Pass
			3	23.70	3.00	24.55	<=38.45	Pass
		6	0	22.83	3.00	23.68	<=38.45	Pass
	848.3	1	0	23.68	3.00	24.53	<=38.45	Pass
			2	23.71	3.00	24.56	<=38.45	Pass
			5	23.65	3.00	24.50	<=38.45	Pass
		3	0	23.40	3.00	24.25	<=38.45	Pass
			2	23.59	3.00	24.44	<=38.45	Pass
			3	23.51	3.00	24.36	<=38.45	Pass
		6	0	22.70	3.00	23.55	<=38.45	Pass
16QAM	824.7	1	0	23.04	3.00	23.89	<=38.45	Pass
			2	23.09	3.00	23.94	<=38.45	Pass
			5	22.99	3.00	23.84	<=38.45	Pass
		3	0	22.82	3.00	23.67	<=38.45	Pass
			2	22.87	3.00	23.72	<=38.45	Pass
			3	22.81	3.00	23.66	<=38.45	Pass
		6	0	21.89	3.00	22.74	<=38.45	Pass
	836.5	1	0	22.81	3.00	23.66	<=38.45	Pass
			2	22.81	3.00	23.66	<=38.45	Pass
			5	22.78	3.00	23.63	<=38.45	Pass
		3	0	22.90	3.00	23.75	<=38.45	Pass
			2	22.96	3.00	23.81	<=38.45	Pass
			3	22.91	3.00	23.76	<=38.45	Pass
		6	0	21.88	3.00	22.73	<=38.45	Pass
	848.3	1	0	22.68	3.00	23.53	<=38.45	Pass
			2	22.64	3.00	23.49	<=38.45	Pass
			5	22.70	3.00	23.55	<=38.45	Pass
		3	0	22.55	3.00	23.40	<=38.45	Pass
			2	22.55	3.00	23.40	<=38.45	Pass
			3	22.56	3.00	23.41	<=38.45	Pass
		6	0	21.69	3.00	22.54	<=38.45	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

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1.1.2 B5_3MHz_ERP

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	23.93	3.00	24.78	<=38.45	Pass
			7	23.97	3.00	24.82	<=38.45	Pass
			14	23.87	3.00	24.72	<=38.45	Pass
		8	0	22.92	3.00	23.77	<=38.45	Pass
			4	22.92	3.00	23.77	<=38.45	Pass
			7	22.85	3.00	23.70	<=38.45	Pass
		15	0	22.89	3.00	23.74	<=38.45	Pass
	836.5	1	0	23.95	3.00	24.80	<=38.45	Pass
			7	23.98	3.00	24.83	<=38.45	Pass
			14	23.86	3.00	24.71	<=38.45	Pass
		8	0	22.90	3.00	23.75	<=38.45	Pass
			4	22.91	3.00	23.76	<=38.45	Pass
			7	22.85	3.00	23.70	<=38.45	Pass
		15	0	22.84	3.00	23.69	<=38.45	Pass
	847.5	1	0	23.81	3.00	24.66	<=38.45	Pass
			7	23.80	3.00	24.65	<=38.45	Pass
			14	23.70	3.00	24.55	<=38.45	Pass
		8	0	22.81	3.00	23.66	<=38.45	Pass
			4	22.73	3.00	23.58	<=38.45	Pass
			7	22.69	3.00	23.54	<=38.45	Pass
		15	0	22.70	3.00	23.55	<=38.45	Pass
16QAM	825.5	1	0	23.48	3.00	24.33	<=38.45	Pass
			7	23.50	3.00	24.35	<=38.45	Pass
			14	23.41	3.00	24.26	<=38.45	Pass
		8	0	22.09	3.00	22.94	<=38.45	Pass
			4	22.11	3.00	22.96	<=38.45	Pass
			7	22.05	3.00	22.90	<=38.45	Pass
		15	0	21.97	3.00	22.82	<=38.45	Pass
	836.5	1	0	22.97	3.00	23.82	<=38.45	Pass
			7	22.98	3.00	23.83	<=38.45	Pass
			14	22.86	3.00	23.71	<=38.45	Pass
		8	0	21.93	3.00	22.78	<=38.45	Pass
			4	22.00	3.00	22.85	<=38.45	Pass
			7	21.91	3.00	22.76	<=38.45	Pass
		15	0	21.94	3.00	22.79	<=38.45	Pass
	847.5	1	0	22.82	3.00	23.67	<=38.45	Pass
			7	22.87	3.00	23.72	<=38.45	Pass
			14	22.78	3.00	23.63	<=38.45	Pass
		8	0	21.66	3.00	22.51	<=38.45	Pass
			4	21.70	3.00	22.55	<=38.45	Pass
			7	21.61	3.00	22.46	<=38.45	Pass
		15	0	21.60	3.00	22.45	<=38.45	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.1.3 B5_5MHz_ERP

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	23.93	3.00	24.78	<=38.45	Pass
			13	23.94	3.00	24.79	<=38.45	Pass
			24	23.85	3.00	24.70	<=38.45	Pass

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	836.5	12	0	22.91	3.00	23.76	<=38.45	Pass
			6	22.94	3.00	23.79	<=38.45	Pass
			13	22.85	3.00	23.70	<=38.45	Pass
		25	0	22.90	3.00	23.75	<=38.45	Pass
			0	23.95	3.00	24.80	<=38.45	Pass
			13	24.01	3.00	24.86	<=38.45	Pass
		1	24	23.86	3.00	24.71	<=38.45	Pass
			0	22.92	3.00	23.77	<=38.45	Pass
			6	22.93	3.00	23.78	<=38.45	Pass
		12	13	22.89	3.00	23.74	<=38.45	Pass
			0	22.87	3.00	23.72	<=38.45	Pass
			25	0	22.87	3.00	23.72	Pass
	846.5	1	0	23.82	3.00	24.67	<=38.45	Pass
			13	23.87	3.00	24.72	<=38.45	Pass
			24	23.74	3.00	24.59	<=38.45	Pass
		12	0	22.76	3.00	23.61	<=38.45	Pass
			6	22.78	3.00	23.63	<=38.45	Pass
			13	22.70	3.00	23.55	<=38.45	Pass
		25	0	22.69	3.00	23.54	<=38.45	Pass
			0	22.83	3.00	23.68	<=38.45	Pass
			13	22.86	3.00	23.71	<=38.45	Pass
		1	24	22.78	3.00	23.63	<=38.45	Pass
			0	21.93	3.00	22.78	<=38.45	Pass
			6	21.97	3.00	22.82	<=38.45	Pass
16QAM	826.5	12	13	21.89	3.00	22.74	<=38.45	Pass
			0	21.98	3.00	22.83	<=38.45	Pass
			25	0	21.98	3.00	22.83	Pass
		1	0	23.06	3.00	23.91	<=38.45	Pass
			13	23.08	3.00	23.93	<=38.45	Pass
			24	22.98	3.00	23.83	<=38.45	Pass
		12	0	21.93	3.00	22.78	<=38.45	Pass
			6	21.94	3.00	22.79	<=38.45	Pass
			13	21.86	3.00	22.71	<=38.45	Pass
		25	0	21.94	3.00	22.79	<=38.45	Pass
			0	22.96	3.00	23.81	<=38.45	Pass
			13	22.95	3.00	23.80	<=38.45	Pass
	836.5	1	24	22.86	3.00	23.71	<=38.45	Pass
			0	21.79	3.00	22.64	<=38.45	Pass
			6	21.76	3.00	22.61	<=38.45	Pass
		12	13	21.69	3.00	22.54	<=38.45	Pass
			0	21.69	3.00	22.54	<=38.45	Pass
			25	0	21.69	3.00	22.54	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.1.4 B5_10MHz_ERP

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	23.95	3.00	24.80	<=38.45	Pass
			25	23.88	3.00	24.73	<=38.45	Pass
			49	23.91	3.00	24.76	<=38.45	Pass
		25	0	22.91	3.00	23.76	<=38.45	Pass
			13	23.04	3.00	23.89	<=38.45	Pass
			25	22.94	3.00	23.79	<=38.45	Pass
		50	0	22.98	3.00	23.83	<=38.45	Pass
			0	24.02	3.00	24.87	<=38.45	Pass
			25	23.95	3.00	24.80	<=38.45	Pass
	836.5	1	49	23.80	3.00	24.65	<=38.45	Pass

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16QAM	844	25	0	22.94	3.00	23.79	<=38.45	Pass
			13	22.96	3.00	23.81	<=38.45	Pass
			25	22.85	3.00	23.70	<=38.45	Pass
		50	0	22.90	3.00	23.75	<=38.45	Pass
		1	0	23.73	3.00	24.58	<=38.45	Pass
			25	23.78	3.00	24.63	<=38.45	Pass
			49	23.67	3.00	24.52	<=38.45	Pass
	829	25	0	22.72	3.00	23.57	<=38.45	Pass
			13	22.80	3.00	23.65	<=38.45	Pass
			25	22.76	3.00	23.61	<=38.45	Pass
		50	0	22.62	3.00	23.47	<=38.45	Pass
		1	0	23.53	3.00	24.38	<=38.45	Pass
			25	23.40	3.00	24.25	<=38.45	Pass
			49	23.36	3.00	24.21	<=38.45	Pass
16QAM	836.5	12	0	23.06	3.00	23.91	<=38.45	Pass
			19	23.10	3.00	23.95	<=38.45	Pass
			38	23.00	3.00	23.85	<=38.45	Pass
		27	0	21.91	3.00	22.76	<=38.45	Pass
		1	0	23.03	3.00	23.88	<=38.45	Pass
			25	22.91	3.00	23.76	<=38.45	Pass
			49	22.82	3.00	23.67	<=38.45	Pass
	844	12	0	23.02	3.00	23.87	<=38.45	Pass
			19	23.00	3.00	23.85	<=38.45	Pass
			38	22.86	3.00	23.71	<=38.45	Pass
		27	0	22.00	3.00	22.85	<=38.45	Pass
		1	0	22.93	3.00	23.78	<=38.45	Pass
			25	22.91	3.00	23.76	<=38.45	Pass
			49	22.76	3.00	23.61	<=38.45	Pass
	844	12	0	22.77	3.00	23.62	<=38.45	Pass
			19	22.79	3.00	23.64	<=38.45	Pass
			38	22.65	3.00	23.50	<=38.45	Pass
		27	23	21.77	3.00	22.62	<=38.45	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

2. Frequency Stability

2.1 Test Result

2.1.1 B5_1.4MHz

Band: 5 / Bandwidth: 1.4MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	824.7	6	0	20	3.27	6.266	0.0076	-2.5 to 2.5	Pass
					3.85	-1.702	-0.0021	-2.5 to 2.5	Pass
					4.43	-1.302	-0.0016	-2.5 to 2.5	Pass
				-30	3.85	-1.745	-0.0021	-2.5 to 2.5	Pass
				-20	3.85	-4.835	-0.0059	-2.5 to 2.5	Pass
				-10	3.85	0.901	0.0011	-2.5 to 2.5	Pass
				0	3.85	-3.147	-0.0038	-2.5 to 2.5	Pass
				10	3.85	1.888	0.0023	-2.5 to 2.5	Pass
				30	3.85	-4.663	-0.0057	-2.5 to 2.5	Pass
				40	3.85	-0.701	-0.0009	-2.5 to 2.5	Pass
				50	3.85	-3.033	-0.0037	-2.5 to 2.5	Pass

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16QAM	836.5	6	0	20	3.27	-17.281	-0.0207	-2.5 to 2.5	Pass
					3.85	-15.750	-0.0188	-2.5 to 2.5	Pass
					4.43	-8.140	-0.0097	-2.5 to 2.5	Pass
				-30	3.85	-1.388	-0.0017	-2.5 to 2.5	Pass
				-20	3.85	-3.605	-0.0043	-2.5 to 2.5	Pass
				-10	3.85	-5.822	-0.0070	-2.5 to 2.5	Pass
				0	3.85	1.044	0.0012	-2.5 to 2.5	Pass
				10	3.85	-2.060	-0.0025	-2.5 to 2.5	Pass
				30	3.85	-5.350	-0.0064	-2.5 to 2.5	Pass
				40	3.85	1.588	0.0019	-2.5 to 2.5	Pass
				50	3.85	-2.060	-0.0025	-2.5 to 2.5	Pass
	848.3	6	0	20	3.27	-13.261	-0.0156	-2.5 to 2.5	Pass
					3.85	-5.651	-0.0067	-2.5 to 2.5	Pass
					4.43	-5.908	-0.0070	-2.5 to 2.5	Pass
				-30	3.85	1.960	0.0023	-2.5 to 2.5	Pass
				-20	3.85	1.402	0.0017	-2.5 to 2.5	Pass
				-10	3.85	2.131	0.0025	-2.5 to 2.5	Pass
				0	3.85	-6.080	-0.0072	-2.5 to 2.5	Pass
				10	3.85	-4.191	-0.0049	-2.5 to 2.5	Pass
				30	3.85	-1.044	-0.0012	-2.5 to 2.5	Pass
				40	3.85	1.459	0.0017	-2.5 to 2.5	Pass
				50	3.85	-3.762	-0.0044	-2.5 to 2.5	Pass
	824.7	6	0	20	3.27	-3.176	-0.0039	-2.5 to 2.5	Pass
					3.85	-0.815	-0.0010	-2.5 to 2.5	Pass
					4.43	-4.377	-0.0053	-2.5 to 2.5	Pass
				-30	3.85	-4.249	-0.0052	-2.5 to 2.5	Pass
				-20	3.85	2.990	0.0036	-2.5 to 2.5	Pass
				-10	3.85	1.545	0.0019	-2.5 to 2.5	Pass
				0	3.85	-1.674	-0.0020	-2.5 to 2.5	Pass
				10	3.85	-4.306	-0.0052	-2.5 to 2.5	Pass
				30	3.85	-2.975	-0.0036	-2.5 to 2.5	Pass
				40	3.85	1.903	0.0023	-2.5 to 2.5	Pass
				50	3.85	-2.818	-0.0034	-2.5 to 2.5	Pass
	836.5	6	0	20	3.27	-4.849	-0.0058	-2.5 to 2.5	Pass
					3.85	-3.033	-0.0036	-2.5 to 2.5	Pass
					4.43	1.760	0.0021	-2.5 to 2.5	Pass
				-30	3.85	-3.734	-0.0045	-2.5 to 2.5	Pass
				-20	3.85	-0.930	-0.0011	-2.5 to 2.5	Pass
				-10	3.85	1.187	0.0014	-2.5 to 2.5	Pass
				0	3.85	1.903	0.0023	-2.5 to 2.5	Pass
				10	3.85	-3.791	-0.0045	-2.5 to 2.5	Pass
				30	3.85	-4.249	-0.0051	-2.5 to 2.5	Pass
				40	3.85	-4.206	-0.0050	-2.5 to 2.5	Pass
				50	3.85	-5.364	-0.0064	-2.5 to 2.5	Pass
	848.3	6	0	20	3.27	-1.173	-0.0014	-2.5 to 2.5	Pass
					3.85	1.359	0.0016	-2.5 to 2.5	Pass
					4.43	0.072	0.0001	-2.5 to 2.5	Pass
				-30	3.85	-3.119	-0.0037	-2.5 to 2.5	Pass
				-20	3.85	-5.679	-0.0067	-2.5 to 2.5	Pass
				-10	3.85	0.000	0.0000	-2.5 to 2.5	Pass
				0	3.85	-3.419	-0.0040	-2.5 to 2.5	Pass
				10	3.85	-5.693	-0.0067	-2.5 to 2.5	Pass
				30	3.85	-3.905	-0.0046	-2.5 to 2.5	Pass
				40	3.85	0.615	0.0007	-2.5 to 2.5	Pass
				50	3.85	-3.033	-0.0036	-2.5 to 2.5	Pass

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2.1.2 B5_3MHz

Band: 5 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	825.5	15	0	20	3.27	-0.315	-0.0004	-2.5 to 2.5	Pass
					3.85	1.831	0.0022	-2.5 to 2.5	Pass
					4.43	5.522	0.0067	-2.5 to 2.5	Pass
				-30	3.85	4.077	0.0049	-2.5 to 2.5	Pass
				-20	3.85	4.392	0.0053	-2.5 to 2.5	Pass
				-10	3.85	8.211	0.0099	-2.5 to 2.5	Pass
				0	3.85	2.532	0.0031	-2.5 to 2.5	Pass
				10	3.85	3.161	0.0038	-2.5 to 2.5	Pass
				30	3.85	6.337	0.0077	-2.5 to 2.5	Pass
				40	3.85	7.210	0.0087	-2.5 to 2.5	Pass
				50	3.85	0.386	0.0005	-2.5 to 2.5	Pass
	836.5	15	0	20	3.27	-2.604	-0.0031	-2.5 to 2.5	Pass
					3.85	-2.975	-0.0036	-2.5 to 2.5	Pass
					4.43	-4.020	-0.0048	-2.5 to 2.5	Pass
				-30	3.85	-2.403	-0.0029	-2.5 to 2.5	Pass
				-20	3.85	1.702	0.0020	-2.5 to 2.5	Pass
				-10	3.85	-1.073	-0.0013	-2.5 to 2.5	Pass
				0	3.85	-4.334	-0.0052	-2.5 to 2.5	Pass
				10	3.85	1.917	0.0023	-2.5 to 2.5	Pass
				30	3.85	-0.901	-0.0011	-2.5 to 2.5	Pass
				40	3.85	-3.190	-0.0038	-2.5 to 2.5	Pass
				50	3.85	-5.293	-0.0063	-2.5 to 2.5	Pass
	847.5	15	0	20	3.27	-1.330	-0.0016	-2.5 to 2.5	Pass
					3.85	-2.718	-0.0032	-2.5 to 2.5	Pass
					4.43	-2.389	-0.0028	-2.5 to 2.5	Pass
				-30	3.85	-2.117	-0.0025	-2.5 to 2.5	Pass
				-20	3.85	-1.273	-0.0015	-2.5 to 2.5	Pass
				-10	3.85	0.958	0.0011	-2.5 to 2.5	Pass
				0	3.85	2.918	0.0034	-2.5 to 2.5	Pass
				10	3.85	5.279	0.0062	-2.5 to 2.5	Pass
				30	3.85	-0.100	-0.0001	-2.5 to 2.5	Pass
				40	3.85	3.448	0.0041	-2.5 to 2.5	Pass
				50	3.85	-1.087	-0.0013	-2.5 to 2.5	Pass
16QAM	825.5	15	0	20	3.27	3.862	0.0047	-2.5 to 2.5	Pass
					3.85	6.123	0.0074	-2.5 to 2.5	Pass
					4.43	4.578	0.0055	-2.5 to 2.5	Pass
				-30	3.85	3.877	0.0047	-2.5 to 2.5	Pass
				-20	3.85	2.389	0.0029	-2.5 to 2.5	Pass
				-10	3.85	0.930	0.0011	-2.5 to 2.5	Pass
				0	3.85	-0.443	-0.0005	-2.5 to 2.5	Pass
				10	3.85	1.073	0.0013	-2.5 to 2.5	Pass
				30	3.85	4.191	0.0051	-2.5 to 2.5	Pass
				40	3.85	3.476	0.0042	-2.5 to 2.5	Pass
				50	3.85	2.360	0.0029	-2.5 to 2.5	Pass
	836.5	15	0	20	3.27	1.016	0.0012	-2.5 to 2.5	Pass
					3.85	-3.891	-0.0047	-2.5 to 2.5	Pass
					4.43	-5.136	-0.0061	-2.5 to 2.5	Pass
				-30	3.85	2.990	0.0036	-2.5 to 2.5	Pass
				-20	3.85	0.658	0.0008	-2.5 to 2.5	Pass
				-10	3.85	-2.174	-0.0026	-2.5 to 2.5	Pass
				0	3.85	-5.536	-0.0066	-2.5 to 2.5	Pass
				10	3.85	-0.587	-0.0007	-2.5 to 2.5	Pass
				30	3.85	-5.107	-0.0061	-2.5 to 2.5	Pass

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	847.5	15	0	40	3.85	0.200	0.0002	-2.5 to 2.5	Pass
				50	3.85	-4.292	-0.0051	-2.5 to 2.5	Pass
				20	3.27	3.390	0.0040	-2.5 to 2.5	Pass
					3.85	-2.017	-0.0024	-2.5 to 2.5	Pass
					4.43	-4.907	-0.0058	-2.5 to 2.5	Pass
				-30	3.85	2.246	0.0027	-2.5 to 2.5	Pass
				-20	3.85	-0.787	-0.0009	-2.5 to 2.5	Pass
				-10	3.85	-4.120	-0.0049	-2.5 to 2.5	Pass
				0	3.85	1.388	0.0016	-2.5 to 2.5	Pass
				10	3.85	-4.191	-0.0049	-2.5 to 2.5	Pass
				30	3.85	0.901	0.0011	-2.5 to 2.5	Pass
				40	3.85	-3.219	-0.0038	-2.5 to 2.5	Pass
				50	3.85	0.944	0.0011	-2.5 to 2.5	Pass

2.1.3 B5_5MHz

Band: 5 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	826.5	25	0	20	3.27	1.001	0.0012	-2.5 to 2.5	Pass
					3.85	1.173	0.0014	-2.5 to 2.5	Pass
					4.43	0.658	0.0008	-2.5 to 2.5	Pass
				-30	3.85	-3.018	-0.0037	-2.5 to 2.5	Pass
				-20	3.85	3.133	0.0038	-2.5 to 2.5	Pass
				-10	3.85	3.119	0.0038	-2.5 to 2.5	Pass
				0	3.85	3.648	0.0044	-2.5 to 2.5	Pass
				10	3.85	-1.502	-0.0018	-2.5 to 2.5	Pass
				30	3.85	-0.987	-0.0012	-2.5 to 2.5	Pass
				40	3.85	1.702	0.0021	-2.5 to 2.5	Pass
				50	3.85	-3.777	-0.0046	-2.5 to 2.5	Pass
	836.5	25	0	20	3.27	-0.415	-0.0005	-2.5 to 2.5	Pass
					3.85	-6.723	-0.0080	-2.5 to 2.5	Pass
					4.43	0.701	0.0008	-2.5 to 2.5	Pass
				-30	3.85	-1.945	-0.0023	-2.5 to 2.5	Pass
				-20	3.85	-3.920	-0.0047	-2.5 to 2.5	Pass
				-10	3.85	-5.593	-0.0067	-2.5 to 2.5	Pass
				0	3.85	-3.061	-0.0037	-2.5 to 2.5	Pass
				10	3.85	1.531	0.0018	-2.5 to 2.5	Pass
				30	3.85	0.043	0.0001	-2.5 to 2.5	Pass
				40	3.85	-1.359	-0.0016	-2.5 to 2.5	Pass
				50	3.85	-1.974	-0.0024	-2.5 to 2.5	Pass
	846.5	25	0	20	3.27	0.744	0.0009	-2.5 to 2.5	Pass
					3.85	3.633	0.0043	-2.5 to 2.5	Pass
					4.43	-0.358	-0.0004	-2.5 to 2.5	Pass
				-30	3.85	5.465	0.0065	-2.5 to 2.5	Pass
				-20	3.85	2.003	0.0024	-2.5 to 2.5	Pass
				-10	3.85	4.263	0.0050	-2.5 to 2.5	Pass
				0	3.85	4.663	0.0055	-2.5 to 2.5	Pass
				10	3.85	2.017	0.0024	-2.5 to 2.5	Pass
				30	3.85	7.524	0.0089	-2.5 to 2.5	Pass
				40	3.85	6.237	0.0074	-2.5 to 2.5	Pass
				50	3.85	5.035	0.0059	-2.5 to 2.5	Pass
16QAM	826.5	25	0	20	3.27	-0.501	-0.0006	-2.5 to 2.5	Pass
					3.85	1.774	0.0021	-2.5 to 2.5	Pass
					4.43	-0.772	-0.0009	-2.5 to 2.5	Pass
				-30	3.85	-4.177	-0.0051	-2.5 to 2.5	Pass

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				-20	3.85	1.044	0.0013	-2.5 to 2.5	Pass
				-10	3.85	-2.875	-0.0035	-2.5 to 2.5	Pass
				0	3.85	2.131	0.0026	-2.5 to 2.5	Pass
				10	3.85	-3.433	-0.0042	-2.5 to 2.5	Pass
				30	3.85	0.715	0.0009	-2.5 to 2.5	Pass
				40	3.85	-0.830	-0.0010	-2.5 to 2.5	Pass
				50	3.85	-1.130	-0.0014	-2.5 to 2.5	Pass
	836.5	25	0	20	3.27	-2.589	-0.0031	-2.5 to 2.5	Pass
					3.85	-4.578	-0.0055	-2.5 to 2.5	Pass
					4.43	-4.606	-0.0055	-2.5 to 2.5	Pass
				-30	3.85	2.332	0.0028	-2.5 to 2.5	Pass
				-20	3.85	-6.495	-0.0078	-2.5 to 2.5	Pass
				-10	3.85	0.615	0.0007	-2.5 to 2.5	Pass
				0	3.85	-4.306	-0.0051	-2.5 to 2.5	Pass
				10	3.85	-4.907	-0.0059	-2.5 to 2.5	Pass
				30	3.85	1.216	0.0015	-2.5 to 2.5	Pass
				40	3.85	-1.445	-0.0017	-2.5 to 2.5	Pass
				50	3.85	-5.693	-0.0068	-2.5 to 2.5	Pass
	846.5	25	0	20	3.27	3.147	0.0037	-2.5 to 2.5	Pass
					3.85	7.839	0.0093	-2.5 to 2.5	Pass
					4.43	-1.116	-0.0013	-2.5 to 2.5	Pass
				-30	3.85	6.881	0.0081	-2.5 to 2.5	Pass
				-20	3.85	5.751	0.0068	-2.5 to 2.5	Pass
				-10	3.85	4.964	0.0059	-2.5 to 2.5	Pass
				0	3.85	2.203	0.0026	-2.5 to 2.5	Pass
				10	3.85	-0.100	-0.0001	-2.5 to 2.5	Pass
				30	3.85	6.852	0.0081	-2.5 to 2.5	Pass
				40	3.85	2.775	0.0033	-2.5 to 2.5	Pass
				50	3.85	-0.429	-0.0005	-2.5 to 2.5	Pass

2.1.4 B5_10MHz

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	3.27	-4.134	-0.0050	-2.5 to 2.5	Pass
					3.85	-1.917	-0.0023	-2.5 to 2.5	Pass
					4.43	-6.194	-0.0075	-2.5 to 2.5	Pass
				-30	3.85	-5.894	-0.0071	-2.5 to 2.5	Pass
				-20	3.85	-5.708	-0.0069	-2.5 to 2.5	Pass
				-10	3.85	-2.074	-0.0025	-2.5 to 2.5	Pass
				0	3.85	-5.622	-0.0068	-2.5 to 2.5	Pass
				10	3.85	1.230	0.0015	-2.5 to 2.5	Pass
				30	3.85	0.100	0.0001	-2.5 to 2.5	Pass
				40	3.85	-0.658	-0.0008	-2.5 to 2.5	Pass
				50	3.85	-0.615	-0.0007	-2.5 to 2.5	Pass
	836.5	50	0	20	3.27	-6.309	-0.0075	-2.5 to 2.5	Pass
					3.85	2.646	0.0032	-2.5 to 2.5	Pass
					4.43	-4.277	-0.0051	-2.5 to 2.5	Pass
				-30	3.85	-0.587	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	-5.579	-0.0067	-2.5 to 2.5	Pass
				-10	3.85	-0.215	-0.0003	-2.5 to 2.5	Pass
				0	3.85	-5.236	-0.0063	-2.5 to 2.5	Pass
				10	3.85	-7.610	-0.0091	-2.5 to 2.5	Pass
				30	3.85	-2.389	-0.0029	-2.5 to 2.5	Pass
				40	3.85	-5.779	-0.0069	-2.5 to 2.5	Pass

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	844	50	0	50	3.85	-1.345	-0.0016	-2.5 to 2.5	Pass
				20	3.27	-2.661	-0.0032	-2.5 to 2.5	Pass
					3.85	-3.304	-0.0039	-2.5 to 2.5	Pass
					4.43	-1.616	-0.0019	-2.5 to 2.5	Pass
				-30	3.85	-7.367	-0.0087	-2.5 to 2.5	Pass
				-20	3.85	-5.794	-0.0069	-2.5 to 2.5	Pass
				-10	3.85	-1.888	-0.0022	-2.5 to 2.5	Pass
				0	3.85	-4.377	-0.0052	-2.5 to 2.5	Pass
				10	3.85	-2.718	-0.0032	-2.5 to 2.5	Pass
				30	3.85	-0.014	0.0000	-2.5 to 2.5	Pass
				40	3.85	-1.574	-0.0019	-2.5 to 2.5	Pass
				50	3.85	-5.751	-0.0068	-2.5 to 2.5	Pass
16QAM	829	27	0	20	3.27	0.143	0.0002	-2.5 to 2.5	Pass
					3.85	-0.772	-0.0009	-2.5 to 2.5	Pass
					4.43	-7.324	-0.0088	-2.5 to 2.5	Pass
				-30	3.85	-4.492	-0.0054	-2.5 to 2.5	Pass
				-20	3.85	-2.403	-0.0029	-2.5 to 2.5	Pass
				-10	3.85	-0.644	-0.0008	-2.5 to 2.5	Pass
				0	3.85	1.516	0.0018	-2.5 to 2.5	Pass
				10	3.85	-5.879	-0.0071	-2.5 to 2.5	Pass
				30	3.85	-4.091	-0.0049	-2.5 to 2.5	Pass
				40	3.85	-2.704	-0.0033	-2.5 to 2.5	Pass
				50	3.85	-1.931	-0.0023	-2.5 to 2.5	Pass
	836.5	27	0	20	3.27	-1.431	-0.0017	-2.5 to 2.5	Pass
					3.85	-5.364	-0.0064	-2.5 to 2.5	Pass
					4.43	-3.862	-0.0046	-2.5 to 2.5	Pass
				-30	3.85	-4.706	-0.0056	-2.5 to 2.5	Pass
				-20	3.85	-4.964	-0.0059	-2.5 to 2.5	Pass
				-10	3.85	1.259	0.0015	-2.5 to 2.5	Pass
				0	3.85	-0.257	-0.0003	-2.5 to 2.5	Pass
				10	3.85	-2.074	-0.0025	-2.5 to 2.5	Pass
				30	3.85	-5.393	-0.0064	-2.5 to 2.5	Pass
				40	3.85	0.086	0.0001	-2.5 to 2.5	Pass
				50	3.85	-4.249	-0.0051	-2.5 to 2.5	Pass
	844	27	23	20	3.27	1.016	0.0012	-2.5 to 2.5	Pass
					3.85	-3.705	-0.0044	-2.5 to 2.5	Pass
					4.43	-3.076	-0.0036	-2.5 to 2.5	Pass
				-30	3.85	-3.262	-0.0039	-2.5 to 2.5	Pass
				-20	3.85	-4.592	-0.0054	-2.5 to 2.5	Pass
				-10	3.85	-6.666	-0.0079	-2.5 to 2.5	Pass
				0	3.85	-0.229	-0.0003	-2.5 to 2.5	Pass
				10	3.85	-3.419	-0.0041	-2.5 to 2.5	Pass
				30	3.85	-7.052	-0.0084	-2.5 to 2.5	Pass
				40	3.85	-2.275	-0.0027	-2.5 to 2.5	Pass
				50	3.85	-6.280	-0.0074	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B5_1.4MHz

Band: 5 / Bandwidth: 1.4MHz / NTN				
Modulation	Frequency	RB Allocation	Modulation Characteristics	Verdict

FCCID: 2AU4A-BMS100

	(MHz)	Size	Offset	Result	Limit	
QPSK	836.5	6	0	Refer To Test Graph		Pass
16QAM	836.5	6	0	Refer To Test Graph		Pass

3.1.2 B5_3MHz

Band: 5 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	15	0	Refer To Test Graph		Pass
16QAM	836.5	15	0	Refer To Test Graph		Pass

3.1.3 B5_5MHz

Band: 5 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	25	0	Refer To Test Graph		Pass
16QAM	836.5	25	0	Refer To Test Graph		Pass

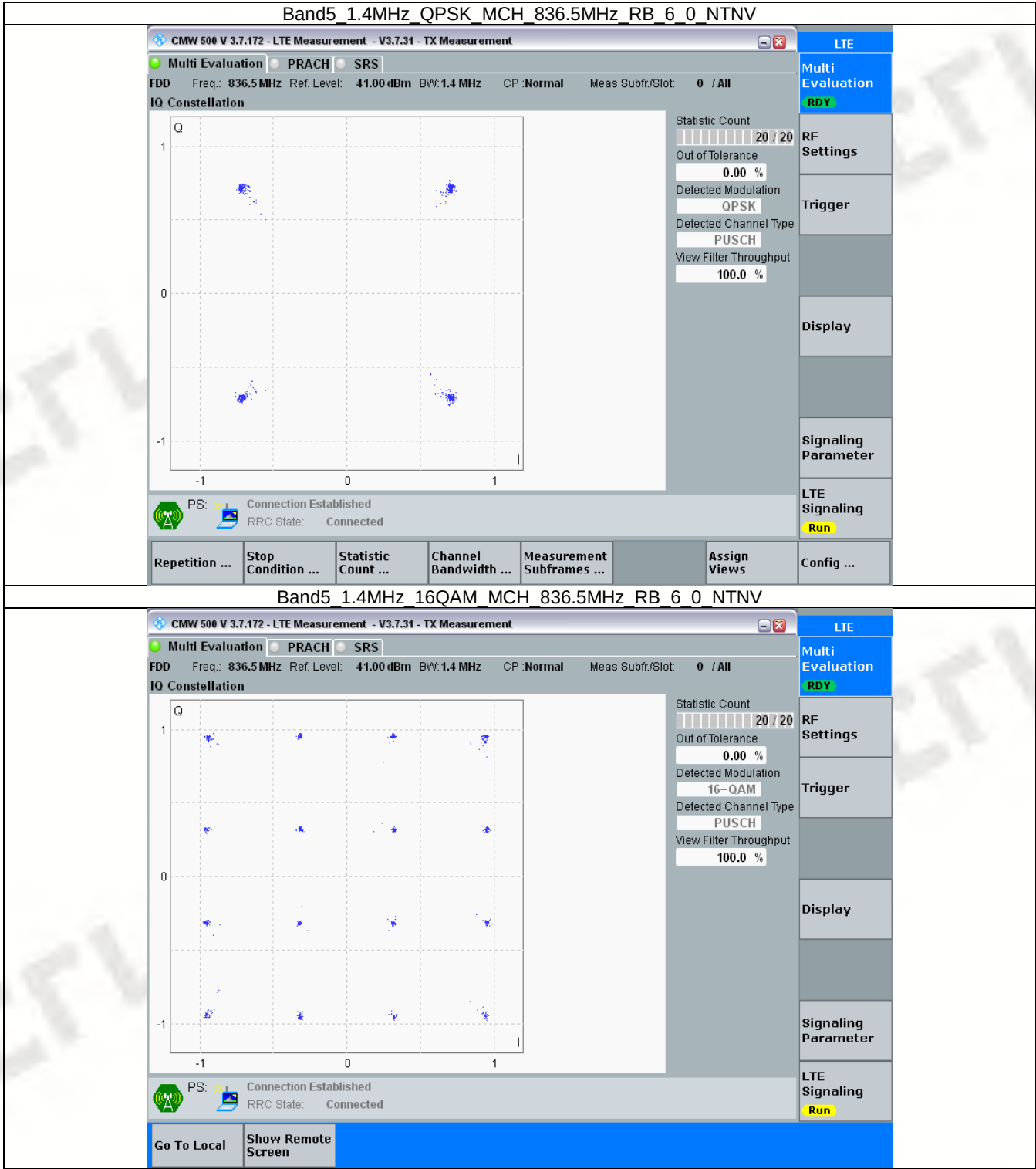
3.1.4 B5_10MHz

Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	50	0	Refer To Test Graph		Pass
16QAM	836.5	27	0	Refer To Test Graph		Pass

FCCID: 2AU4A-BMS100

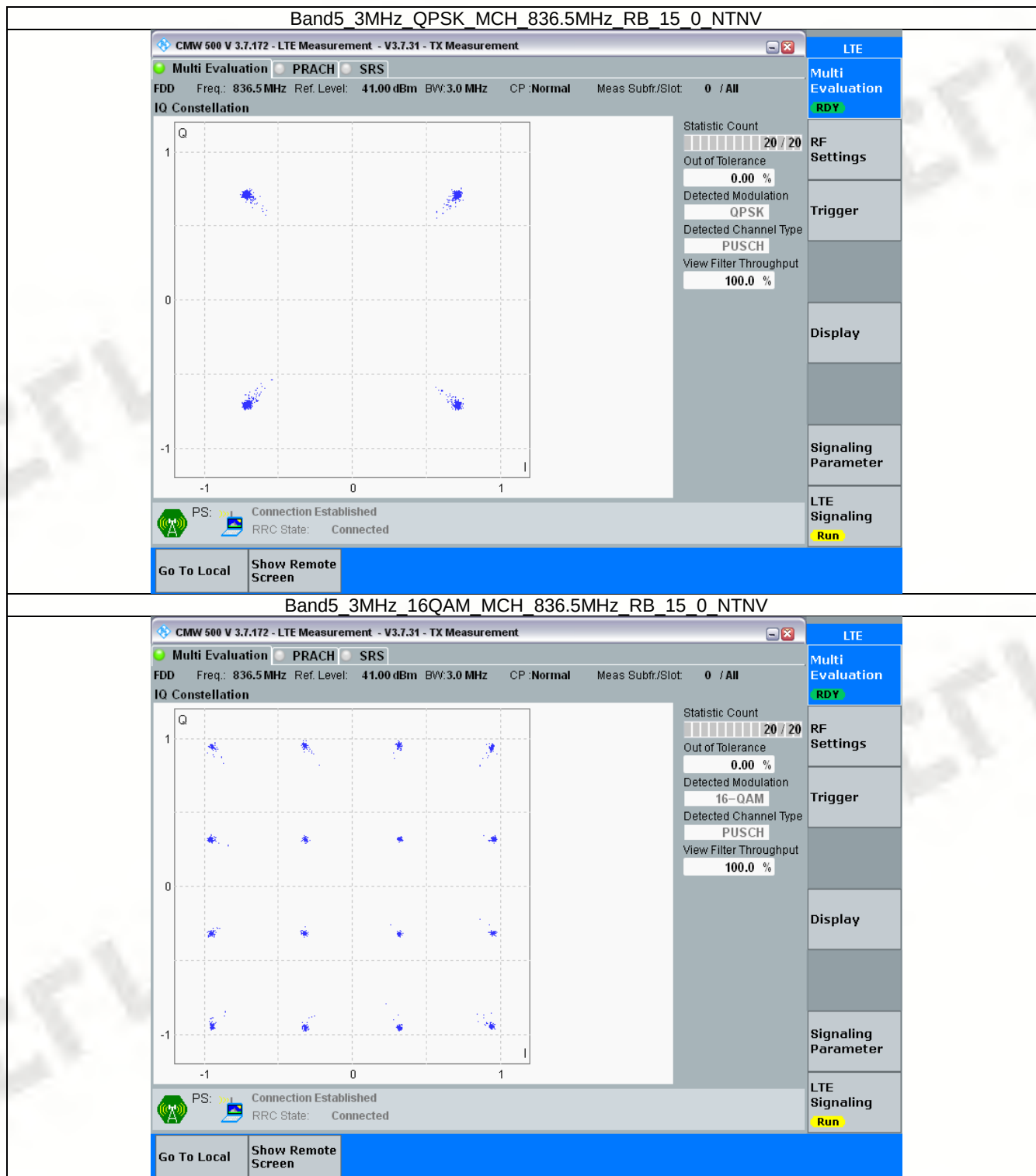
3.2 Test Graph

3.2.1 B5_1.4MHz



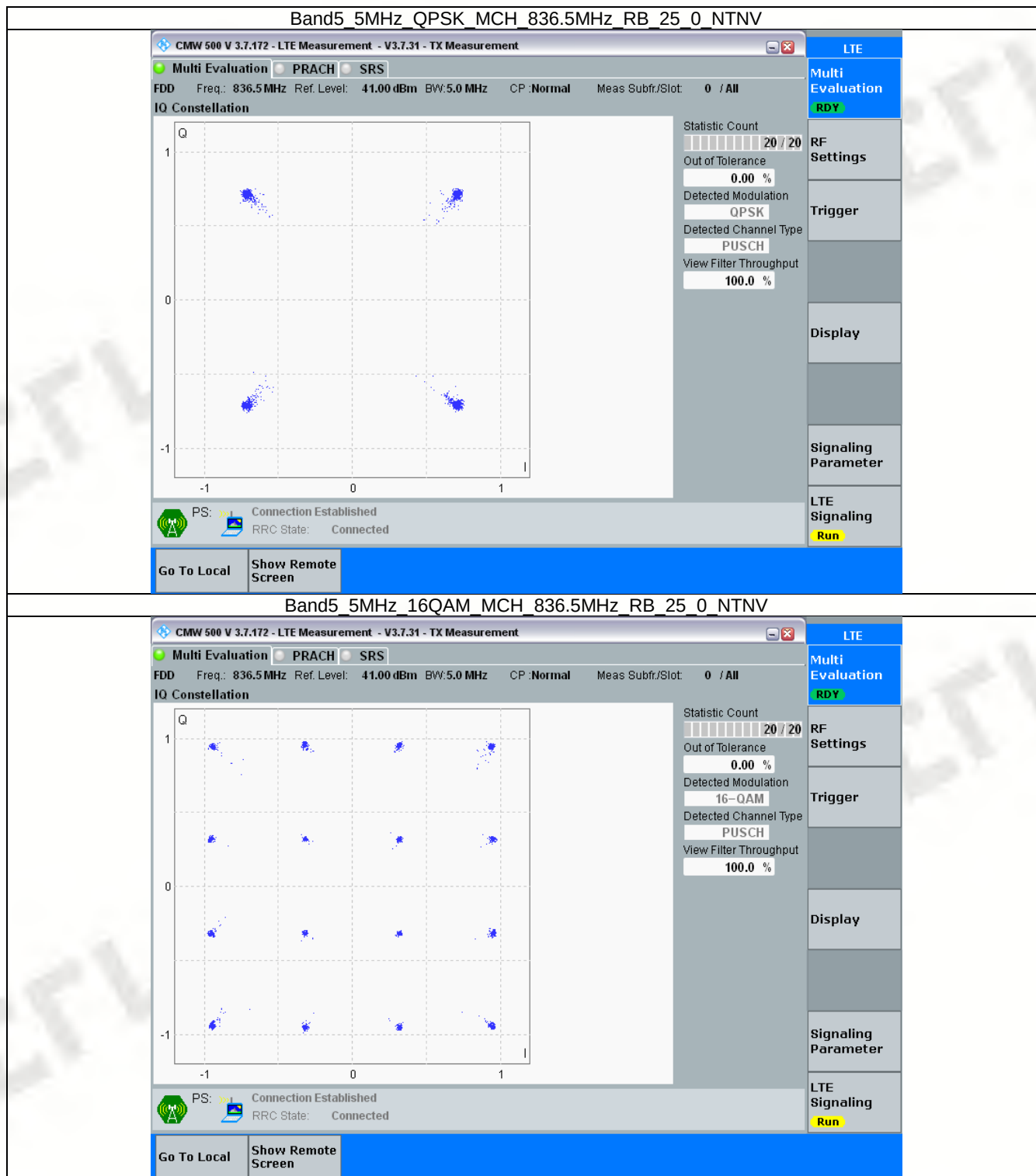
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3.2.2 B5_3MHz



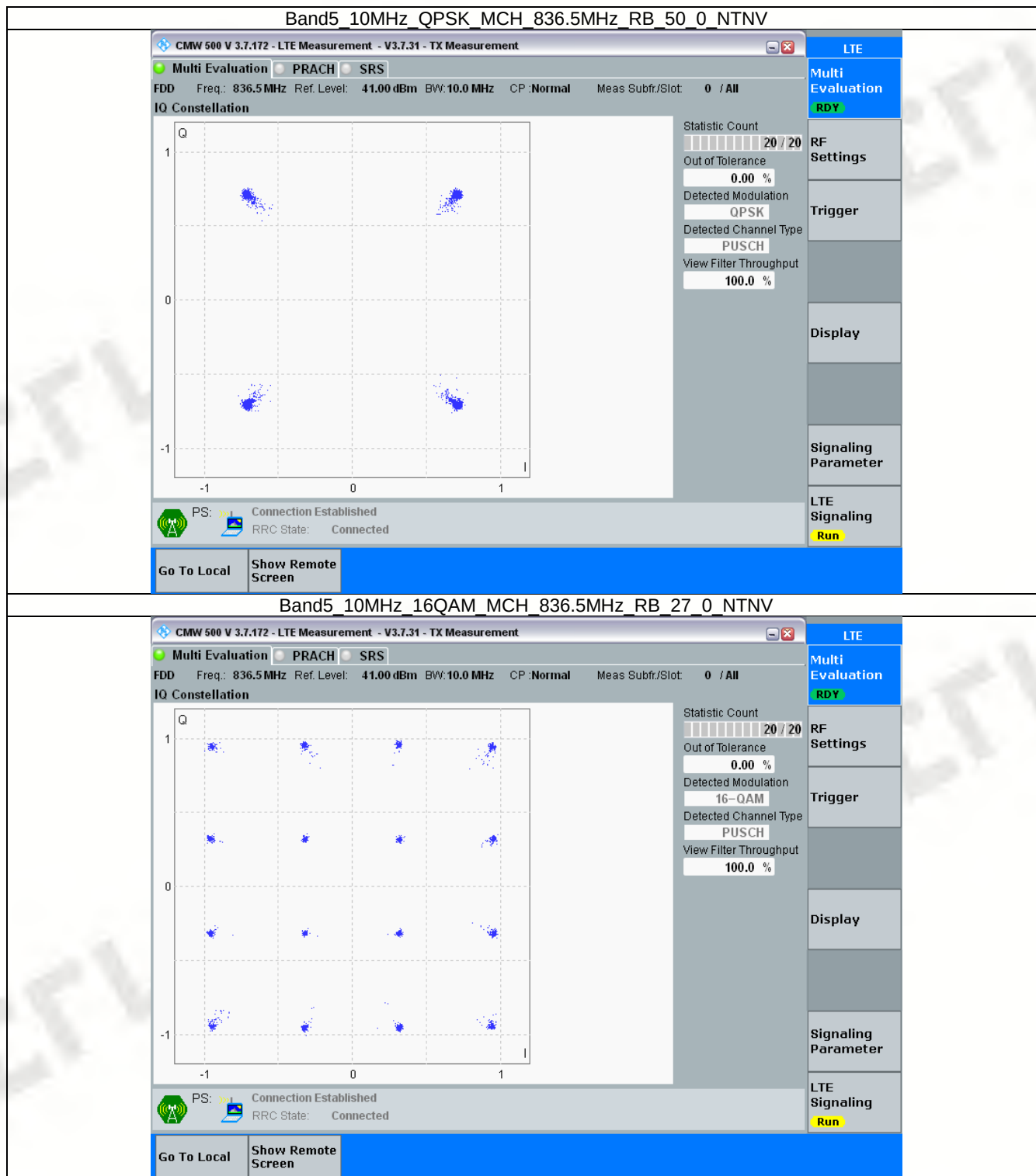
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3.2.3 B5_5MHz



FCCID: 2AU4A-BMS100

3.2.4 B5_10MHz



4. 99% & 26dB Bandwidth

4.1 Test Result

4.1.1 Band5_OBW

Band: 5 / NTN							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	824.7	6	0	1.111	/	Pass
		836.5	6	0	1.104	/	Pass
		848.3	6	0	1.122	/	Pass
	16QAM	824.7	6	0	1.106	/	Pass
		836.5	6	0	1.105	/	Pass
		848.3	6	0	1.105	/	Pass
3	QPSK	825.5	15	0	2.738	/	Pass
		836.5	15	0	2.746	/	Pass
		847.5	15	0	2.747	/	Pass
	16QAM	825.5	15	0	2.728	/	Pass
		836.5	15	0	2.736	/	Pass
		847.5	15	0	2.744	/	Pass
5	QPSK	826.5	25	0	4.566	/	Pass
		836.5	25	0	4.546	/	Pass
		846.5	25	0	4.547	/	Pass
	16QAM	826.5	25	0	4.542	/	Pass
		836.5	25	0	4.555	/	Pass
		846.5	25	0	4.583	/	Pass
10	QPSK	829	50	0	9.068	/	Pass
		836.5	50	0	9.068	/	Pass
		844	50	0	9.027	/	Pass
	16QAM	829	27	0	5.068	/	Pass
		836.5	27	0	5.073	/	Pass
		844	27	23	5.083	/	Pass

4.1.2 Band5_XDB

Band: 5 / NTN							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	824.7	6	0	1.264	/	Pass
		836.5	6	0	1.269	/	Pass
		848.3	6	0	1.270	/	Pass
	16QAM	824.7	6	0	1.271	/	Pass
		836.5	6	0	1.257	/	Pass
		848.3	6	0	1.281	/	Pass
3	QPSK	825.5	15	0	3.096	/	Pass
		836.5	15	0	3.050	/	Pass
		847.5	15	0	3.124	/	Pass
	16QAM	825.5	15	0	3.085	/	Pass
		836.5	15	0	3.070	/	Pass
		847.5	15	0	3.061	/	Pass
5	QPSK	826.5	25	0	5.055	/	Pass

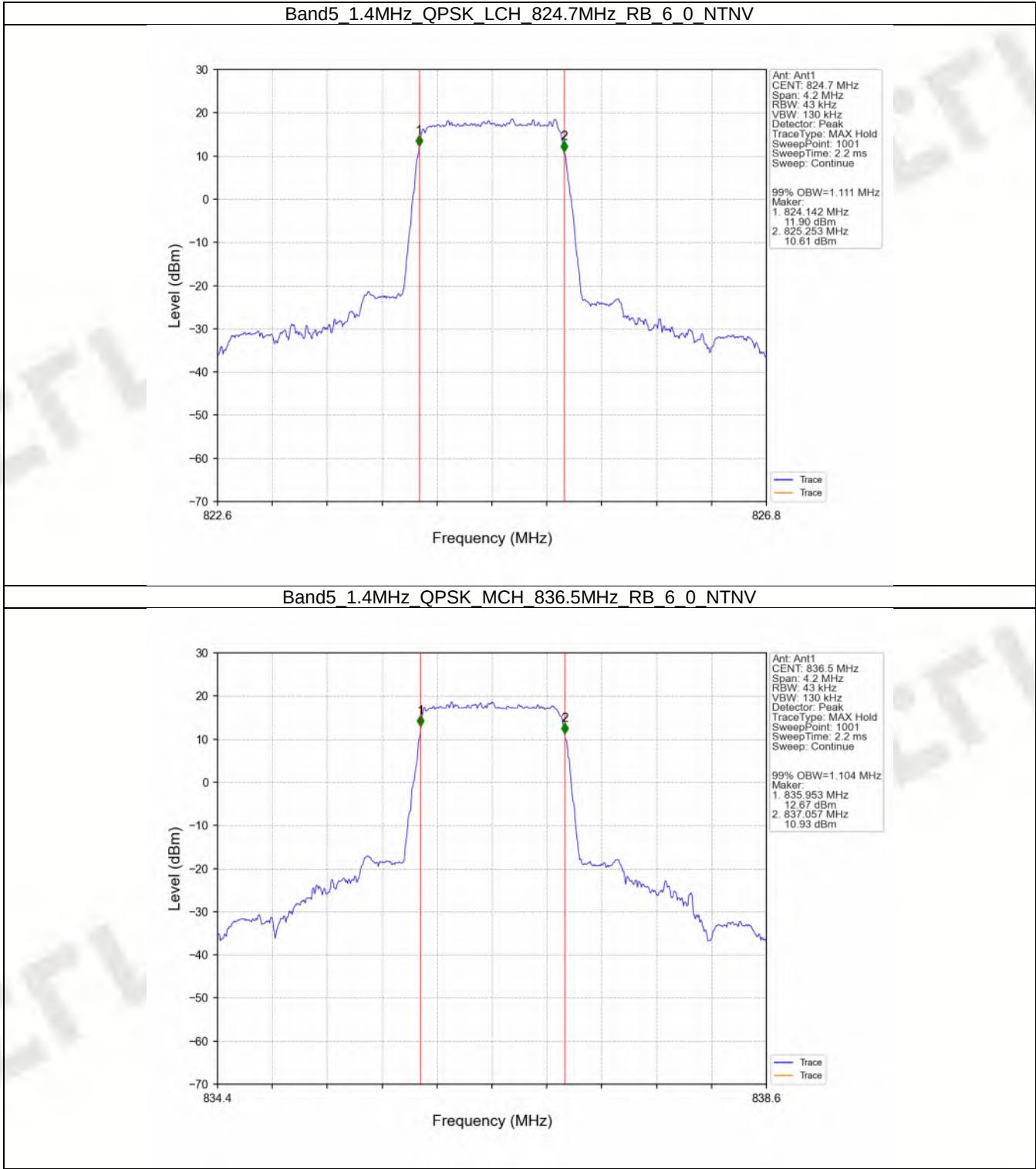
FCCID: 2AU4A-BMS100

	16QAM	836.5	25	0	5.045	/	Pass
		846.5	25	0	5.068	/	Pass
		826.5	25	0	5.051	/	Pass
		836.5	25	0	5.045	/	Pass
		846.5	25	0	5.033	/	Pass
10	QPSK	829	50	0	9.974	/	Pass
		836.5	50	0	9.989	/	Pass
		844	50	0	9.996	/	Pass
	16QAM	829	27	0	5.981	/	Pass
		836.5	27	0	6.076	/	Pass
		844	27	23	6.107	/	Pass

FCCID: 2AU4A-BMS100

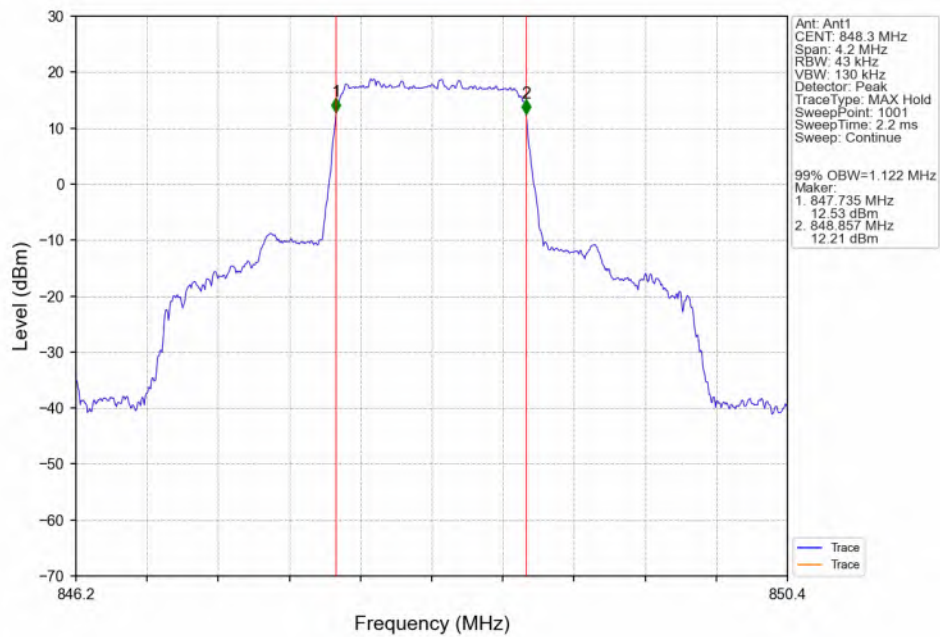
4.2 Test Graph

4.2.1 Band5_OBW

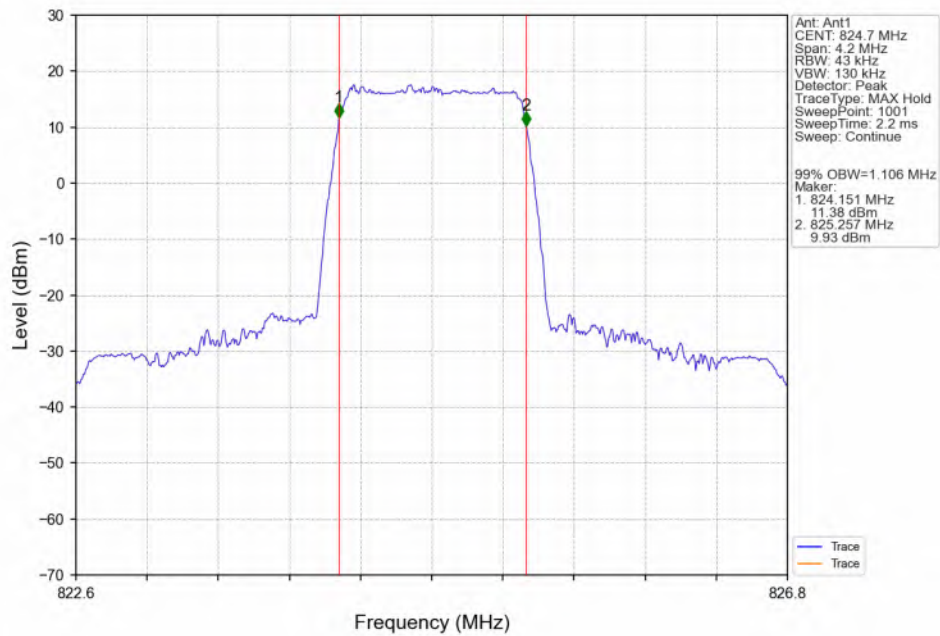


FCCID: 2AU4A-BMS100

Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV

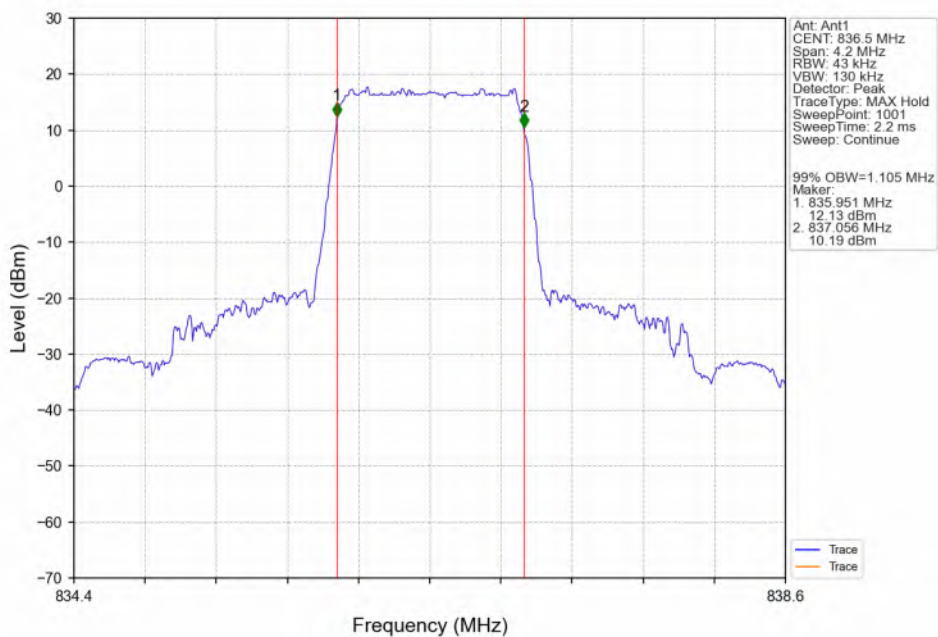


Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV

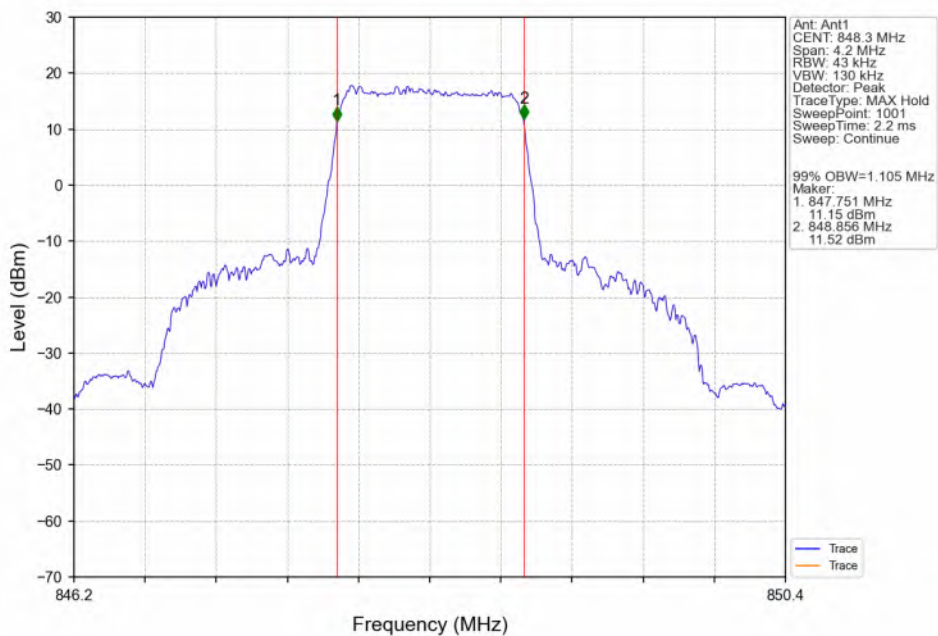


FCCID: 2AU4A-BMS100

Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV

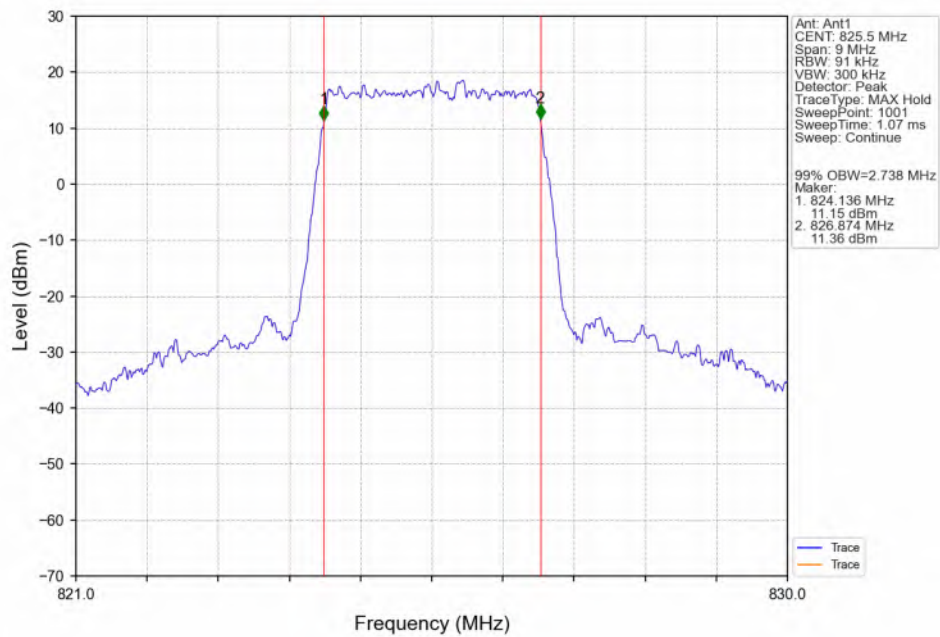


Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV

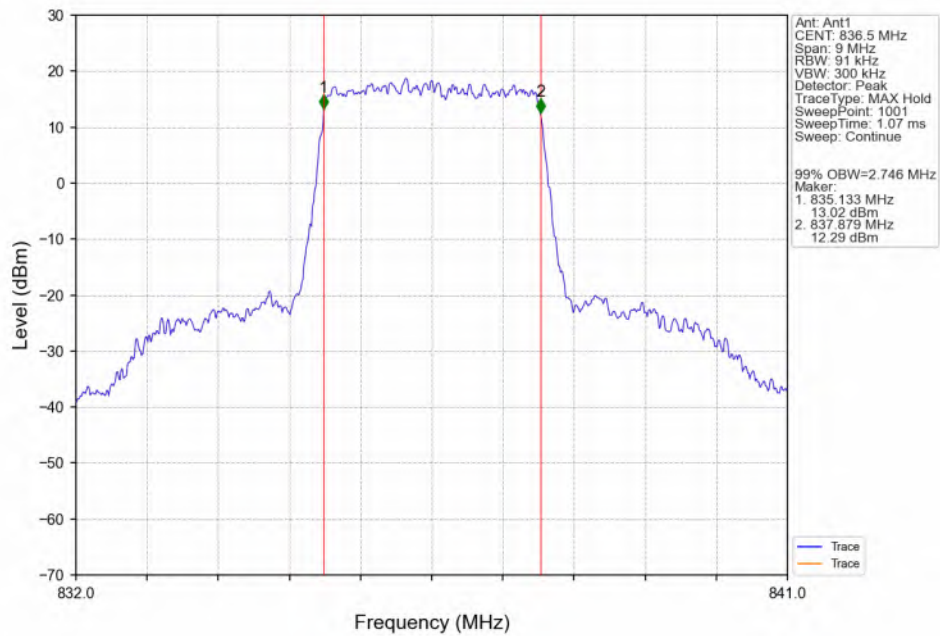


FCCID: 2AU4A-BMS100

Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV

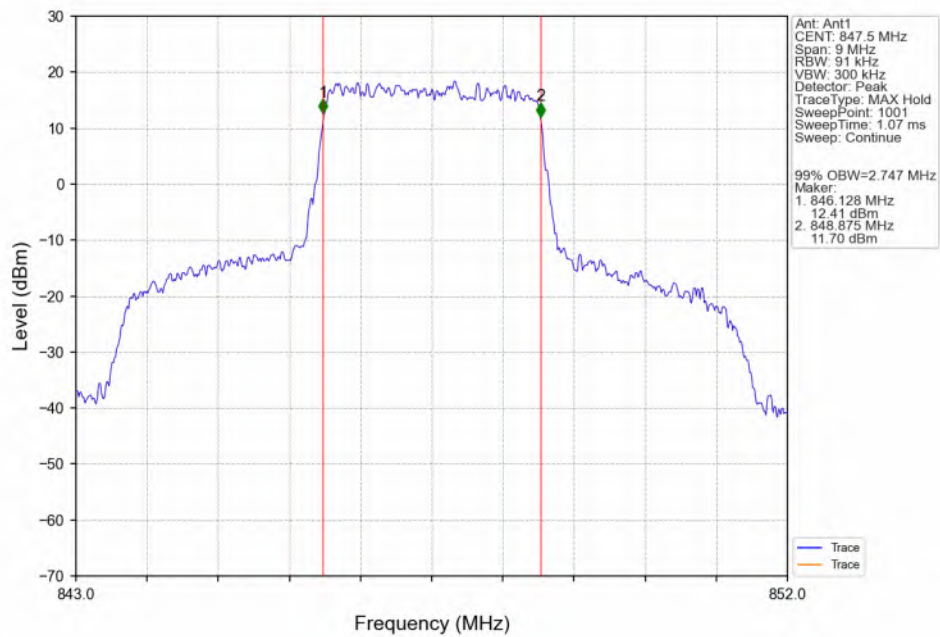


Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV

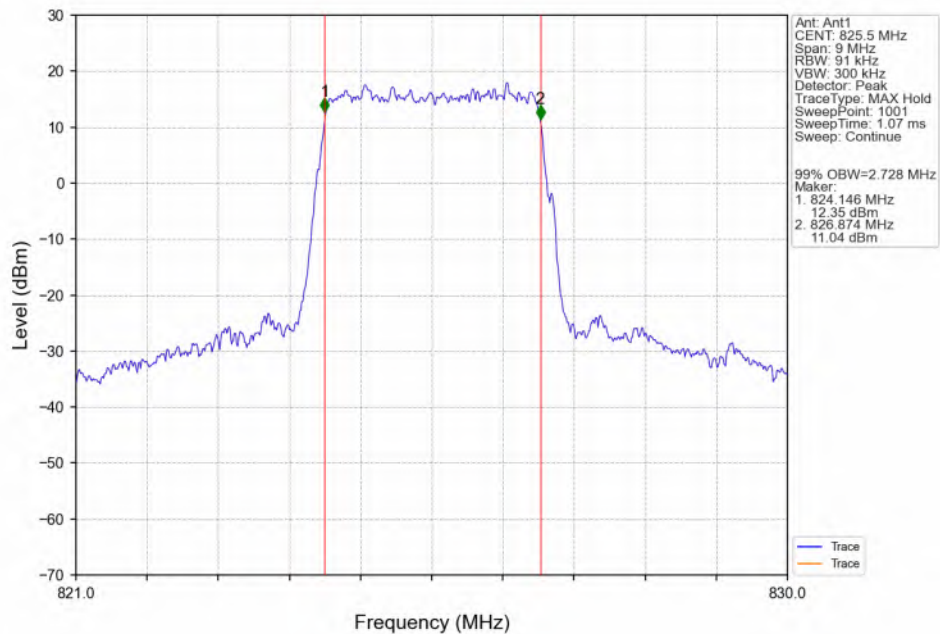


FCCID: 2AU4A-BMS100

Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV

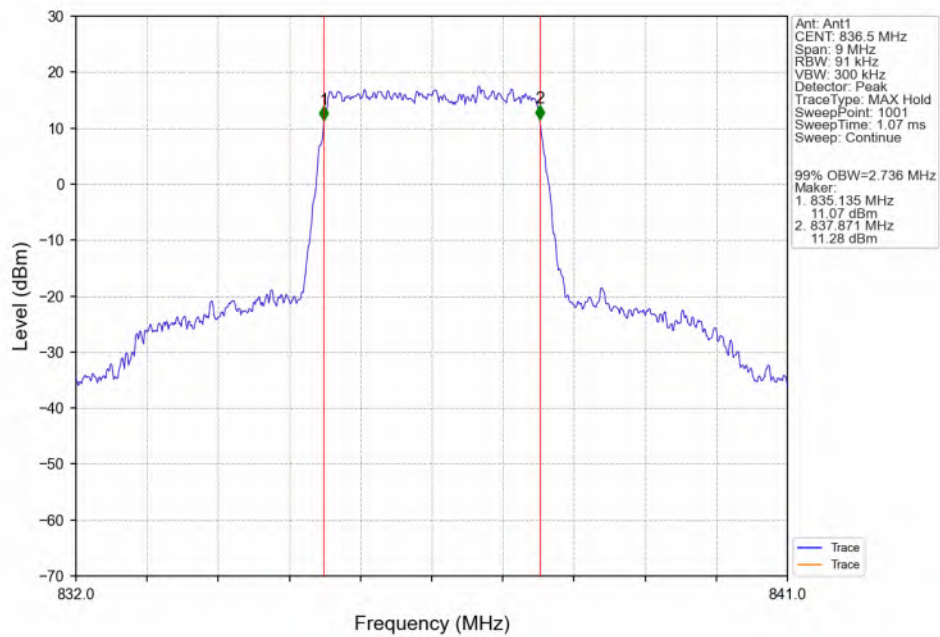


Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV

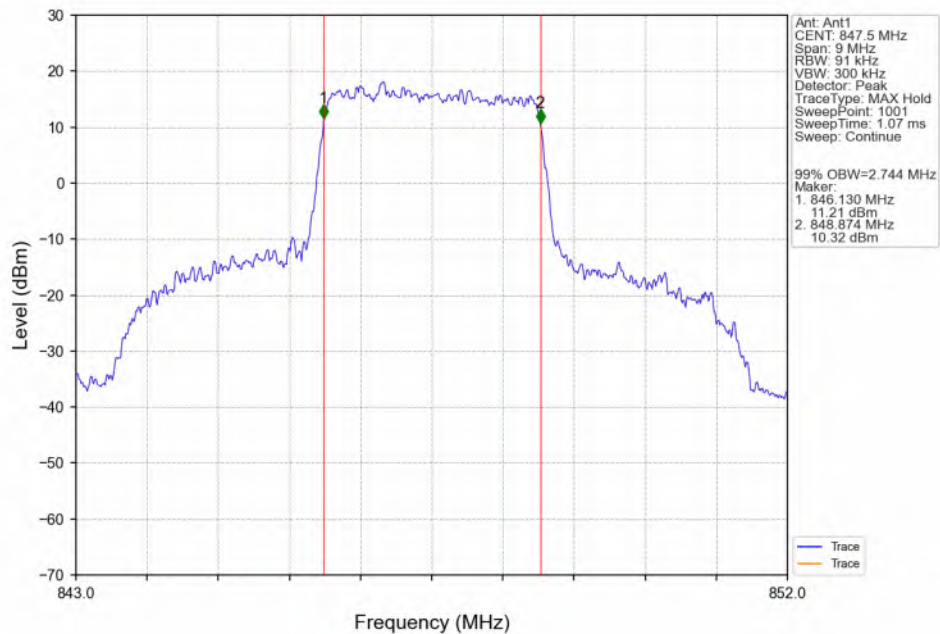


FCCID: 2AU4A-BMS100

Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV

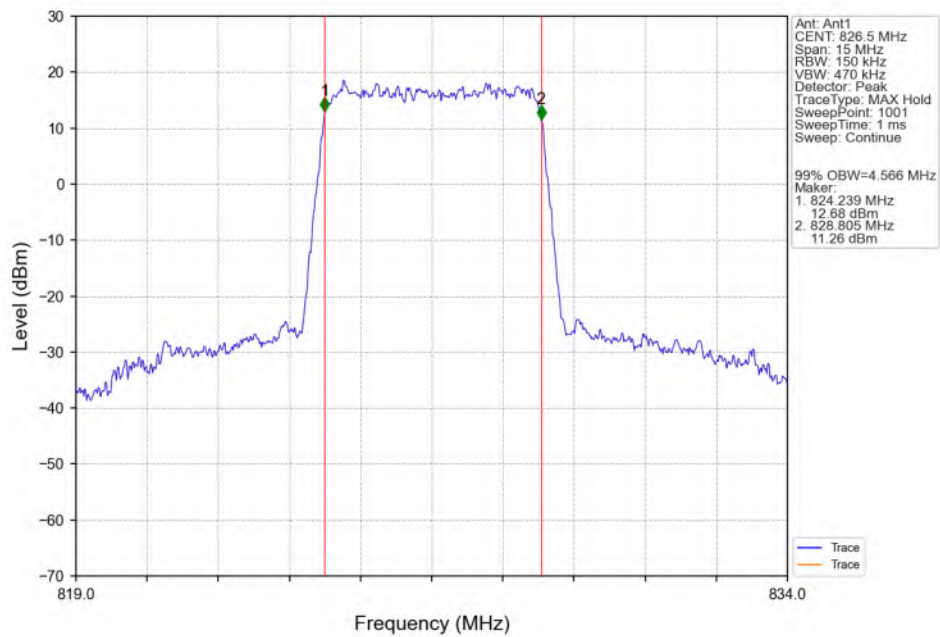


Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV

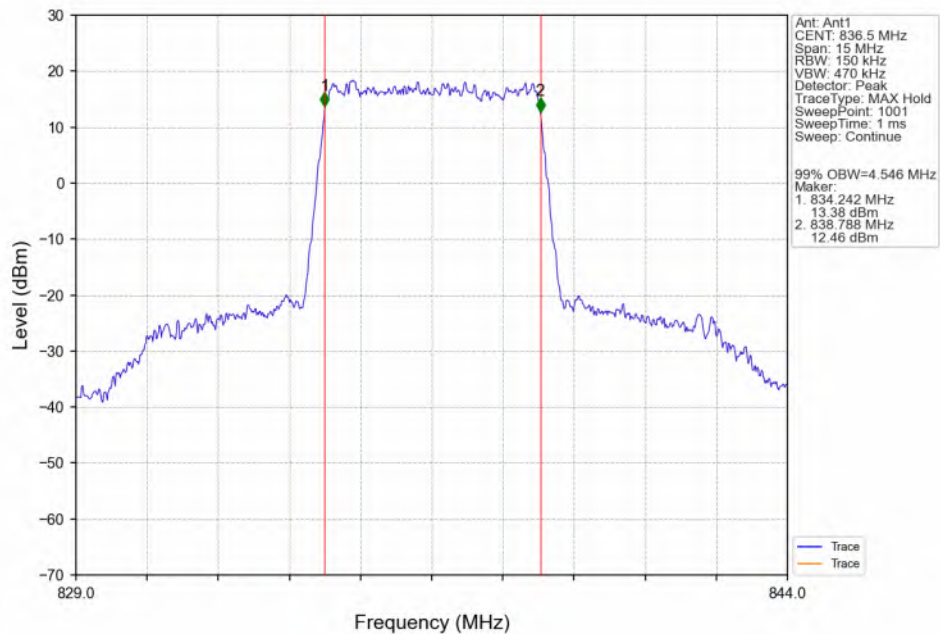


FCCID: 2AU4A-BMS100

Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV

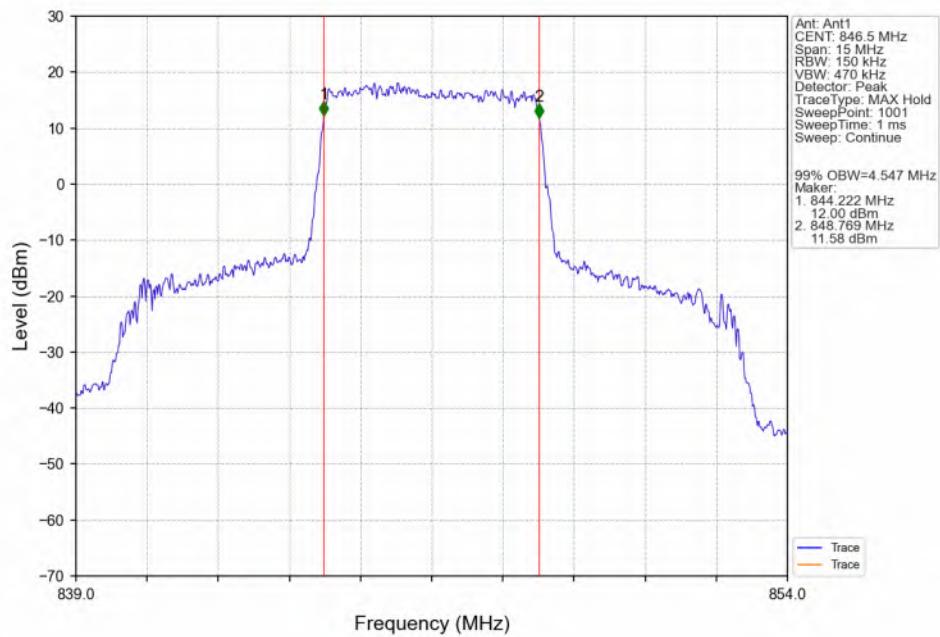


Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV

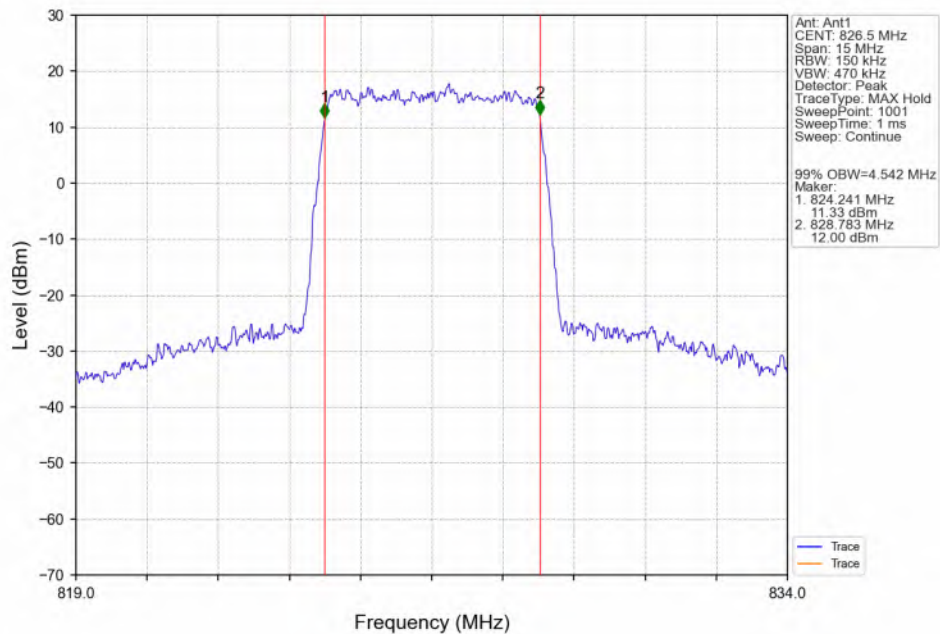


FCCID: 2AU4A-BMS100

Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV

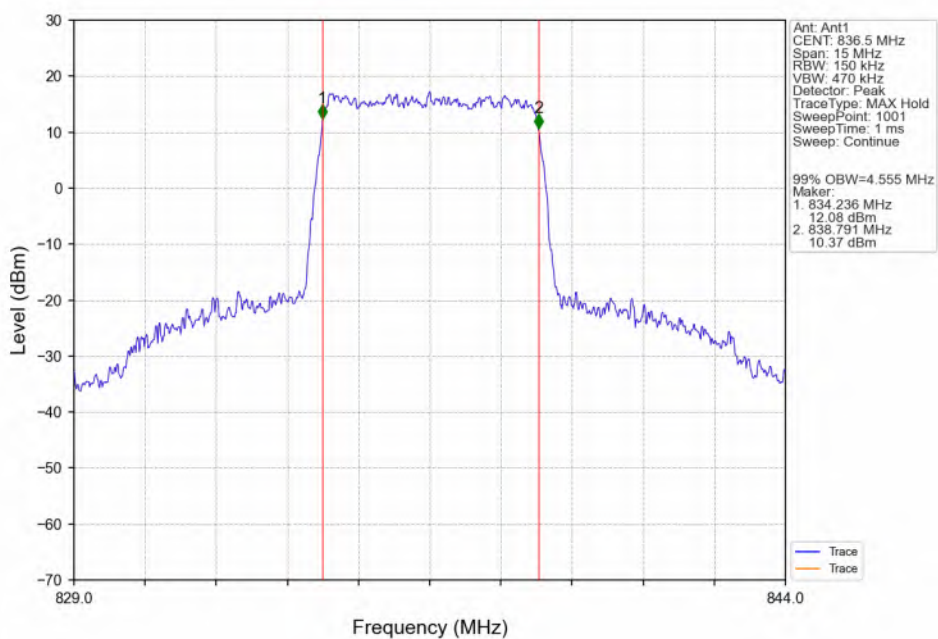


Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV

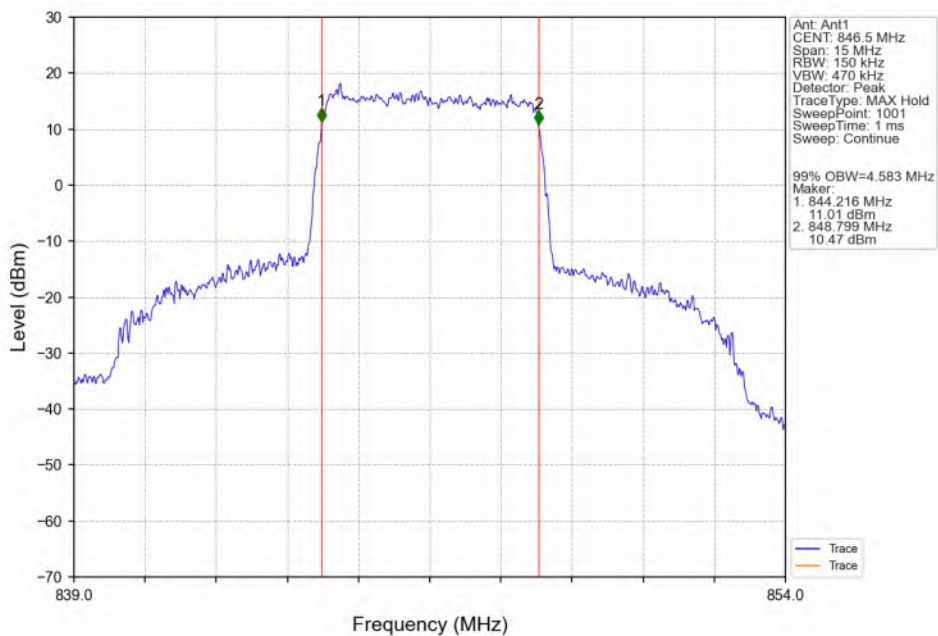


FCCID: 2AU4A-BMS100

Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV

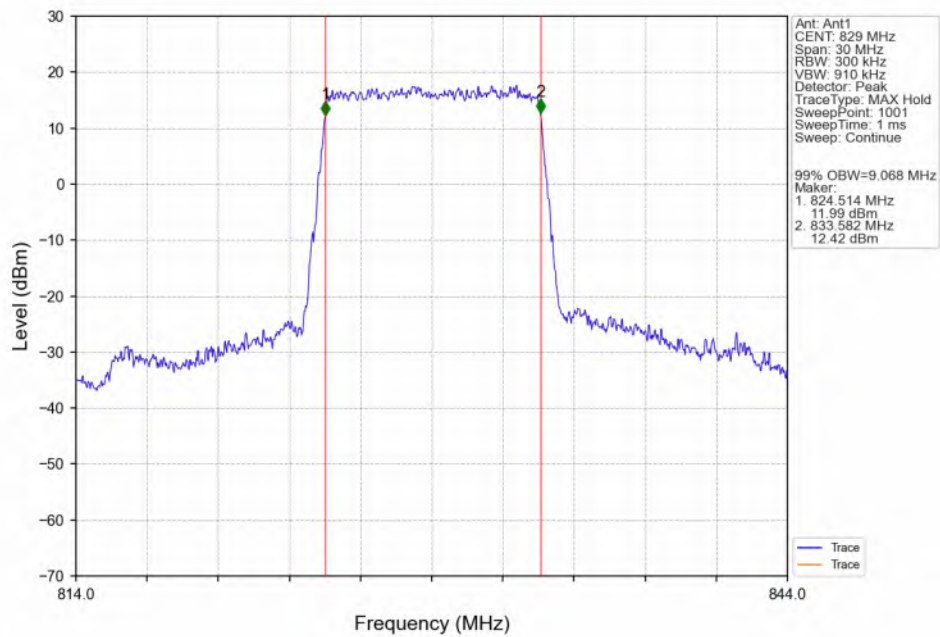


Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV

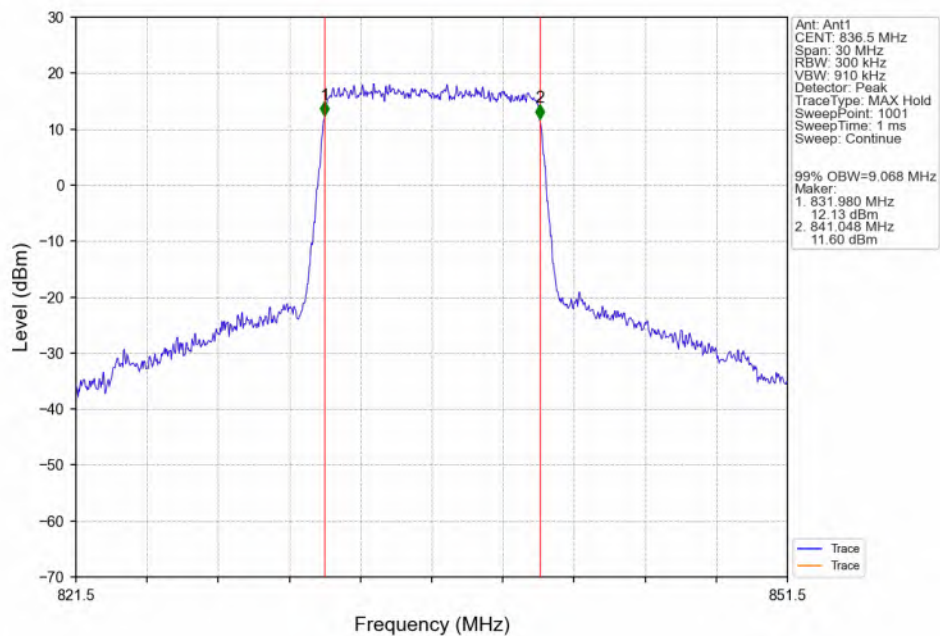


FCCID: 2AU4A-BMS100

Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV

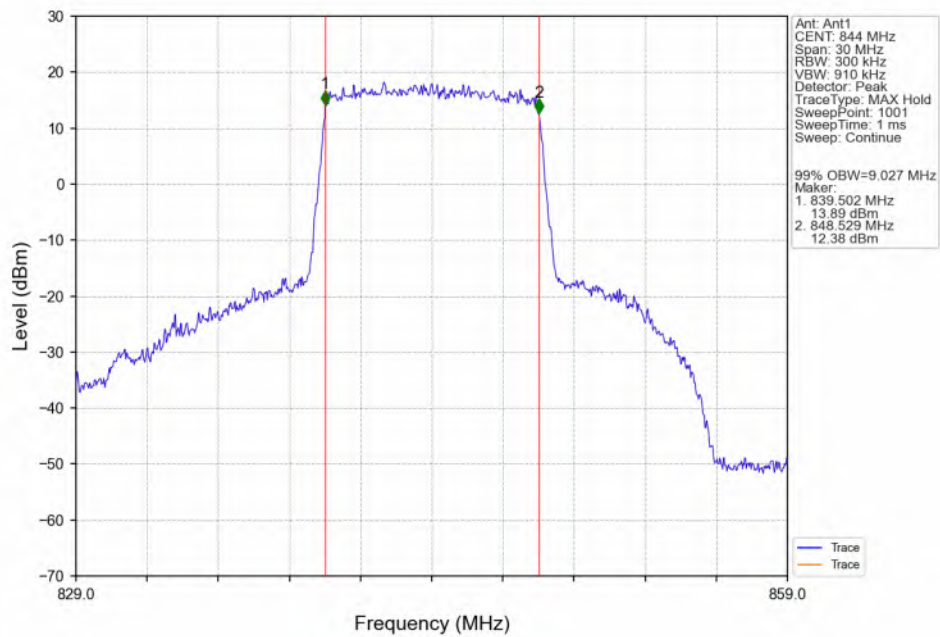


Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV

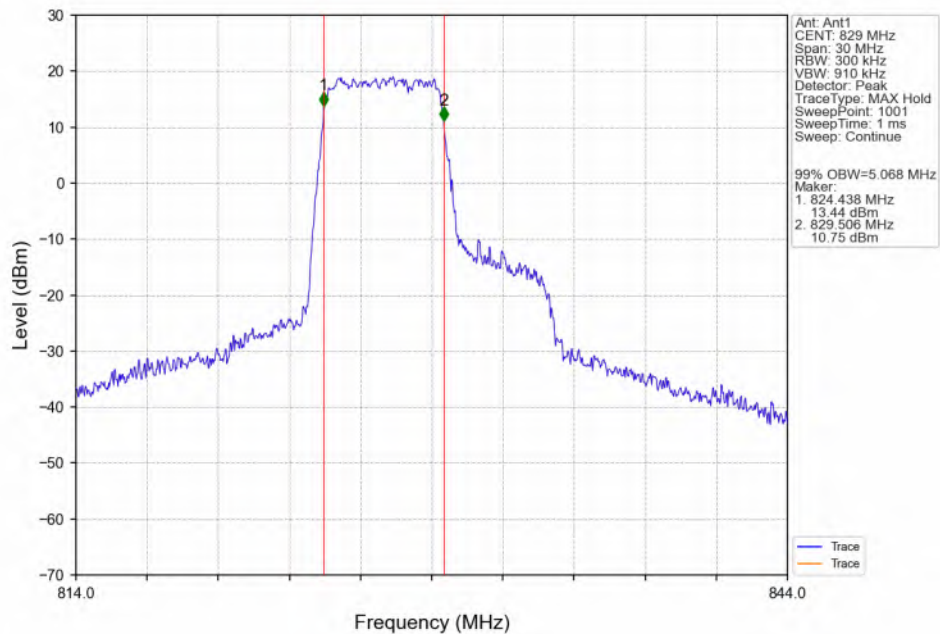


FCCID: 2AU4A-BMS100

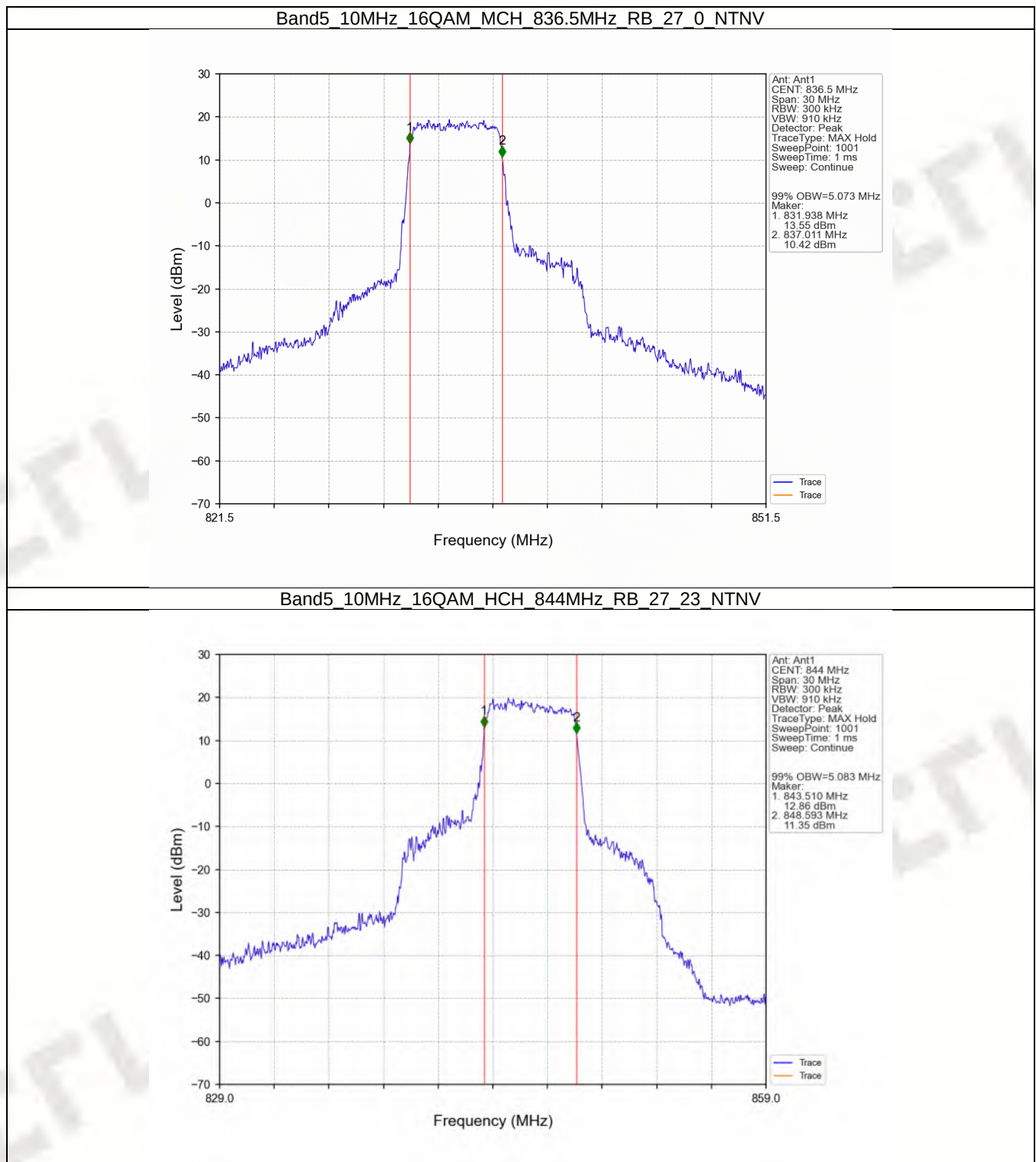
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_LCH_829MHz_RB_27_0_NTNV

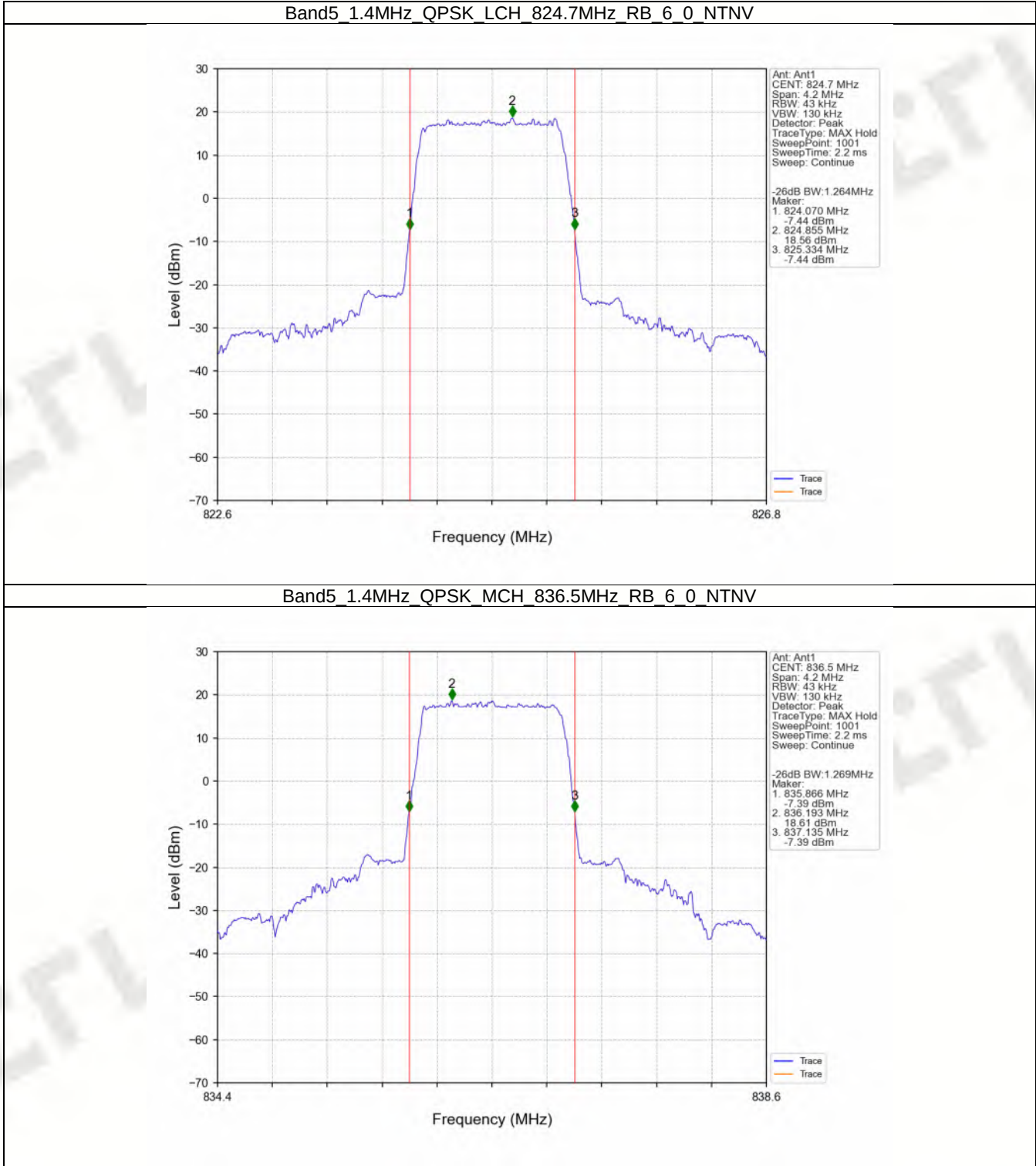


FCCID: 2AU4A-BMS100



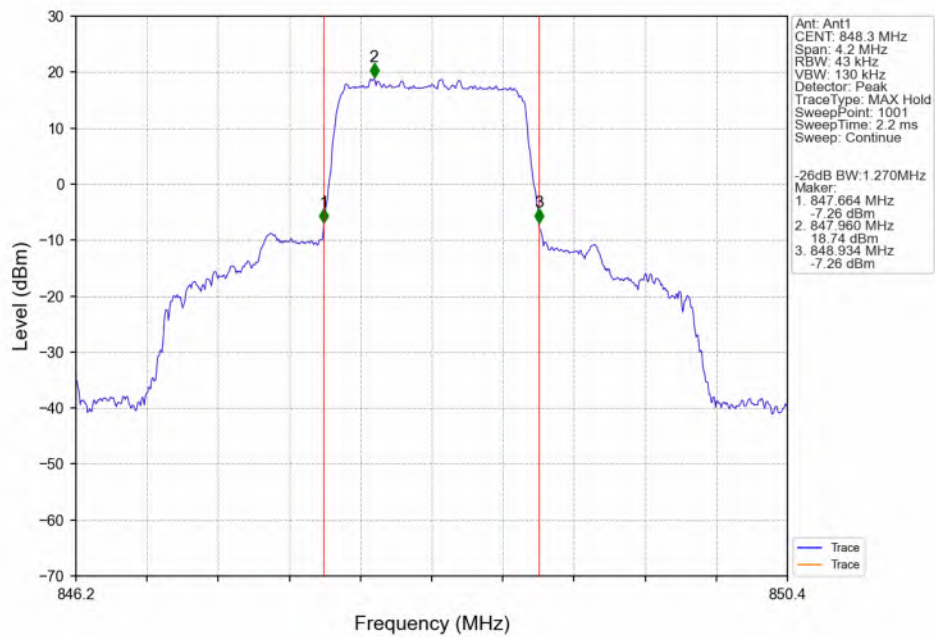
FCCID: 2AU4A-BMS100

4.2.2 Band5_XDB

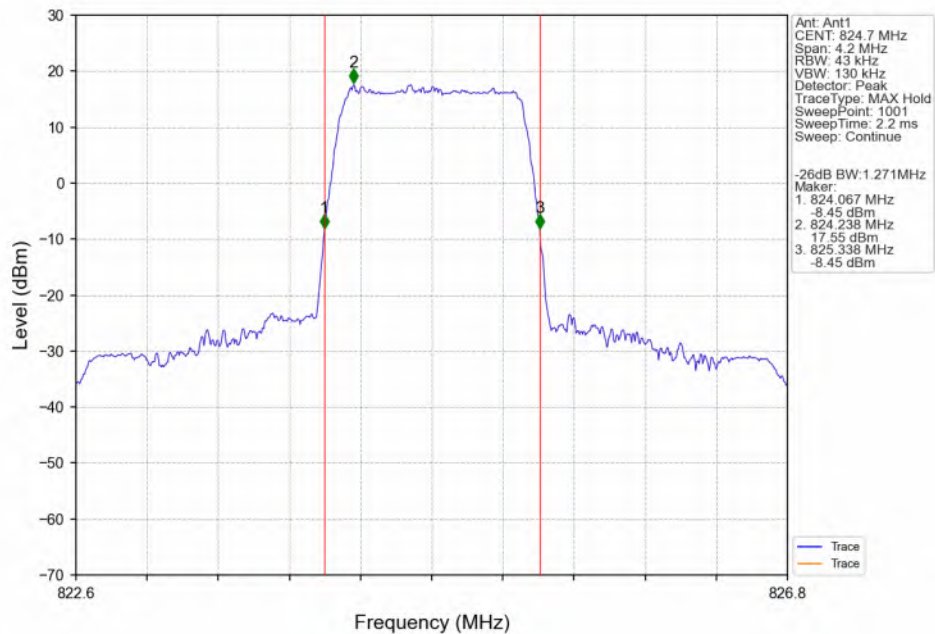


FCCID: 2AU4A-BMS100

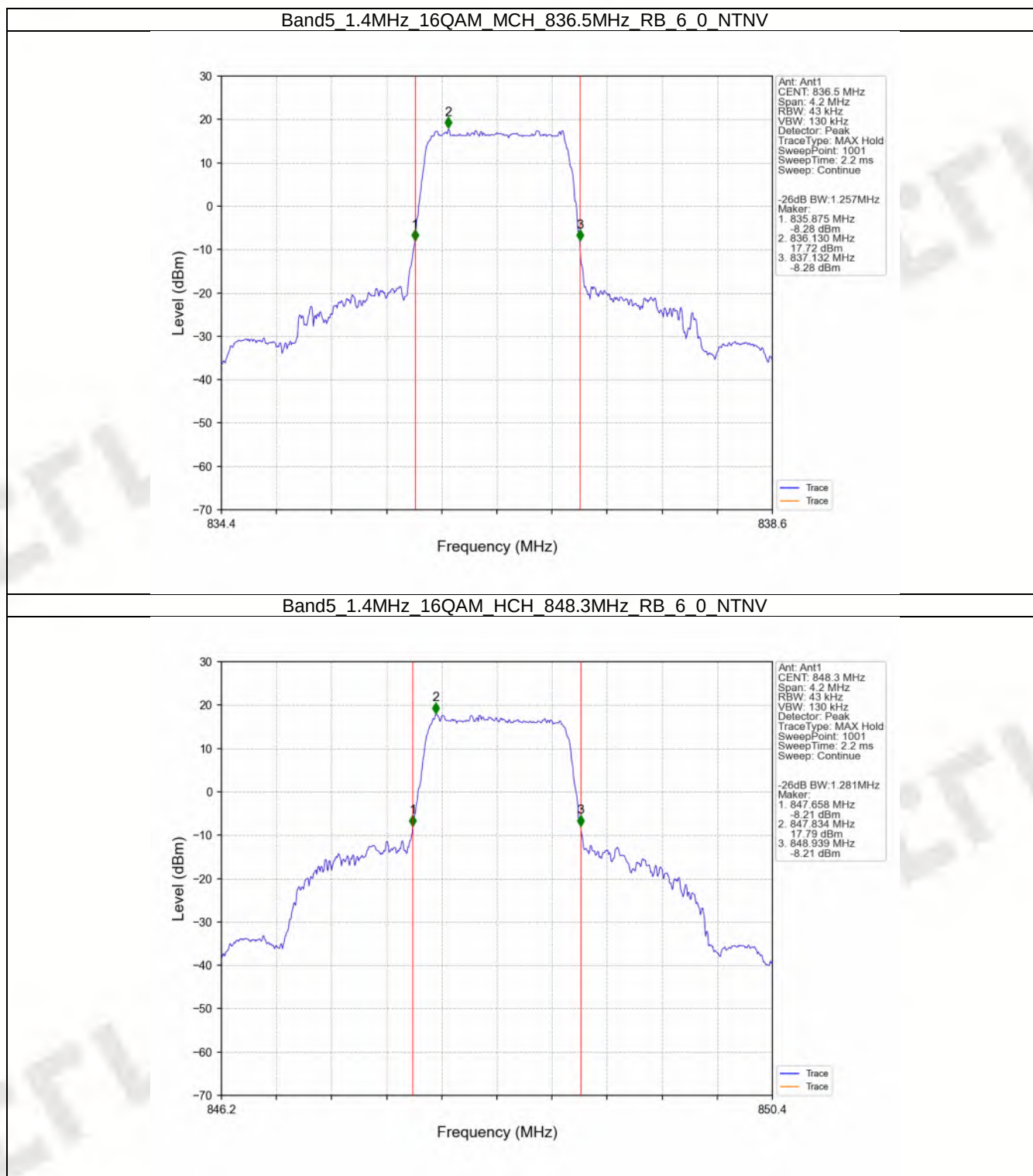
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV

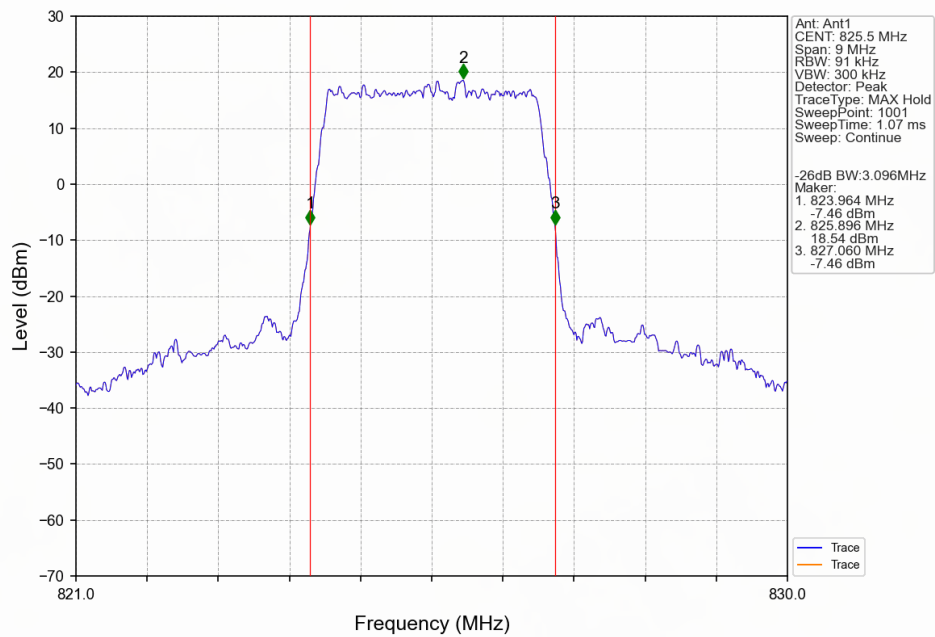


FCCID: 2AU4A-BMS100

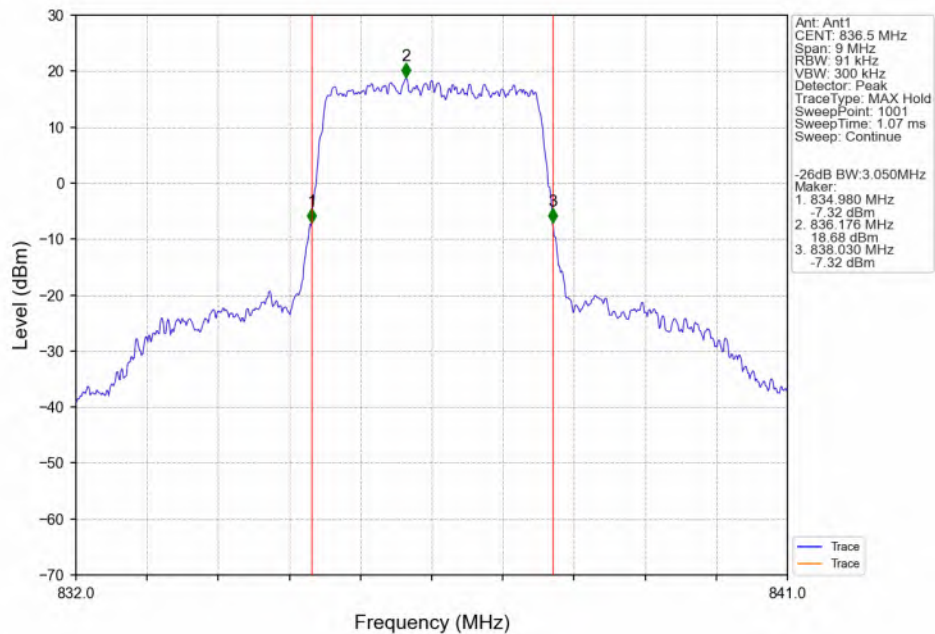


FCCID: 2AU4A-BMS100

Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV

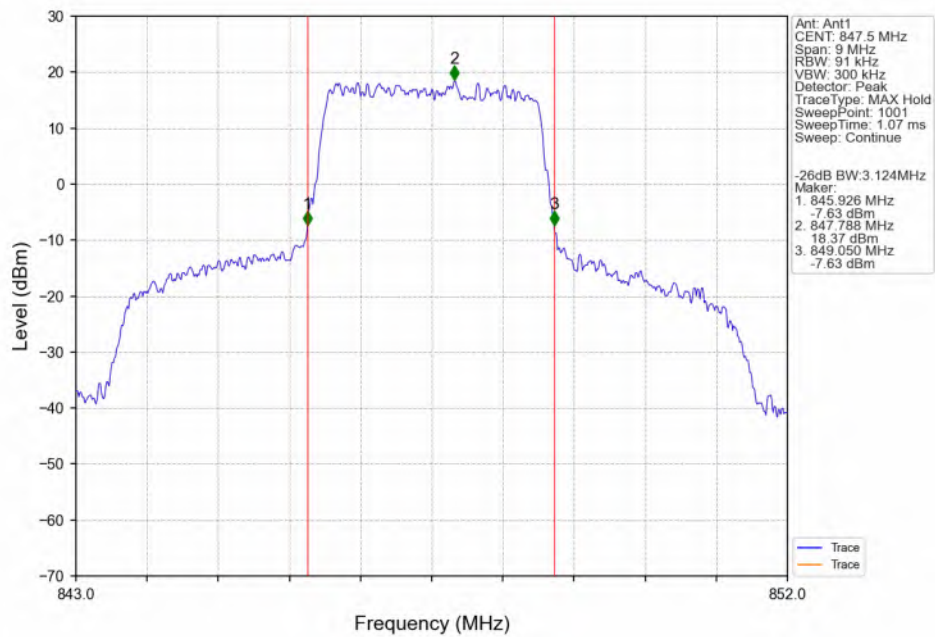


Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV

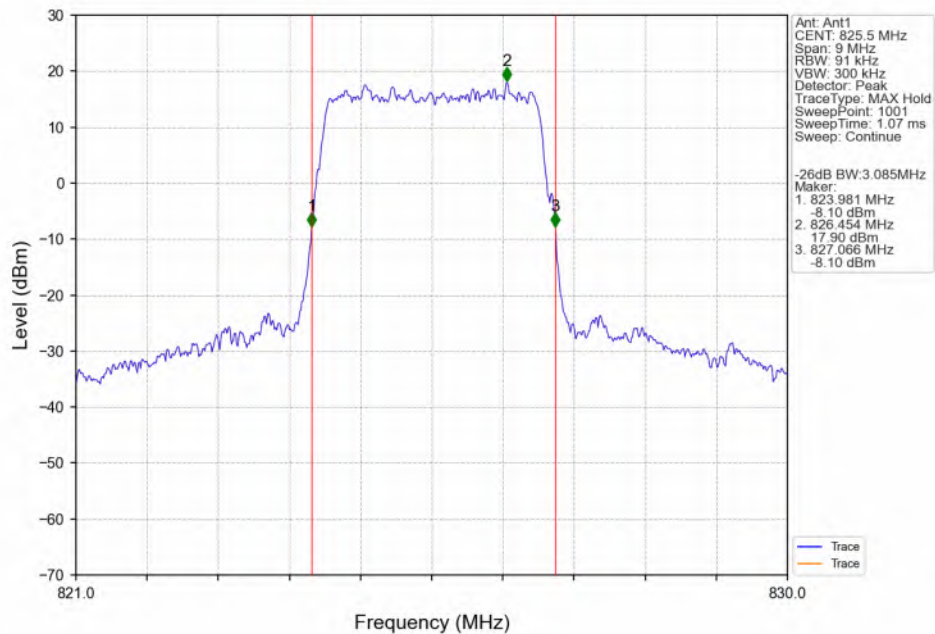


FCCID: 2AU4A-BMS100

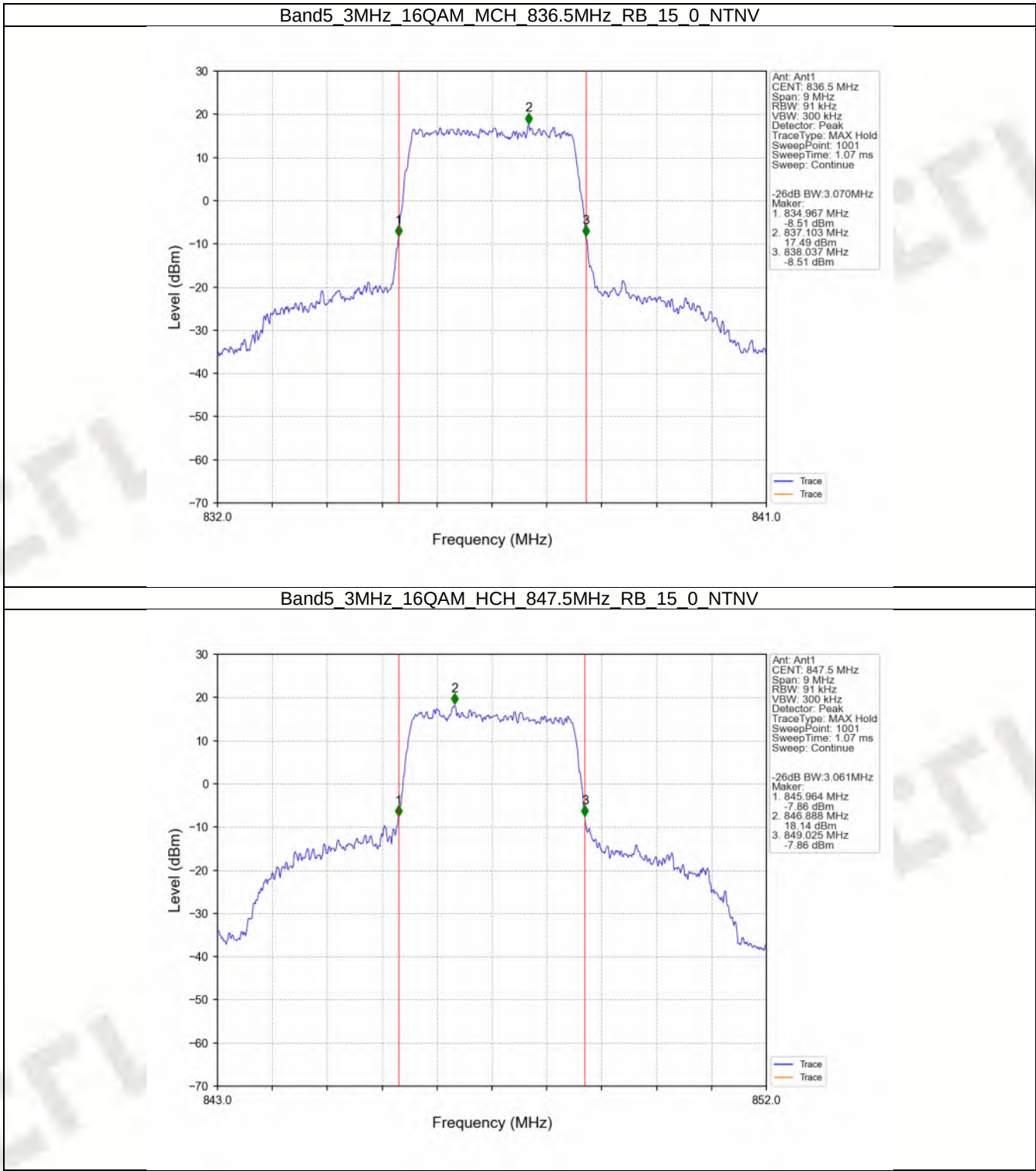
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV

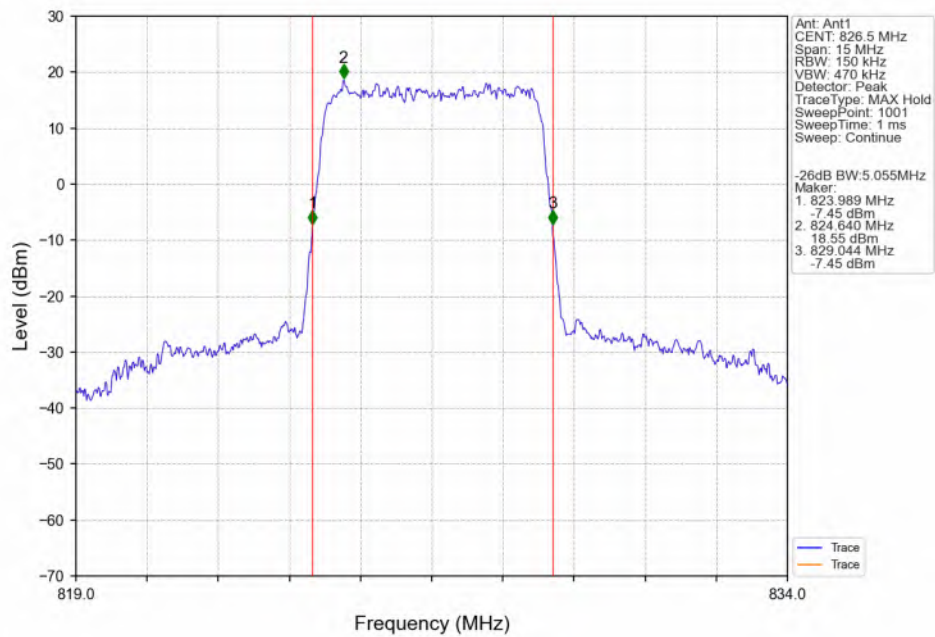


FCCID: 2AU4A-BMS100

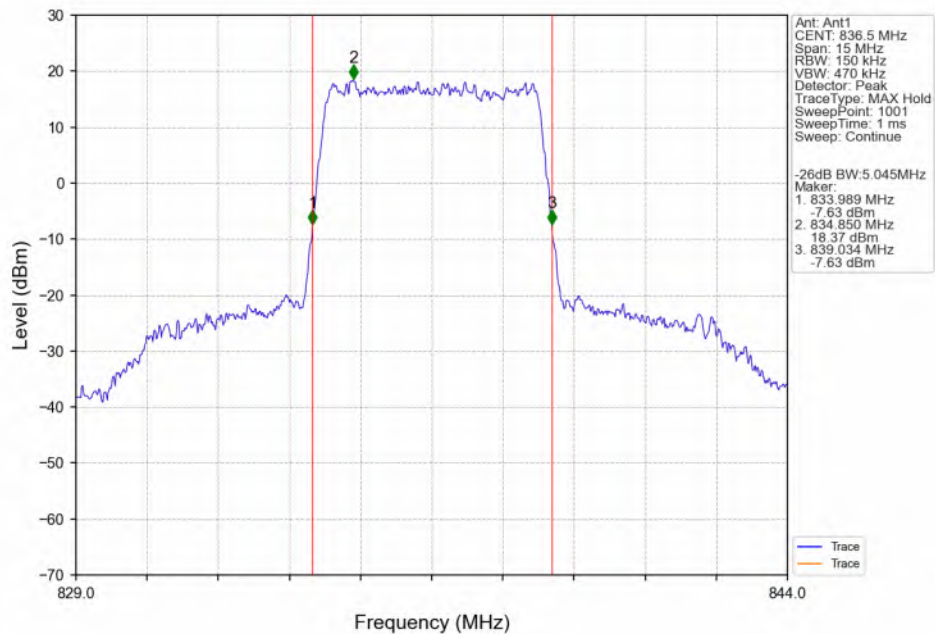


FCCID: 2AU4A-BMS100

Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV

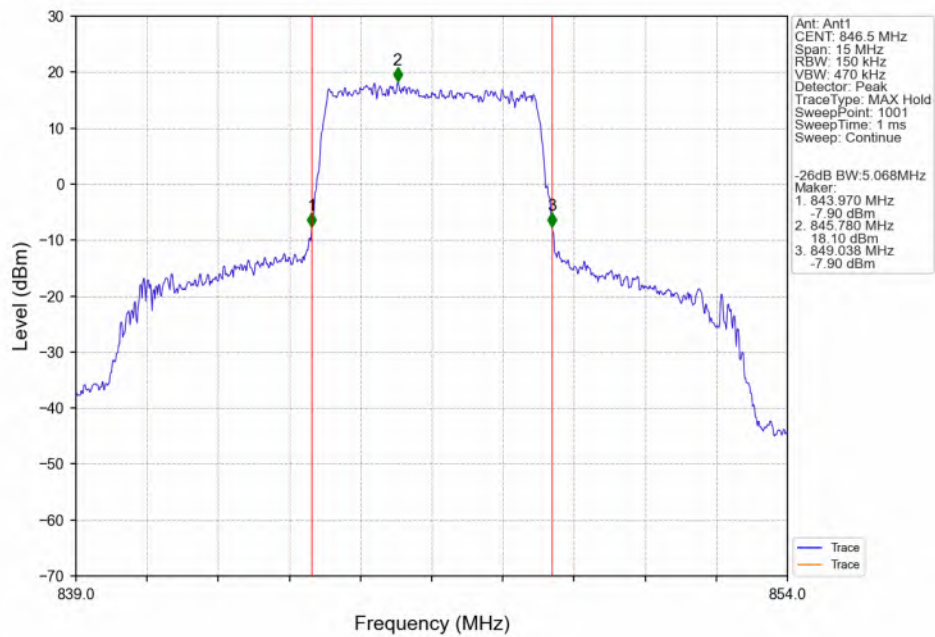


Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV

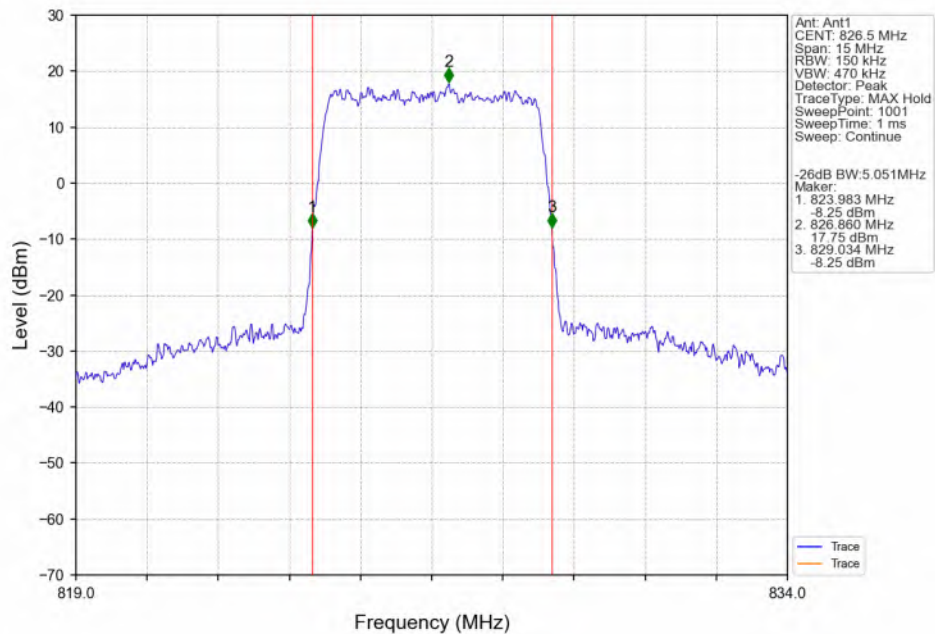


FCCID: 2AU4A-BMS100

Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV

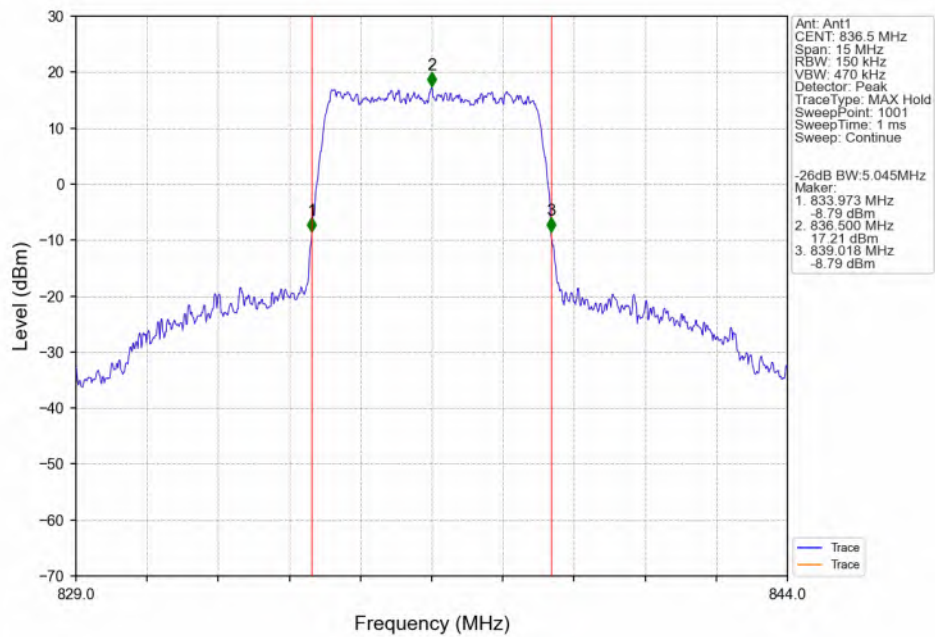


Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV

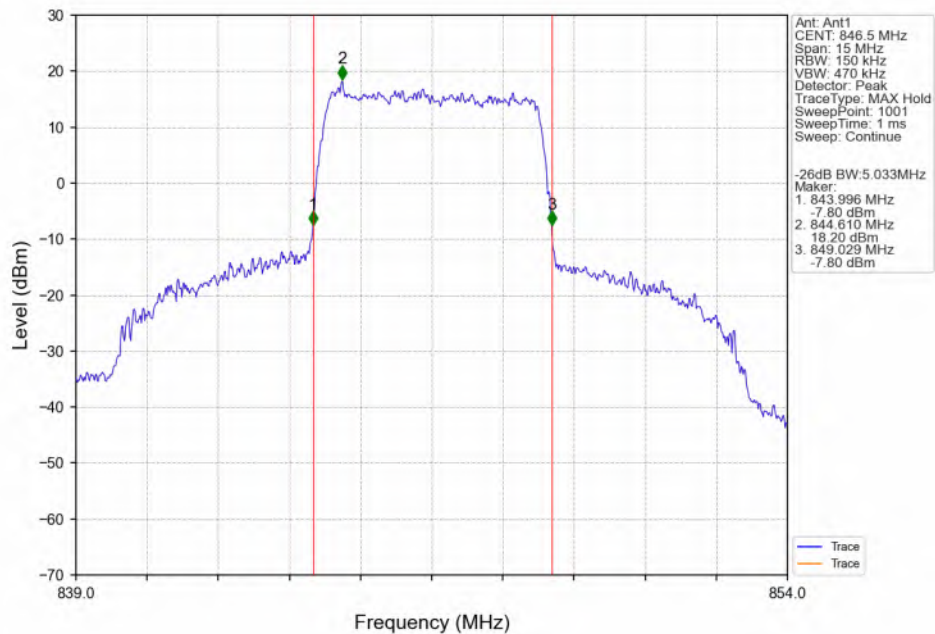


FCCID: 2AU4A-BMS100

Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV

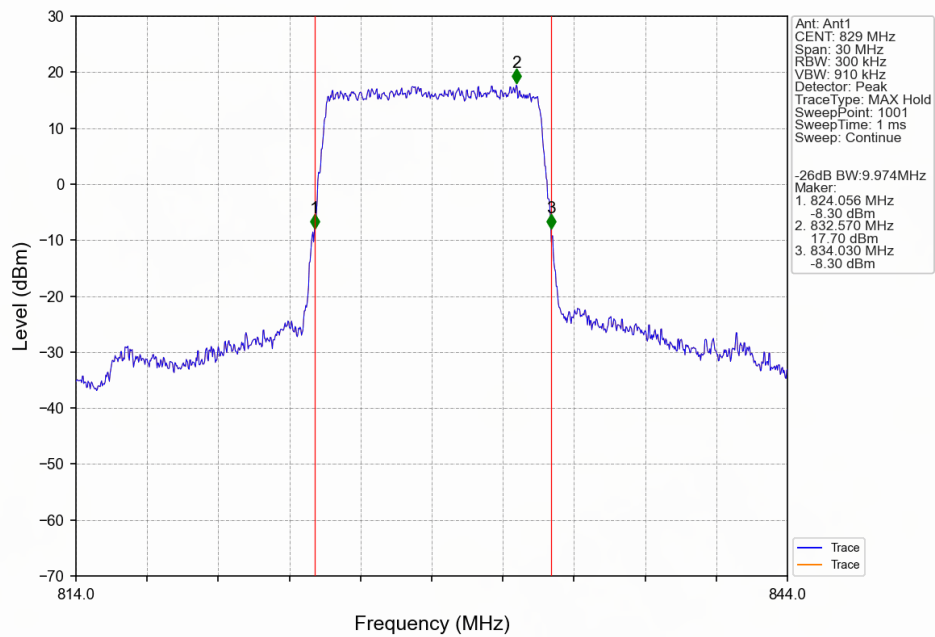


Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV

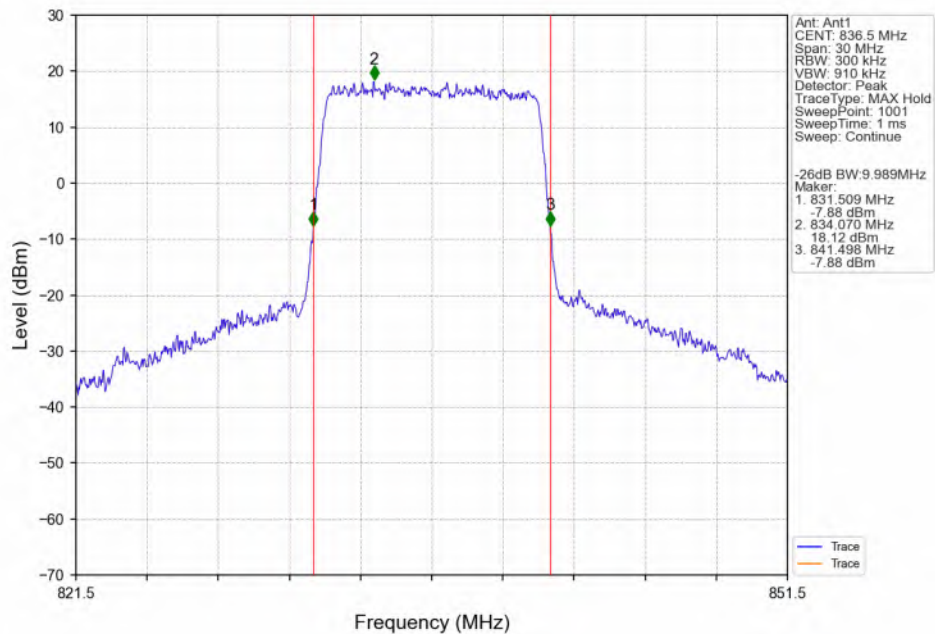


FCCID: 2AU4A-BMS100

Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV

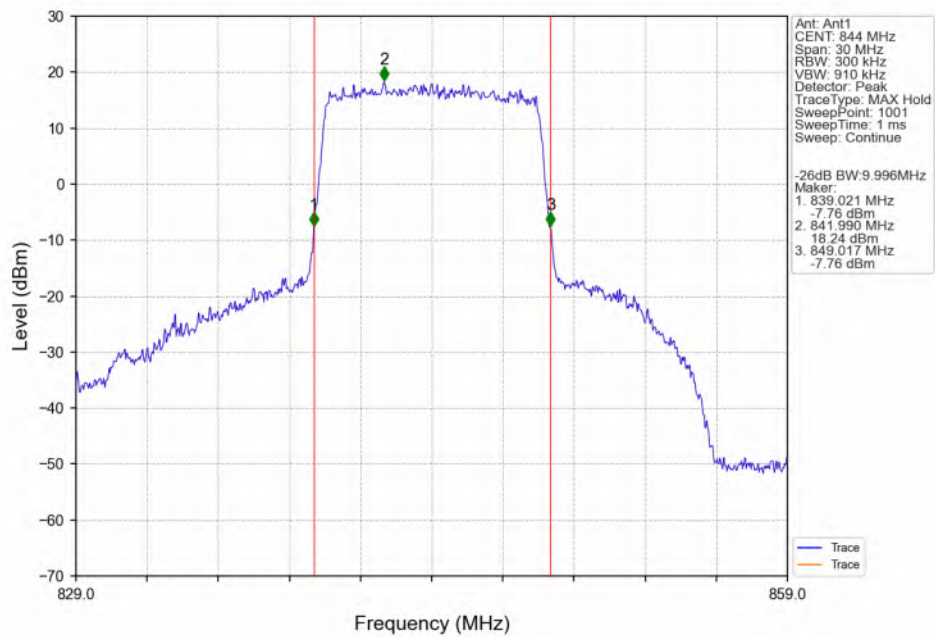


Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV

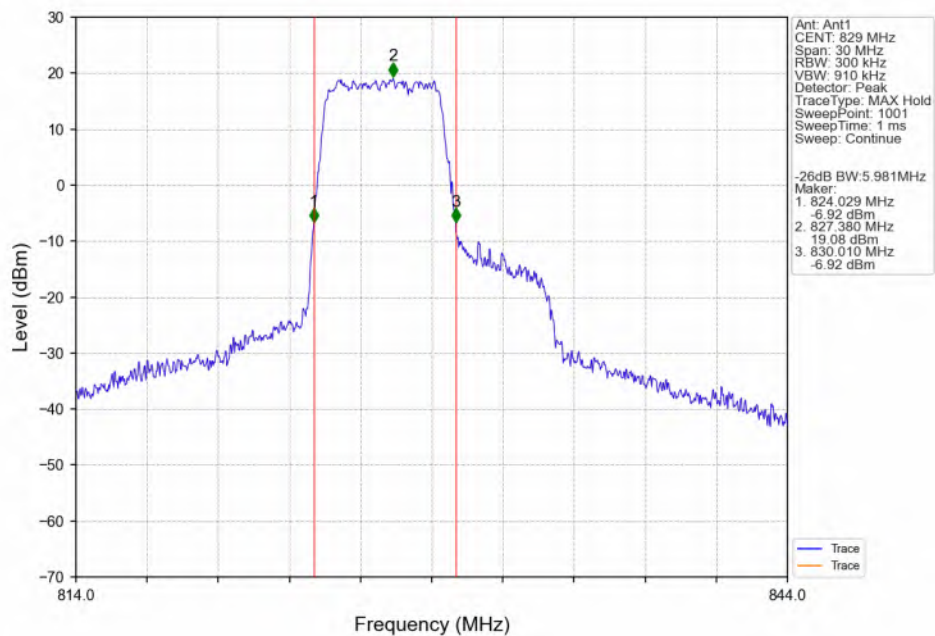


FCCID: 2AU4A-BMS100

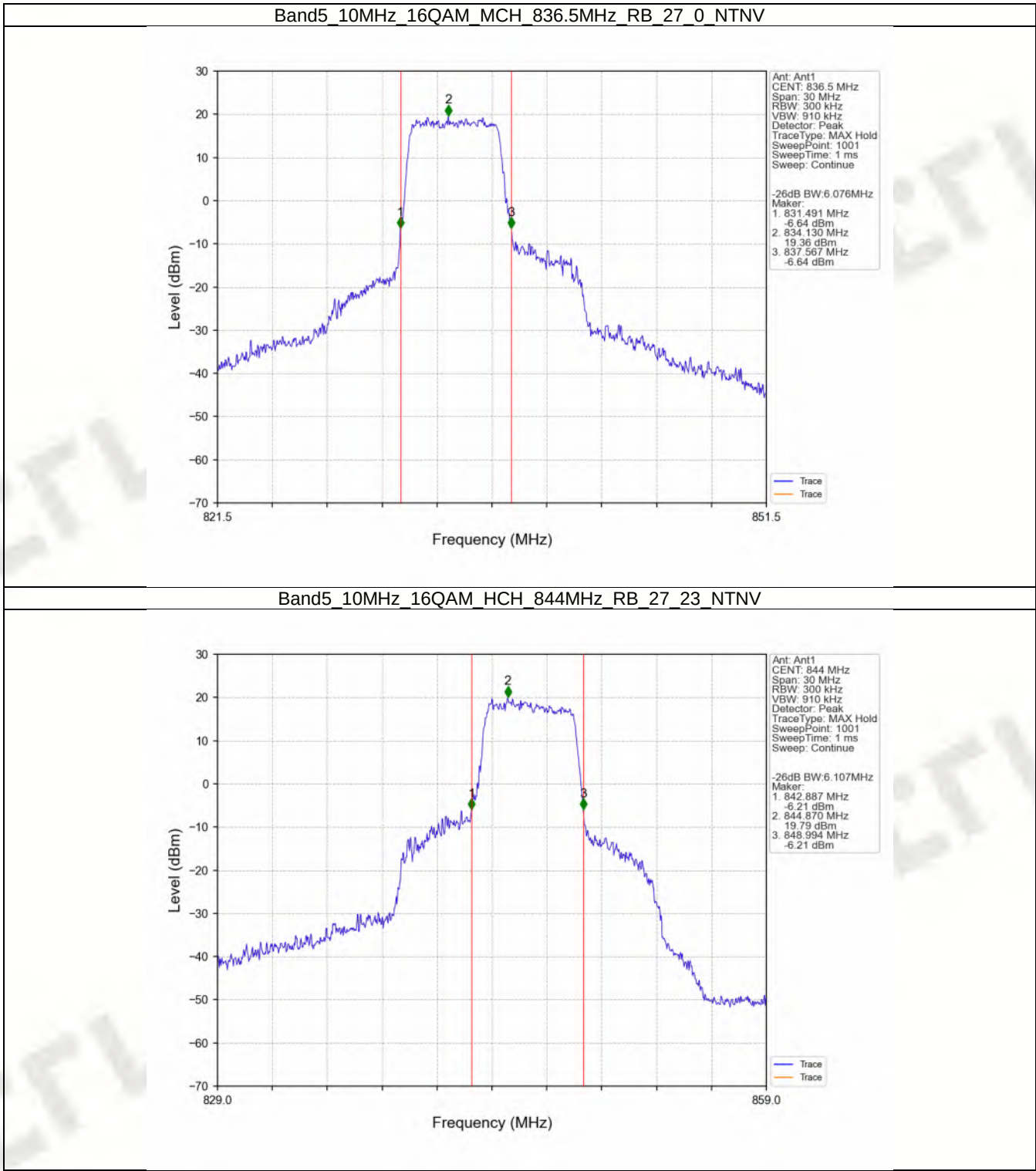
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_LCH_829MHz_RB_27_0_NTNV



FCCID: 2AU4A-BMS100



5. Peak-Average Ratio

5.1 Test Result

5.1.1 B5_1.4MHz

Band: 5 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	824.7	6	0	4.66	<=13	Pass
	836.5	6	0	4.33	<=13	Pass
	848.3	6	0	3.64	<=13	Pass
16QAM	824.7	6	0	5.79	<=13	Pass
	836.5	6	0	5.49	<=13	Pass
	848.3	6	0	4.67	<=13	Pass

5.1.2 B5_3MHz

Band: 5 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	825.5	15	0	4.54	<=13	Pass
	836.5	15	0	4.35	<=13	Pass
	847.5	15	0	3.78	<=13	Pass
16QAM	825.5	15	0	5.83	<=13	Pass
	836.5	15	0	5.55	<=13	Pass
	847.5	15	0	4.88	<=13	Pass

5.1.3 B5_5MHz

Band: 5 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	826.5	25	0	4.81	<=13	Pass
	836.5	25	0	4.68	<=13	Pass
	846.5	25	0	4.34	<=13	Pass
16QAM	826.5	25	0	5.90	<=13	Pass
	836.5	25	0	5.74	<=13	Pass
	846.5	25	0	5.33	<=13	Pass

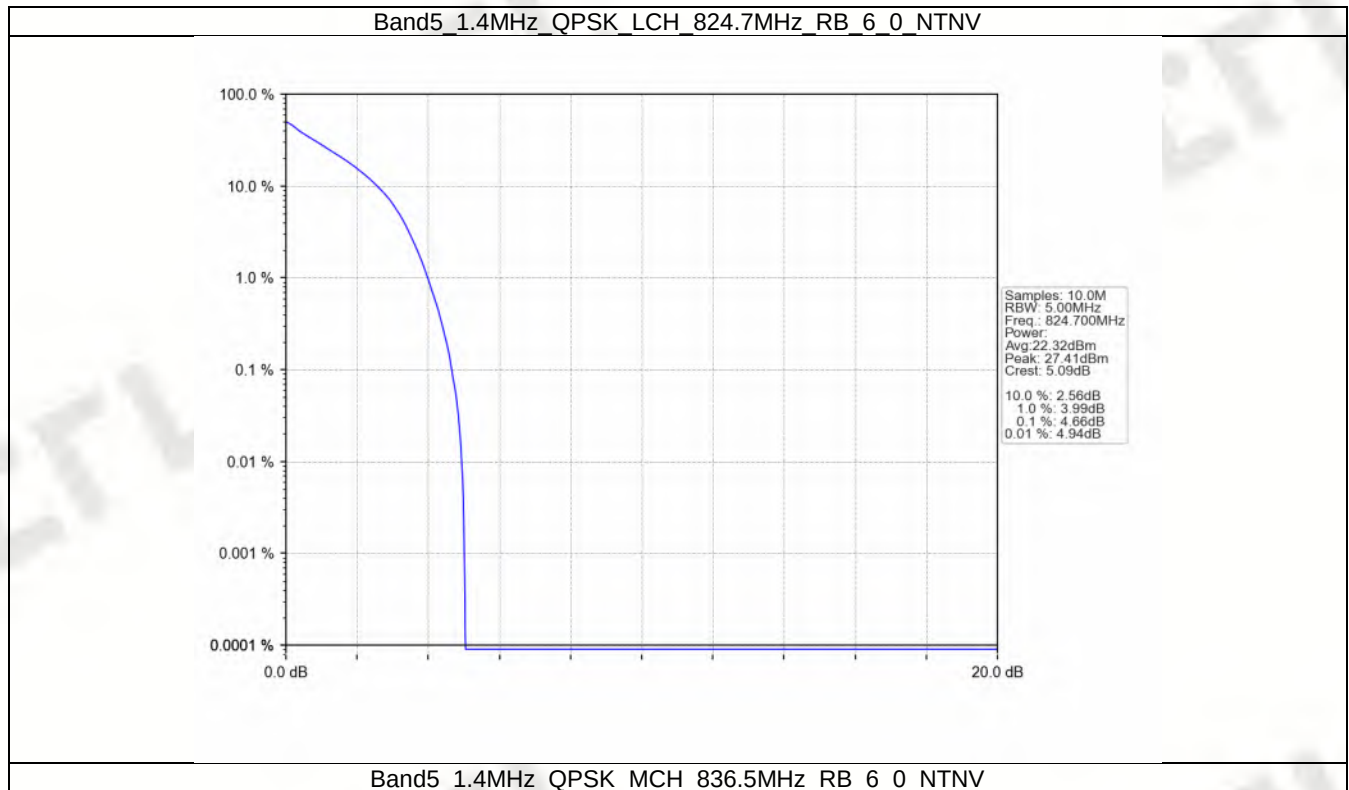
5.1.4 B5_10MHz

Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	829	50	0	4.67	<=13	Pass
	836.5	50	0	4.59	<=13	Pass
	844	50	0	4.41	<=13	Pass
16QAM	829	27	0	5.56	<=13	Pass
	836.5	27	0	5.33	<=13	Pass
	844	27	23	4.84	<=13	Pass

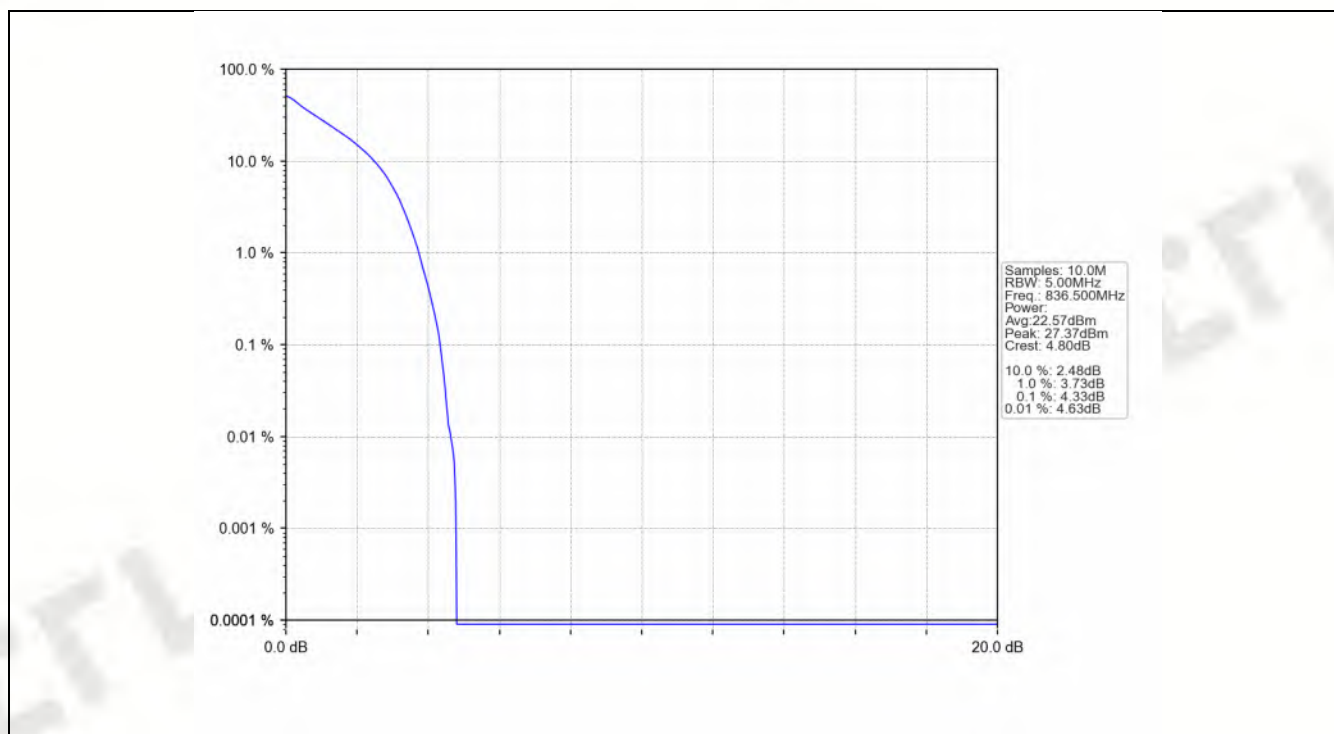
FCCID: 2AU4A-BMS100

5.2 Test Graph

5.2.1 B5_1.4MHz

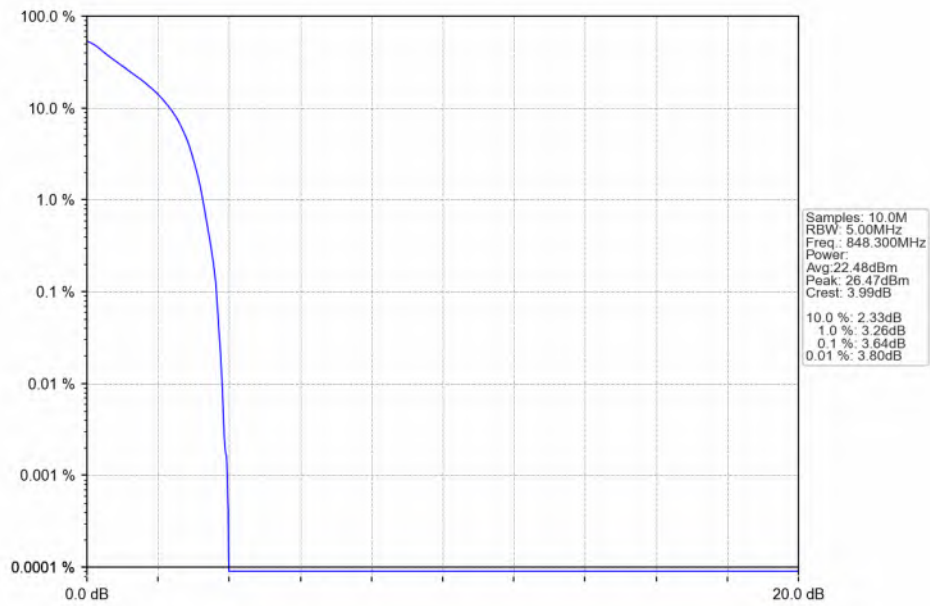


FCCID: 2AU4A-BMS100

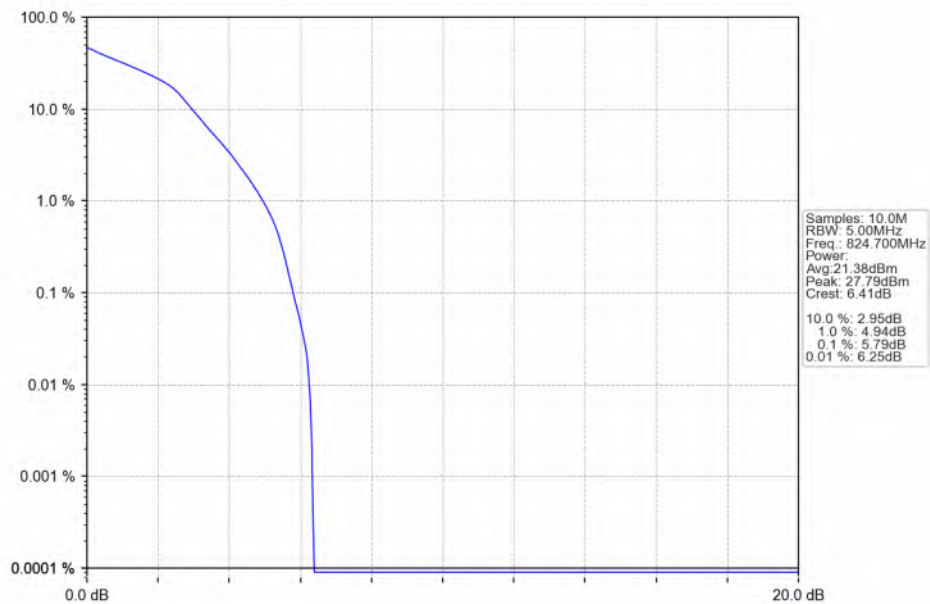


FCCID: 2AU4A-BMS100

Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV

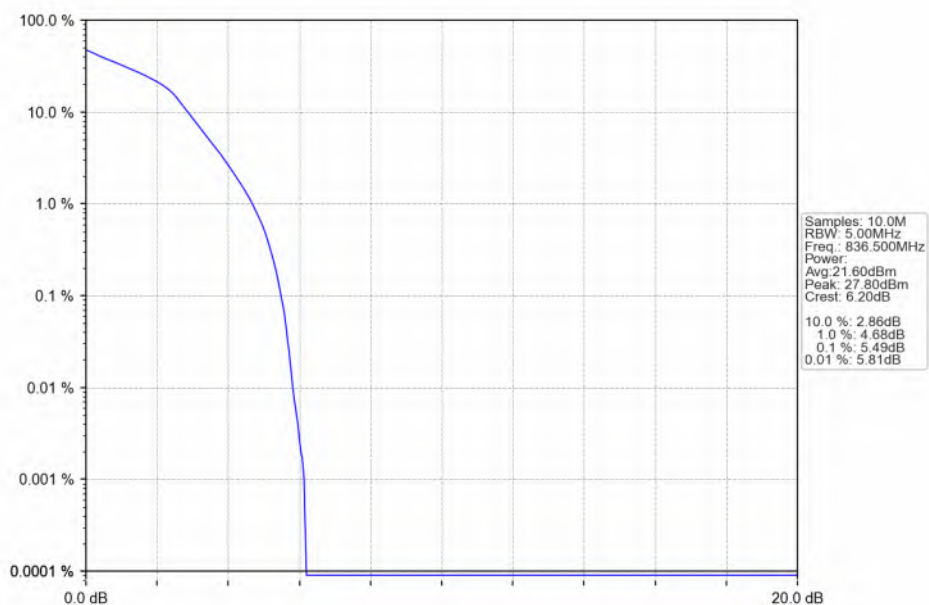


Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV

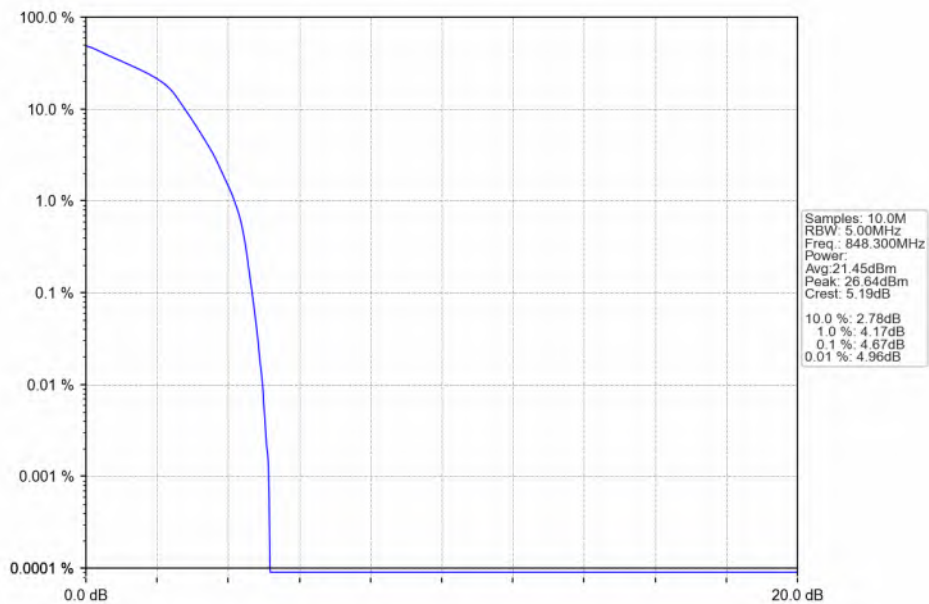


FCCID: 2AU4A-BMS100

Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



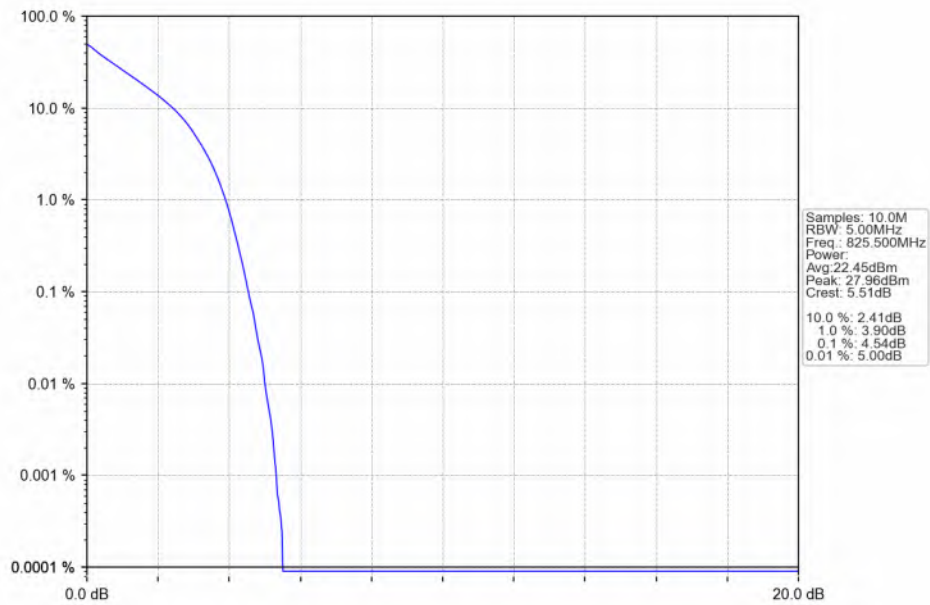
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



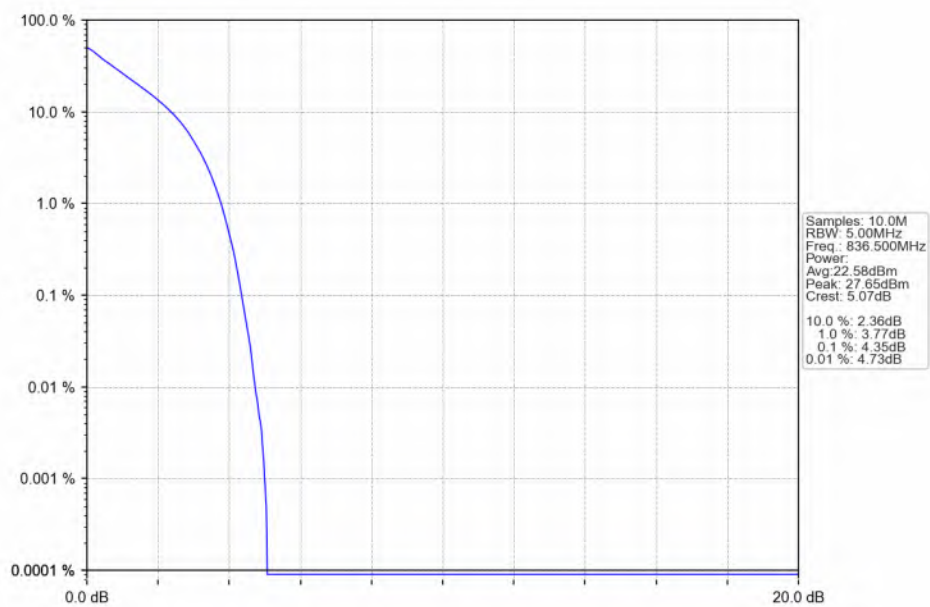
FCCID: 2AU4A-BMS100

5.2.2 B5_3MHz

Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV

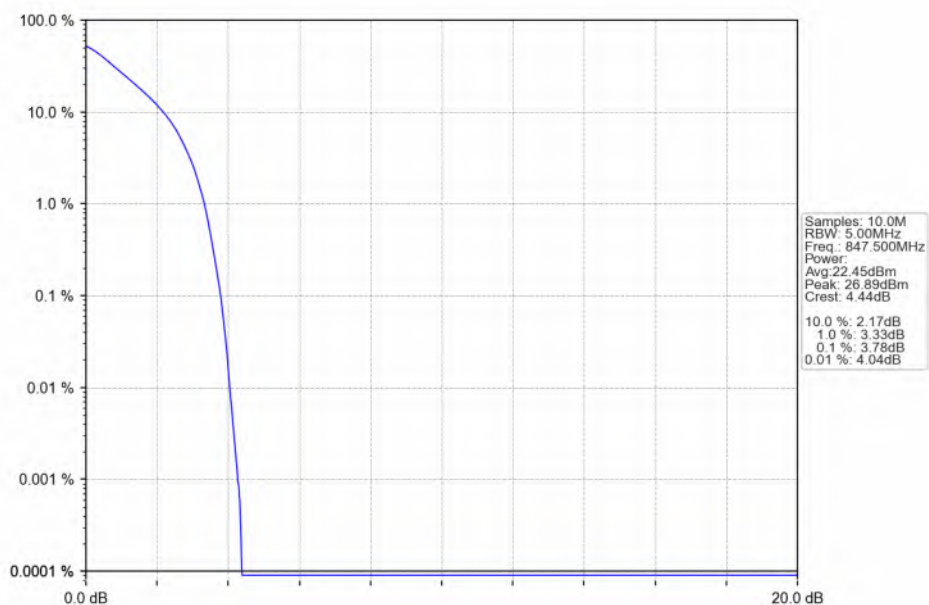


Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV

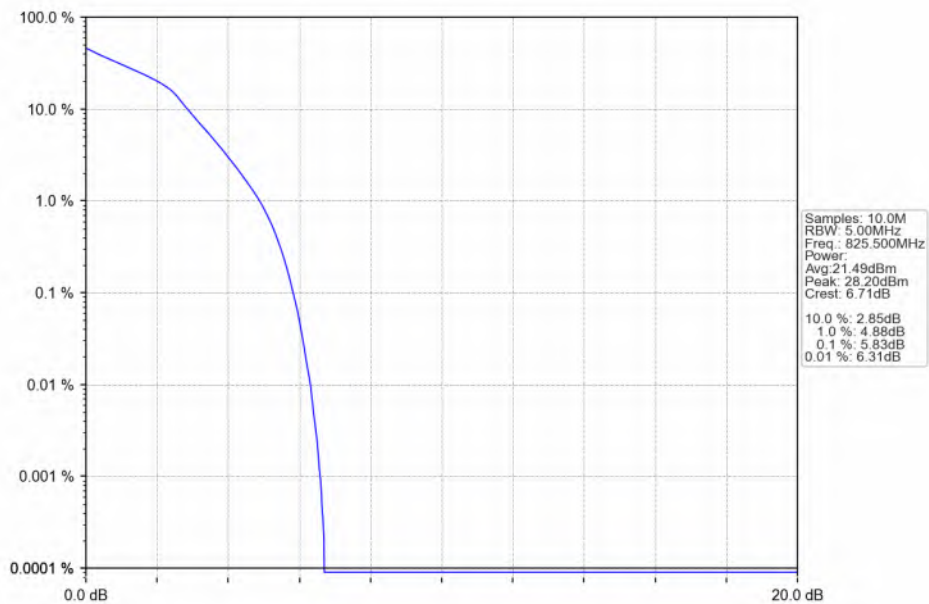


FCCID: 2AU4A-BMS100

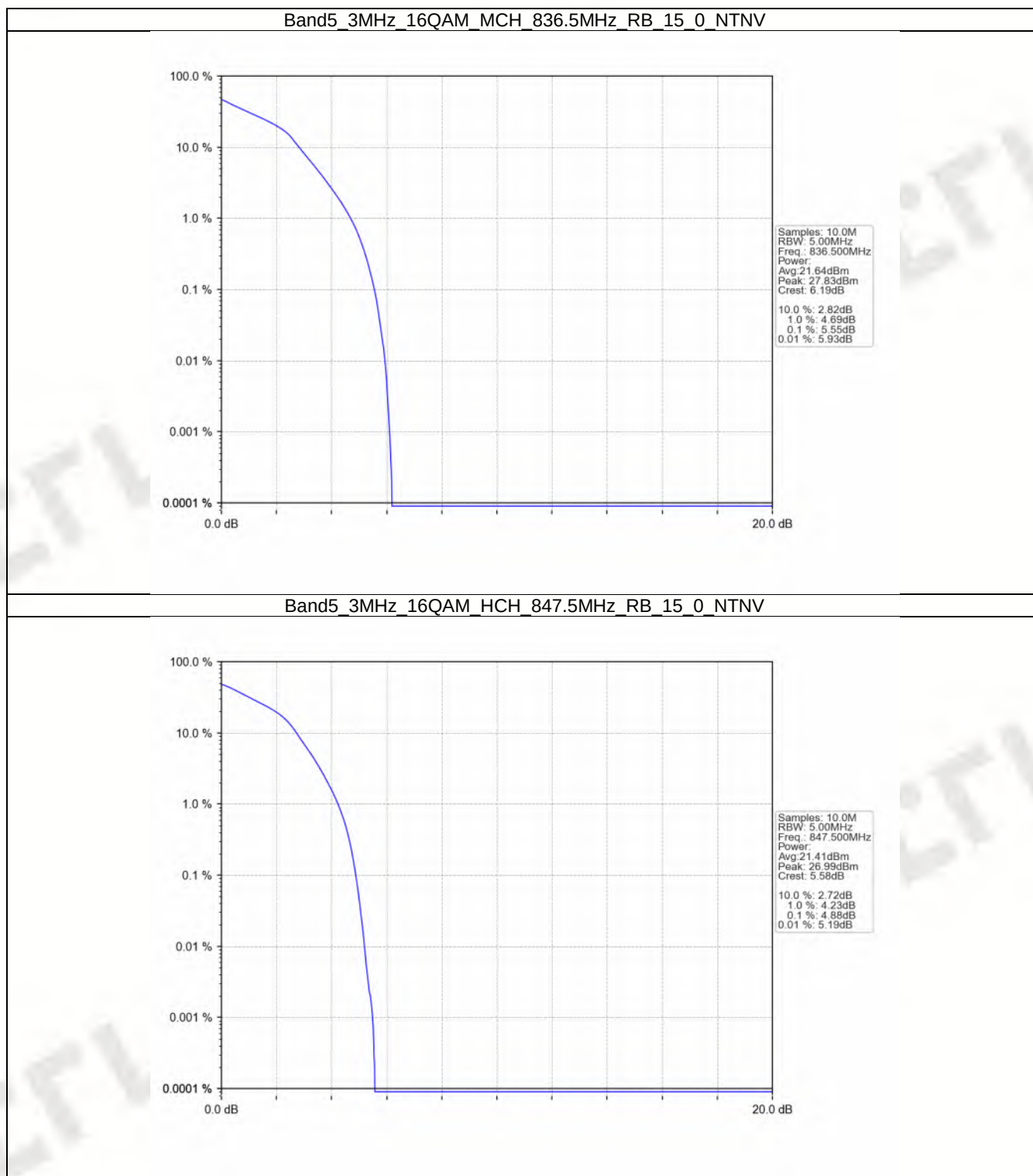
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



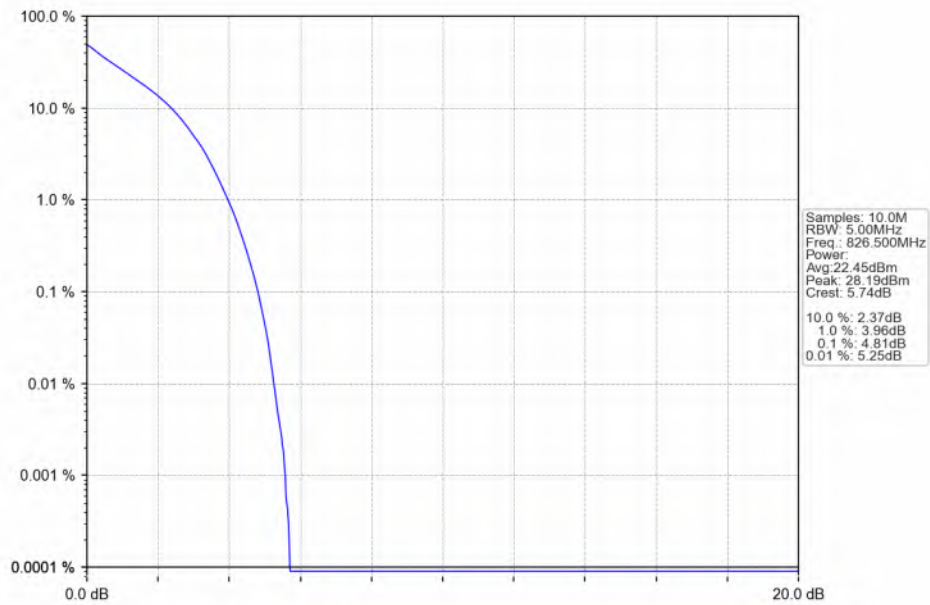
FCCID: 2AU4A-BMS100



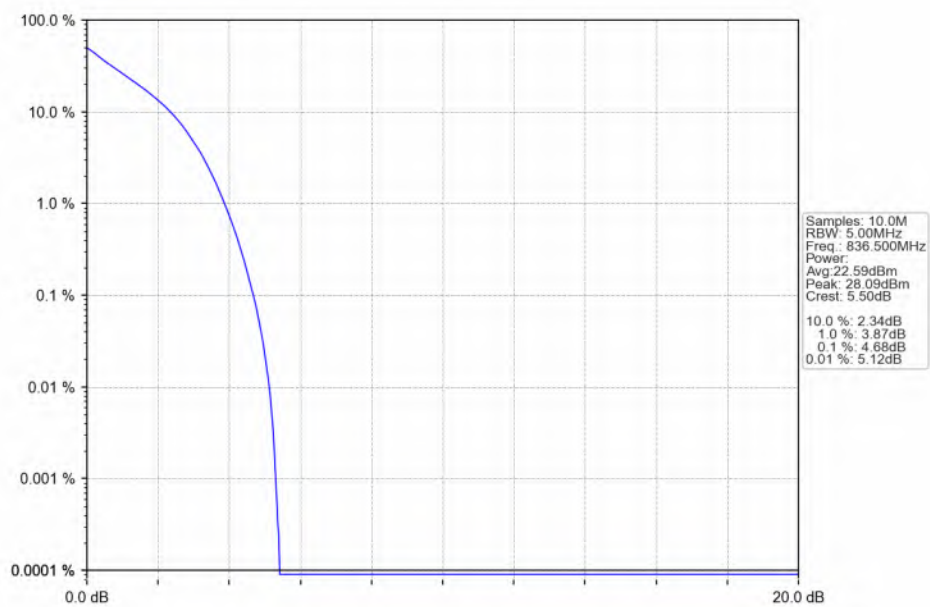
FCCID: 2AU4A-BMS100

5.2.3 B5_5MHz

Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV

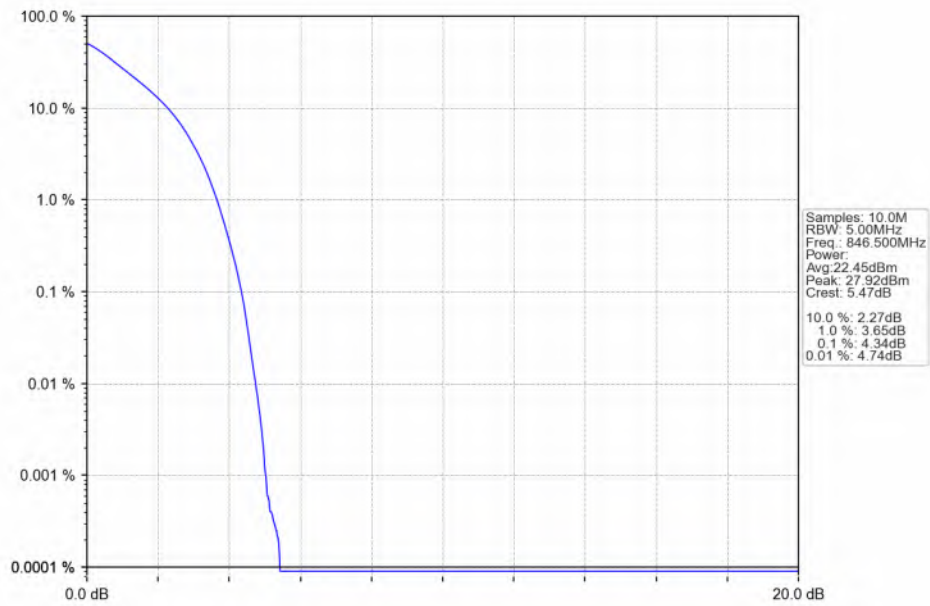


Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV

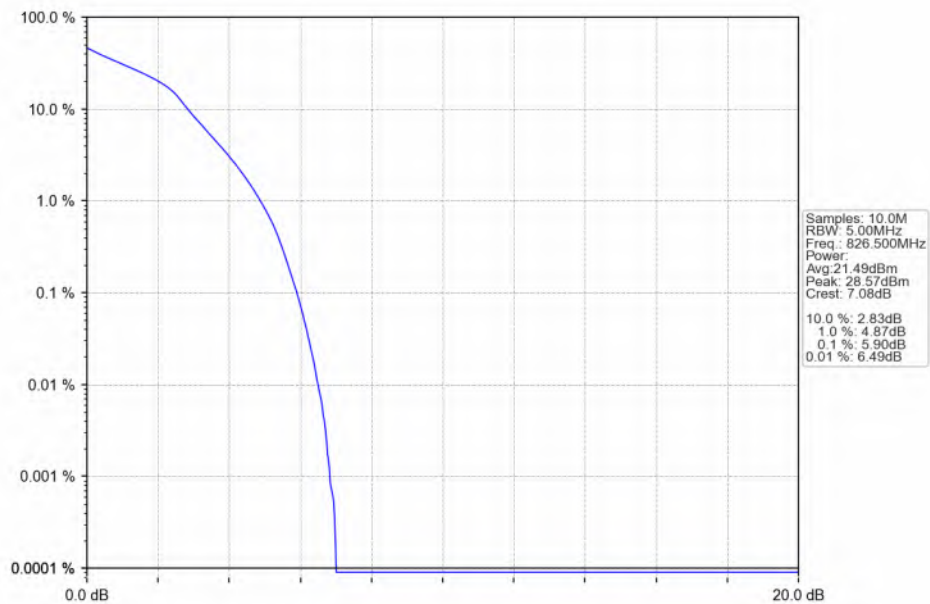


FCCID: 2AU4A-BMS100

Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV

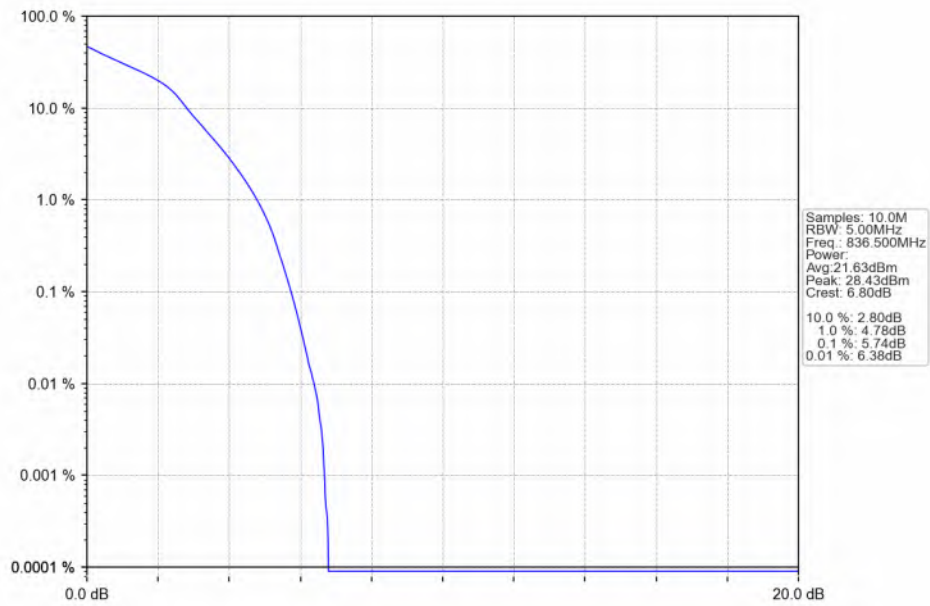


Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV

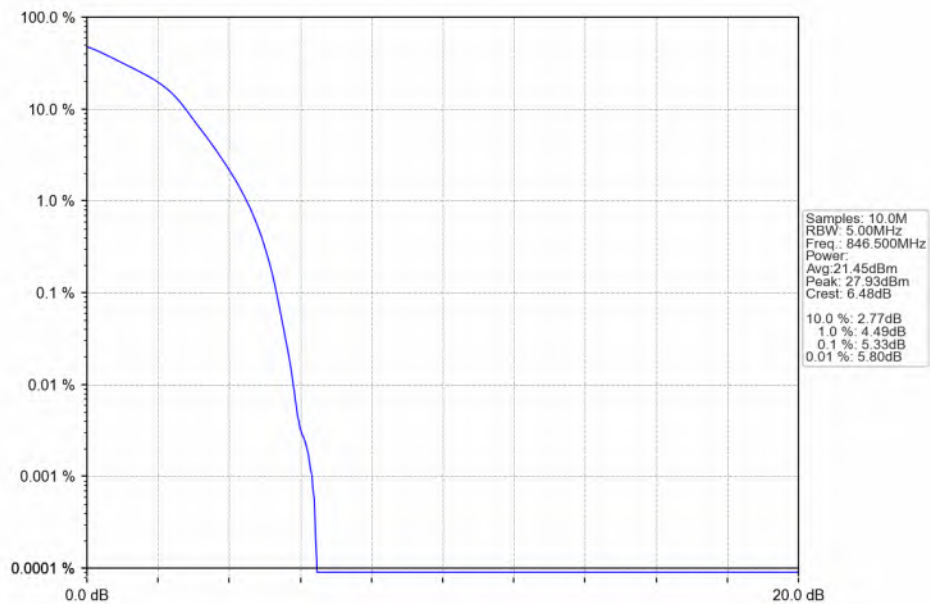


FCCID: 2AU4A-BMS100

Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



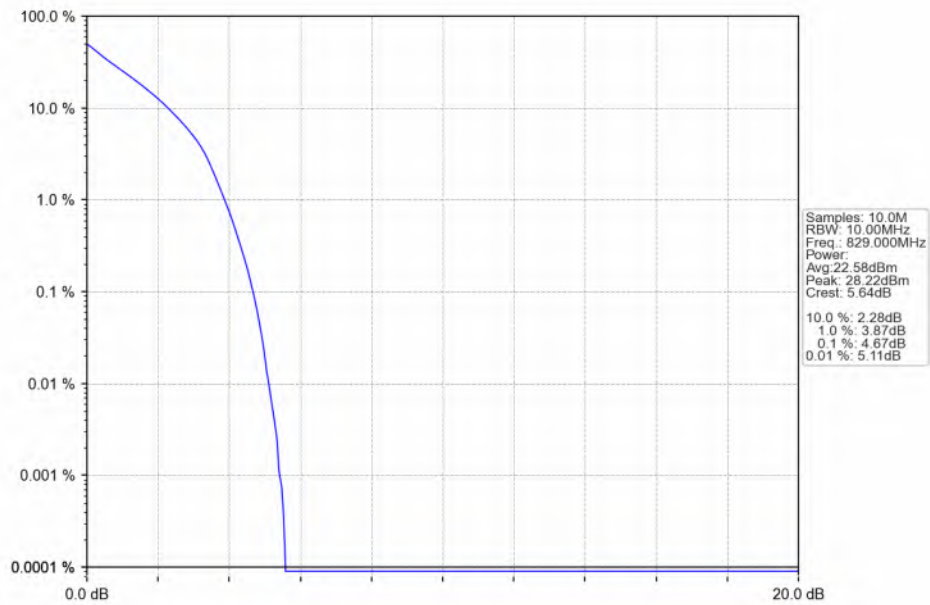
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



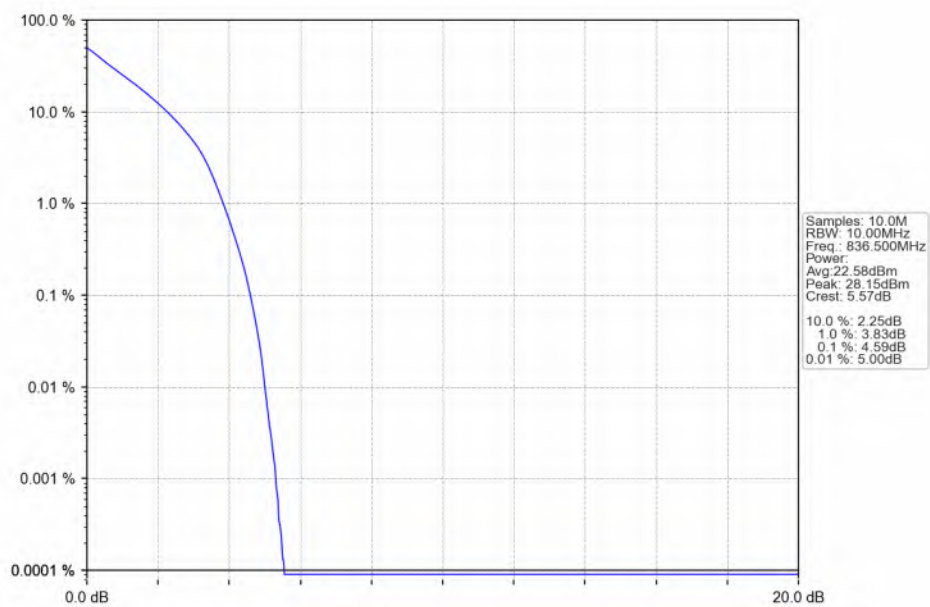
FCCID: 2AU4A-BMS100

5.2.4 B5_10MHz

Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV

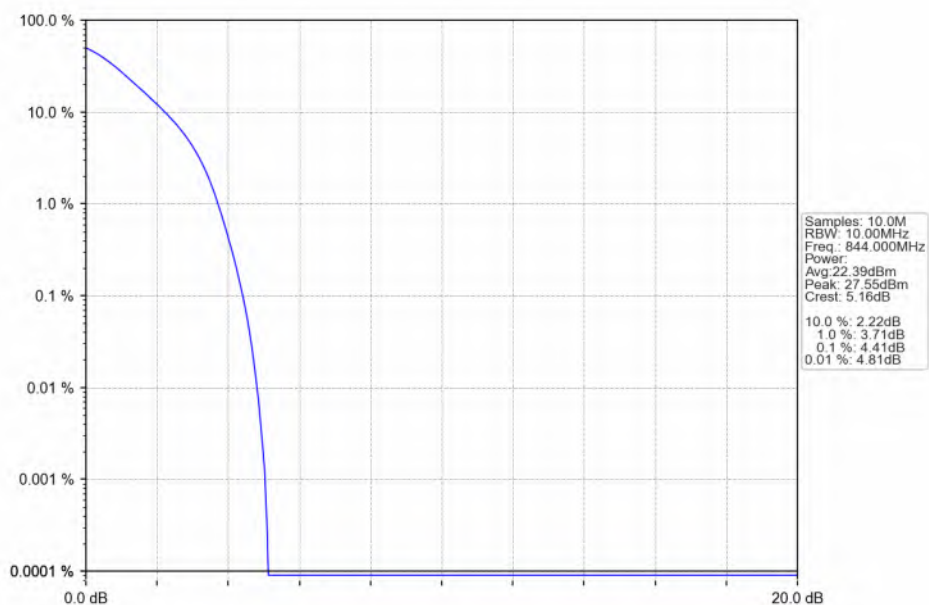


Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV

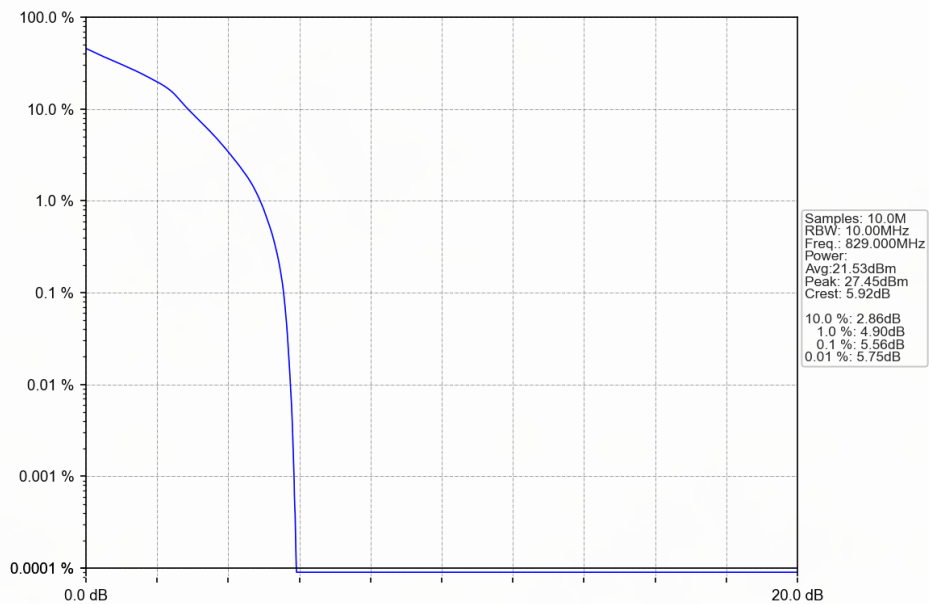


FCCID: 2AU4A-BMS100

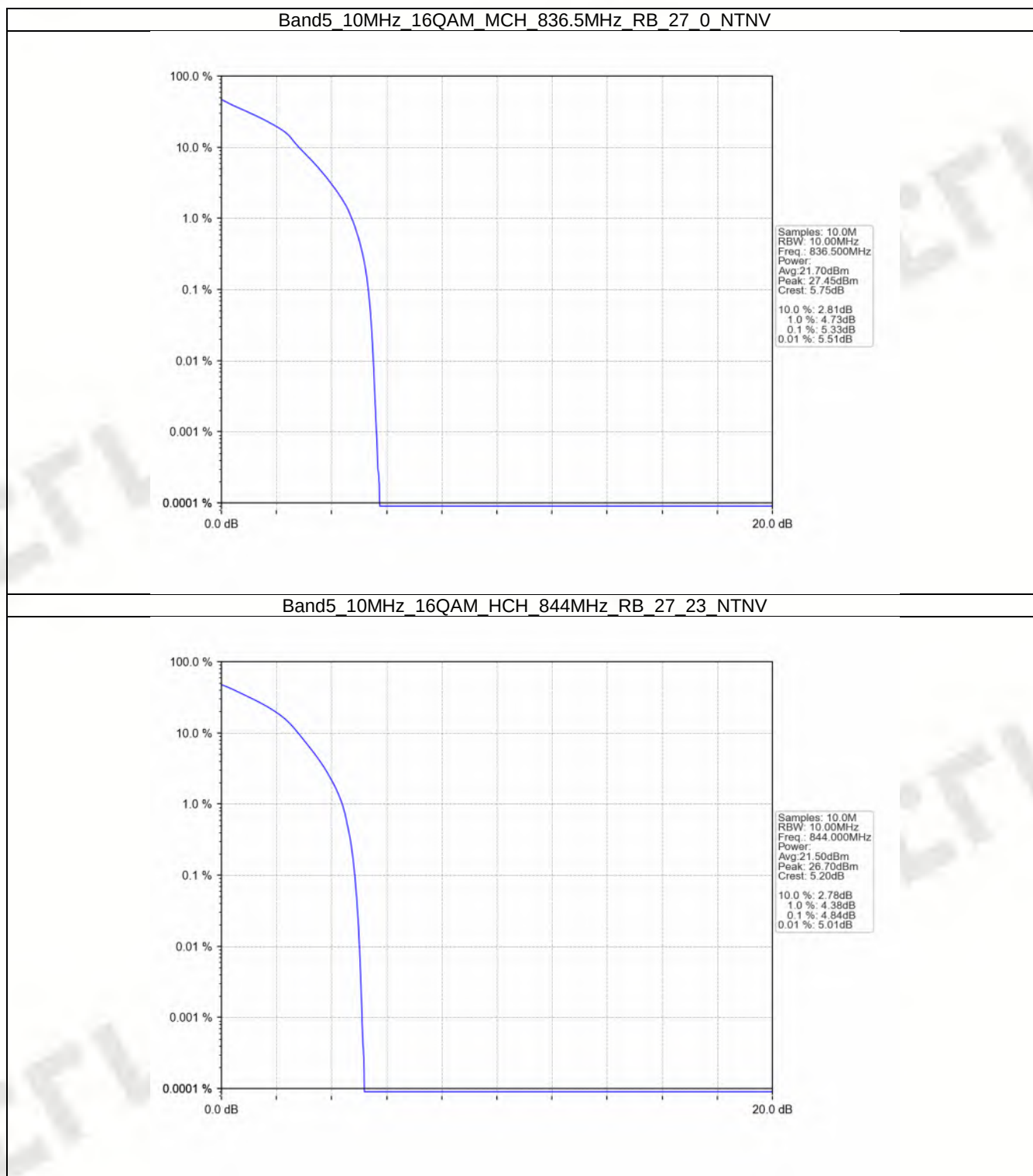
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_LCH_829MHz_RB_27_0_NTNV



FCCID: 2AU4A-BMS100



6. Spurious Emission

6.1 Test Result

6.1.1 B5_1.4MHz

Band: 5 / Bandwidth: 1.4MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		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
		1	0	Refer To Test Graph	Pass
			5	Refer To Test Graph	Pass
			0	Refer To Test Graph	Pass
16QAM	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
		1	0	Refer To Test Graph	Pass
			5	Refer To Test Graph	Pass
			0	Refer To Test Graph	Pass

6.1.2 B5_3MHz

Band: 5 / Bandwidth: 3MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		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
		1	0	Refer To Test Graph	Pass
			14	Refer To Test Graph	Pass
			0	Refer To Test Graph	Pass
16QAM	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
		1	0	Refer To Test Graph	Pass
			14	Refer To Test Graph	Pass
			0	Refer To Test Graph	Pass

6.1.3 B5_5MHz

Band: 5 / Bandwidth: 5MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		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
		1	0	Refer To Test Graph	Pass
			24	Refer To Test Graph	Pass
			0	Refer To Test Graph	Pass

FCCID: 2AU4A-BMS100

16QAM	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

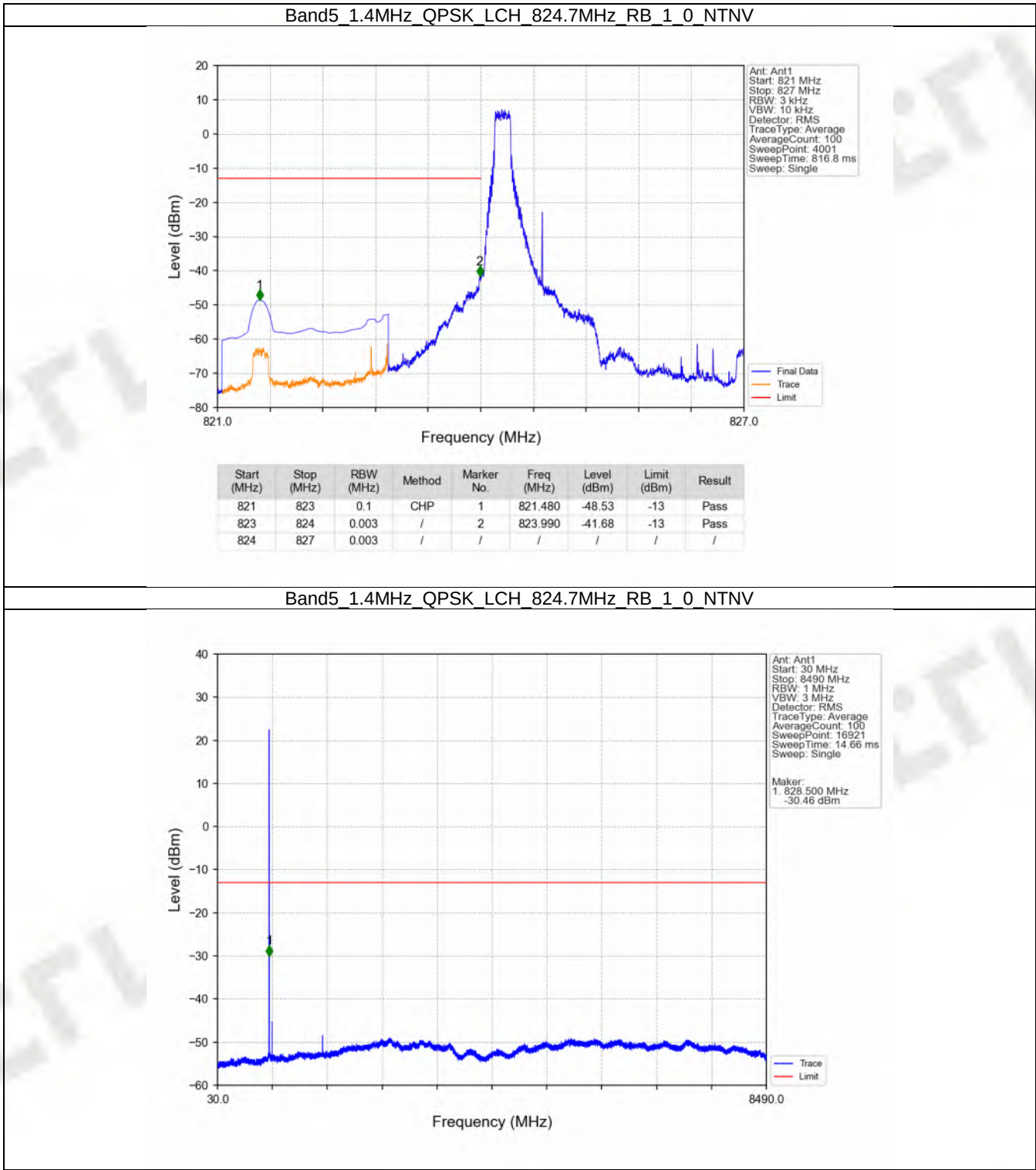
6.1.4 B5_10MHz

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
16QAM	829	1	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	844		0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass

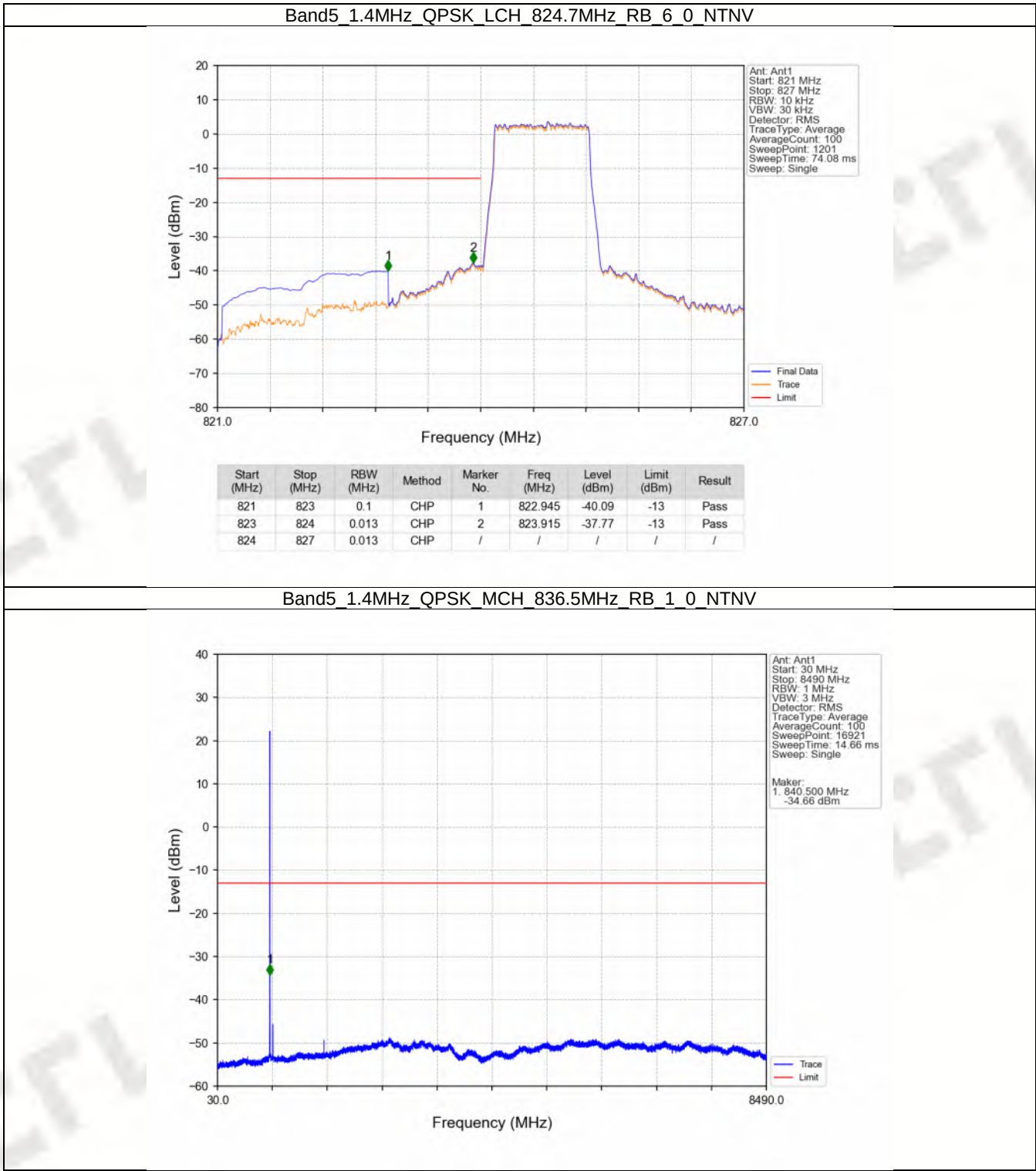
FCCID: 2AU4A-BMS100

6.2 Test Graph

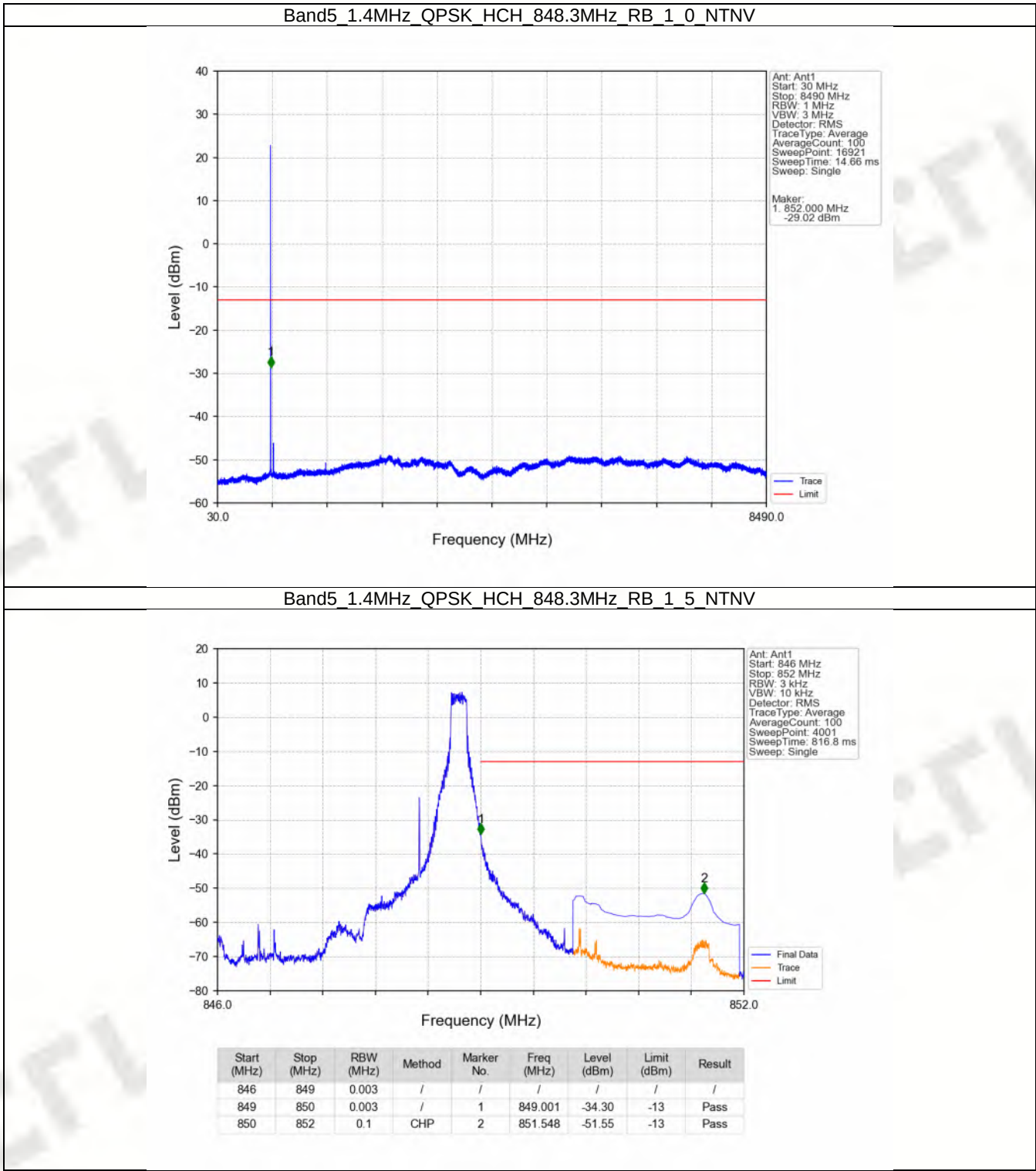
6.2.1 B5_1.4MHz



FCCID: 2AU4A-BMS100

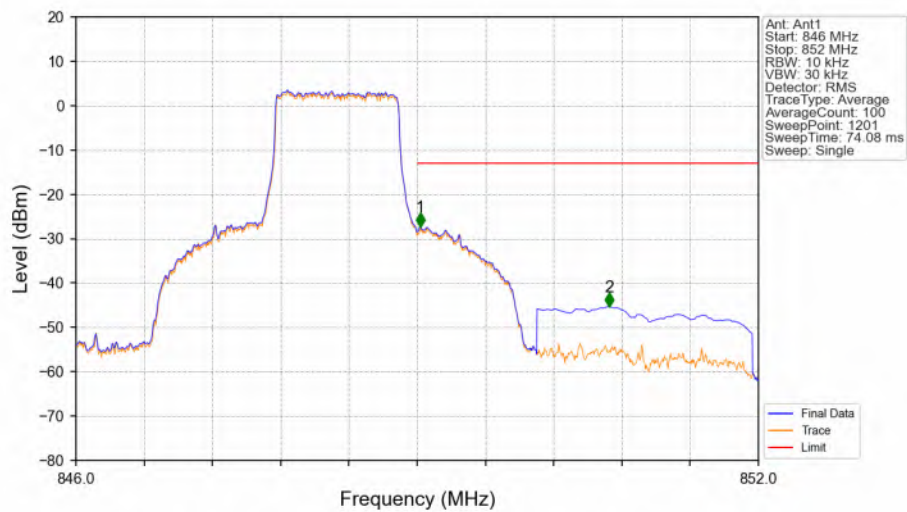


FCCID: 2AU4A-BMS100

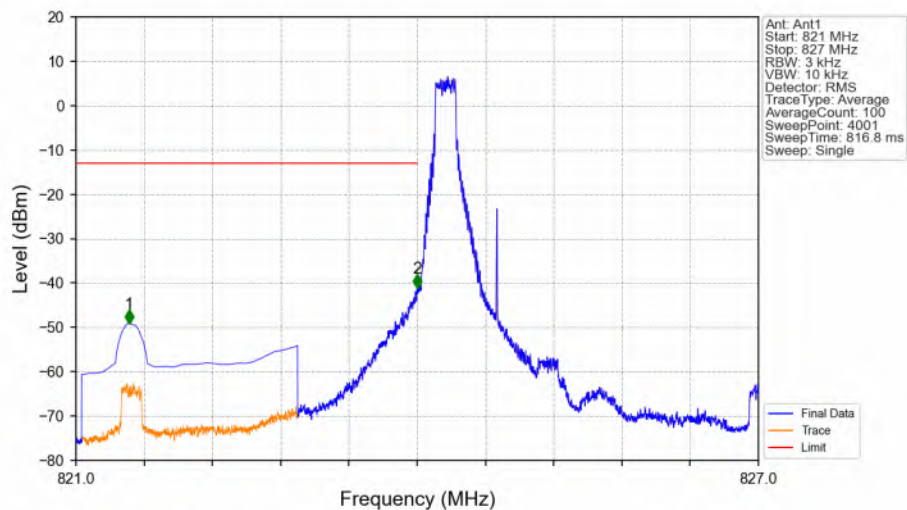


FCCID: 2AU4A-BMS100

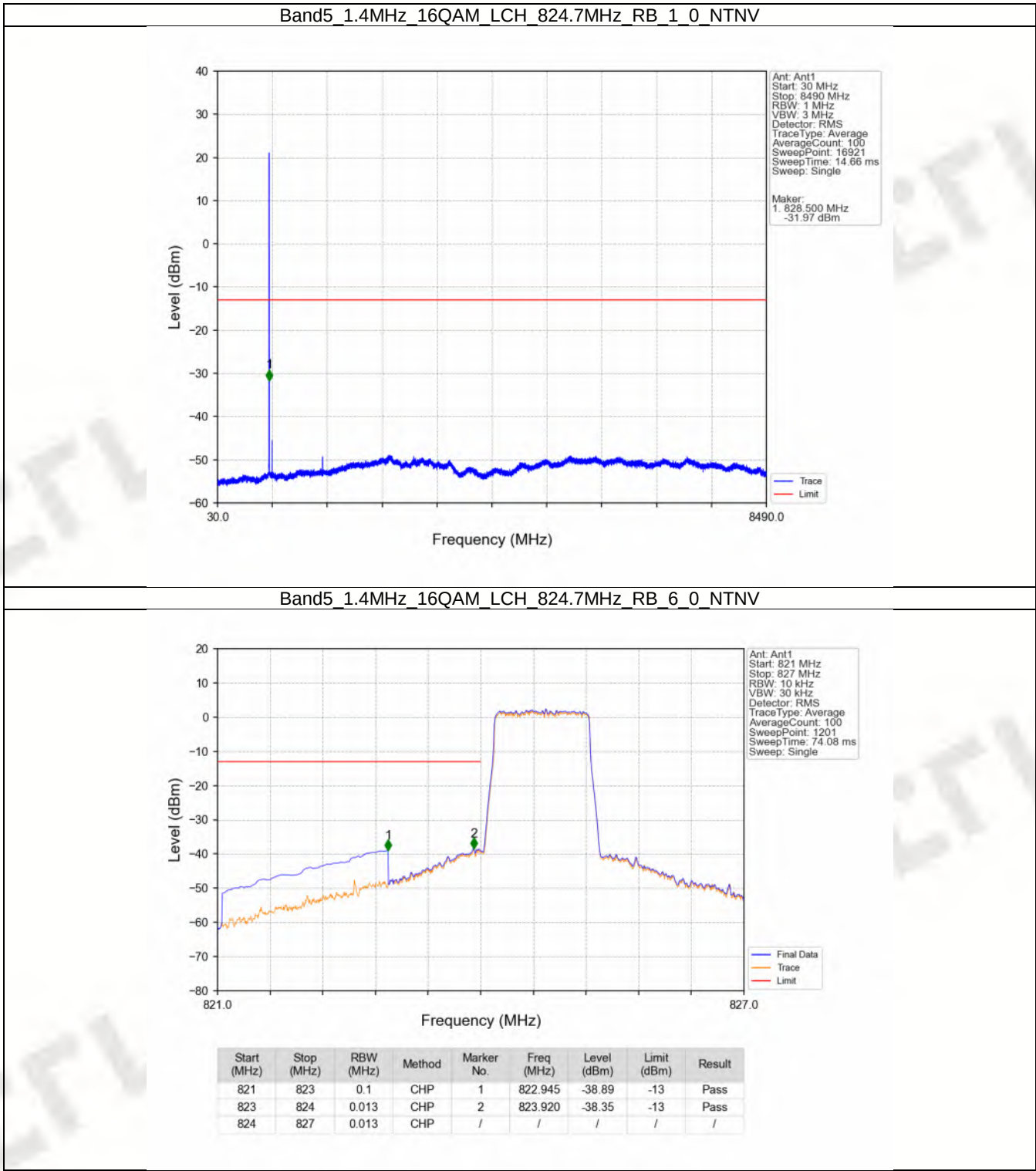
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_1_0_NTNV

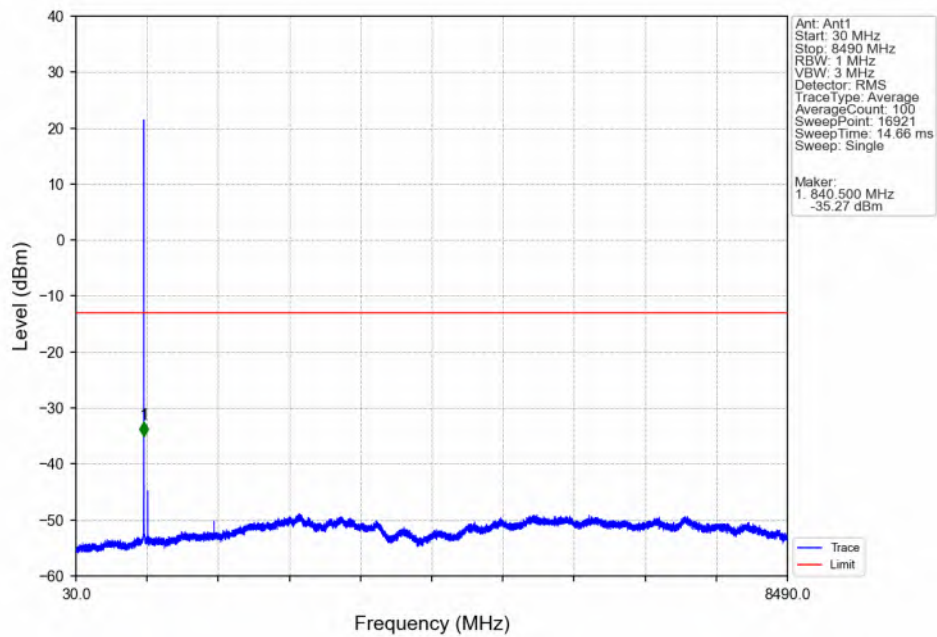


FCCID: 2AU4A-BMS100

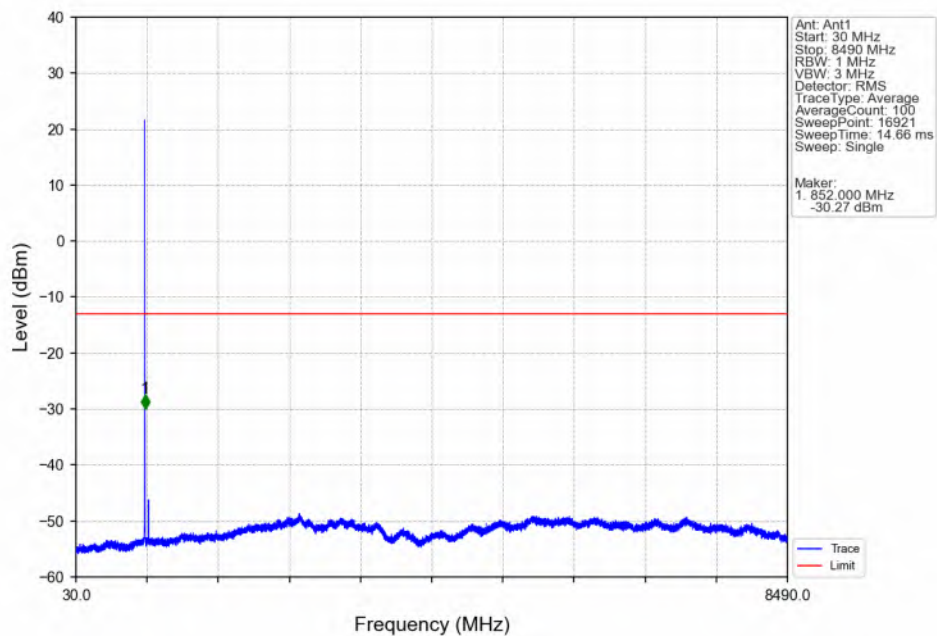


FCCID: 2AU4A-BMS100

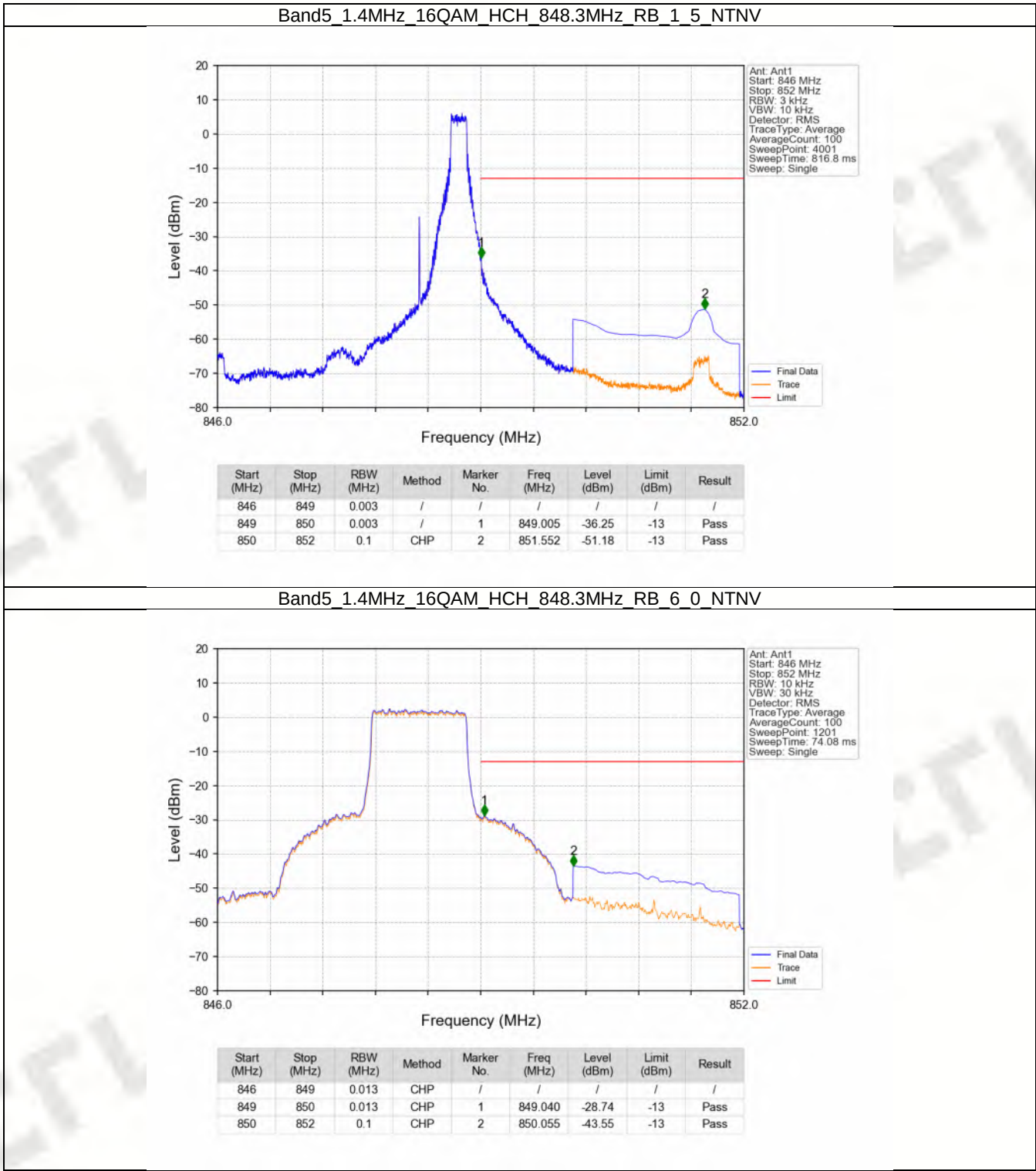
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_1_0_NTNV

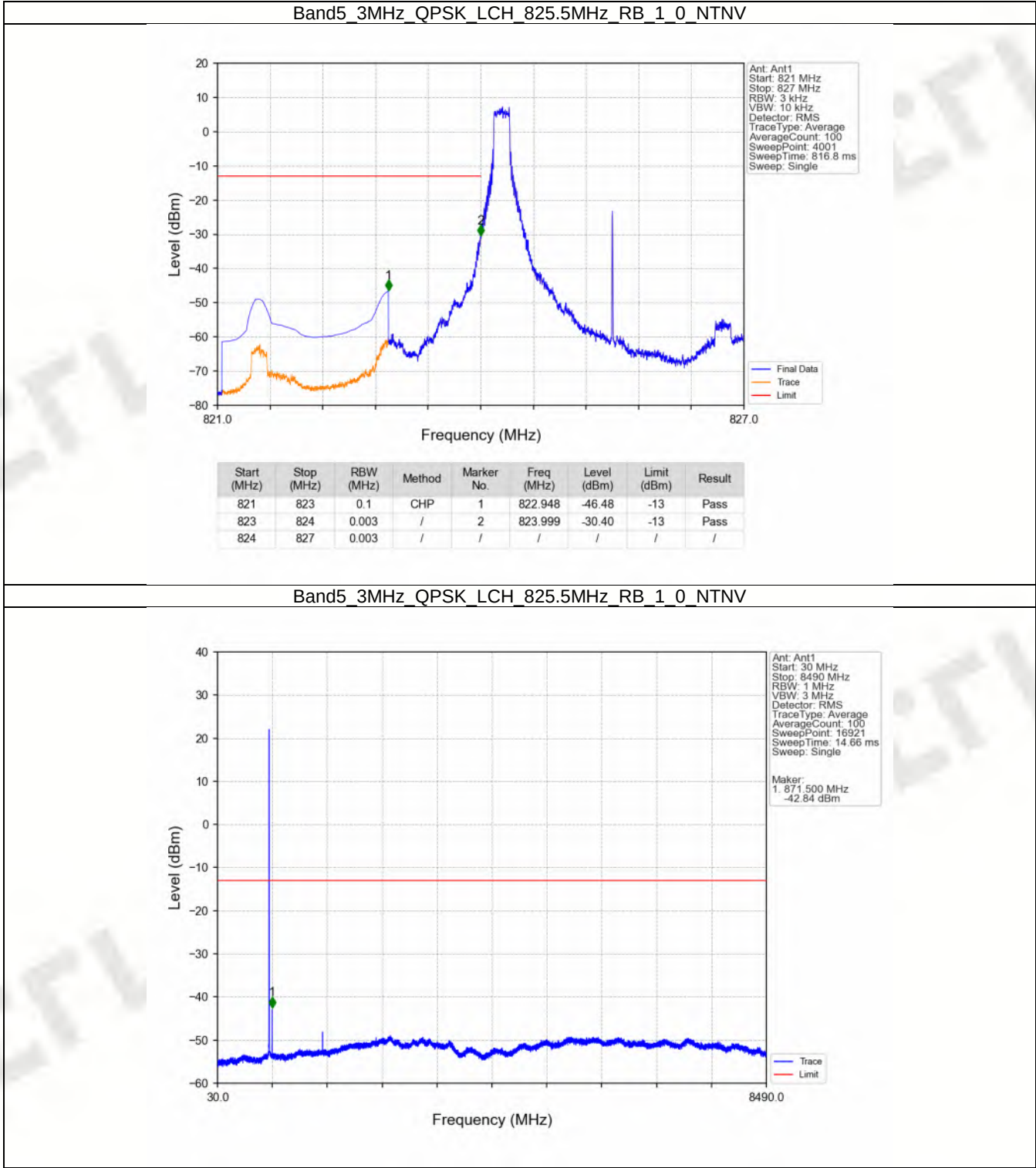


FCCID: 2AU4A-BMS100

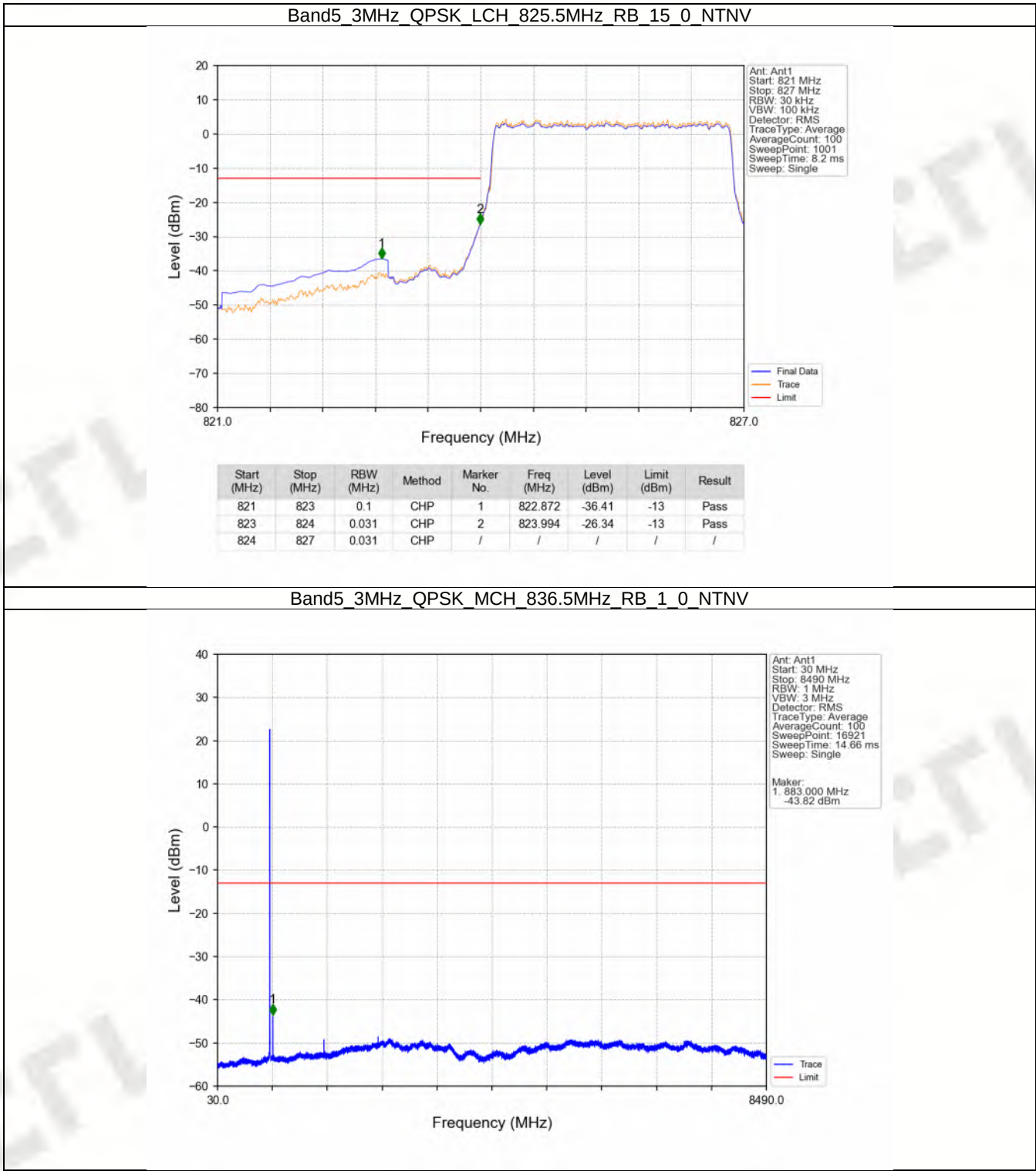


FCCID: 2AU4A-BMS100

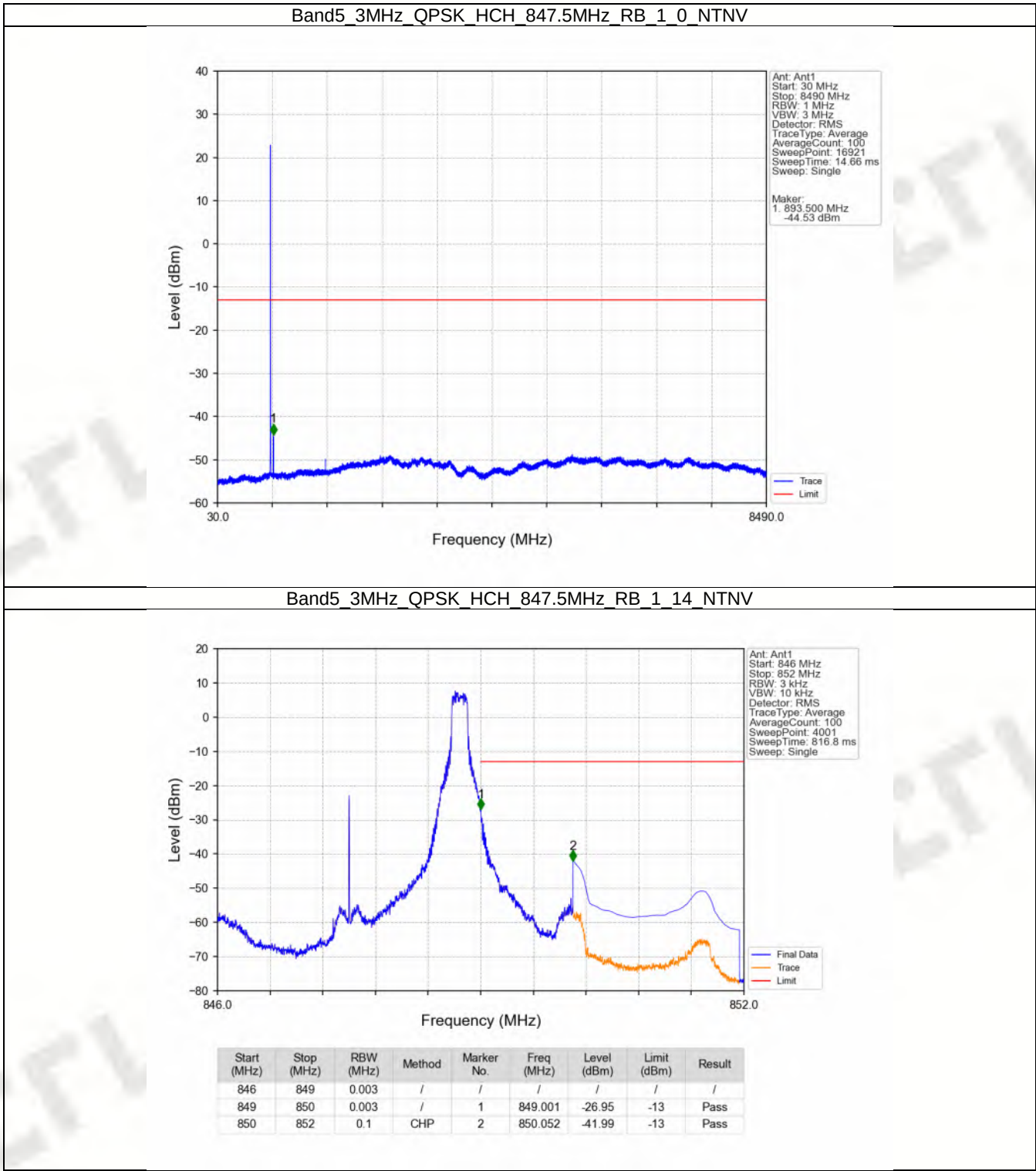
6.2.2 B5_3MHz



FCCID: 2AU4A-BMS100

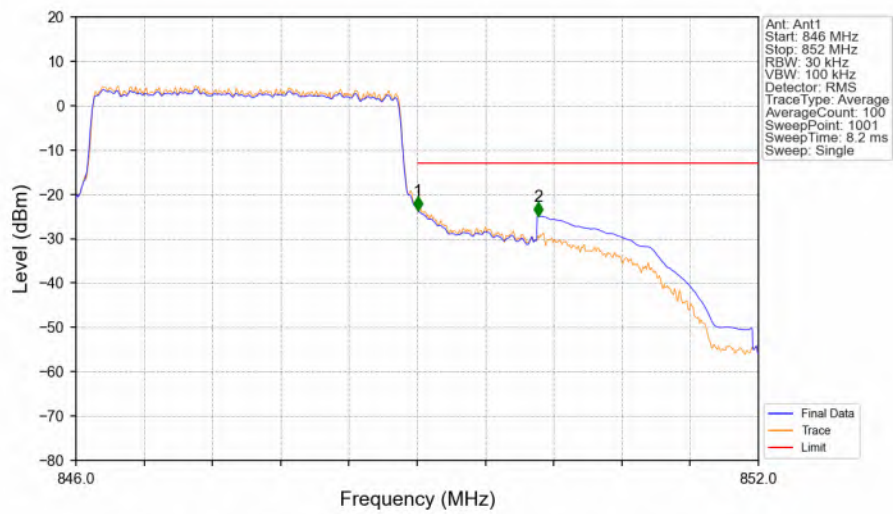


FCCID: 2AU4A-BMS100

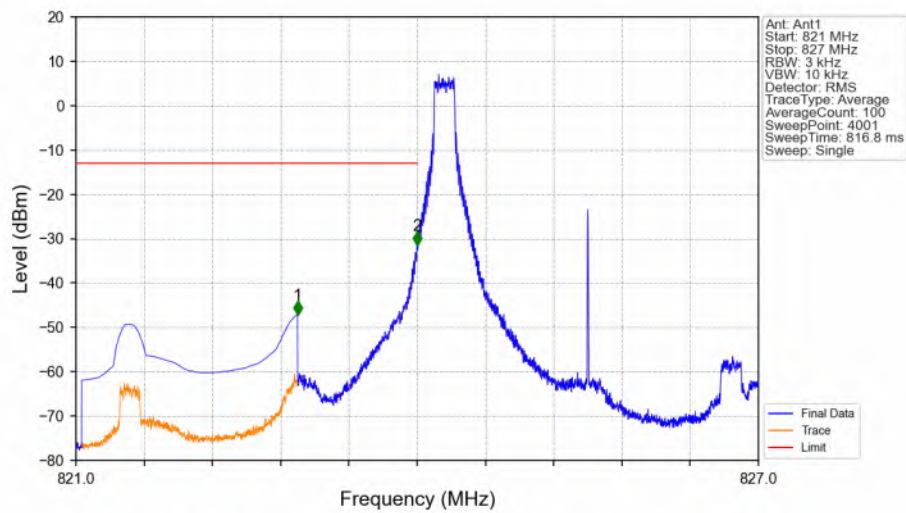


FCCID: 2AU4A-BMS100

Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV

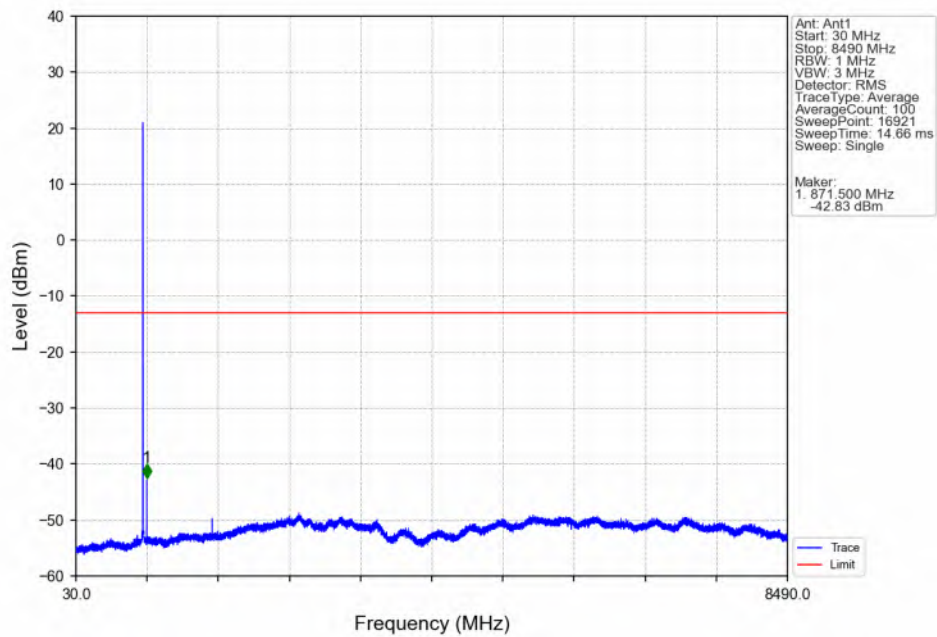


Band5_3MHz_16QAM_LCH_825.5MHz_RB_1_0_NTNV

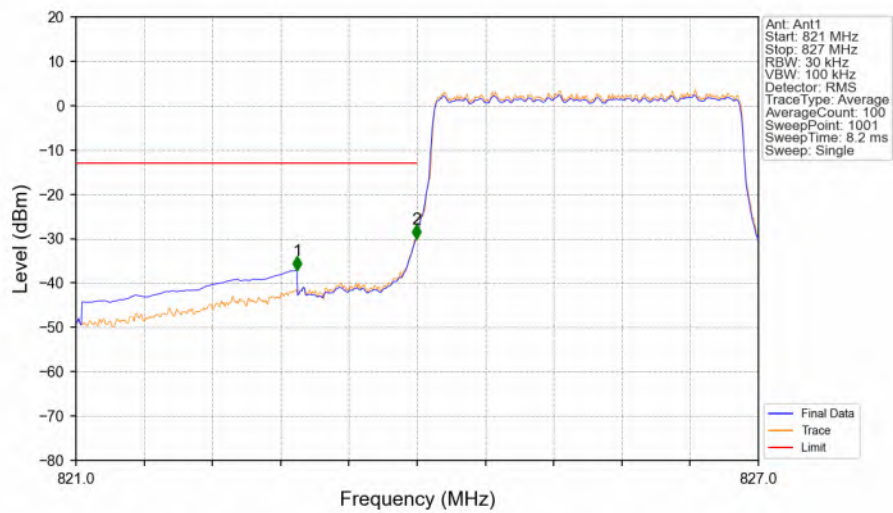


FCCID: 2AU4A-BMS100

Band5_3MHz_16QAM_LCH_825.5MHz_RB_1_0_NTNV



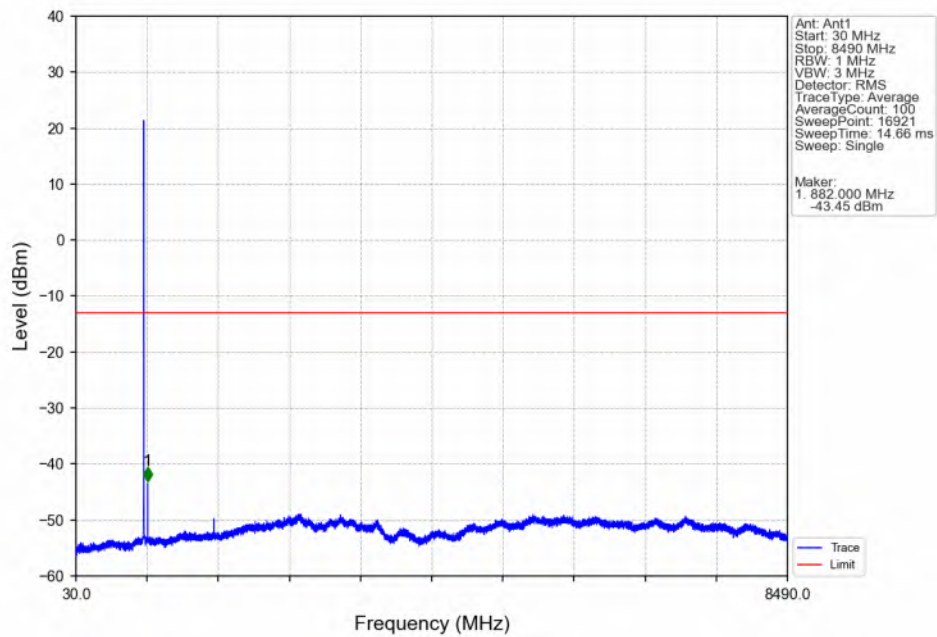
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



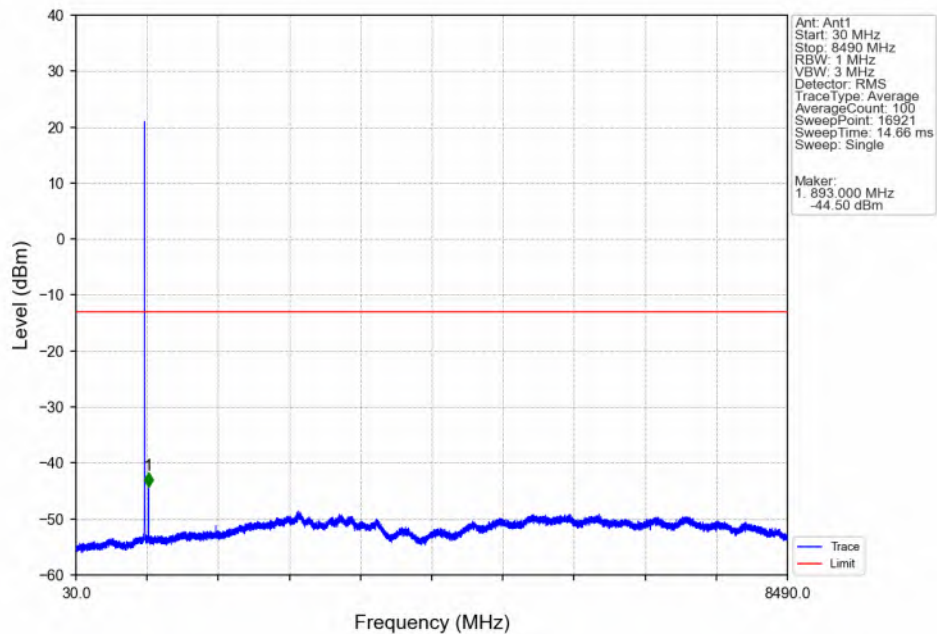
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.944	-37.08	-13	Pass
823	824	0.031	CHP	2	823.994	-30.05	-13	Pass
824	827	0.031	CHP	/	/	/	/	/

FCCID: 2AU4A-BMS100

Band5_3MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV

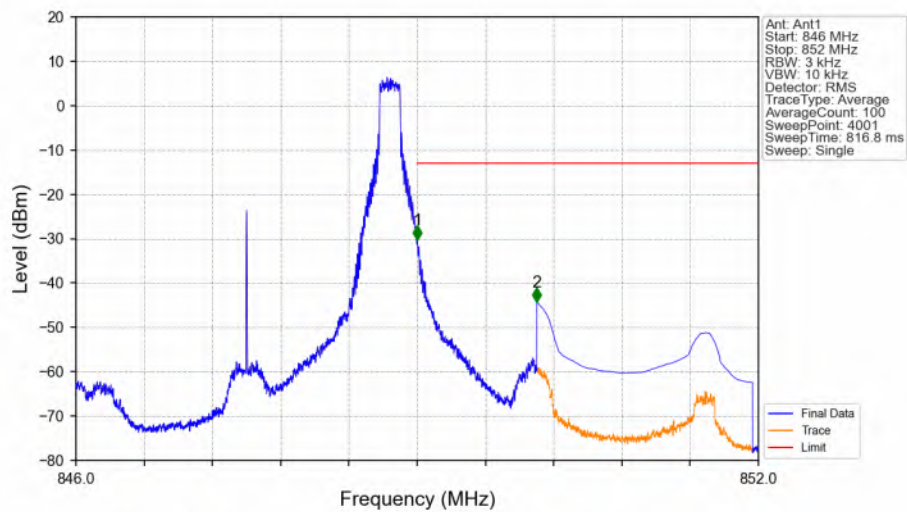


Band5_3MHz_16QAM_HCH_847.5MHz_RB_1_0_NTNV



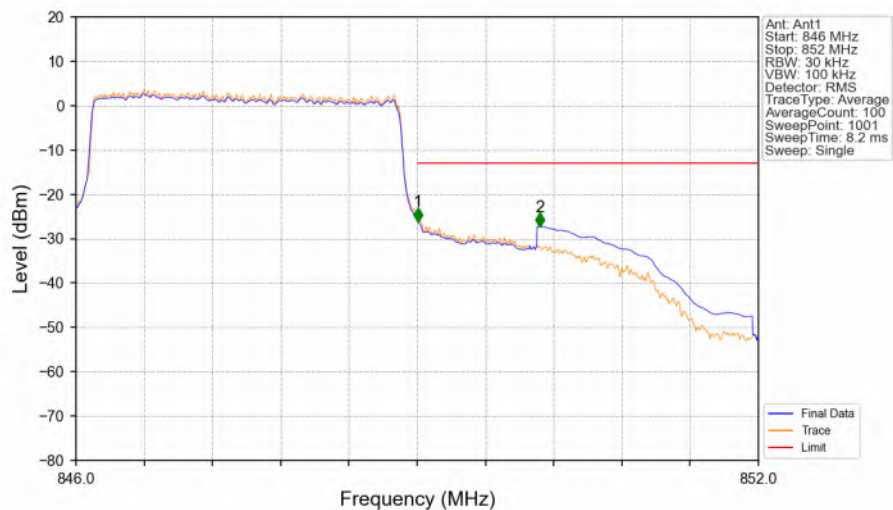
FCCID: 2AU4A-BMS100

Band5_3MHz_16QAM_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	849.001	-30.22	-13	Pass
850	852	0.1	CHP	2	850.052	-44.24	-13	Pass

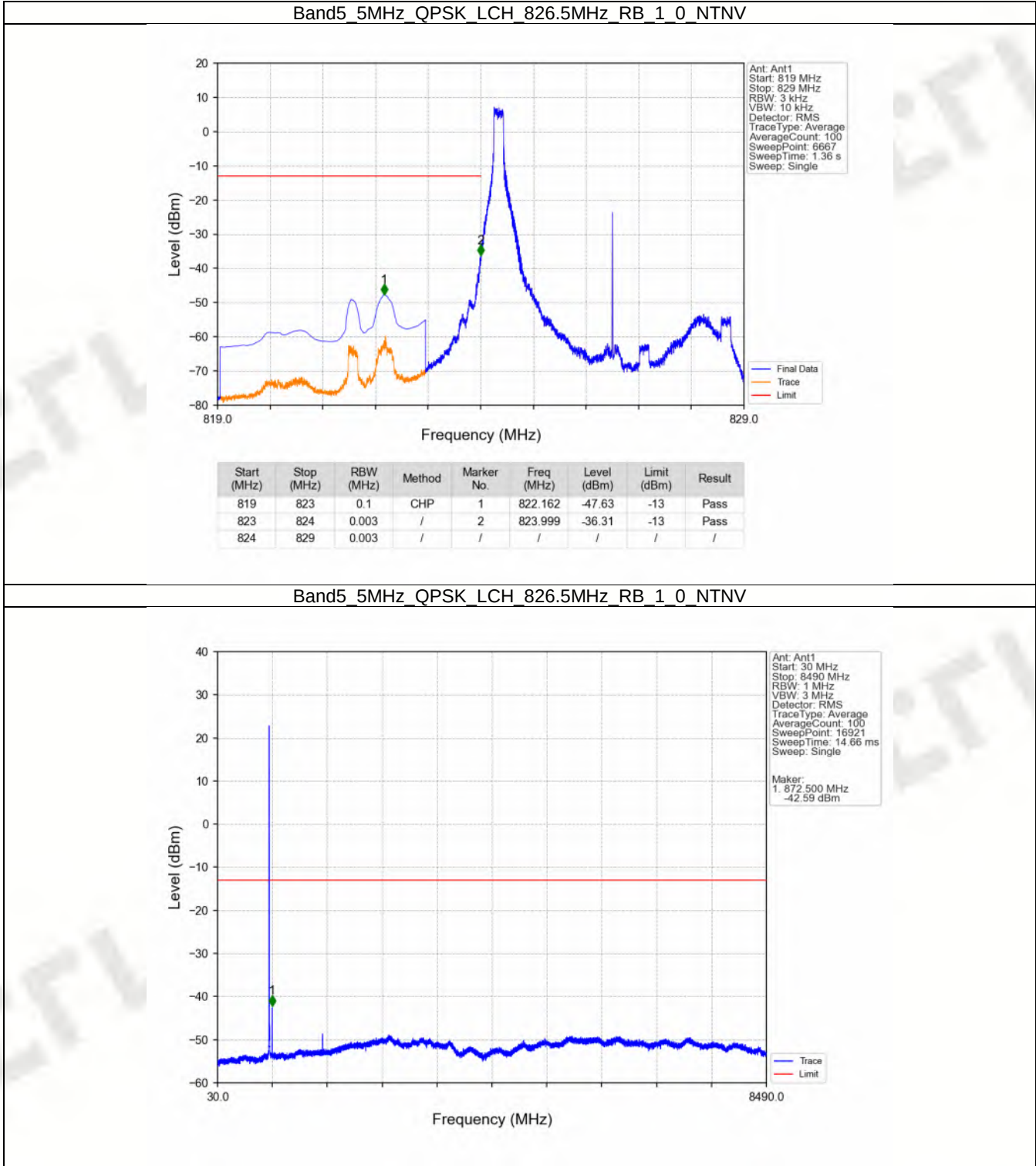
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.031	CHP	/	/	/	/	/
849	850	0.031	CHP	1	849.006	-26.12	-13	Pass
850	852	0.1	CHP	2	850.080	-27.25	-13	Pass

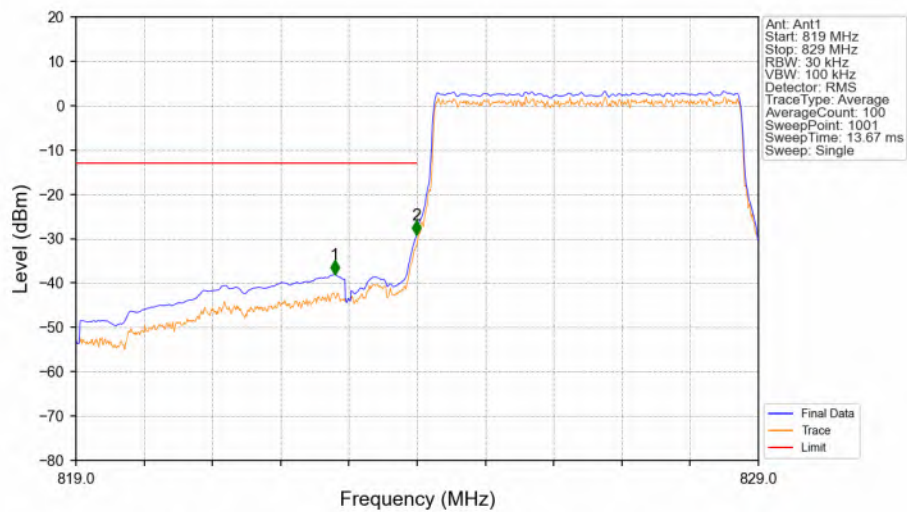
FCCID: 2AU4A-BMS100

6.2.3 B5_5MHz



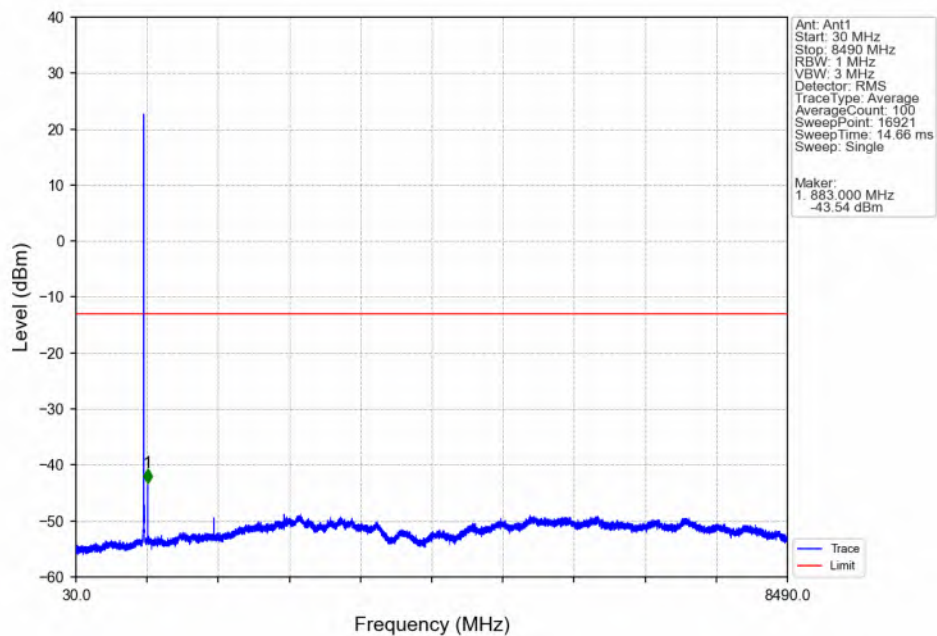
FCCID: 2AU4A-BMS100

Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV

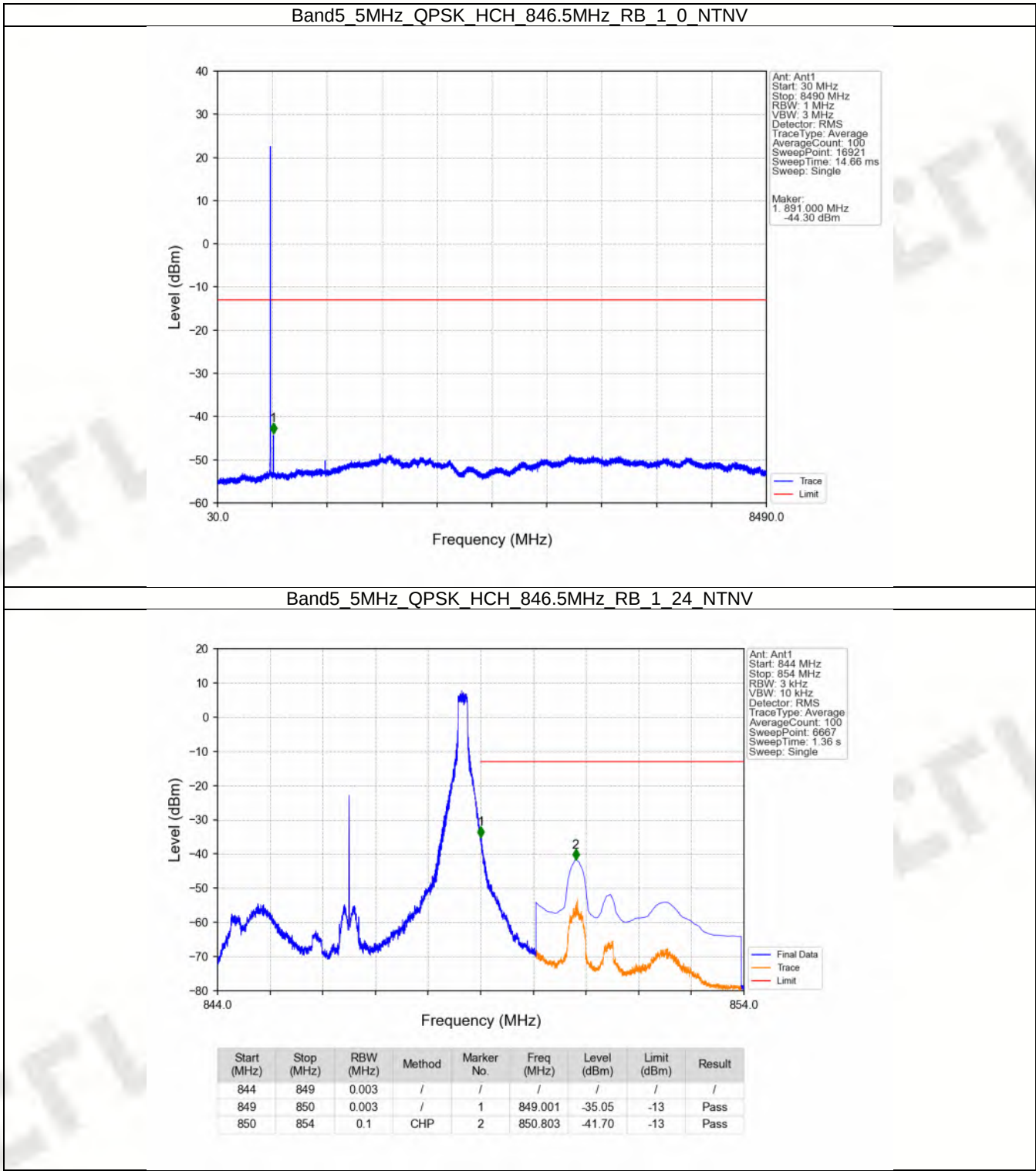


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.790	-38.00	-13	Pass
823	824	0.051	CHP	2	823.990	-29.15	-13	Pass
824	829	0.051	CHP	/	/	/	/	/

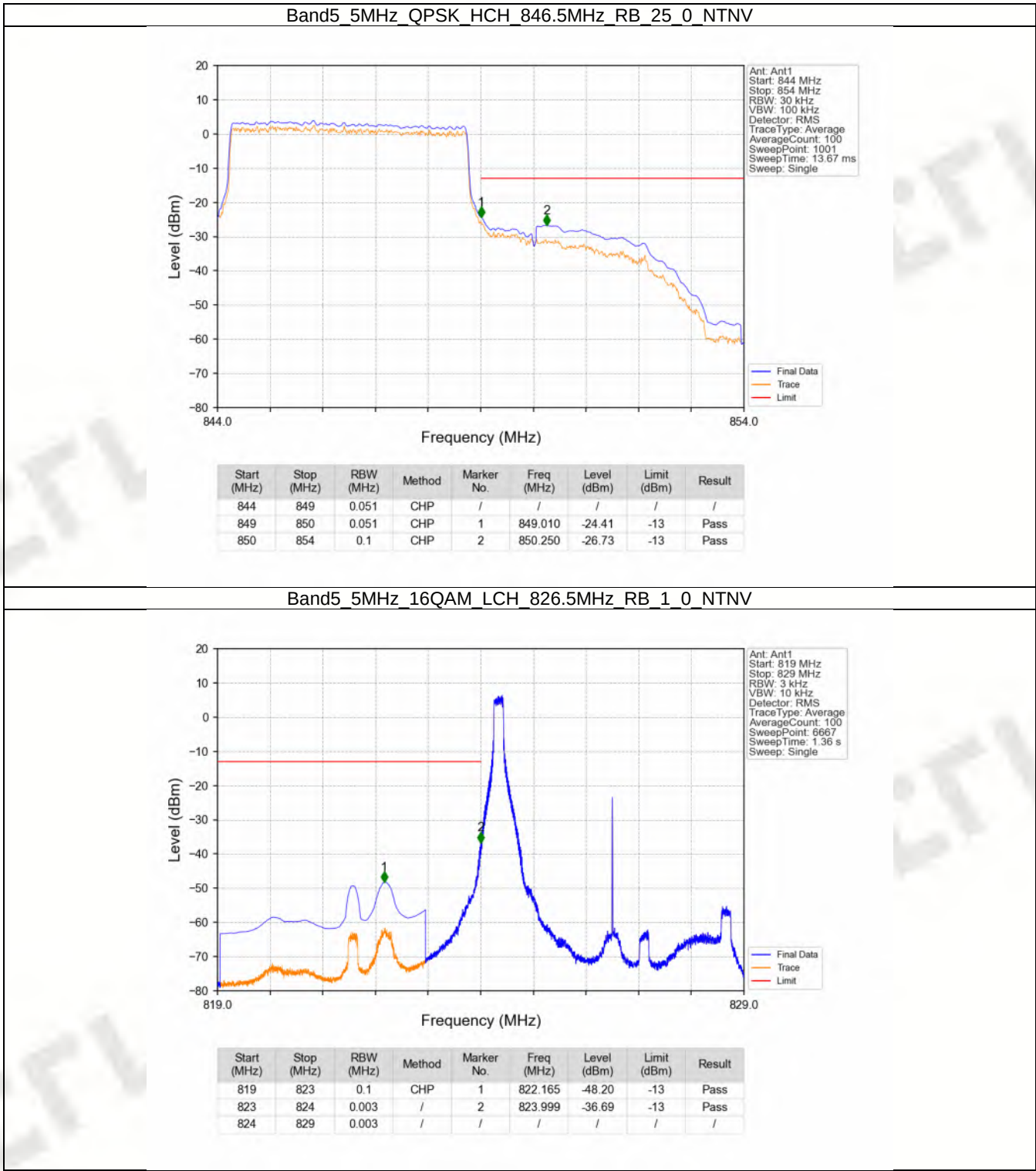
Band5_5MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



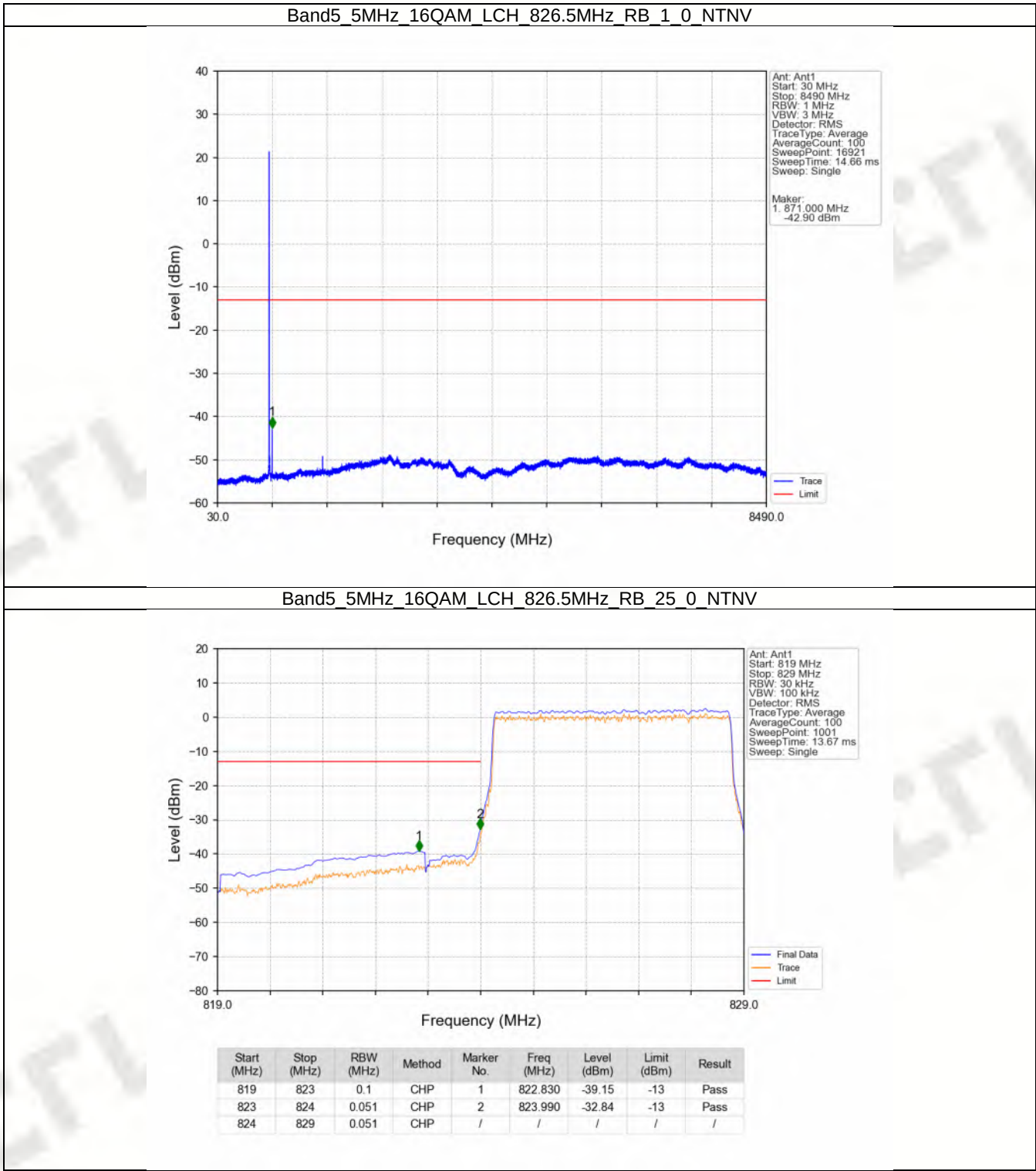
FCCID: 2AU4A-BMS100



FCCID: 2AU4A-BMS100

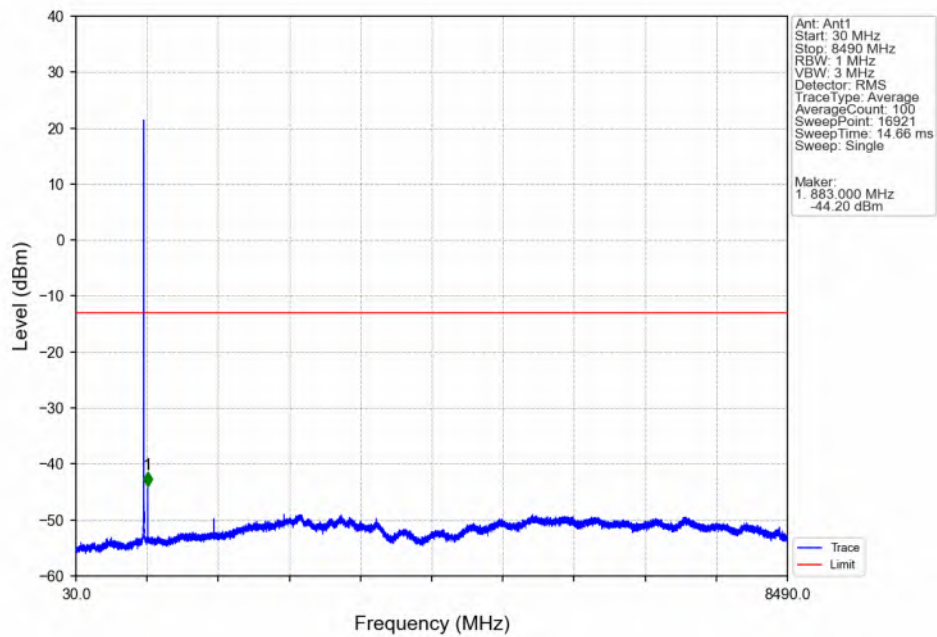


FCCID: 2AU4A-BMS100

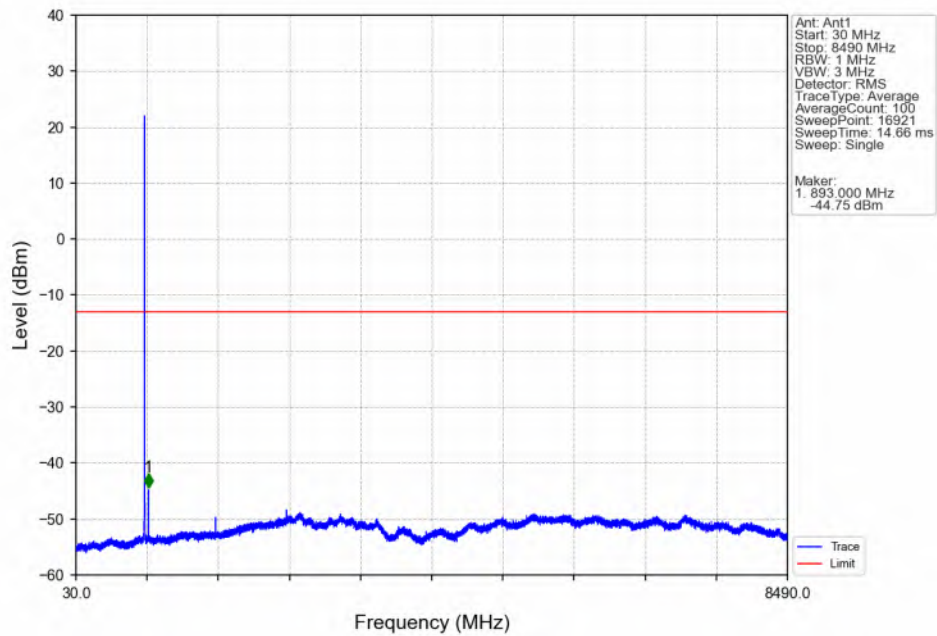


FCCID: 2AU4A-BMS100

Band5_5MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV

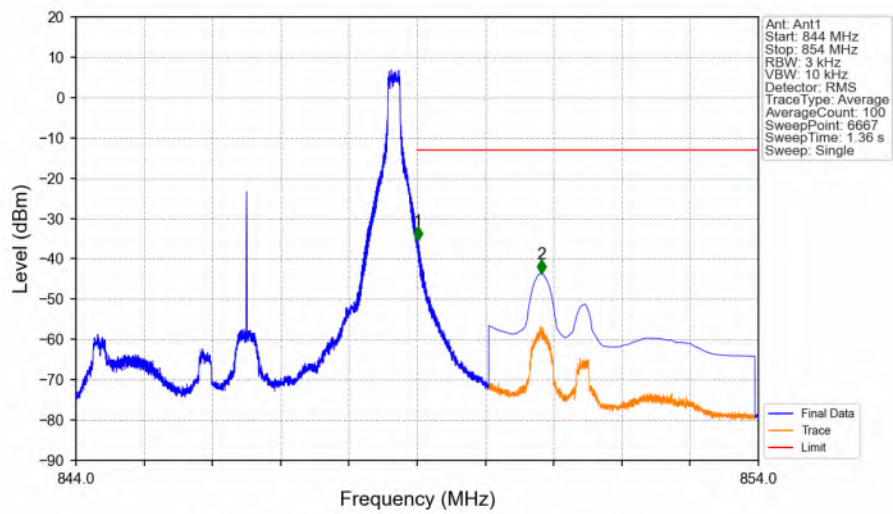


Band5_5MHz_16QAM_HCH_846.5MHz_RB_1_0_NTNV

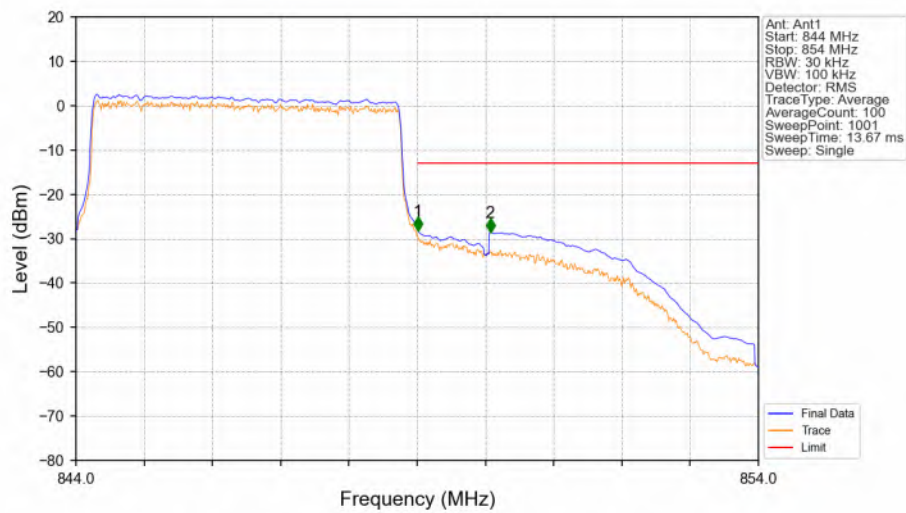


FCCID: 2AU4A-BMS100

Band5_5MHz_16QAM_HCH_846.5MHz_RB_1_24_NTNV

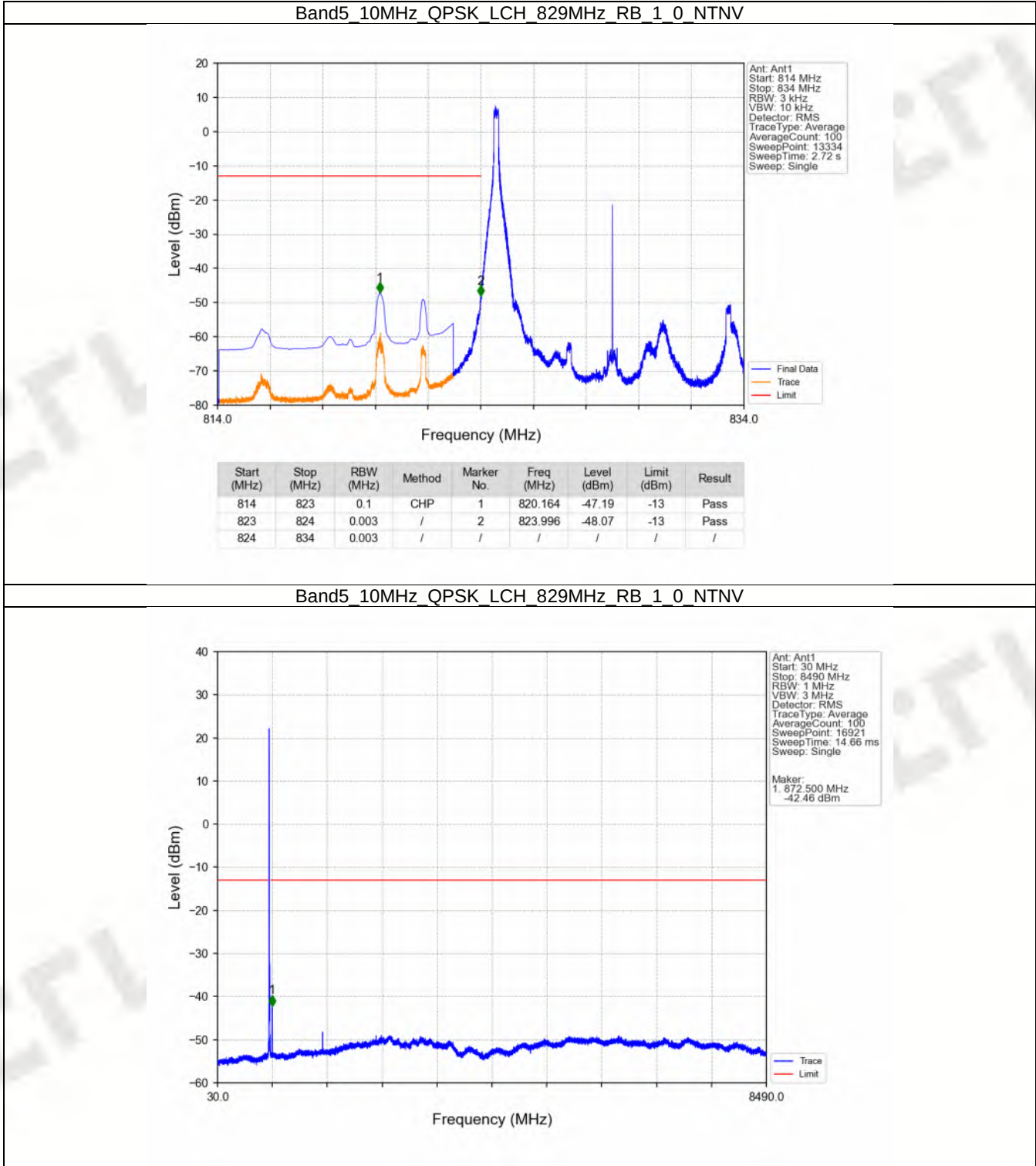


Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV

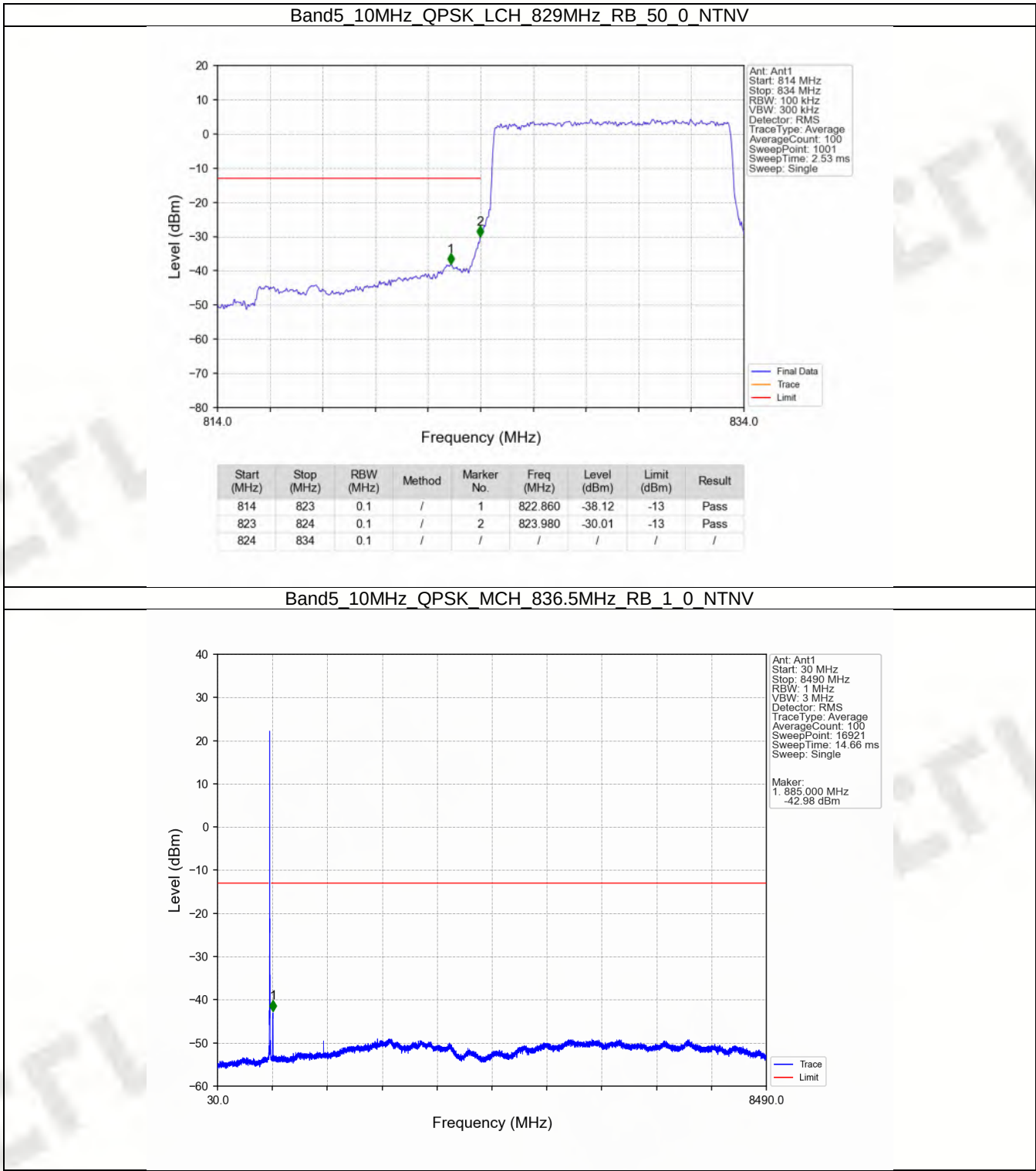


FCCID: 2AU4A-BMS100

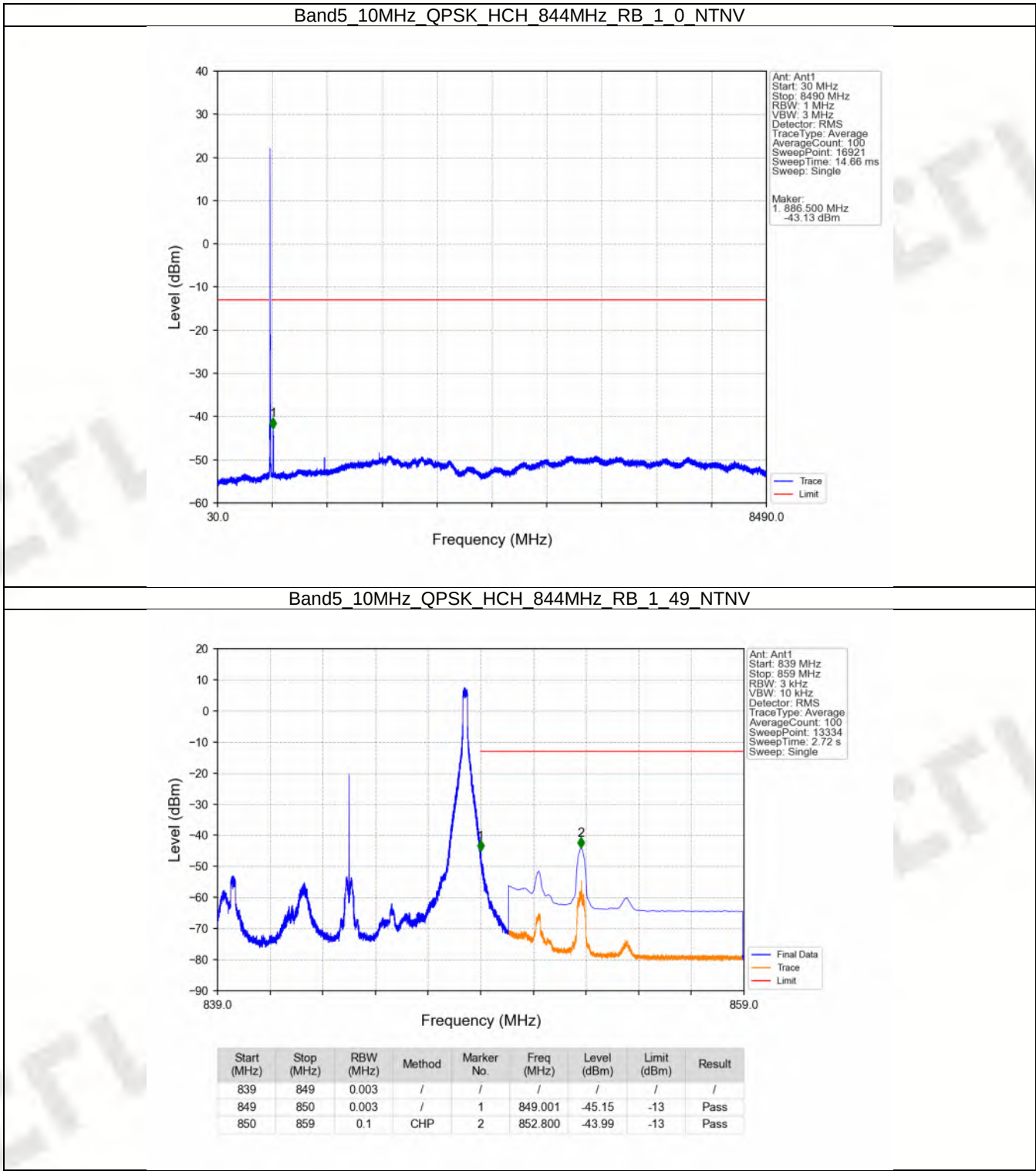
6.2.4 B5_10MHz



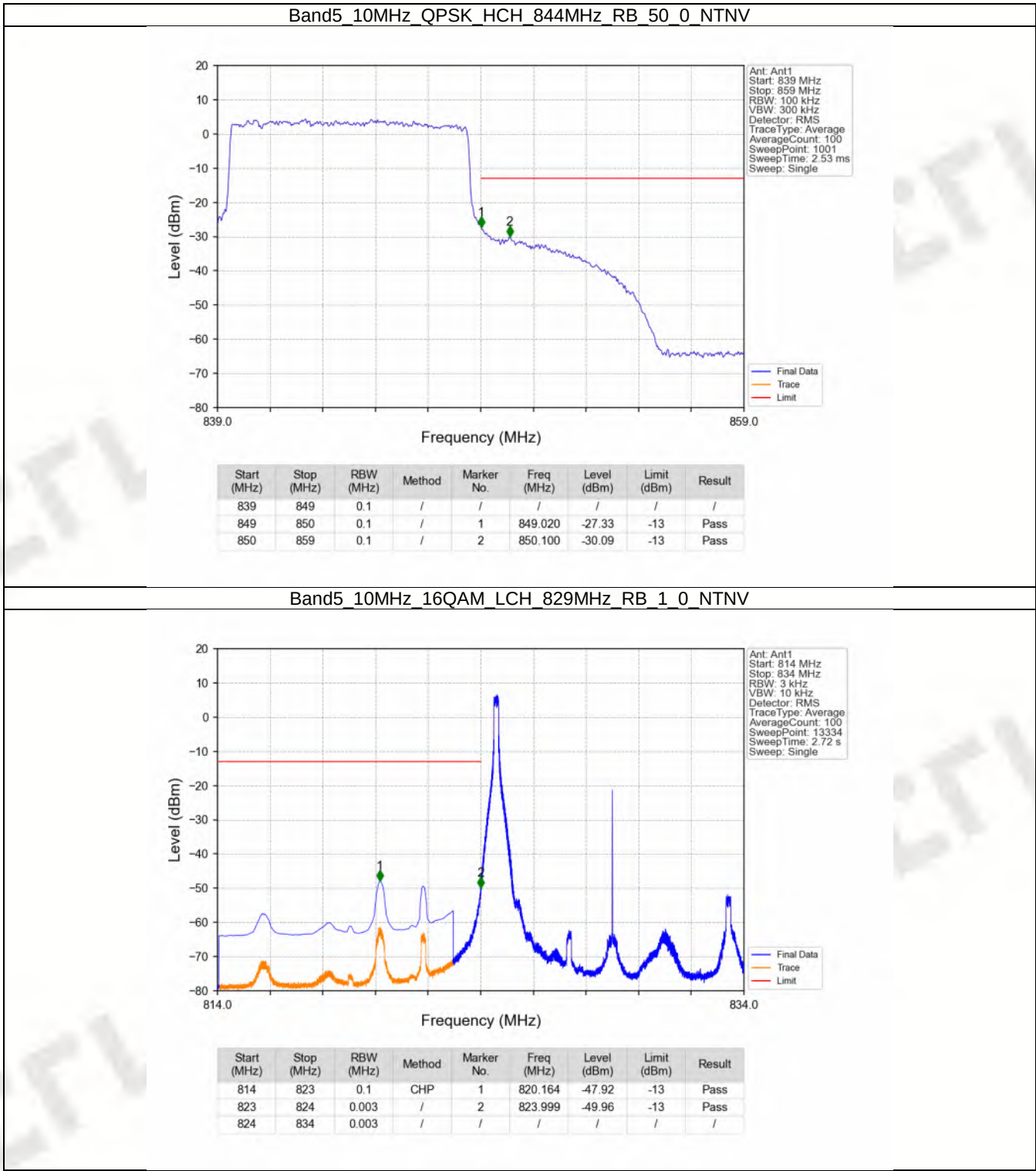
FCCID: 2AU4A-BMS100



FCCID: 2AU4A-BMS100

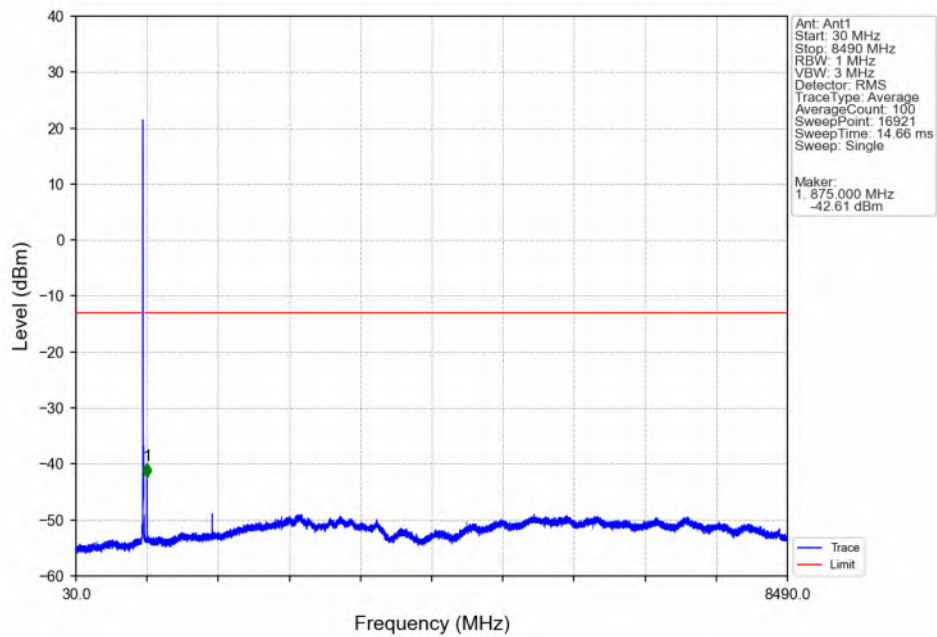


FCCID: 2AU4A-BMS100

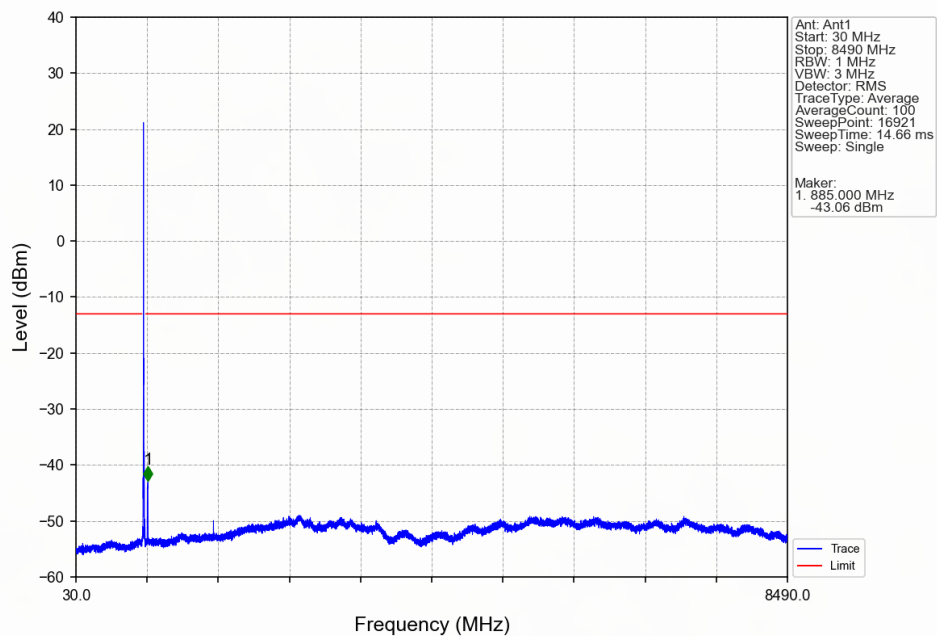


FCCID: 2AU4A-BMS100

Band5_10MHz_16QAM_LCH_829MHz_RB_1_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



FCCID: 2AU4A-BMS100

