

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	23.84	0.50	22.19	<=38.45	Pass
			2	23.89	0.50	22.24	<=38.45	Pass
			5	23.82	0.50	22.17	<=38.45	Pass
		3	0	23.93	0.50	22.28	<=38.45	Pass
			2	23.57	0.50	21.92	<=38.45	Pass
			3	23.40	0.50	21.75	<=38.45	Pass
		6	0	22.49	0.50	20.84	<=38.45	Pass
	836.5	1	0	23.33	0.50	21.68	<=38.45	Pass
			2	23.39	0.50	21.74	<=38.45	Pass
			5	23.35	0.50	21.70	<=38.45	Pass
		3	0	23.48	0.50	21.83	<=38.45	Pass
			2	23.51	0.50	21.86	<=38.45	Pass
			3	23.46	0.50	21.81	<=38.45	Pass
		6	0	22.56	0.50	20.91	<=38.45	Pass
	848.3	1	0	23.81	0.50	22.16	<=38.45	Pass
			2	23.33	0.50	21.68	<=38.45	Pass
			5	23.27	0.50	21.62	<=38.45	Pass
		3	0	23.43	0.50	21.78	<=38.45	Pass
			2	23.43	0.50	21.78	<=38.45	Pass
			3	23.38	0.50	21.73	<=38.45	Pass
		6	0	22.51	0.50	20.86	<=38.45	Pass
16QAM	824.7	1	0	22.45	0.50	20.80	<=38.45	Pass
			2	22.49	0.50	20.84	<=38.45	Pass
			5	22.39	0.50	20.74	<=38.45	Pass
		3	0	22.34	0.50	20.69	<=38.45	Pass
			2	22.36	0.50	20.71	<=38.45	Pass
			3	22.37	0.50	20.72	<=38.45	Pass
		6	0	21.50	0.50	19.85	<=38.45	Pass
	836.5	1	0	22.37	0.50	20.72	<=38.45	Pass
			2	22.40	0.50	20.75	<=38.45	Pass
			5	22.32	0.50	20.67	<=38.45	Pass
		3	0	22.65	0.50	21.00	<=38.45	Pass
			2	22.69	0.50	21.04	<=38.45	Pass
			3	22.67	0.50	21.02	<=38.45	Pass
		6	0	21.59	0.50	19.94	<=38.45	Pass
	848.3	1	0	22.28	0.50	20.63	<=38.45	Pass
			2	22.35	0.50	20.70	<=38.45	Pass
			5	22.27	0.50	20.62	<=38.45	Pass
		3	0	22.57	0.50	20.92	<=38.45	Pass
			2	22.61	0.50	20.96	<=38.45	Pass
			3	22.60	0.50	20.95	<=38.45	Pass
		6	0	21.53	0.50	19.88	<=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	23.43	0.50	21.78	<=38.45	Pass
			7	23.30	0.50	21.65	<=38.45	Pass
			14	23.21	0.50	21.56	<=38.45	Pass
		8	0	22.39	0.50	20.74	<=38.45	Pass
			4	22.43	0.50	20.78	<=38.45	Pass
			7	22.36	0.50	20.71	<=38.45	Pass
		15	0	22.37	0.50	20.72	<=38.45	Pass
	836.5	1	0	23.24	0.50	21.59	<=38.45	Pass
			7	23.39	0.50	21.74	<=38.45	Pass
			14	23.23	0.50	21.58	<=38.45	Pass
		8	0	22.47	0.50	20.82	<=38.45	Pass
			4	22.52	0.50	20.87	<=38.45	Pass
			7	22.43	0.50	20.78	<=38.45	Pass
		15	0	22.39	0.50	20.74	<=38.45	Pass
	847.5	1	0	23.20	0.50	21.55	<=38.45	Pass
			7	23.34	0.50	21.69	<=38.45	Pass
			14	23.19	0.50	21.54	<=38.45	Pass
		8	0	22.46	0.50	20.81	<=38.45	Pass
			4	22.45	0.50	20.80	<=38.45	Pass
			7	22.41	0.50	20.76	<=38.45	Pass
		15	0	22.38	0.50	20.73	<=38.45	Pass
16QAM	825.5	1	0	22.70	0.50	21.05	<=38.45	Pass
			7	22.79	0.50	21.14	<=38.45	Pass
			14	22.63	0.50	20.98	<=38.45	Pass
		8	0	21.51	0.50	19.86	<=38.45	Pass
			4	21.58	0.50	19.93	<=38.45	Pass
			7	21.50	0.50	19.85	<=38.45	Pass
		15	0	21.40	0.50	19.75	<=38.45	Pass
	836.5	1	0	22.29	0.50	20.64	<=38.45	Pass
			7	22.41	0.50	20.76	<=38.45	Pass
			14	22.27	0.50	20.62	<=38.45	Pass
		8	0	21.50	0.50	19.85	<=38.45	Pass
			4	21.57	0.50	19.92	<=38.45	Pass
			7	21.47	0.50	19.82	<=38.45	Pass
		15	0	21.45	0.50	19.80	<=38.45	Pass
	847.5	1	0	22.34	0.50	20.69	<=38.45	Pass
			7	22.50	0.50	20.85	<=38.45	Pass
			14	22.33	0.50	20.68	<=38.45	Pass
		8	0	21.40	0.50	19.75	<=38.45	Pass
			4	21.43	0.50	19.78	<=38.45	Pass
			7	21.41	0.50	19.76	<=38.45	Pass
		15	0	21.36	0.50	19.71	<=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	RB Allocation	Conducted Power	Gain	ERP (dBm)	Verdict

	(MHz)	Size	Offset	(dBm)	(dBi)	Result	Limit			
QPSK	826.5	1	0	23.41	0.50	21.76	<=38.45	Pass		
			13	23.53	0.50	21.88	<=38.45	Pass		
			24	23.41	0.50	21.76	<=38.45	Pass		
		12	0	22.43	0.50	20.78	<=38.45	Pass		
			6	22.47	0.50	20.82	<=38.45	Pass		
			13	22.38	0.50	20.73	<=38.45	Pass		
		25	0	22.40	0.50	20.75	<=38.45	Pass		
		836.5	1	0	23.49	0.50	21.84	<=38.45	Pass	
				13	23.66	0.50	22.01	<=38.45	Pass	
	24			23.50	0.50	21.85	<=38.45	Pass		
	12		0	22.39	0.50	20.74	<=38.45	Pass		
			6	22.53	0.50	20.88	<=38.45	Pass		
			13	22.56	0.50	20.91	<=38.45	Pass		
	25		0	22.52	0.50	20.87	<=38.45	Pass		
	846.5		1	0	23.45	0.50	21.80	<=38.45	Pass	
				13	23.63	0.50	21.98	<=38.45	Pass	
		24		23.46	0.50	21.81	<=38.45	Pass		
		12	0	22.46	0.50	20.81	<=38.45	Pass		
			6	22.53	0.50	20.88	<=38.45	Pass		
			13	22.55	0.50	20.90	<=38.45	Pass		
		25	0	22.51	0.50	20.86	<=38.45	Pass		
		16QAM	826.5	1	0	22.67	0.50	21.02	<=38.45	Pass
					13	22.73	0.50	21.08	<=38.45	Pass
	24				22.64	0.50	20.99	<=38.45	Pass	
12	0			21.47	0.50	19.82	<=38.45	Pass		
	6			21.49	0.50	19.84	<=38.45	Pass		
	13			21.37	0.50	19.72	<=38.45	Pass		
25	0			21.44	0.50	19.79	<=38.45	Pass		
836.5	1			0	22.31	0.50	20.66	<=38.45	Pass	
				13	22.47	0.50	20.82	<=38.45	Pass	
			24	22.38	0.50	20.73	<=38.45	Pass		
	12		0	21.39	0.50	19.74	<=38.45	Pass		
			6	21.52	0.50	19.87	<=38.45	Pass		
			13	21.51	0.50	19.86	<=38.45	Pass		
	25		0	21.51	0.50	19.86	<=38.45	Pass		
	846.5		1	0	22.54	0.50	20.89	<=38.45	Pass	
				13	22.64	0.50	20.99	<=38.45	Pass	
24				22.53	0.50	20.88	<=38.45	Pass		
12			0	21.41	0.50	19.76	<=38.45	Pass		
			6	21.48	0.50	19.83	<=38.45	Pass		
			13	21.50	0.50	19.85	<=38.45	Pass		
25			0	21.57	0.50	19.92	<=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 / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	829	1	0	23.44	0.50	21.79	<=38.45	Pass
			25	23.50	0.50	21.85	<=38.45	Pass
			49	23.52	0.50	21.87	<=38.45	Pass
		25	0	22.45	0.50	20.80	<=38.45	Pass

	836.5	50	13	22.44	0.50	20.79	<=38.45	Pass		
			25	22.44	0.50	20.79	<=38.45	Pass		
			0	22.48	0.50	20.83	<=38.45	Pass		
		1	0	23.53	0.50	21.88	<=38.45	Pass		
			25	23.64	0.50	21.99	<=38.45	Pass		
			49	23.53	0.50	21.88	<=38.45	Pass		
			25	0	22.35	0.50	20.70	<=38.45	Pass	
				13	22.57	0.50	20.92	<=38.45	Pass	
				25	22.51	0.50	20.86	<=38.45	Pass	
	50	0	22.49	0.50	20.84	<=38.45	Pass			
	844	1	0	23.50	0.50	21.85	<=38.45	Pass		
			25	23.55	0.50	21.90	<=38.45	Pass		
			49	23.55	0.50	21.90	<=38.45	Pass		
		25	0	22.63	0.50	20.98	<=38.45	Pass		
			13	22.57	0.50	20.92	<=38.45	Pass		
			25	22.54	0.50	20.89	<=38.45	Pass		
		50	0	22.57	0.50	20.92	<=38.45	Pass		
		16QAM	829	1	0	22.91	0.50	21.26	<=38.45	Pass
					25	22.98	0.50	21.33	<=38.45	Pass
	49				23.01	0.50	21.36	<=38.45	Pass	
	25			0	21.48	0.50	19.83	<=38.45	Pass	
13				21.51	0.50	19.86	<=38.45	Pass		
25				21.52	0.50	19.87	<=38.45	Pass		
50	0		21.46	0.50	19.81	<=38.45	Pass			
836.5	1		0	22.52	0.50	20.87	<=38.45	Pass		
			25	22.62	0.50	20.97	<=38.45	Pass		
			49	22.54	0.50	20.89	<=38.45	Pass		
	25	0	21.45	0.50	19.80	<=38.45	Pass			
13		21.66	0.50	20.01	<=38.45	Pass				
25		21.63	0.50	19.98	<=38.45	Pass				
50	0	21.49	0.50	19.84	<=38.45	Pass				
844	1	0	22.68	0.50	21.03	<=38.45	Pass			
		25	22.72	0.50	21.07	<=38.45	Pass			
		49	22.66	0.50	21.01	<=38.45	Pass			
	25	0	21.66	0.50	20.01	<=38.45	Pass			
		13	21.57	0.50	19.92	<=38.45	Pass			
		25	21.56	0.50	19.91	<=38.45	Pass			
	50	0	21.55	0.50	19.90	<=38.45	Pass			
Note1: ERP=Conducted Power+Antenna Gain-2.15										

Note1: ERP=Conducted Power+Antenna Gain-2.15

2. Frequency Stability

2.1 B5_1.4MHz

2.1.1 Test Result

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	3.819	0.0046	-2.5 to 2.5	Pass
					3.85	-4.034	-0.0049	-2.5 to 2.5	Pass
					4.43	-6.909	-0.0084	-2.5 to 2.5	Pass
				-30	3.85	0.486	0.0006	-2.5 to 2.5	Pass
				-20	3.85	-7.224	-0.0088	-2.5 to 2.5	Pass
				-10	3.85	3.219	0.0039	-2.5 to 2.5	Pass

				0	3.85	-5.164	-0.0063	-2.5 to 2.5	Pass
				10	3.85	-5.450	-0.0066	-2.5 to 2.5	Pass
				30	3.85	-6.995	-0.0085	-2.5 to 2.5	Pass
				40	3.85	5.279	0.0064	-2.5 to 2.5	Pass
				50	3.85	-6.909	-0.0084	-2.5 to 2.5	Pass
	836.5	6	0	20	3.27	-2.689	-0.0032	-2.5 to 2.5	Pass
					3.85	1.602	0.0019	-2.5 to 2.5	Pass
					4.43	-8.183	-0.0098	-2.5 to 2.5	Pass
				-30	3.85	-7.381	-0.0088	-2.5 to 2.5	Pass
				-20	3.85	-3.591	-0.0043	-2.5 to 2.5	Pass
				-10	3.85	-2.317	-0.0028	-2.5 to 2.5	Pass
				0	3.85	6.580	0.0079	-2.5 to 2.5	Pass
				10	3.85	-6.452	-0.0077	-2.5 to 2.5	Pass
				30	3.85	-2.303	-0.0028	-2.5 to 2.5	Pass
				40	3.85	-1.116	-0.0013	-2.5 to 2.5	Pass
				50	3.85	4.921	0.0059	-2.5 to 2.5	Pass
	848.3	6	0	20	3.27	-3.176	-0.0037	-2.5 to 2.5	Pass
					3.85	4.735	0.0056	-2.5 to 2.5	Pass
					4.43	-0.658	-0.0008	-2.5 to 2.5	Pass
				-30	3.85	-7.381	-0.0087	-2.5 to 2.5	Pass
				-20	3.85	-9.084	-0.0107	-2.5 to 2.5	Pass
				-10	3.85	2.918	0.0034	-2.5 to 2.5	Pass
				0	3.85	0.186	0.0002	-2.5 to 2.5	Pass
				10	3.85	1.659	0.0020	-2.5 to 2.5	Pass
				30	3.85	-3.877	-0.0046	-2.5 to 2.5	Pass
				40	3.85	-8.926	-0.0105	-2.5 to 2.5	Pass
				50	3.85	-3.648	-0.0043	-2.5 to 2.5	Pass
16QAM	824.7	6	0	20	3.27	2.432	0.0029	-2.5 to 2.5	Pass
					3.85	-1.459	-0.0018	-2.5 to 2.5	Pass
					4.43	-7.424	-0.0090	-2.5 to 2.5	Pass
				-30	3.85	-1.745	-0.0021	-2.5 to 2.5	Pass
				-20	3.85	-0.944	-0.0011	-2.5 to 2.5	Pass
				-10	3.85	-6.108	-0.0074	-2.5 to 2.5	Pass
				0	3.85	-2.046	-0.0025	-2.5 to 2.5	Pass
				10	3.85	-1.559	-0.0019	-2.5 to 2.5	Pass
				30	3.85	-2.460	-0.0030	-2.5 to 2.5	Pass
				40	3.85	-0.973	-0.0012	-2.5 to 2.5	Pass
				50	3.85	-3.061	-0.0037	-2.5 to 2.5	Pass
	836.5	6	0	20	3.27	4.148	0.0050	-2.5 to 2.5	Pass
					3.85	-0.916	-0.0011	-2.5 to 2.5	Pass
					4.43	-3.147	-0.0038	-2.5 to 2.5	Pass
				-30	3.85	-1.273	-0.0015	-2.5 to 2.5	Pass
				-20	3.85	3.190	0.0038	-2.5 to 2.5	Pass
				-10	3.85	-6.065	-0.0073	-2.5 to 2.5	Pass
				0	3.85	-5.951	-0.0071	-2.5 to 2.5	Pass
				10	3.85	-1.917	-0.0023	-2.5 to 2.5	Pass
				30	3.85	-11.573	-0.0138	-2.5 to 2.5	Pass
				40	3.85	-1.230	-0.0015	-2.5 to 2.5	Pass
				50	3.85	-2.418	-0.0029	-2.5 to 2.5	Pass
	848.3	6	0	20	3.27	0.687	0.0008	-2.5 to 2.5	Pass
					3.85	-9.384	-0.0111	-2.5 to 2.5	Pass
					4.43	-7.768	-0.0092	-2.5 to 2.5	Pass
				-30	3.85	-9.899	-0.0117	-2.5 to 2.5	Pass
				-20	3.85	-0.200	-0.0002	-2.5 to 2.5	Pass
				-10	3.85	4.864	0.0057	-2.5 to 2.5	Pass
				0	3.85	0.372	0.0004	-2.5 to 2.5	Pass
				10	3.85	4.892	0.0058	-2.5 to 2.5	Pass
				30	3.85	-2.947	-0.0035	-2.5 to 2.5	Pass

				40	3.85	1.960	0.0023	-2.5 to 2.5	Pass
				50	3.85	-7.267	-0.0086	-2.5 to 2.5	Pass

2.2 B5_3MHz

2.2.1 Test Result

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	0.100	0.0001	-2.5 to 2.5	Pass
					3.85	3.548	0.0043	-2.5 to 2.5	Pass
					4.43	-0.887	-0.0011	-2.5 to 2.5	Pass
				-30	3.85	-5.293	-0.0064	-2.5 to 2.5	Pass
				-20	3.85	-8.426	-0.0102	-2.5 to 2.5	Pass
				-10	3.85	-4.435	-0.0054	-2.5 to 2.5	Pass
				0	3.85	-0.257	-0.0003	-2.5 to 2.5	Pass
				10	3.85	-3.676	-0.0045	-2.5 to 2.5	Pass
				30	3.85	-8.125	-0.0098	-2.5 to 2.5	Pass
				40	3.85	-4.363	-0.0053	-2.5 to 2.5	Pass
				50	3.85	0.072	0.0001	-2.5 to 2.5	Pass
	836.5	15	0	20	3.27	-2.489	-0.0030	-2.5 to 2.5	Pass
					3.85	-7.253	-0.0087	-2.5 to 2.5	Pass
					4.43	-2.789	-0.0033	-2.5 to 2.5	Pass
				-30	3.85	6.495	0.0078	-2.5 to 2.5	Pass
				-20	3.85	1.373	0.0016	-2.5 to 2.5	Pass
				-10	3.85	-2.074	-0.0025	-2.5 to 2.5	Pass
				0	3.85	-6.008	-0.0072	-2.5 to 2.5	Pass
				10	3.85	-9.570	-0.0114	-2.5 to 2.5	Pass
				30	3.85	-1.044	-0.0012	-2.5 to 2.5	Pass
				40	3.85	-1.817	-0.0022	-2.5 to 2.5	Pass
				50	3.85	0.429	0.0005	-2.5 to 2.5	Pass
	847.5	15	0	20	3.27	-2.861	-0.0034	-2.5 to 2.5	Pass
					3.85	-1.116	-0.0013	-2.5 to 2.5	Pass
					4.43	5.450	0.0064	-2.5 to 2.5	Pass
				-30	3.85	0.701	0.0008	-2.5 to 2.5	Pass
				-20	3.85	-1.531	-0.0018	-2.5 to 2.5	Pass
				-10	3.85	0.358	0.0004	-2.5 to 2.5	Pass
				0	3.85	4.821	0.0057	-2.5 to 2.5	Pass
				10	3.85	-5.536	-0.0065	-2.5 to 2.5	Pass
				30	3.85	0.529	0.0006	-2.5 to 2.5	Pass
				40	3.85	-8.154	-0.0096	-2.5 to 2.5	Pass
16QAM	825.5	15	0	20	3.27	-5.693	-0.0069	-2.5 to 2.5	Pass
					3.85	-7.081	-0.0086	-2.5 to 2.5	Pass
					4.43	4.992	0.0060	-2.5 to 2.5	Pass
				-30	3.85	-1.931	-0.0023	-2.5 to 2.5	Pass
				-20	3.85	6.866	0.0083	-2.5 to 2.5	Pass
				-10	3.85	-4.134	-0.0050	-2.5 to 2.5	Pass
				0	3.85	-3.548	-0.0043	-2.5 to 2.5	Pass
				10	3.85	0.343	0.0004	-2.5 to 2.5	Pass
				30	3.85	-2.747	-0.0033	-2.5 to 2.5	Pass
				40	3.85	1.945	0.0024	-2.5 to 2.5	Pass
				50	3.85	1.602	0.0019	-2.5 to 2.5	Pass
	836.5	15	0	20	3.27	3.619	0.0043	-2.5 to 2.5	Pass
					3.85	2.832	0.0034	-2.5 to 2.5	Pass

					4.43	4.091	0.0049	-2.5 to 2.5	Pass
				-30	3.85	-5.465	-0.0065	-2.5 to 2.5	Pass
				-20	3.85	-4.535	-0.0054	-2.5 to 2.5	Pass
				-10	3.85	-3.119	-0.0037	-2.5 to 2.5	Pass
				0	3.85	1.359	0.0016	-2.5 to 2.5	Pass
				10	3.85	-4.148	-0.0050	-2.5 to 2.5	Pass
				30	3.85	-7.739	-0.0093	-2.5 to 2.5	Pass
				40	3.85	-4.520	-0.0054	-2.5 to 2.5	Pass
				50	3.85	-2.990	-0.0036	-2.5 to 2.5	Pass
	847.5	15	0	20	3.27	6.266	0.0074	-2.5 to 2.5	Pass
					3.85	-2.904	-0.0034	-2.5 to 2.5	Pass
					4.43	6.580	0.0078	-2.5 to 2.5	Pass
				-30	3.85	-3.319	-0.0039	-2.5 to 2.5	Pass
				-20	3.85	-6.795	-0.0080	-2.5 to 2.5	Pass
				-10	3.85	1.202	0.0014	-2.5 to 2.5	Pass
				0	3.85	-4.764	-0.0056	-2.5 to 2.5	Pass
				10	3.85	-4.578	-0.0054	-2.5 to 2.5	Pass
				30	3.85	2.375	0.0028	-2.5 to 2.5	Pass
				40	3.85	0.229	0.0003	-2.5 to 2.5	Pass
				50	3.85	-5.236	-0.0062	-2.5 to 2.5	Pass

2.3 B5_5MHz

2.3.1 Test Result

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	-1.731	-0.0021	-2.5 to 2.5	Pass
					3.85	1.388	0.0017	-2.5 to 2.5	Pass
					4.43	-4.964	-0.0060	-2.5 to 2.5	Pass
				-30	3.85	-4.835	-0.0058	-2.5 to 2.5	Pass
				-20	3.85	3.848	0.0047	-2.5 to 2.5	Pass
				-10	3.85	-3.061	-0.0037	-2.5 to 2.5	Pass
				0	3.85	-3.734	-0.0045	-2.5 to 2.5	Pass
				10	3.85	-0.329	-0.0004	-2.5 to 2.5	Pass
				30	3.85	-4.277	-0.0052	-2.5 to 2.5	Pass
				40	3.85	-0.601	-0.0007	-2.5 to 2.5	Pass
				50	3.85	-1.273	-0.0015	-2.5 to 2.5	Pass
	836.5	25	0	20	3.27	-5.050	-0.0060	-2.5 to 2.5	Pass
					3.85	0.372	0.0004	-2.5 to 2.5	Pass
					4.43	-5.078	-0.0061	-2.5 to 2.5	Pass
				-30	3.85	-6.394	-0.0076	-2.5 to 2.5	Pass
				-20	3.85	-5.693	-0.0068	-2.5 to 2.5	Pass
				-10	3.85	-5.293	-0.0063	-2.5 to 2.5	Pass
				0	3.85	-1.159	-0.0014	-2.5 to 2.5	Pass
				10	3.85	-3.190	-0.0038	-2.5 to 2.5	Pass
				30	3.85	-0.730	-0.0009	-2.5 to 2.5	Pass
				40	3.85	-5.894	-0.0070	-2.5 to 2.5	Pass
				50	3.85	-4.492	-0.0054	-2.5 to 2.5	Pass
	846.5	25	0	20	3.27	-5.865	-0.0069	-2.5 to 2.5	Pass
					3.85	-3.762	-0.0044	-2.5 to 2.5	Pass
					4.43	-2.489	-0.0029	-2.5 to 2.5	Pass
				-30	3.85	-5.865	-0.0069	-2.5 to 2.5	Pass
				-20	3.85	-1.087	-0.0013	-2.5 to 2.5	Pass
				-10	3.85	-1.616	-0.0019	-2.5 to 2.5	Pass

16QAM				0	3.85	-2.174	-0.0026	-2.5 to 2.5	Pass
				10	3.85	-0.858	-0.0010	-2.5 to 2.5	Pass
				30	3.85	-3.319	-0.0039	-2.5 to 2.5	Pass
				40	3.85	-8.612	-0.0102	-2.5 to 2.5	Pass
				50	3.85	-1.516	-0.0018	-2.5 to 2.5	Pass
	826.5	25	0	20	3.27	-2.618	-0.0032	-2.5 to 2.5	Pass
					3.85	0.501	0.0006	-2.5 to 2.5	Pass
					4.43	-2.518	-0.0030	-2.5 to 2.5	Pass
				-30	3.85	-3.347	-0.0040	-2.5 to 2.5	Pass
				-20	3.85	-0.315	-0.0004	-2.5 to 2.5	Pass
				-10	3.85	0.086	0.0001	-2.5 to 2.5	Pass
				0	3.85	-7.353	-0.0089	-2.5 to 2.5	Pass
				10	3.85	-2.990	-0.0036	-2.5 to 2.5	Pass
				30	3.85	-3.233	-0.0039	-2.5 to 2.5	Pass
				40	3.85	0.343	0.0004	-2.5 to 2.5	Pass
				50	3.85	0.973	0.0012	-2.5 to 2.5	Pass
	836.5	25	0	20	3.27	-6.423	-0.0077	-2.5 to 2.5	Pass
					3.85	-5.107	-0.0061	-2.5 to 2.5	Pass
					4.43	-6.537	-0.0078	-2.5 to 2.5	Pass
				-30	3.85	2.518	0.0030	-2.5 to 2.5	Pass
				-20	3.85	-1.345	-0.0016	-2.5 to 2.5	Pass
				-10	3.85	1.202	0.0014	-2.5 to 2.5	Pass
				0	3.85	-5.136	-0.0061	-2.5 to 2.5	Pass
				10	3.85	-2.732	-0.0033	-2.5 to 2.5	Pass
				30	3.85	2.117	0.0025	-2.5 to 2.5	Pass
				40	3.85	-5.436	-0.0065	-2.5 to 2.5	Pass
				50	3.85	-5.951	-0.0071	-2.5 to 2.5	Pass
	846.5	25	0	20	3.27	-2.804	-0.0033	-2.5 to 2.5	Pass
					3.85	-3.462	-0.0041	-2.5 to 2.5	Pass
					4.43	-3.891	-0.0046	-2.5 to 2.5	Pass
				-30	3.85	-8.826	-0.0104	-2.5 to 2.5	Pass
				-20	3.85	-9.327	-0.0110	-2.5 to 2.5	Pass
				-10	3.85	-8.154	-0.0096	-2.5 to 2.5	Pass
				0	3.85	2.418	0.0029	-2.5 to 2.5	Pass
				10	3.85	-0.143	-0.0002	-2.5 to 2.5	Pass
				30	3.85	-9.685	-0.0114	-2.5 to 2.5	Pass
				40	3.85	-2.246	-0.0027	-2.5 to 2.5	Pass
				50	3.85	-5.078	-0.0060	-2.5 to 2.5	Pass

2.4 B5_10MHz

2.4.1 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	3.27	-2.160	-0.0026	-2.5 to 2.5	Pass
					3.85	-1.302	-0.0016	-2.5 to 2.5	Pass
					4.43	-2.203	-0.0027	-2.5 to 2.5	Pass
				-30	3.85	-3.805	-0.0046	-2.5 to 2.5	Pass
				-20	3.85	-1.960	-0.0024	-2.5 to 2.5	Pass
				-10	3.85	-3.848	-0.0046	-2.5 to 2.5	Pass
				0	3.85	-3.233	-0.0039	-2.5 to 2.5	Pass
				10	3.85	-3.805	-0.0046	-2.5 to 2.5	Pass
				30	3.85	-0.687	-0.0008	-2.5 to 2.5	Pass
				40	3.85	-2.518	-0.0030	-2.5 to 2.5	Pass

	836.5	50	0	50	3.85	-1.230	-0.0015	-2.5 to 2.5	Pass
				20	3.27	-0.844	-0.0010	-2.5 to 2.5	Pass
					3.85	-0.172	-0.0002	-2.5 to 2.5	Pass
					4.43	-3.819	-0.0046	-2.5 to 2.5	Pass
				-30	3.85	0.472	0.0006	-2.5 to 2.5	Pass
				-20	3.85	-2.046	-0.0024	-2.5 to 2.5	Pass
				-10	3.85	-0.701	-0.0008	-2.5 to 2.5	Pass
				0	3.85	-0.186	-0.0002	-2.5 to 2.5	Pass
				10	3.85	-0.987	-0.0012	-2.5 to 2.5	Pass
				30	3.85	-3.405	-0.0041	-2.5 to 2.5	Pass
	844	50	0	40	3.85	-4.950	-0.0059	-2.5 to 2.5	Pass
				50	3.85	-0.014	0.0000	-2.5 to 2.5	Pass
				20	3.27	-4.821	-0.0057	-2.5 to 2.5	Pass
					3.85	-1.402	-0.0017	-2.5 to 2.5	Pass
					4.43	-3.505	-0.0042	-2.5 to 2.5	Pass
				-30	3.85	-4.821	-0.0057	-2.5 to 2.5	Pass
				-20	3.85	-3.104	-0.0037	-2.5 to 2.5	Pass
				-10	3.85	-1.531	-0.0018	-2.5 to 2.5	Pass
				0	3.85	-1.445	-0.0017	-2.5 to 2.5	Pass
				10	3.85	-5.078	-0.0060	-2.5 to 2.5	Pass
16QAM	829	50	0	30	3.85	0.916	0.0011	-2.5 to 2.5	Pass
				40	3.85	-1.287	-0.0015	-2.5 to 2.5	Pass
				50	3.85	-3.834	-0.0045	-2.5 to 2.5	Pass
				20	3.27	-3.104	-0.0037	-2.5 to 2.5	Pass
					3.85	-2.818	-0.0034	-2.5 to 2.5	Pass
					4.43	-3.190	-0.0038	-2.5 to 2.5	Pass
				-30	3.85	1.431	0.0017	-2.5 to 2.5	Pass
				-20	3.85	-1.888	-0.0023	-2.5 to 2.5	Pass
				-10	3.85	-3.562	-0.0043	-2.5 to 2.5	Pass
				0	3.85	0.172	0.0002	-2.5 to 2.5	Pass
	836.5	50	0	10	3.85	-1.788	-0.0022	-2.5 to 2.5	Pass
				30	3.85	-1.845	-0.0022	-2.5 to 2.5	Pass
				40	3.85	-3.204	-0.0039	-2.5 to 2.5	Pass
				50	3.85	-3.319	-0.0040	-2.5 to 2.5	Pass
				20	3.27	-1.931	-0.0023	-2.5 to 2.5	Pass
					3.85	-1.845	-0.0022	-2.5 to 2.5	Pass
					4.43	-2.561	-0.0031	-2.5 to 2.5	Pass
				-30	3.85	-0.401	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	-2.832	-0.0034	-2.5 to 2.5	Pass
				-10	3.85	-3.934	-0.0047	-2.5 to 2.5	Pass
	844	50	0	0	3.85	-1.130	-0.0014	-2.5 to 2.5	Pass
				10	3.85	-1.831	-0.0022	-2.5 to 2.5	Pass
				30	3.85	-2.203	-0.0026	-2.5 to 2.5	Pass
				40	3.85	-2.460	-0.0029	-2.5 to 2.5	Pass
				50	3.85	-2.618	-0.0031	-2.5 to 2.5	Pass
				20	3.27	-1.616	-0.0019	-2.5 to 2.5	Pass
					3.85	-4.749	-0.0056	-2.5 to 2.5	Pass
					4.43	-3.319	-0.0039	-2.5 to 2.5	Pass
				-30	3.85	-2.060	-0.0024	-2.5 to 2.5	Pass
				-20	3.85	-3.090	-0.0037	-2.5 to 2.5	Pass
				-10	3.85	-2.632	-0.0031	-2.5 to 2.5	Pass
				0	3.85	-4.191	-0.0050	-2.5 to 2.5	Pass
				10	3.85	-6.108	-0.0072	-2.5 to 2.5	Pass
				30	3.85	-1.273	-0.0015	-2.5 to 2.5	Pass
				40	3.85	0.229	0.0003	-2.5 to 2.5	Pass
				50	3.85	-4.849	-0.0057	-2.5 to 2.5	Pass

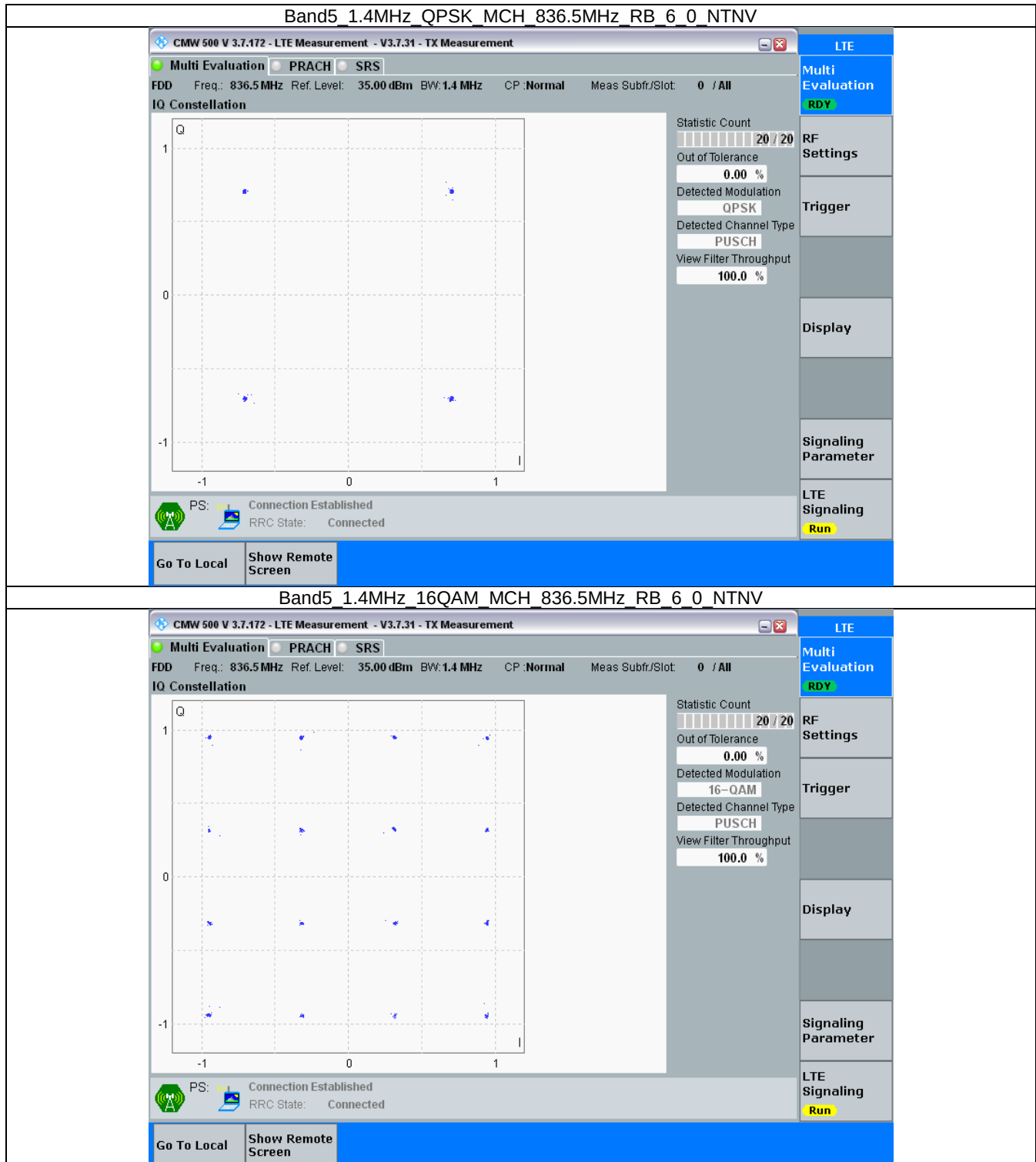
3. Modulation Characteristics

3.1 B5_1.4MHz

3.1.1 Test Result

Band: 5 / Bandwidth: 1.4MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		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 Test Graph

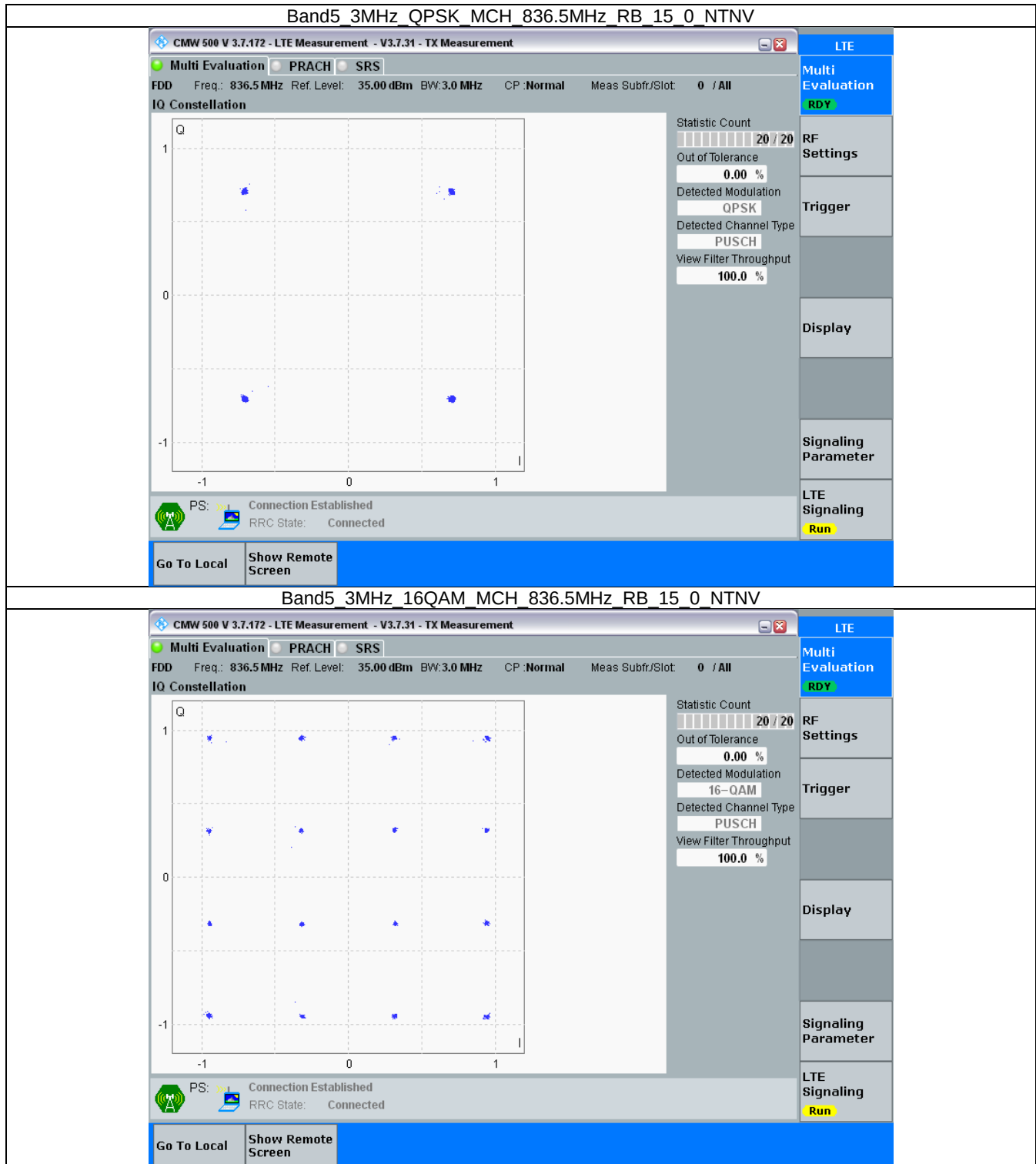


3.2 B5_3MHz

3.2.1 Test Result

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

3.2.2 Test Graph

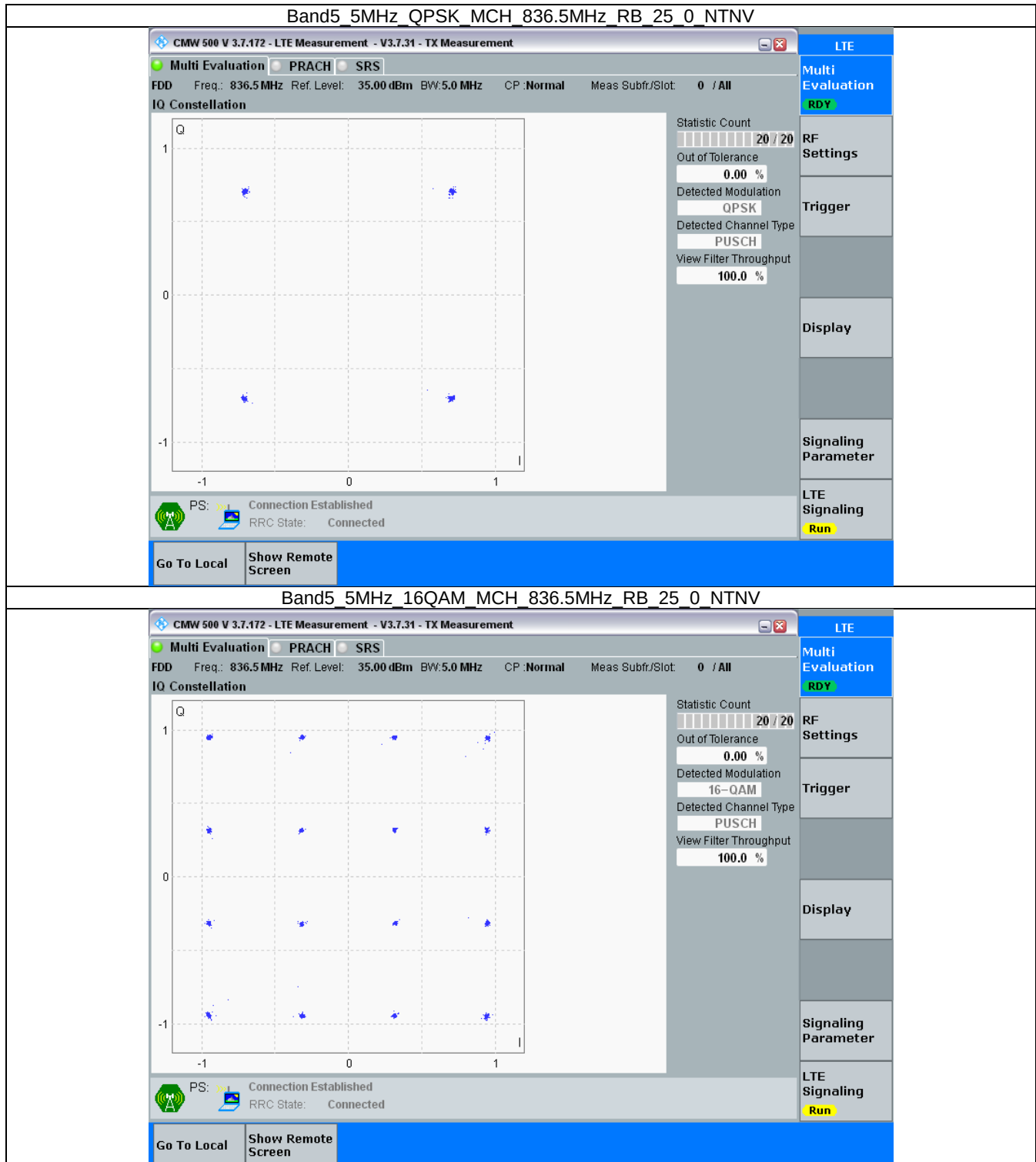


3.3 B5_5MHz

3.3.1 Test Result

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

3.3.2 Test Graph

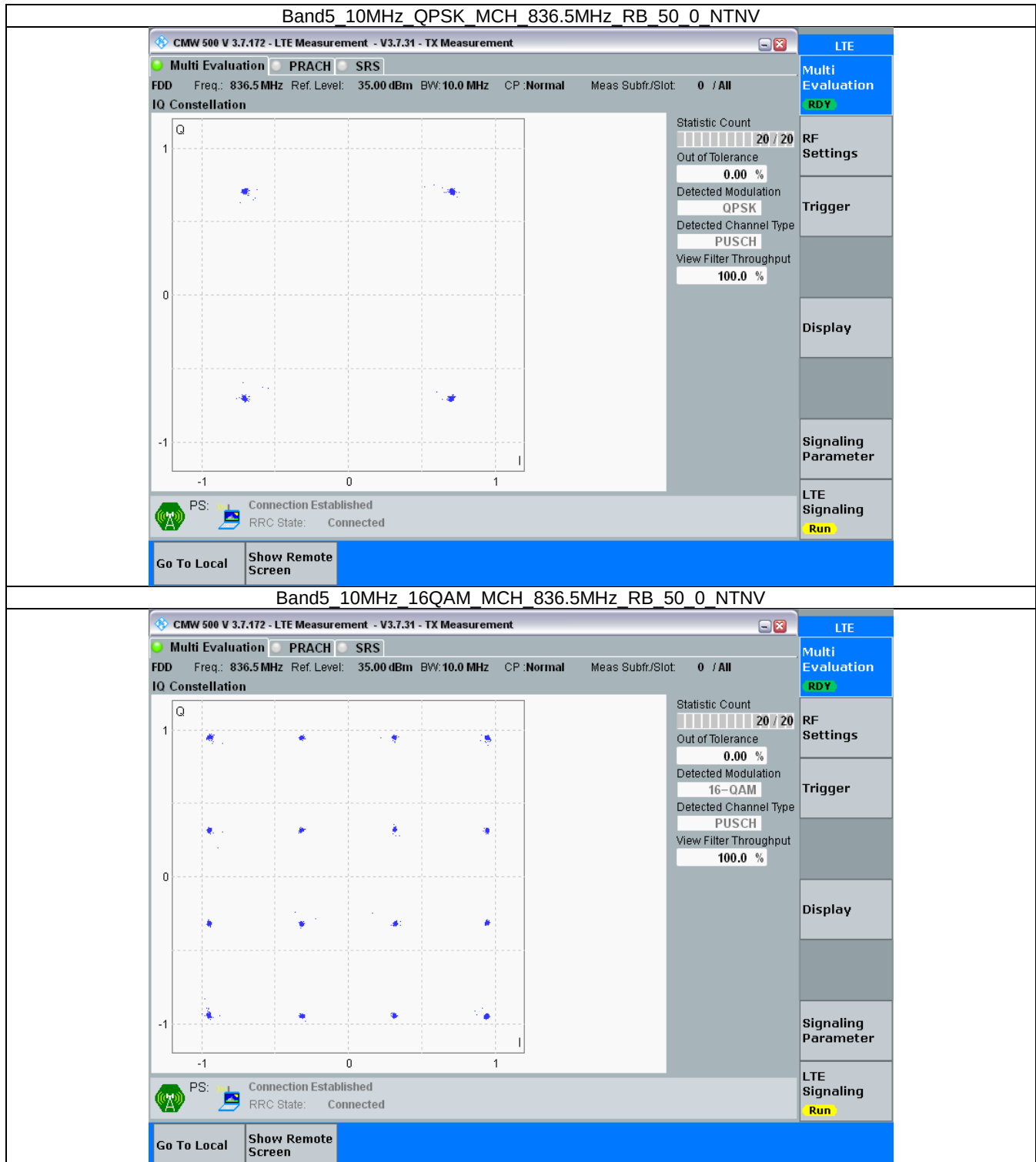


3.4 B5_10MHz

3.4.1 Test Result

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

3.4.2 Test Graph



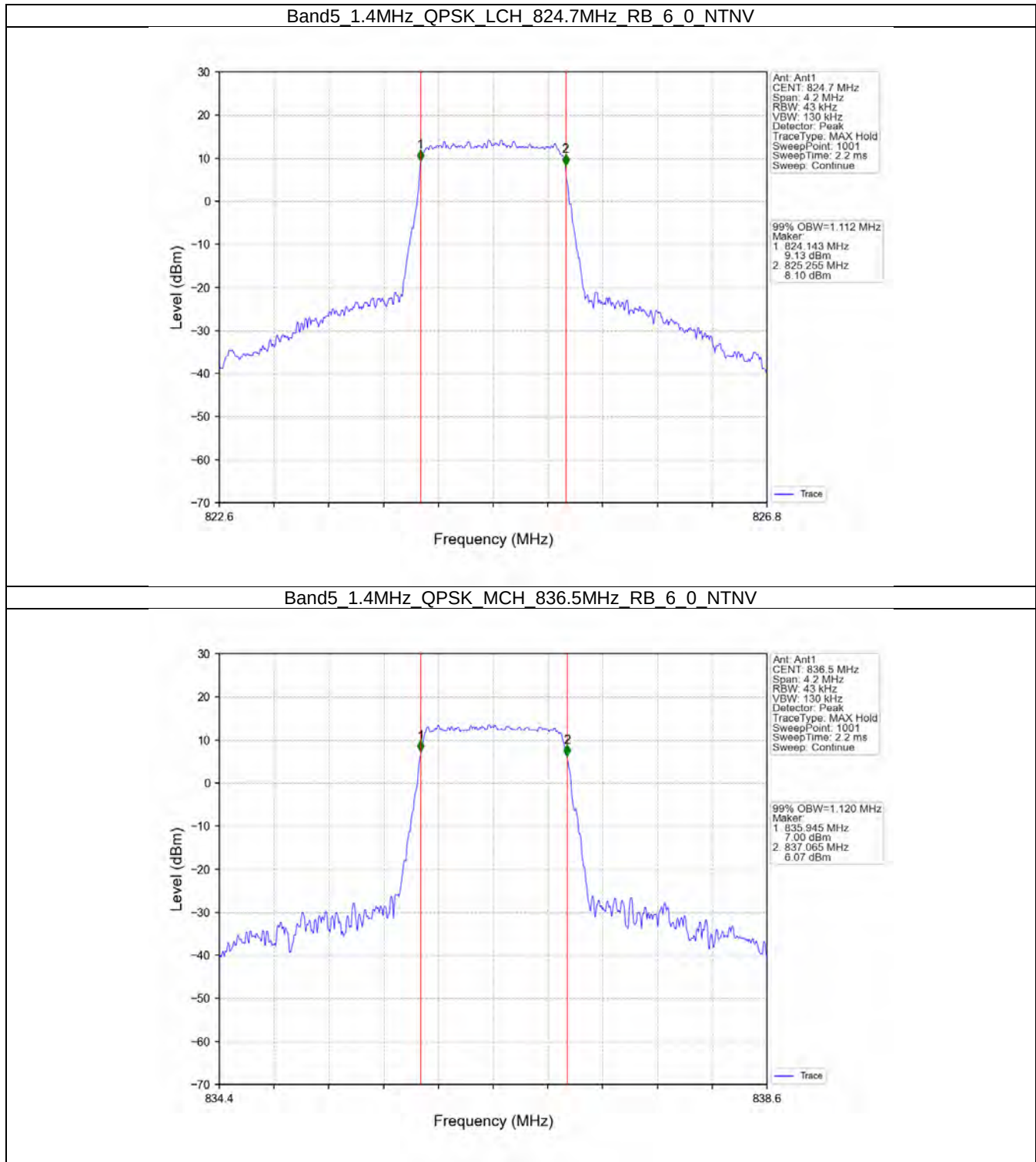
4. 99% & 26dB Bandwidth

4.1 Band5_OBW

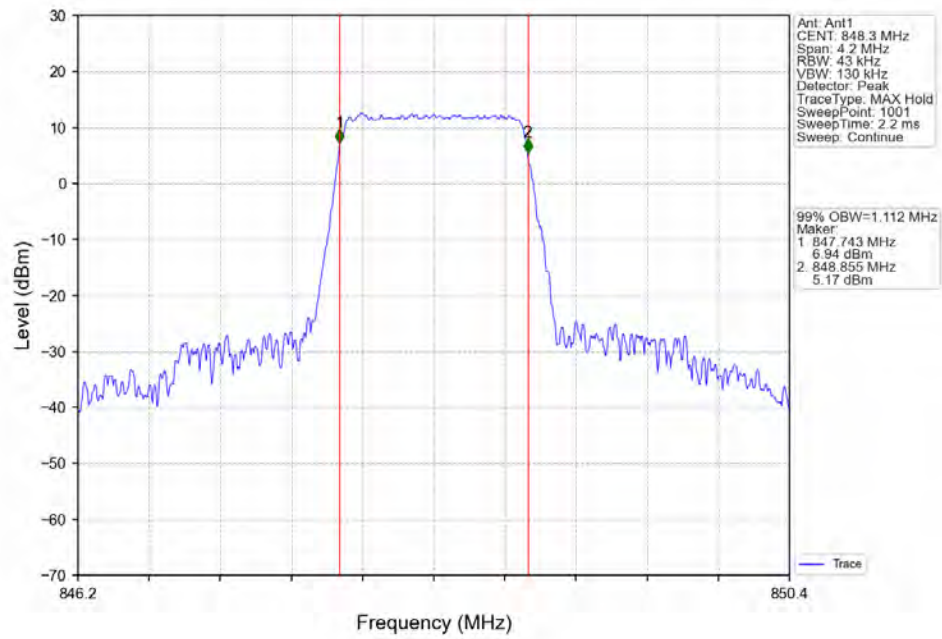
4.1.1 Test Result

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	1.112	/	Pass
		836.5	6	0	1.120	/	Pass
		848.3	6	0	1.112	/	Pass
	16QAM	824.7	6	0	1.113	/	Pass
		836.5	6	0	1.100	/	Pass
		848.3	6	0	1.115	/	Pass
3	QPSK	825.5	15	0	2.731	/	Pass
		836.5	15	0	2.715	/	Pass
		847.5	15	0	2.738	/	Pass
	16QAM	825.5	15	0	2.718	/	Pass
		836.5	15	0	2.708	/	Pass
		847.5	15	0	2.722	/	Pass
5	QPSK	826.5	25	0	4.538	/	Pass
		836.5	25	0	4.561	/	Pass
		846.5	25	0	4.548	/	Pass
	16QAM	826.5	25	0	4.571	/	Pass
		836.5	25	0	4.537	/	Pass
		846.5	25	0	4.568	/	Pass
10	QPSK	829	50	0	9.063	/	Pass
		836.5	50	0	9.030	/	Pass
		844	50	0	9.078	/	Pass
	16QAM	829	50	0	9.052	/	Pass
		836.5	50	0	9.044	/	Pass
		844	50	0	9.036	/	Pass

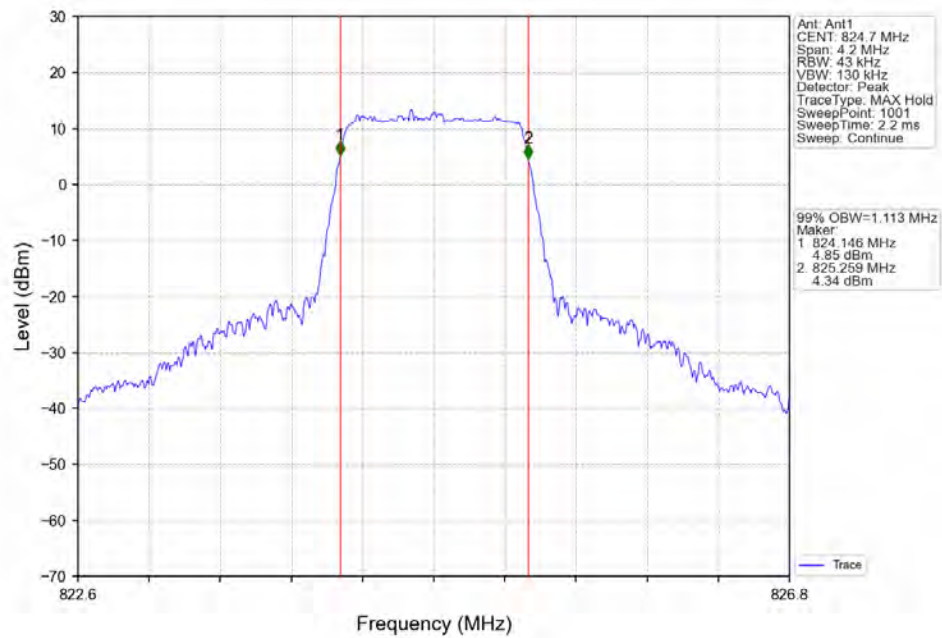
4.1.2 Test Graph



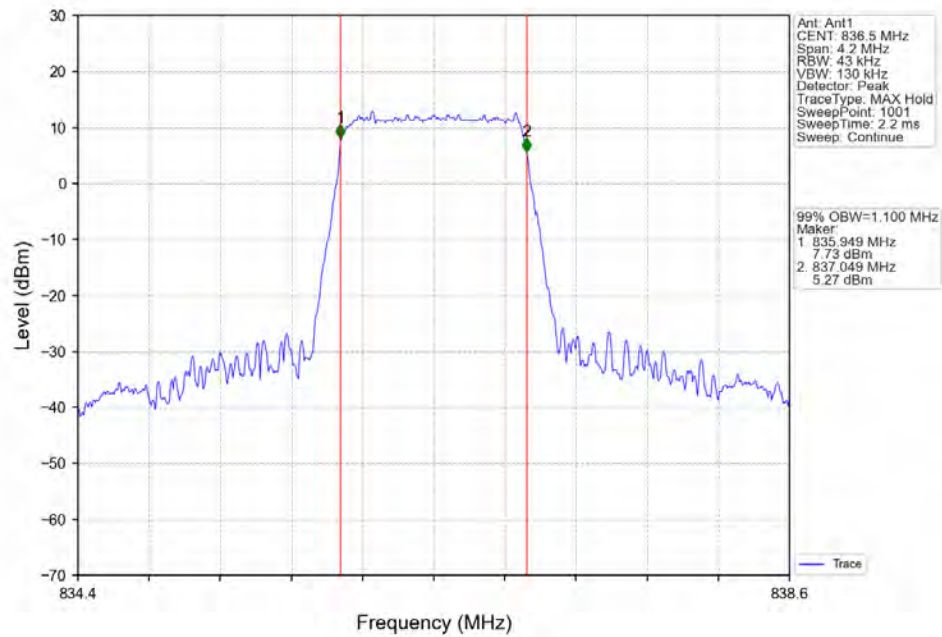
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



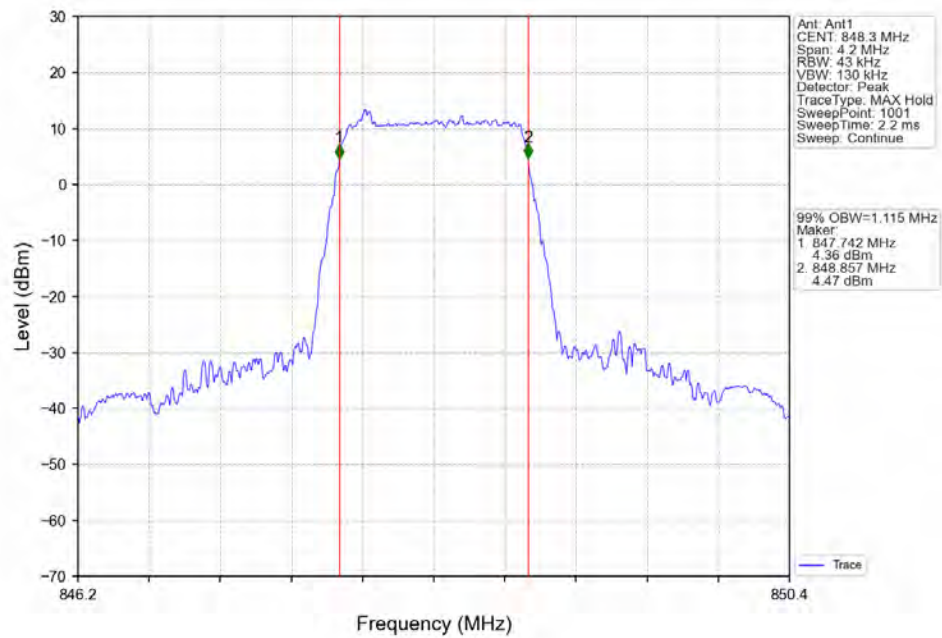
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



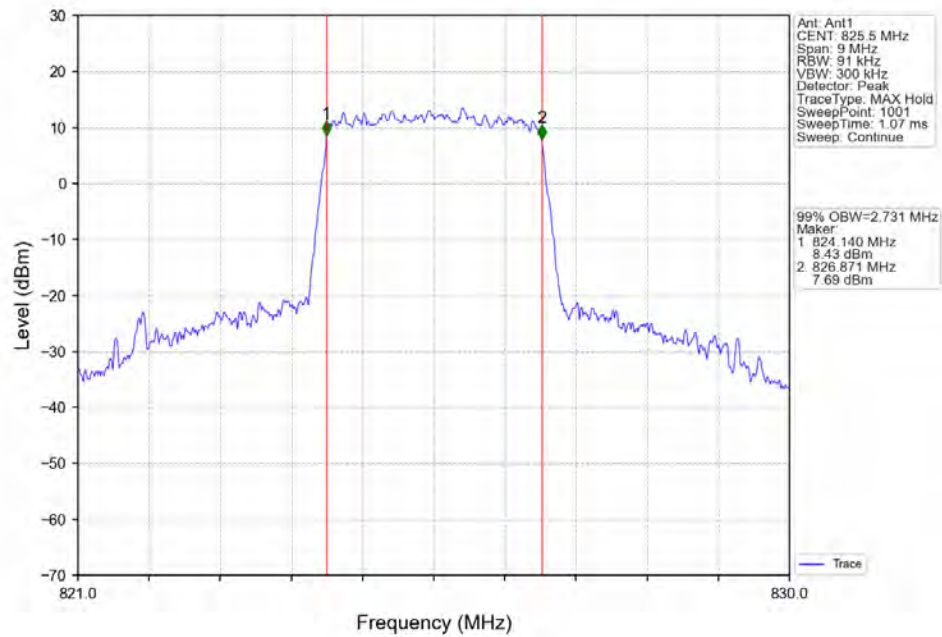
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



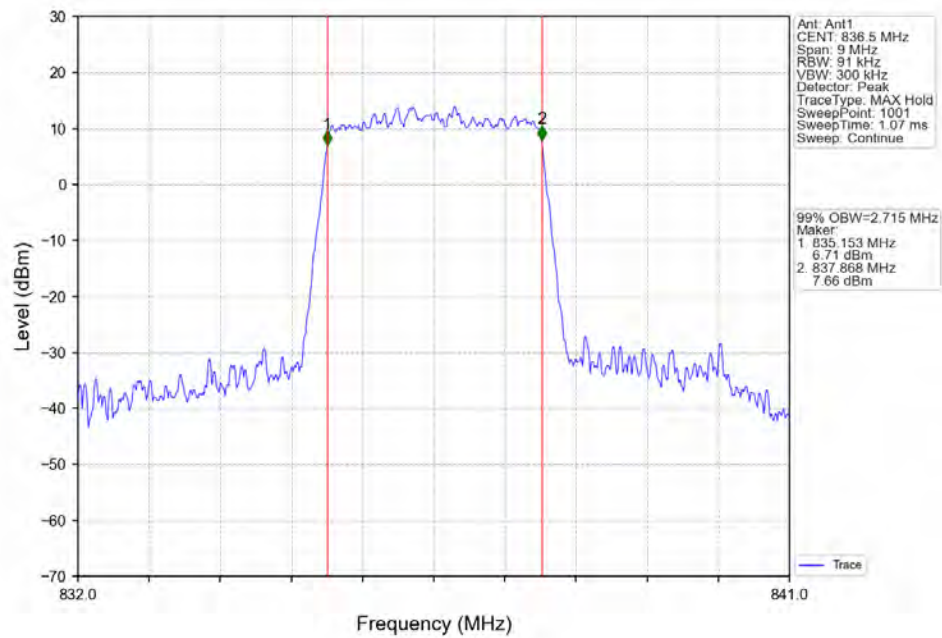
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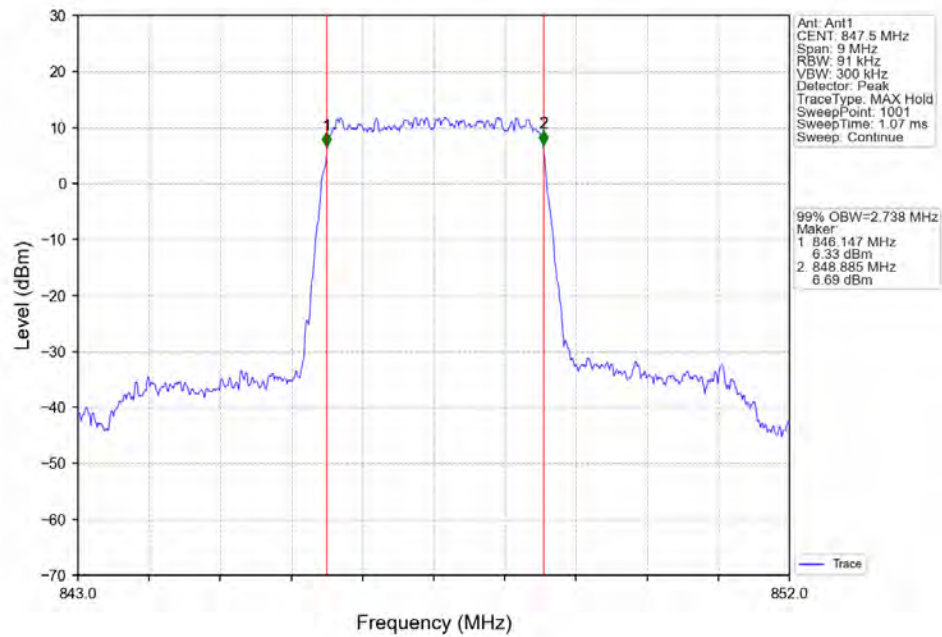
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



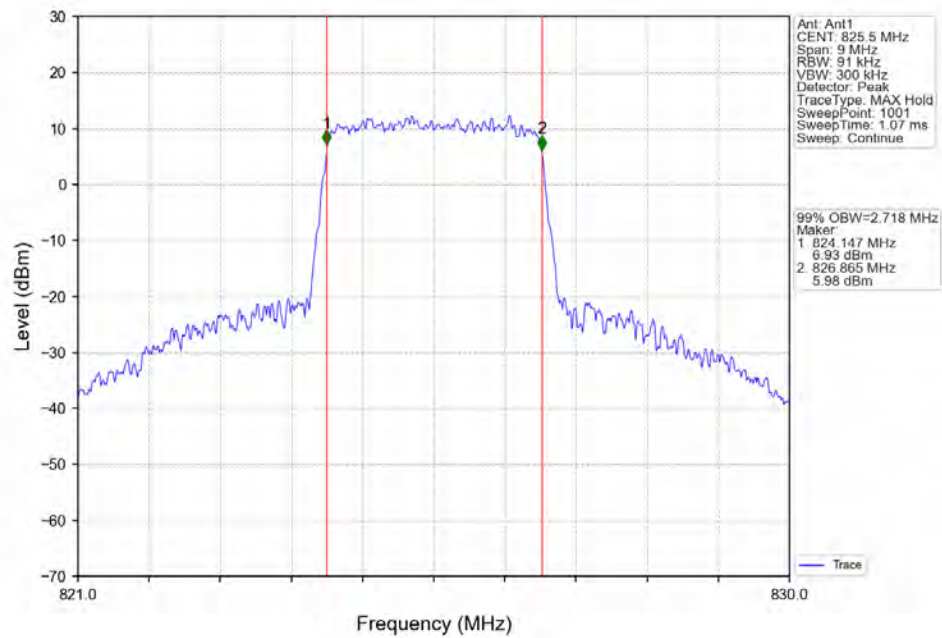
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



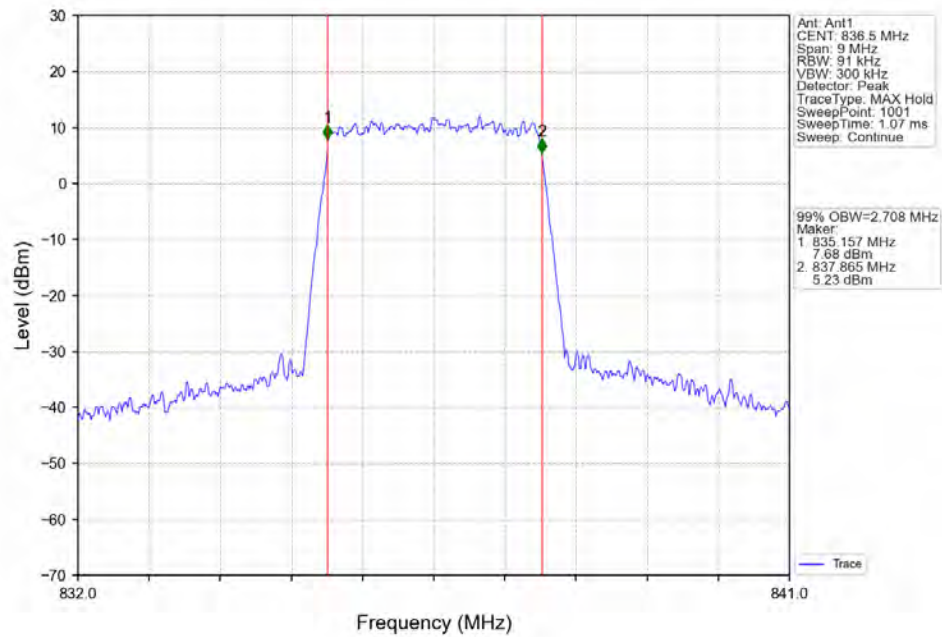
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



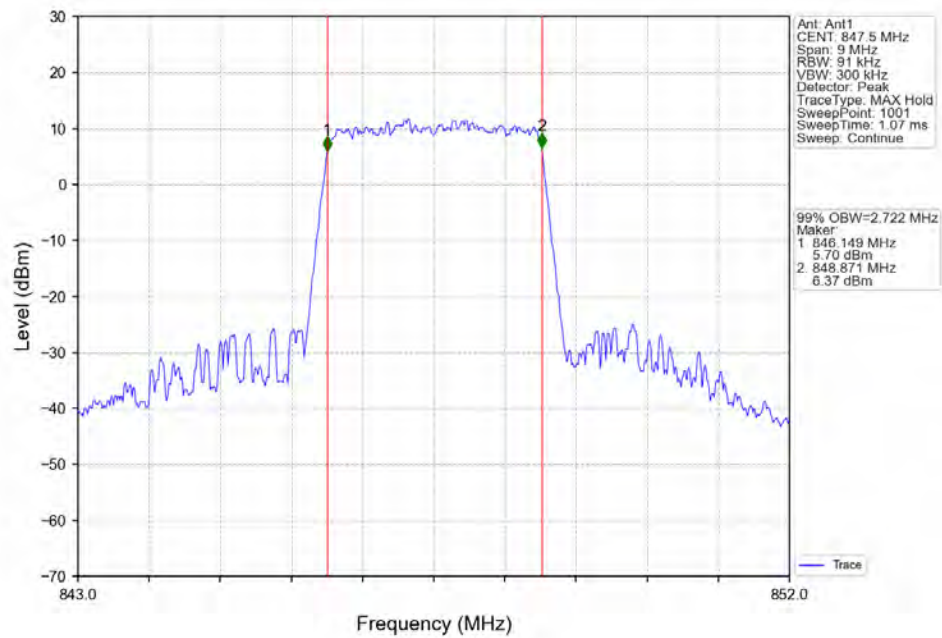
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



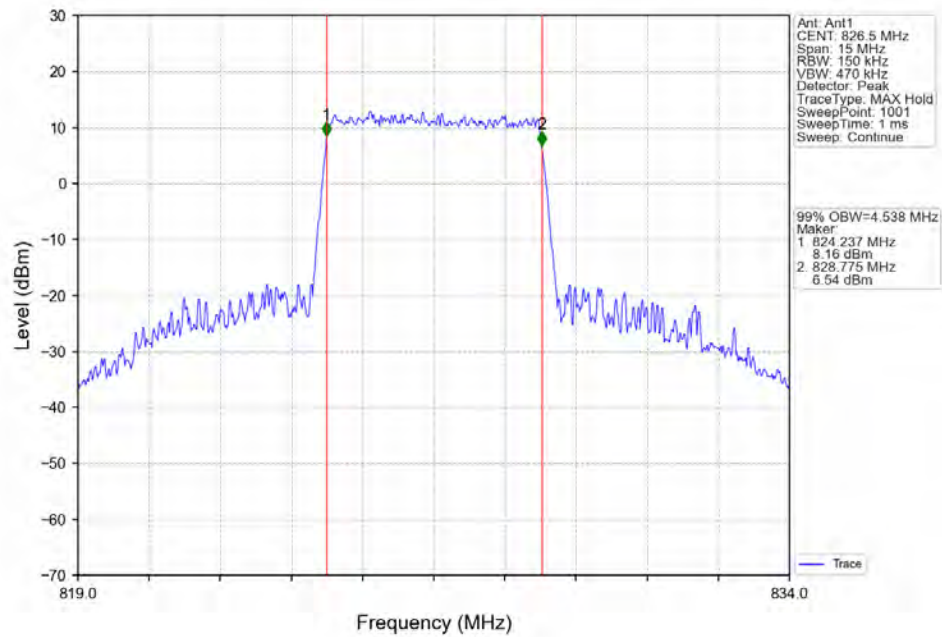
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



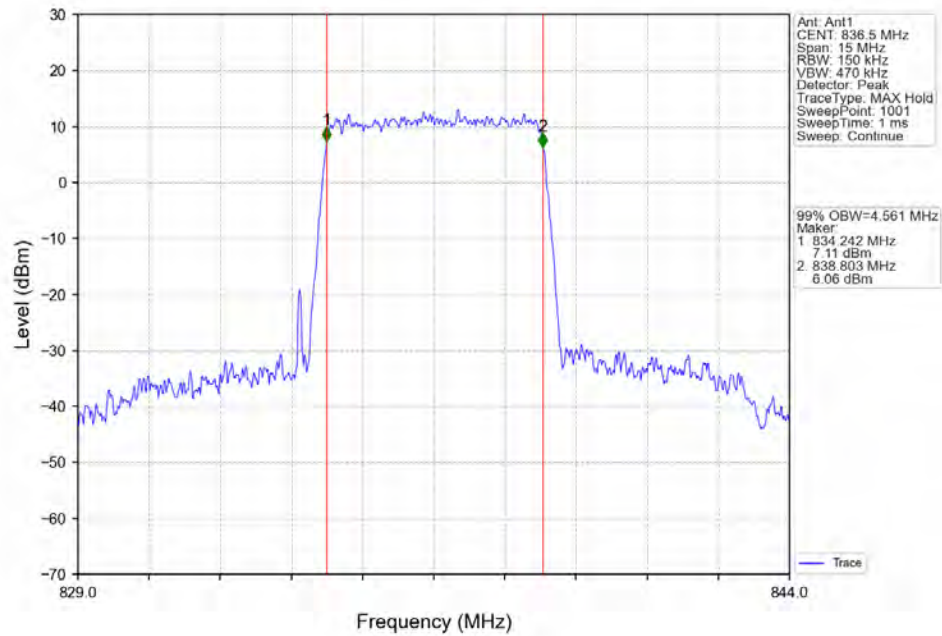
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



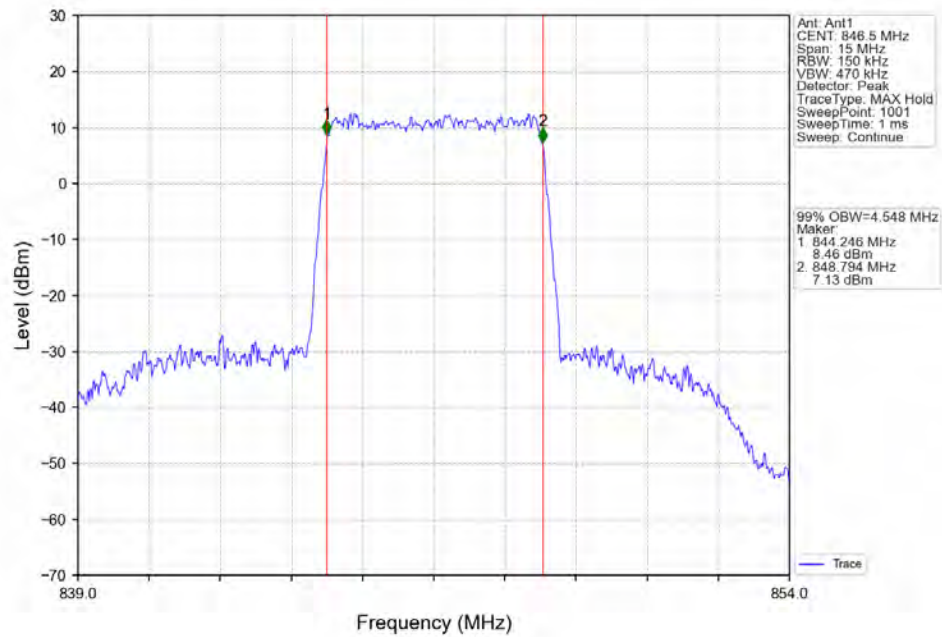
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



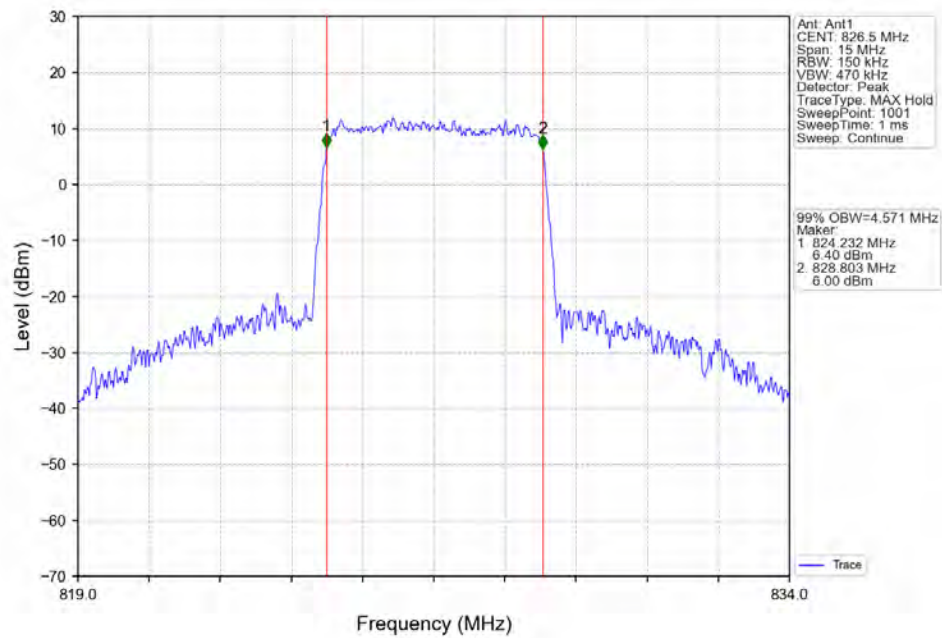
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



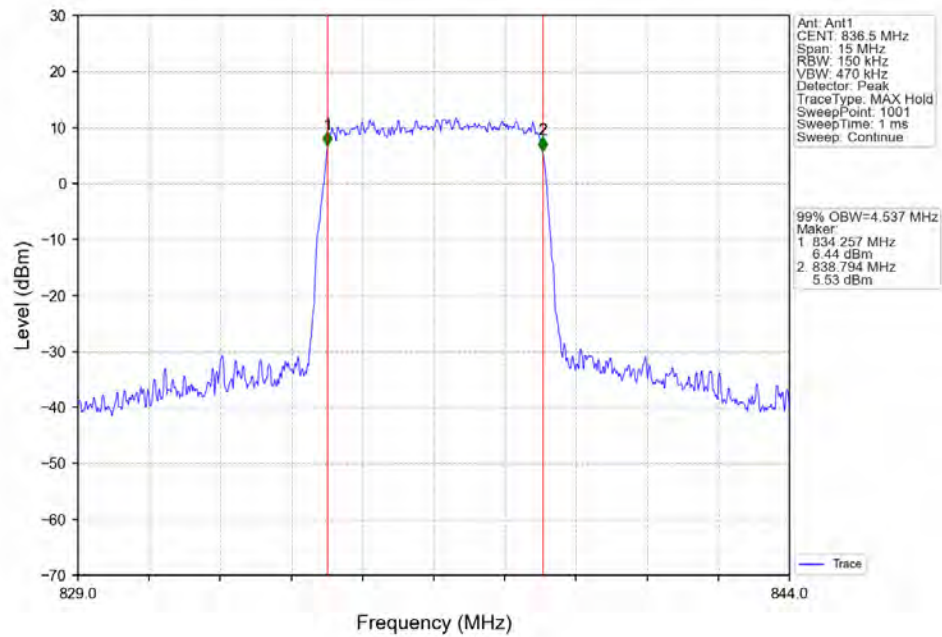
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



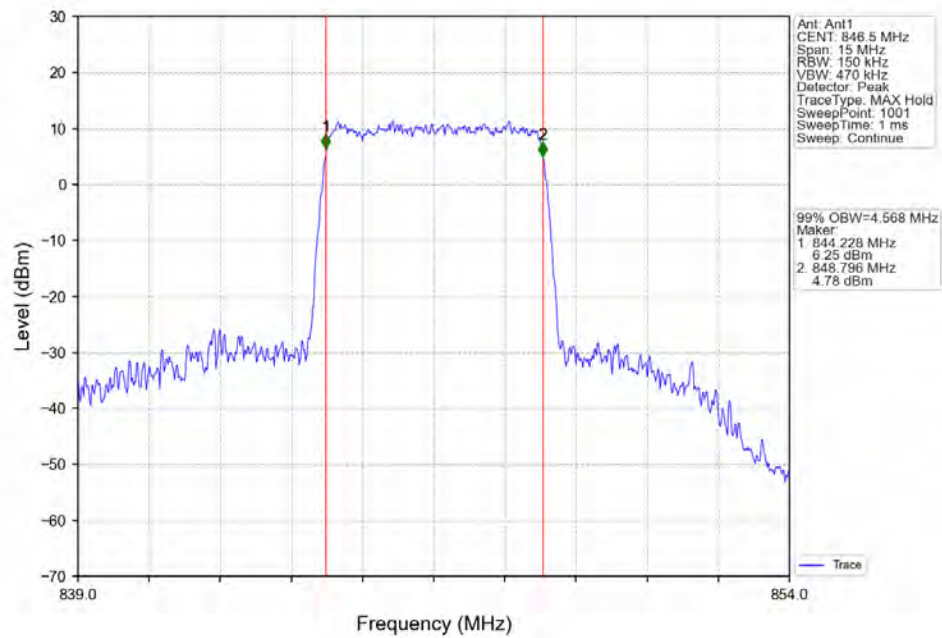
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



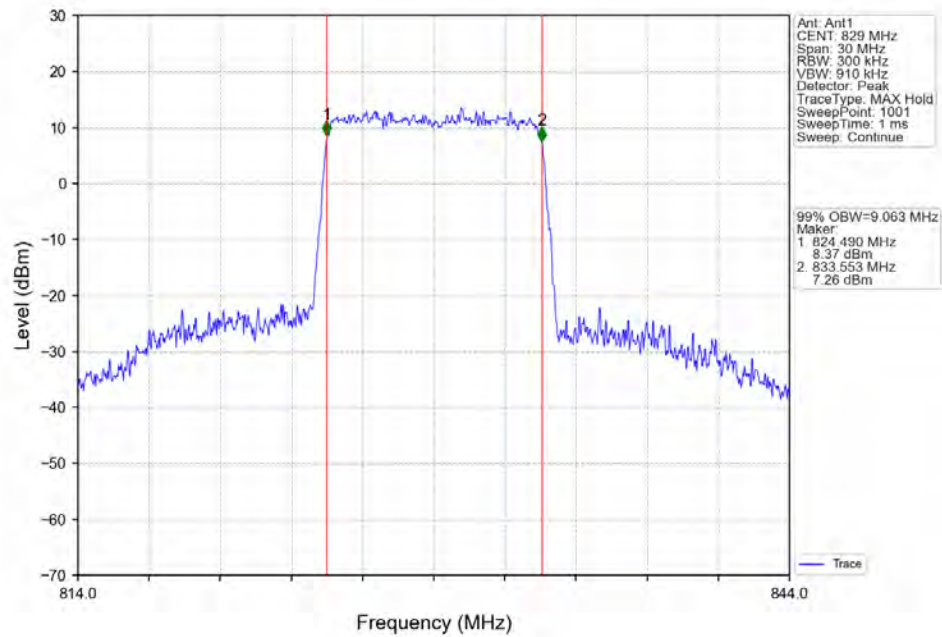
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



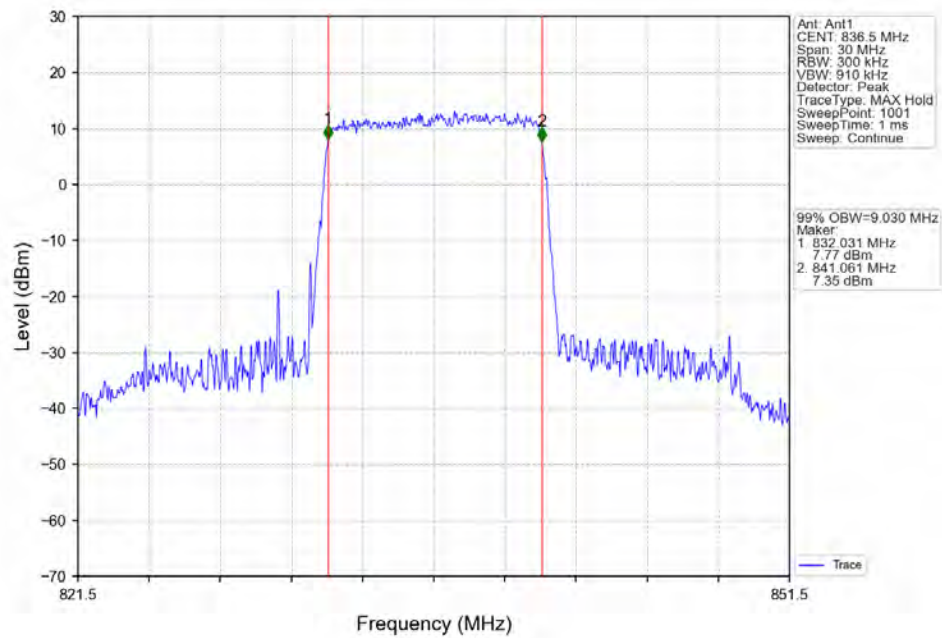
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



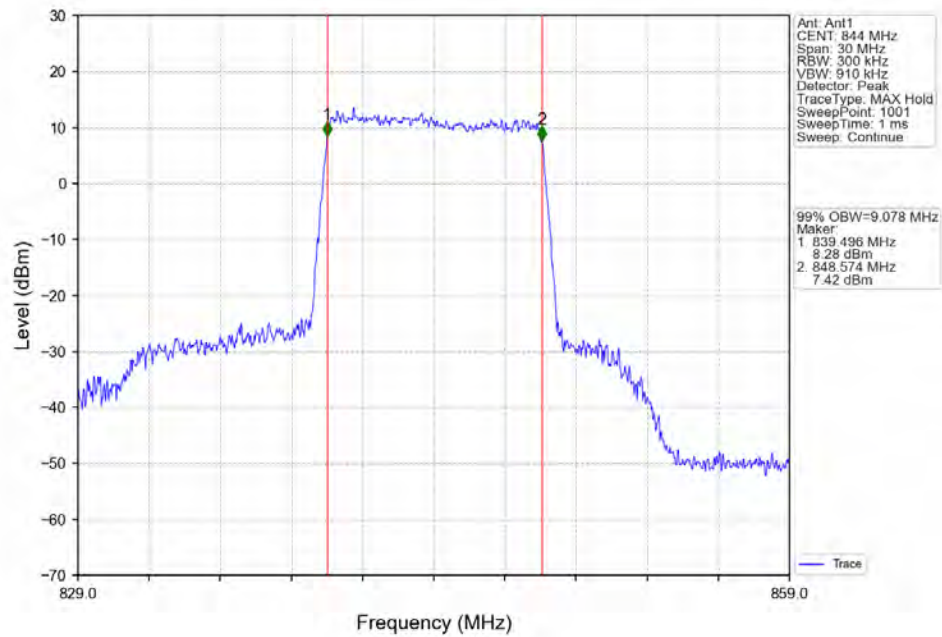
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



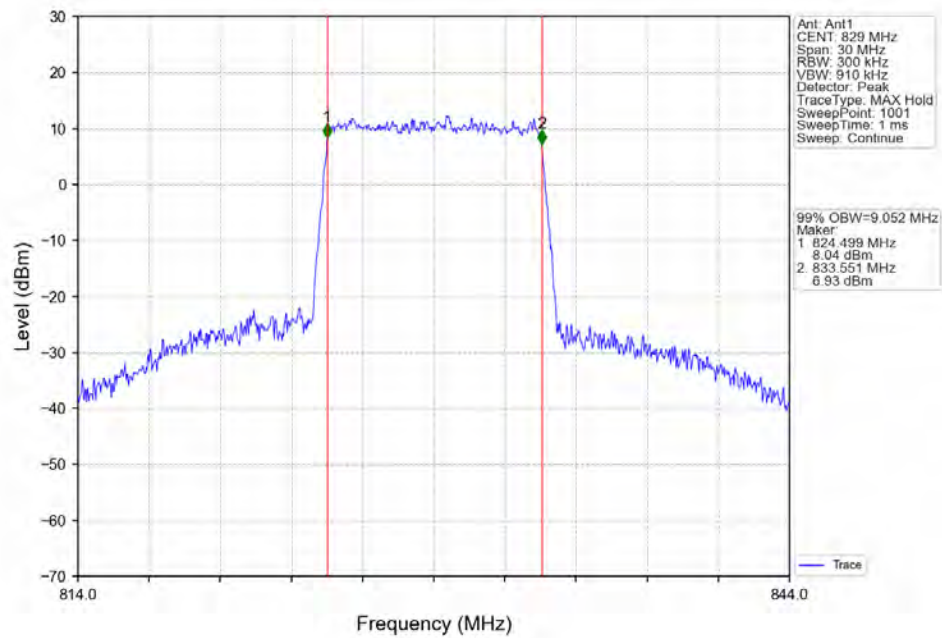
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



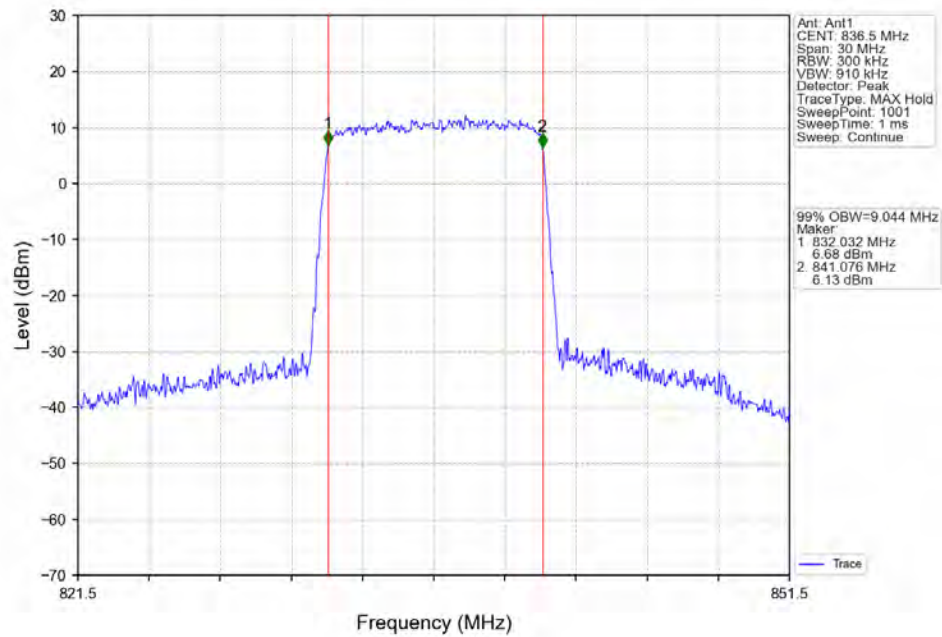
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



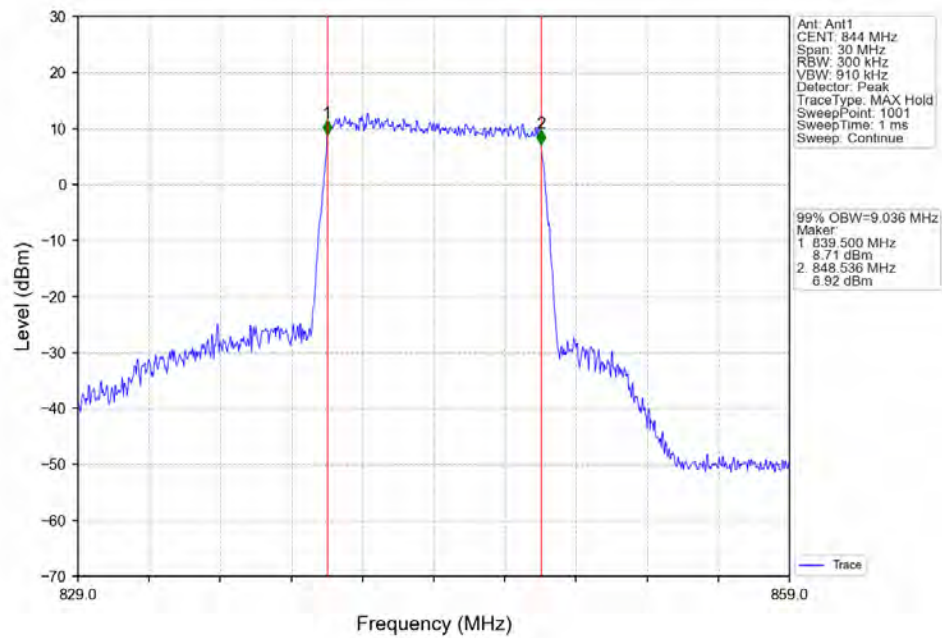
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV

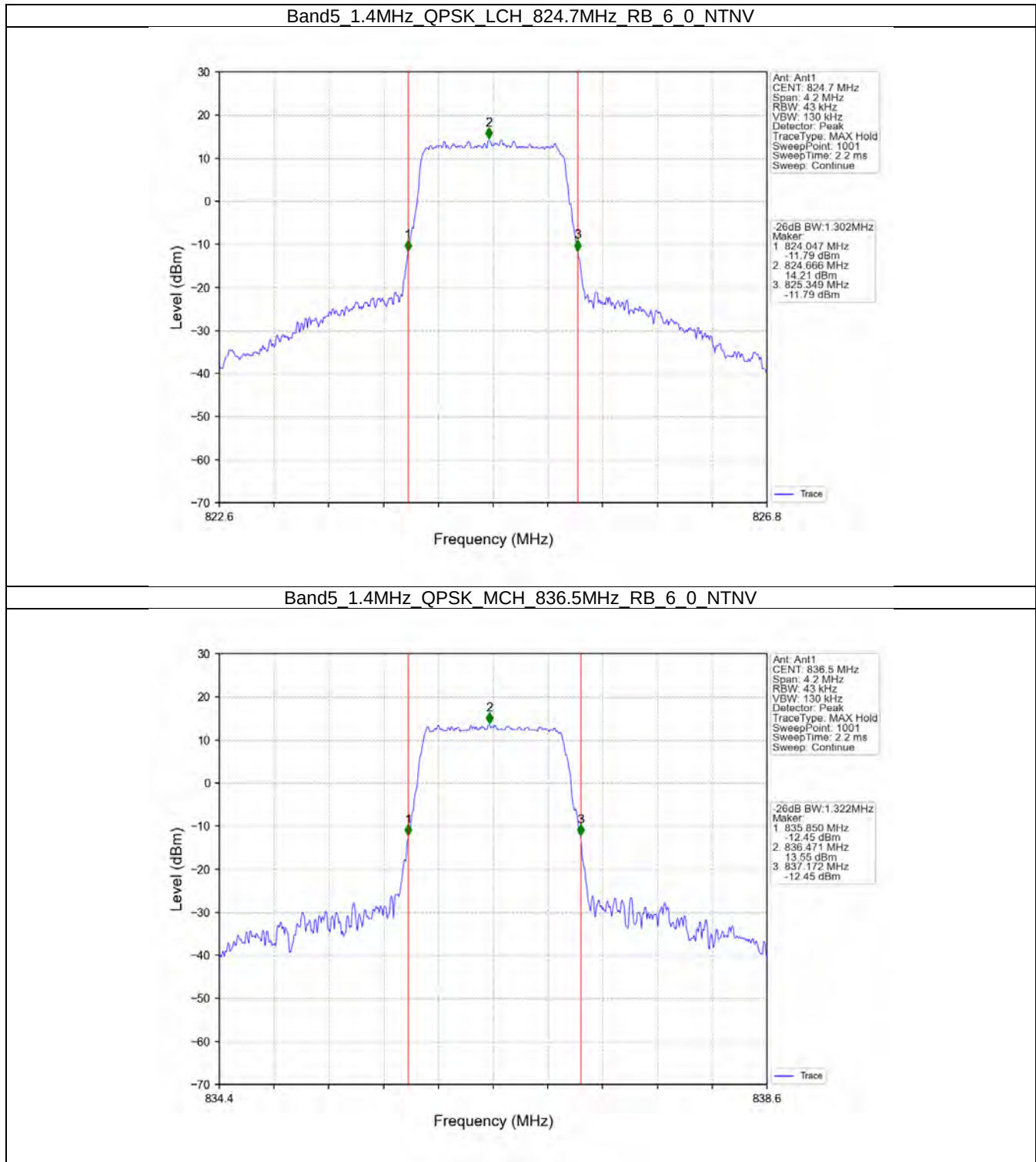


4.2 Band5_XDB

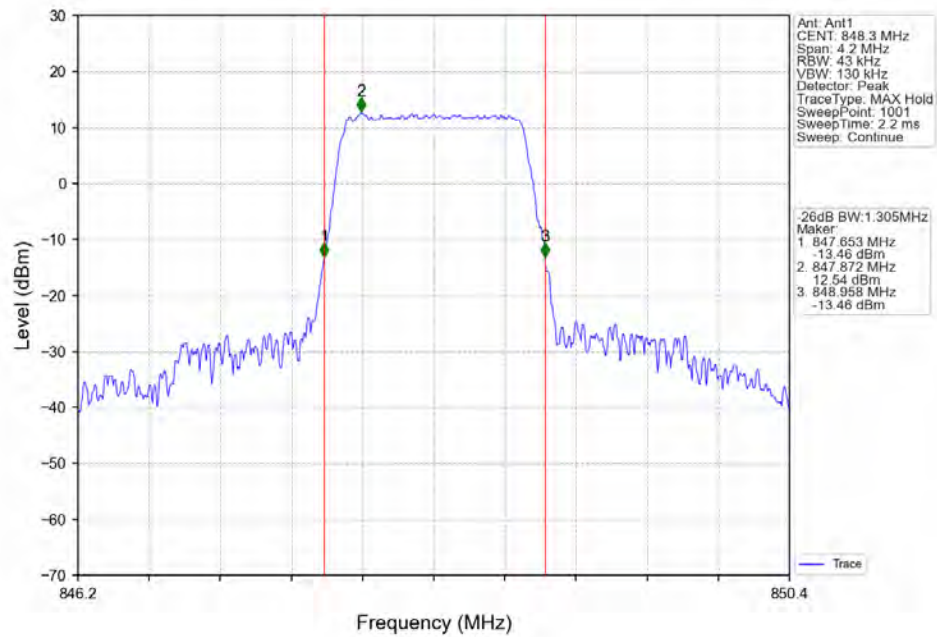
4.2.1 Test Result

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	1.302	/	Pass
		836.5	6	0	1.322	/	Pass
		848.3	6	0	1.305	/	Pass
	16QAM	824.7	6	0	1.308	/	Pass
		836.5	6	0	1.290	/	Pass
		848.3	6	0	1.300	/	Pass
3	QPSK	825.5	15	0	3.047	/	Pass
		836.5	15	0	3.043	/	Pass
		847.5	15	0	3.050	/	Pass
	16QAM	825.5	15	0	3.046	/	Pass
		836.5	15	0	3.048	/	Pass
		847.5	15	0	3.047	/	Pass
5	QPSK	826.5	25	0	5.010	/	Pass
		836.5	25	0	4.995	/	Pass
		846.5	25	0	4.999	/	Pass
	16QAM	826.5	25	0	5.022	/	Pass
		836.5	25	0	5.006	/	Pass
		846.5	25	0	5.017	/	Pass
10	QPSK	829	50	0	9.904	/	Pass
		836.5	50	0	9.902	/	Pass
		844	50	0	9.911	/	Pass
	16QAM	829	50	0	9.962	/	Pass
		836.5	50	0	9.874	/	Pass
		844	50	0	9.868	/	Pass

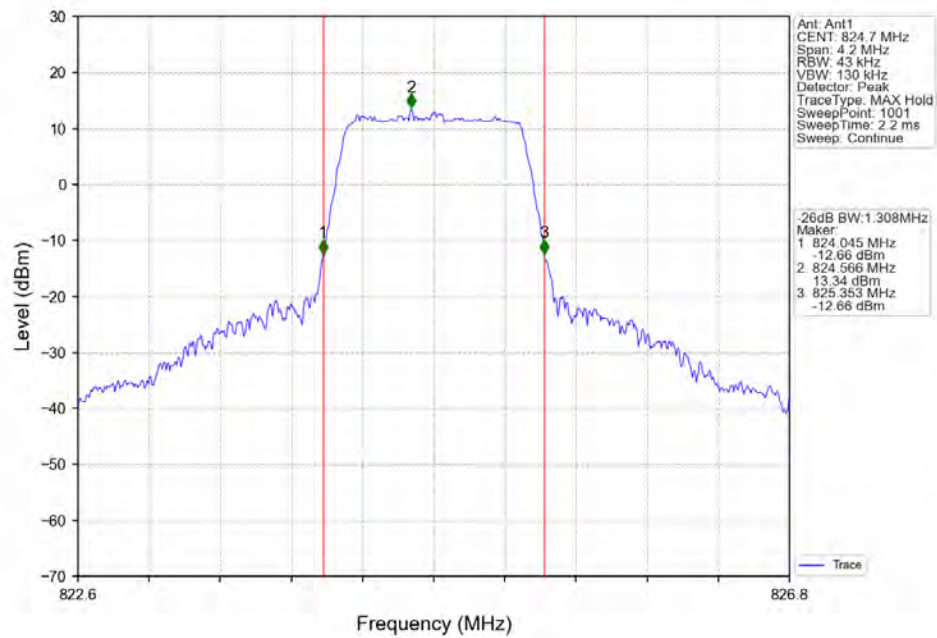
4.2.2 Test Graph



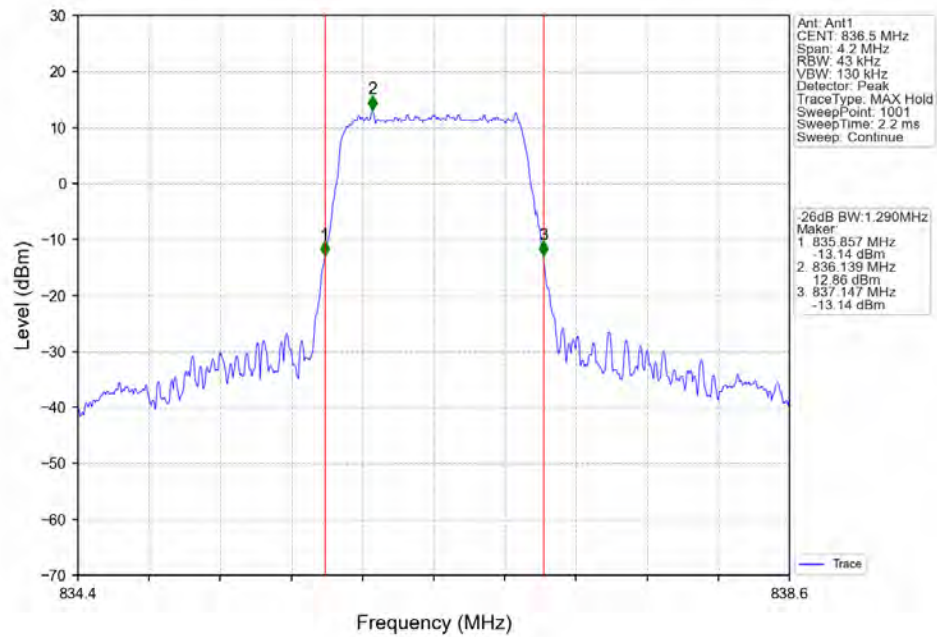
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



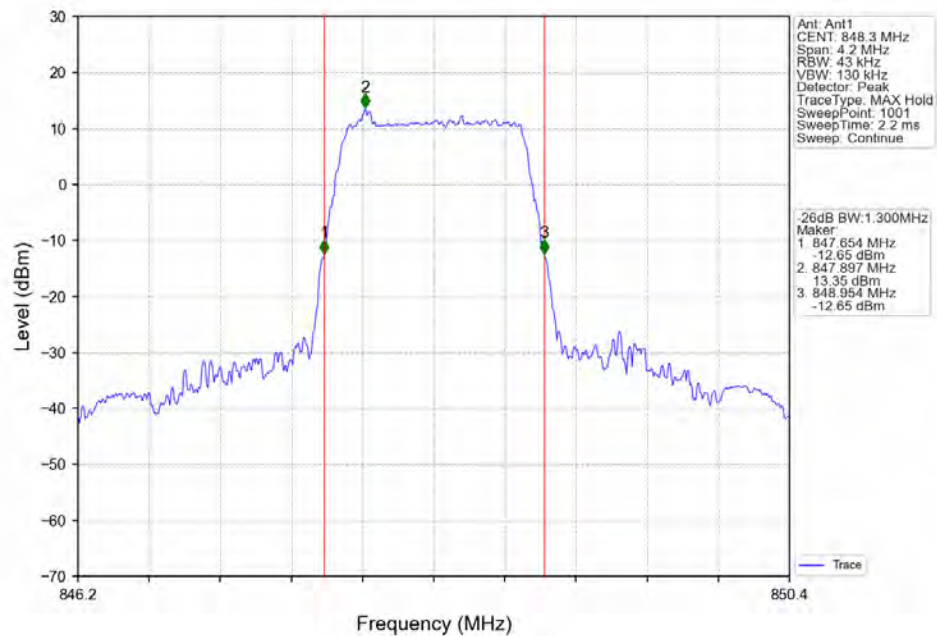
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



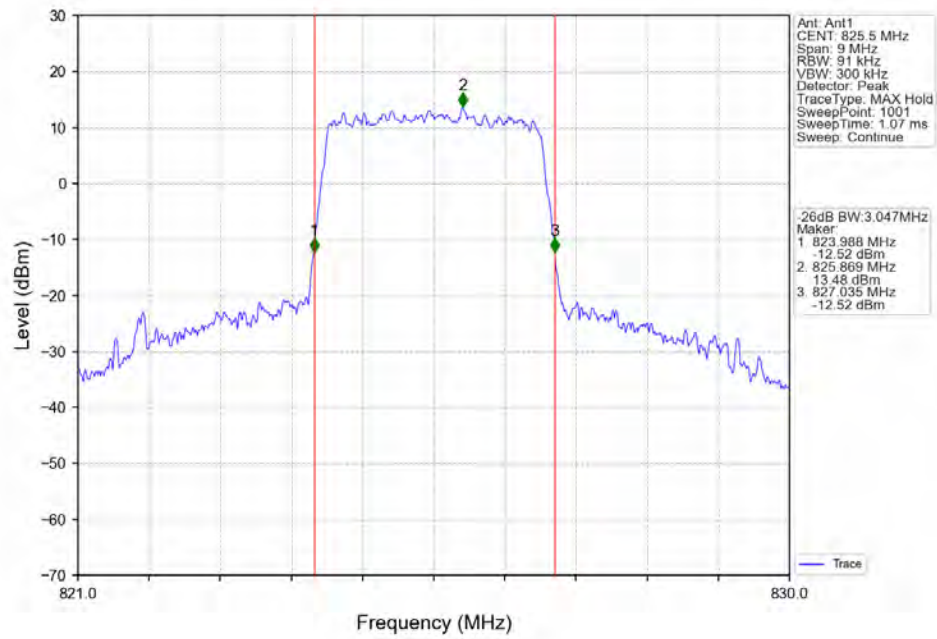
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



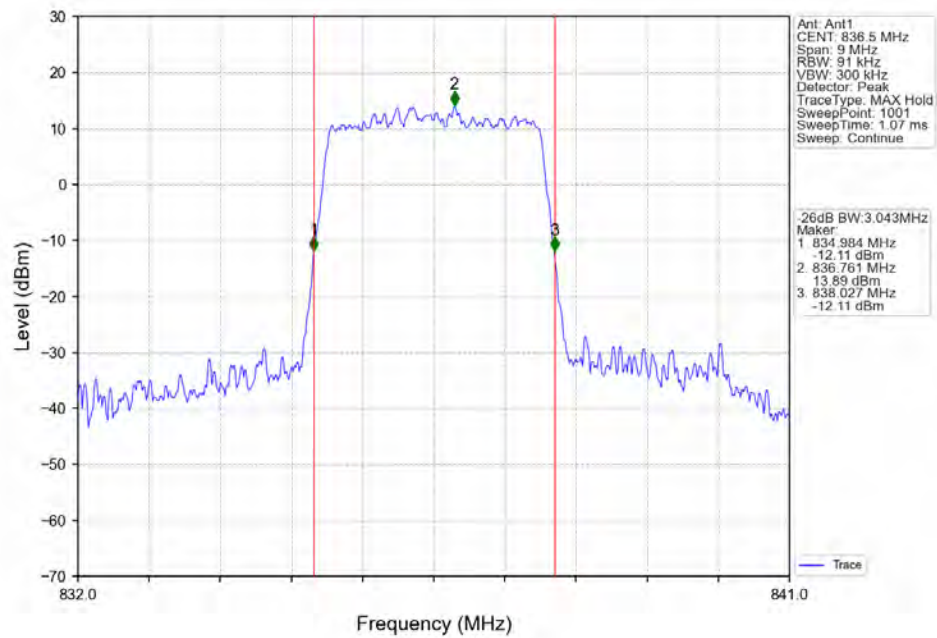
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



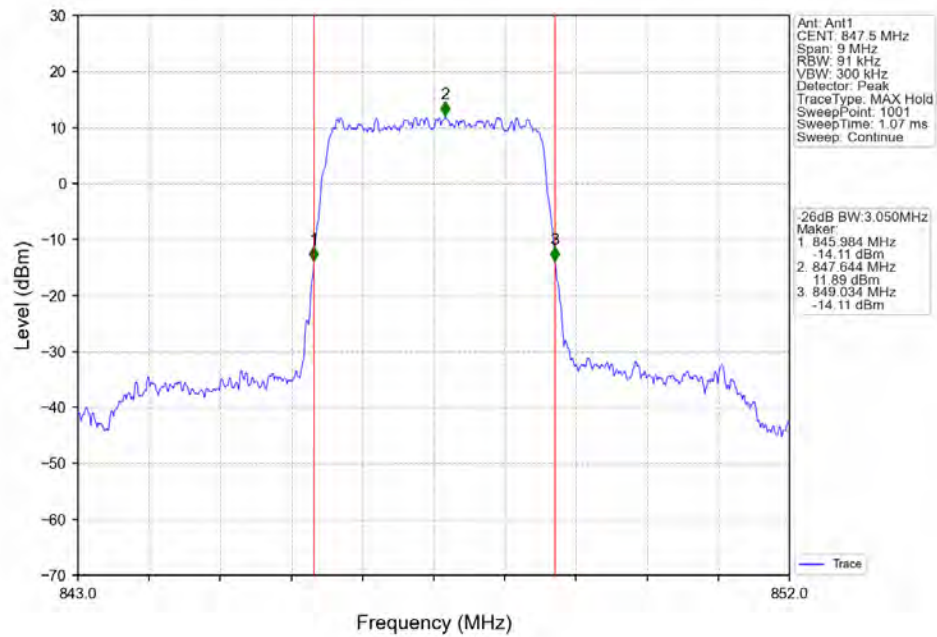
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



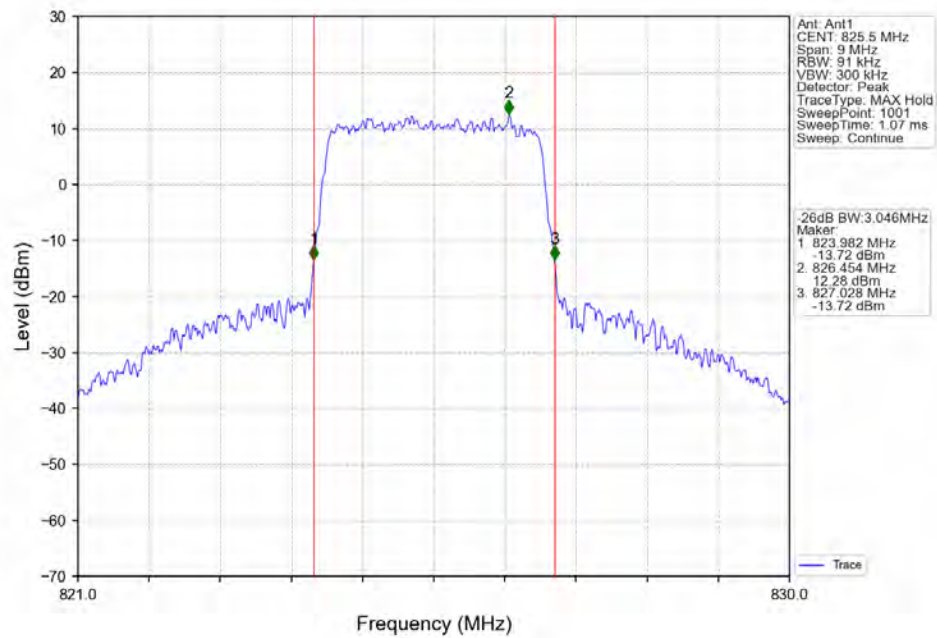
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



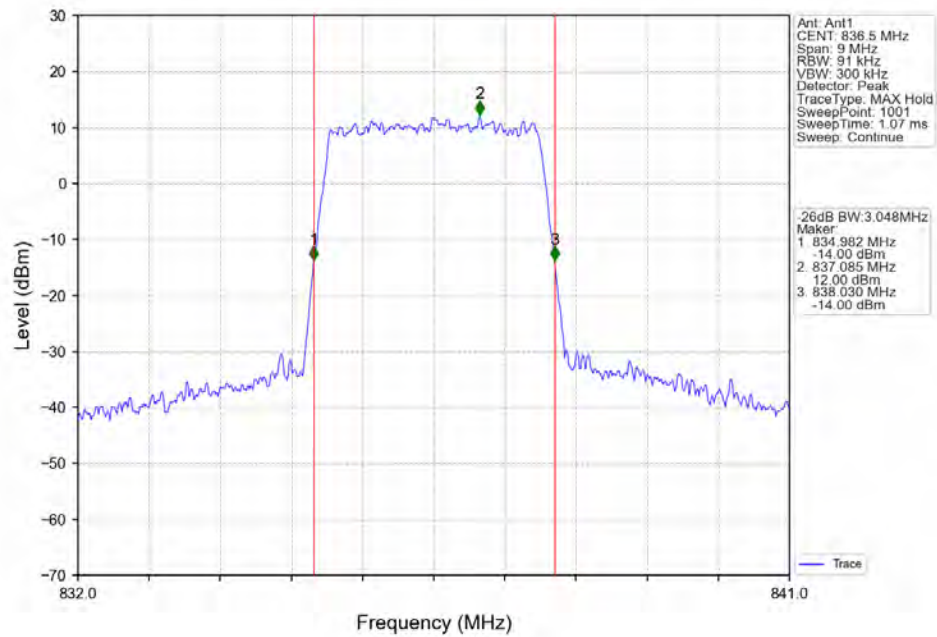
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



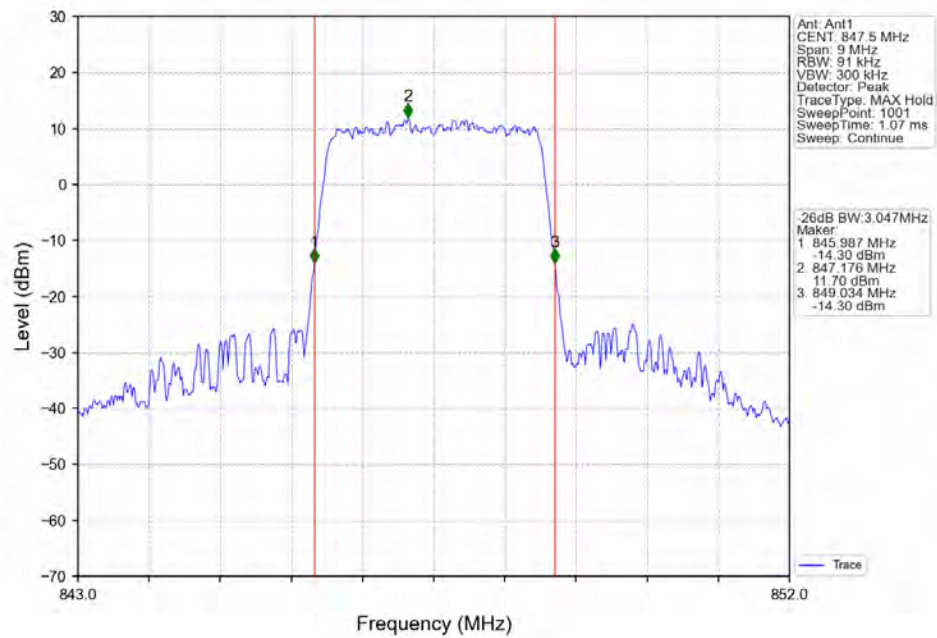
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



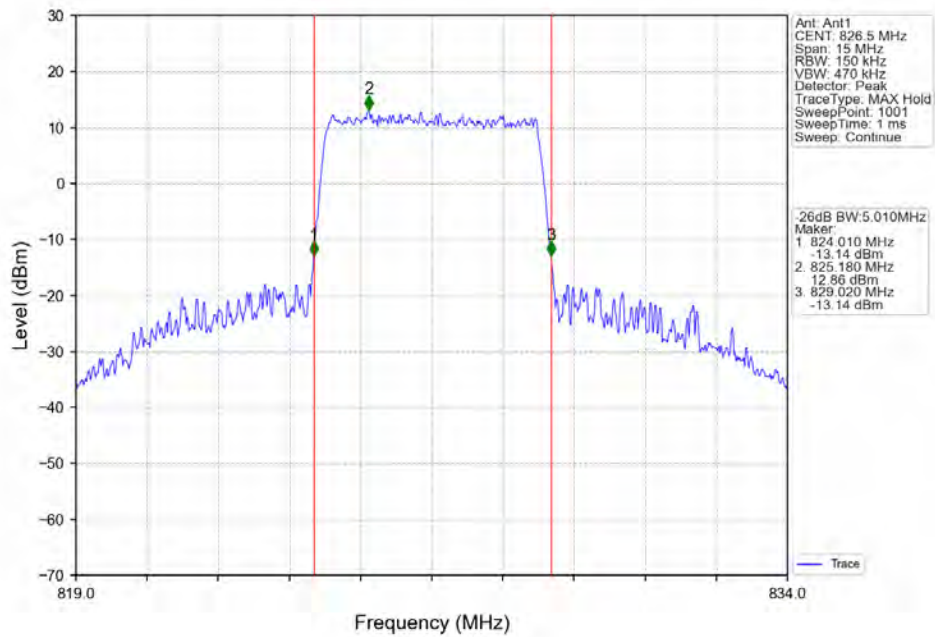
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



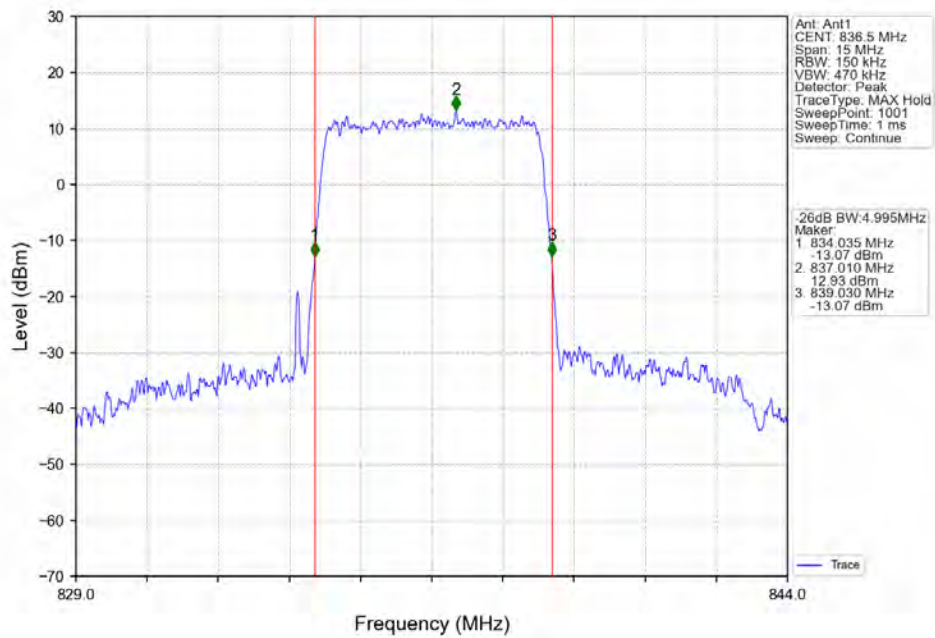
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



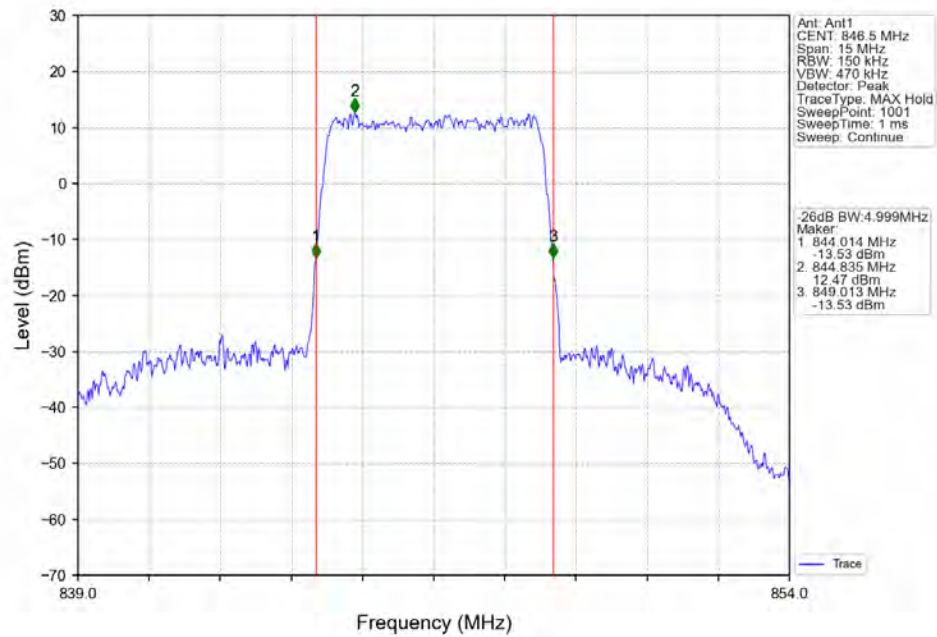
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



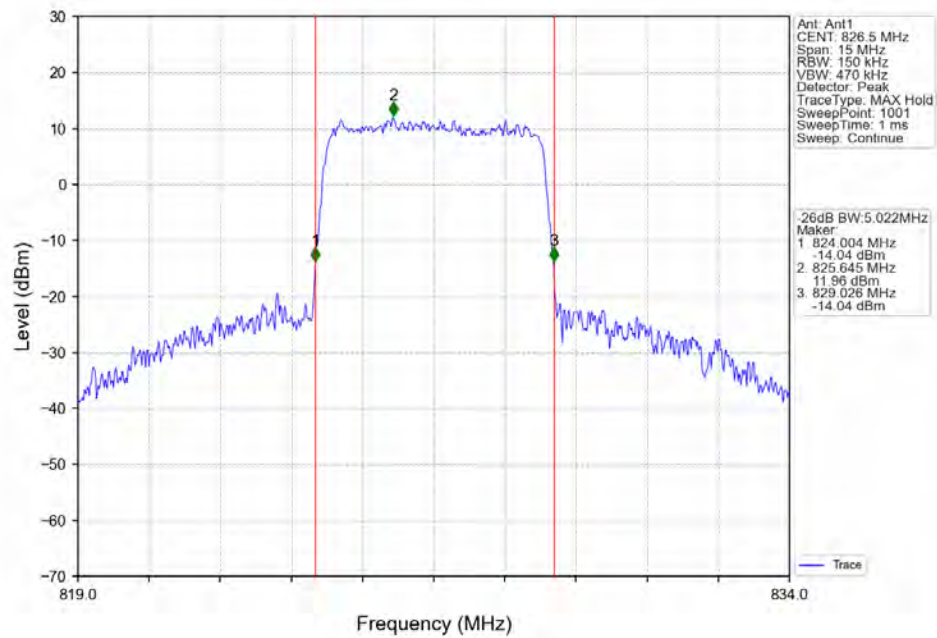
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



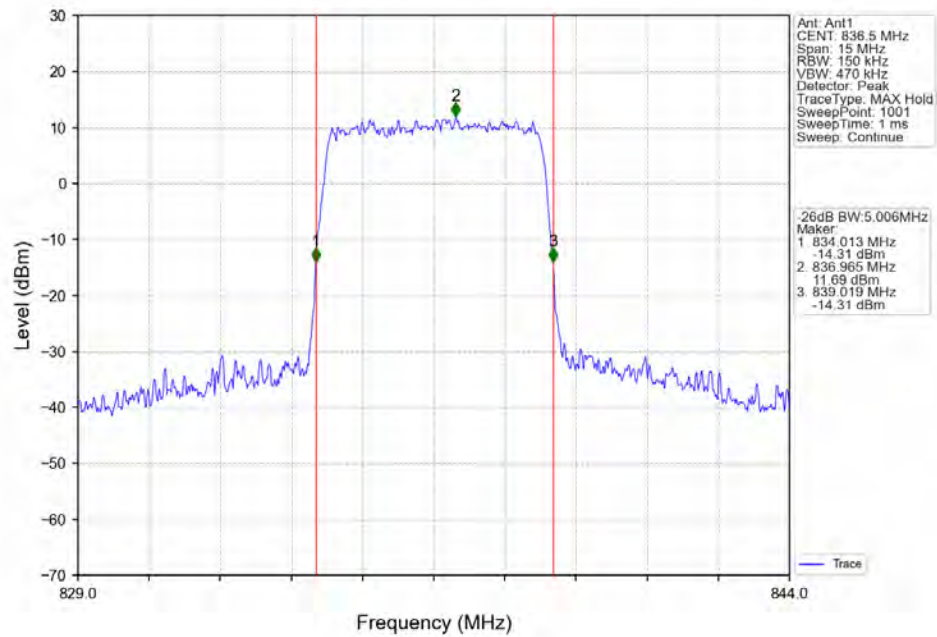
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



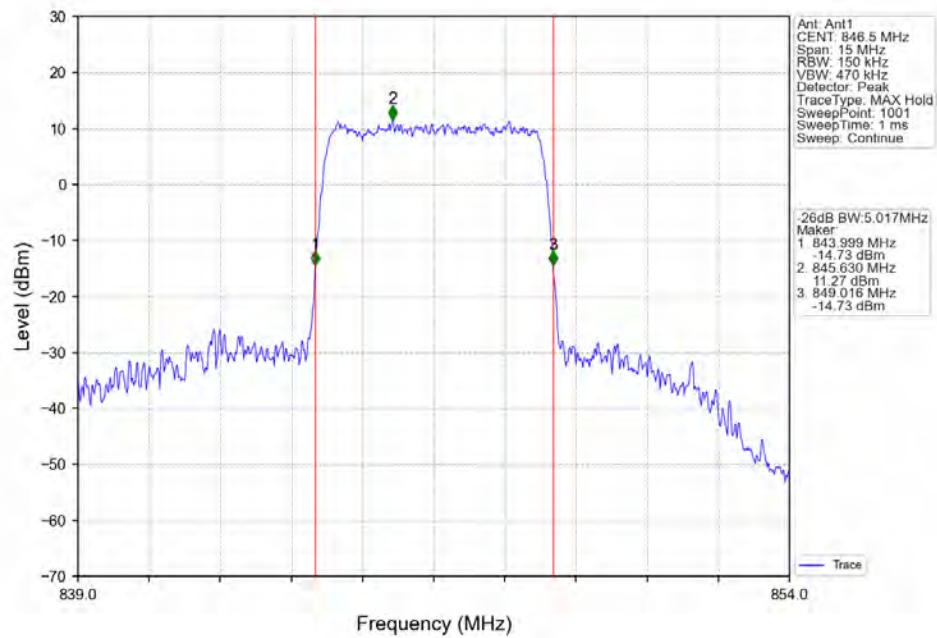
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



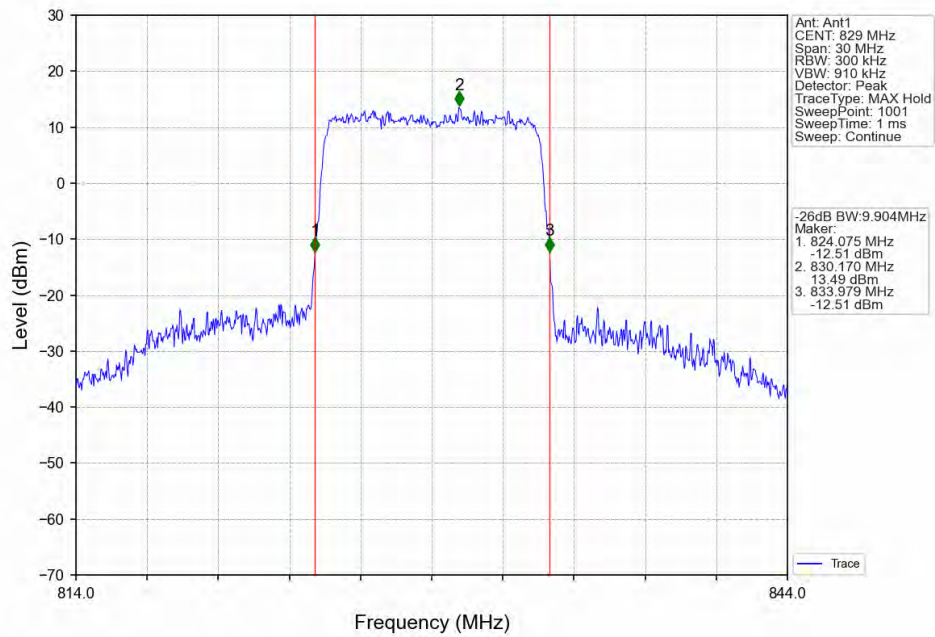
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



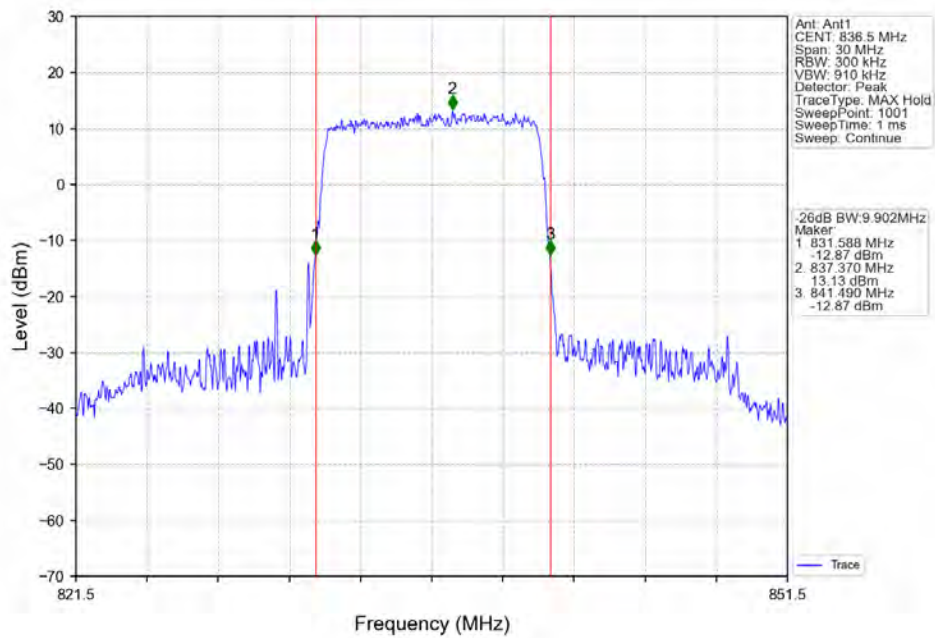
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



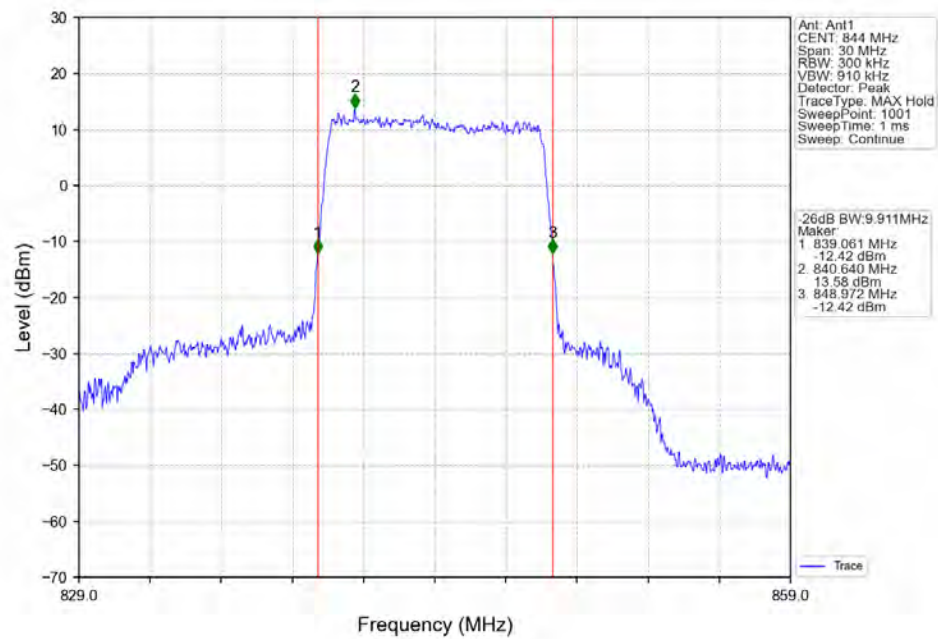
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



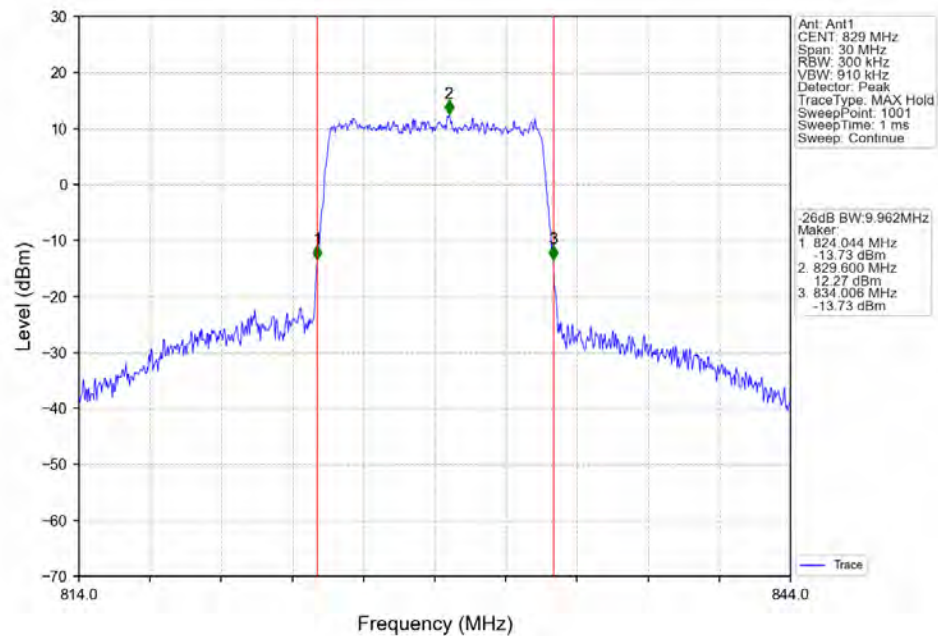
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



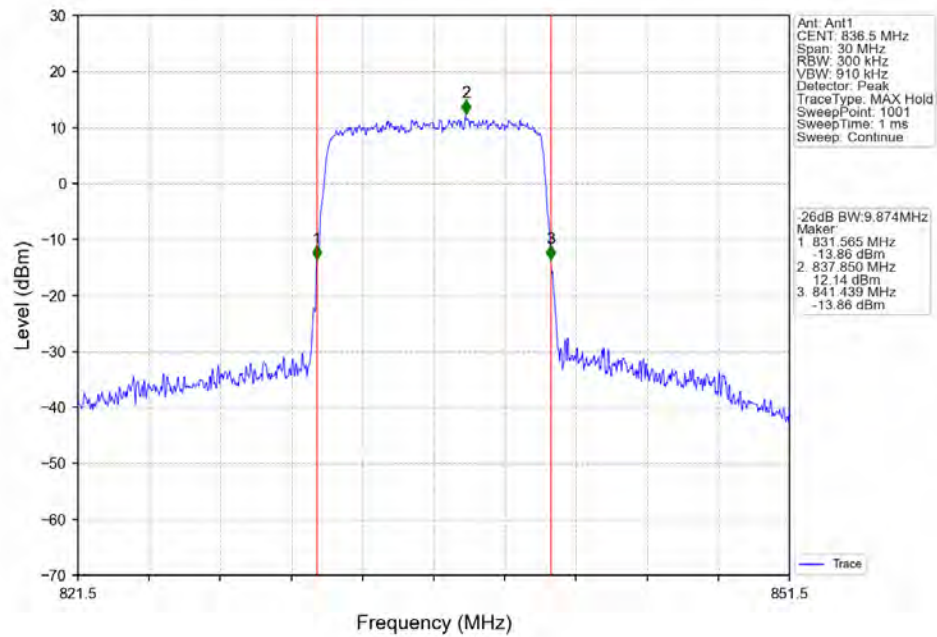
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



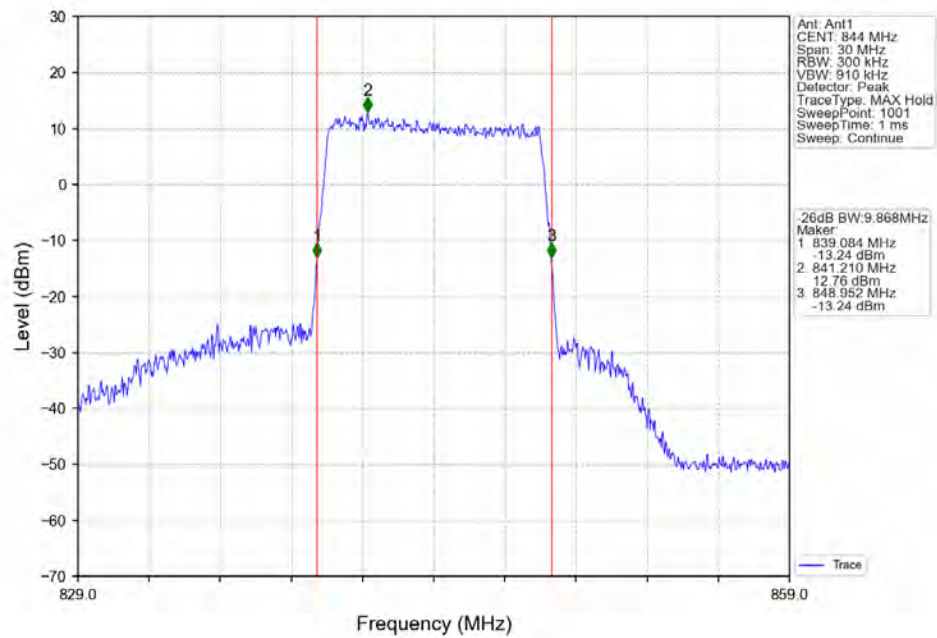
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



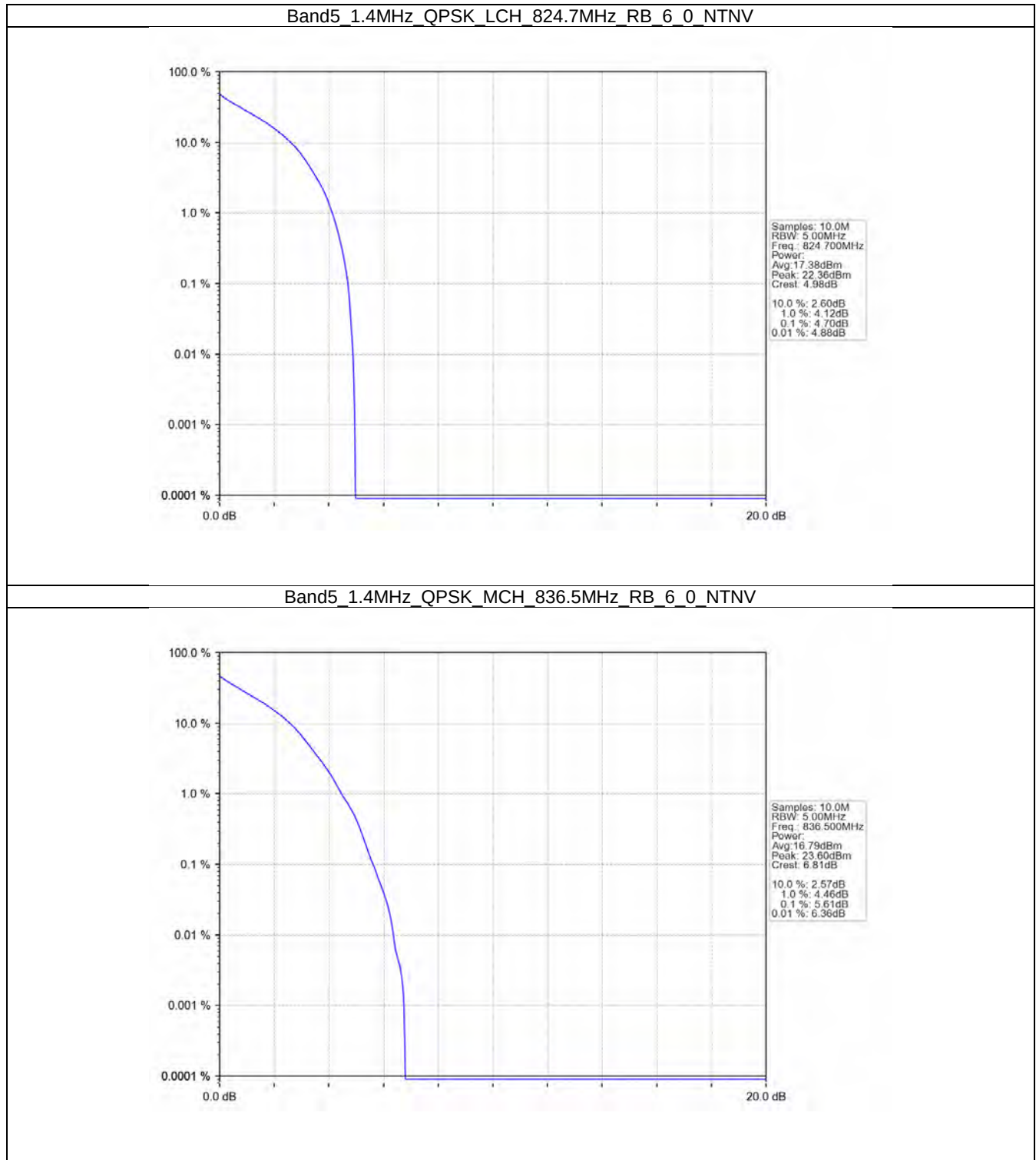
5. Peak-Average Ratio

5.1 B5_1.4MHz

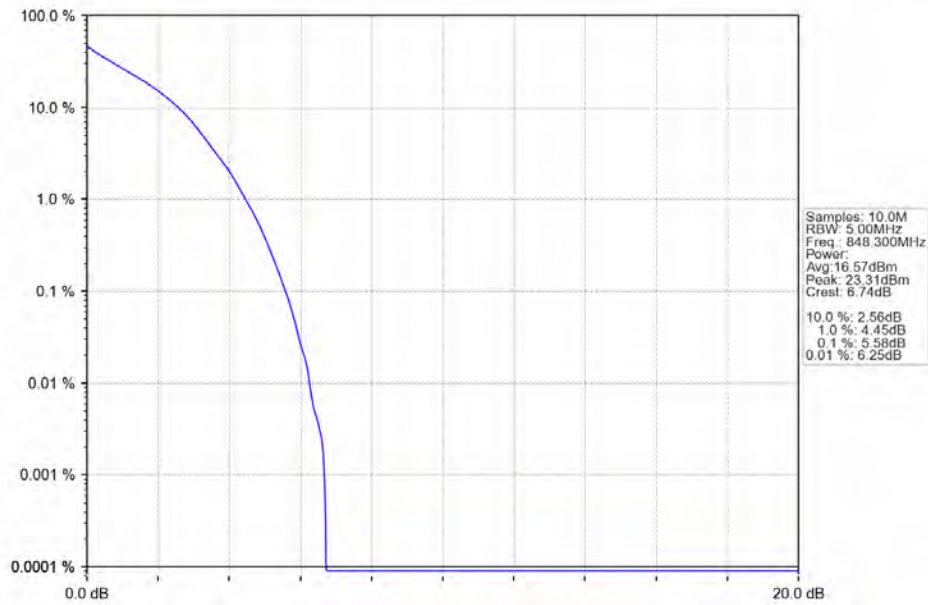
5.1.1 Test Result

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	4.70	<=13	Pass
	836.5	6	0	5.61	<=13	Pass
	848.3	6	0	5.58	<=13	Pass
16QAM	824.7	6	0	5.66	<=13	Pass
	836.5	6	0	6.46	<=13	Pass
	848.3	6	0	6.30	<=13	Pass

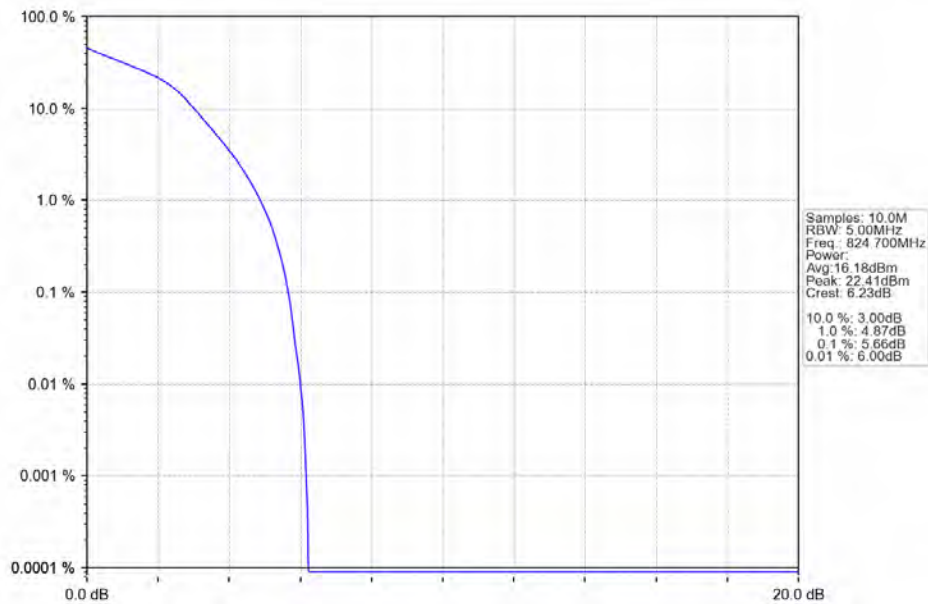
5.1.2 Test Graph



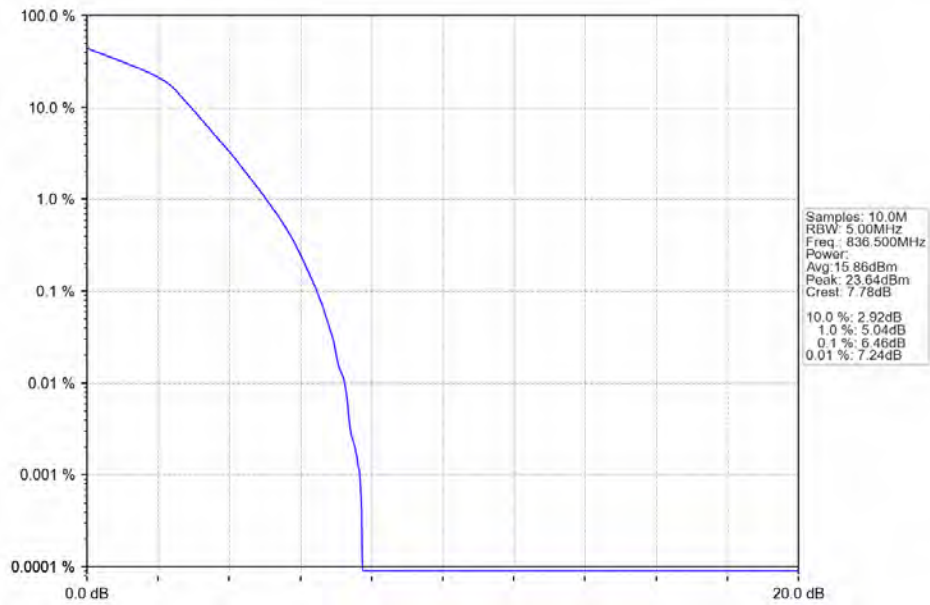
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



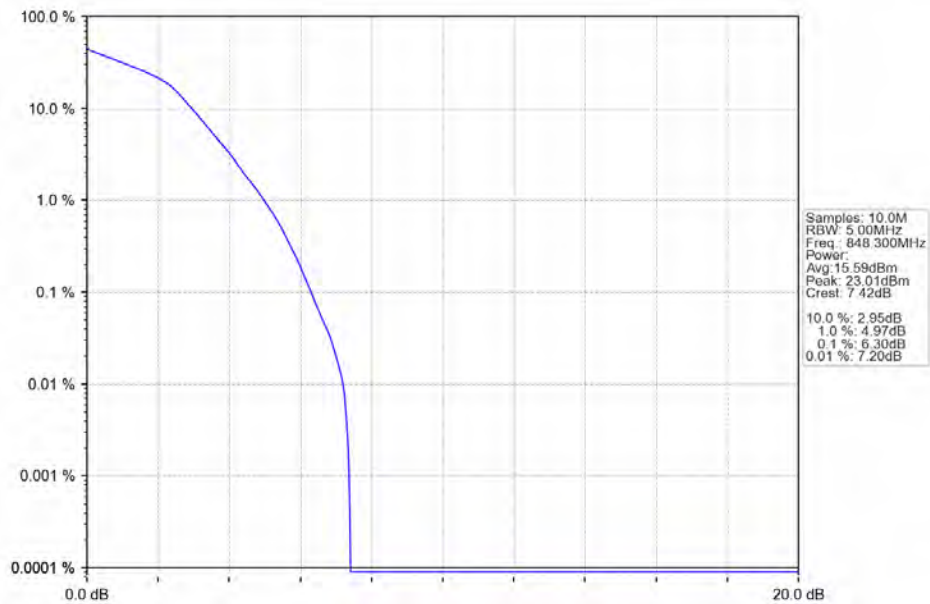
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV

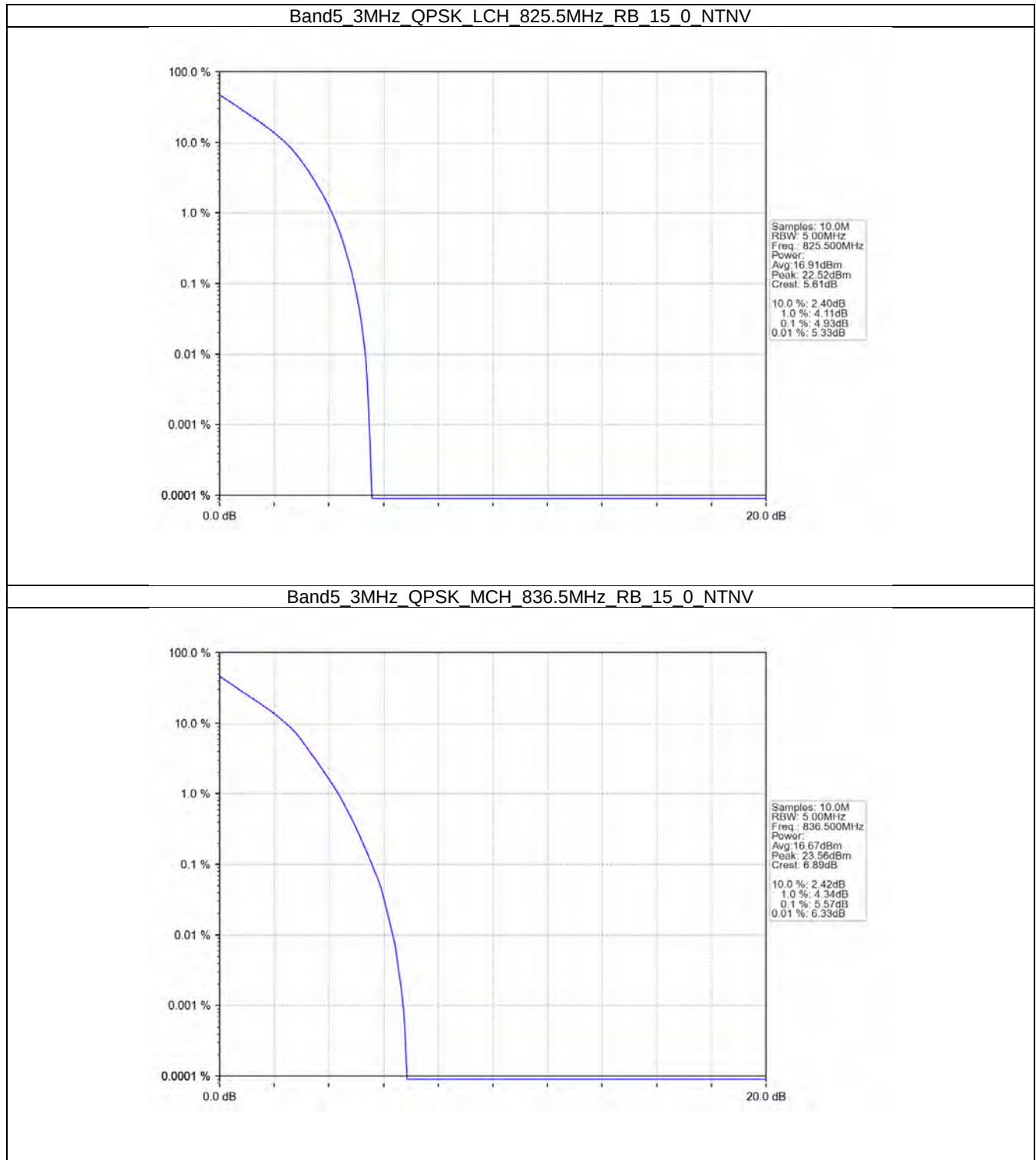


5.2 B5_3MHz

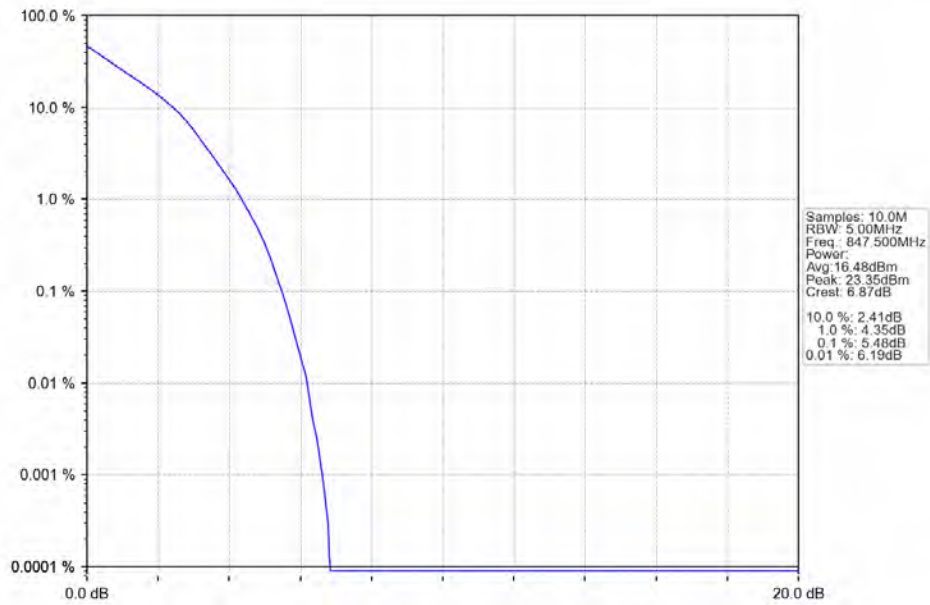
5.2.1 Test Result

Band: 5 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	825.5	15	0	4.93	<=13	Pass
	836.5	15	0	5.57	<=13	Pass
	847.5	15	0	5.48	<=13	Pass
16QAM	825.5	15	0	5.86	<=13	Pass
	836.5	15	0	6.38	<=13	Pass
	847.5	15	0	6.30	<=13	Pass

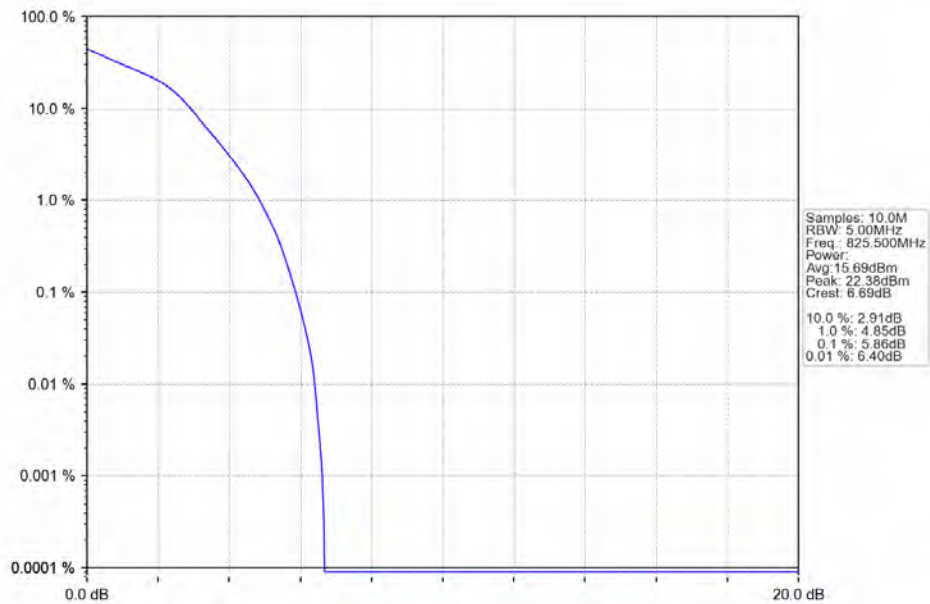
5.2.2 Test Graph



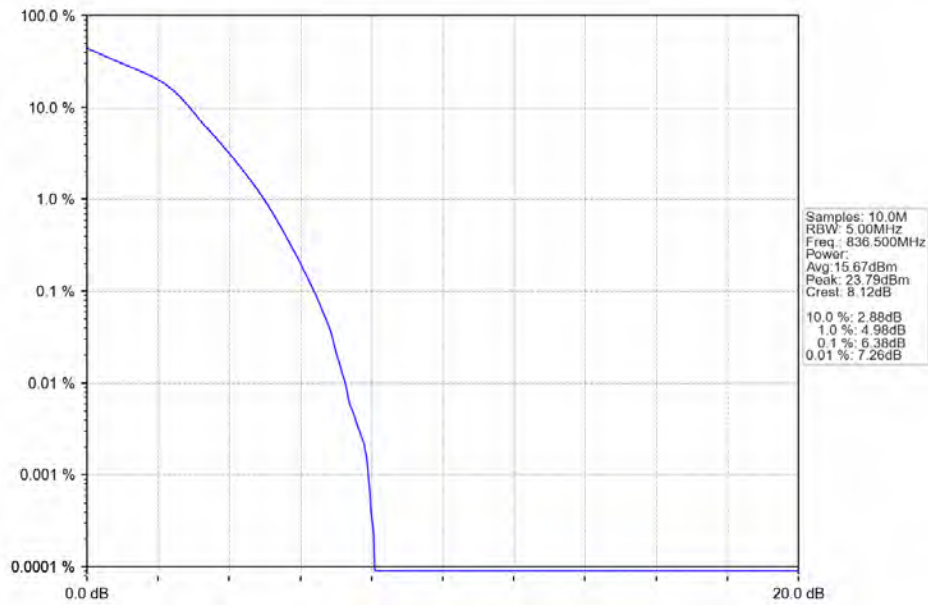
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



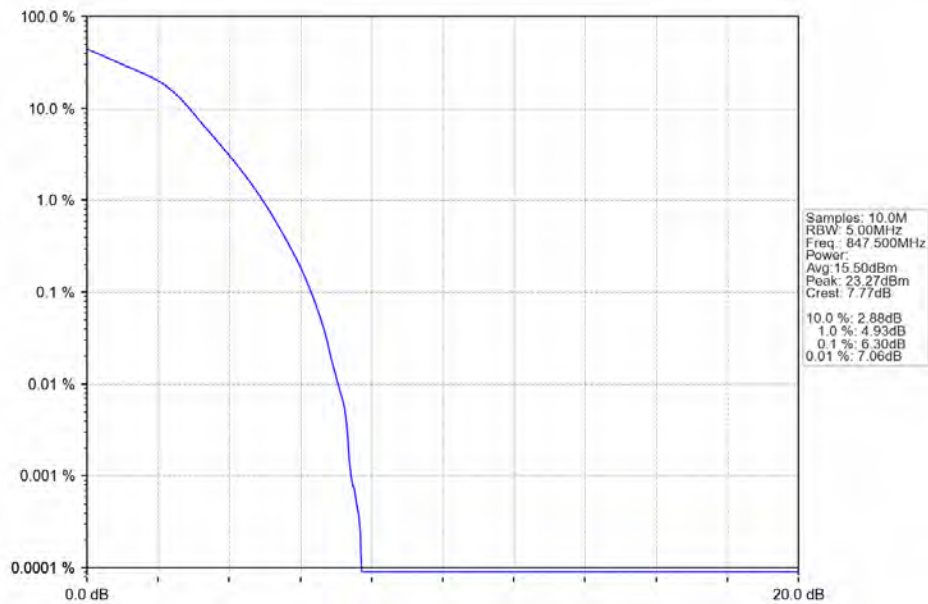
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV

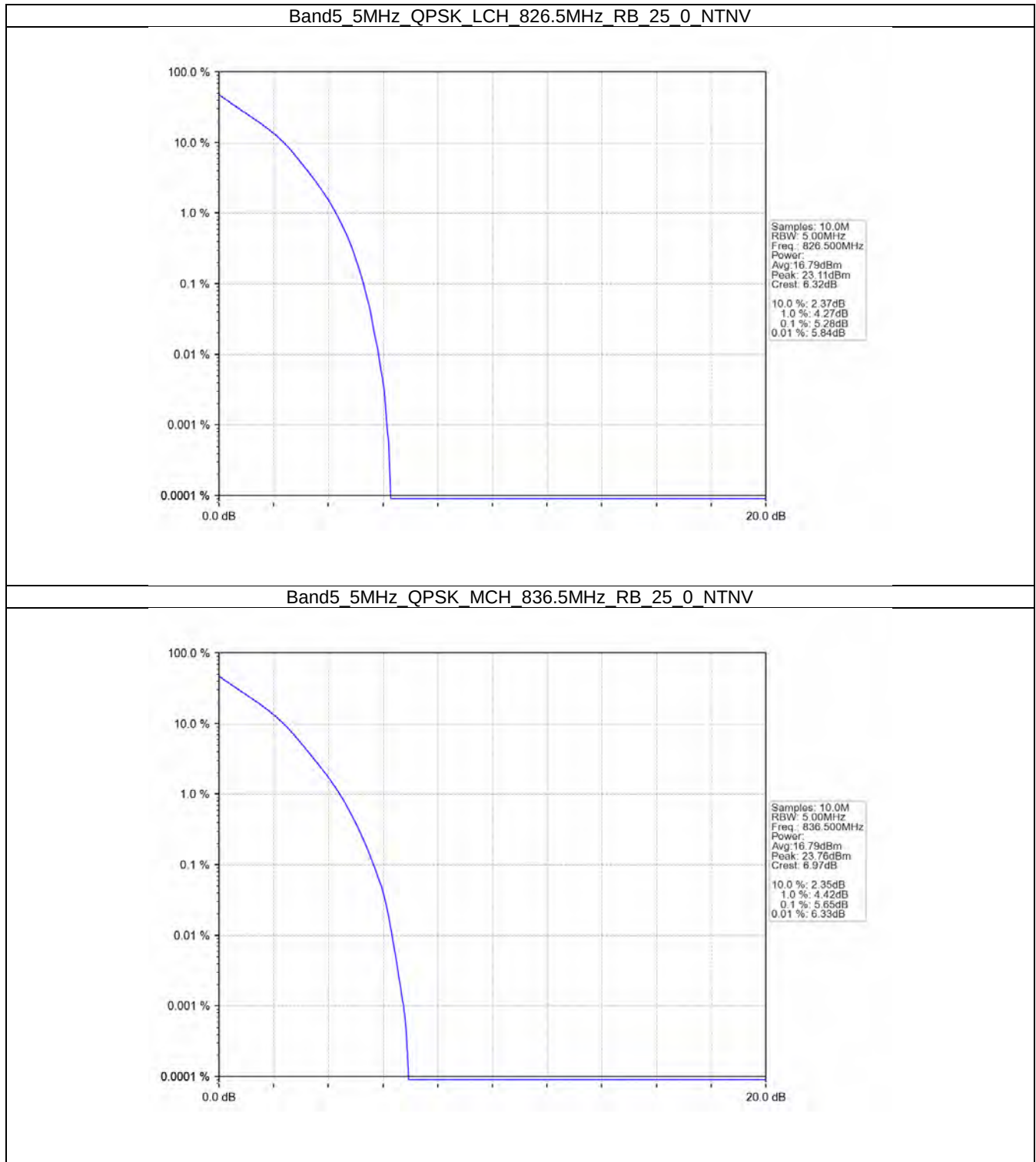


5.3 B5_5MHz

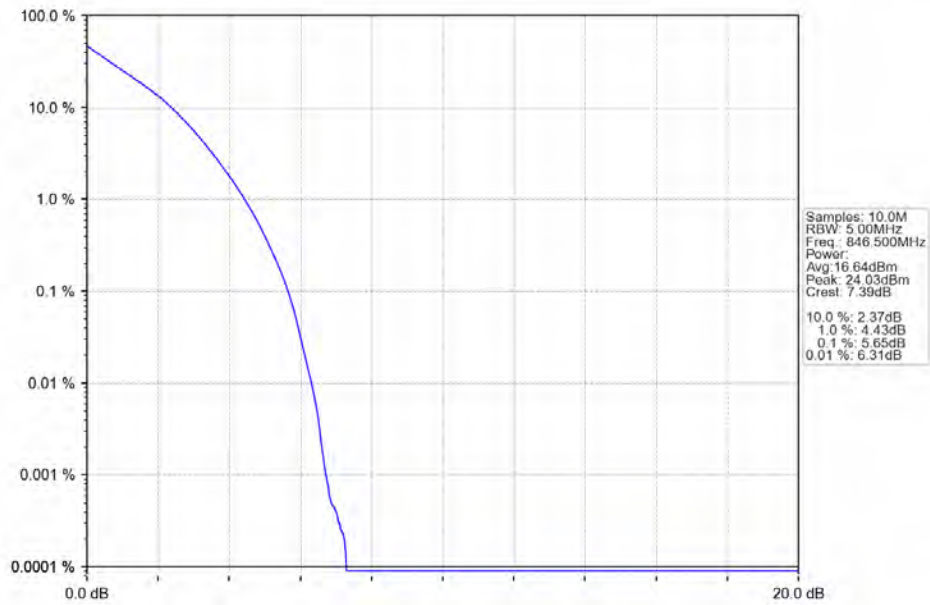
5.3.1 Test Result

Band: 5 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	826.5	25	0	5.28	<=13	Pass
	836.5	25	0	5.65	<=13	Pass
	846.5	25	0	5.65	<=13	Pass
16QAM	826.5	25	0	5.96	<=13	Pass
	836.5	25	0	6.38	<=13	Pass
	846.5	25	0	6.32	<=13	Pass

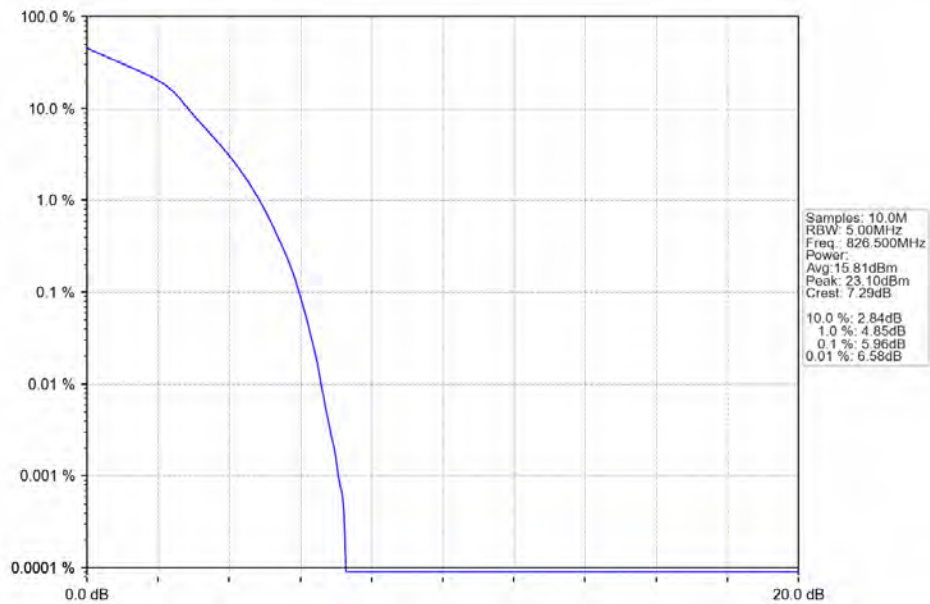
5.3.2 Test Graph



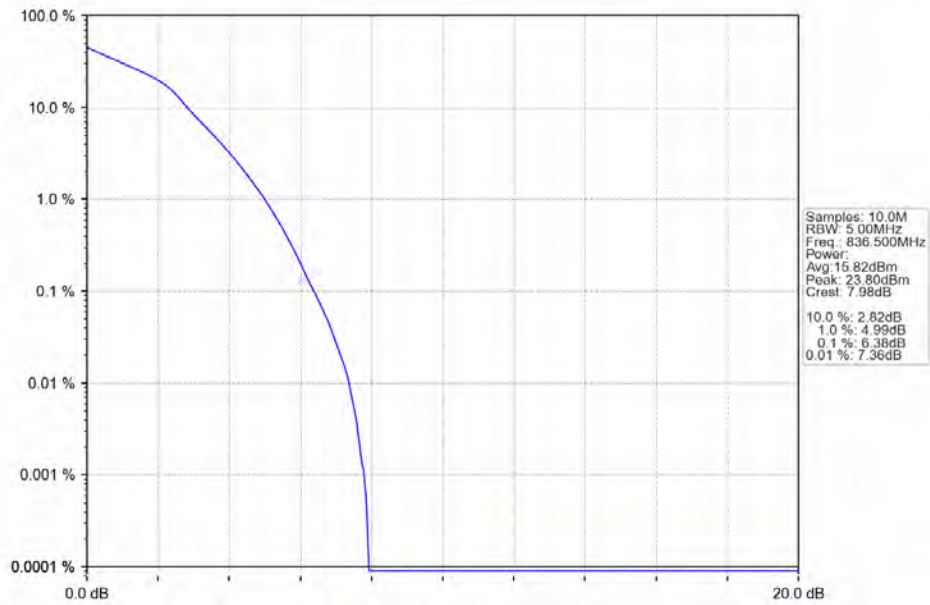
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



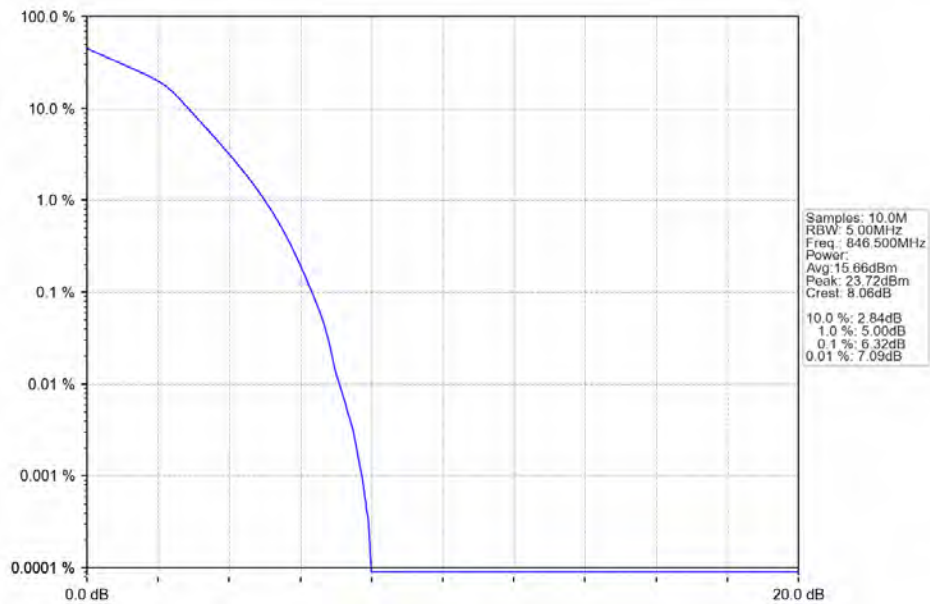
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV

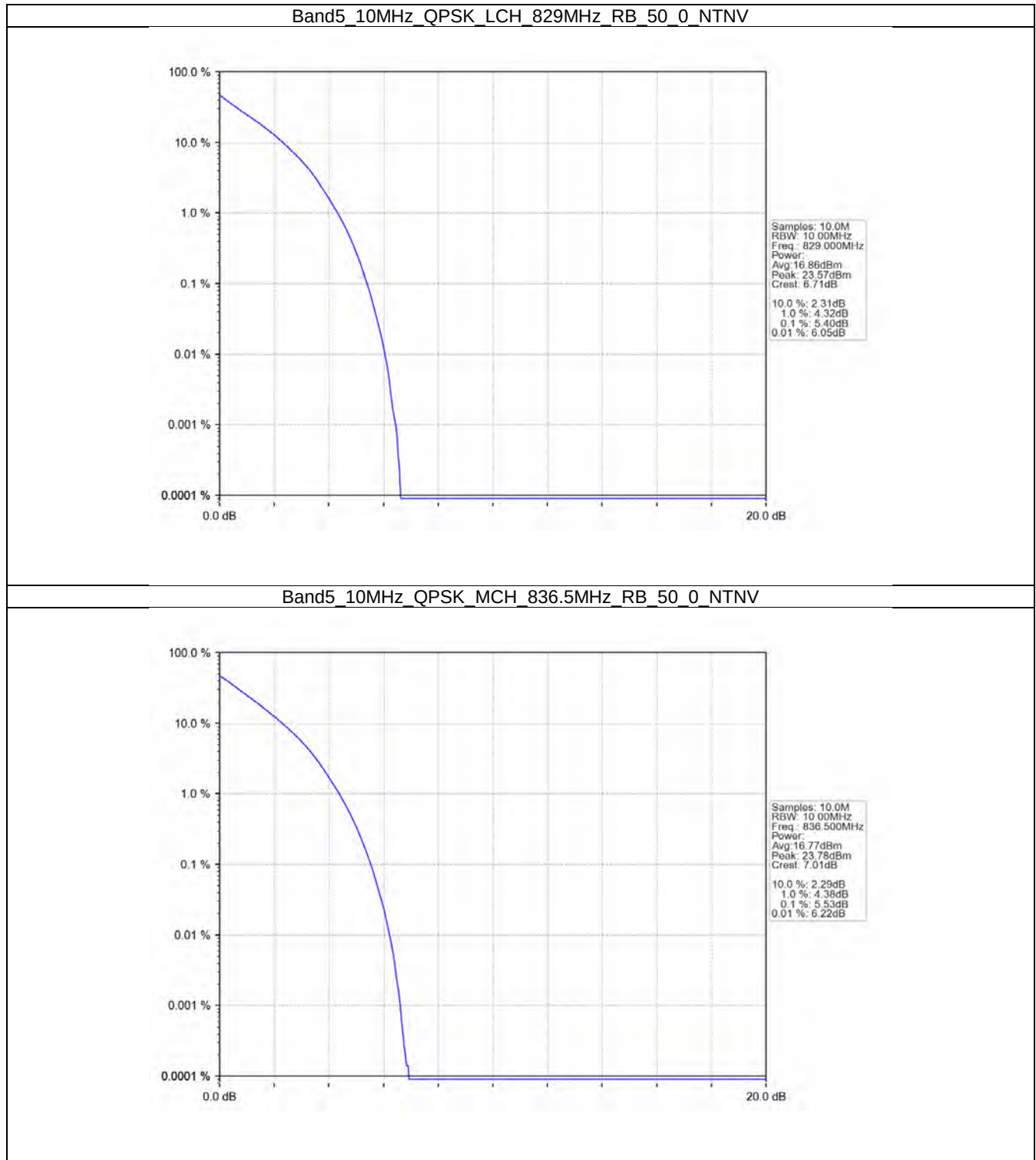


5.4 B5_10MHz

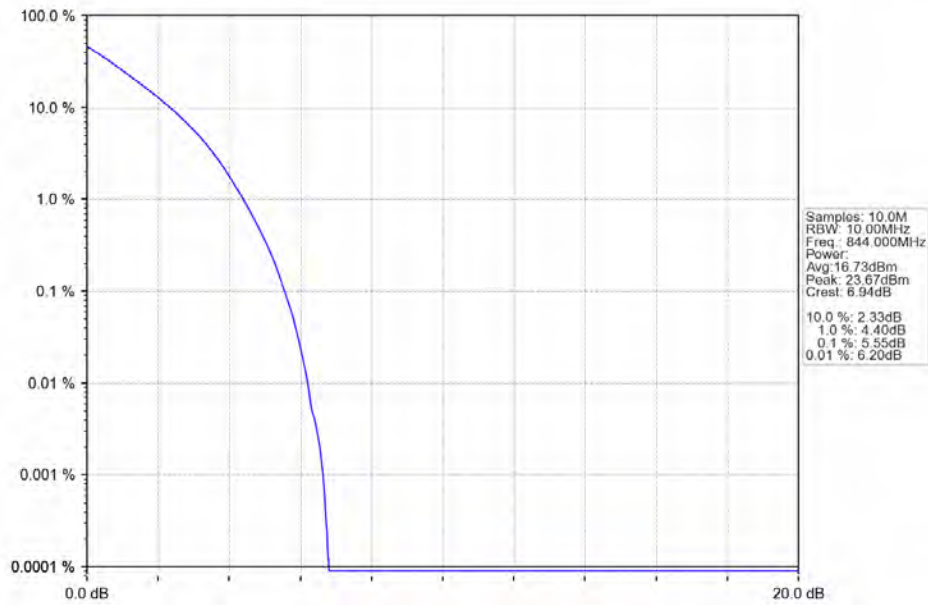
5.4.1 Test Result

Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	829	50	0	5.40	<=13	Pass
	836.5	50	0	5.53	<=13	Pass
	844	50	0	5.55	<=13	Pass
16QAM	829	50	0	6.11	<=13	Pass
	836.5	50	0	6.33	<=13	Pass
	844	50	0	6.29	<=13	Pass

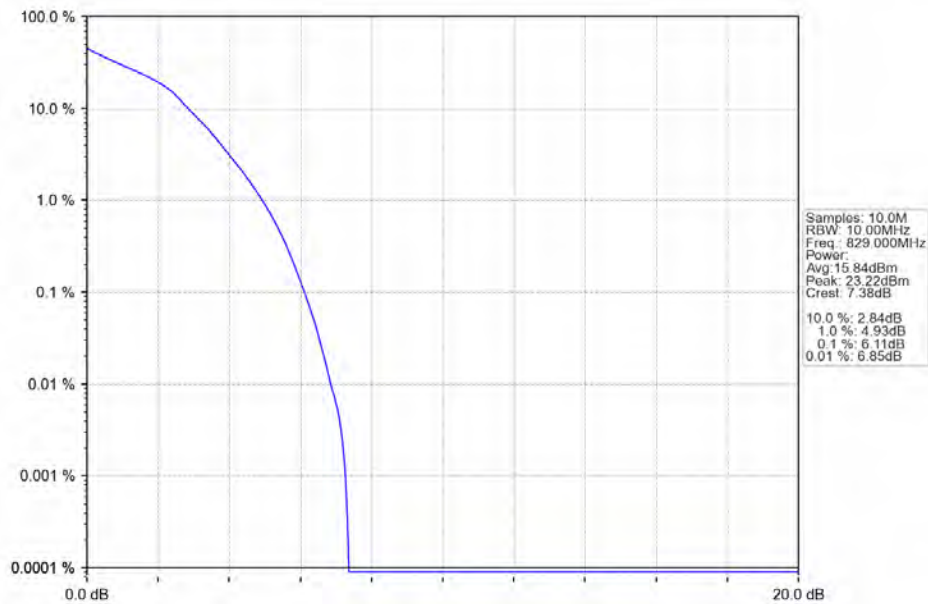
5.4.2 Test Graph



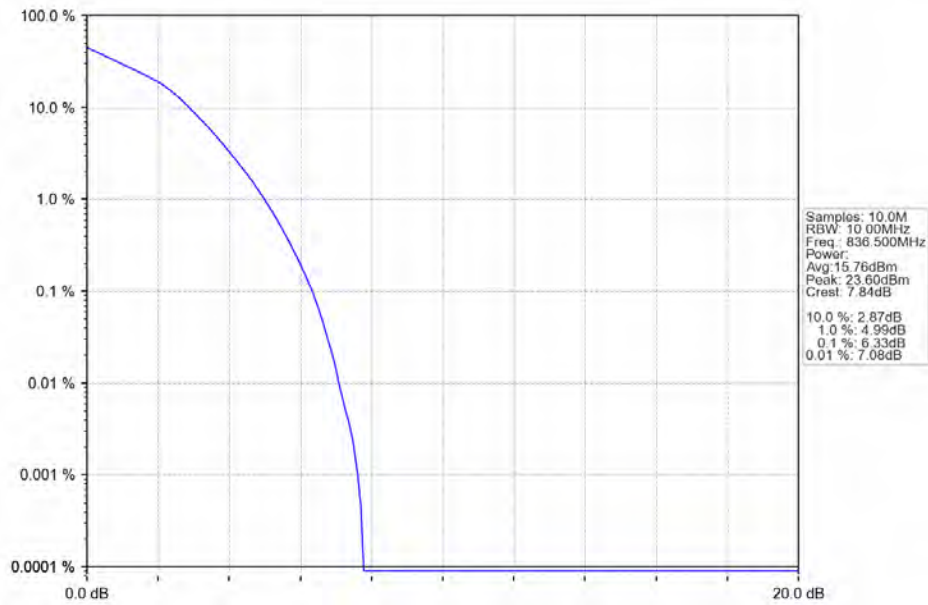
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



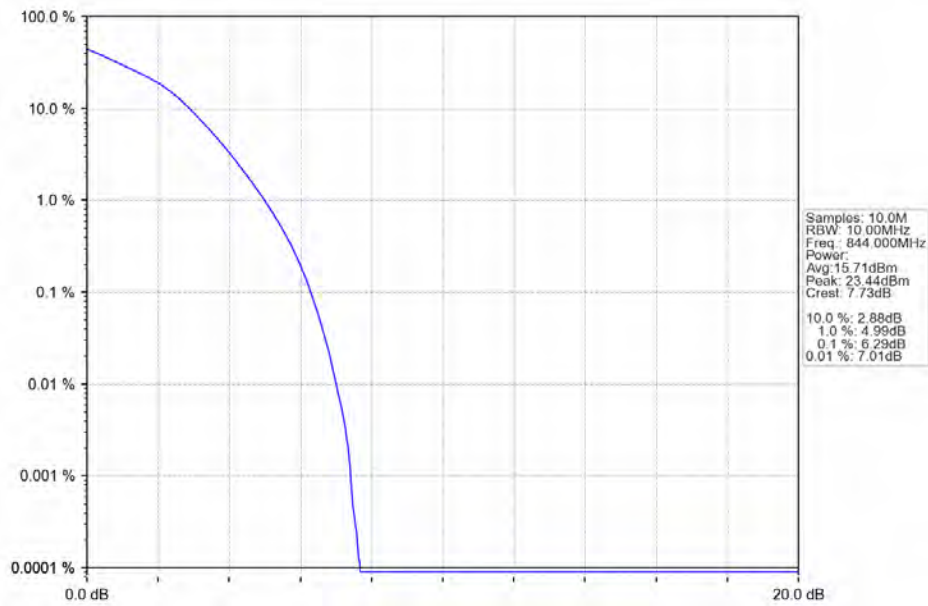
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



6. Spurious Emission

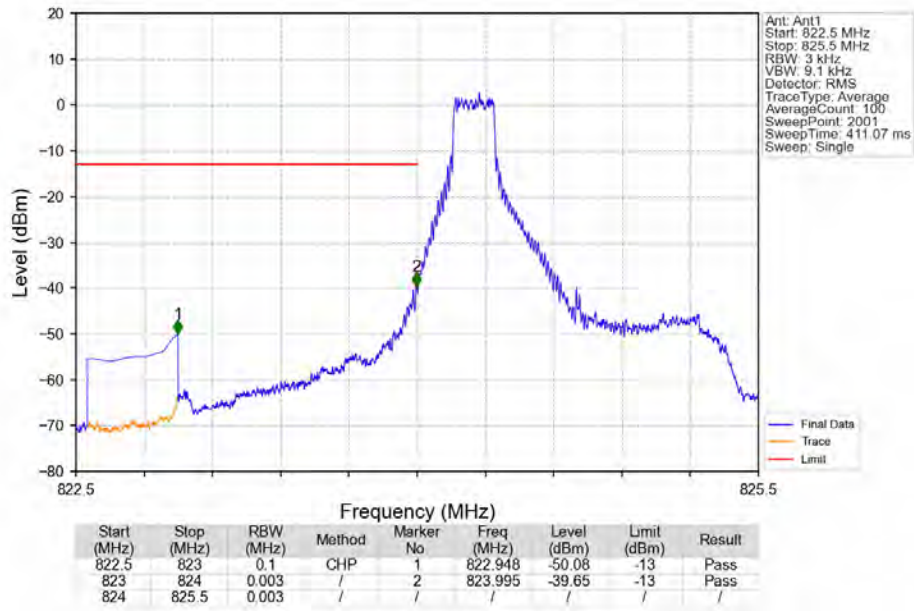
6.1 B5_1.4MHz

6.1.1 Test Result

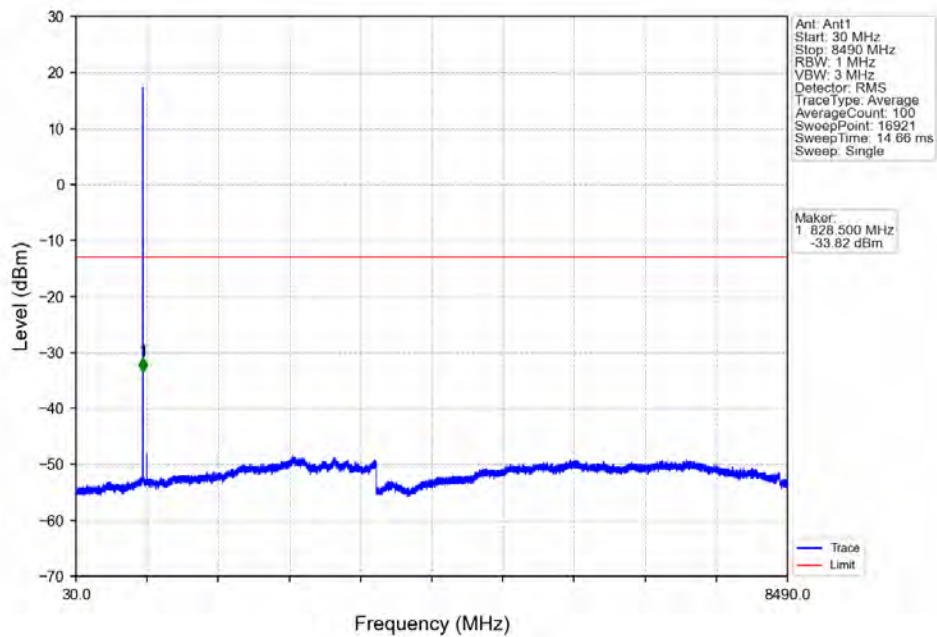
Band: 5 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	824.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph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

6.1.2 Test Graph

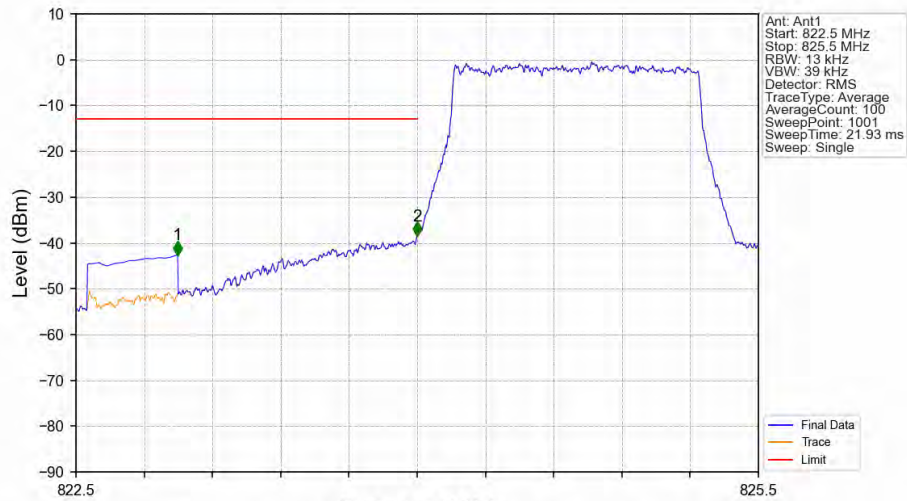
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV



Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV

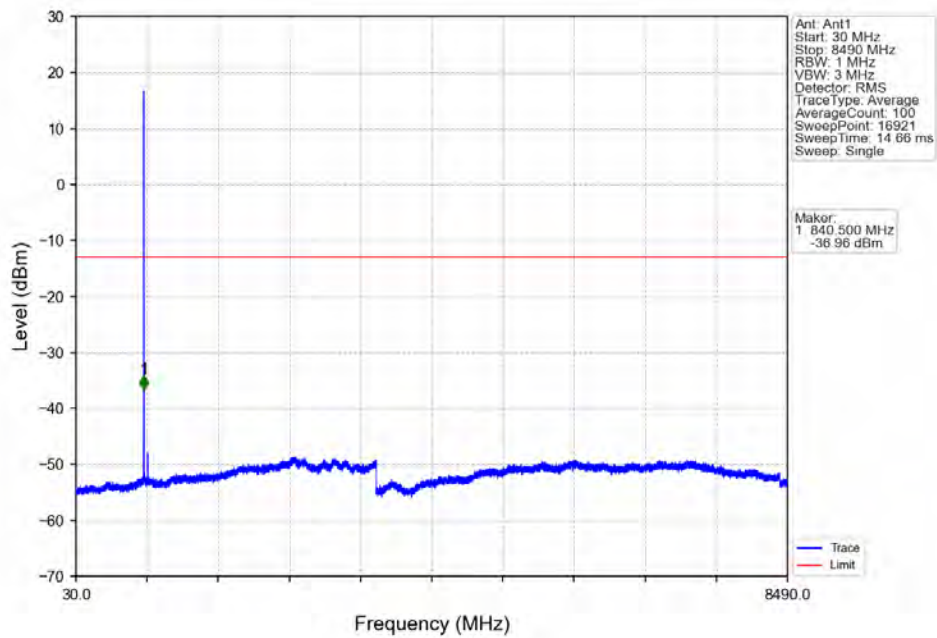


Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV

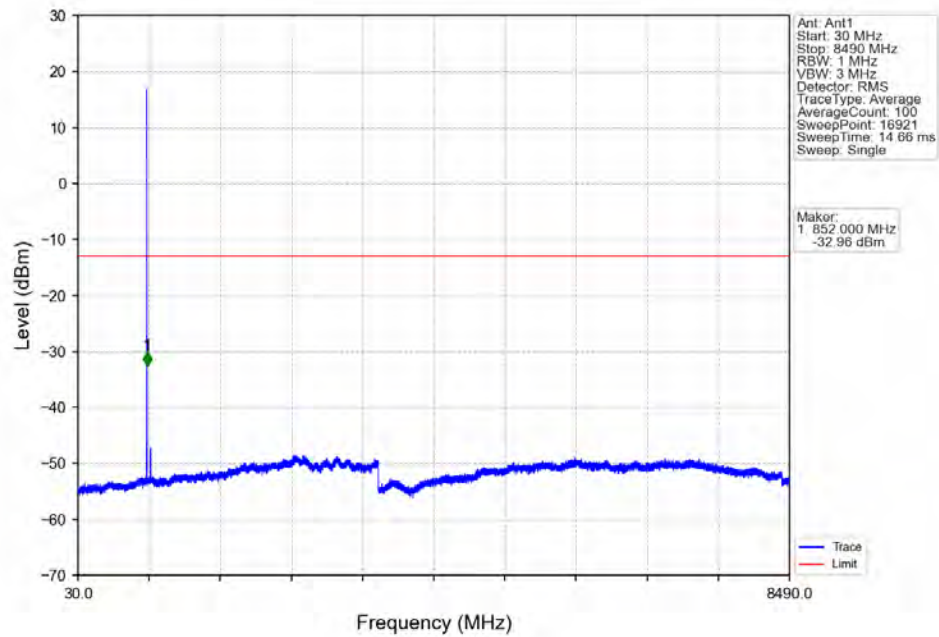


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	823	0.1	CHP	1	822.947	-42.67	-13	Pass
823	824	0.013	/	2	824.000	-38.45	-13	Pass
824	825.5	0.013	/	/	/	/	/	/

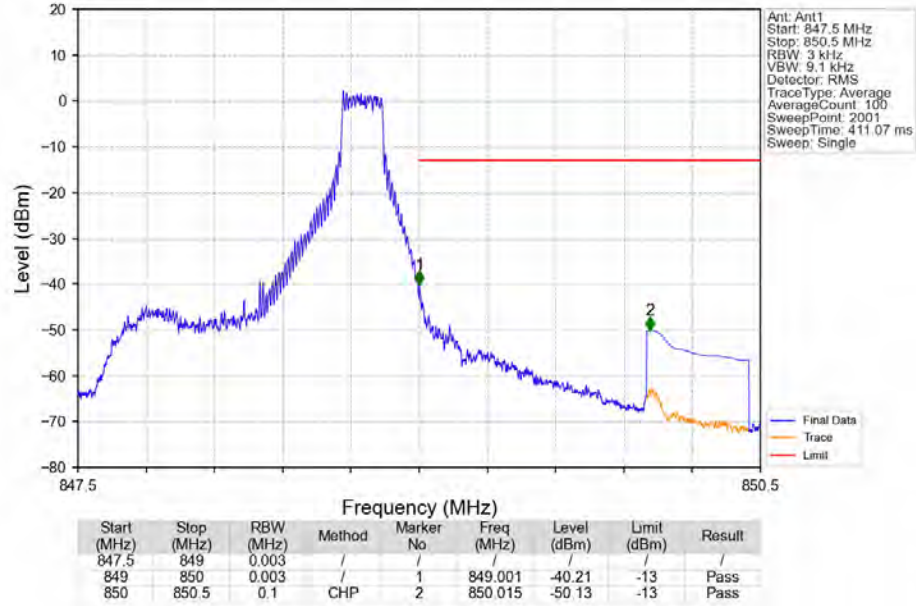
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



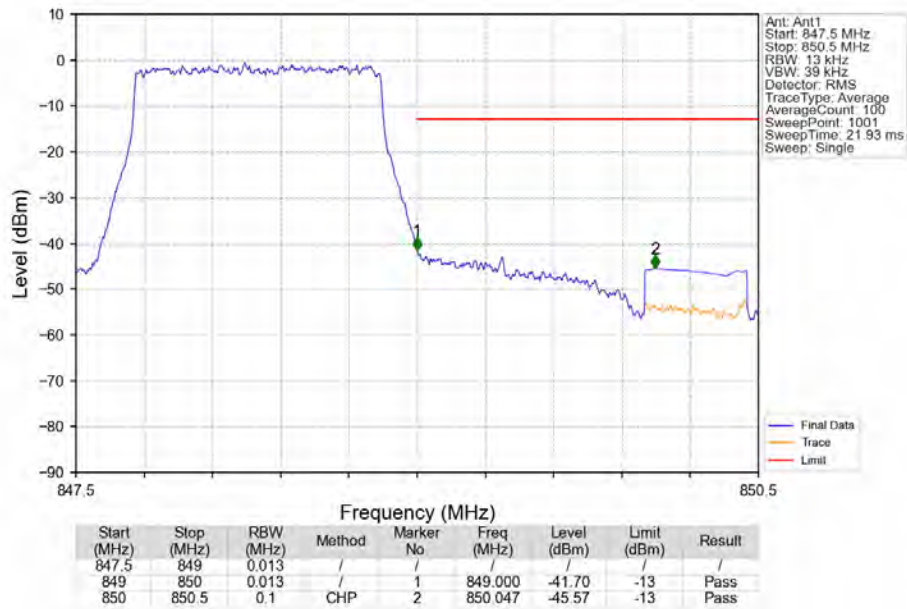
Band5 1.4MHz QPSK HCH 848.3MHz RB 1 0 NTNV



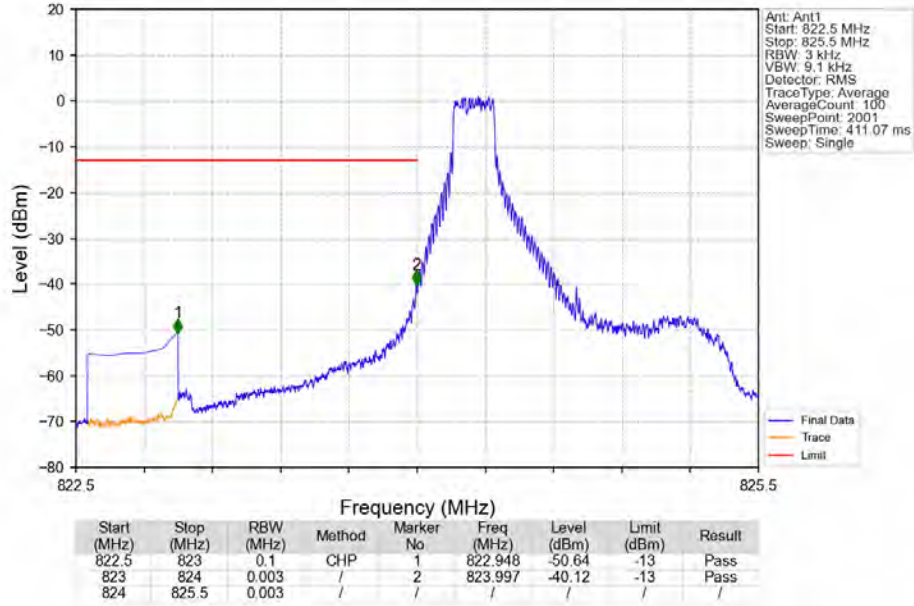
Band5 1.4MHz QPSK HCH 848.3MHz RB 1 5 NTNV



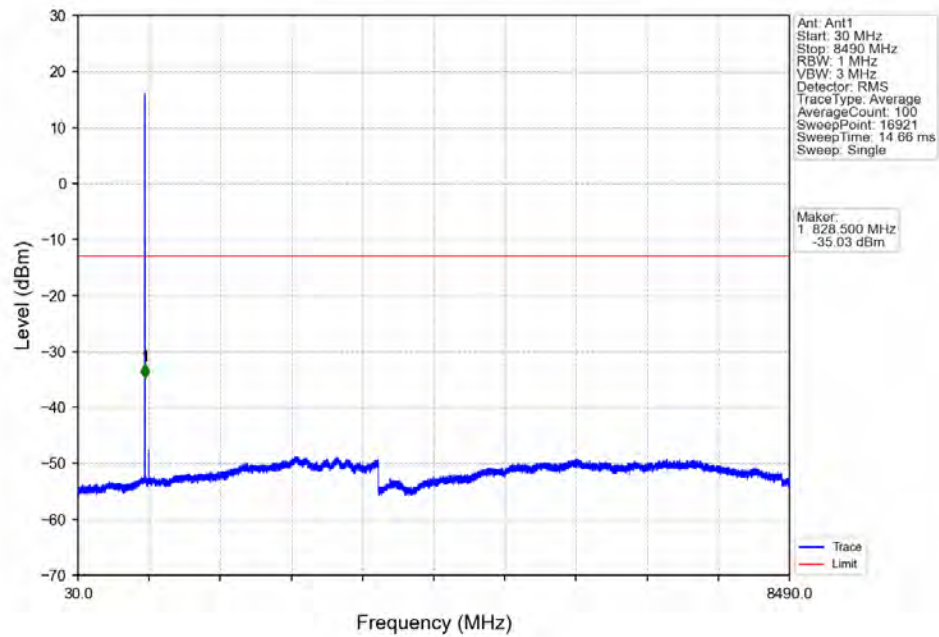
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



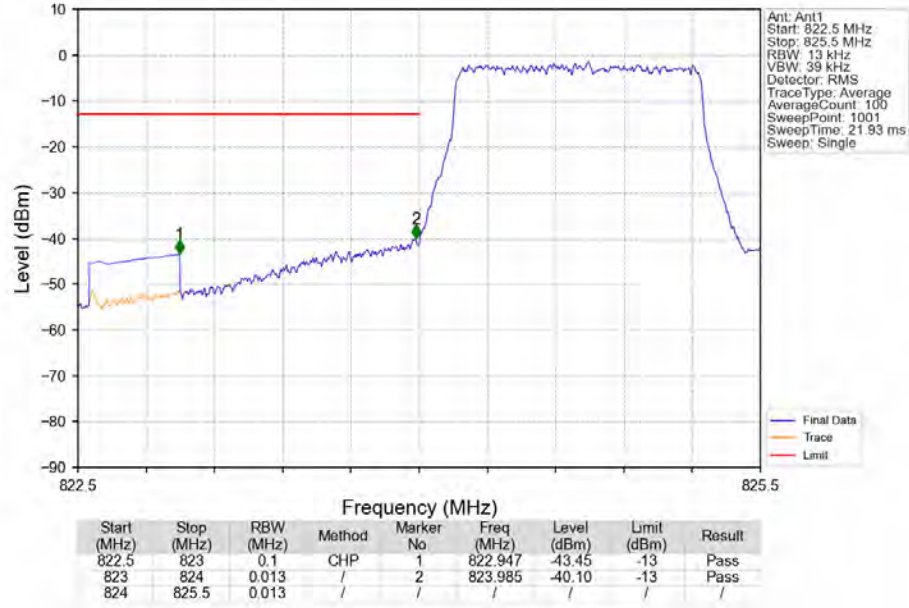
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_1_0_NTNV



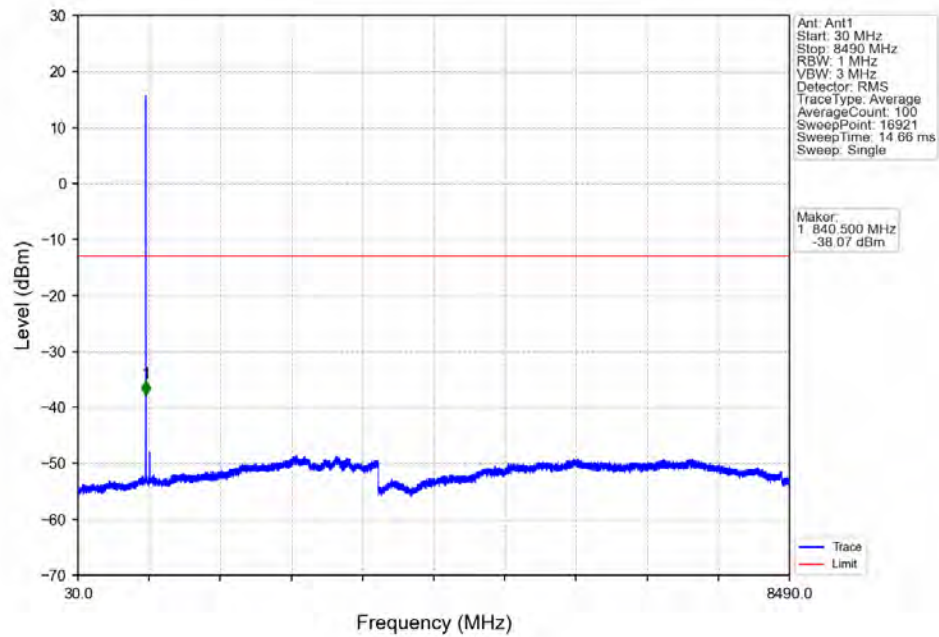
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_1_0_NTNV



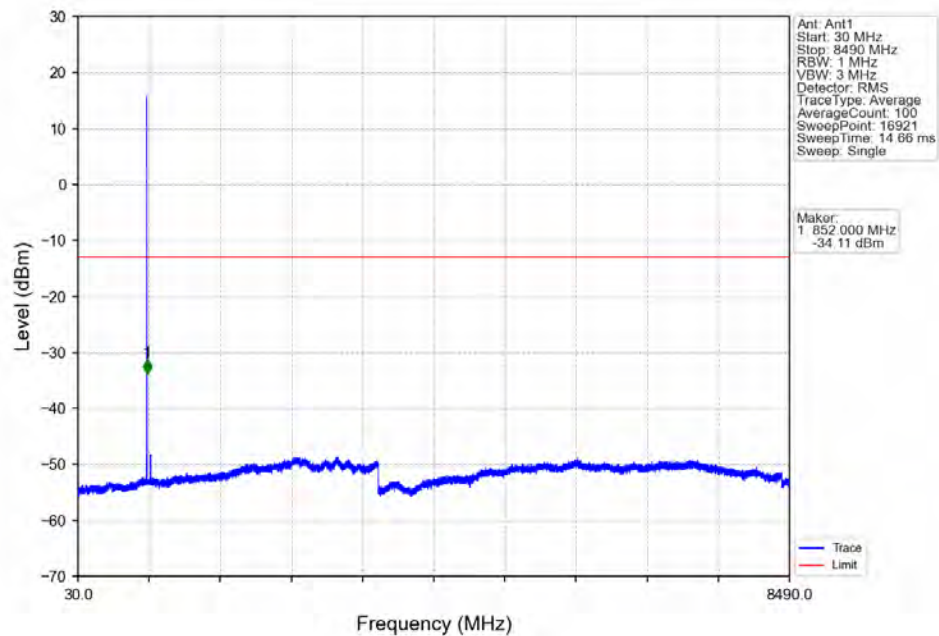
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



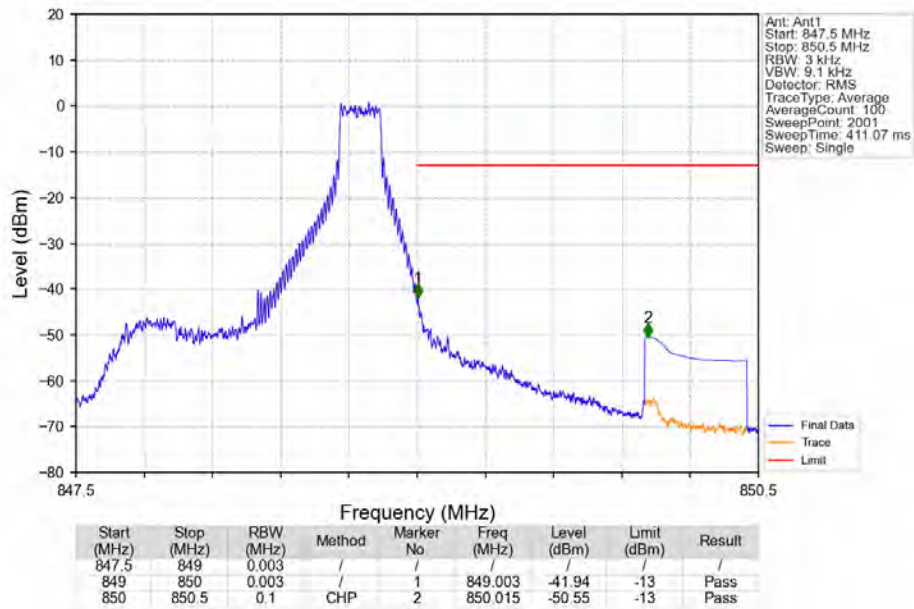
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



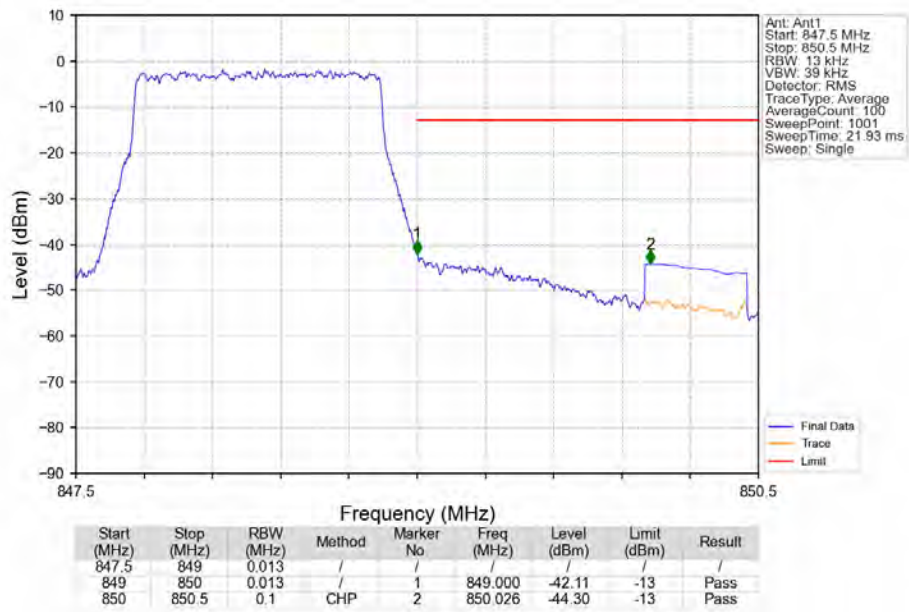
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_1_0_NTNV



Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_1_5_NTNV



Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



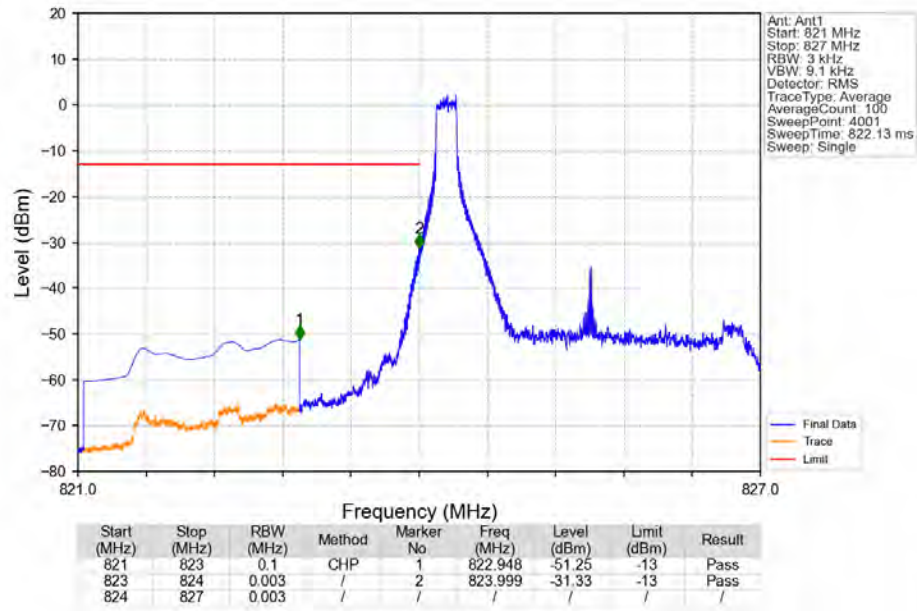
6.2 B5_3MHz

6.2.1 Test Result

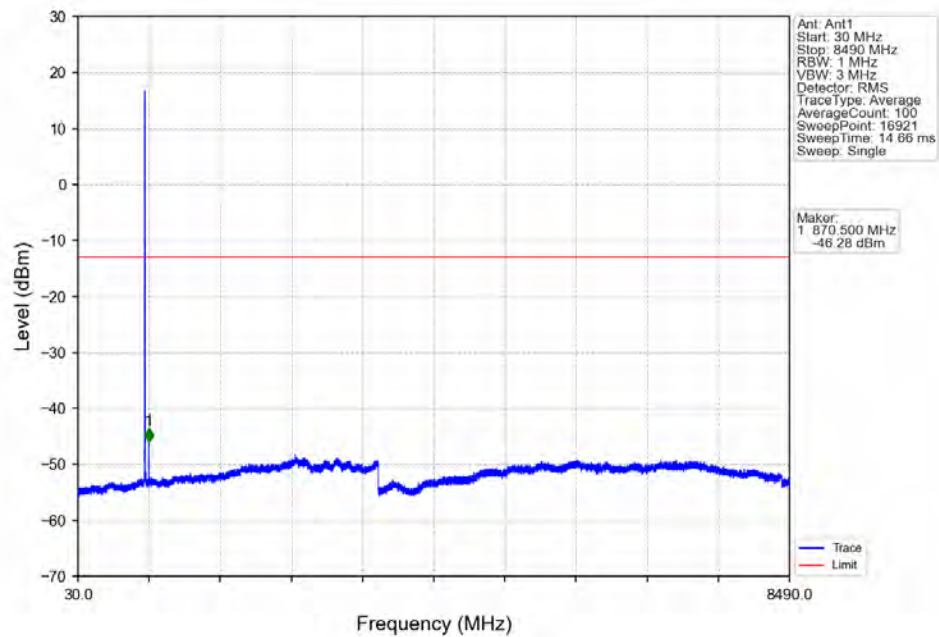
Band: 5 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	825.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	847.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test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

6.2.2 Test Graph

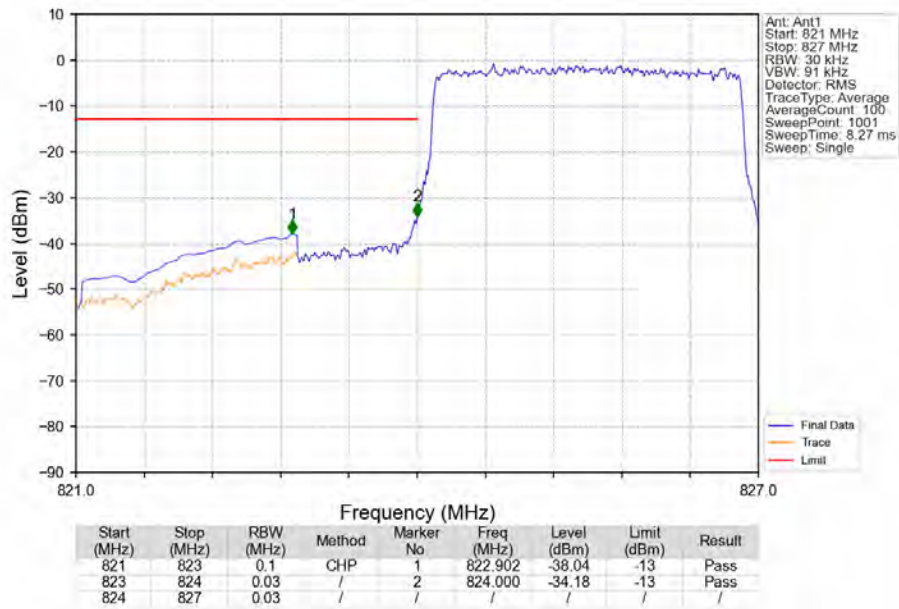
Band5_3MHz_QPSK_LCH_825.5MHz_RB_1_0_NTNV



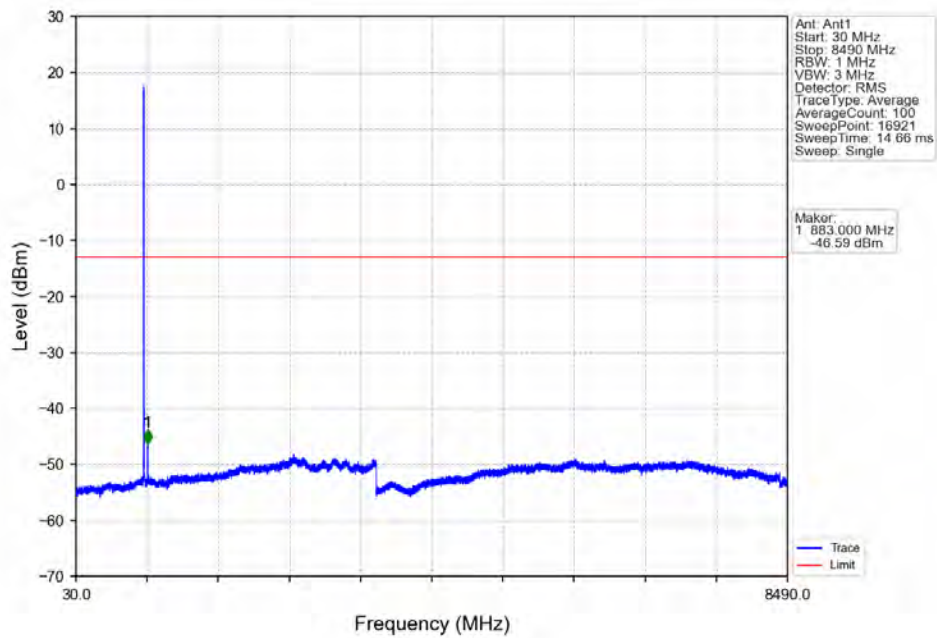
Band5_3MHz_QPSK_LCH_825.5MHz_RB_1_0_NTNV



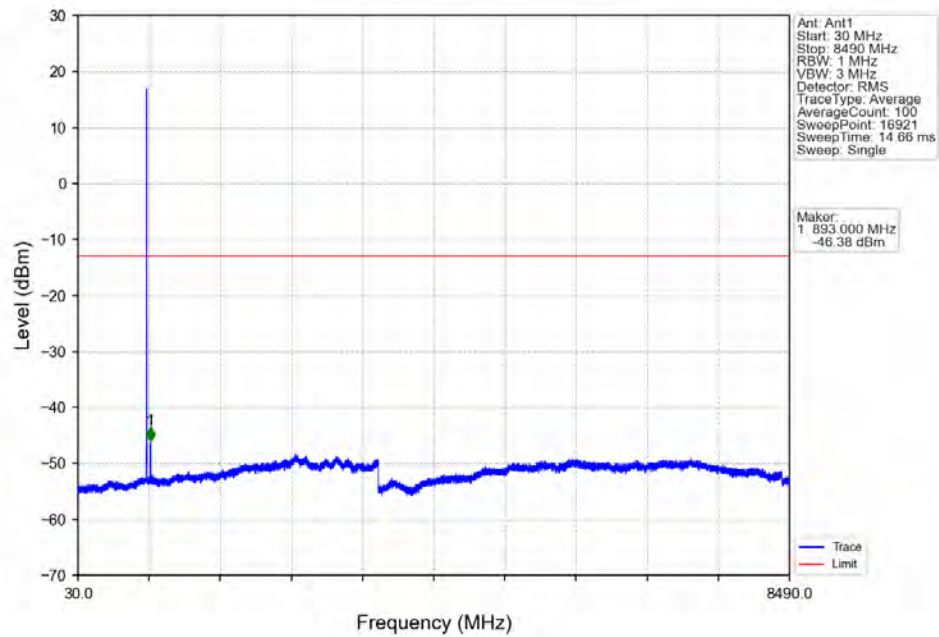
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



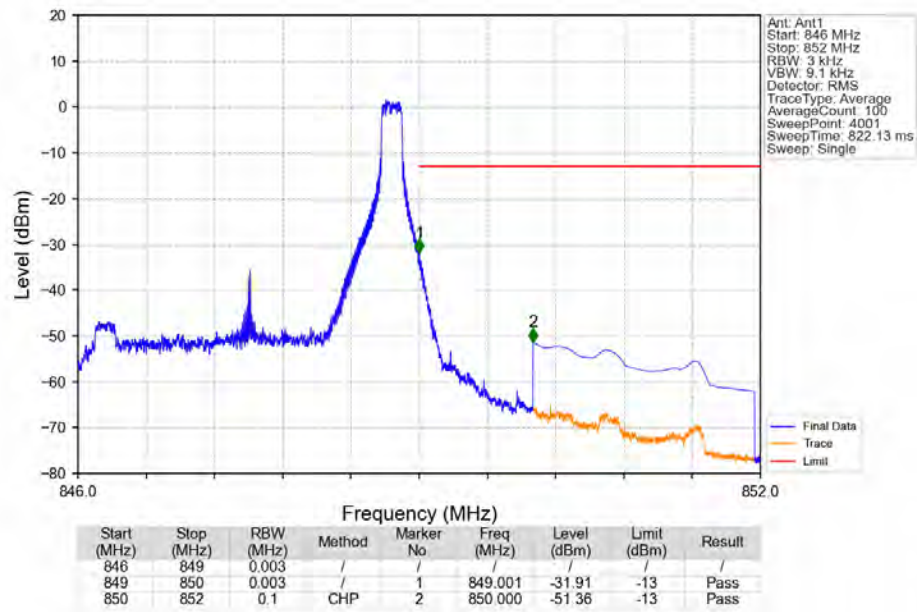
Band5_3MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



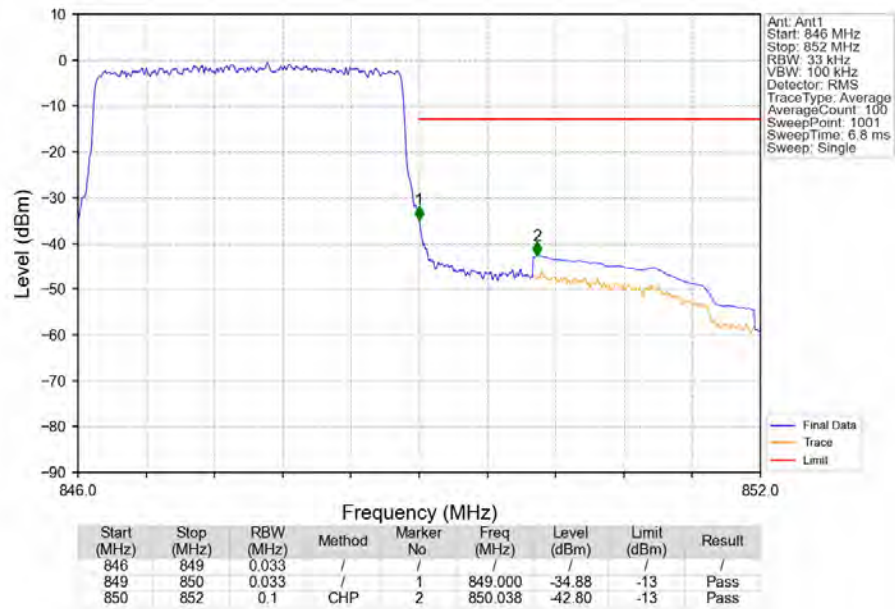
Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_0_NTNV



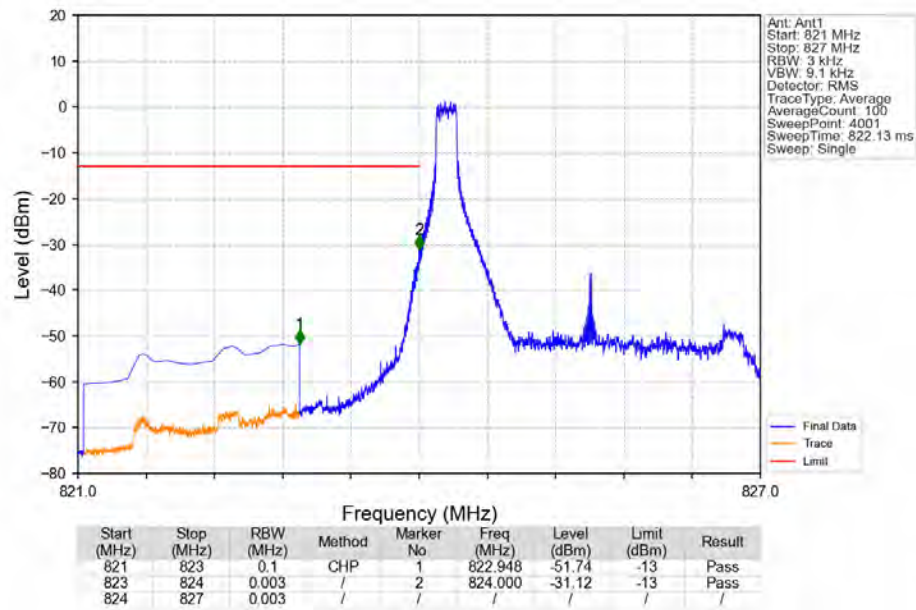
Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_14_NTNV



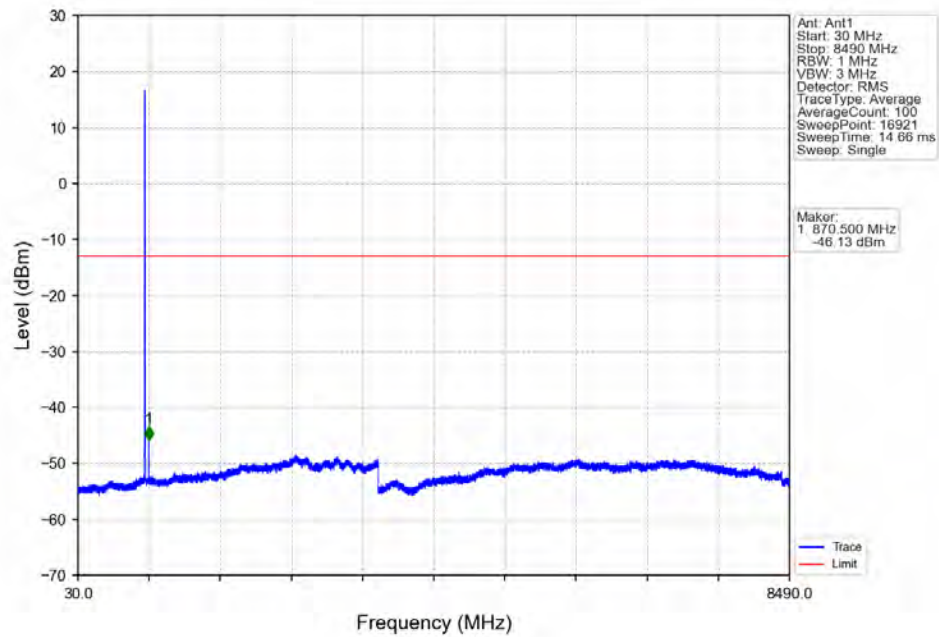
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



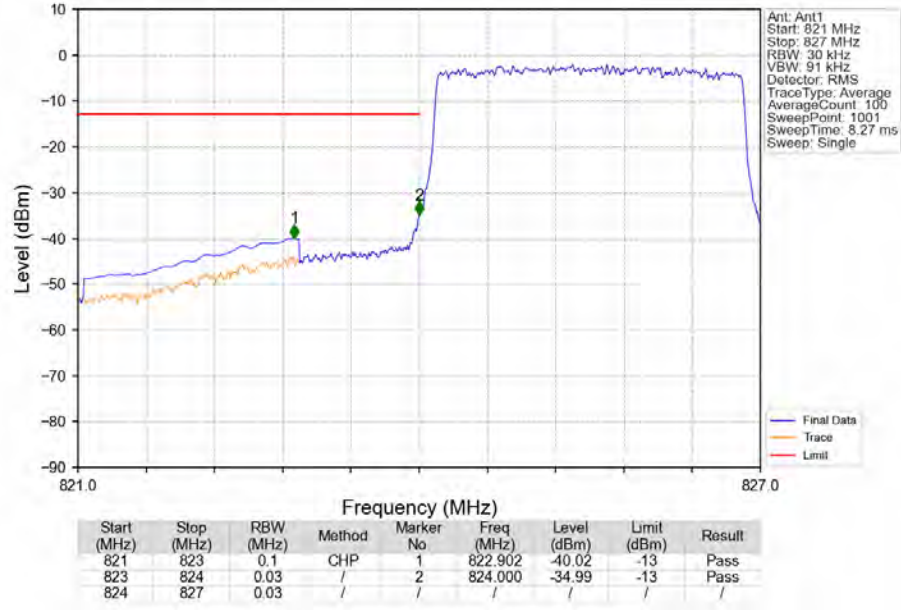
Band5_3MHz_16QAM_LCH_825.5MHz_RB_1_0_NTNV



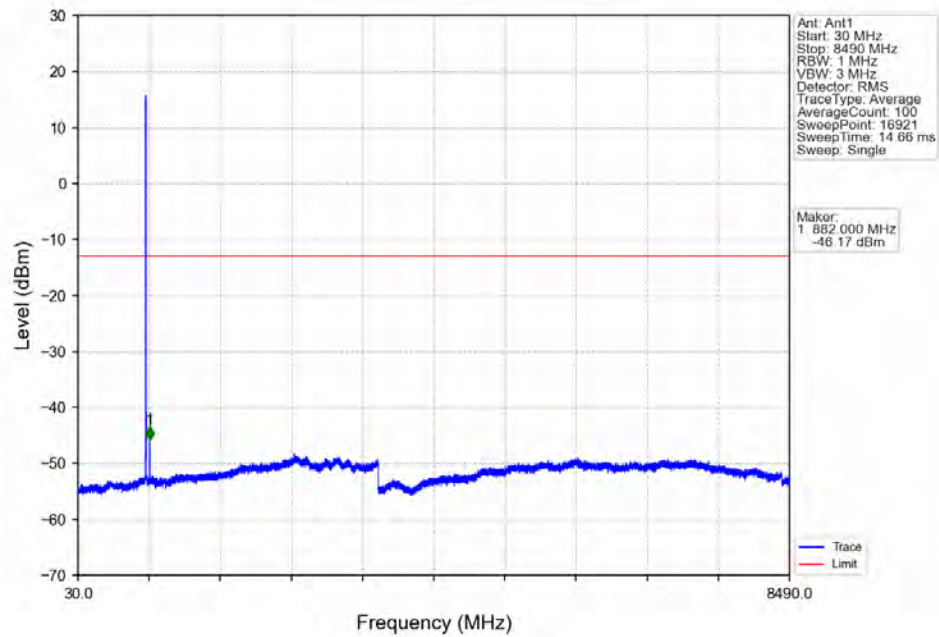
Band5_3MHz_16QAM_LCH_825.5MHz_RB_1_0_NTNV



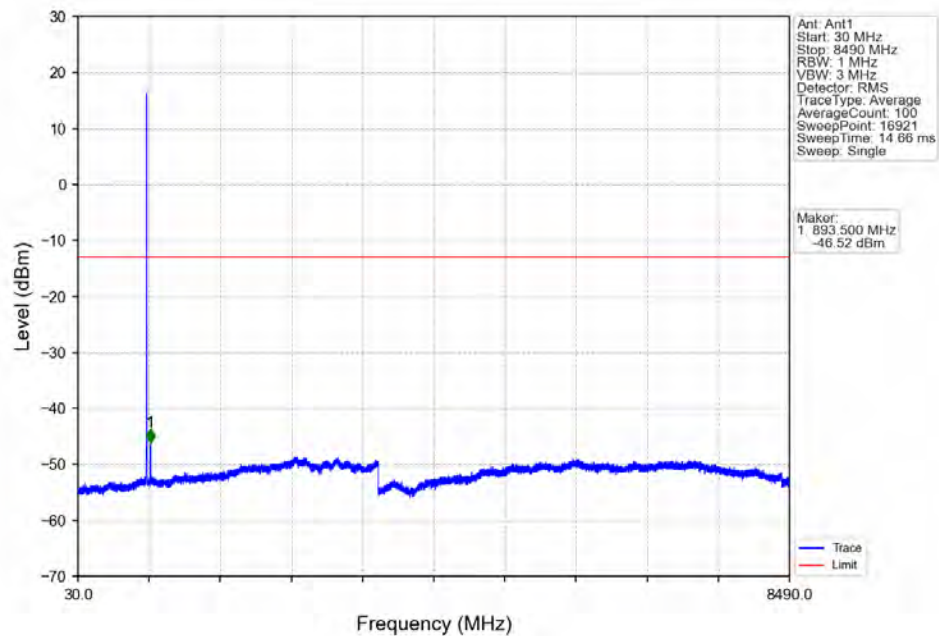
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



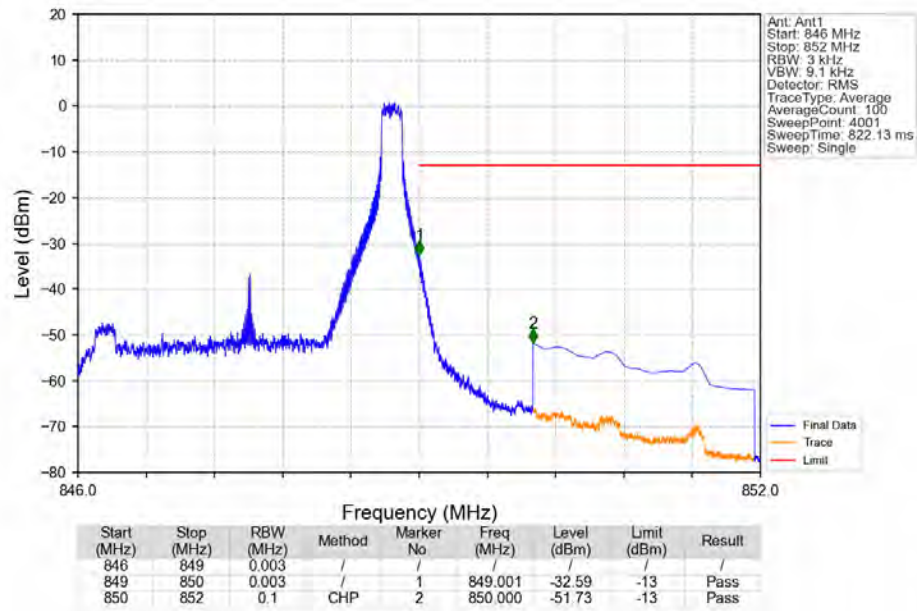
Band5_3MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



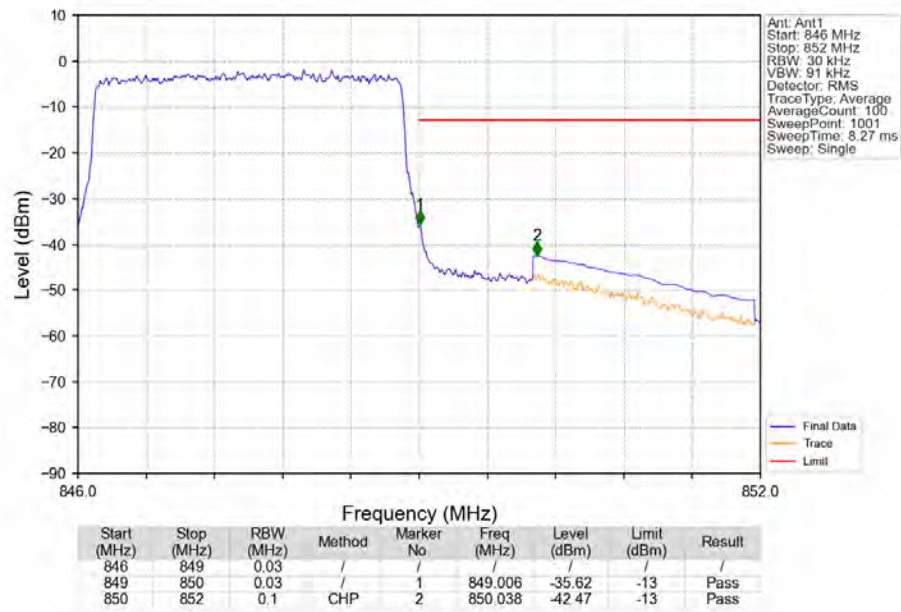
Band5_3MHz_16QAM_HCH_847.5MHz_RB_1_0_NTNV



Band5_3MHz_16QAM_HCH_847.5MHz_RB_1_14_NTNV



Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV

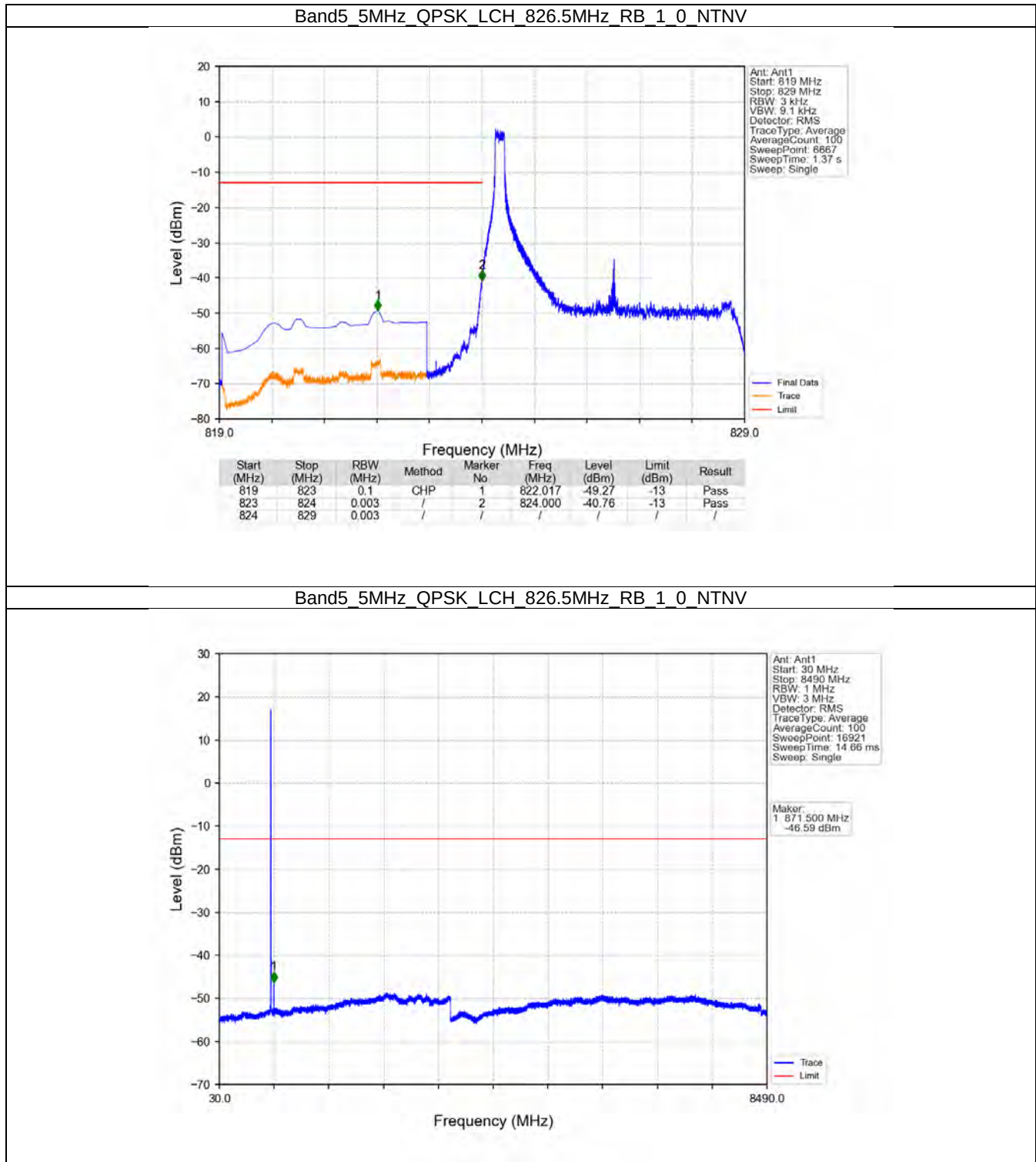


6.3 B5_5MHz

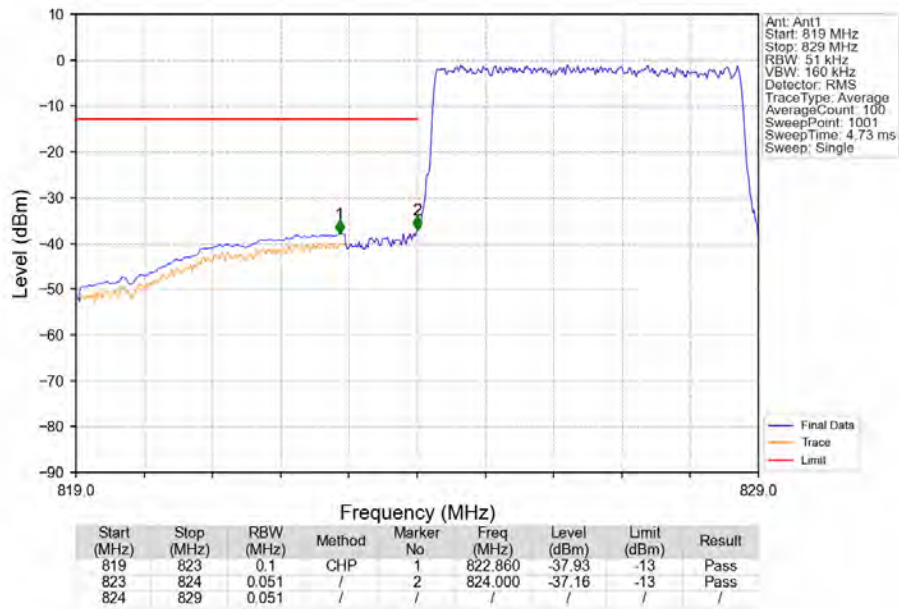
6.3.1 Test Result

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
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

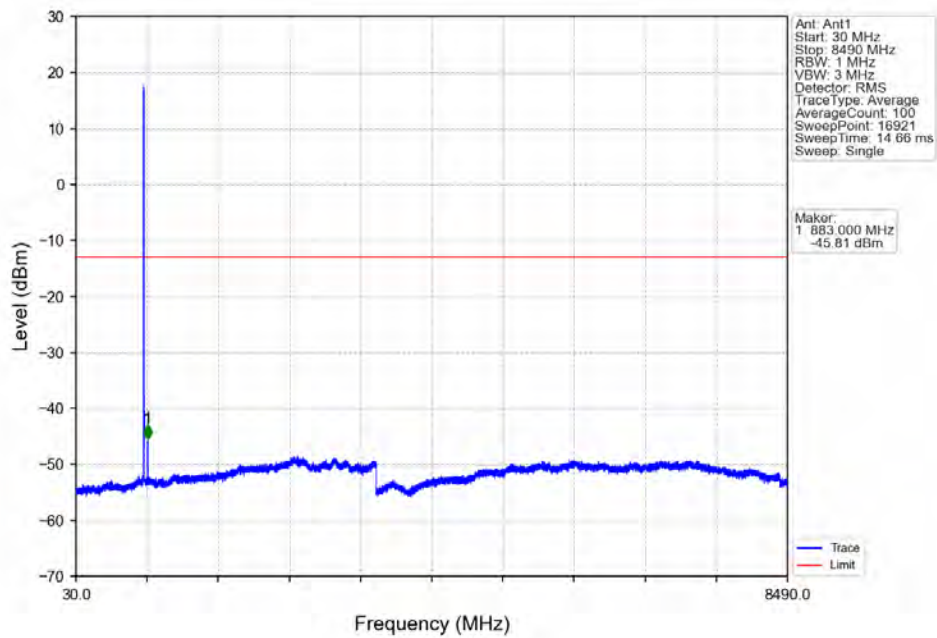
6.3.2 Test Graph



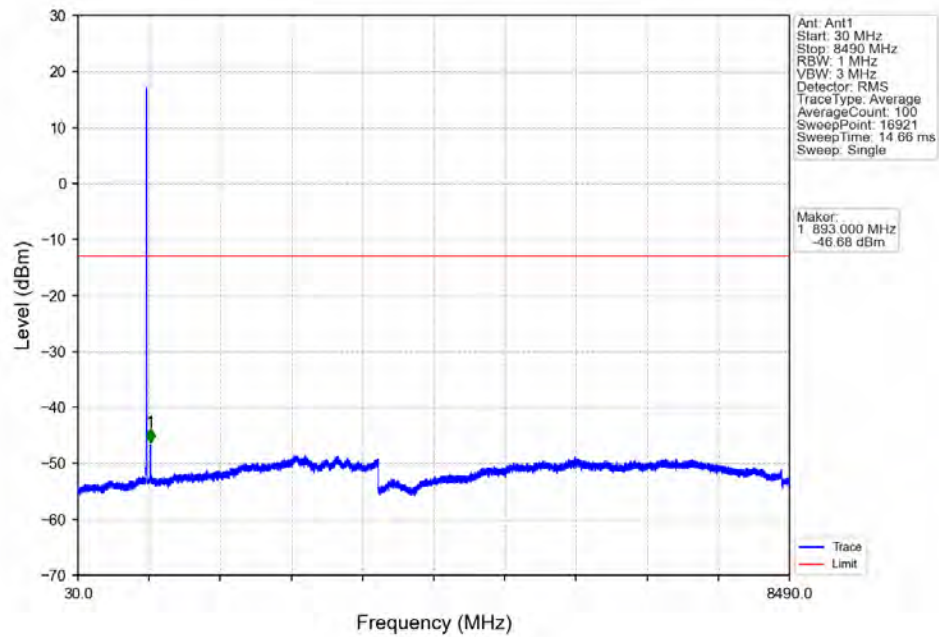
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



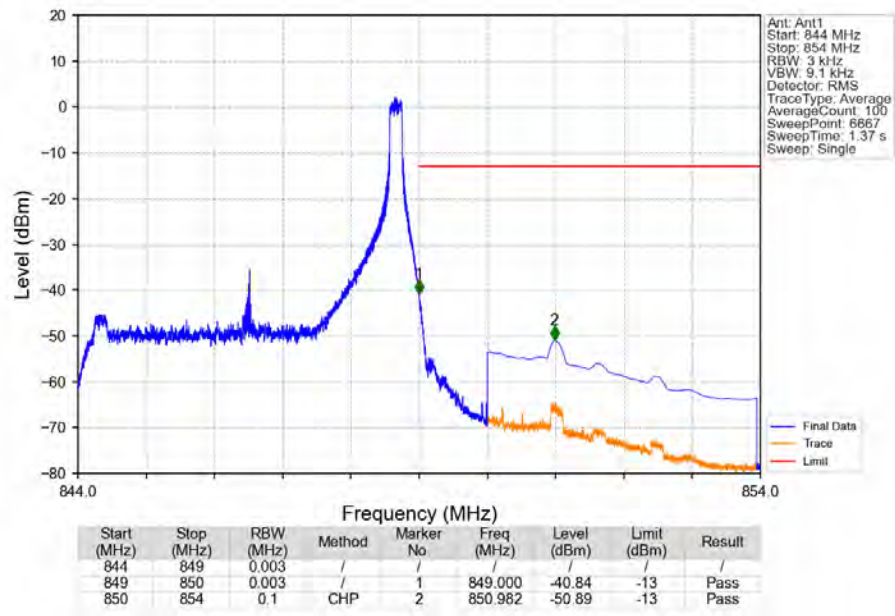
Band5_5MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



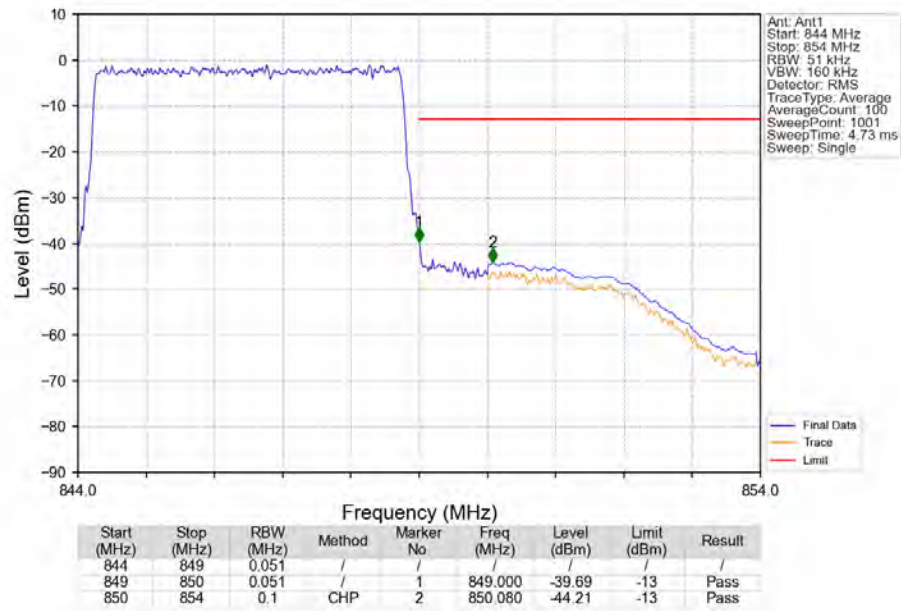
Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_0_NTNV



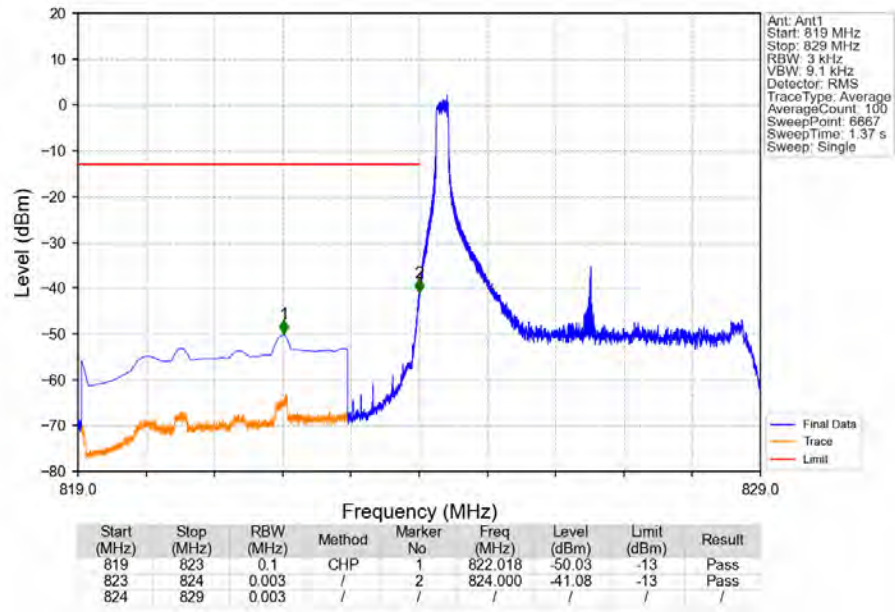
Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_24_NTNV



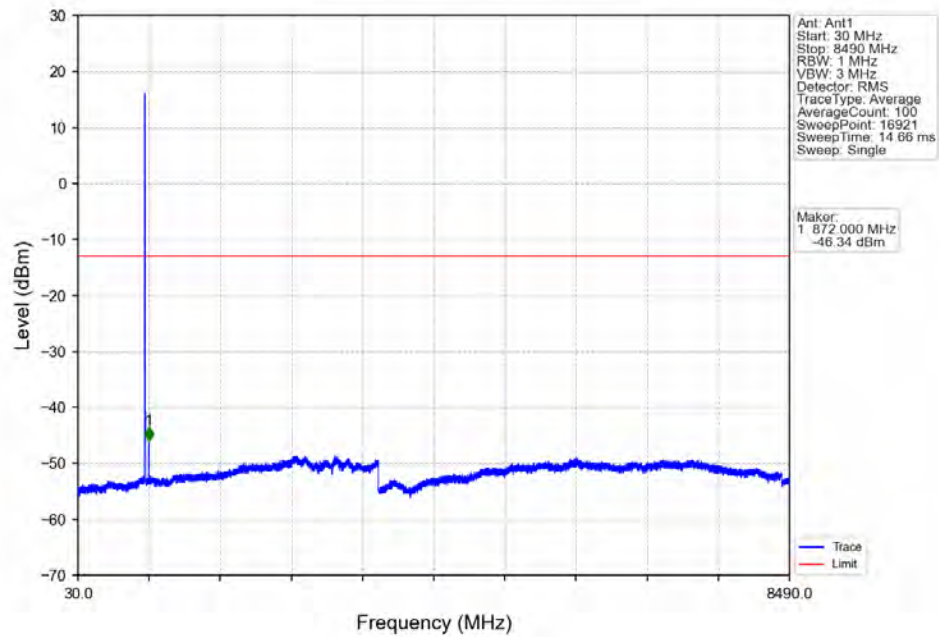
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



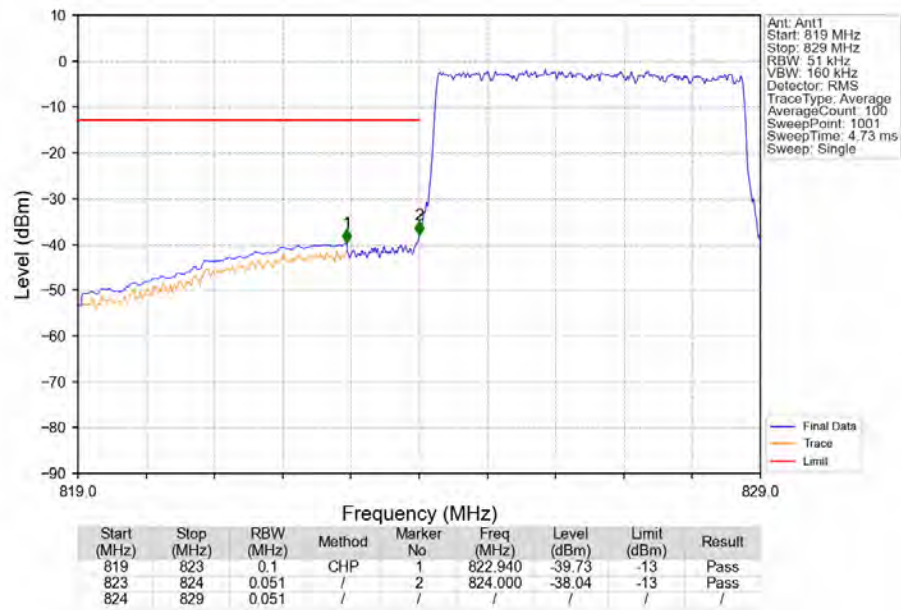
Band5_5MHz_16QAM_LCH_826.5MHz_RB_1_0_NTNV



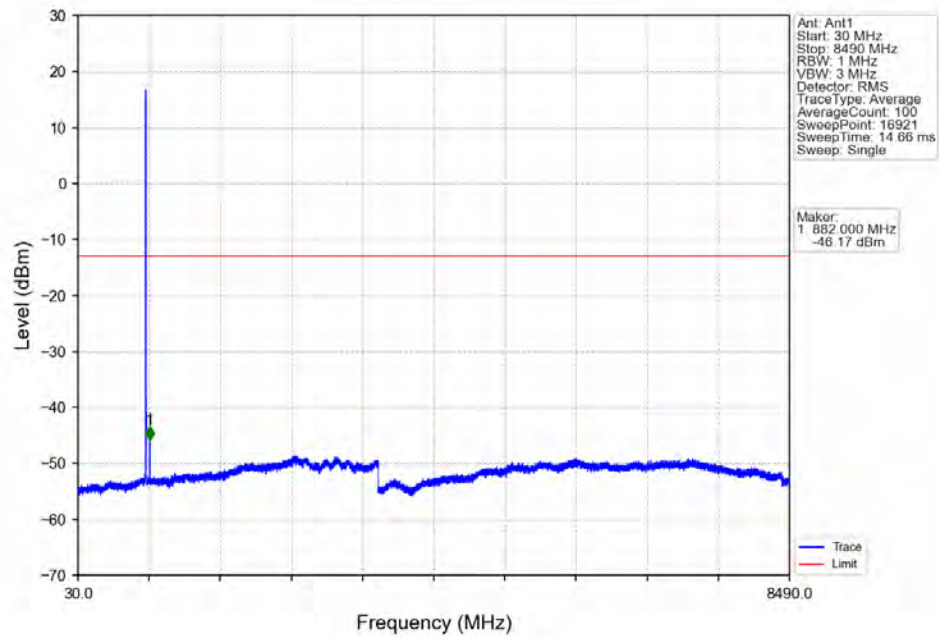
Band5_5MHz_16QAM_LCH_826.5MHz_RB_1_0_NTNV



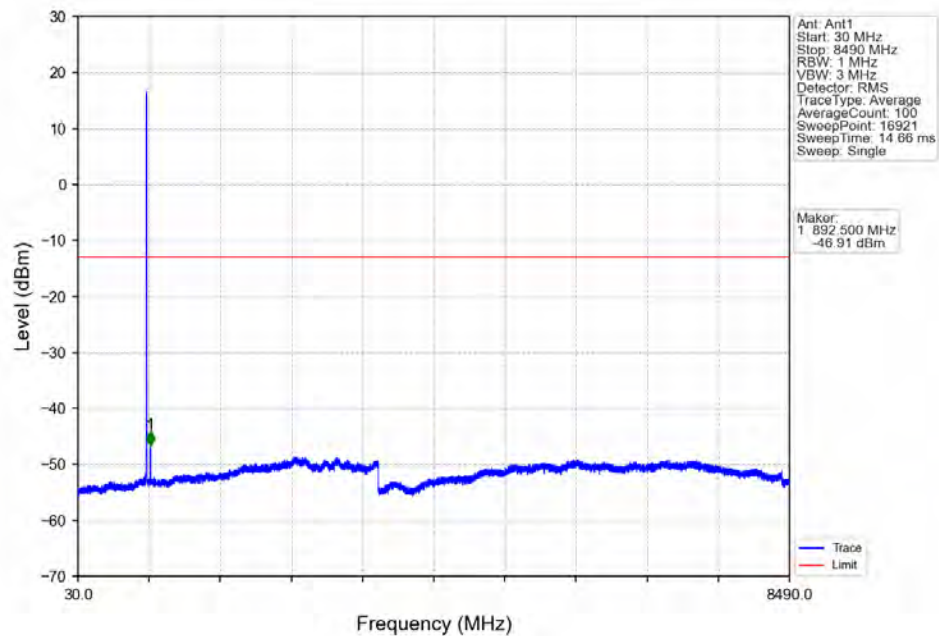
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



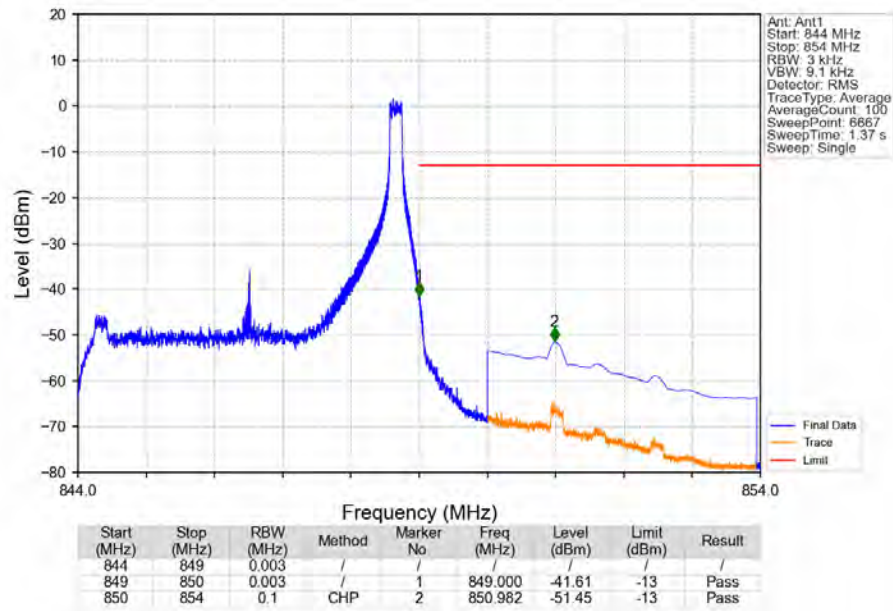
Band5_5MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



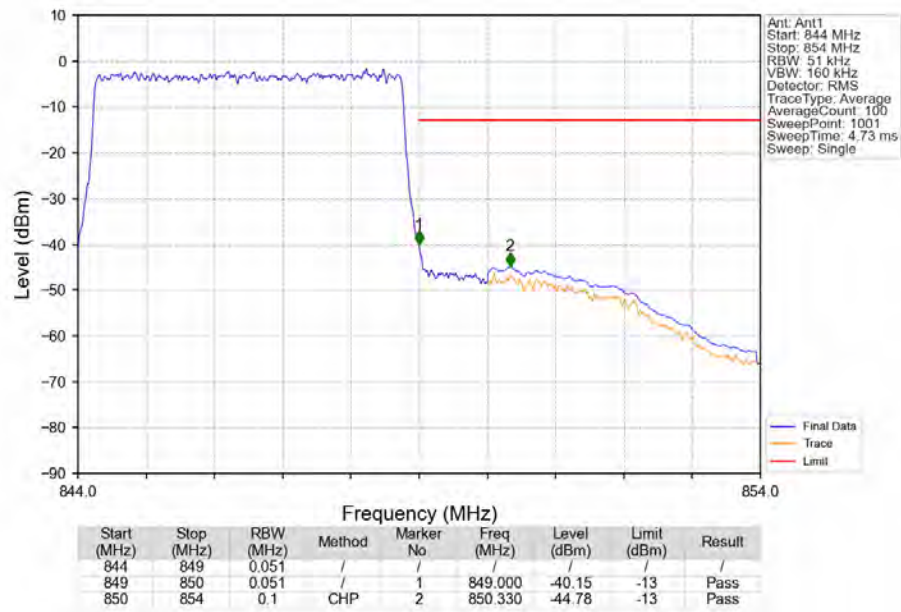
Band5_5MHz_16QAM_HCH_846.5MHz_RB_1_0_NTNV



Band5_5MHz_16QAM_HCH_846.5MHz_RB_1_24_NTNV



Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV

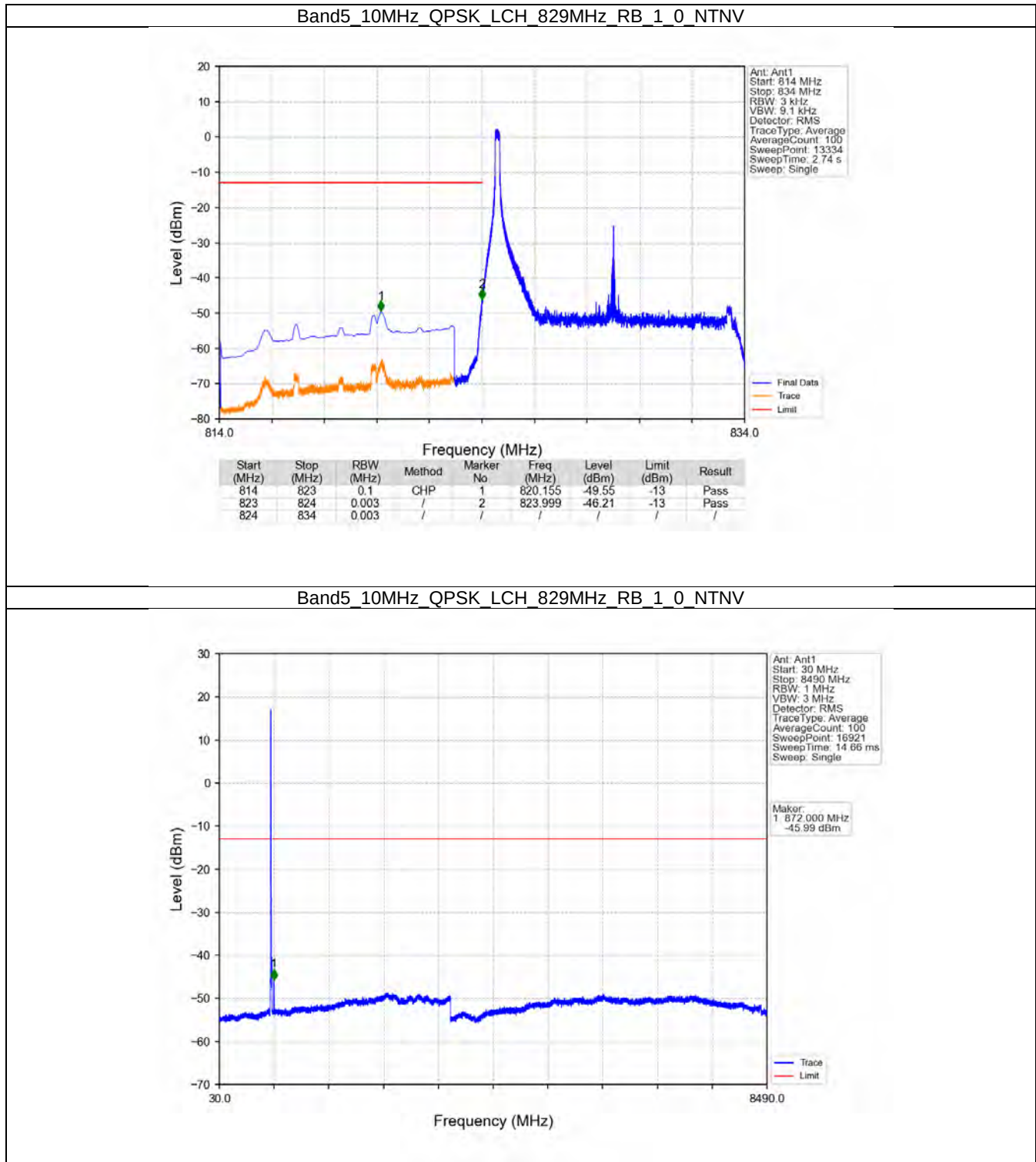


6.4 B5_10MHz

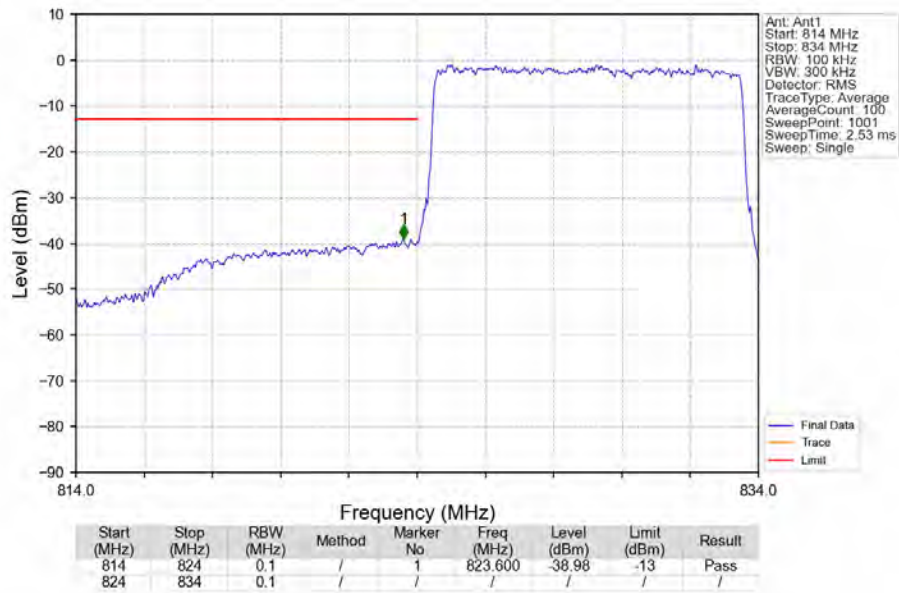
6.4.1 Test Result

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
16QAM	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

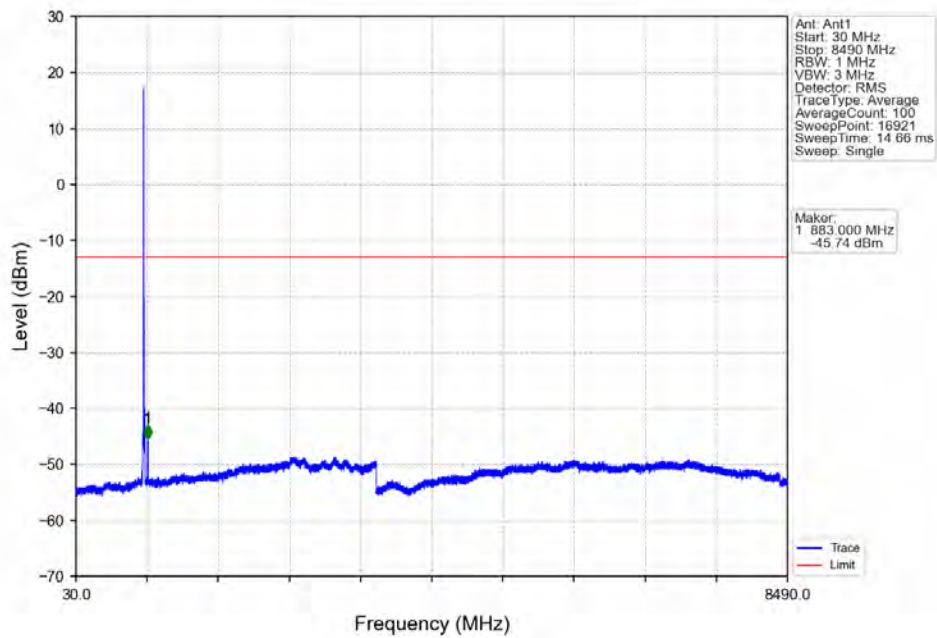
6.4.2 Test Graph



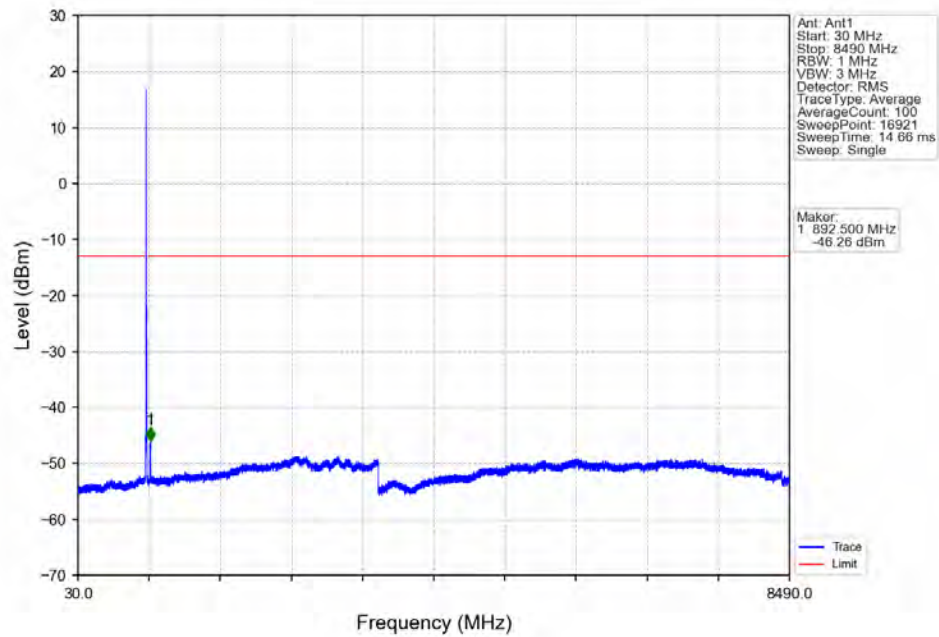
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



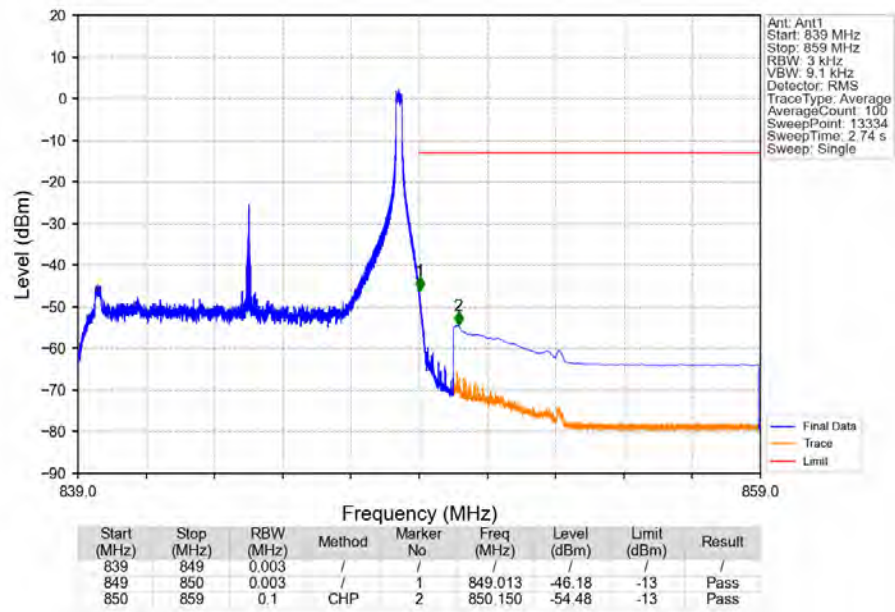
Band5_10MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



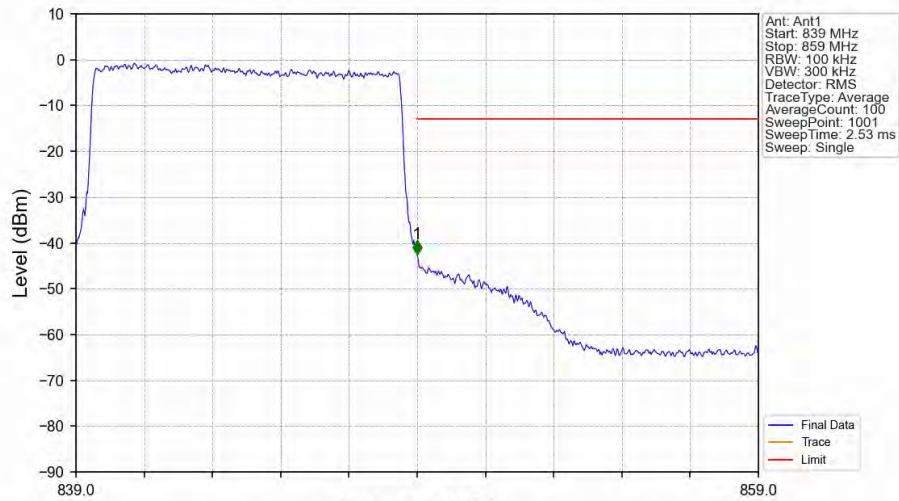
Band5_10MHz_QPSK_HCH_844MHz_RB_1_0_NTNV



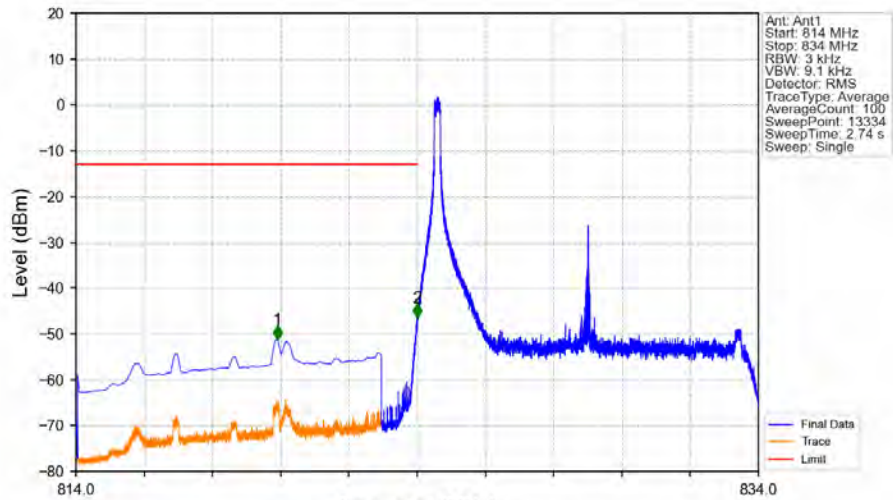
Band5_10MHz_QPSK_HCH_844MHz_RB_1_49_NTNV



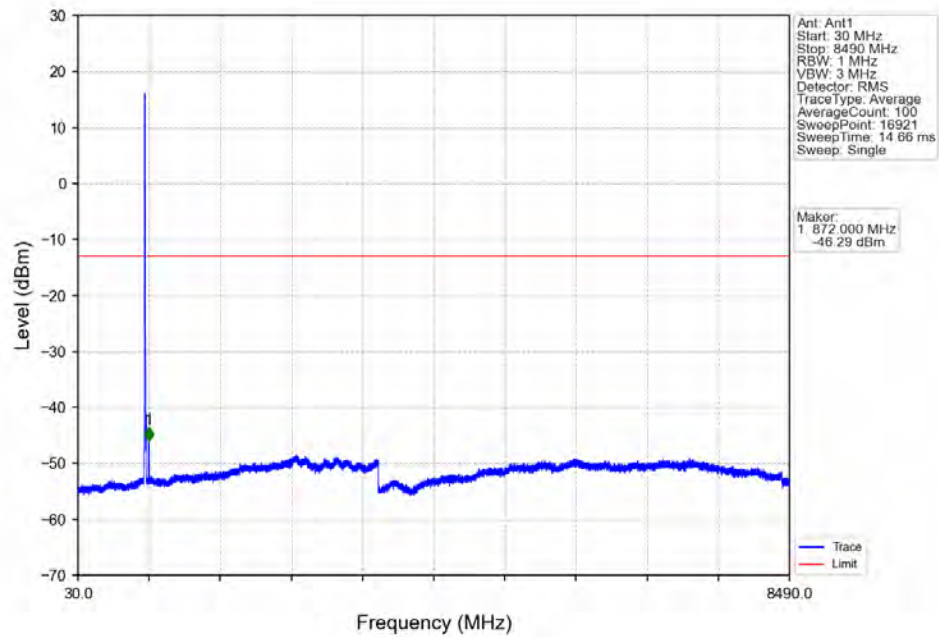
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



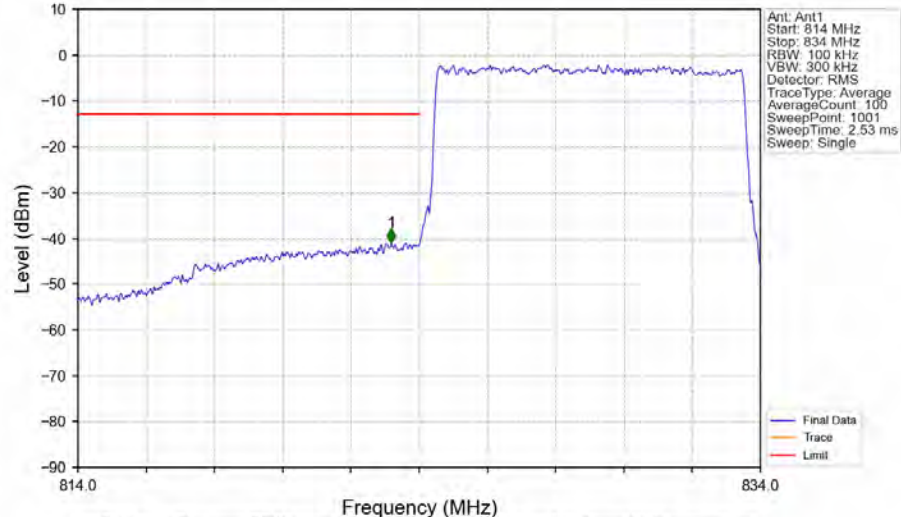
Band5_10MHz_16QAM_LCH_829MHz_RB_1_0_NTNV



Band5_10MHz_16QAM_LCH_829MHz_RB_1_0_NTNV

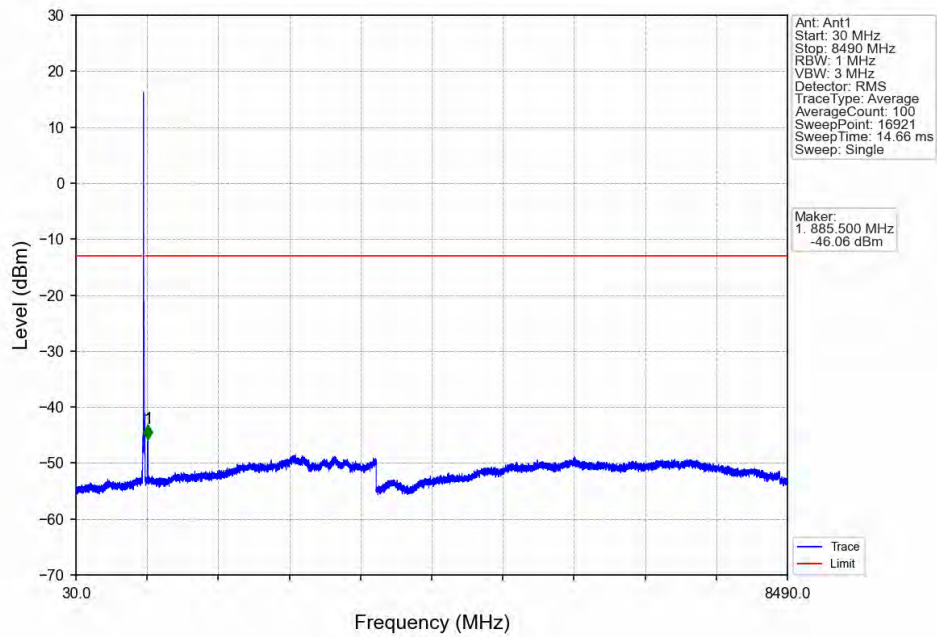


Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV

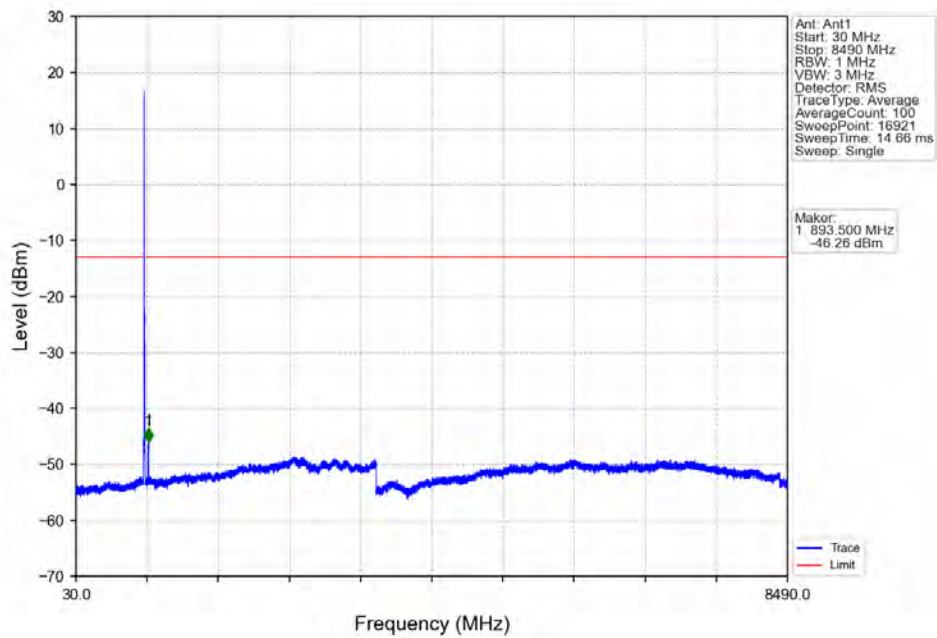


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	824	0.1	/	1	823.180	-41.04	-13	Pass
824	834	0.1	/	/	/	/	/	/

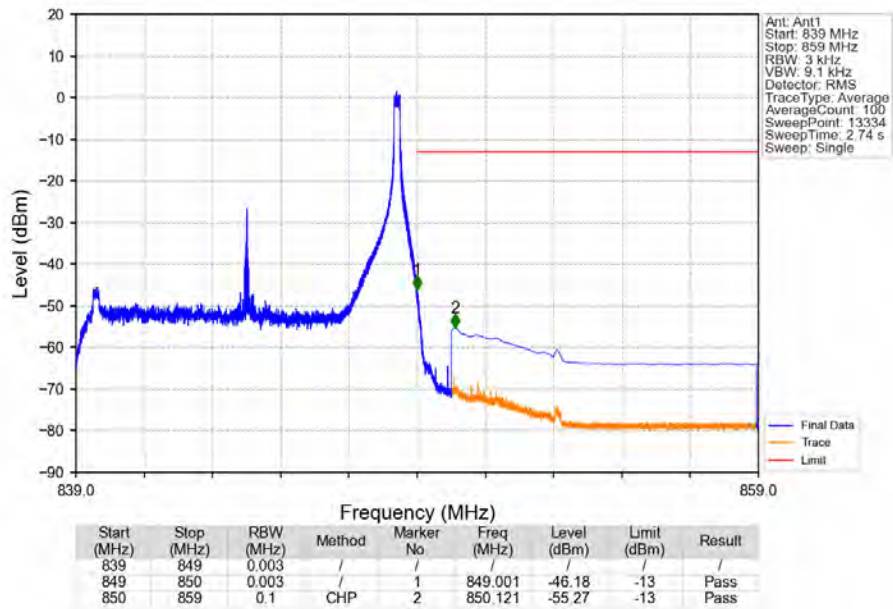
Band5_10MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



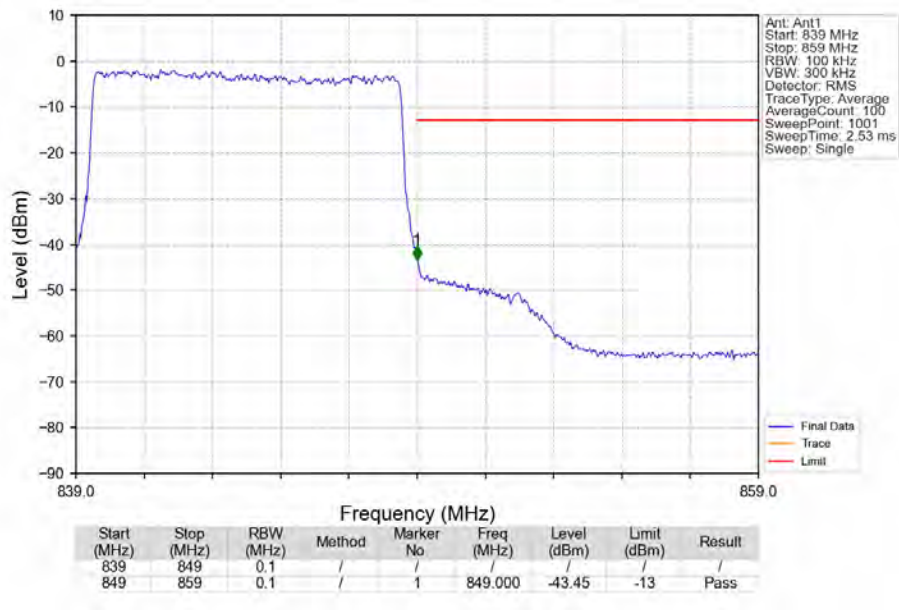
Band5_10MHz_16QAM_HCH_844MHz_RB_1_0_NTNV



Band5 10MHz 16QAM HCH 844MHz RB 1 49 NTNV



Band5 10MHz 16QAM HCH 844MHz RB 50 0 NTNV



7. Form731

7.1 Form731_Power

7.1.1 Test Result

Band	BW	Lower Freq	High Freq	MAX Power (W)	Value	Hz/ppm	Emission Designator	Rule Parts	MAX Power (dBm)
5	1.4	824.7	848.3	0.2472	0.0107	ppm	1M12G7D	22H	23.93
5	1.4	824.7	848.3	0.2472	0.0107	ppm	1M12G7D	22H	23.93
5	1.4	824.7	848.3	0.2472	0.0107	ppm	1M12G7D	22H	23.93
5	1.4	824.7	848.3	0.2472	0.0107	ppm	1M12G7D	22H	23.93
5	1.4	824.7	848.3	0.2472	0.0107	ppm	1M12G7D	22H	23.93
5	1.4	824.7	848.3	0.2472	0.0107	ppm	1M12G7D	22H	23.93
5	1.4	824.7	848.3	0.2472	0.0107	ppm	1M12G7D	22H	23.93
5	1.4	824.7	848.3	0.1858	0.0138	ppm	1M11W7D	22H	22.69
5	1.4	824.7	848.3	0.1858	0.0138	ppm	1M11W7D	22H	22.69
5	1.4	824.7	848.3	0.1858	0.0138	ppm	1M11W7D	22H	22.69
5	1.4	824.7	848.3	0.1858	0.0138	ppm	1M11W7D	22H	22.69
5	1.4	824.7	848.3	0.1858	0.0138	ppm	1M11W7D	22H	22.69
5	1.4	824.7	848.3	0.1858	0.0138	ppm	1M11W7D	22H	22.69
5	3	825.5	847.5	0.2203	0.0114	ppm	2M74G7D	22H	23.43
5	3	825.5	847.5	0.2203	0.0114	ppm	2M74G7D	22H	23.43
5	3	825.5	847.5	0.2203	0.0114	ppm	2M74G7D	22H	23.43
5	3	825.5	847.5	0.2203	0.0114	ppm	2M74G7D	22H	23.43
5	3	825.5	847.5	0.2203	0.0114	ppm	2M74G7D	22H	23.43
5	3	825.5	847.5	0.2203	0.0114	ppm	2M74G7D	22H	23.43
5	3	825.5	847.5	0.1901	0.0093	ppm	2M72W7D	22H	22.79
5	3	825.5	847.5	0.1901	0.0093	ppm	2M72W7D	22H	22.79
5	3	825.5	847.5	0.1901	0.0093	ppm	2M72W7D	22H	22.79
5	3	825.5	847.5	0.1901	0.0093	ppm	2M72W7D	22H	22.79
5	3	825.5	847.5	0.1901	0.0093	ppm	2M72W7D	22H	22.79
5	3	825.5	847.5	0.1901	0.0093	ppm	2M72W7D	22H	22.79
5	5	826.5	846.5	0.2323	0.0102	ppm	4M56G7D	22H	23.66
5	5	826.5	846.5	0.2323	0.0102	ppm	4M56G7D	22H	23.66
5	5	826.5	846.5	0.2323	0.0102	ppm	4M56G7D	22H	23.66
5	5	826.5	846.5	0.2323	0.0102	ppm	4M56G7D	22H	23.66
5	5	826.5	846.5	0.2323	0.0102	ppm	4M56G7D	22H	23.66
5	5	826.5	846.5	0.2323	0.0102	ppm	4M56G7D	22H	23.66
5	5	826.5	846.5	0.2323	0.0102	ppm	4M56G7D	22H	23.66
5	5	826.5	846.5	0.1875	0.0114	ppm	4M57W7D	22H	22.73
5	5	826.5	846.5	0.1875	0.0114	ppm	4M57W7D	22H	22.73
5	5	826.5	846.5	0.1875	0.0114	ppm	4M57W7D	22H	22.73
5	5	826.5	846.5	0.1875	0.0114	ppm	4M57W7D	22H	22.73
5	5	826.5	846.5	0.1875	0.0114	ppm	4M57W7D	22H	22.73
5	5	826.5	846.5	0.1875	0.0114	ppm	4M57W7D	22H	22.73
5	5	826.5	846.5	0.1875	0.0114	ppm	4M57W7D	22H	22.73
5	10	829	844	0.2312	0.0060	ppm	9M08G7D	22H	23.64
5	10	829	844	0.2312	0.0060	ppm	9M08G7D	22H	23.64
5	10	829	844	0.2312	0.0060	ppm	9M08G7D	22H	23.64

5	10	829	844	0.2312	0.0060	ppm	9M08G7D	22H	23.64
5	10	829	844	0.2312	0.0060	ppm	9M08G7D	22H	23.64
5	10	829	844	0.2312	0.0060	ppm	9M08G7D	22H	23.64
5	10	829	844	0.2312	0.0060	ppm	9M08G7D	22H	23.64
5	10	829	844	0.2000	0.0072	ppm	9M05W7D	22H	23.01
5	10	829	844	0.2000	0.0072	ppm	9M05W7D	22H	23.01
5	10	829	844	0.2000	0.0072	ppm	9M05W7D	22H	23.01
5	10	829	844	0.2000	0.0072	ppm	9M05W7D	22H	23.01
5	10	829	844	0.2000	0.0072	ppm	9M05W7D	22H	23.01
5	10	829	844	0.2000	0.0072	ppm	9M05W7D	22H	23.01
5	10	829	844	0.2000	0.0072	ppm	9M05W7D	22H	23.01

7.2 Form731_ERP

7.2.1 Test Result

Band	BW	Lower Freq	High Freq	MAX Power (W)	Value	Hz/ppm	Emission Designator	Rule Parts	MAX Power (dBm)
5	1.4	824.7	848.3	0.1690	0.0107	ppm	1M12G7D	22H	22.28
5	1.4	824.7	848.3	0.1690	0.0107	ppm	1M12G7D	22H	22.28
5	1.4	824.7	848.3	0.1690	0.0107	ppm	1M12G7D	22H	22.28
5	1.4	824.7	848.3	0.1690	0.0107	ppm	1M12G7D	22H	22.28
5	1.4	824.7	848.3	0.1690	0.0107	ppm	1M12G7D	22H	22.28
5	1.4	824.7	848.3	0.1690	0.0107	ppm	1M12G7D	22H	22.28
5	1.4	824.7	848.3	0.1690	0.0107	ppm	1M12G7D	22H	22.28
5	1.4	824.7	848.3	0.1271	0.0138	ppm	1M11W7D	22H	21.04
5	1.4	824.7	848.3	0.1271	0.0138	ppm	1M11W7D	22H	21.04
5	1.4	824.7	848.3	0.1271	0.0138	ppm	1M11W7D	22H	21.04
5	1.4	824.7	848.3	0.1271	0.0138	ppm	1M11W7D	22H	21.04
5	1.4	824.7	848.3	0.1271	0.0138	ppm	1M11W7D	22H	21.04
5	1.4	824.7	848.3	0.1271	0.0138	ppm	1M11W7D	22H	21.04
5	1.4	824.7	848.3	0.1271	0.0138	ppm	1M11W7D	22H	21.04
5	3	825.5	847.5	0.1507	0.0114	ppm	2M74G7D	22H	21.78
5	3	825.5	847.5	0.1507	0.0114	ppm	2M74G7D	22H	21.78
5	3	825.5	847.5	0.1507	0.0114	ppm	2M74G7D	22H	21.78
5	3	825.5	847.5	0.1507	0.0114	ppm	2M74G7D	22H	21.78
5	3	825.5	847.5	0.1507	0.0114	ppm	2M74G7D	22H	21.78
5	3	825.5	847.5	0.1507	0.0114	ppm	2M74G7D	22H	21.78
5	3	825.5	847.5	0.1507	0.0114	ppm	2M74G7D	22H	21.78
5	3	825.5	847.5	0.1300	0.0093	ppm	2M72W7D	22H	21.14
5	3	825.5	847.5	0.1300	0.0093	ppm	2M72W7D	22H	21.14
5	3	825.5	847.5	0.1300	0.0093	ppm	2M72W7D	22H	21.14
5	3	825.5	847.5	0.1300	0.0093	ppm	2M72W7D	22H	21.14
5	3	825.5	847.5	0.1300	0.0093	ppm	2M72W7D	22H	21.14
5	3	825.5	847.5	0.1300	0.0093	ppm	2M72W7D	22H	21.14
5	3	825.5	847.5	0.1300	0.0093	ppm	2M72W7D	22H	21.14
5	5	826.5	846.5	0.1589	0.0102	ppm	4M56G7D	22H	22.01
5	5	826.5	846.5	0.1589	0.0102	ppm	4M56G7D	22H	22.01
5	5	826.5	846.5	0.1589	0.0102	ppm	4M56G7D	22H	22.01
5	5	826.5	846.5	0.1589	0.0102	ppm	4M56G7D	22H	22.01
5	5	826.5	846.5	0.1589	0.0102	ppm	4M56G7D	22H	22.01
5	5	826.5	846.5	0.1589	0.0102	ppm	4M56G7D	22H	22.01
5	5	826.5	846.5	0.1589	0.0102	ppm	4M56G7D	22H	22.01
5	5	826.5	846.5	0.1282	0.0114	ppm	4M57W7D	22H	21.08
5	5	826.5	846.5	0.1282	0.0114	ppm	4M57W7D	22H	21.08

[illegible]