

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	23.74	-0.12	21.47	<=38.45	Pass
			2	23.80	-0.12	21.53	<=38.45	Pass
			5	23.84	-0.12	21.57	<=38.45	Pass
		3	0	23.94	-0.12	21.67	<=38.45	Pass
			2	23.94	-0.12	21.67	<=38.45	Pass
			3	23.95	-0.12	21.68	<=38.45	Pass
		6	0	22.90	-0.12	20.63	<=38.45	Pass
	836.5	1	0	23.85	-0.12	21.58	<=38.45	Pass
			2	23.81	-0.12	21.54	<=38.45	Pass
			5	23.83	-0.12	21.56	<=38.45	Pass
		3	0	24.02	-0.12	21.75	<=38.45	Pass
			2	24.00	-0.12	21.73	<=38.45	Pass
			3	24.00	-0.12	21.73	<=38.45	Pass
		6	0	22.99	-0.12	20.72	<=38.45	Pass
	848.3	1	0	23.76	-0.12	21.49	<=38.45	Pass
			2	23.74	-0.12	21.47	<=38.45	Pass
			5	23.77	-0.12	21.50	<=38.45	Pass
		3	0	23.88	-0.12	21.61	<=38.45	Pass
			2	23.93	-0.12	21.66	<=38.45	Pass
			3	23.92	-0.12	21.65	<=38.45	Pass
		6	0	22.90	-0.12	20.63	<=38.45	Pass
16QAM	824.7	1	0	23.08	-0.12	20.81	<=38.45	Pass
			2	23.06	-0.12	20.79	<=38.45	Pass
			5	22.99	-0.12	20.72	<=38.45	Pass
		3	0	22.86	-0.12	20.59	<=38.45	Pass
			2	22.81	-0.12	20.54	<=38.45	Pass
			3	22.87	-0.12	20.60	<=38.45	Pass
		6	0	22.01	-0.12	19.74	<=38.45	Pass
	836.5	1	0	23.10	-0.12	20.83	<=38.45	Pass
			2	23.12	-0.12	20.85	<=38.45	Pass
			5	23.11	-0.12	20.84	<=38.45	Pass
		3	0	22.92	-0.12	20.65	<=38.45	Pass
			2	22.88	-0.12	20.61	<=38.45	Pass
			3	22.87	-0.12	20.60	<=38.45	Pass
		6	0	21.89	-0.12	19.62	<=38.45	Pass
	848.3	1	0	22.97	-0.12	20.70	<=38.45	Pass
			2	23.00	-0.12	20.73	<=38.45	Pass
			5	22.97	-0.12	20.70	<=38.45	Pass
		3	0	22.86	-0.12	20.59	<=38.45	Pass
			2	22.86	-0.12	20.59	<=38.45	Pass
			3	22.85	-0.12	20.58	<=38.45	Pass
		6	0	22.00	-0.12	19.73	<=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	24.07	-0.12	21.80	<=38.45	Pass
			7	24.09	-0.12	21.82	<=38.45	Pass
			14	24.12	-0.12	21.85	<=38.45	Pass
		8	0	23.00	-0.12	20.73	<=38.45	Pass
			4	23.01	-0.12	20.74	<=38.45	Pass
			7	23.01	-0.12	20.74	<=38.45	Pass
		15	0	23.01	-0.12	20.74	<=38.45	Pass
	836.5	1	0	23.89	-0.12	21.62	<=38.45	Pass
			7	23.90	-0.12	21.63	<=38.45	Pass
			14	23.88	-0.12	21.61	<=38.45	Pass
		8	0	22.98	-0.12	20.71	<=38.45	Pass
			4	22.94	-0.12	20.67	<=38.45	Pass
			7	22.96	-0.12	20.69	<=38.45	Pass
		15	0	23.00	-0.12	20.73	<=38.45	Pass
	847.5	1	0	23.82	-0.12	21.55	<=38.45	Pass
			7	23.85	-0.12	21.58	<=38.45	Pass
			14	23.86	-0.12	21.59	<=38.45	Pass
		8	0	22.97	-0.12	20.70	<=38.45	Pass
			4	22.98	-0.12	20.71	<=38.45	Pass
			7	22.92	-0.12	20.65	<=38.45	Pass
		15	0	22.96	-0.12	20.69	<=38.45	Pass
16QAM	825.5	1	0	23.31	-0.12	21.04	<=38.45	Pass
			7	23.29	-0.12	21.02	<=38.45	Pass
			14	23.27	-0.12	21.00	<=38.45	Pass
		8	0	22.09	-0.12	19.82	<=38.45	Pass
			4	22.11	-0.12	19.84	<=38.45	Pass
			7	22.11	-0.12	19.84	<=38.45	Pass
		15	0	22.05	-0.12	19.78	<=38.45	Pass
	836.5	1	0	22.82	-0.12	20.55	<=38.45	Pass
			7	22.82	-0.12	20.55	<=38.45	Pass
			14	22.80	-0.12	20.53	<=38.45	Pass
		8	0	22.00	-0.12	19.73	<=38.45	Pass
			4	22.04	-0.12	19.77	<=38.45	Pass
			7	22.03	-0.12	19.76	<=38.45	Pass
		15	0	21.96	-0.12	19.69	<=38.45	Pass
	847.5	1	0	23.11	-0.12	20.84	<=38.45	Pass
			7	23.09	-0.12	20.82	<=38.45	Pass
			14	23.07	-0.12	20.80	<=38.45	Pass
		8	0	21.95	-0.12	19.68	<=38.45	Pass
			4	21.87	-0.12	19.60	<=38.45	Pass
			7	21.91	-0.12	19.64	<=38.45	Pass
		15	0	21.83	-0.12	19.56	<=38.45	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.3 B5_5MHz_ERP

1.3.1 Test Result

Band: 5 / Bandwidth: 5MHz / NTNV

Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dbi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	826.5	1	0	24.18	-0.12	21.91	<=38.45	Pass
			13	24.17	-0.12	21.90	<=38.45	Pass
			24	24.26	-0.12	21.99	<=38.45	Pass
		12	0	23.07	-0.12	20.80	<=38.45	Pass
			6	23.04	-0.12	20.77	<=38.45	Pass
			13	23.05	-0.12	20.78	<=38.45	Pass
		25	0	23.11	-0.12	20.84	<=38.45	Pass
	836.5	1	0	24.28	-0.12	22.01	<=38.45	Pass
			13	24.18	-0.12	21.91	<=38.45	Pass
			24	24.15	-0.12	21.88	<=38.45	Pass
		12	0	23.10	-0.12	20.83	<=38.45	Pass
			6	23.08	-0.12	20.81	<=38.45	Pass
			13	22.98	-0.12	20.71	<=38.45	Pass
		25	0	23.01	-0.12	20.74	<=38.45	Pass
	846.5	1	0	24.07	-0.12	21.80	<=38.45	Pass
			13	24.04	-0.12	21.77	<=38.45	Pass
			24	24.09	-0.12	21.82	<=38.45	Pass
		12	0	23.05	-0.12	20.78	<=38.45	Pass
			6	22.95	-0.12	20.68	<=38.45	Pass
			13	22.88	-0.12	20.61	<=38.45	Pass
		25	0	22.99	-0.12	20.72	<=38.45	Pass
16QAM	826.5	1	0	23.08	-0.12	20.81	<=38.45	Pass
			13	23.07	-0.12	20.80	<=38.45	Pass
			24	23.14	-0.12	20.87	<=38.45	Pass
		12	0	22.12	-0.12	19.85	<=38.45	Pass
			6	22.07	-0.12	19.80	<=38.45	Pass
			13	22.08	-0.12	19.81	<=38.45	Pass
		25	0	22.14	-0.12	19.87	<=38.45	Pass
	836.5	1	0	23.23	-0.12	20.96	<=38.45	Pass
			13	23.21	-0.12	20.94	<=38.45	Pass
			24	23.17	-0.12	20.90	<=38.45	Pass
		12	0	22.10	-0.12	19.83	<=38.45	Pass
			6	22.06	-0.12	19.79	<=38.45	Pass
			13	21.98	-0.12	19.71	<=38.45	Pass
		25	0	22.09	-0.12	19.82	<=38.45	Pass
	846.5	1	0	23.11	-0.12	20.84	<=38.45	Pass
			13	23.08	-0.12	20.81	<=38.45	Pass
			24	23.17	-0.12	20.90	<=38.45	Pass
		12	0	22.09	-0.12	19.82	<=38.45	Pass
			6	22.01	-0.12	19.74	<=38.45	Pass
			13	21.92	-0.12	19.65	<=38.45	Pass
		25	0	21.92	-0.12	19.65	<=38.45	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.4 B5_10MHz_ERP

1.4.1 Test Result

Band: 5 / Bandwidth: 10MHz / NTNv								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dbi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	829	1	0	24.11	-0.12	21.84	<=38.45	Pass
			25	24.16	-0.12	21.89	<=38.45	Pass

		25	49	24.17	-0.12	21.90	<=38.45	Pass	
			0	23.08	-0.12	20.81	<=38.45	Pass	
			13	23.09	-0.12	20.82	<=38.45	Pass	
			25	23.12	-0.12	20.85	<=38.45	Pass	
		50	0	23.11	-0.12	20.84	<=38.45	Pass	
	836.5	1	0	24.02	-0.12	21.75	<=38.45	Pass	
			25	23.95	-0.12	21.68	<=38.45	Pass	
			49	23.89	-0.12	21.62	<=38.45	Pass	
		25	0	23.04	-0.12	20.77	<=38.45	Pass	
			13	22.98	-0.12	20.71	<=38.45	Pass	
			25	22.97	-0.12	20.70	<=38.45	Pass	
		50	0	23.04	-0.12	20.77	<=38.45	Pass	
	844	1	0	23.93	-0.12	21.66	<=38.45	Pass	
			25	23.86	-0.12	21.59	<=38.45	Pass	
			49	23.88	-0.12	21.61	<=38.45	Pass	
		25	0	23.03	-0.12	20.76	<=38.45	Pass	
			13	23.01	-0.12	20.74	<=38.45	Pass	
			25	22.89	-0.12	20.62	<=38.45	Pass	
		50	0	23.02	-0.12	20.75	<=38.45	Pass	
	16QAM	829	1	0	23.30	-0.12	21.03	<=38.45	Pass
				25	23.30	-0.12	21.03	<=38.45	Pass
49				23.24	-0.12	20.97	<=38.45	Pass	
25			0	22.08	-0.12	19.81	<=38.45	Pass	
			13	22.10	-0.12	19.83	<=38.45	Pass	
			25	22.14	-0.12	19.87	<=38.45	Pass	
50			0	22.10	-0.12	19.83	<=38.45	Pass	
836.5		1	0	22.96	-0.12	20.69	<=38.45	Pass	
			25	22.87	-0.12	20.60	<=38.45	Pass	
			49	22.87	-0.12	20.60	<=38.45	Pass	
		25	0	22.11	-0.12	19.84	<=38.45	Pass	
			13	22.05	-0.12	19.78	<=38.45	Pass	
			25	22.00	-0.12	19.73	<=38.45	Pass	
		50	0	22.02	-0.12	19.75	<=38.45	Pass	
844		1	0	23.04	-0.12	20.77	<=38.45	Pass	
			25	22.96	-0.12	20.69	<=38.45	Pass	
			49	22.99	-0.12	20.72	<=38.45	Pass	
		25	0	22.07	-0.12	19.80	<=38.45	Pass	
			13	22.03	-0.12	19.76	<=38.45	Pass	
			25	21.94	-0.12	19.67	<=38.45	Pass	
		50	0	21.98	-0.12	19.71	<=38.45	Pass	
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	3.23	-2.775	-0.0034	-2.5 to 2.5	Pass
					3.8	-4.334	-0.0053	-2.5 to 2.5	Pass
					4.37	-0.558	-0.0007	-2.5 to 2.5	Pass

16QAM				-30	3.8	-3.834	-0.0046	-2.5 to 2.5	Pass	
				-20	3.8	-1.402	-0.0017	-2.5 to 2.5	Pass	
				-10	3.8	-0.830	-0.0010	-2.5 to 2.5	Pass	
				0	3.8	2.375	0.0029	-2.5 to 2.5	Pass	
				10	3.8	-0.529	-0.0006	-2.5 to 2.5	Pass	
				30	3.8	-1.202	-0.0015	-2.5 to 2.5	Pass	
				40	3.8	-2.103	-0.0026	-2.5 to 2.5	Pass	
				50	3.8	-2.389	-0.0029	-2.5 to 2.5	Pass	
	836.5	6	0	20	3.23	-0.286	-0.0003	-2.5 to 2.5	Pass	
					3.8	3.119	0.0037	-2.5 to 2.5	Pass	
					4.37	-0.787	-0.0009	-2.5 to 2.5	Pass	
				-30	3.8	-1.531	-0.0018	-2.5 to 2.5	Pass	
				-20	3.8	-0.257	-0.0003	-2.5 to 2.5	Pass	
				-10	3.8	1.988	0.0024	-2.5 to 2.5	Pass	
				0	3.8	2.904	0.0035	-2.5 to 2.5	Pass	
				10	3.8	2.933	0.0035	-2.5 to 2.5	Pass	
				30	3.8	-0.601	-0.0007	-2.5 to 2.5	Pass	
				40	3.8	-0.916	-0.0011	-2.5 to 2.5	Pass	
	50	3.8	-1.187	-0.0014	-2.5 to 2.5	Pass				
	848.3	6	0	20	3.23	1.316	0.0016	-2.5 to 2.5	Pass	
					3.8	1.559	0.0018	-2.5 to 2.5	Pass	
					4.37	1.044	0.0012	-2.5 to 2.5	Pass	
				-30	3.8	-3.619	-0.0043	-2.5 to 2.5	Pass	
				-20	3.8	1.831	0.0022	-2.5 to 2.5	Pass	
				-10	3.8	-3.948	-0.0047	-2.5 to 2.5	Pass	
				0	3.8	-0.544	-0.0006	-2.5 to 2.5	Pass	
				10	3.8	-2.589	-0.0031	-2.5 to 2.5	Pass	
				30	3.8	-2.031	-0.0024	-2.5 to 2.5	Pass	
				40	3.8	-0.730	-0.0009	-2.5 to 2.5	Pass	
	50	3.8	1.731	0.0020	-2.5 to 2.5	Pass				
		824.7	6	0	20	3.23	2.160	0.0026	-2.5 to 2.5	Pass
						3.8	-4.606	-0.0056	-2.5 to 2.5	Pass
						4.37	-4.621	-0.0056	-2.5 to 2.5	Pass
					-30	3.8	-1.903	-0.0023	-2.5 to 2.5	Pass
					-20	3.8	-0.958	-0.0012	-2.5 to 2.5	Pass
					-10	3.8	-3.605	-0.0044	-2.5 to 2.5	Pass
0					3.8	0.472	0.0006	-2.5 to 2.5	Pass	
10					3.8	0.873	0.0011	-2.5 to 2.5	Pass	
30					3.8	0.529	0.0006	-2.5 to 2.5	Pass	
40					3.8	-2.975	-0.0036	-2.5 to 2.5	Pass	
50		3.8	-2.332	-0.0028	-2.5 to 2.5	Pass				
836.5		6	0	20	3.23	-4.091	-0.0049	-2.5 to 2.5	Pass	
					3.8	3.018	0.0036	-2.5 to 2.5	Pass	
					4.37	1.574	0.0019	-2.5 to 2.5	Pass	
				-30	3.8	4.549	0.0054	-2.5 to 2.5	Pass	
				-20	3.8	0.086	0.0001	-2.5 to 2.5	Pass	
				-10	3.8	2.460	0.0029	-2.5 to 2.5	Pass	
				0	3.8	-0.386	-0.0005	-2.5 to 2.5	Pass	
	10			3.8	0.544	0.0007	-2.5 to 2.5	Pass		
30	3.8	-2.174	-0.0026	-2.5 to 2.5	Pass					
40	3.8	2.317	0.0028	-2.5 to 2.5	Pass					
50	3.8	1.402	0.0017	-2.5 to 2.5	Pass					
848.3	6	0	20	3.23	-0.944	-0.0011	-2.5 to 2.5	Pass		
				3.8	-3.076	-0.0036	-2.5 to 2.5	Pass		
				4.37	2.632	0.0031	-2.5 to 2.5	Pass		
			-30	3.8	-2.260	-0.0027	-2.5 to 2.5	Pass		
-20	3.8	-1.974	-0.0023	-2.5 to 2.5	Pass					

				-10	3.8	-4.220	-0.0050	-2.5 to 2.5	Pass
				0	3.8	0.443	0.0005	-2.5 to 2.5	Pass
				10	3.8	0.815	0.0010	-2.5 to 2.5	Pass
				30	3.8	-2.847	-0.0034	-2.5 to 2.5	Pass
				40	3.8	-2.360	-0.0028	-2.5 to 2.5	Pass
				50	3.8	-0.744	-0.0009	-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	3.23	2.532	0.0031	-2.5 to 2.5	Pass
					3.8	-0.558	-0.0007	-2.5 to 2.5	Pass
					4.37	2.832	0.0034	-2.5 to 2.5	Pass
				-30	3.8	-2.360	-0.0029	-2.5 to 2.5	Pass
				-20	3.8	-1.287	-0.0016	-2.5 to 2.5	Pass
				-10	3.8	-2.975	-0.0036	-2.5 to 2.5	Pass
				0	3.8	-2.232	-0.0027	-2.5 to 2.5	Pass
				10	3.8	-0.257	-0.0003	-2.5 to 2.5	Pass
				30	3.8	-4.106	-0.0050	-2.5 to 2.5	Pass
				40	3.8	-2.389	-0.0029	-2.5 to 2.5	Pass
				50	3.8	-0.143	-0.0002	-2.5 to 2.5	Pass
	836.5	15	0	20	3.23	-0.572	-0.0007	-2.5 to 2.5	Pass
					3.8	-4.263	-0.0051	-2.5 to 2.5	Pass
					4.37	-0.029	0.0000	-2.5 to 2.5	Pass
				-30	3.8	-3.948	-0.0047	-2.5 to 2.5	Pass
				-20	3.8	-3.591	-0.0043	-2.5 to 2.5	Pass
				-10	3.8	-3.133	-0.0037	-2.5 to 2.5	Pass
				0	3.8	-1.488	-0.0018	-2.5 to 2.5	Pass
				10	3.8	-3.219	-0.0038	-2.5 to 2.5	Pass
				30	3.8	-1.531	-0.0018	-2.5 to 2.5	Pass
				40	3.8	0.958	0.0011	-2.5 to 2.5	Pass
				50	3.8	-2.718	-0.0032	-2.5 to 2.5	Pass
	847.5	15	0	20	3.23	2.561	0.0030	-2.5 to 2.5	Pass
					3.8	-3.047	-0.0036	-2.5 to 2.5	Pass
					4.37	1.073	0.0013	-2.5 to 2.5	Pass
				-30	3.8	-3.061	-0.0036	-2.5 to 2.5	Pass
				-20	3.8	-1.431	-0.0017	-2.5 to 2.5	Pass
				-10	3.8	-4.334	-0.0051	-2.5 to 2.5	Pass
				0	3.8	1.445	0.0017	-2.5 to 2.5	Pass
				10	3.8	-2.203	-0.0026	-2.5 to 2.5	Pass
				30	3.8	-1.116	-0.0013	-2.5 to 2.5	Pass
				40	3.8	0.744	0.0009	-2.5 to 2.5	Pass
				50	3.8	-2.561	-0.0030	-2.5 to 2.5	Pass
16QAM	825.5	15	0	20	3.23	0.000	0.0000	-2.5 to 2.5	Pass
					3.8	-2.589	-0.0031	-2.5 to 2.5	Pass
					4.37	3.133	0.0038	-2.5 to 2.5	Pass
				-30	3.8	-3.347	-0.0041	-2.5 to 2.5	Pass
				-20	3.8	-1.059	-0.0013	-2.5 to 2.5	Pass
				-10	3.8	-0.401	-0.0005	-2.5 to 2.5	Pass
				0	3.8	-3.304	-0.0040	-2.5 to 2.5	Pass
				10	3.8	-0.014	0.0000	-2.5 to 2.5	Pass

	836.5	15	0	30	3.8	-3.920	-0.0047	-2.5 to 2.5	Pass
				40	3.8	-3.190	-0.0039	-2.5 to 2.5	Pass
				50	3.8	0.100	0.0001	-2.5 to 2.5	Pass
				20	3.23	-2.632	-0.0031	-2.5 to 2.5	Pass
					3.8	2.947	0.0035	-2.5 to 2.5	Pass
					4.37	-2.232	-0.0027	-2.5 to 2.5	Pass
				-30	3.8	-2.618	-0.0031	-2.5 to 2.5	Pass
				-20	3.8	-1.087	-0.0013	-2.5 to 2.5	Pass
				-10	3.8	2.604	0.0031	-2.5 to 2.5	Pass
				0	3.8	-2.289	-0.0027	-2.5 to 2.5	Pass
				10	3.8	-1.588	-0.0019	-2.5 to 2.5	Pass
				30	3.8	-3.548	-0.0042	-2.5 to 2.5	Pass
				40	3.8	-0.429	-0.0005	-2.5 to 2.5	Pass
				50	3.8	-2.689	-0.0032	-2.5 to 2.5	Pass
	847.5	15	0	20	3.23	-2.675	-0.0032	-2.5 to 2.5	Pass
					3.8	-1.831	-0.0022	-2.5 to 2.5	Pass
					4.37	-1.702	-0.0020	-2.5 to 2.5	Pass
				-30	3.8	-0.687	-0.0008	-2.5 to 2.5	Pass
				-20	3.8	-1.817	-0.0021	-2.5 to 2.5	Pass
				-10	3.8	-2.103	-0.0025	-2.5 to 2.5	Pass
				0	3.8	-1.674	-0.0020	-2.5 to 2.5	Pass
				10	3.8	-1.831	-0.0022	-2.5 to 2.5	Pass
				30	3.8	-0.672	-0.0008	-2.5 to 2.5	Pass
				40	3.8	0.100	0.0001	-2.5 to 2.5	Pass
				50	3.8	-0.215	-0.0003	-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	3.23	1.087	0.0013	-2.5 to 2.5	Pass
					3.8	0.229	0.0003	-2.5 to 2.5	Pass
					4.37	-0.486	-0.0006	-2.5 to 2.5	Pass
				-30	3.8	0.100	0.0001	-2.5 to 2.5	Pass
				-20	3.8	-0.100	-0.0001	-2.5 to 2.5	Pass
				-10	3.8	-0.558	-0.0007	-2.5 to 2.5	Pass
				0	3.8	0.157	0.0002	-2.5 to 2.5	Pass
				10	3.8	1.431	0.0017	-2.5 to 2.5	Pass
				30	3.8	1.545	0.0019	-2.5 to 2.5	Pass
				40	3.8	3.176	0.0038	-2.5 to 2.5	Pass
				50	3.8	-0.587	-0.0007	-2.5 to 2.5	Pass
	836.5	25	0	20	3.23	-1.545	-0.0018	-2.5 to 2.5	Pass
					3.8	-0.486	-0.0006	-2.5 to 2.5	Pass
					4.37	-0.100	-0.0001	-2.5 to 2.5	Pass
				-30	3.8	-0.215	-0.0003	-2.5 to 2.5	Pass
				-20	3.8	-1.059	-0.0013	-2.5 to 2.5	Pass
				-10	3.8	0.014	0.0000	-2.5 to 2.5	Pass
				0	3.8	-0.644	-0.0008	-2.5 to 2.5	Pass
				10	3.8	-1.273	-0.0015	-2.5 to 2.5	Pass
				30	3.8	0.401	0.0005	-2.5 to 2.5	Pass
				40	3.8	-1.259	-0.0015	-2.5 to 2.5	Pass
				50	3.8	-2.117	-0.0025	-2.5 to 2.5	Pass

	846.5	25	0	20	3.23	1.101	0.0013	-2.5 to 2.5	Pass
					3.8	1.931	0.0023	-2.5 to 2.5	Pass
					4.37	-2.403	-0.0028	-2.5 to 2.5	Pass
				-30	3.8	-1.631	-0.0019	-2.5 to 2.5	Pass
				-20	3.8	0.415	0.0005	-2.5 to 2.5	Pass
				-10	3.8	-2.146	-0.0025	-2.5 to 2.5	Pass
				0	3.8	-1.316	-0.0016	-2.5 to 2.5	Pass
				10	3.8	-0.930	-0.0011	-2.5 to 2.5	Pass
				30	3.8	-2.232	-0.0026	-2.5 to 2.5	Pass
				40	3.8	0.243	0.0003	-2.5 to 2.5	Pass
16QAM	826.5	25	0	20	3.23	0.615	0.0007	-2.5 to 2.5	Pass
					3.8	1.388	0.0017	-2.5 to 2.5	Pass
					4.37	1.187	0.0014	-2.5 to 2.5	Pass
				-30	3.8	-1.030	-0.0012	-2.5 to 2.5	Pass
				-20	3.8	-1.330	-0.0016	-2.5 to 2.5	Pass
				-10	3.8	-1.116	-0.0014	-2.5 to 2.5	Pass
				0	3.8	3.905	0.0047	-2.5 to 2.5	Pass
				10	3.8	0.200	0.0002	-2.5 to 2.5	Pass
				30	3.8	0.014	0.0000	-2.5 to 2.5	Pass
				40	3.8	1.202	0.0015	-2.5 to 2.5	Pass
				50	3.8	1.559	0.0019	-2.5 to 2.5	Pass
	836.5	25	0	20	3.23	0.157	0.0002	-2.5 to 2.5	Pass
					3.8	0.715	0.0009	-2.5 to 2.5	Pass
					4.37	-1.287	-0.0015	-2.5 to 2.5	Pass
				-30	3.8	-1.702	-0.0020	-2.5 to 2.5	Pass
				-20	3.8	0.072	0.0001	-2.5 to 2.5	Pass
				-10	3.8	-0.958	-0.0011	-2.5 to 2.5	Pass
				0	3.8	-1.144	-0.0014	-2.5 to 2.5	Pass
				10	3.8	-3.591	-0.0043	-2.5 to 2.5	Pass
				30	3.8	-2.546	-0.0030	-2.5 to 2.5	Pass
				40	3.8	-1.917	-0.0023	-2.5 to 2.5	Pass
				50	3.8	-1.230	-0.0015	-2.5 to 2.5	Pass
	846.5	25	0	20	3.23	0.286	0.0003	-2.5 to 2.5	Pass
					3.8	0.987	0.0012	-2.5 to 2.5	Pass
					4.37	-0.486	-0.0006	-2.5 to 2.5	Pass
				-30	3.8	-1.702	-0.0020	-2.5 to 2.5	Pass
				-20	3.8	1.273	0.0015	-2.5 to 2.5	Pass
				-10	3.8	-0.544	-0.0006	-2.5 to 2.5	Pass
				0	3.8	0.358	0.0004	-2.5 to 2.5	Pass
				10	3.8	-0.830	-0.0010	-2.5 to 2.5	Pass
				30	3.8	1.159	0.0014	-2.5 to 2.5	Pass
				40	3.8	-2.804	-0.0033	-2.5 to 2.5	Pass
				50	3.8	-1.874	-0.0022	-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	3.23	-2.289	-0.0028	-2.5 to 2.5	Pass
					3.8	-1.416	-0.0017	-2.5 to 2.5	Pass
					4.37	-1.645	-0.0020	-2.5 to 2.5	Pass

16QAM				-30	3.8	-2.561	-0.0031	-2.5 to 2.5	Pass
				-20	3.8	-1.287	-0.0016	-2.5 to 2.5	Pass
				-10	3.8	-0.443	-0.0005	-2.5 to 2.5	Pass
				0	3.8	0.029	0.0000	-2.5 to 2.5	Pass
				10	3.8	-2.017	-0.0024	-2.5 to 2.5	Pass
				30	3.8	-4.463	-0.0054	-2.5 to 2.5	Pass
				40	3.8	-4.277	-0.0052	-2.5 to 2.5	Pass
				50	3.8	-2.518	-0.0030	-2.5 to 2.5	Pass
	836.5	50	0	20	3.23	-1.116	-0.0013	-2.5 to 2.5	Pass
					3.8	0.143	0.0002	-2.5 to 2.5	Pass
					4.37	-0.200	-0.0002	-2.5 to 2.5	Pass
				-30	3.8	-2.604	-0.0031	-2.5 to 2.5	Pass
				-20	3.8	0.257	0.0003	-2.5 to 2.5	Pass
				-10	3.8	-0.172	-0.0002	-2.5 to 2.5	Pass
				0	3.8	-1.516	-0.0018	-2.5 to 2.5	Pass
				10	3.8	-4.964	-0.0059	-2.5 to 2.5	Pass
				30	3.8	-0.286	-0.0003	-2.5 to 2.5	Pass
				40	3.8	-1.016	-0.0012	-2.5 to 2.5	Pass
	50	3.8	-1.316	-0.0016	-2.5 to 2.5	Pass			
	844	50	0	20	3.23	-0.629	-0.0007	-2.5 to 2.5	Pass
					3.8	-3.076	-0.0036	-2.5 to 2.5	Pass
					4.37	-2.990	-0.0035	-2.5 to 2.5	Pass
				-30	3.8	-2.360	-0.0028	-2.5 to 2.5	Pass
				-20	3.8	-1.602	-0.0019	-2.5 to 2.5	Pass
				-10	3.8	-1.760	-0.0021	-2.5 to 2.5	Pass
				0	3.8	-0.858	-0.0010	-2.5 to 2.5	Pass
				10	3.8	-2.217	-0.0026	-2.5 to 2.5	Pass
				30	3.8	-3.276	-0.0039	-2.5 to 2.5	Pass
				40	3.8	-0.744	-0.0009	-2.5 to 2.5	Pass
	50	3.8	-2.074	-0.0025	-2.5 to 2.5	Pass			
			20	3.23	-2.861	-0.0035	-2.5 to 2.5	Pass	
				3.8	-2.432	-0.0029	-2.5 to 2.5	Pass	
				4.37	-1.974	-0.0024	-2.5 to 2.5	Pass	
			-30	3.8	-2.432	-0.0029	-2.5 to 2.5	Pass	
			-20	3.8	-1.545	-0.0019	-2.5 to 2.5	Pass	
			-10	3.8	-0.958	-0.0012	-2.5 to 2.5	Pass	
			0	3.8	-1.059	-0.0013	-2.5 to 2.5	Pass	
			10	3.8	-0.472	-0.0006	-2.5 to 2.5	Pass	
			30	3.8	-2.203	-0.0027	-2.5 to 2.5	Pass	
			40	3.8	-1.802	-0.0022	-2.5 to 2.5	Pass	
			50	3.8	-1.287	-0.0016	-2.5 to 2.5	Pass	
					0	20	3.23	-0.014	0.0000
3.8	-2.232	-0.0027					-2.5 to 2.5	Pass	
4.37	-1.473	-0.0018					-2.5 to 2.5	Pass	
-30	3.8	-2.503				-0.0030	-2.5 to 2.5	Pass	
-20	3.8	-3.934				-0.0047	-2.5 to 2.5	Pass	
-10	3.8	-4.063				-0.0049	-2.5 to 2.5	Pass	
0	3.8	-4.091				-0.0049	-2.5 to 2.5	Pass	
10	3.8	-2.689				-0.0032	-2.5 to 2.5	Pass	
30	3.8	-2.704				-0.0032	-2.5 to 2.5	Pass	
40	3.8	-3.405				-0.0041	-2.5 to 2.5	Pass	
50	3.8	-1.717	-0.0021	-2.5 to 2.5	Pass				
	50	0	20	3.23	-1.130	-0.0013	-2.5 to 2.5	Pass	
				3.8	-3.176	-0.0038	-2.5 to 2.5	Pass	
				4.37	-1.445	-0.0017	-2.5 to 2.5	Pass	
			-30	3.8	-0.758	-0.0009	-2.5 to 2.5	Pass	
			-20	3.8	-0.429	-0.0005	-2.5 to 2.5	Pass	

				-10	3.8	1.016	0.0012	-2.5 to 2.5	Pass
				0	3.8	-1.945	-0.0023	-2.5 to 2.5	Pass
				10	3.8	2.275	0.0027	-2.5 to 2.5	Pass
				30	3.8	-2.046	-0.0024	-2.5 to 2.5	Pass
				40	3.8	-0.286	-0.0003	-2.5 to 2.5	Pass
				50	3.8	-0.787	-0.0009	-2.5 to 2.5	Pass

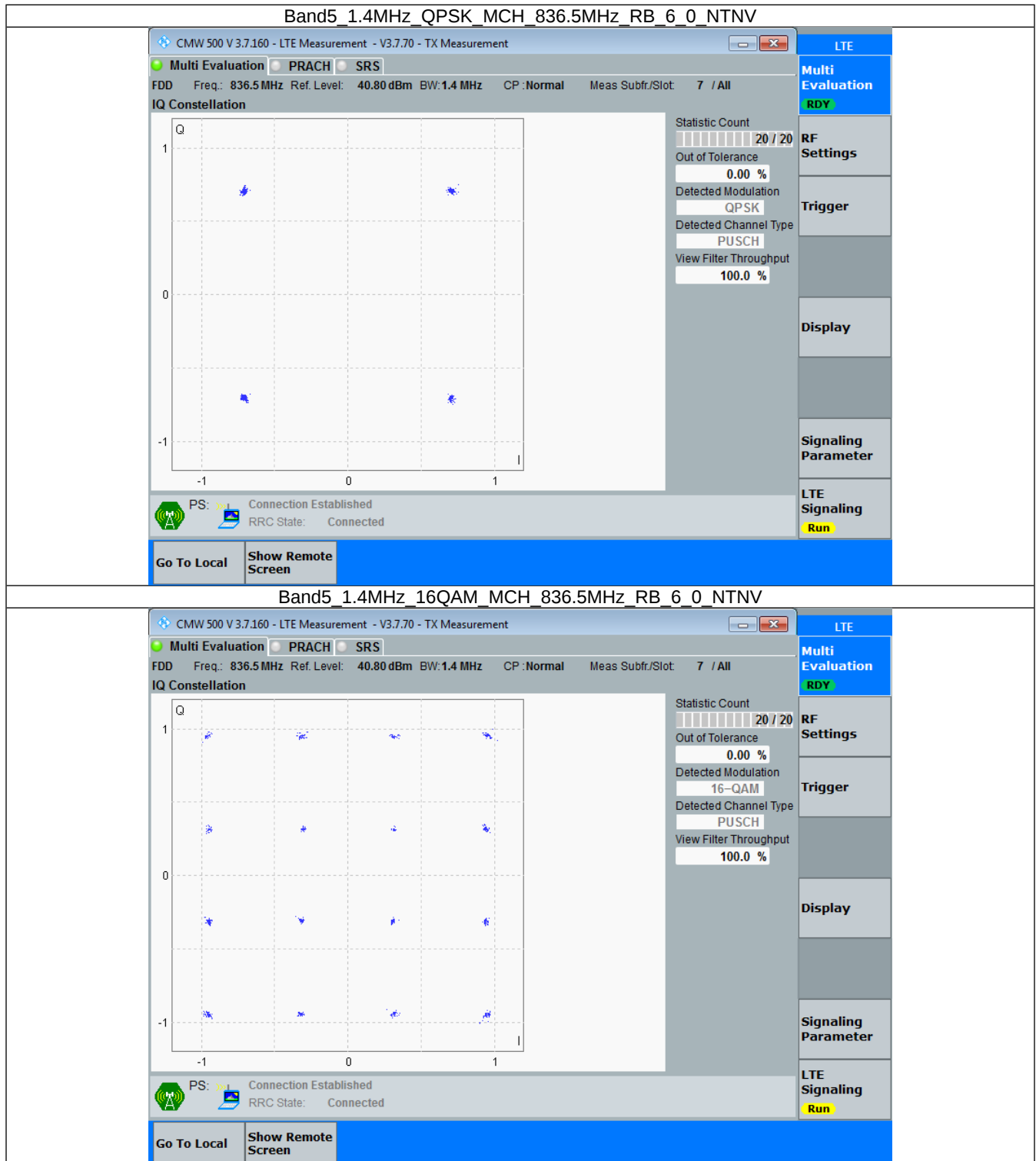
3. Modulation Characteristics

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

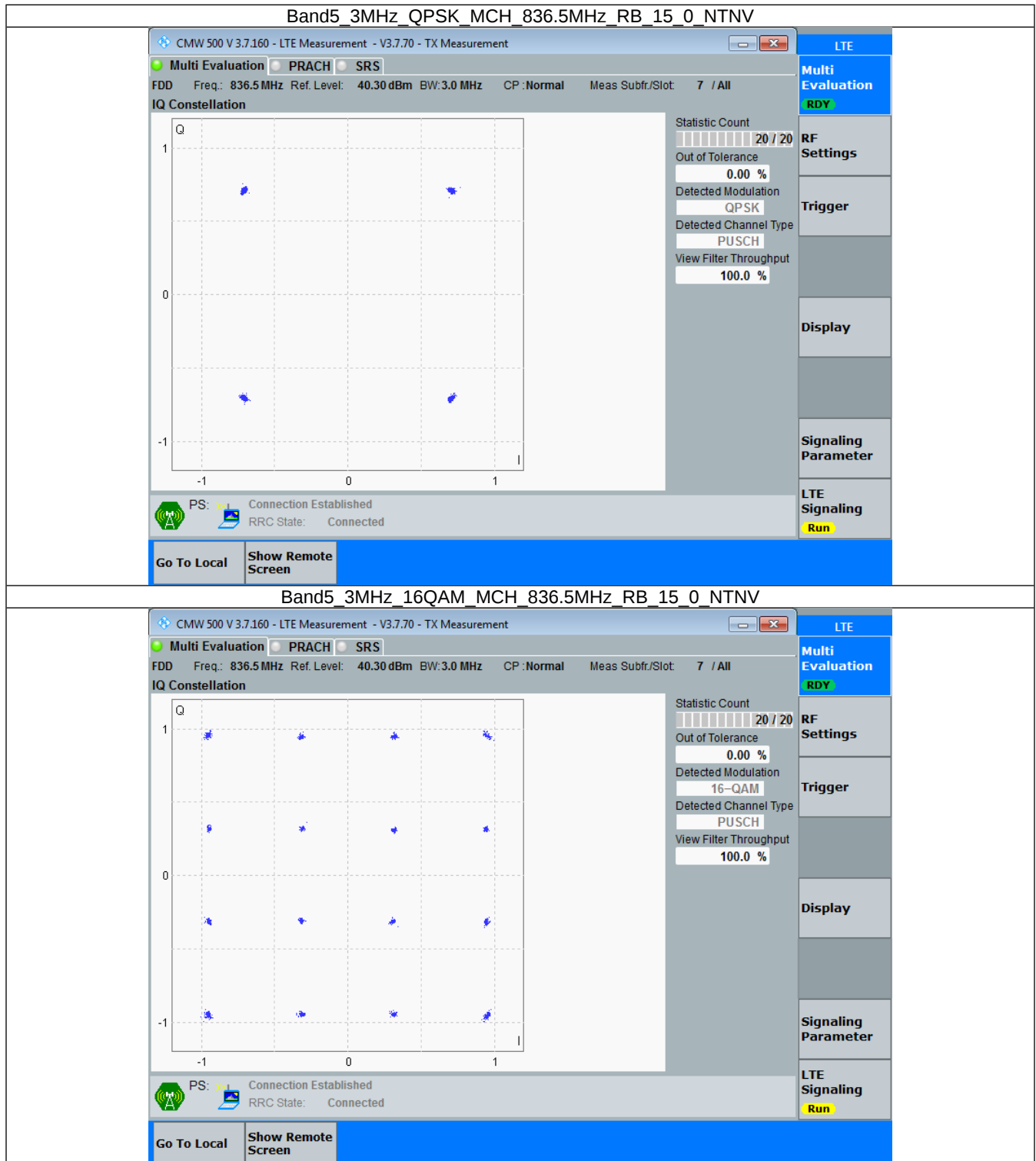


3.2 B5_3MHz

3.2.1 Test Result

Band: 5 / Bandwidth: 3MHz / NTV						
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

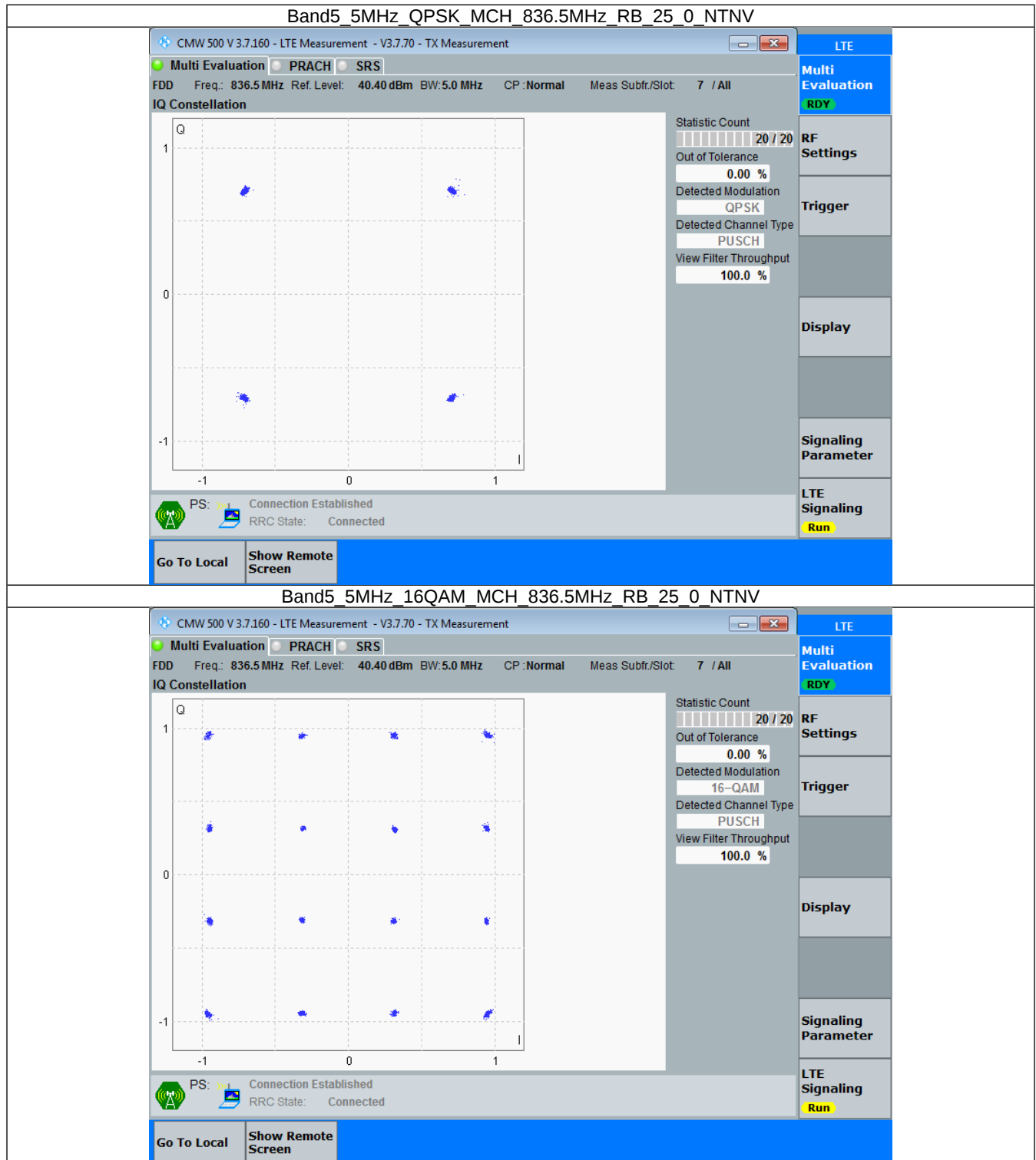


3.3 B5_5MHz

3.3.1 Test Result

Band: 5 / Bandwidth: 5MHz / NTV						
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

3.3.2 Test Graph

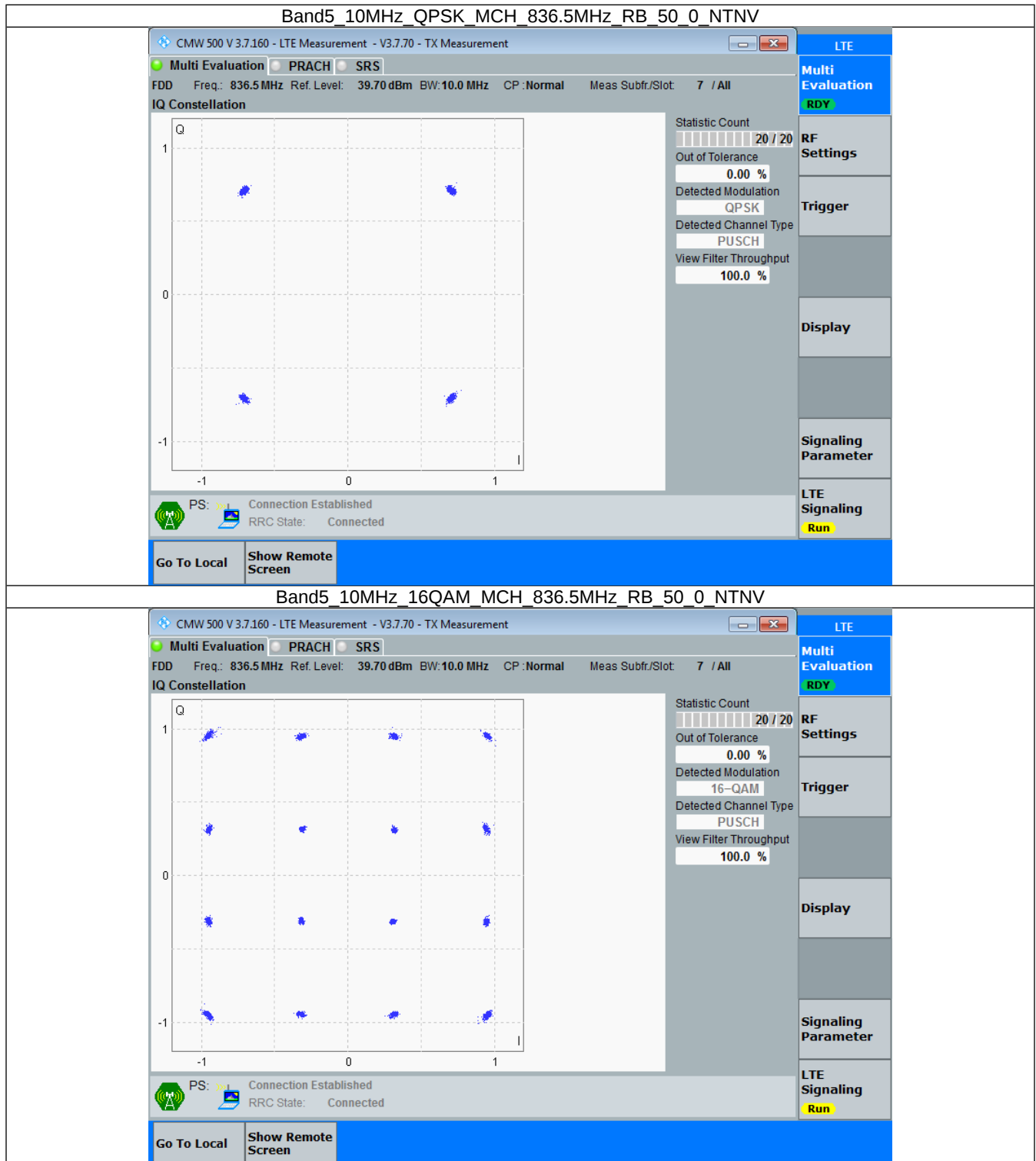


3.4 B5_10MHz

3.4.1 Test Result

Band: 5 / Bandwidth: 10MHz / NTV						
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	50	0	Refer To Test Graph		Pass

3.4.2 Test Graph



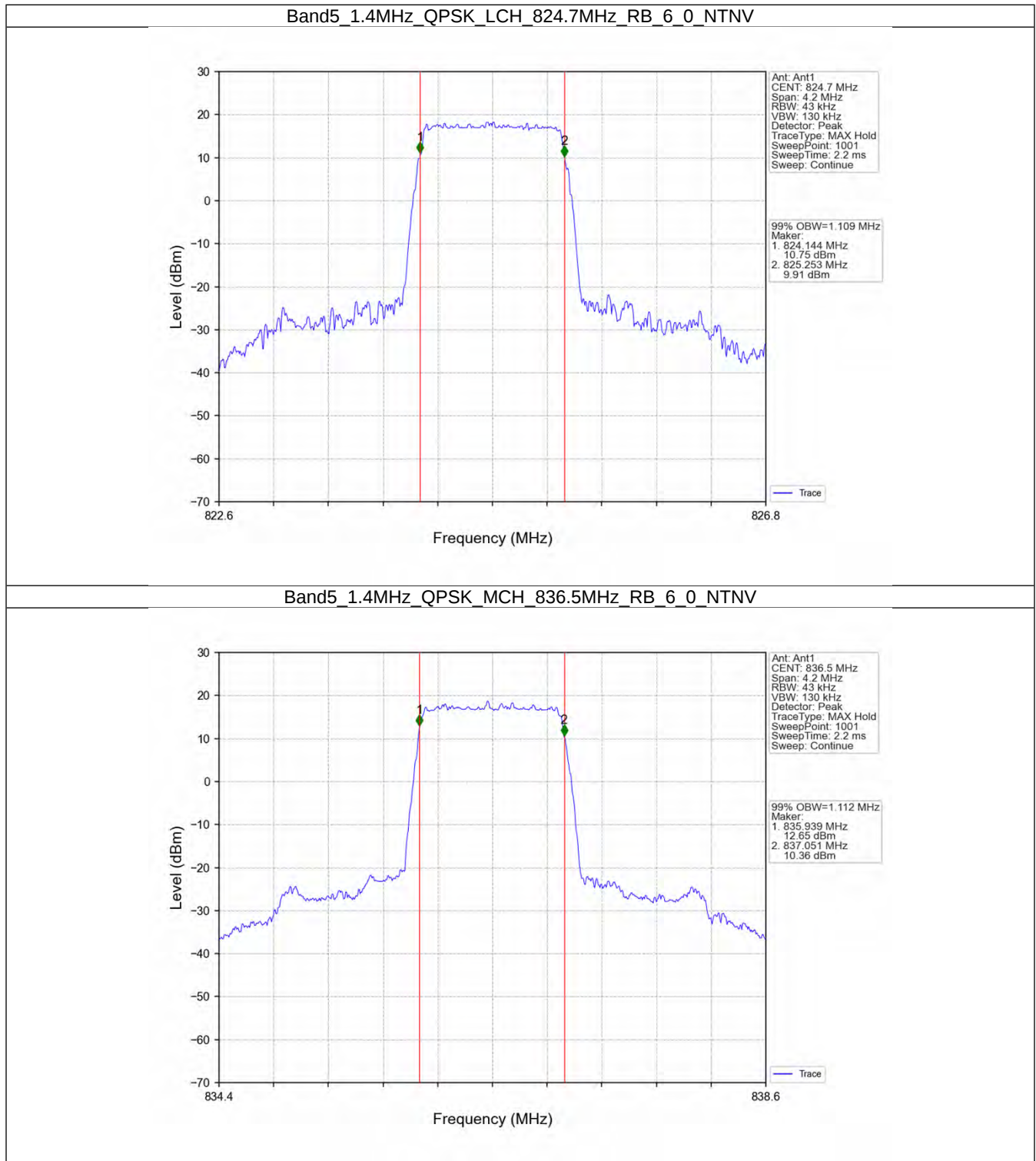
4. 99% & 26dB Bandwidth

4.1 Band5_OBW

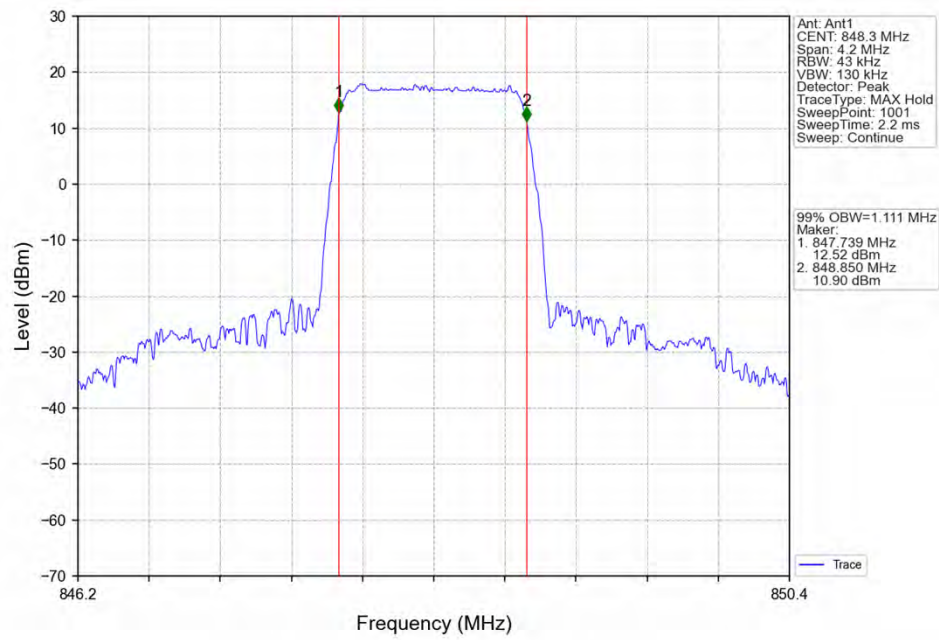
4.1.1 Test Result

Band: 5 / NTN						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	824.7	6	0	1.109	Pass
		836.5	6	0	1.112	Pass
		848.3	6	0	1.111	Pass
	16QAM	824.7	6	0	1.109	Pass
		836.5	6	0	1.119	Pass
		848.3	6	0	1.119	Pass
3	QPSK	825.5	15	0	2.752	Pass
		836.5	15	0	2.763	Pass
		847.5	15	0	2.756	Pass
	16QAM	825.5	15	0	2.776	Pass
		836.5	15	0	2.752	Pass
		847.5	15	0	2.755	Pass
5	QPSK	826.5	25	0	4.553	Pass
		836.5	25	0	4.559	Pass
		846.5	25	0	4.551	Pass
	16QAM	826.5	25	0	4.540	Pass
		836.5	25	0	4.554	Pass
		846.5	25	0	4.571	Pass
10	QPSK	829	50	0	9.051	Pass
		836.5	50	0	9.077	Pass
		844	50	0	9.044	Pass
	16QAM	829	50	0	9.053	Pass
		836.5	50	0	9.102	Pass
		844	50	0	9.040	Pass

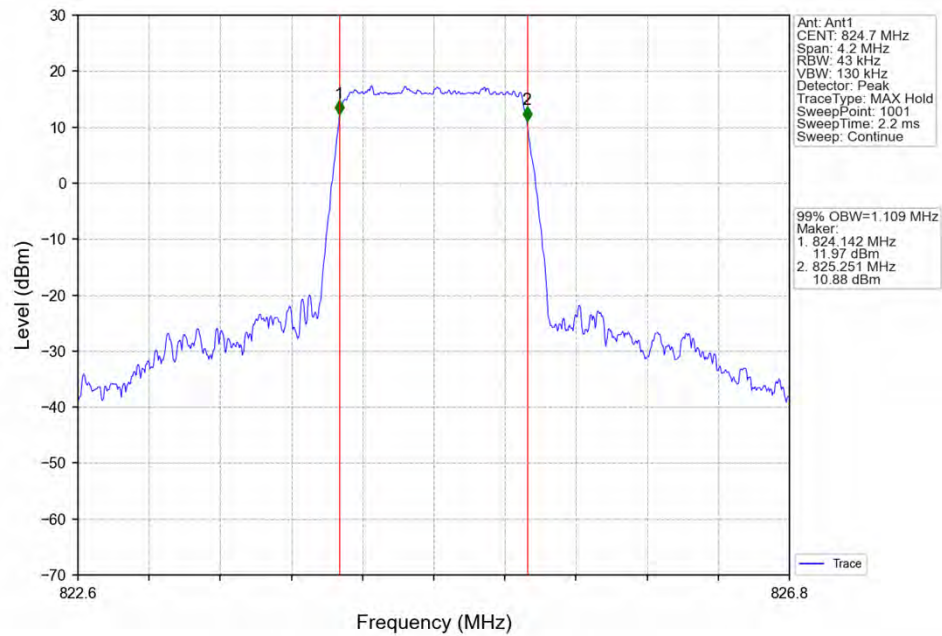
4.1.2 Test Graph



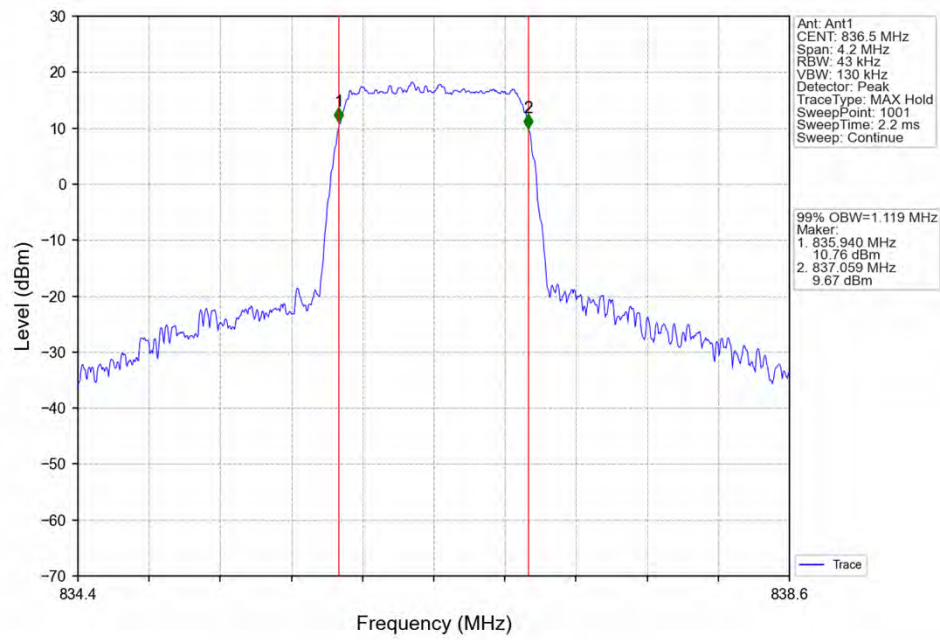
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



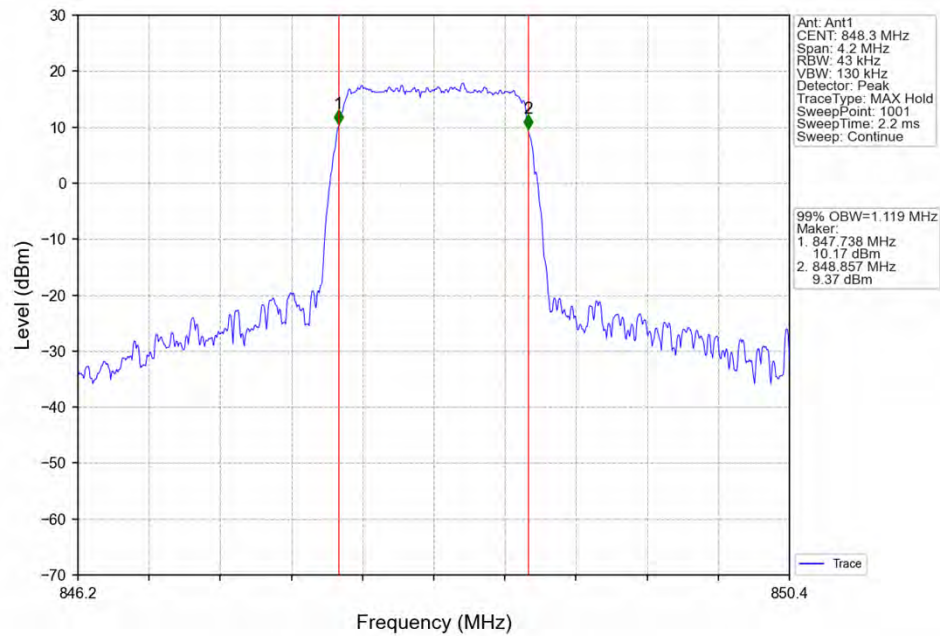
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



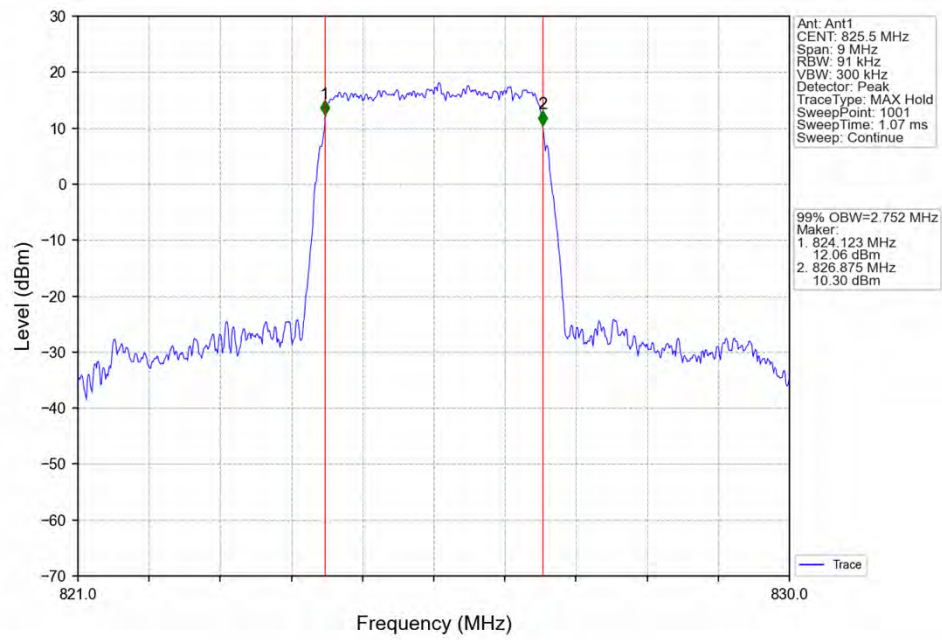
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



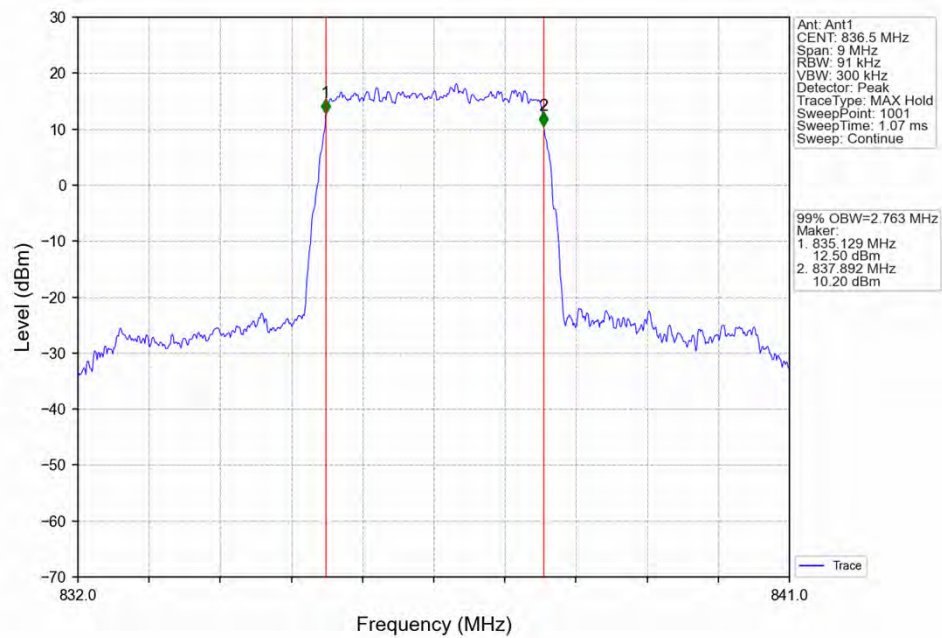
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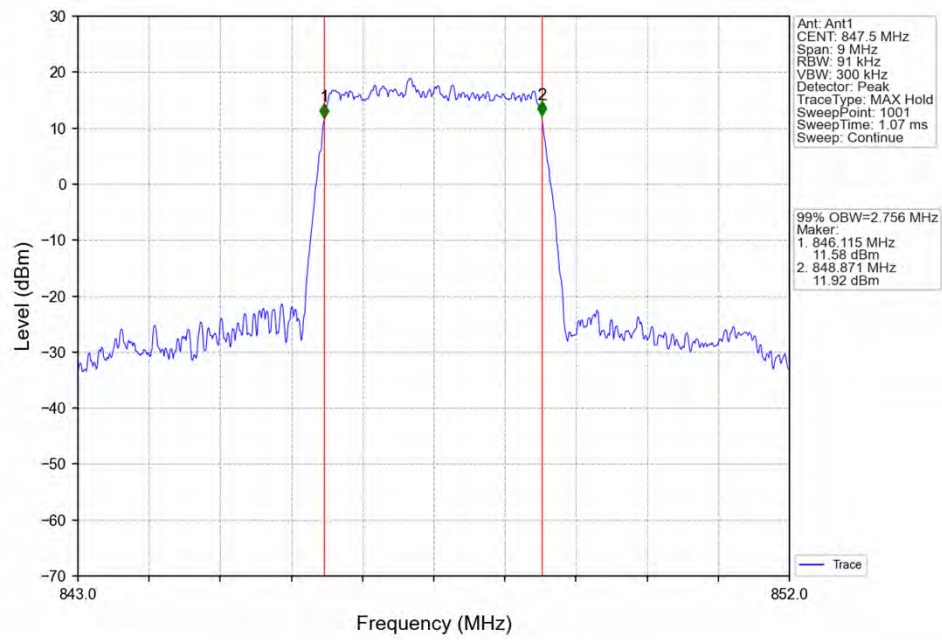
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



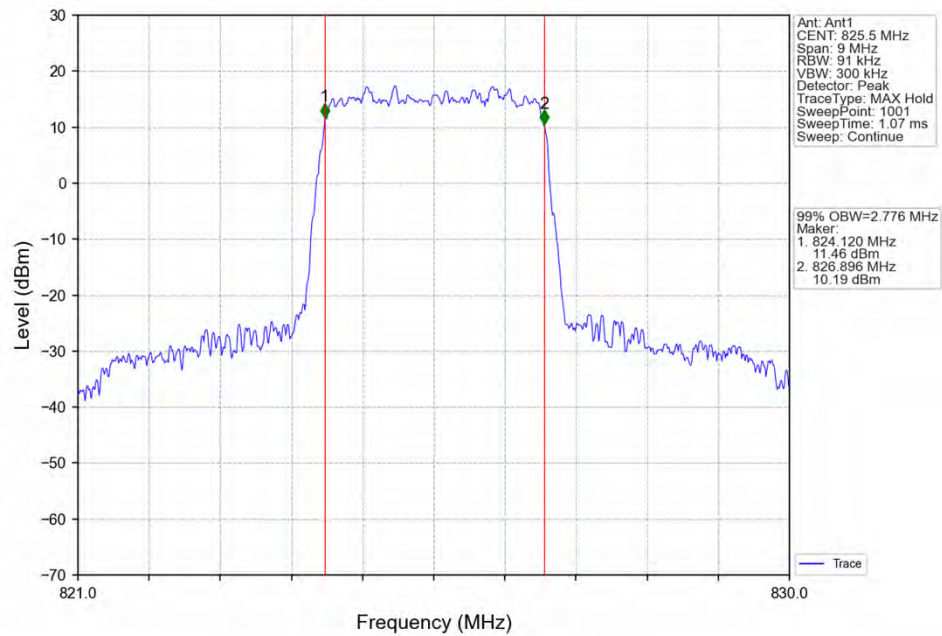
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



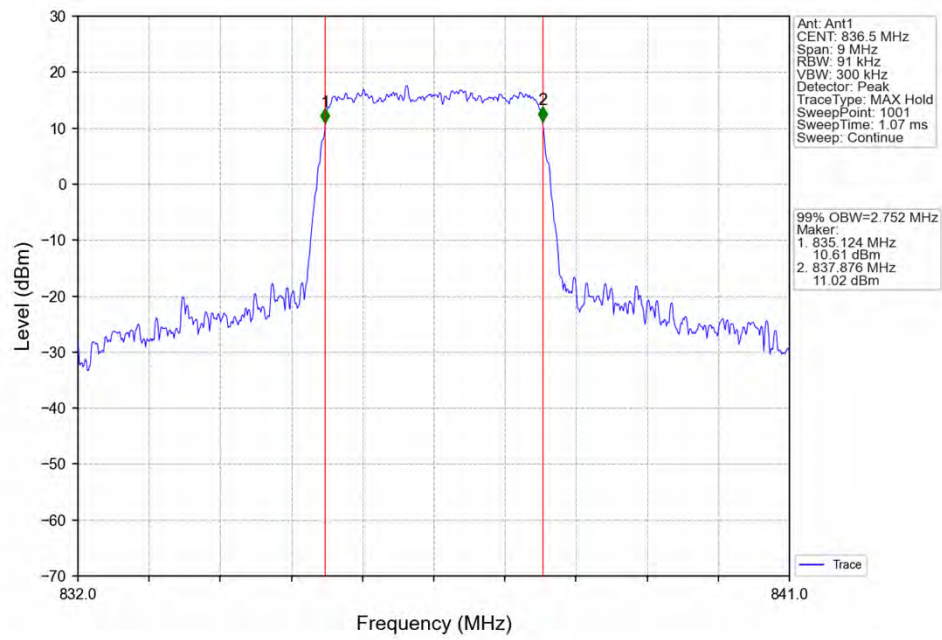
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



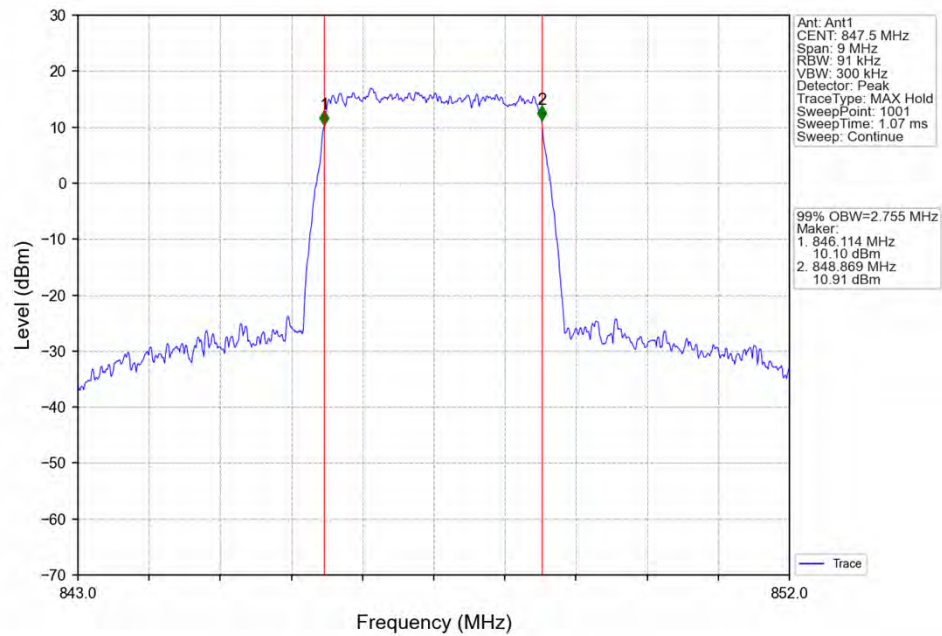
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



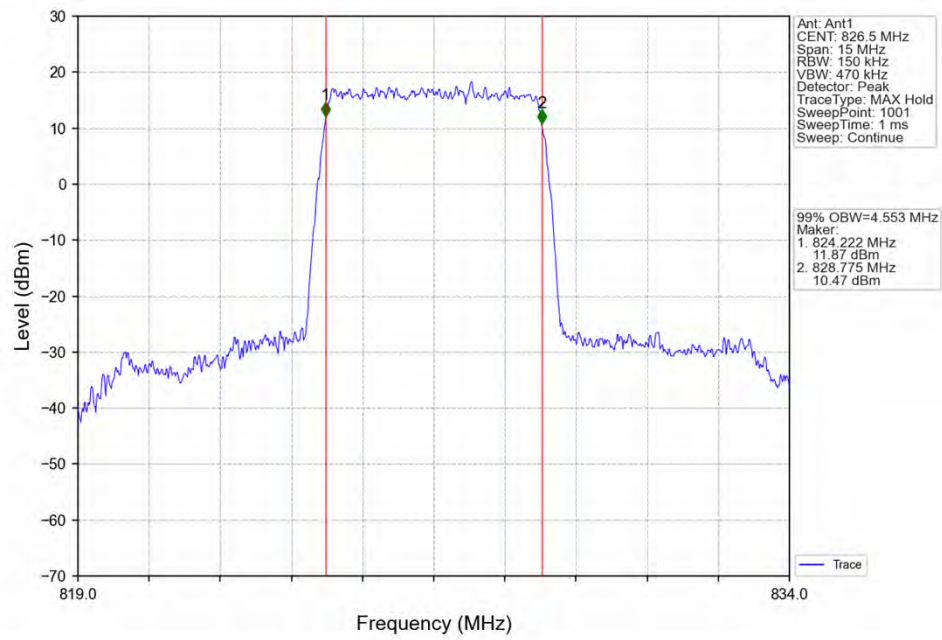
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



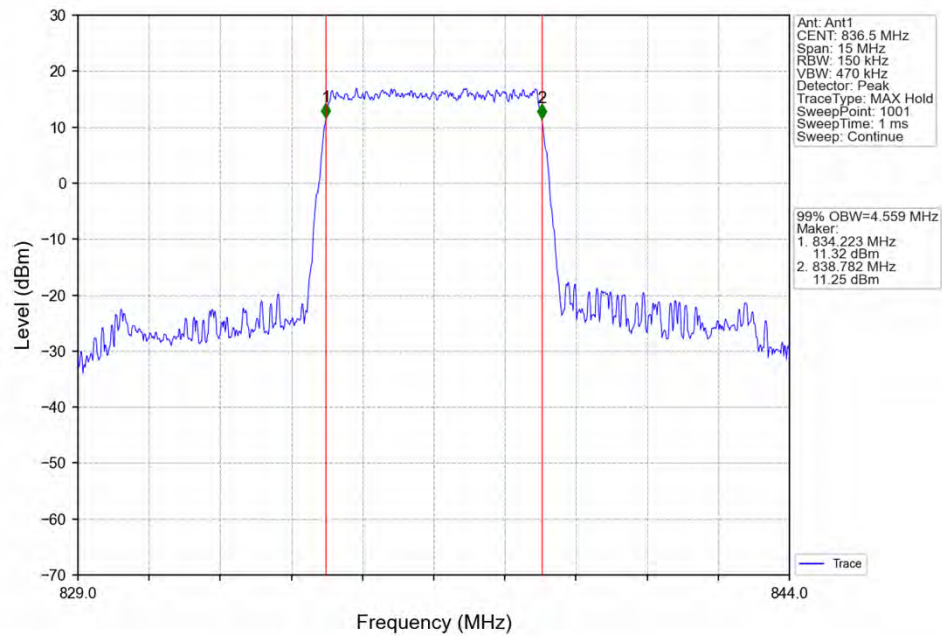
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



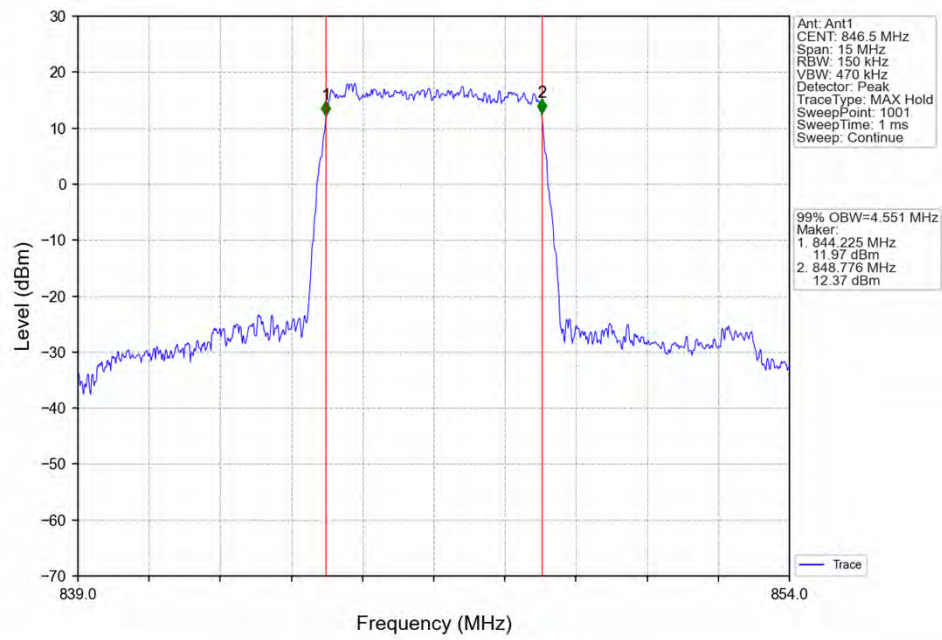
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



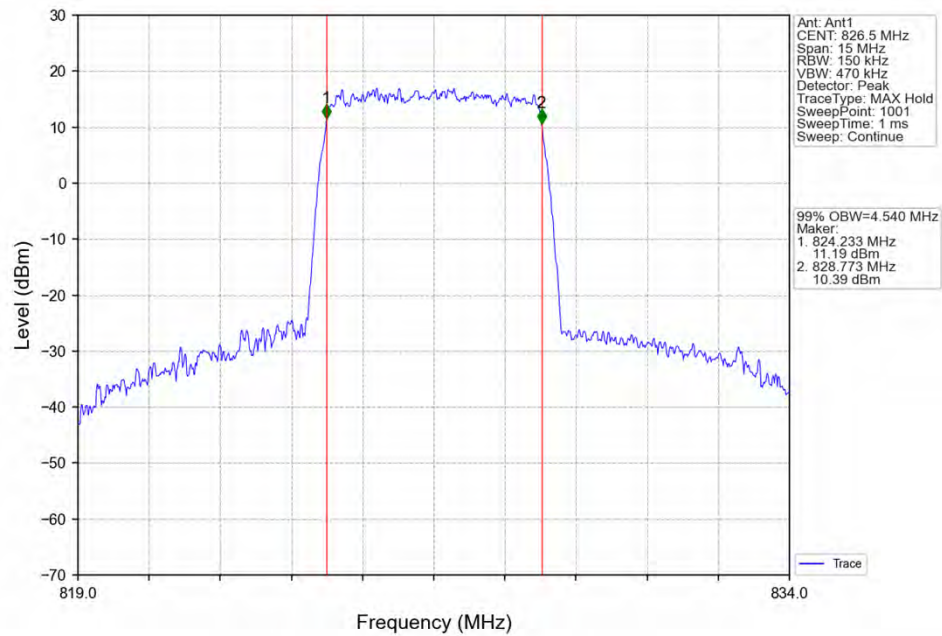
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



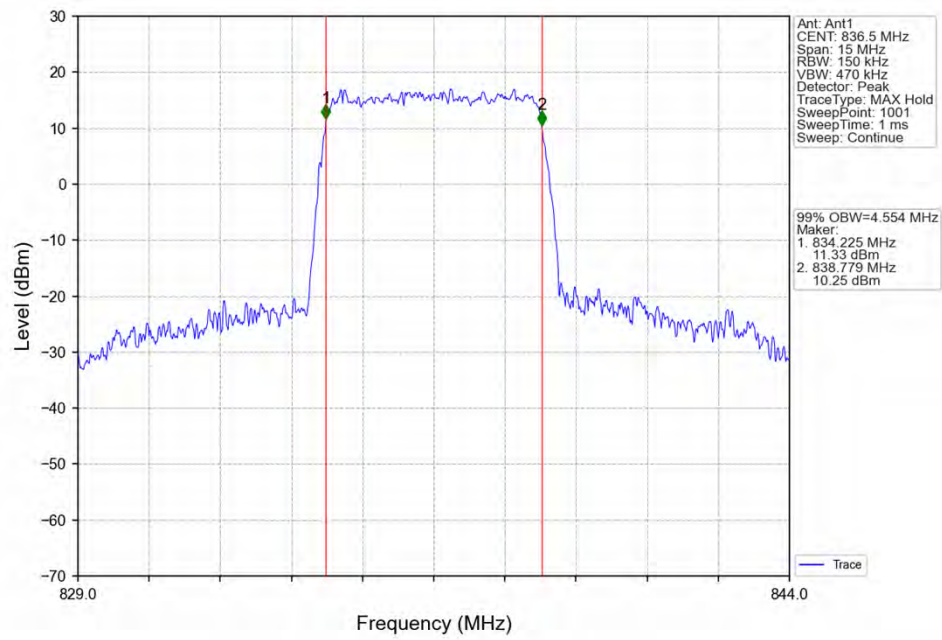
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



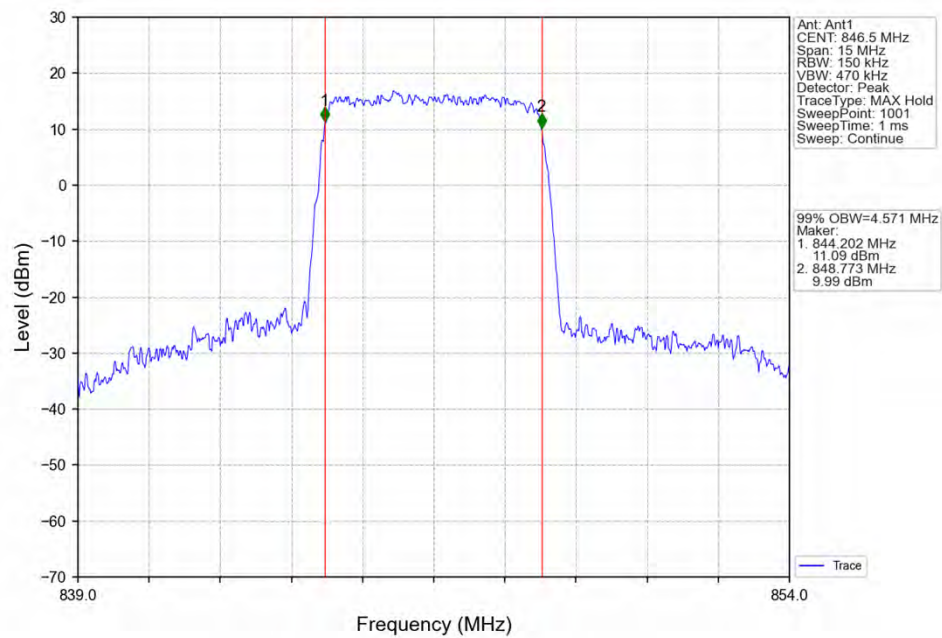
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



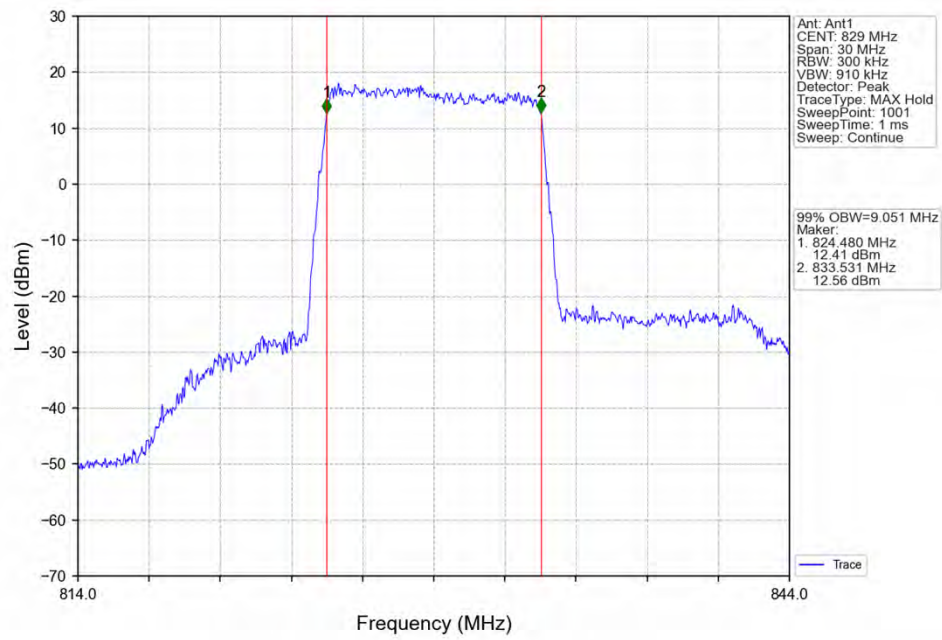
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



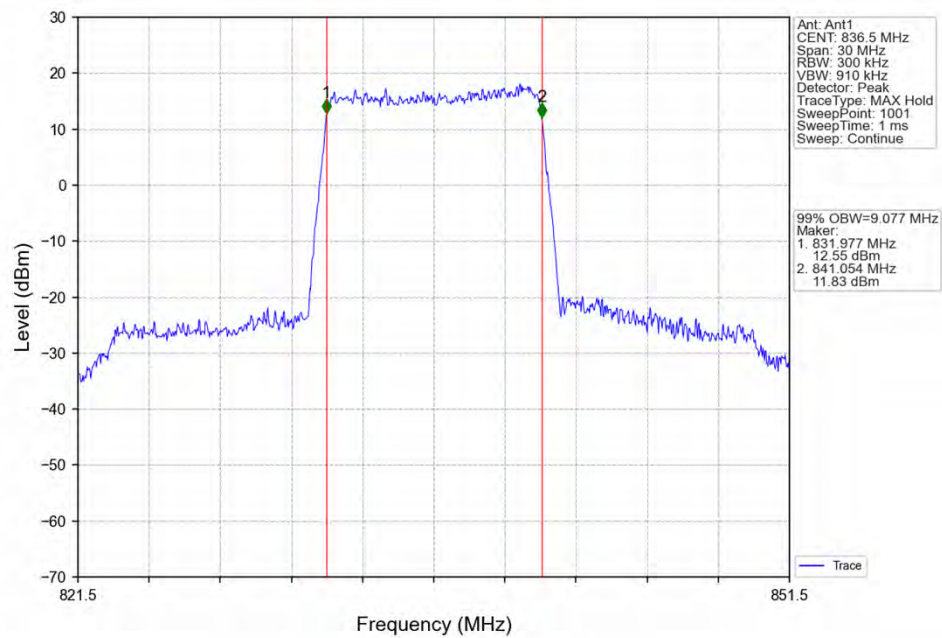
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



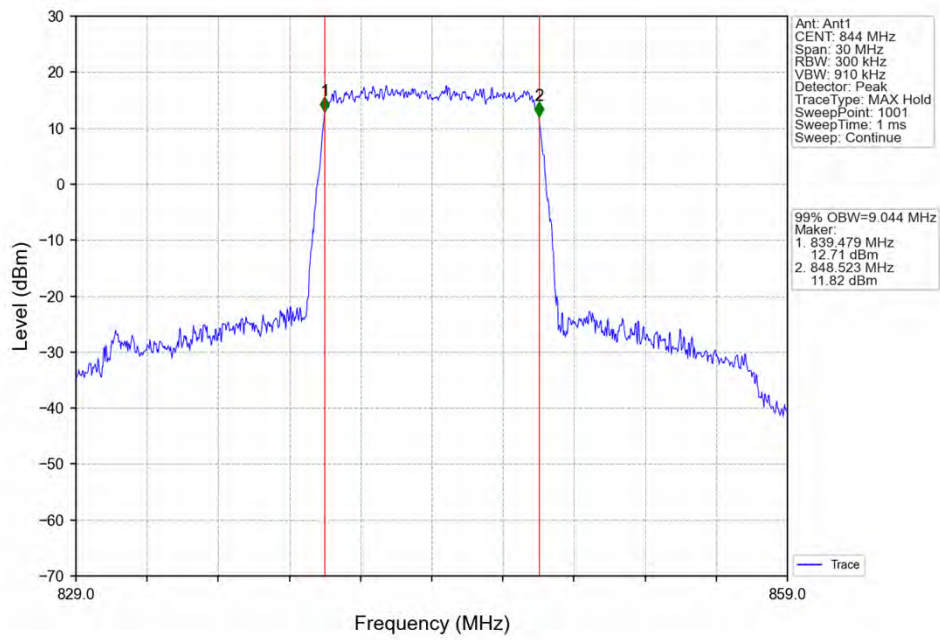
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



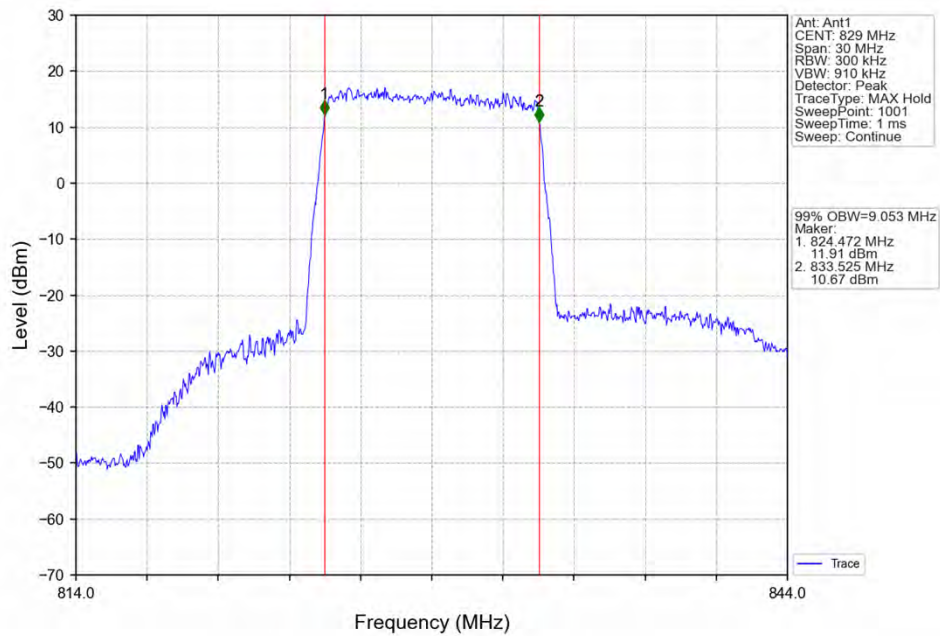
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



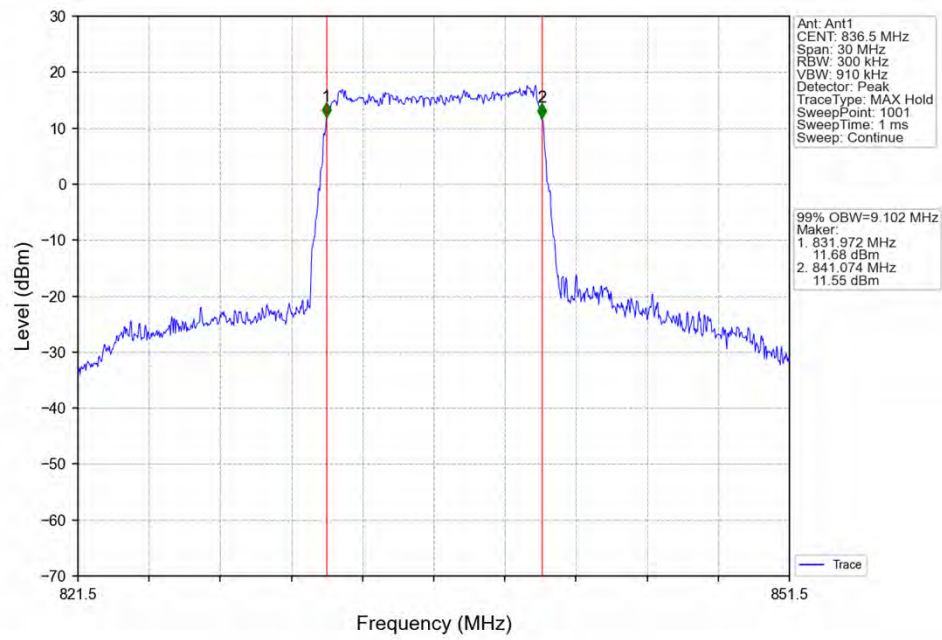
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



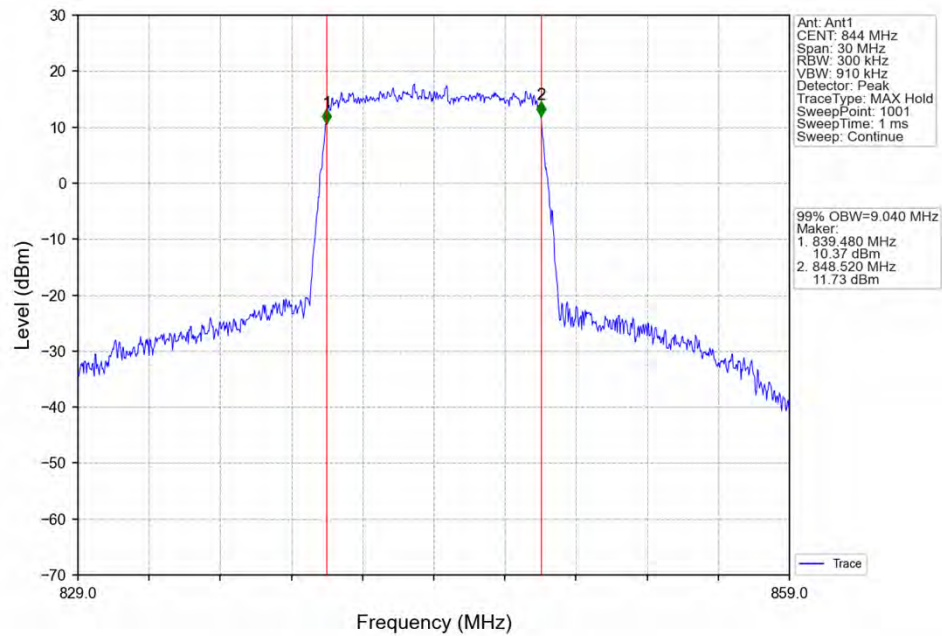
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV

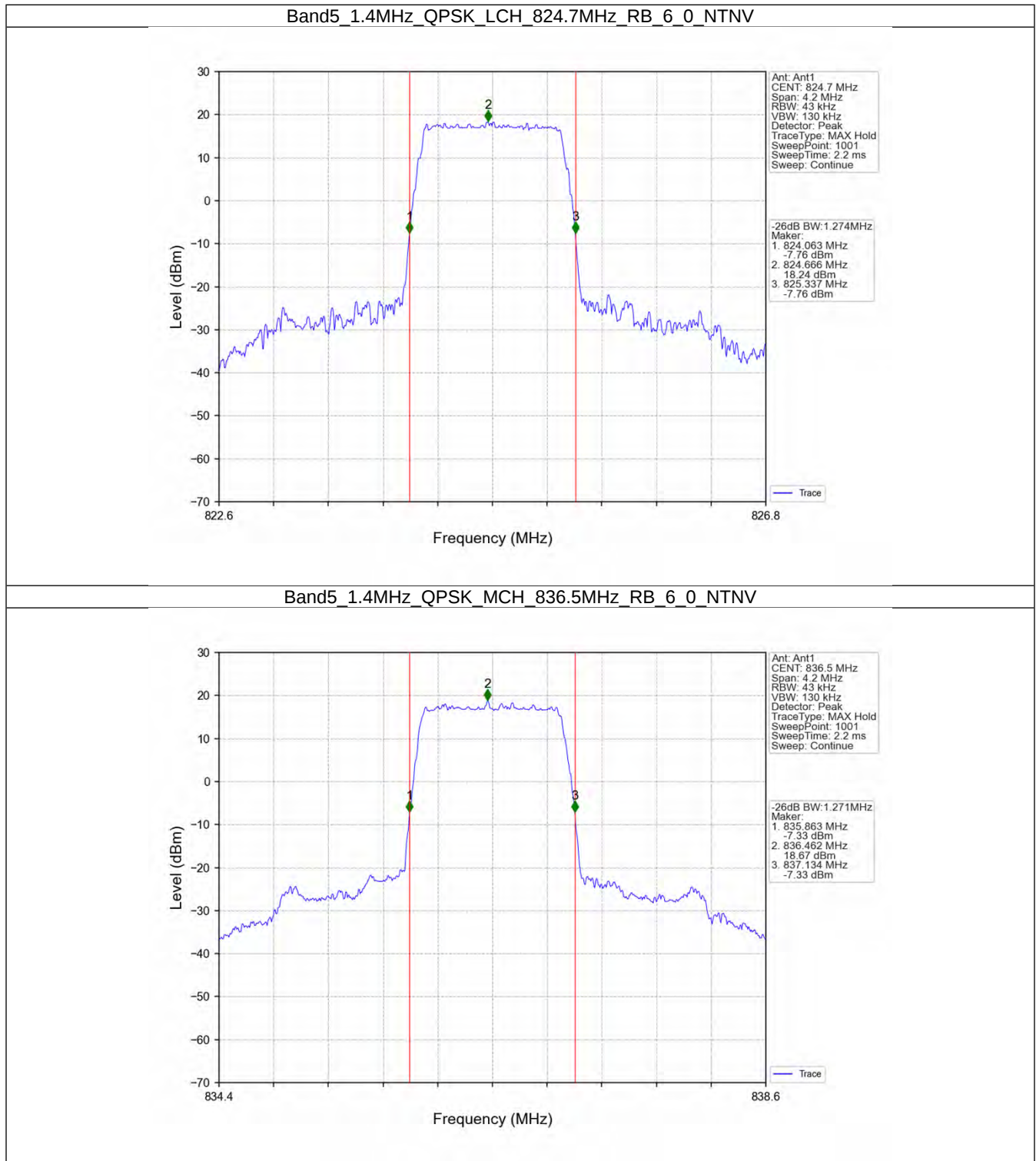


4.2 Band5_XDB

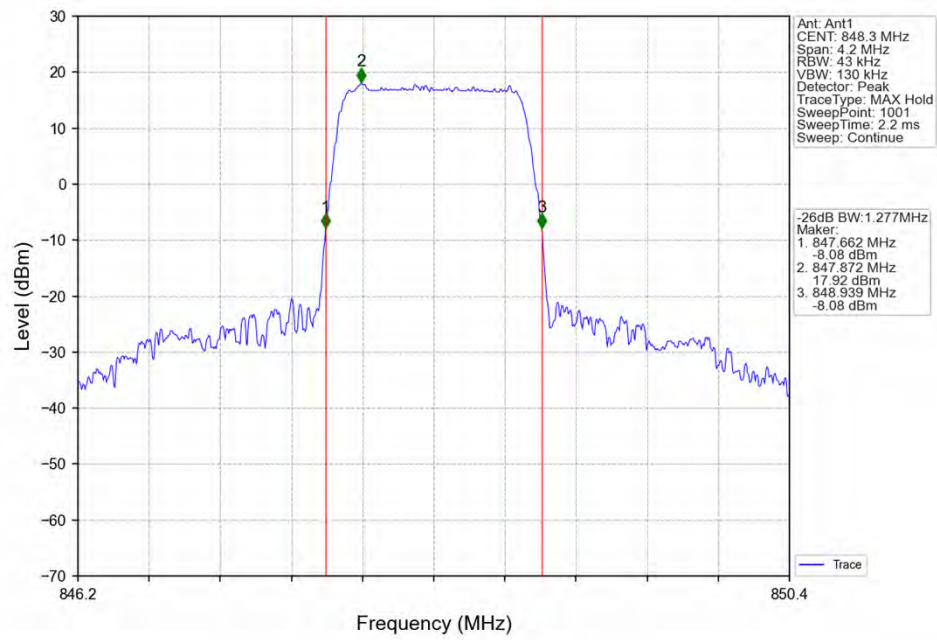
4.2.1 Test Result

Band: 5 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	824.7	6	0	1.274	Pass
		836.5	6	0	1.271	Pass
		848.3	6	0	1.277	Pass
	16QAM	824.7	6	0	1.267	Pass
		836.5	6	0	1.279	Pass
		848.3	6	0	1.281	Pass
3	QPSK	825.5	15	0	3.090	Pass
		836.5	15	0	3.116	Pass
		847.5	15	0	3.083	Pass
	16QAM	825.5	15	0	3.098	Pass
		836.5	15	0	3.094	Pass
		847.5	15	0	3.110	Pass
5	QPSK	826.5	25	0	5.043	Pass
		836.5	25	0	5.089	Pass
		846.5	25	0	5.047	Pass
	16QAM	826.5	25	0	5.054	Pass
		836.5	25	0	5.080	Pass
		846.5	25	0	5.079	Pass
10	QPSK	829	50	0	9.980	Pass
		836.5	50	0	10.066	Pass
		844	50	0	10.085	Pass
	16QAM	829	50	0	10.058	Pass
		836.5	50	0	10.022	Pass
		844	50	0	10.016	Pass

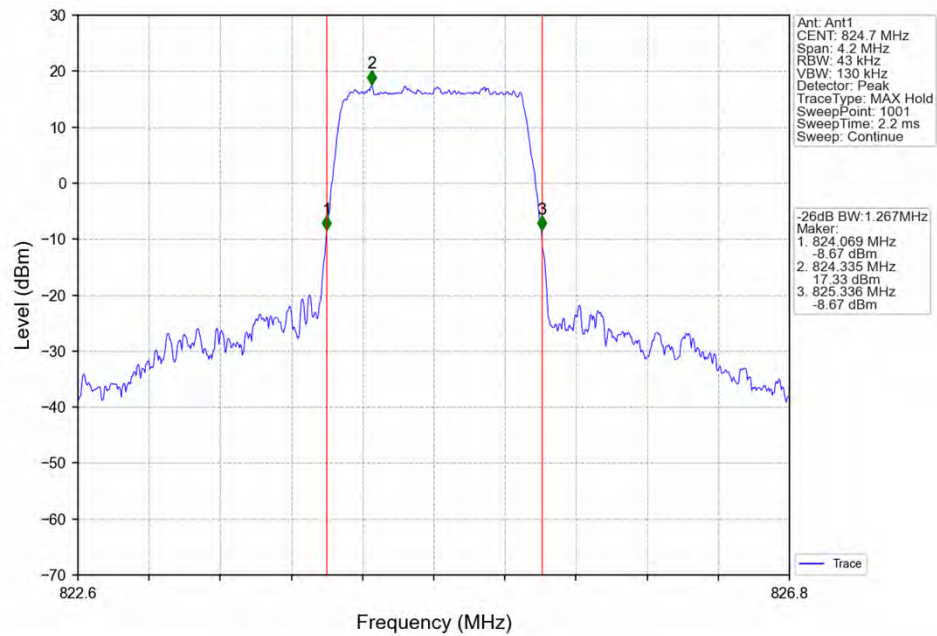
4.2.2 Test Graph



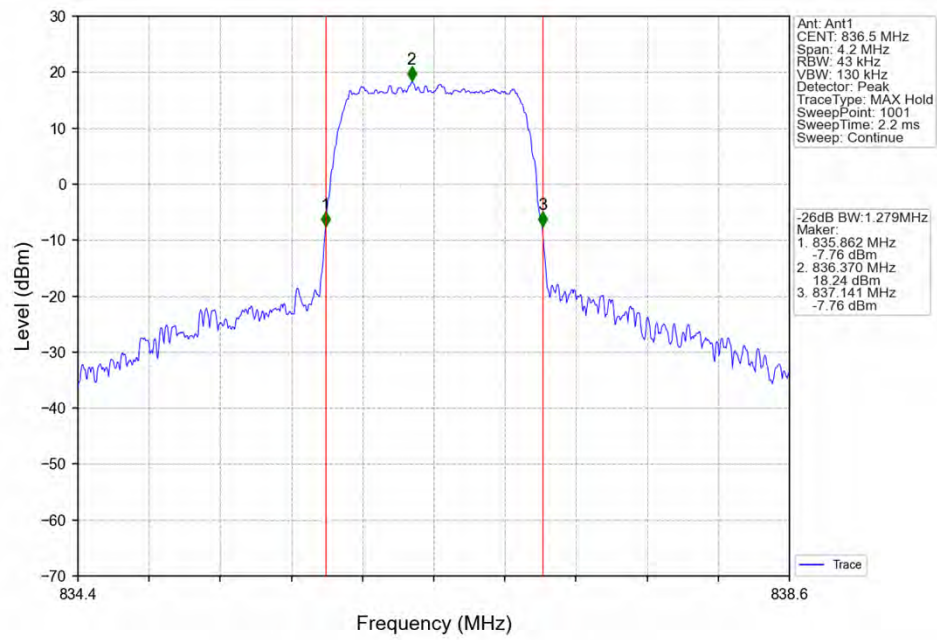
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



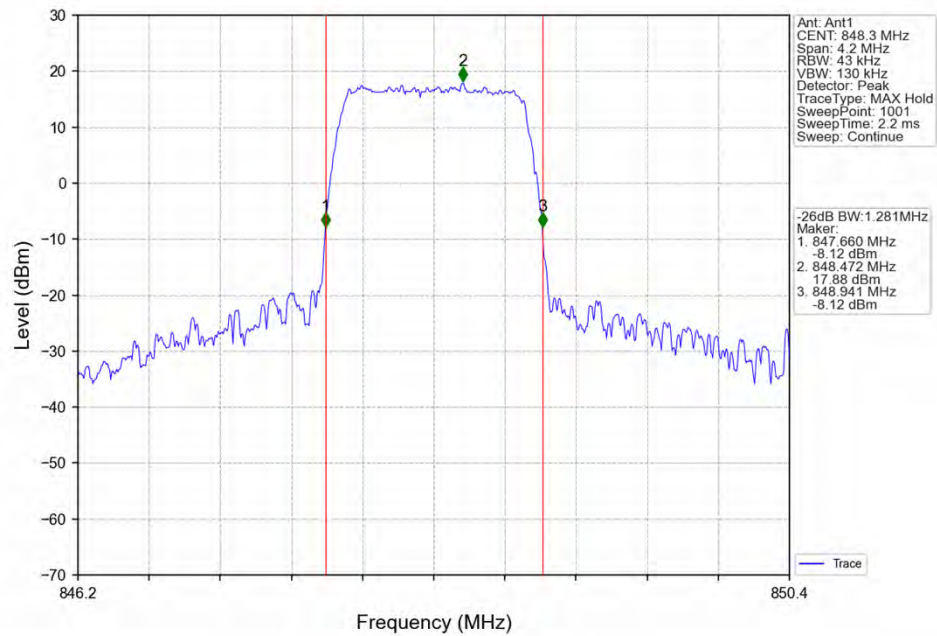
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



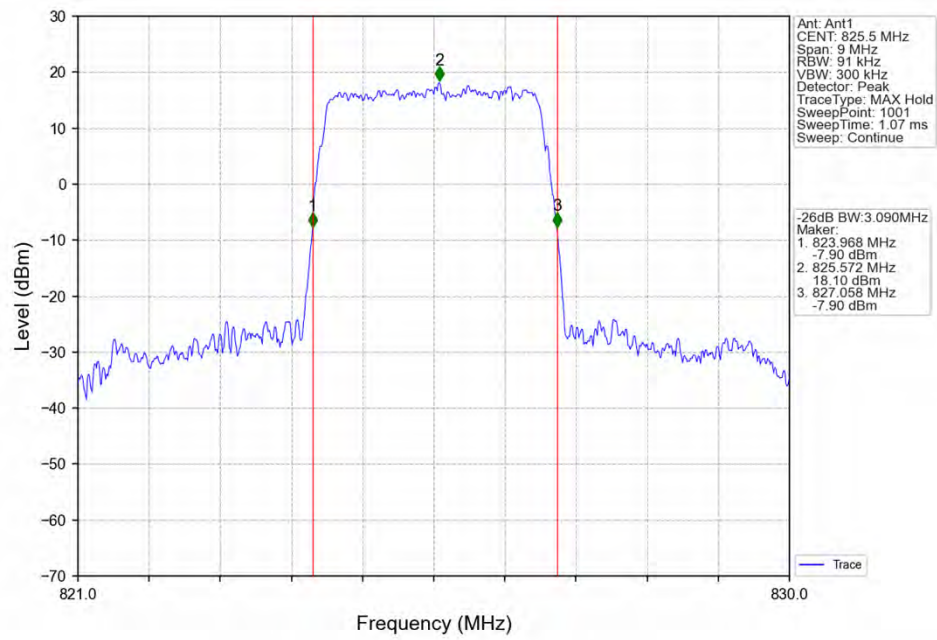
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



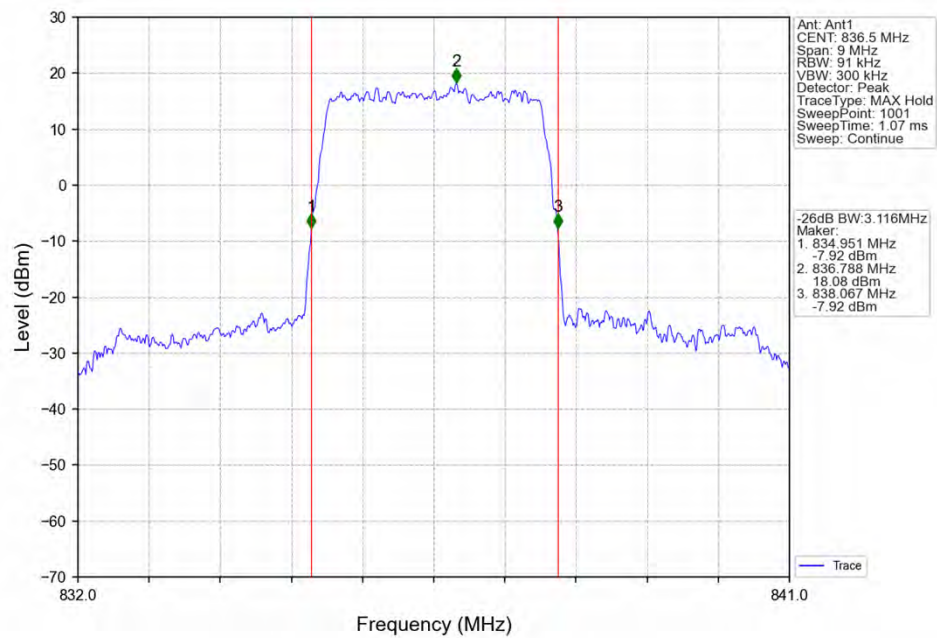
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



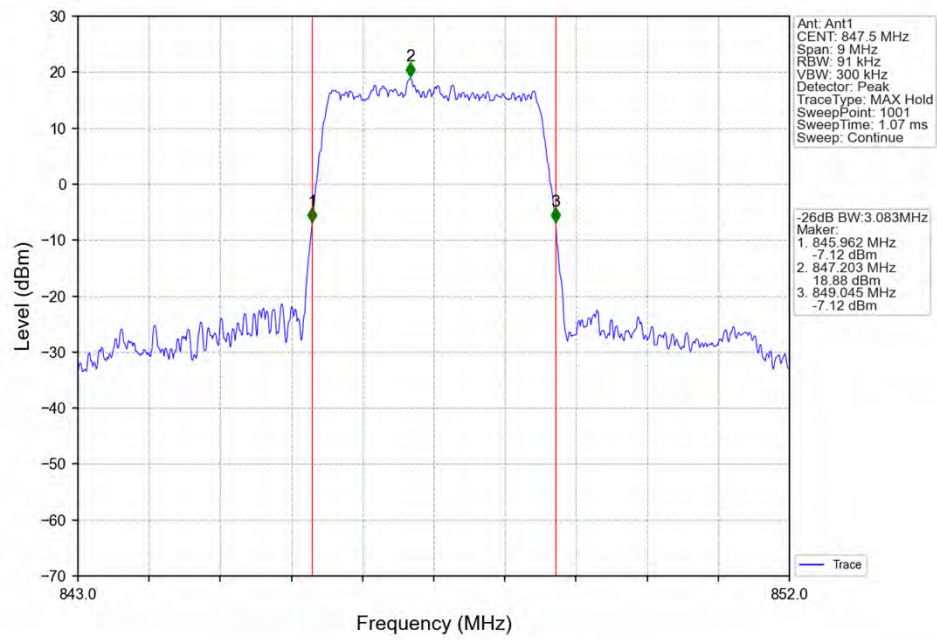
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



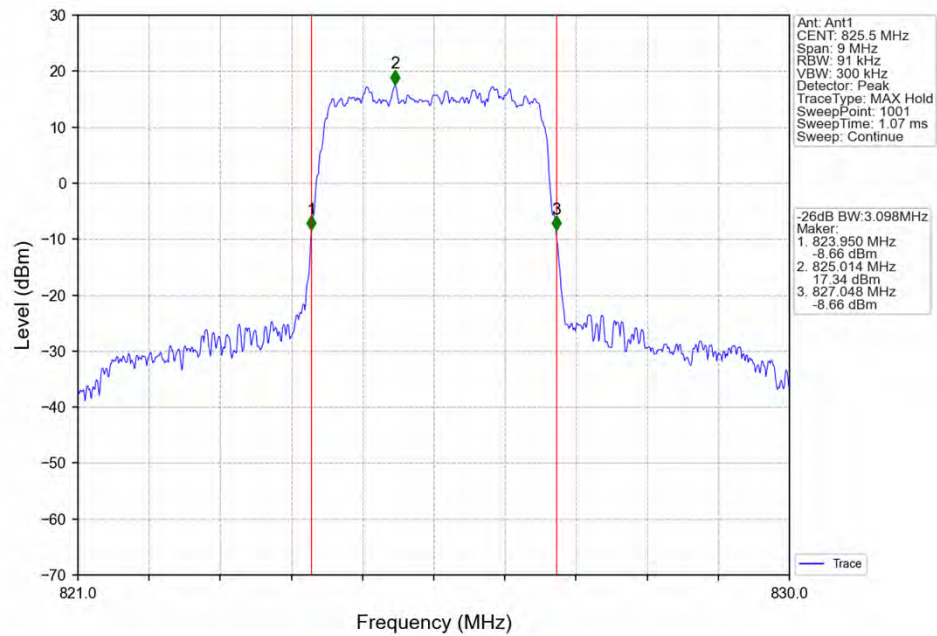
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



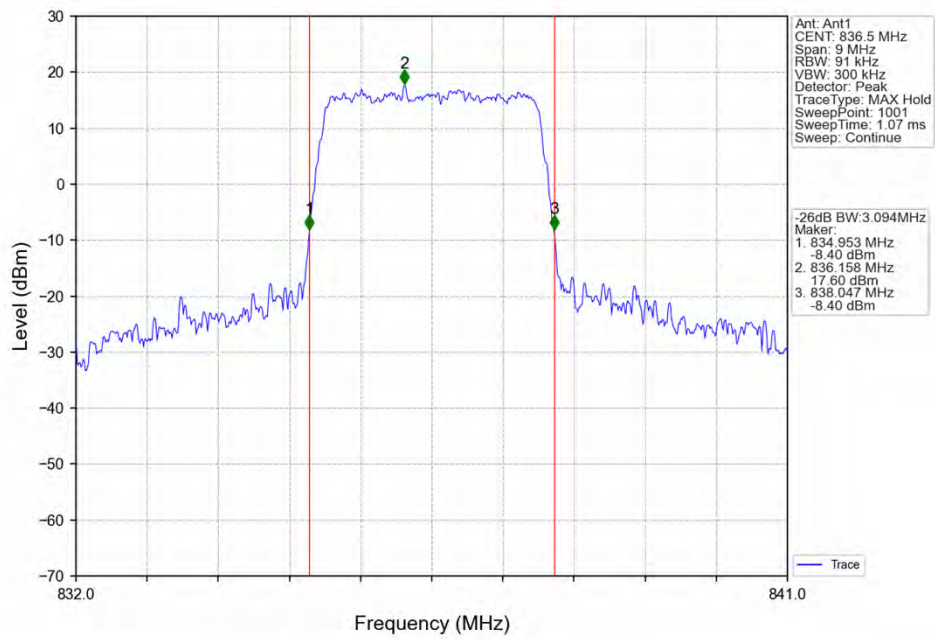
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



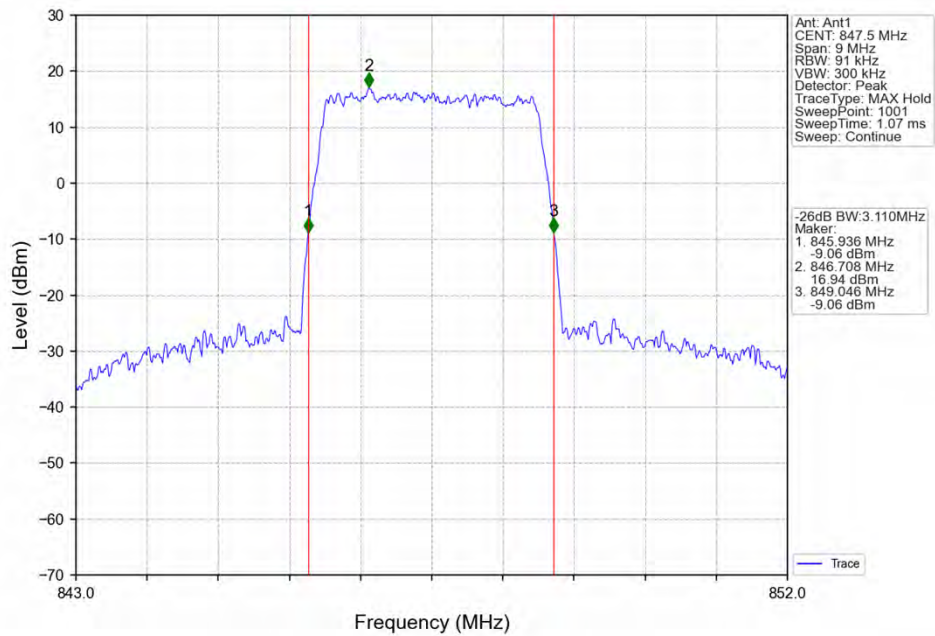
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



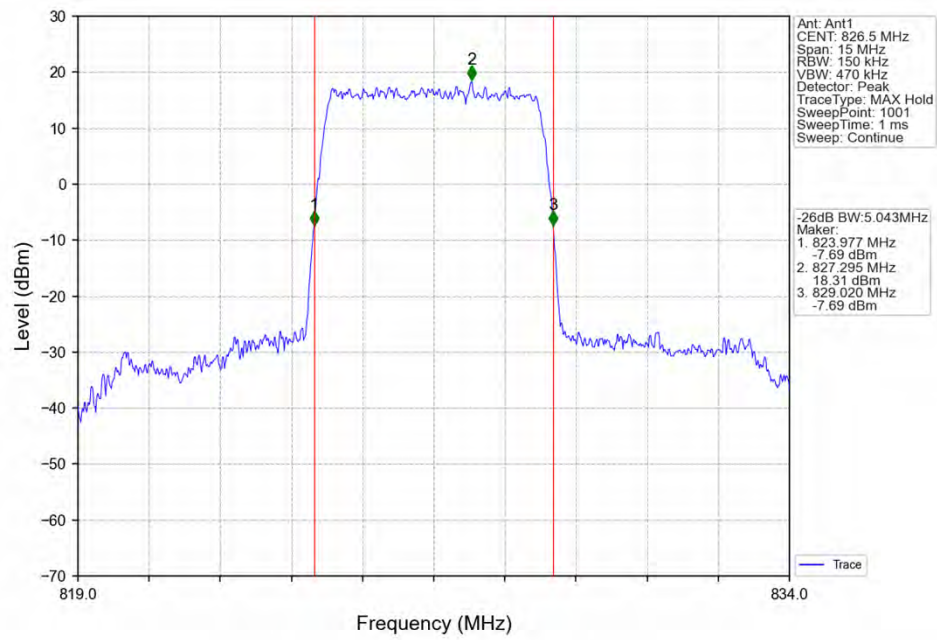
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



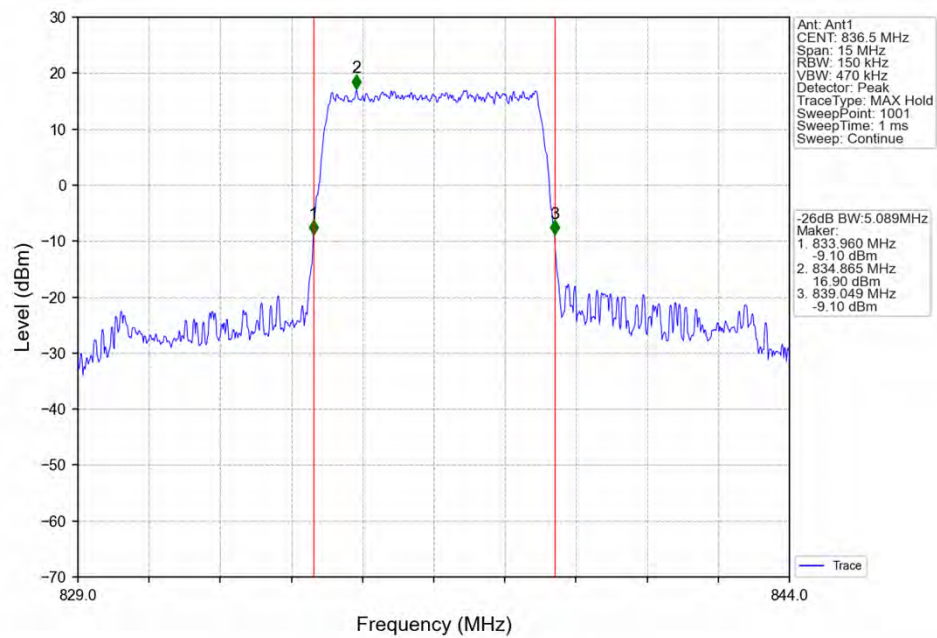
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



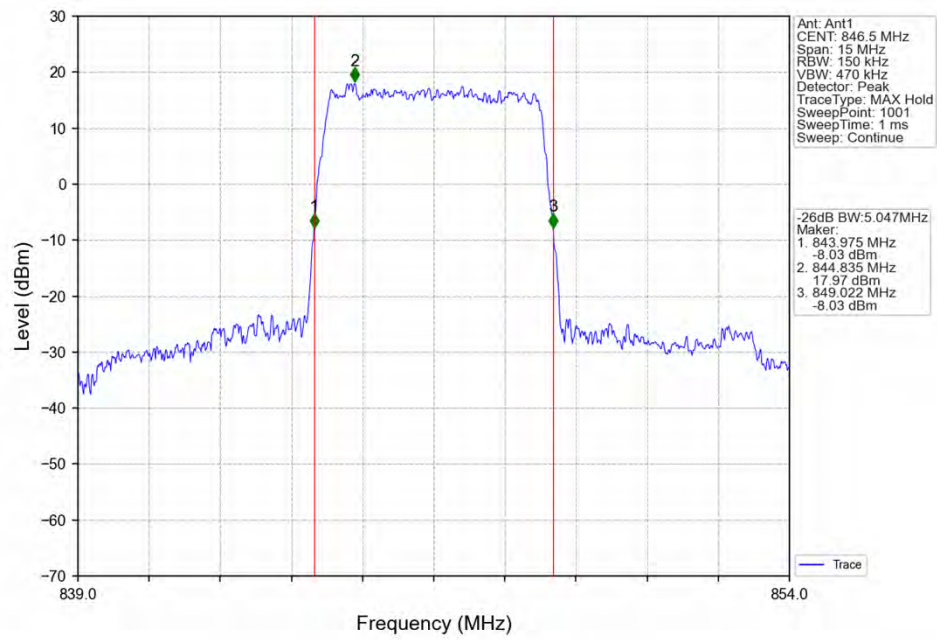
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



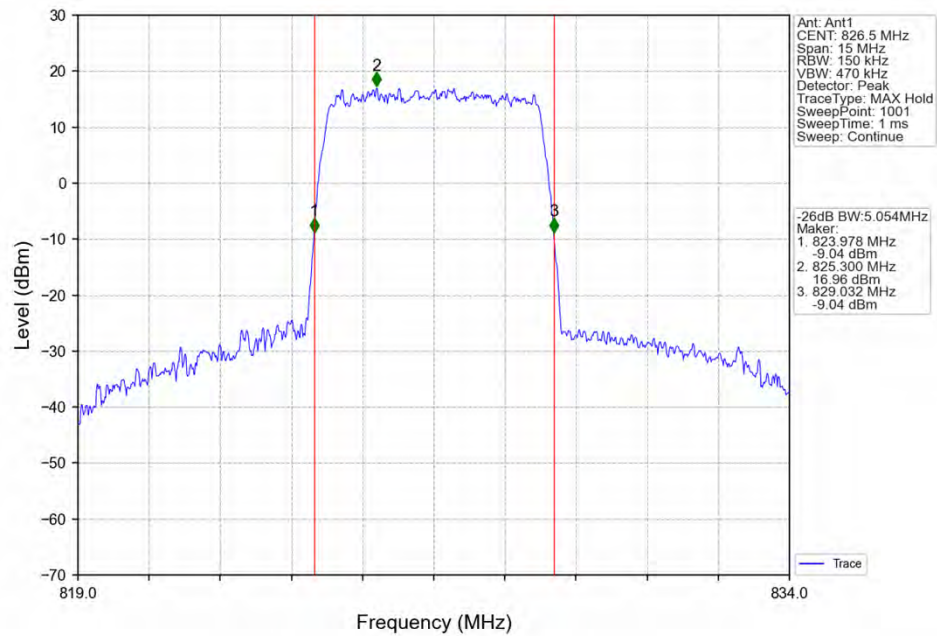
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



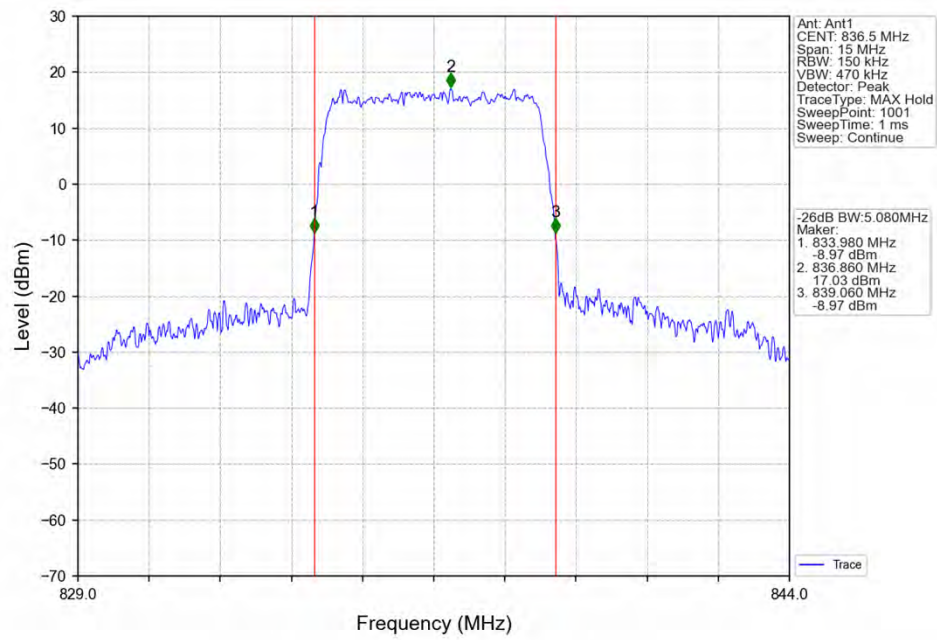
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



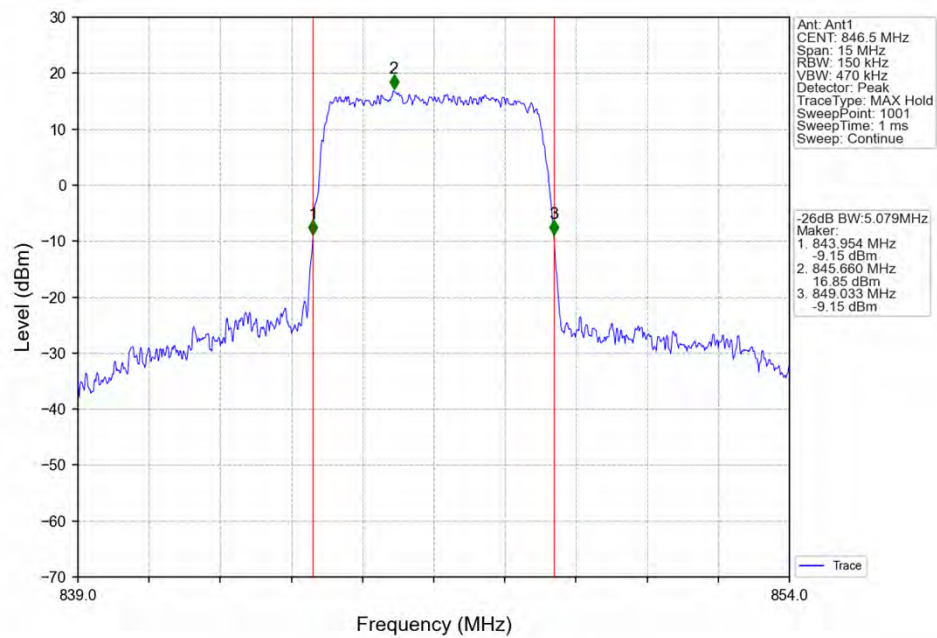
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



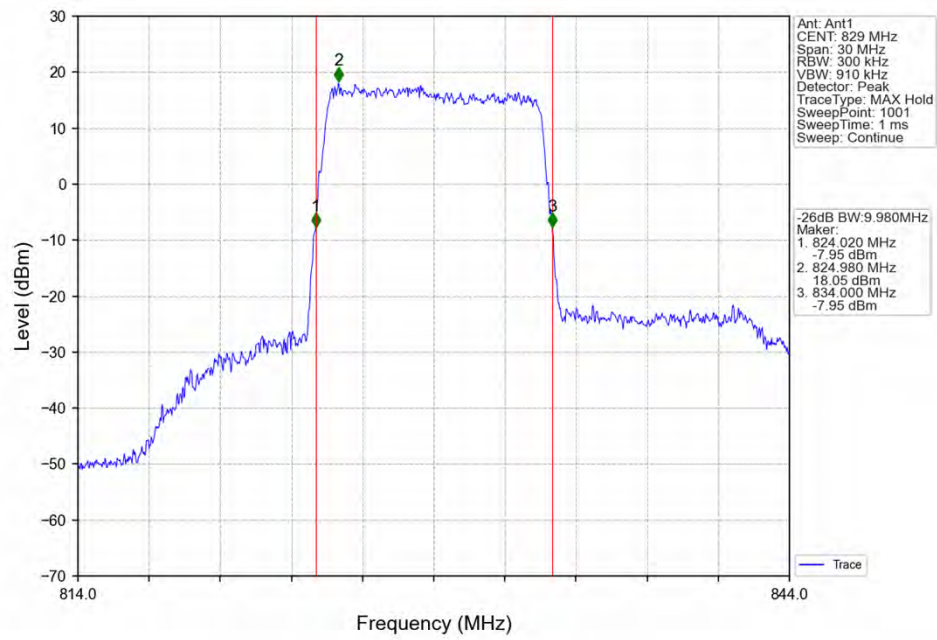
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



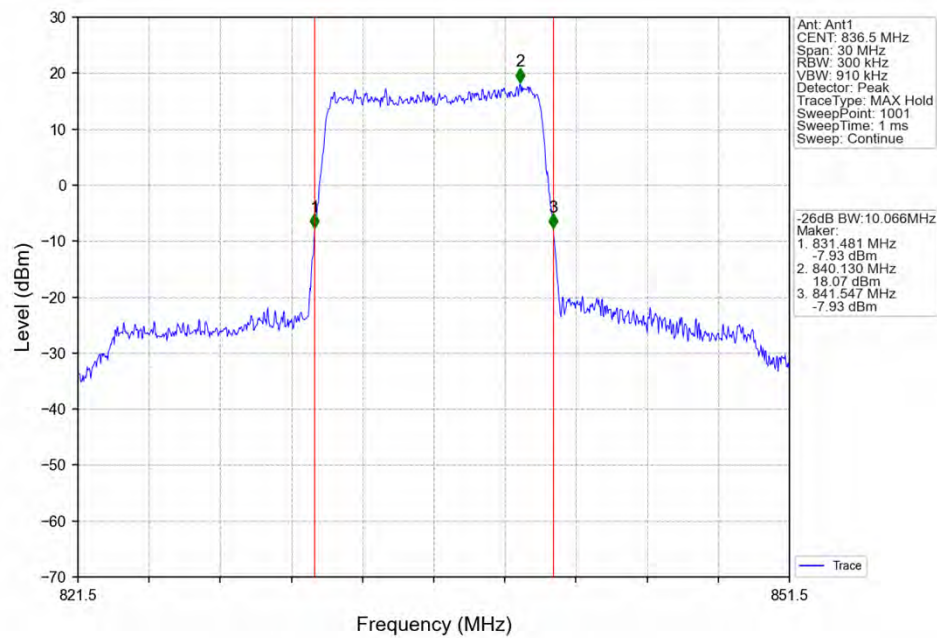
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



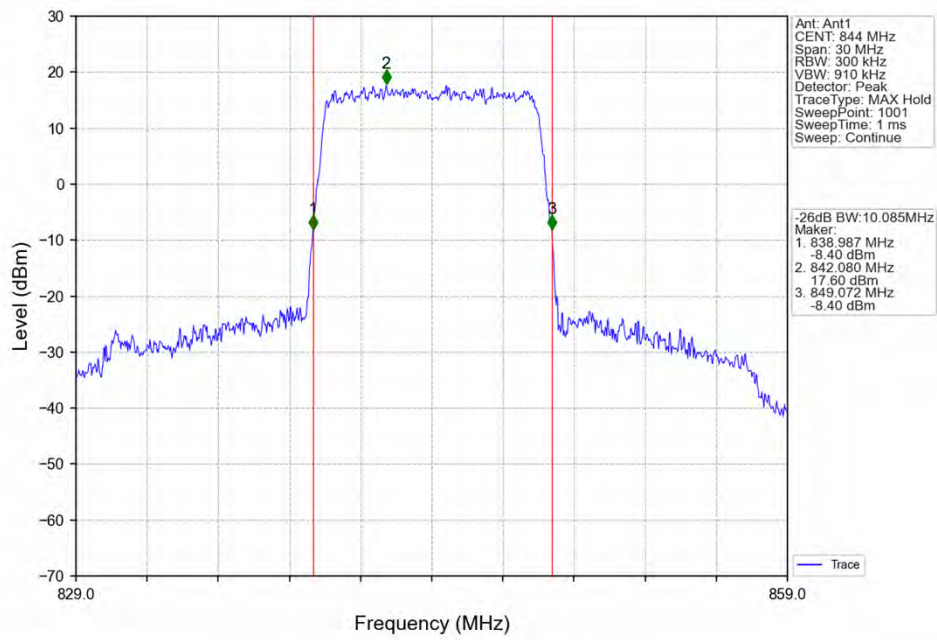
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



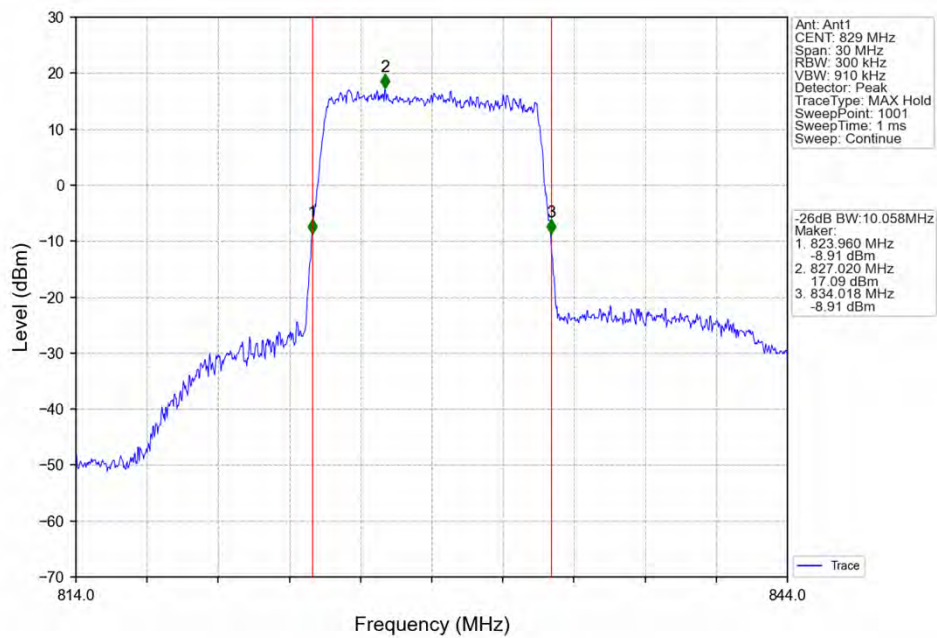
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



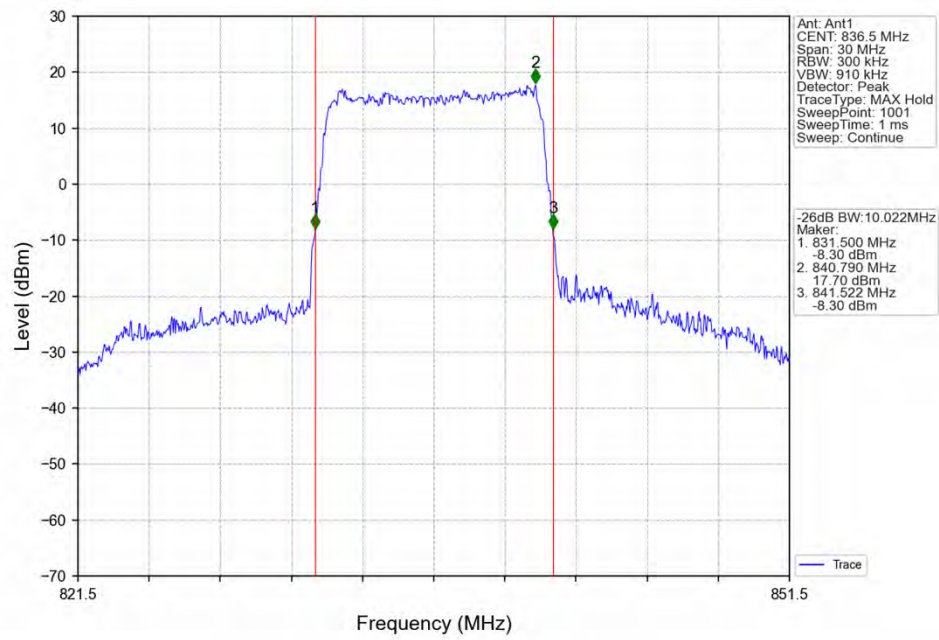
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



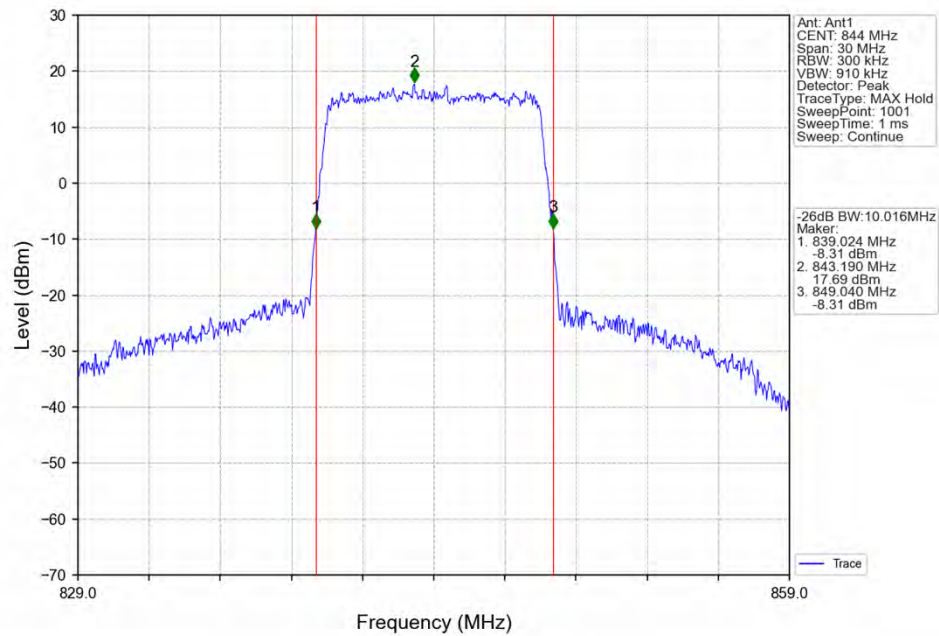
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



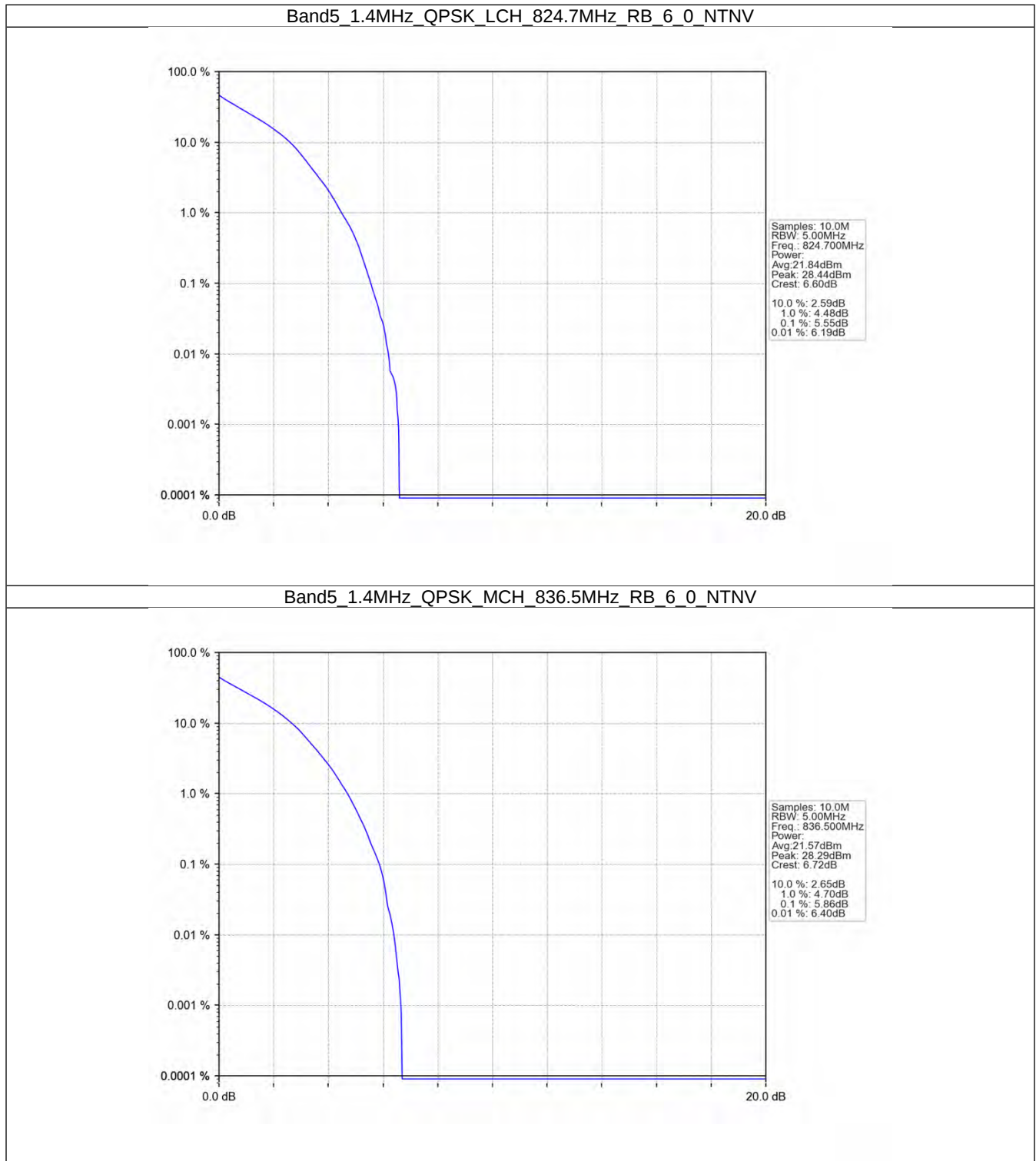
5. Peak-Average Ratio

5.1 B5_1.4MHz

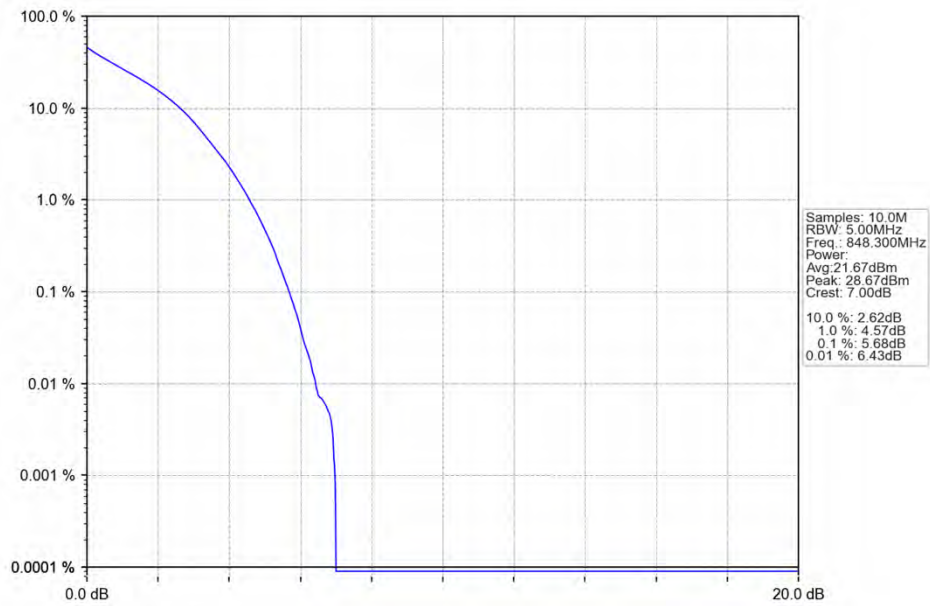
5.1.1 Test Result

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	5.55	<=13	Pass
	836.5	6	0	5.86	<=13	Pass
	848.3	6	0	5.68	<=13	Pass
16QAM	824.7	6	0	6.42	<=13	Pass
	836.5	6	0	6.49	<=13	Pass
	848.3	6	0	6.34	<=13	Pass

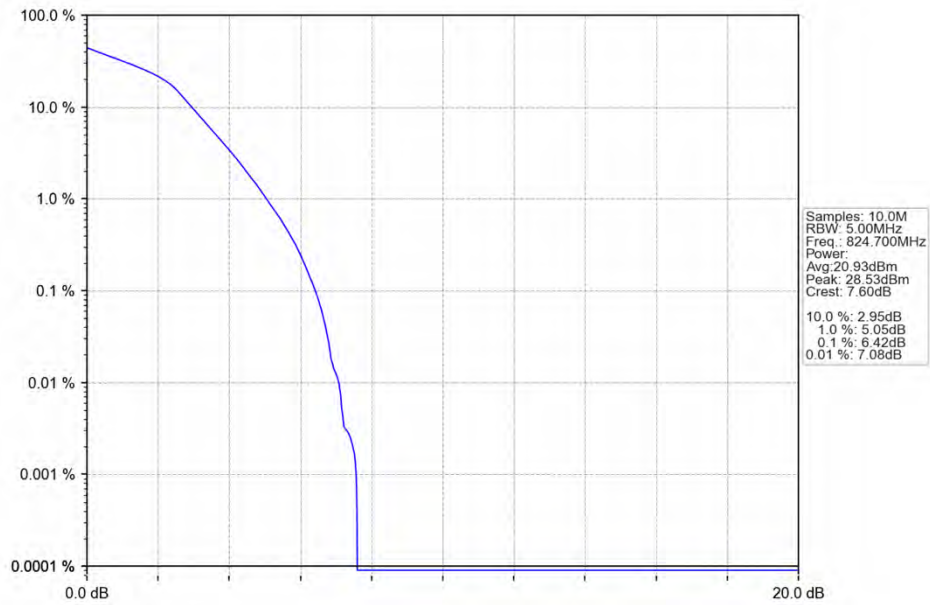
5.1.2 Test Graph



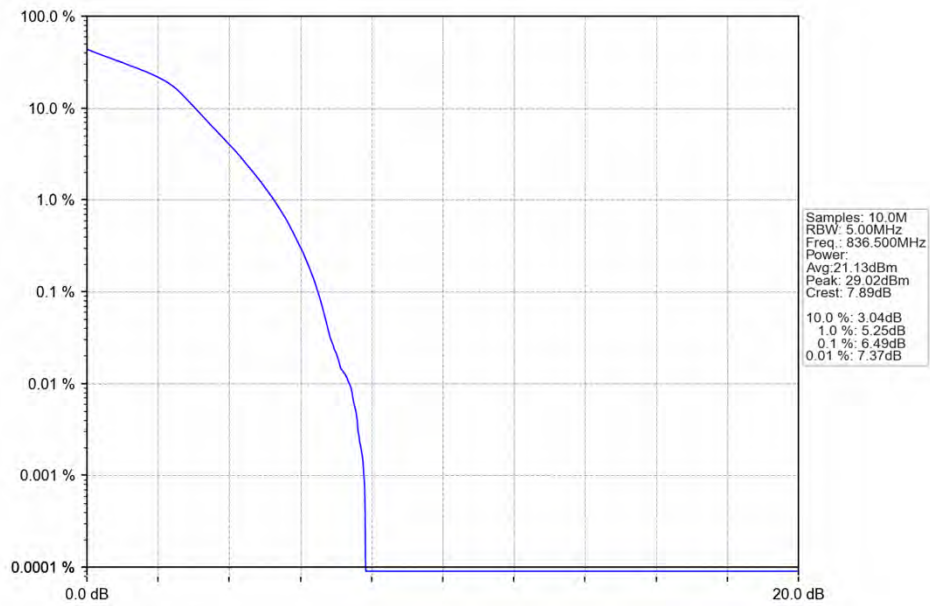
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



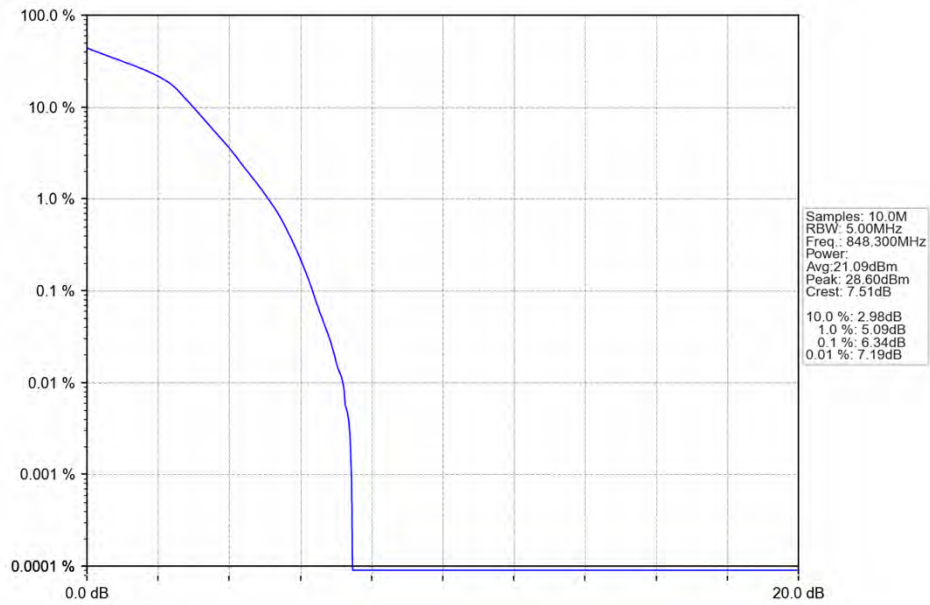
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV

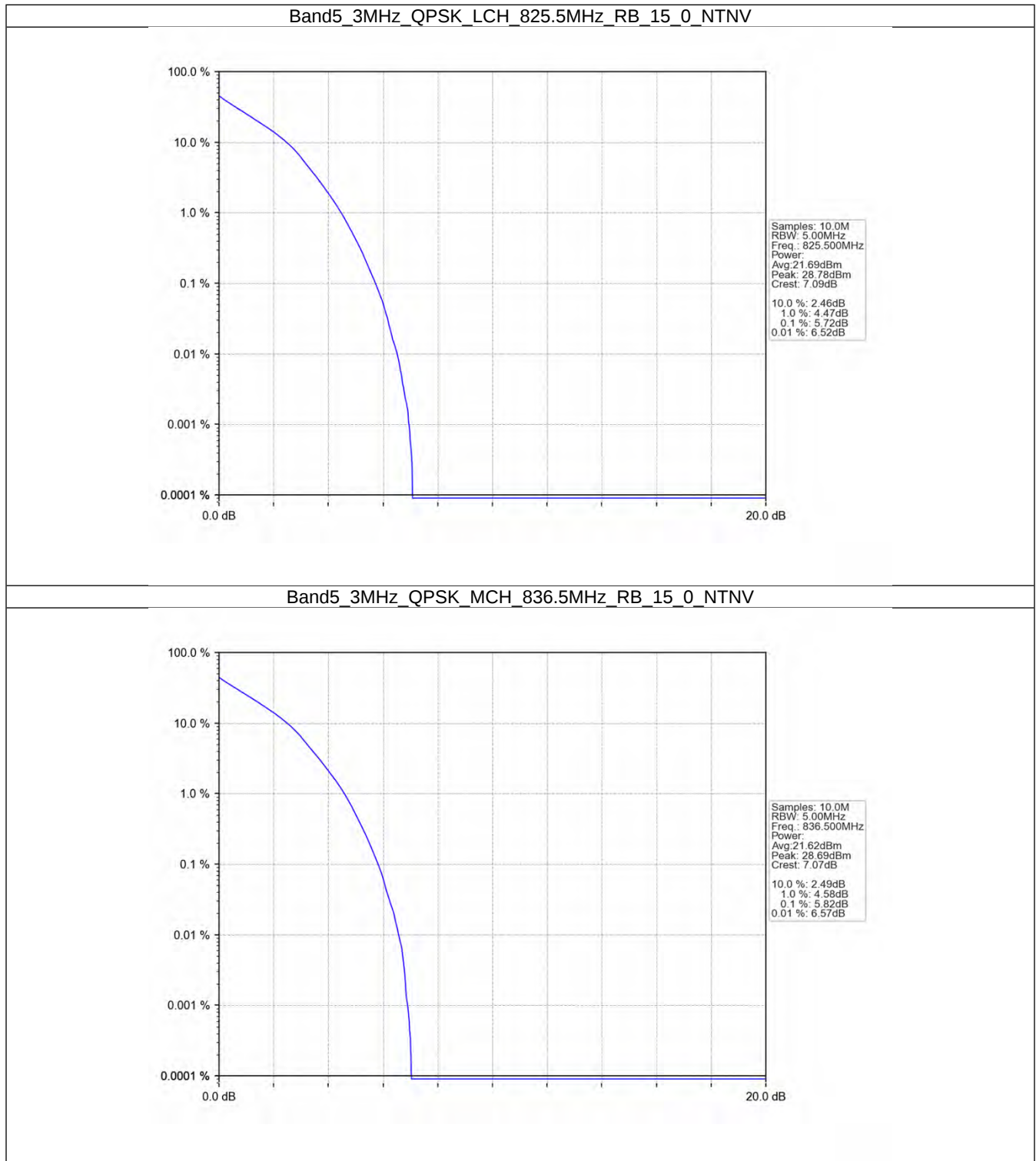


5.2 B5_3MHz

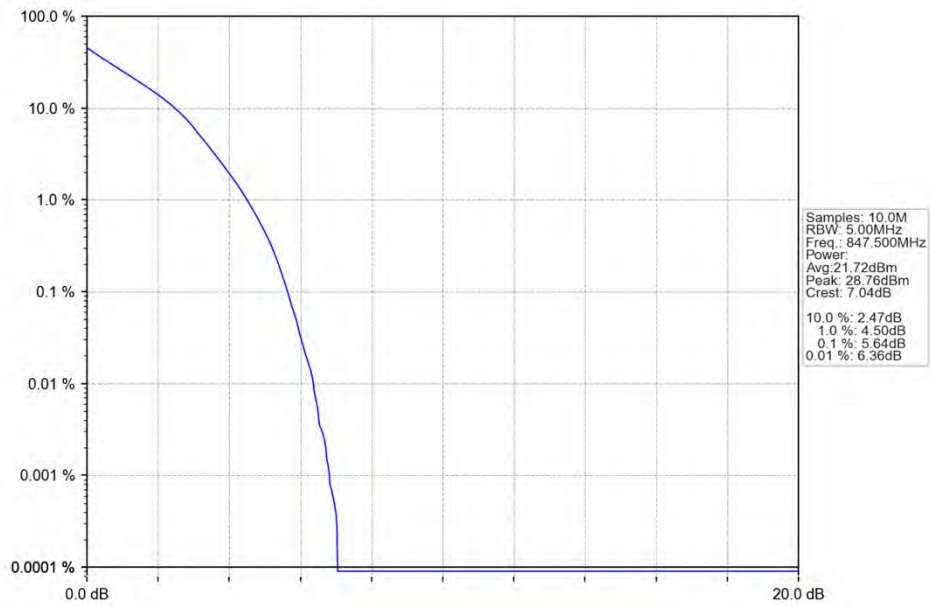
5.2.1 Test Result

Band: 5 / Bandwidth: 3MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	825.5	15	0	5.72	<=13	Pass
	836.5	15	0	5.82	<=13	Pass
	847.5	15	0	5.64	<=13	Pass
16QAM	825.5	15	0	6.49	<=13	Pass
	836.5	15	0	6.57	<=13	Pass
	847.5	15	0	6.43	<=13	Pass

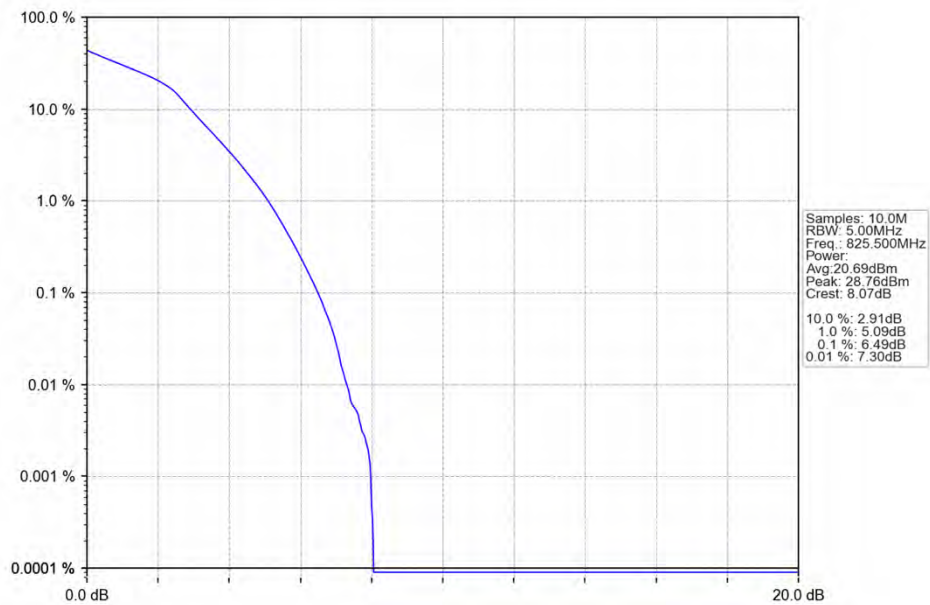
5.2.2 Test Graph



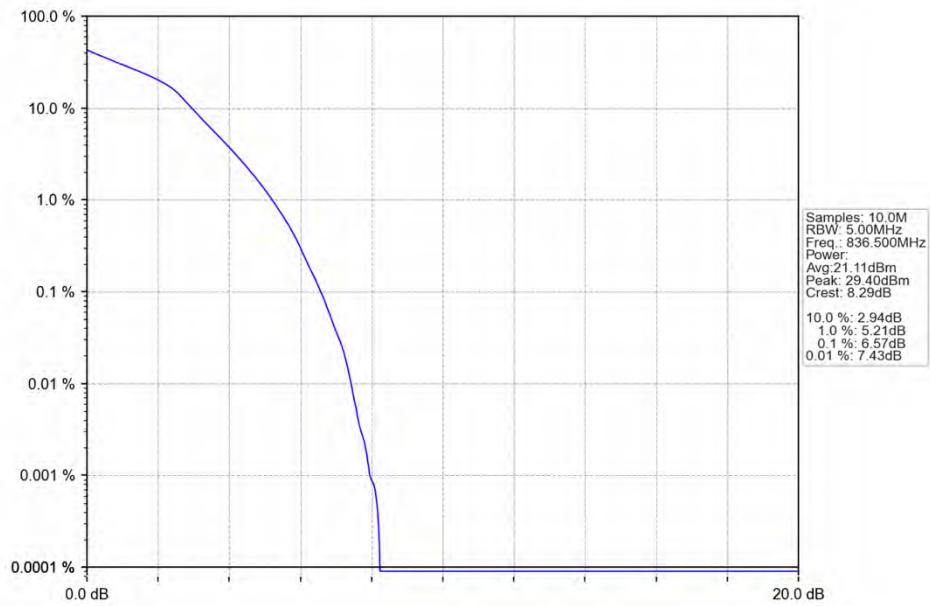
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



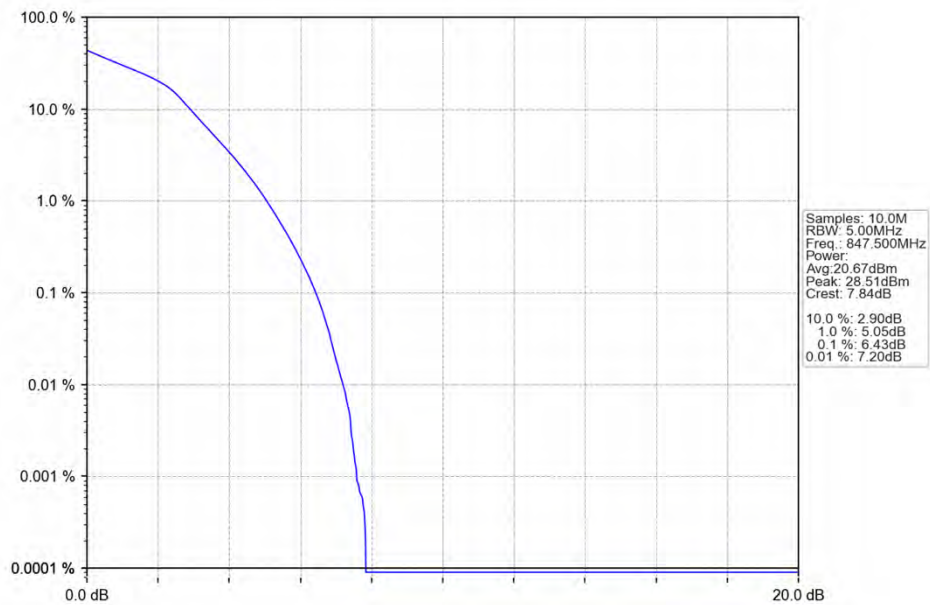
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV

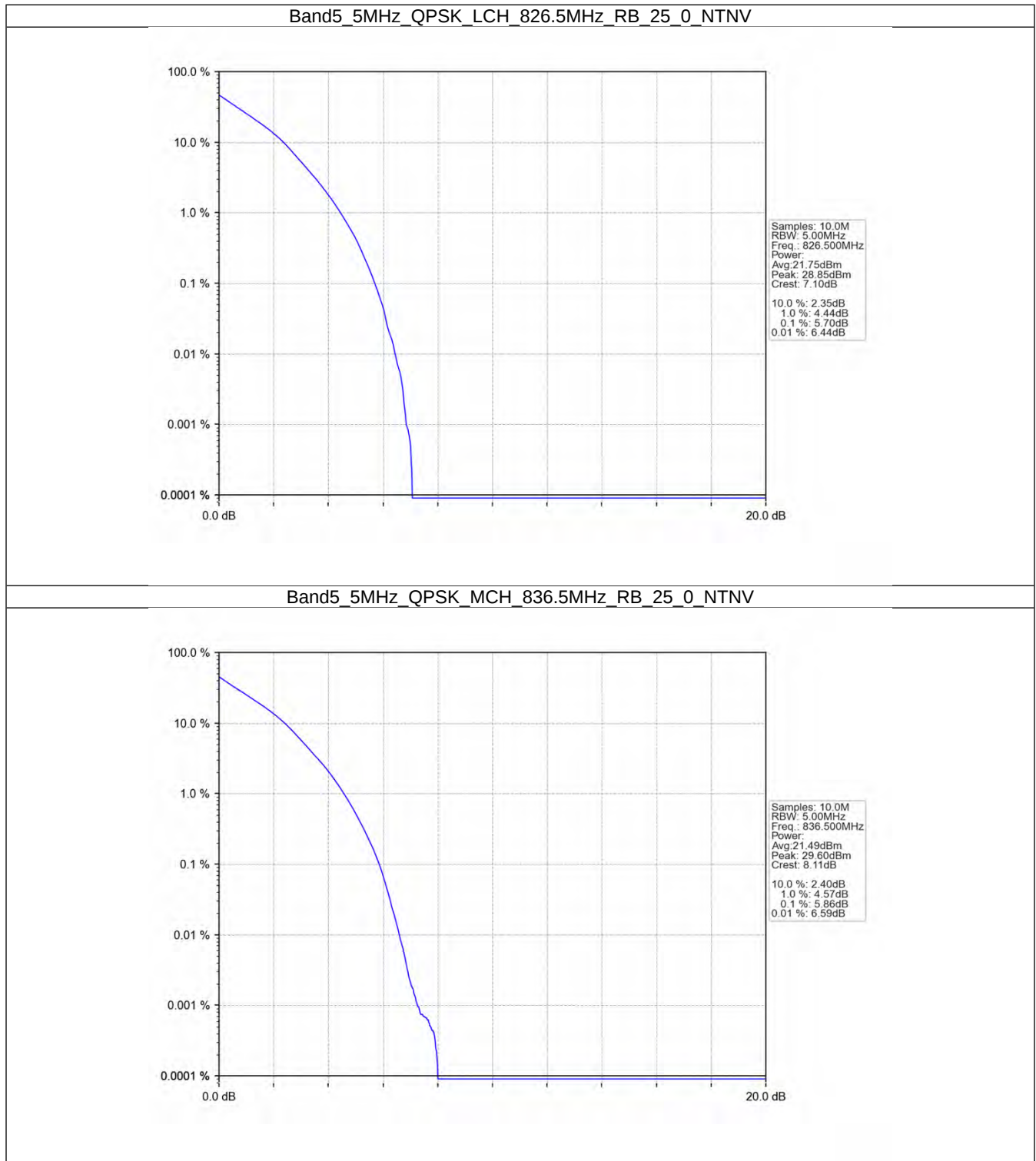


5.3 B5_5MHz

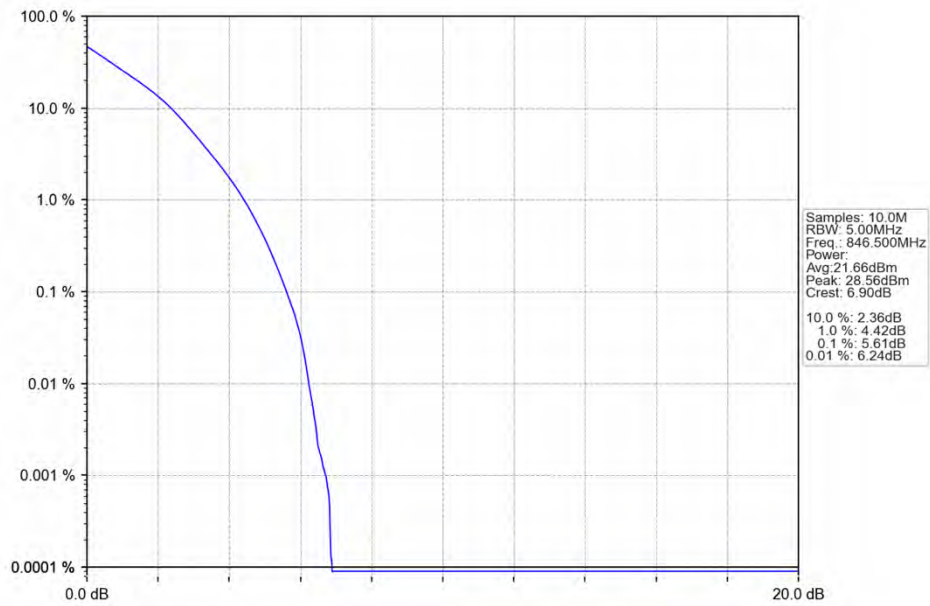
5.3.1 Test Result

Band: 5 / Bandwidth: 5MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	826.5	25	0	5.70	<=13	Pass
	836.5	25	0	5.86	<=13	Pass
	846.5	25	0	5.61	<=13	Pass
16QAM	826.5	25	0	6.38	<=13	Pass
	836.5	25	0	6.52	<=13	Pass
	846.5	25	0	6.39	<=13	Pass

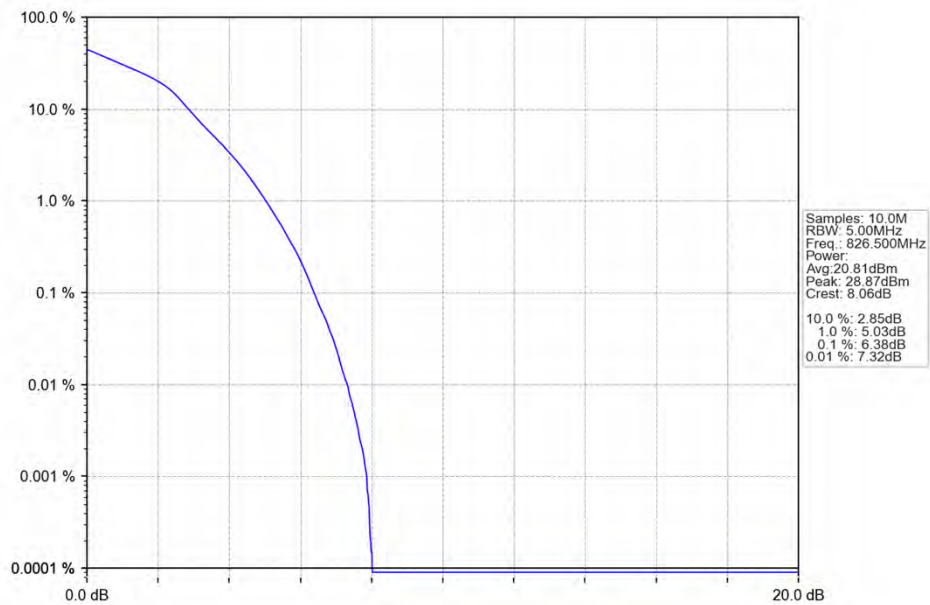
5.3.2 Test Graph



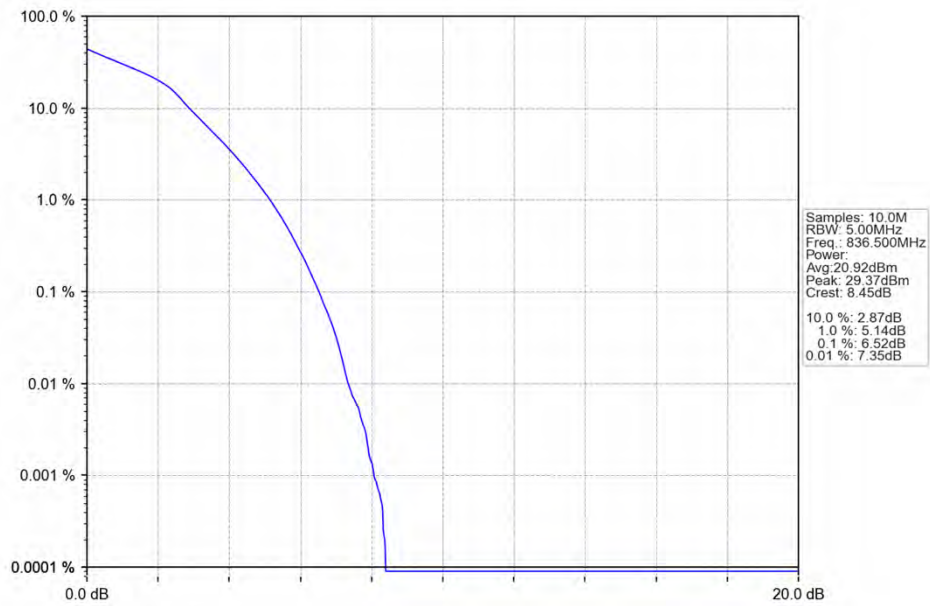
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



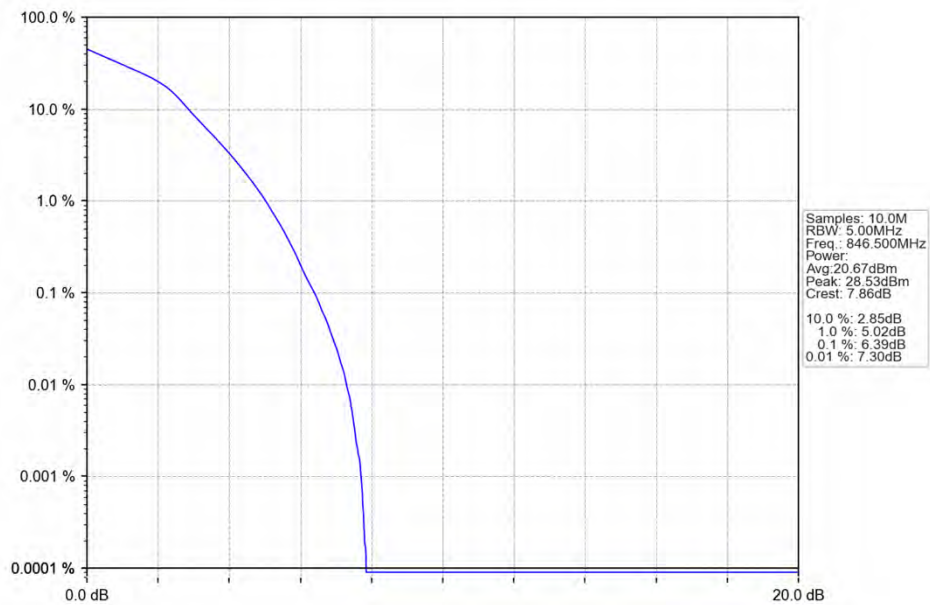
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV

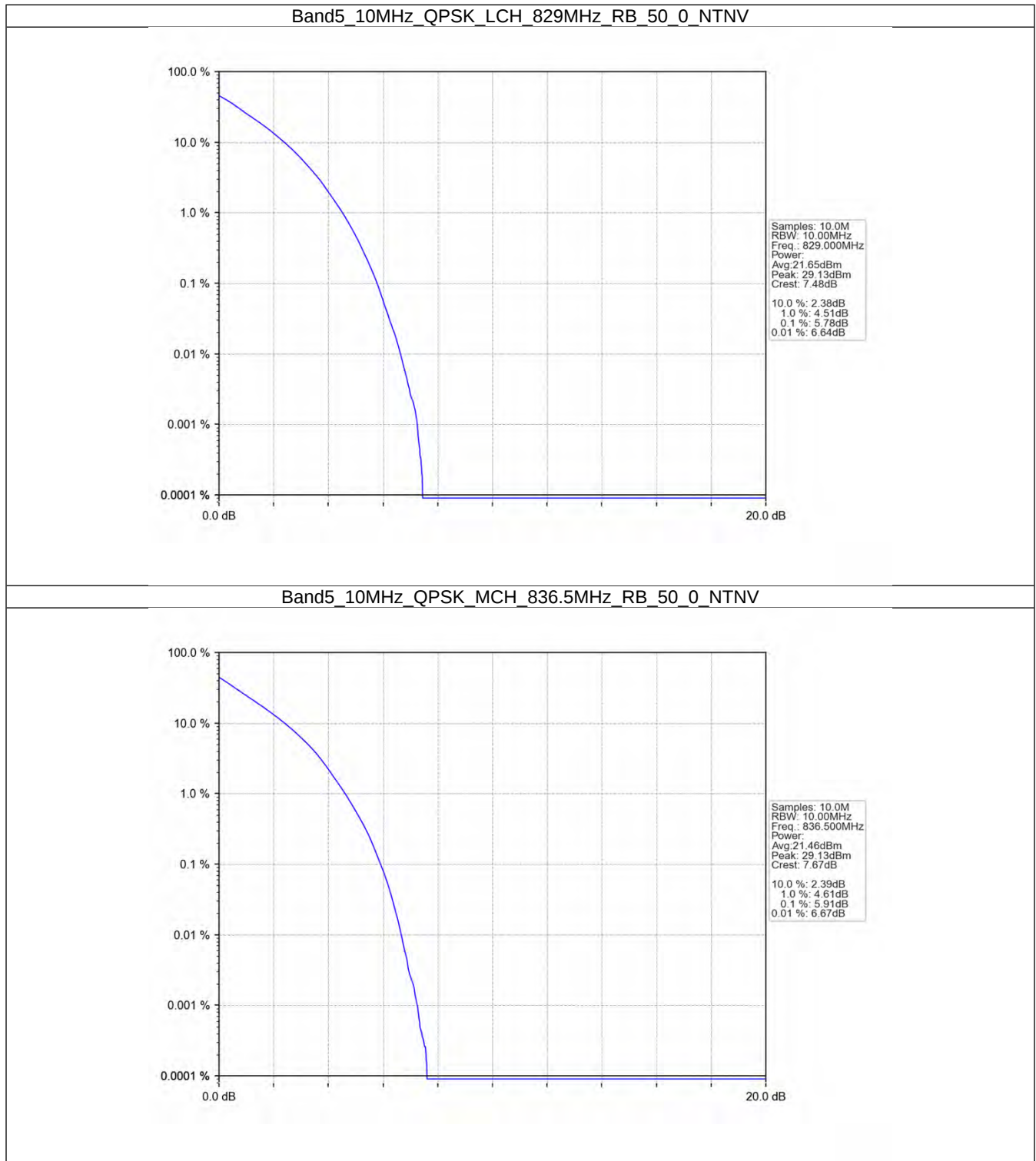


5.4 B5_10MHz

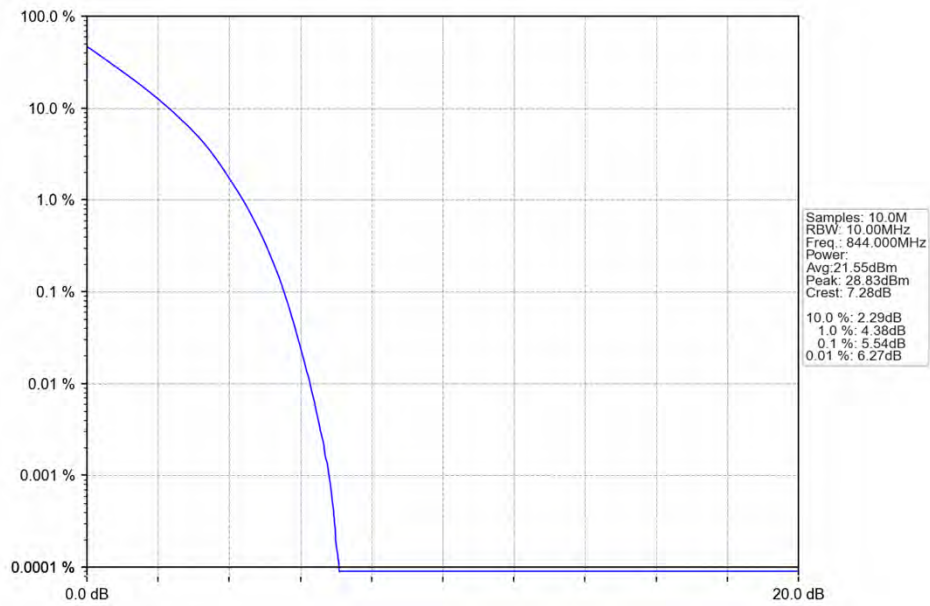
5.4.1 Test Result

Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	829	50	0	5.78	<=13	Pass
	836.5	50	0	5.91	<=13	Pass
	844	50	0	5.54	<=13	Pass
16QAM	829	50	0	6.49	<=13	Pass
	836.5	50	0	6.59	<=13	Pass
	844	50	0	6.27	<=13	Pass

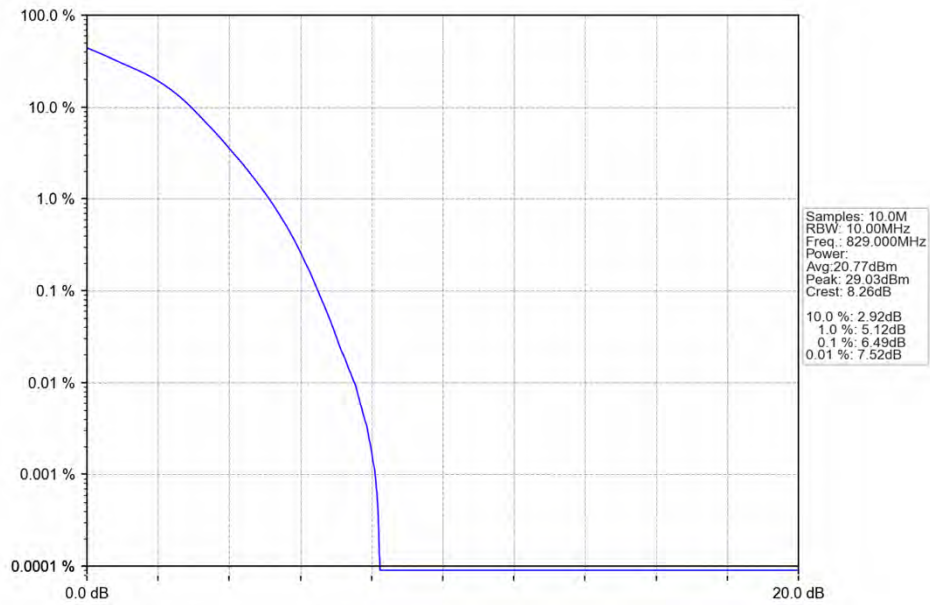
5.4.2 Test Graph



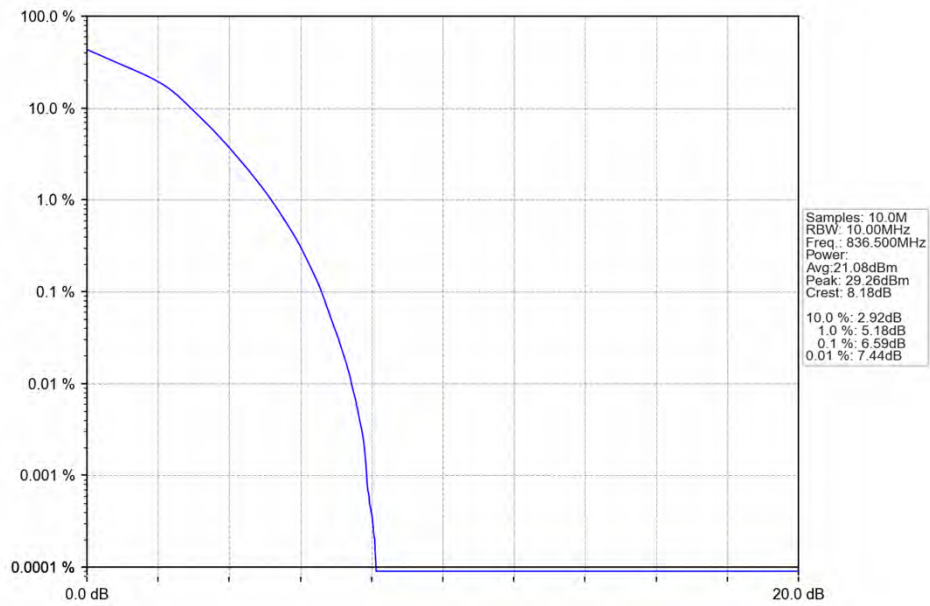
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



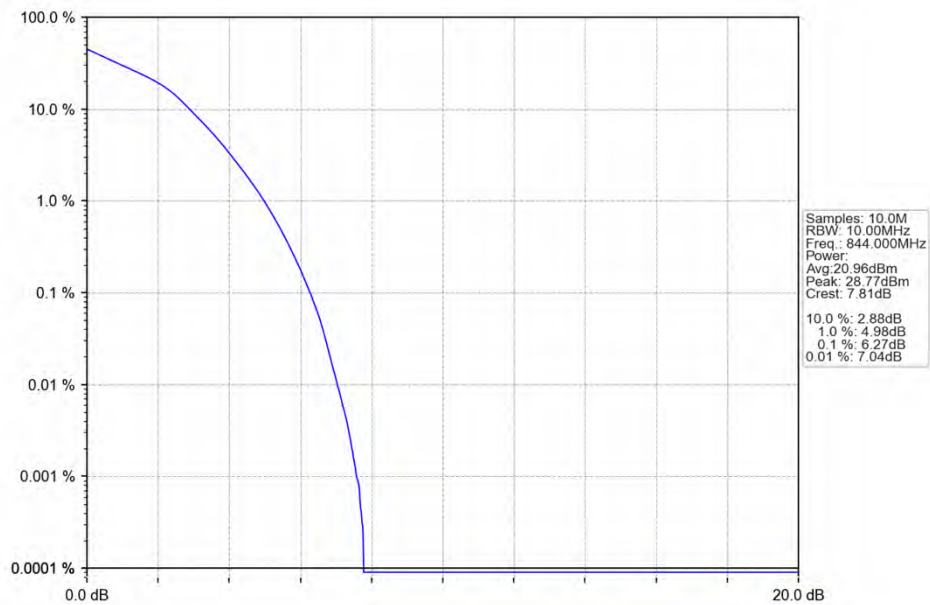
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



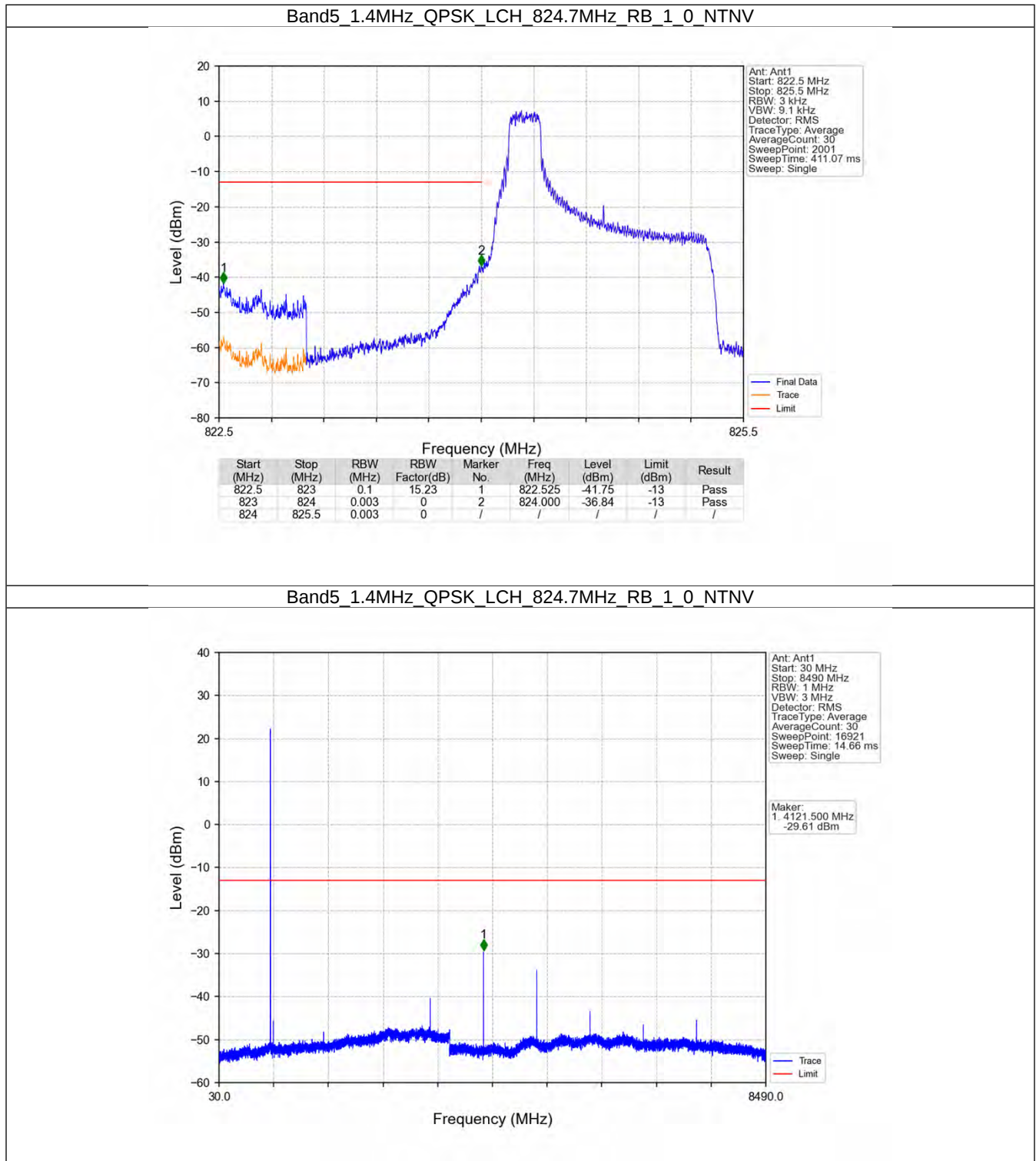
6. Spurious Emission

6.1 B5_1.4MHz

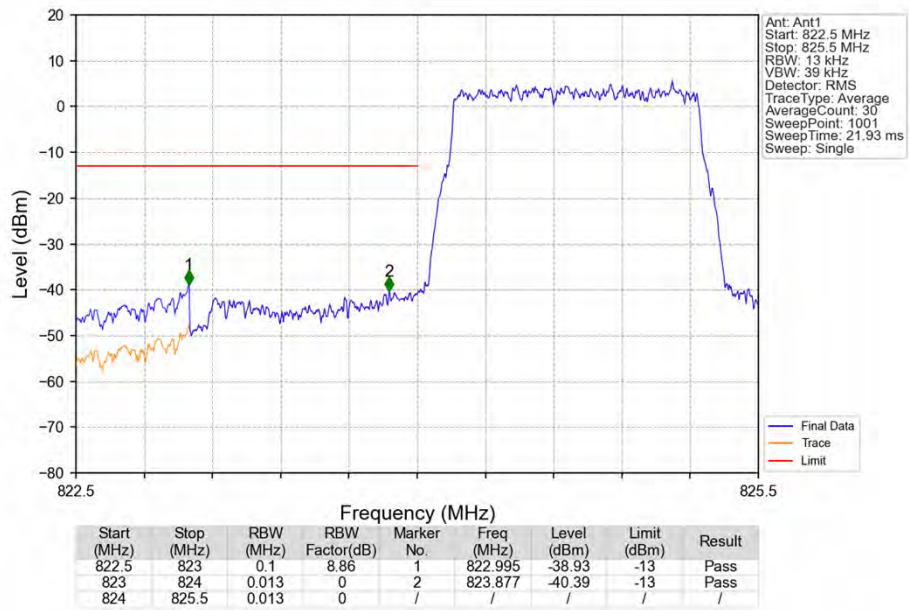
6.1.1 Test Result

Band: 5 / Bandwidth: 1.4MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		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
	848.3	1	0	Refer To Test Graph	Pass
		6	0	Refer To Test Graph	Pass

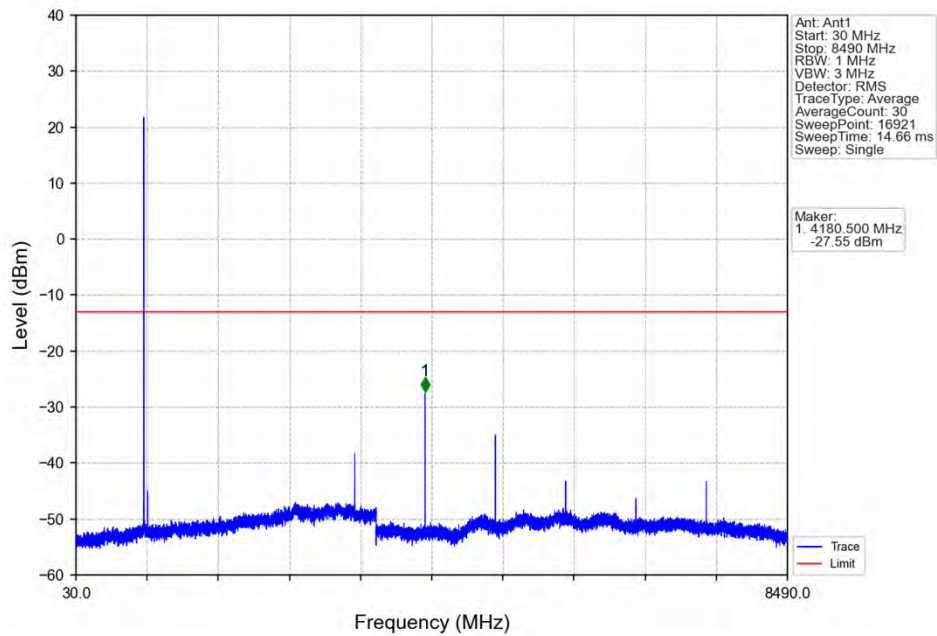
6.1.2 Test Graph



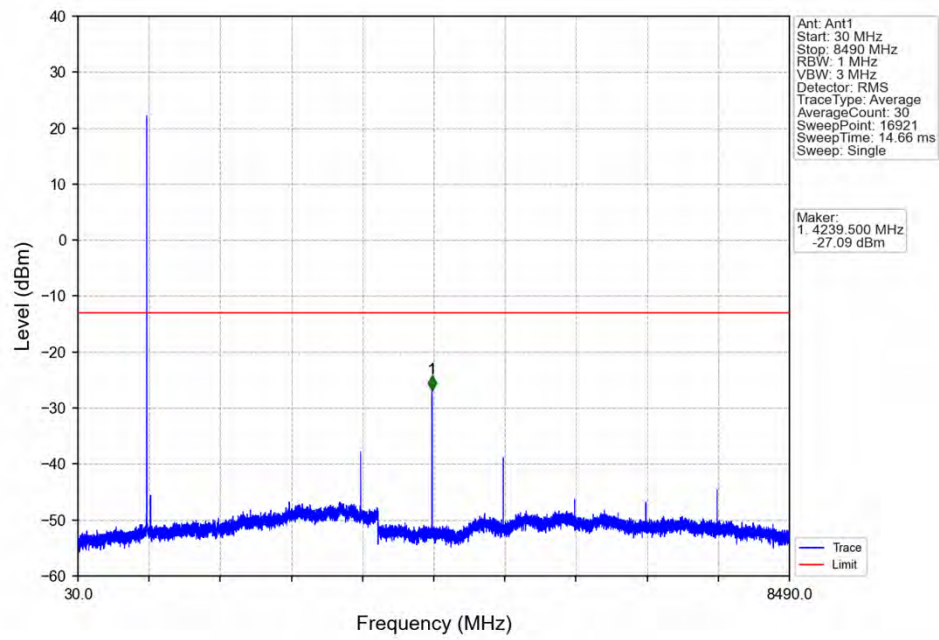
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



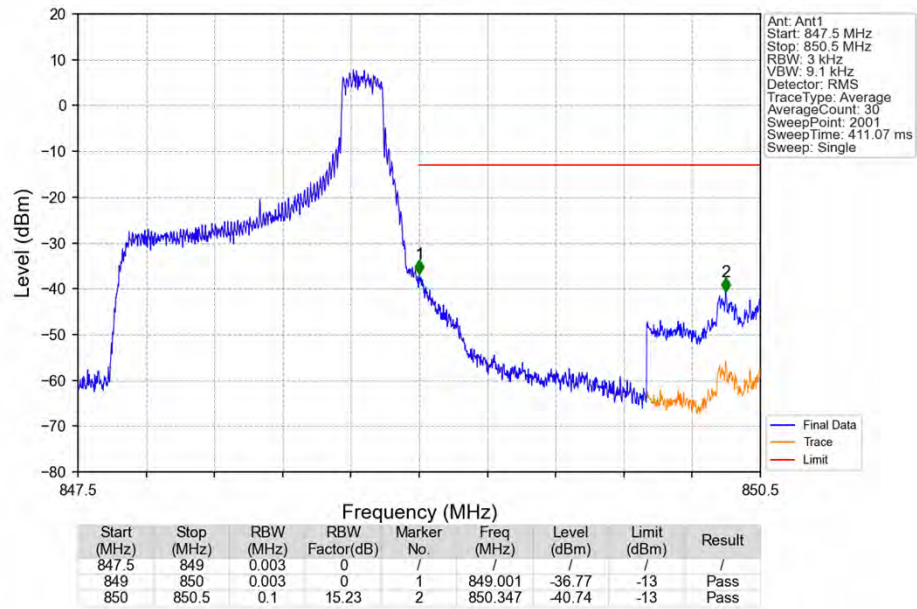
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



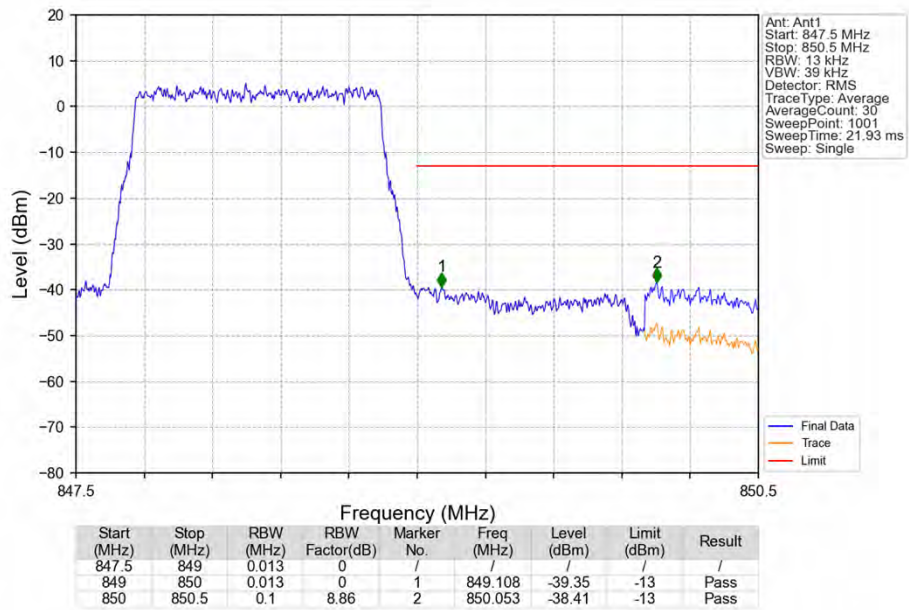
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_1_0_NTNV



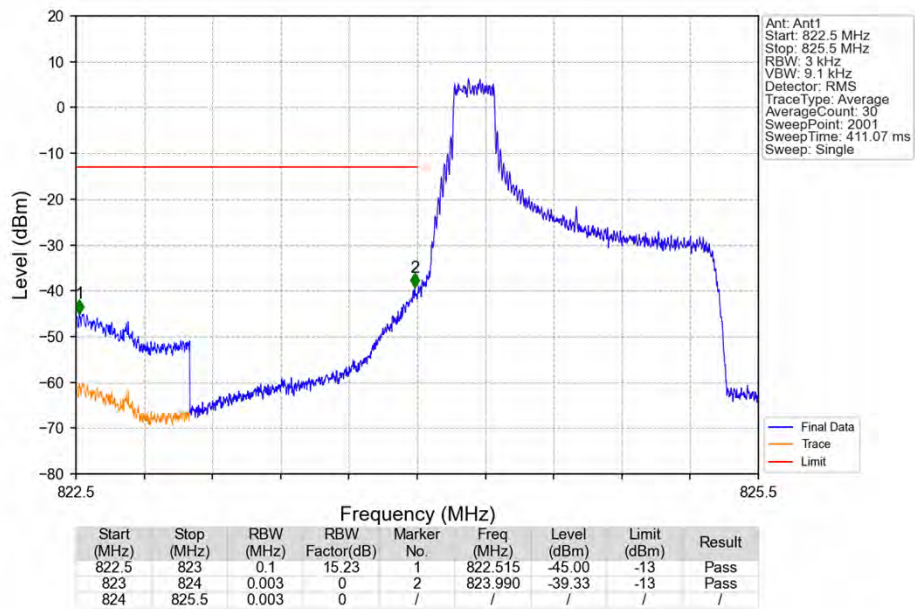
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_1_5_NTNV



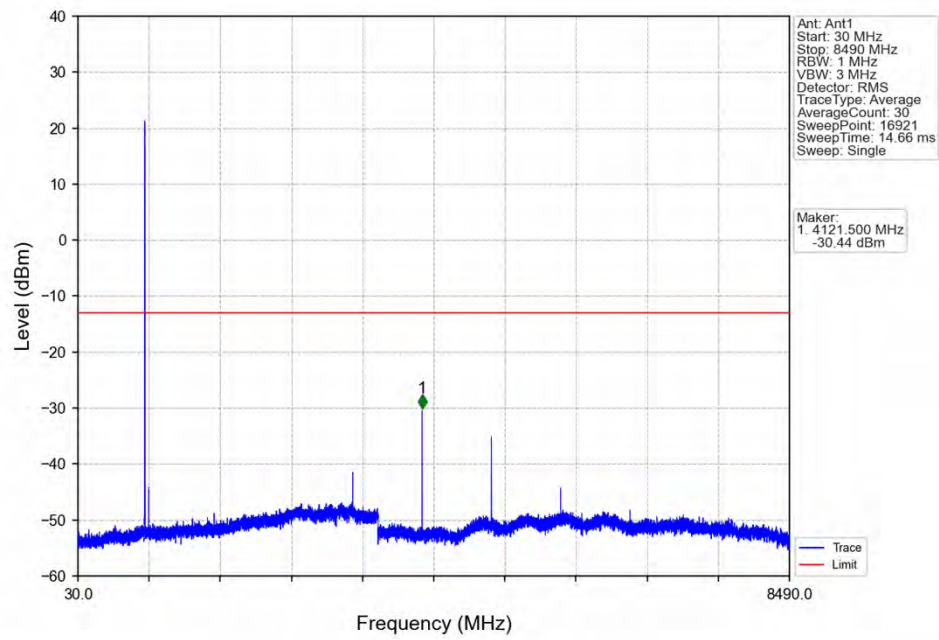
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



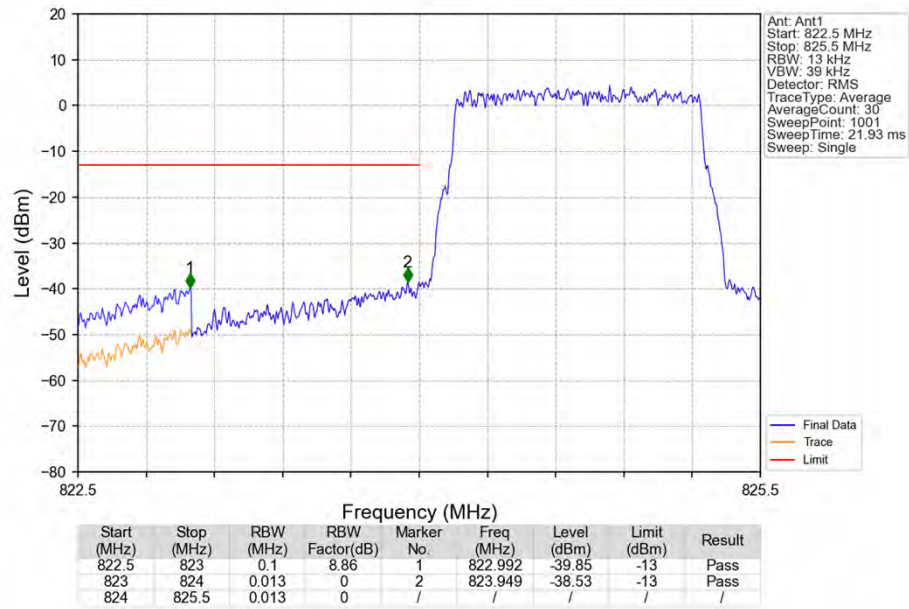
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_1_0_NTNV



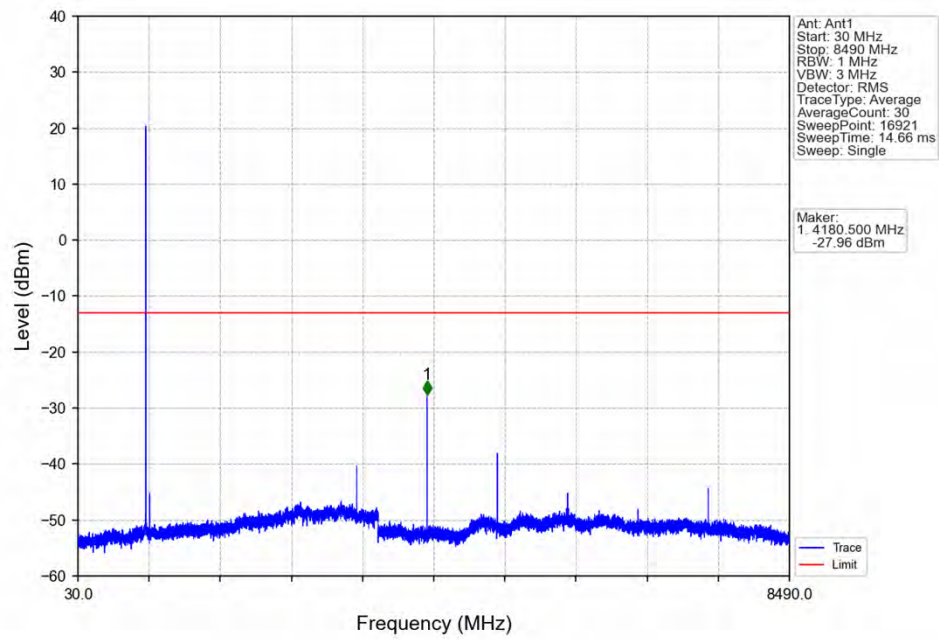
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_1_0_NTNV



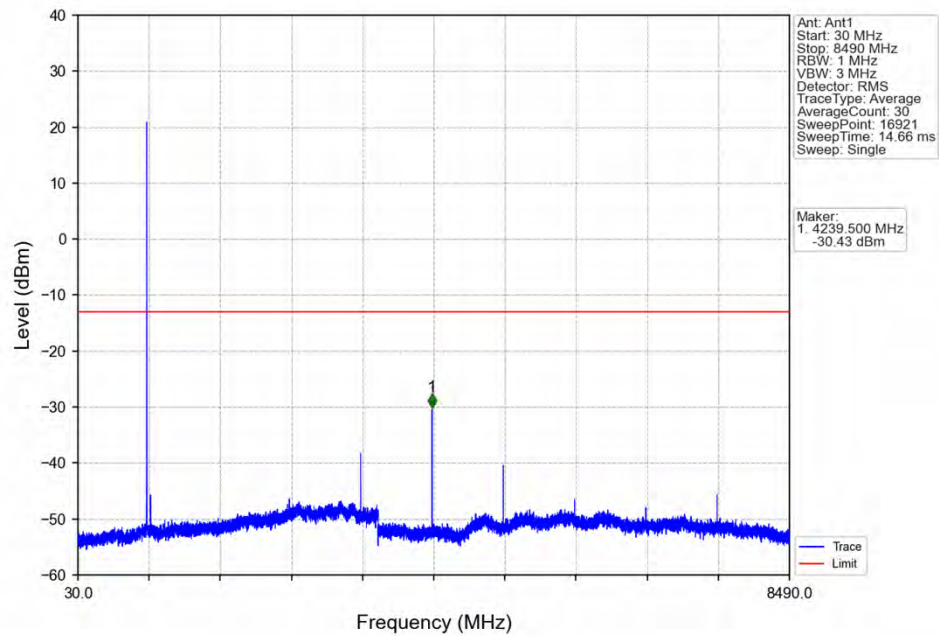
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



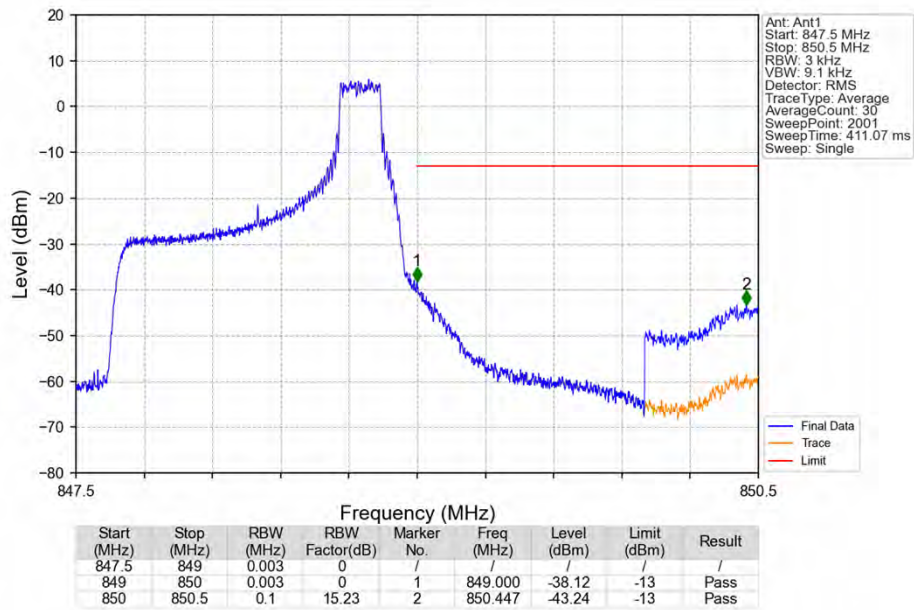
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



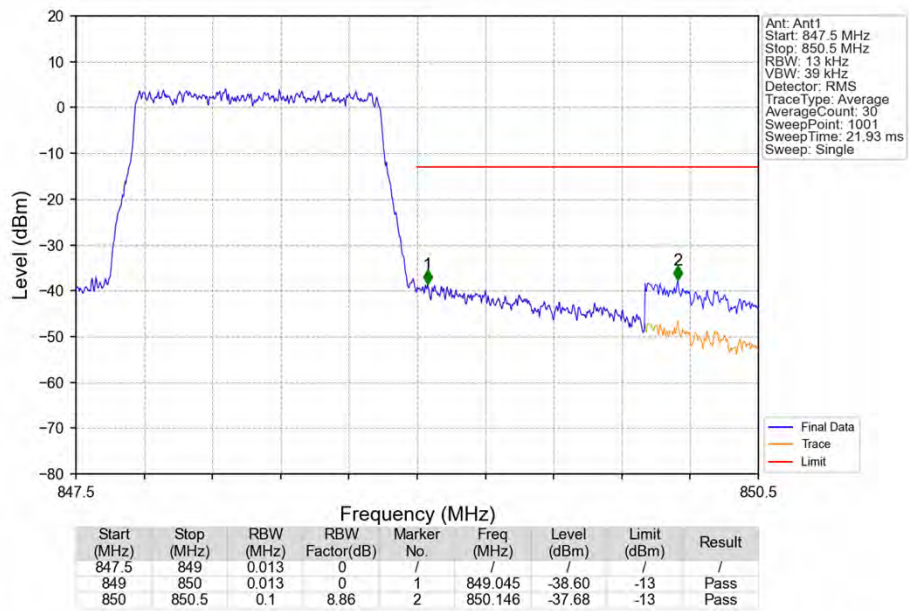
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_1_0_NTNV



Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_1_5_NTNV



Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV

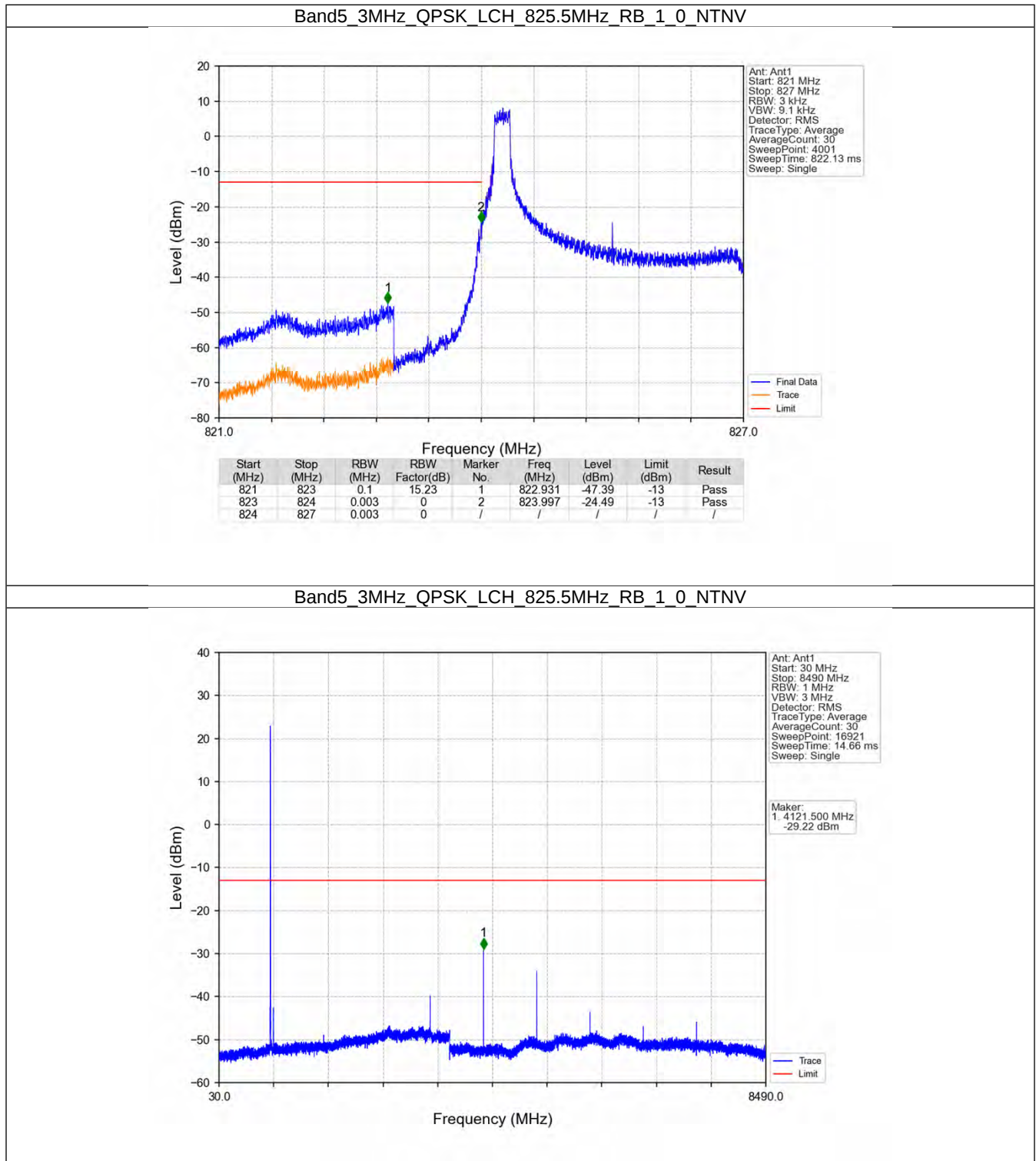


6.2 B5_3MHz

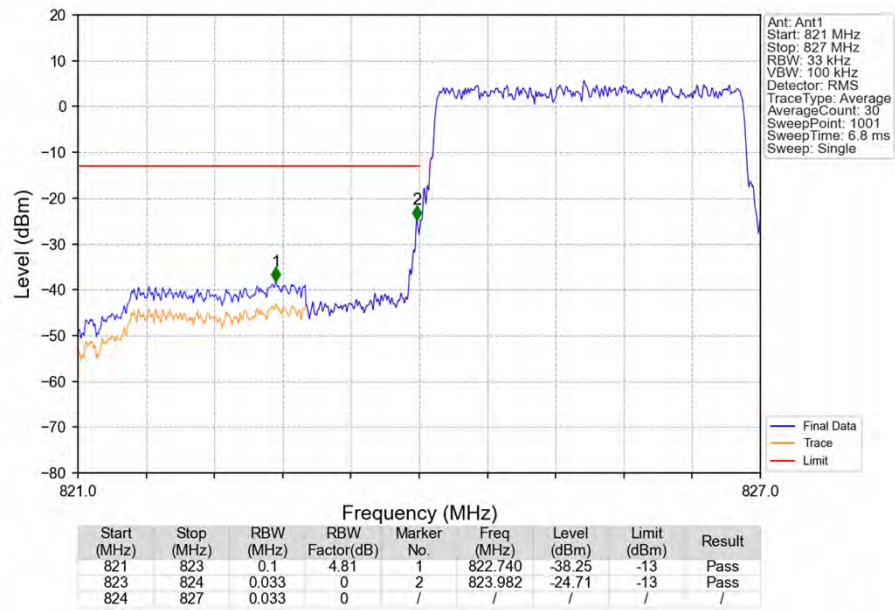
6.2.1 Test Result

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

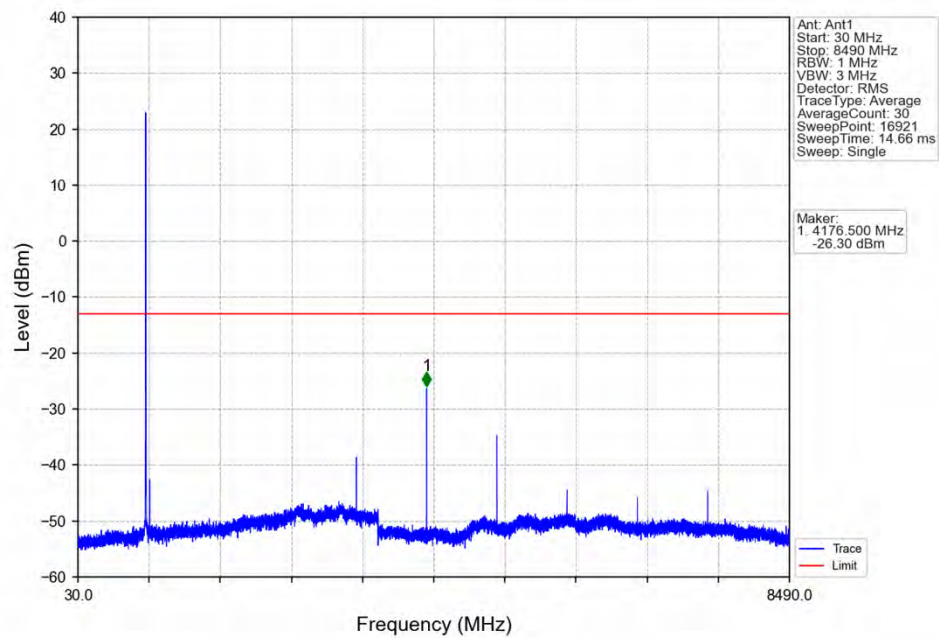
6.2.2 Test Graph



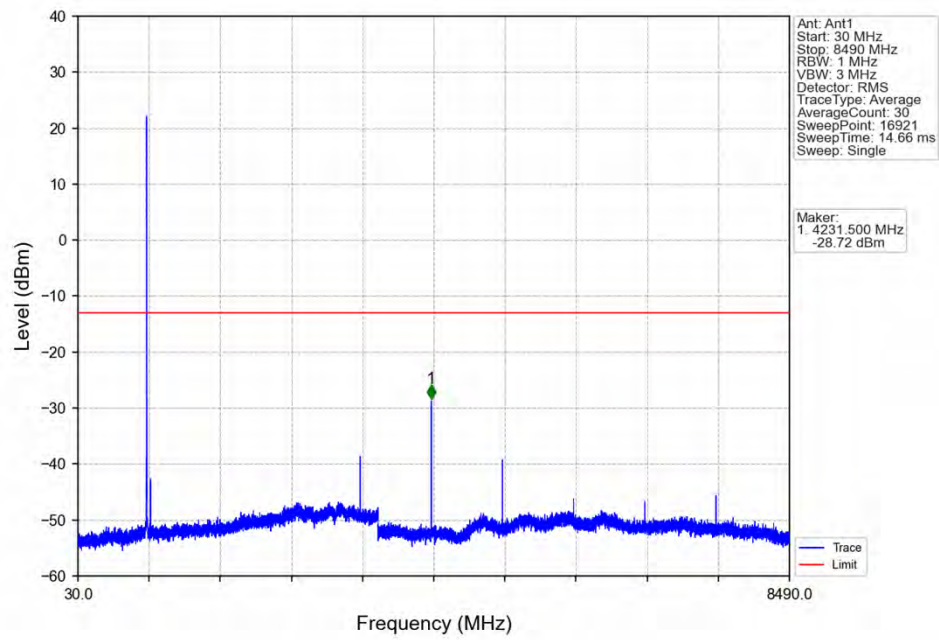
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



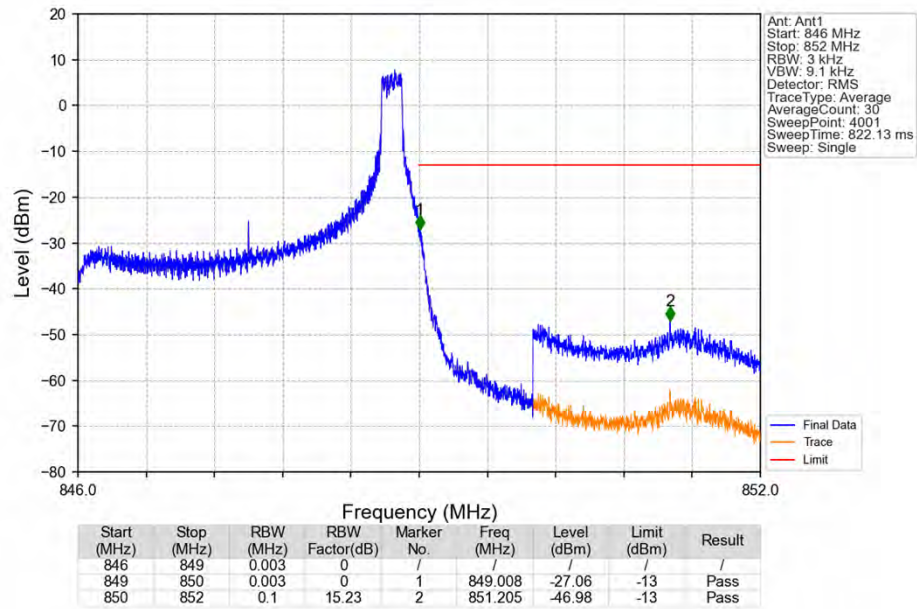
Band5_3MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



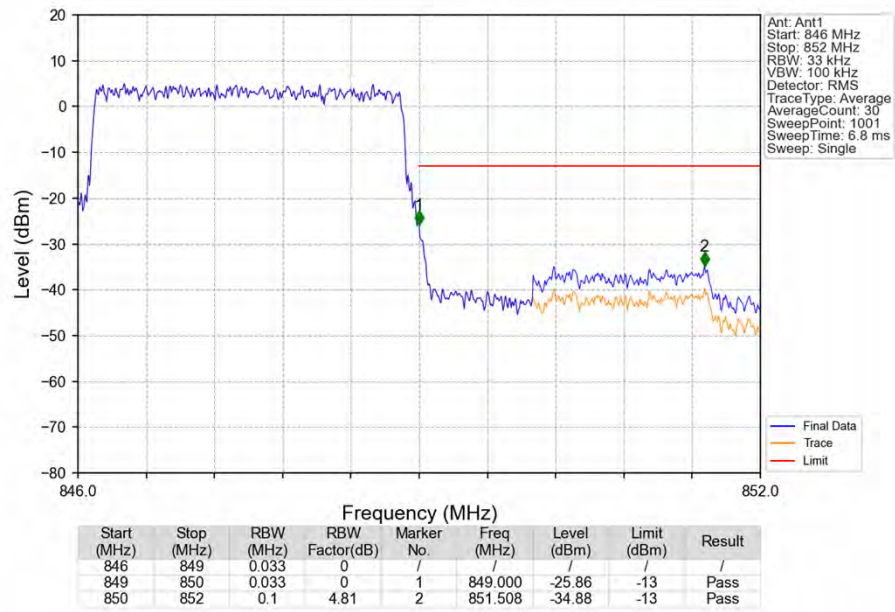
Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_0_NTNV



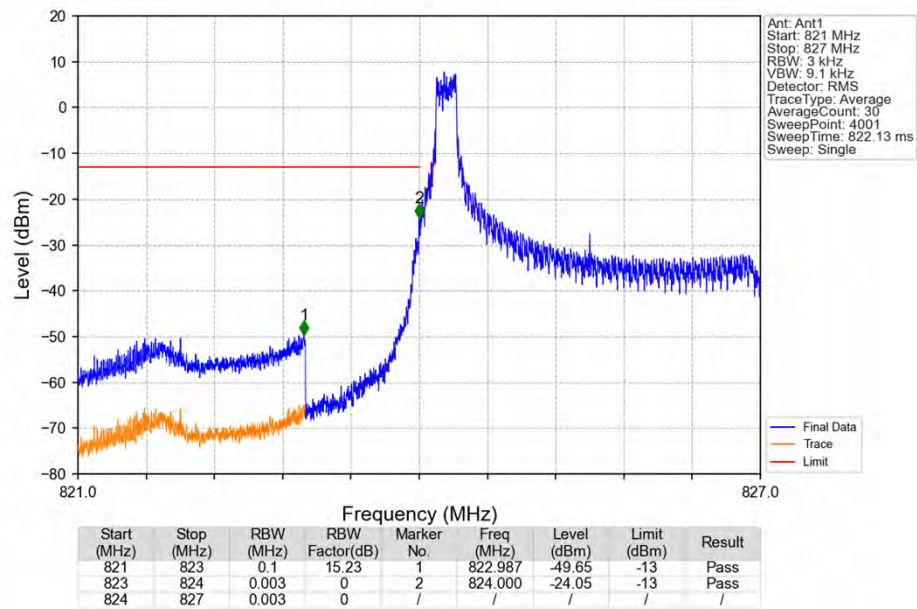
Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_14_NTNV



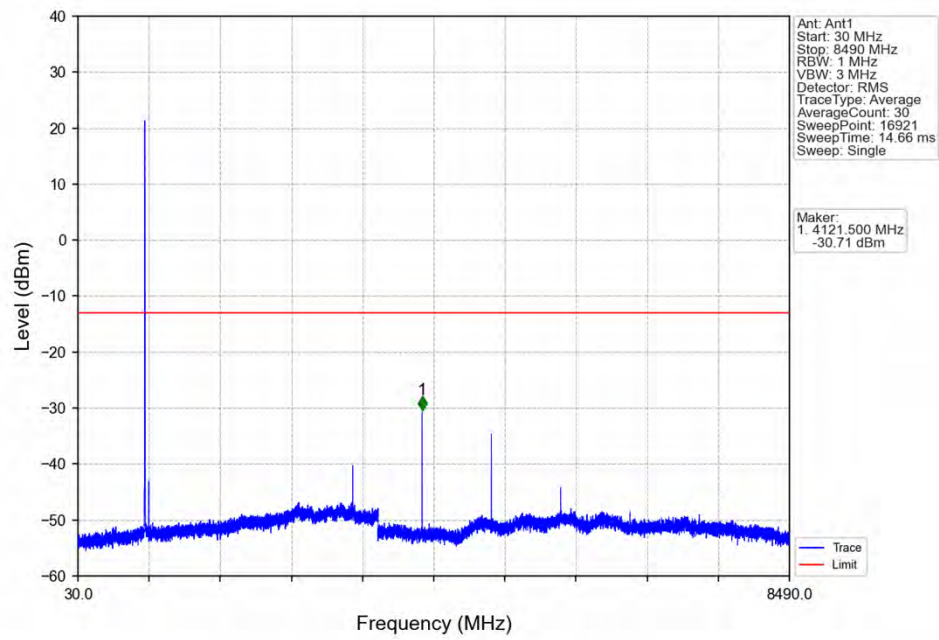
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



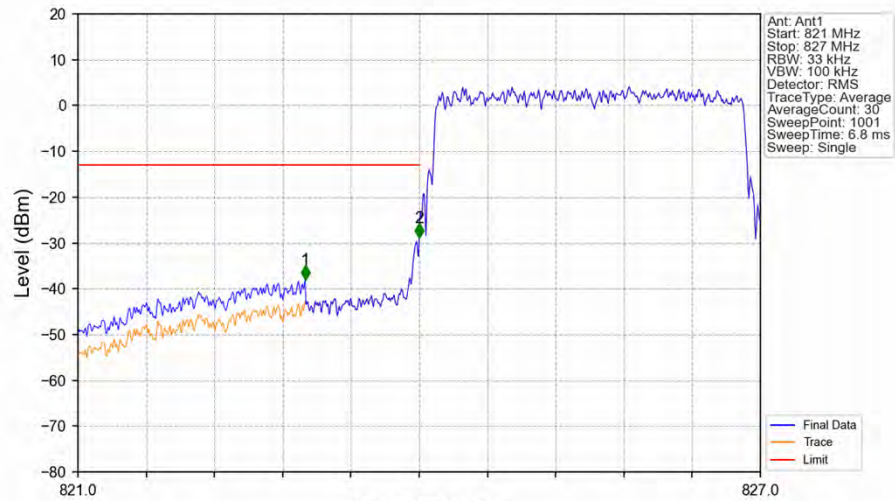
Band5_3MHz_16QAM_LCH_825.5MHz_RB_1_0_NTNV



Band5_3MHz_16QAM_LCH_825.5MHz_RB_1_0_NTNV

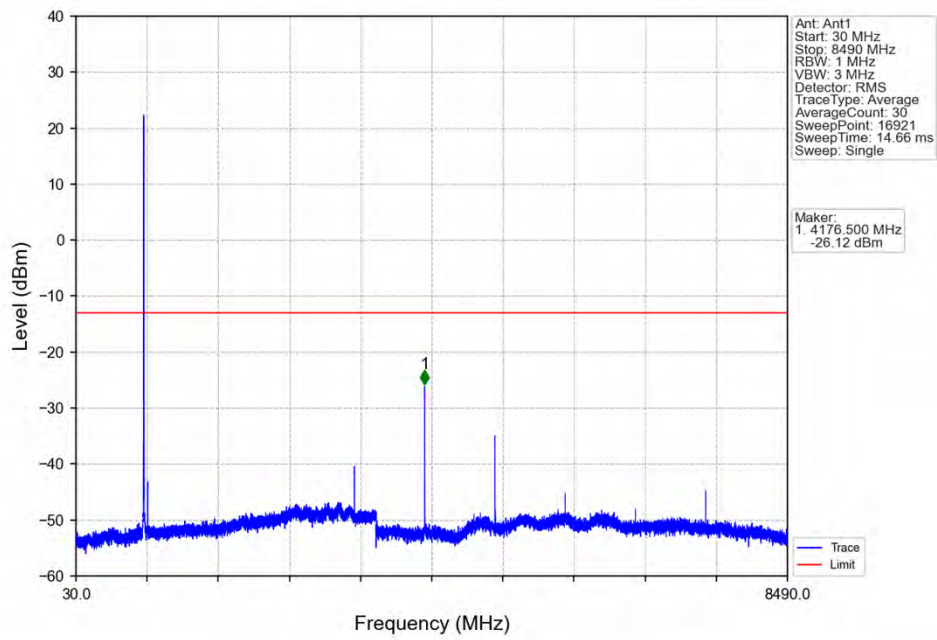


Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV

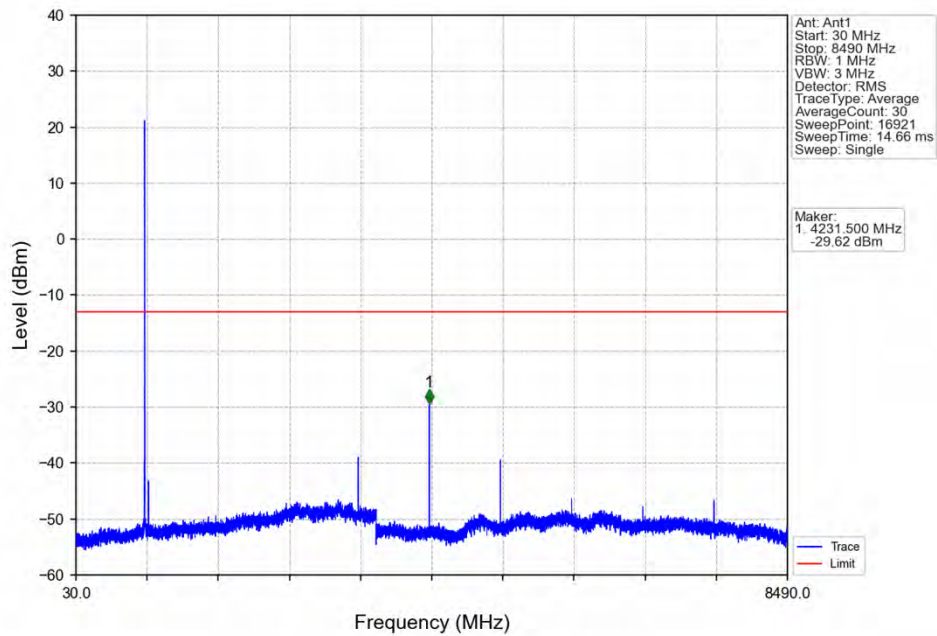


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	4.81	1	822.998	-38.05	-13	Pass
823	824	0.033	0	2	824.000	-28.82	-13	Pass
824	827	0.033	0	/	/	/	/	/

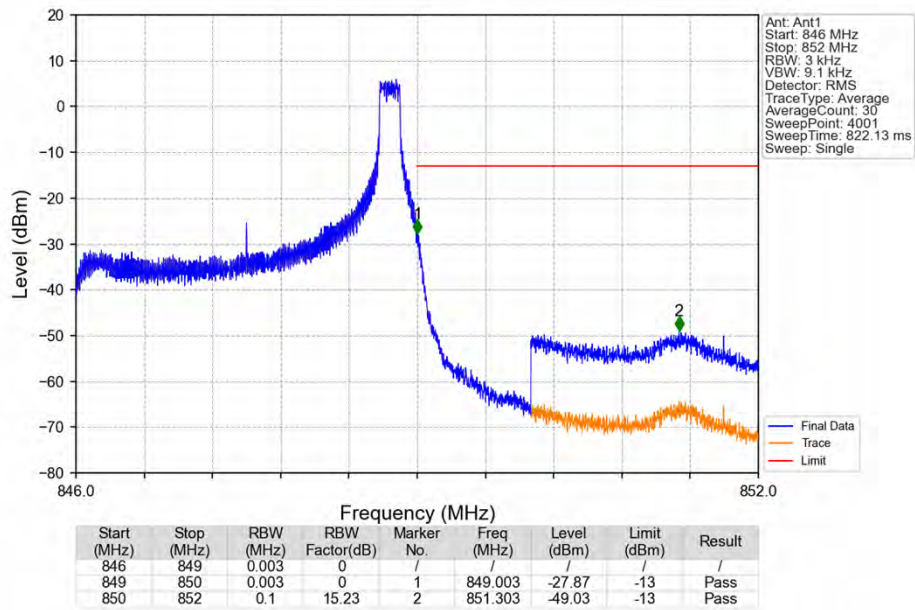
Band5_3MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



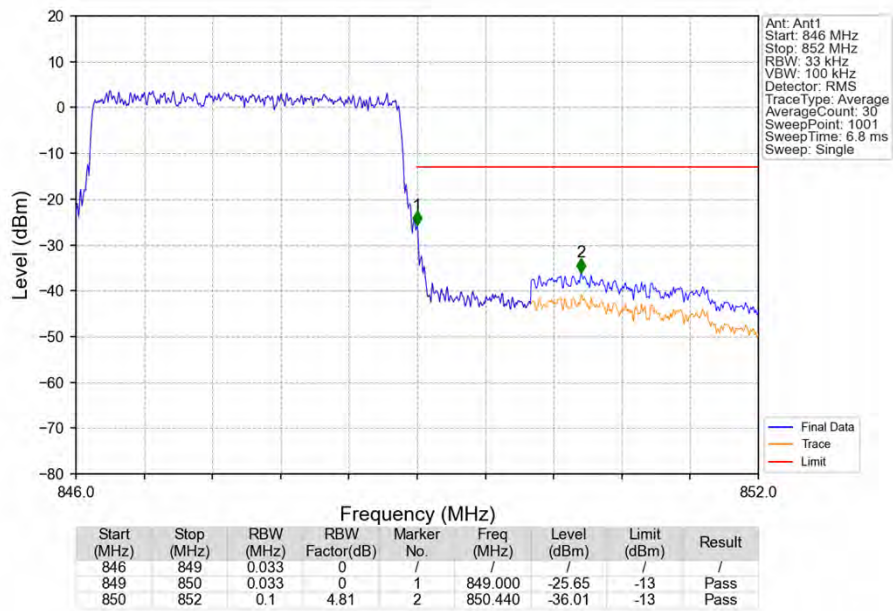
Band5_3MHz_16QAM_HCH_847.5MHz_RB_1_0_NTNV



Band5_3MHz_16QAM_HCH_847.5MHz_RB_1_14_NTNV



Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV

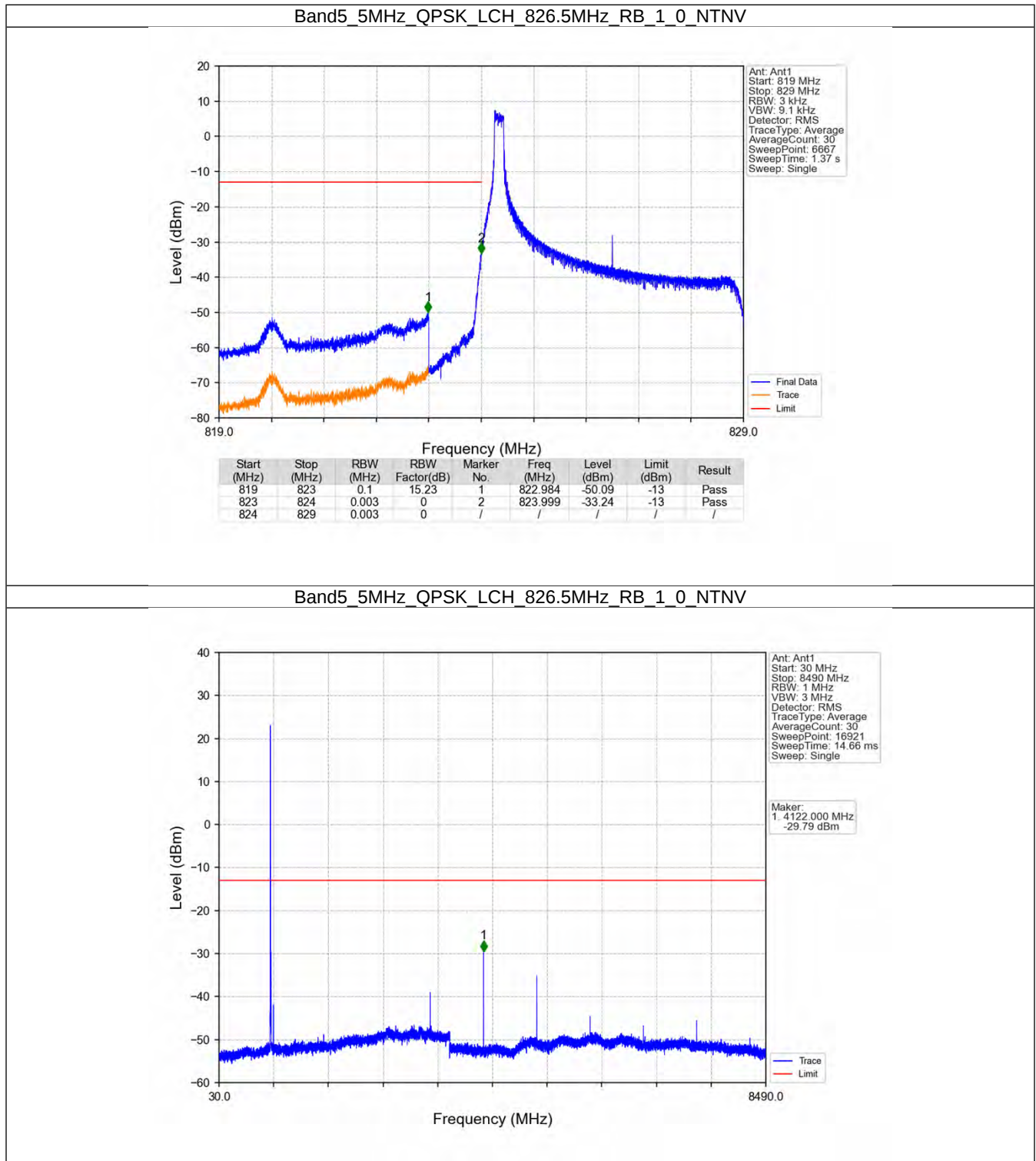


6.3 B5_5MHz

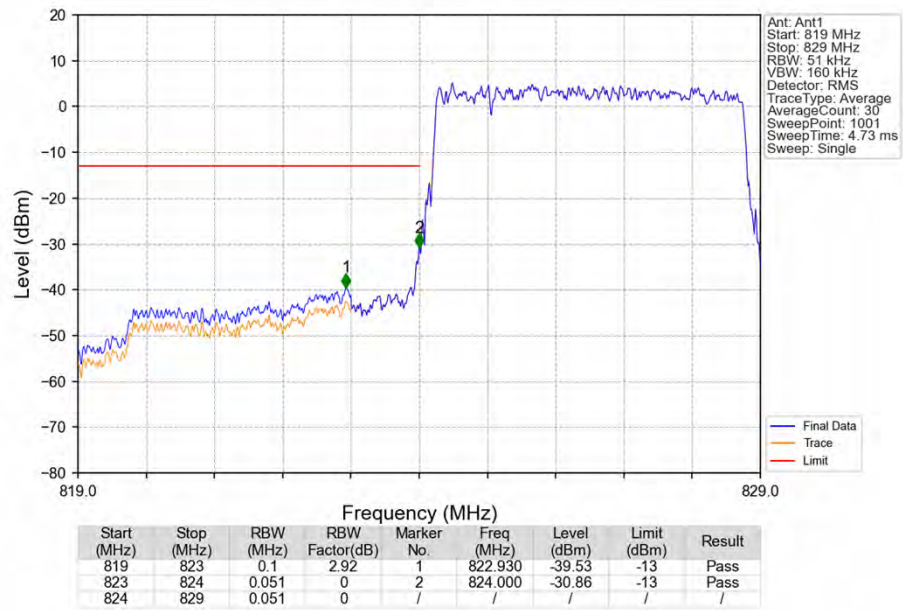
6.3.1 Test Result

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

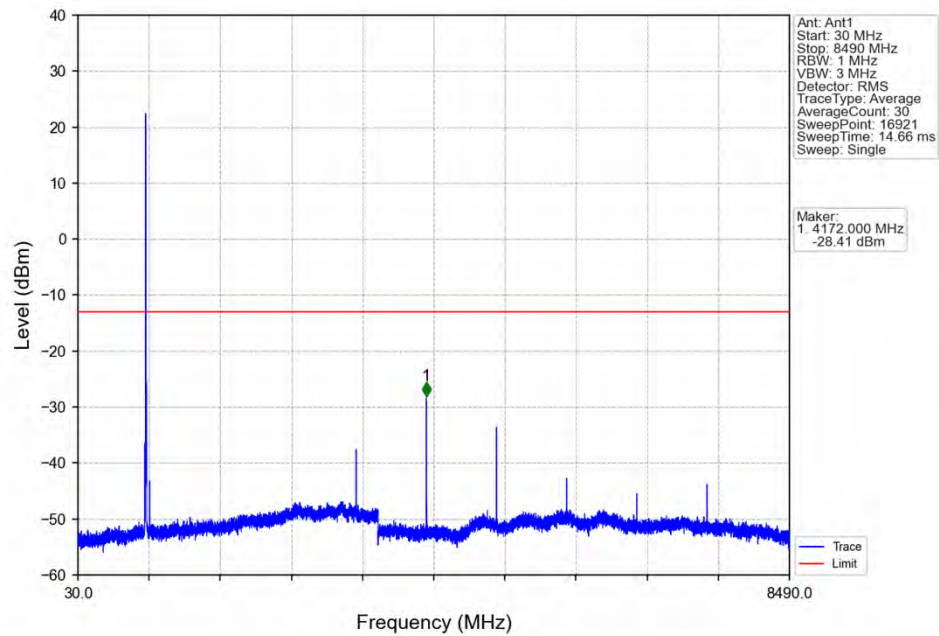
6.3.2 Test Graph



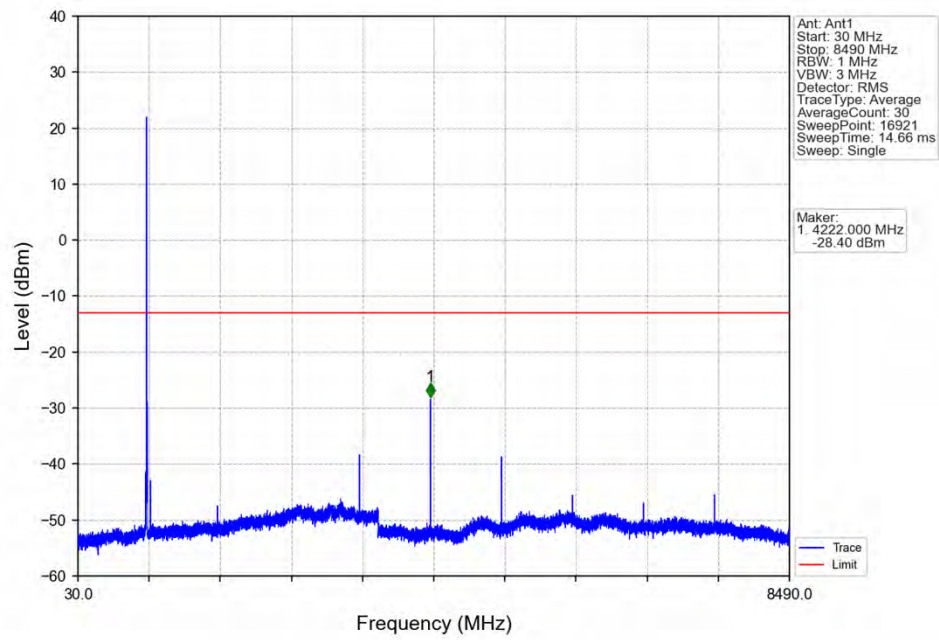
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



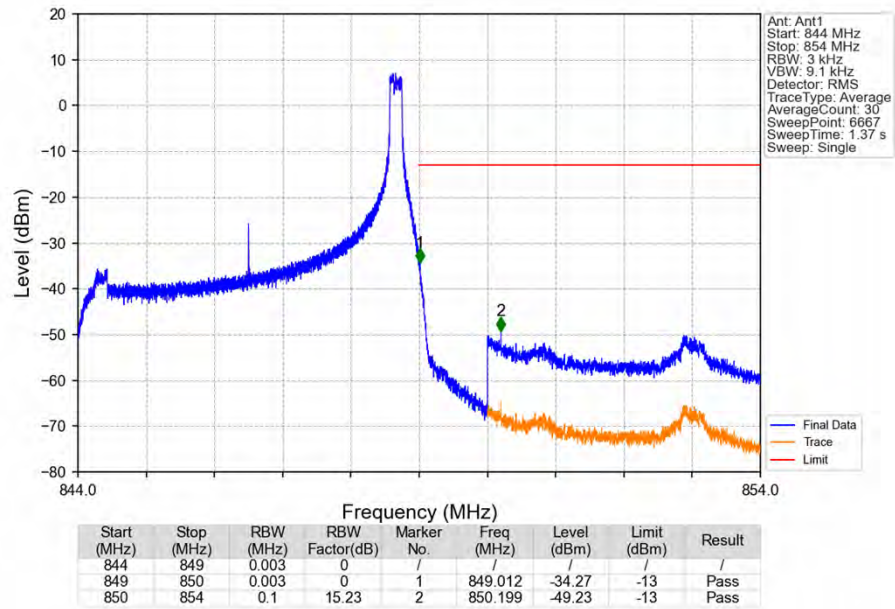
Band5_5MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



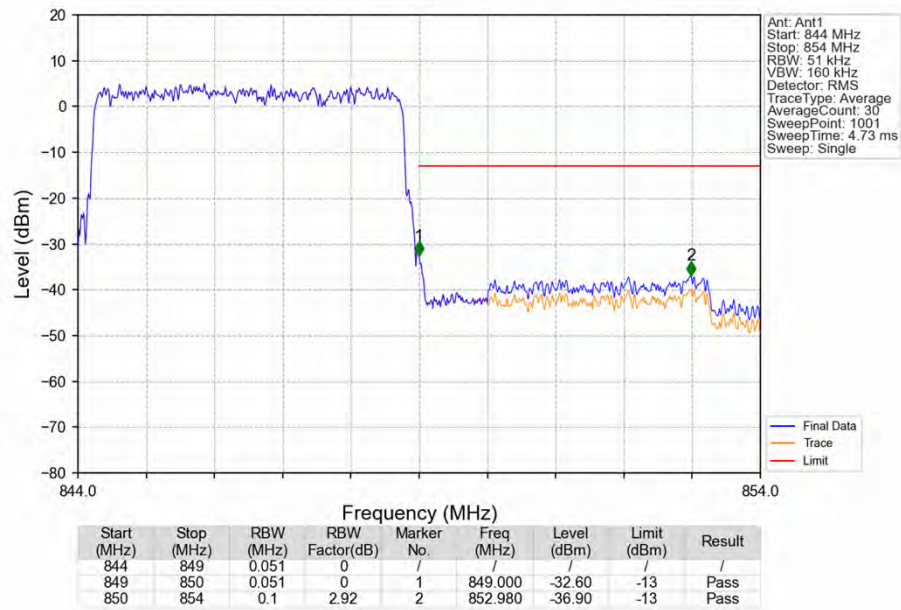
Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_0_NTNV



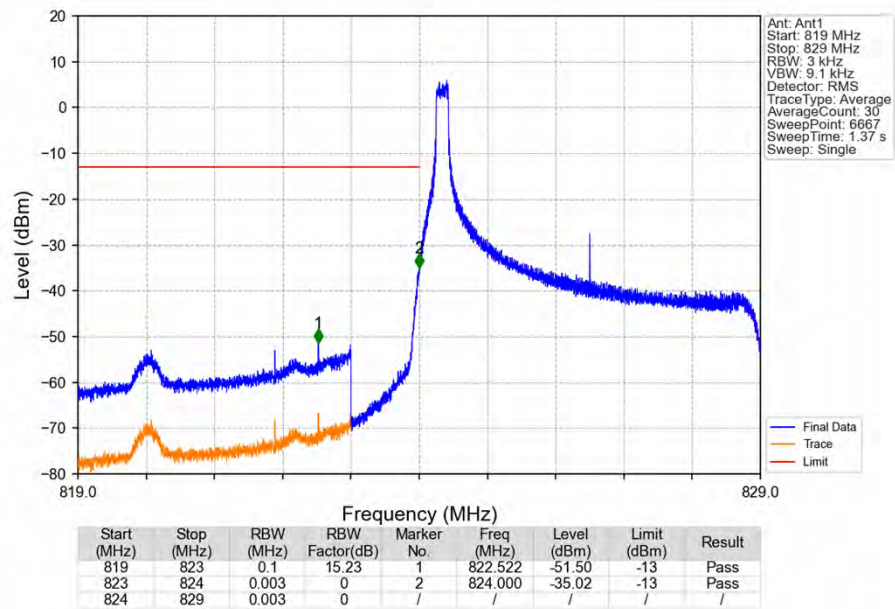
Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_24_NTNV



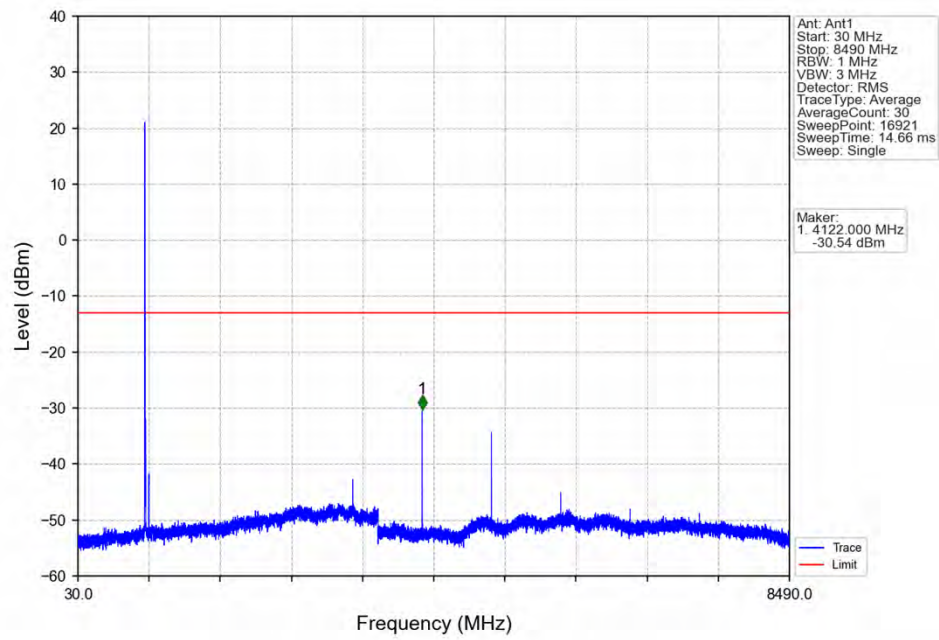
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



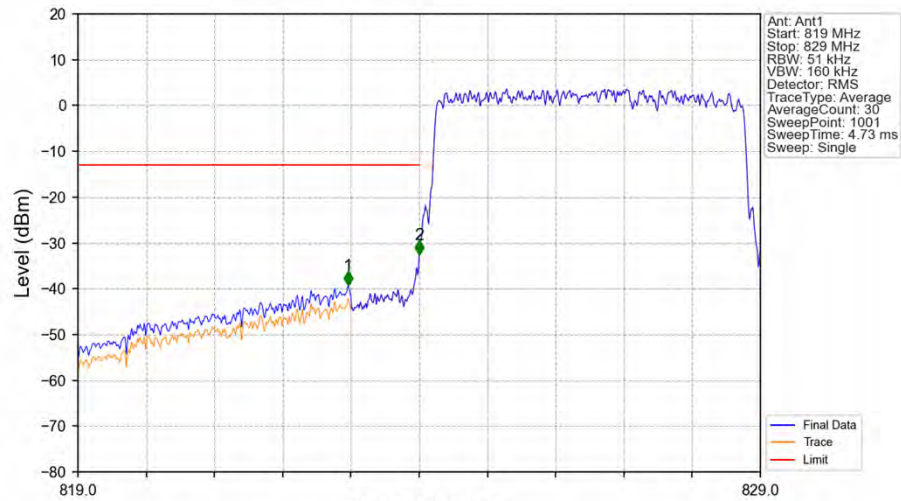
Band5_5MHz_16QAM_LCH_826.5MHz_RB_1_0_NTNV



Band5_5MHz_16QAM_LCH_826.5MHz_RB_1_0_NTNV

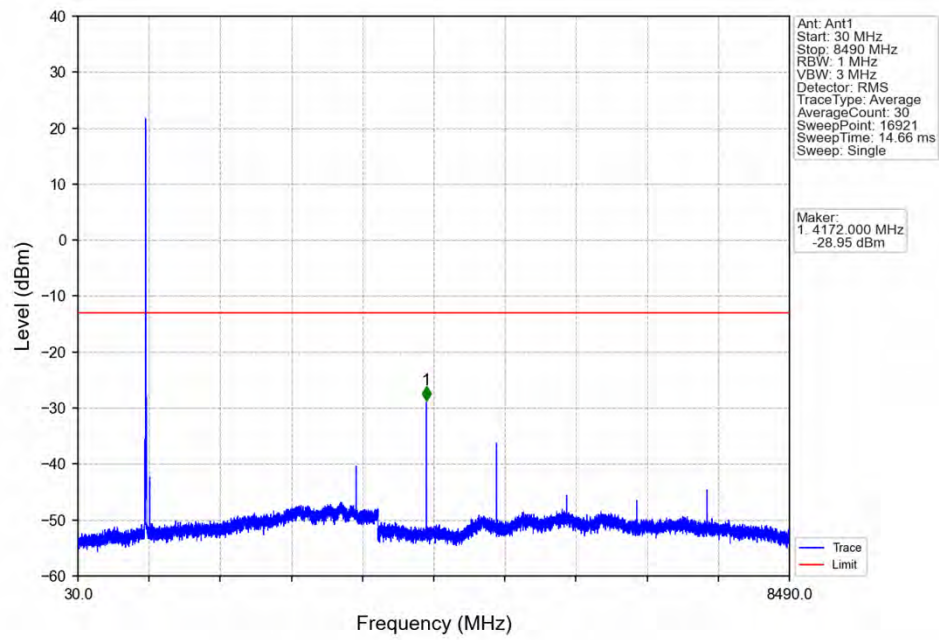


Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV

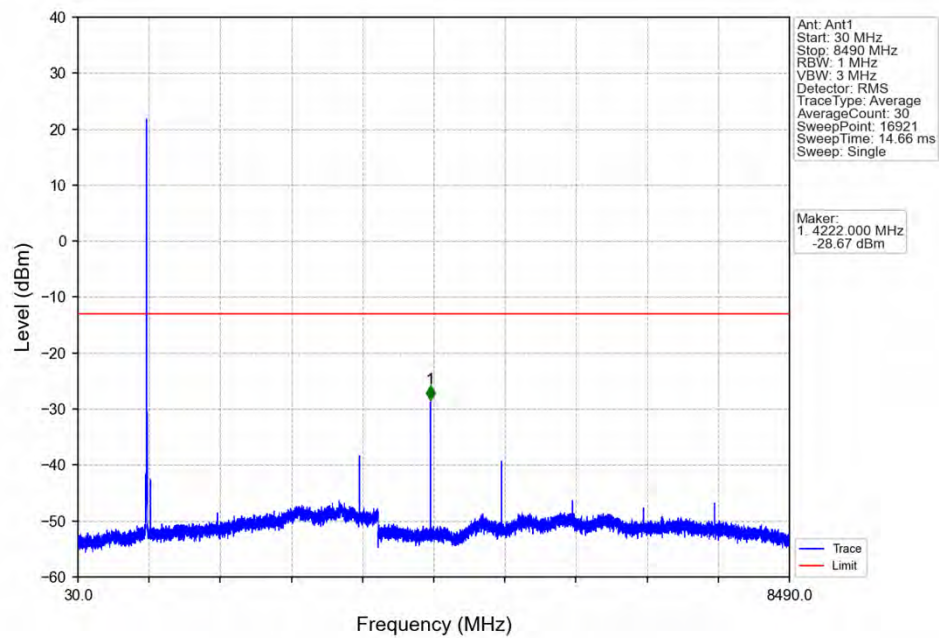


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	2.92	1	822.960	-39.28	-13	Pass
823	824	0.051	0	2	824.000	-32.53	-13	Pass
824	829	0.051	0	/	/	/	/	/

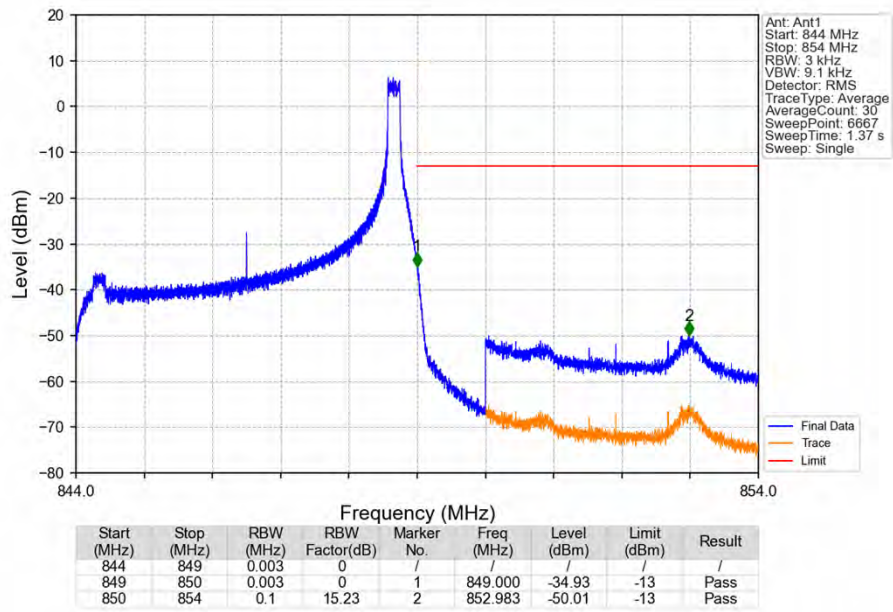
Band5_5MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



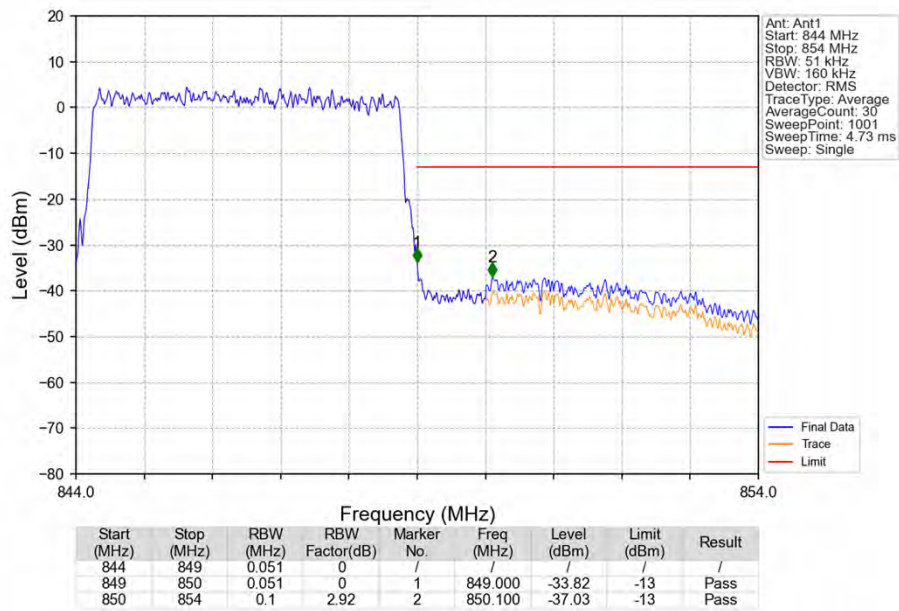
Band5_5MHz_16QAM_HCH_846.5MHz_RB_1_0_NTNV



Band5_5MHz_16QAM_HCH_846.5MHz_RB_1_24_NTNV



Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV

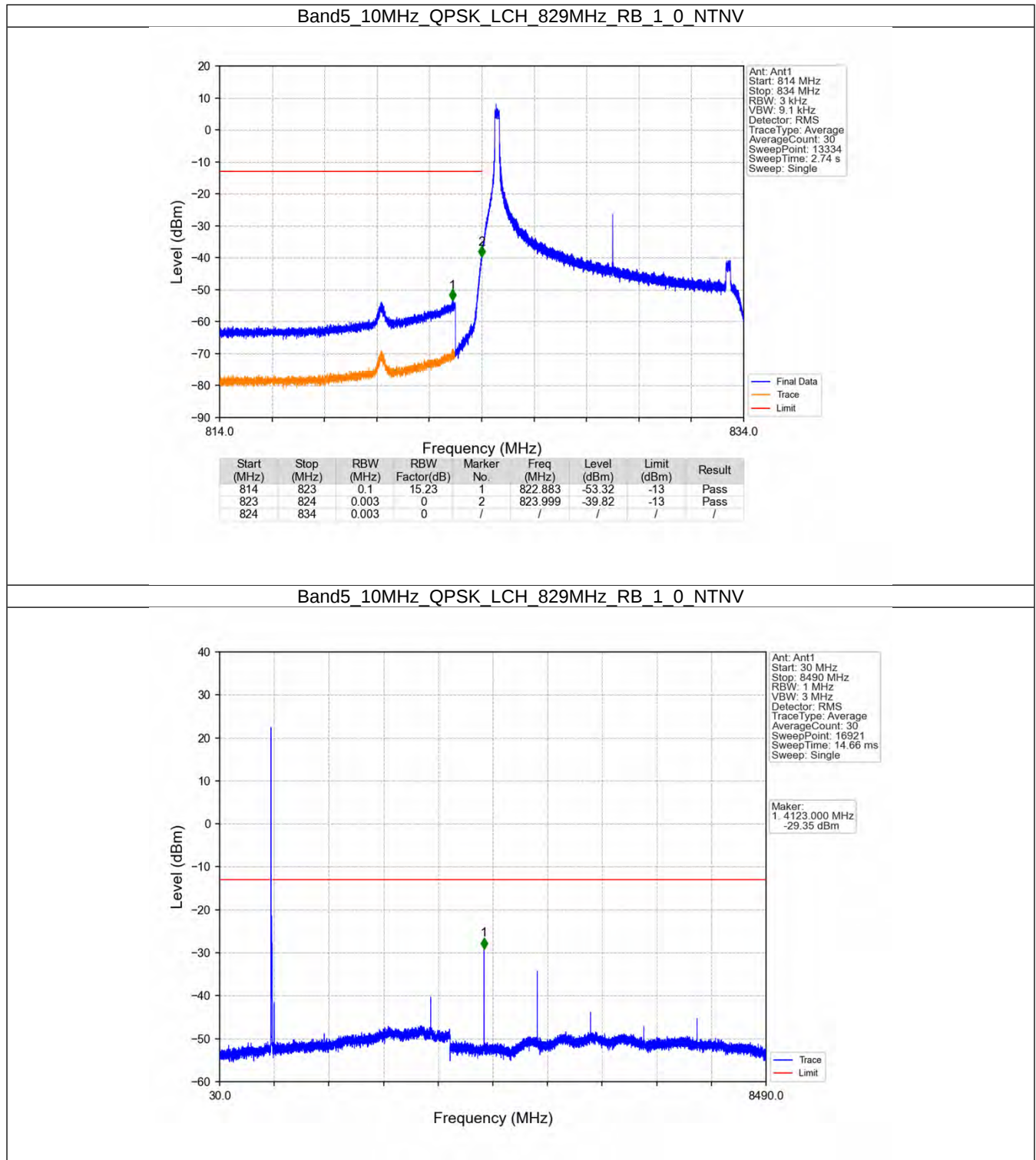


6.4 B5_10MHz

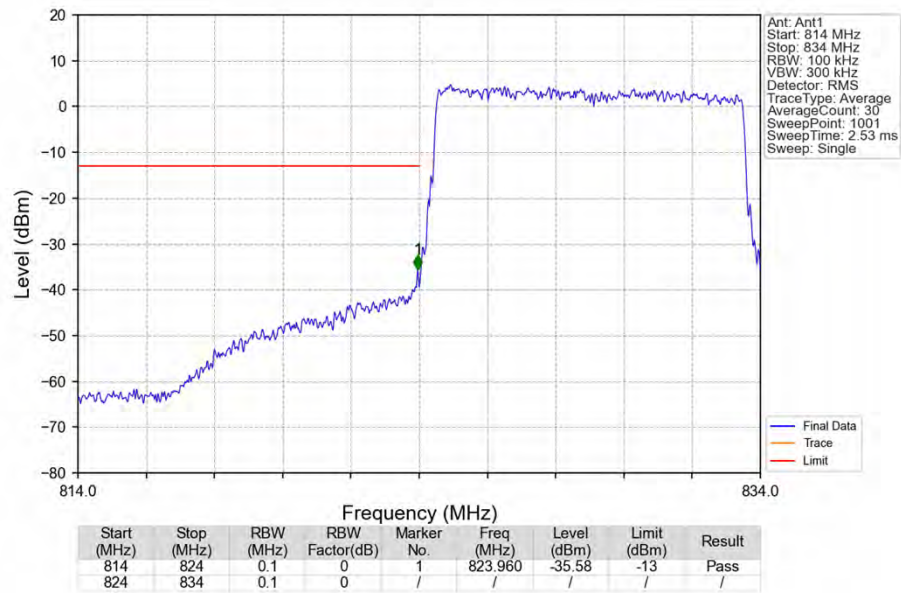
6.4.1 Test Result

Band: 5 / Bandwidth: 10MHz / NTVN						
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

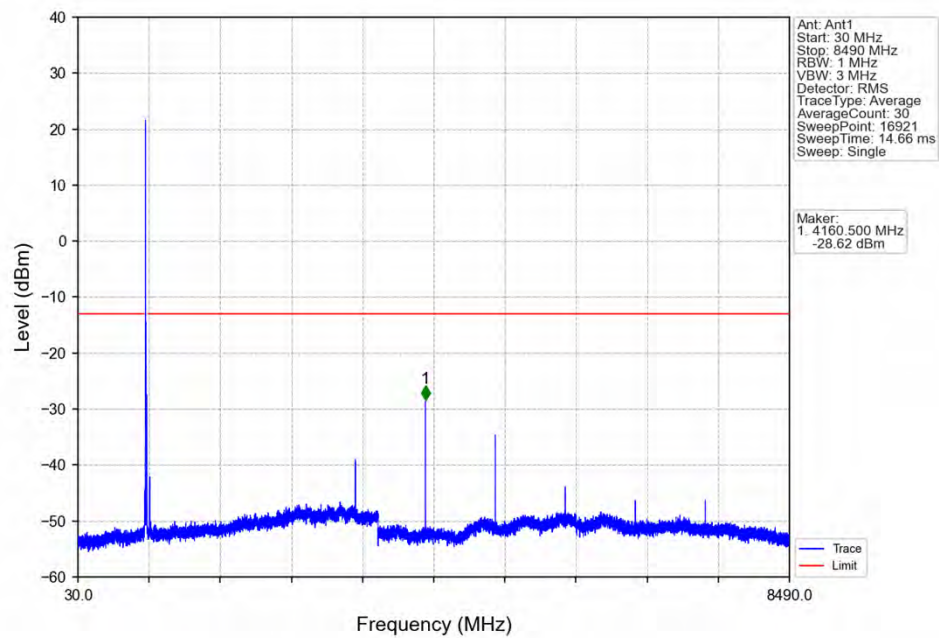
6.4.2 Test Graph



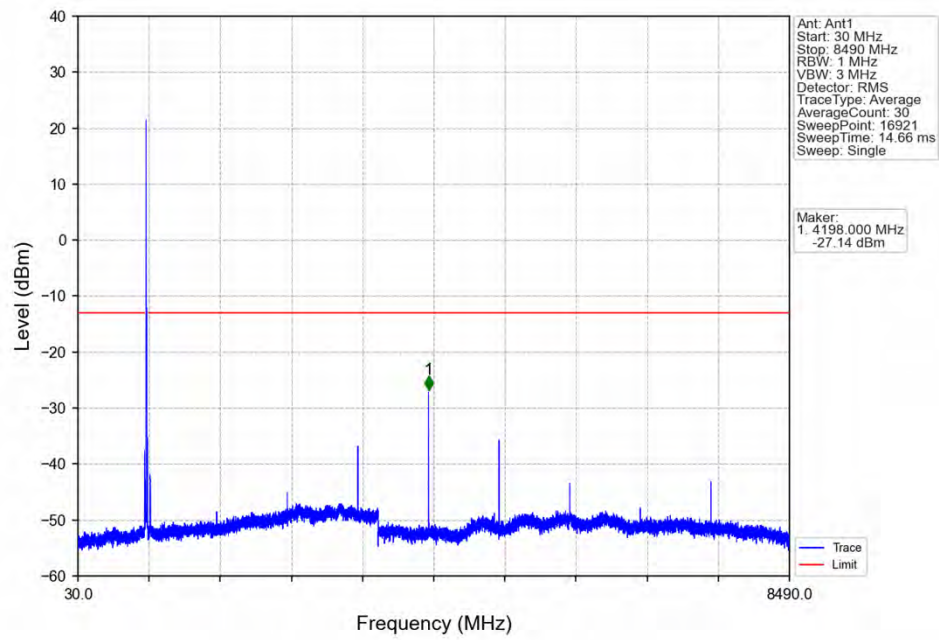
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



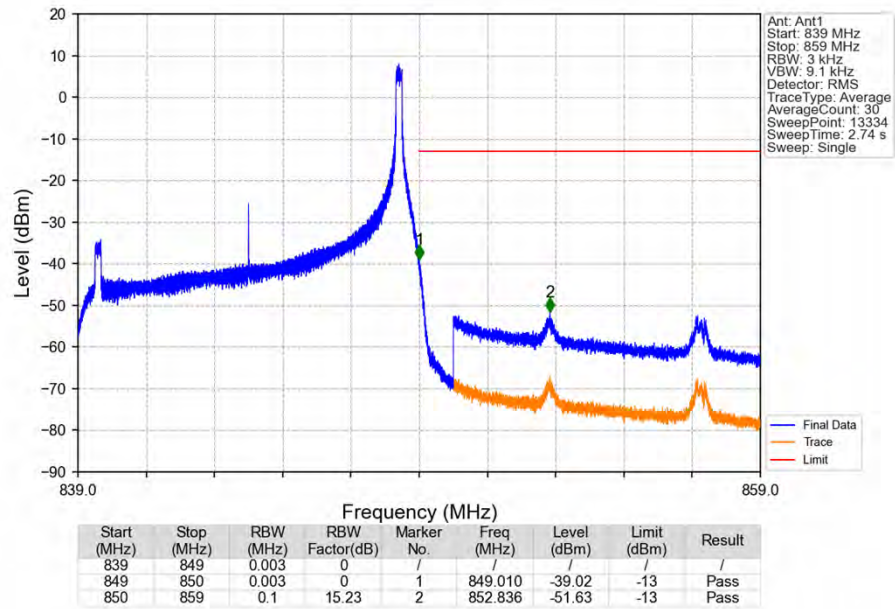
Band5_10MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



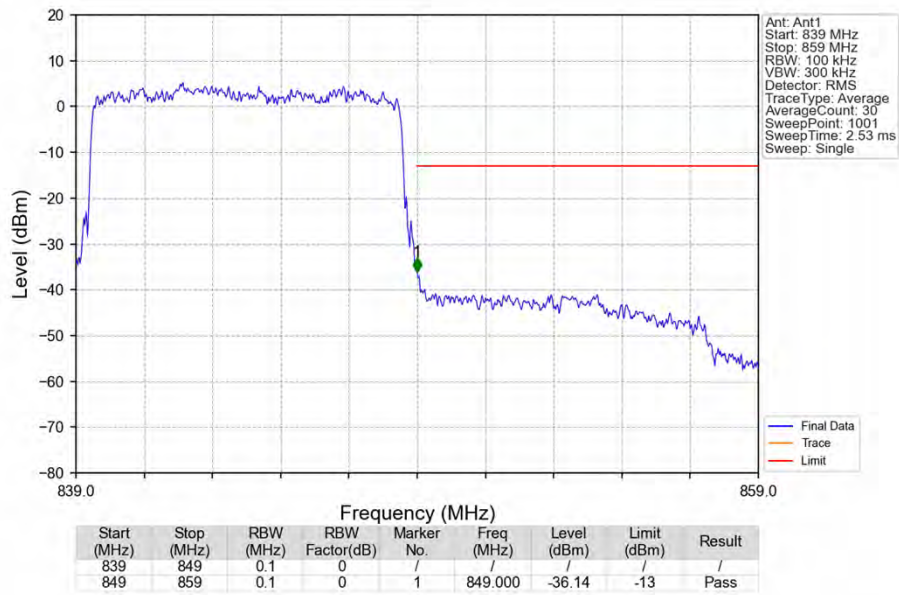
Band5_10MHz_QPSK_HCH_844MHz_RB_1_0_NTNV



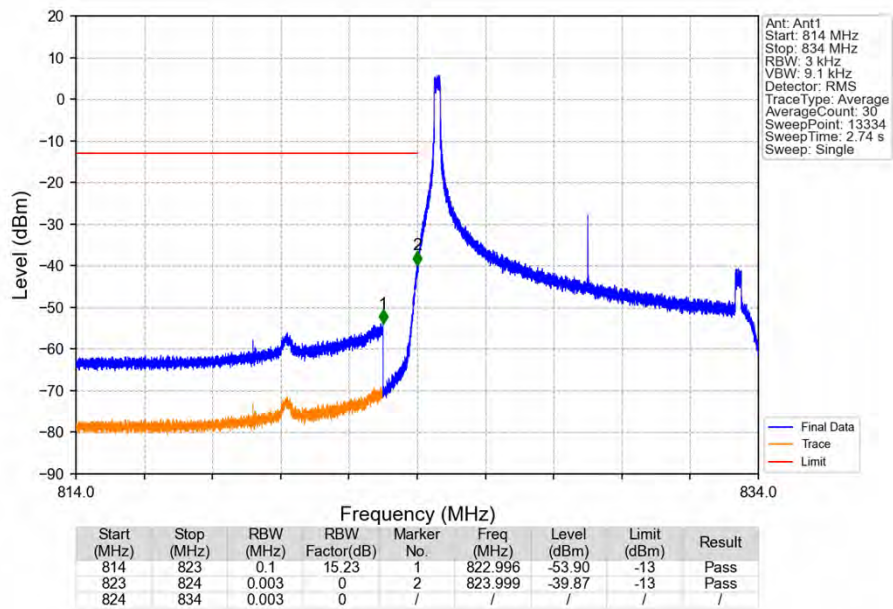
Band5_10MHz_QPSK_HCH_844MHz_RB_1_49_NTNV



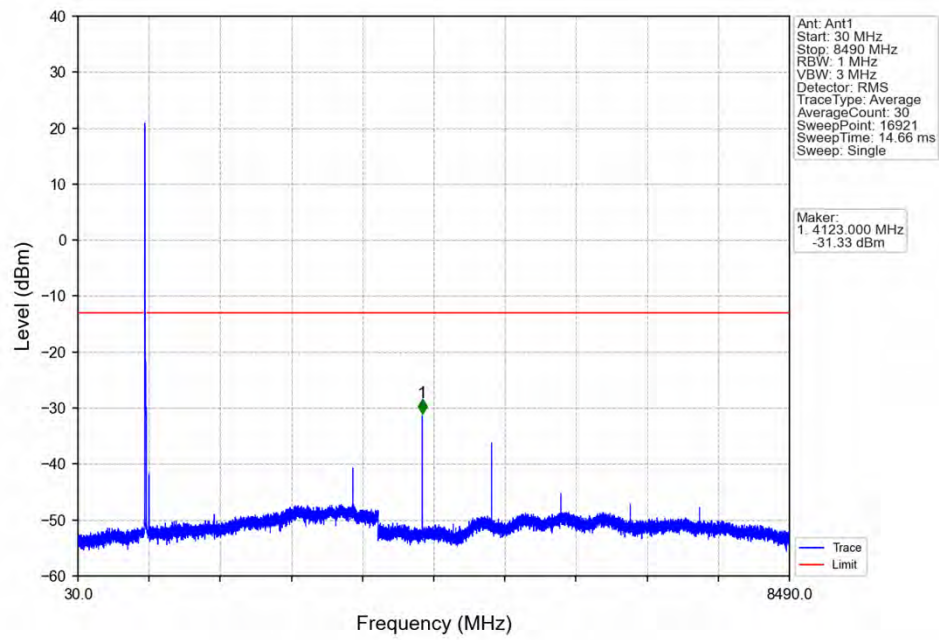
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



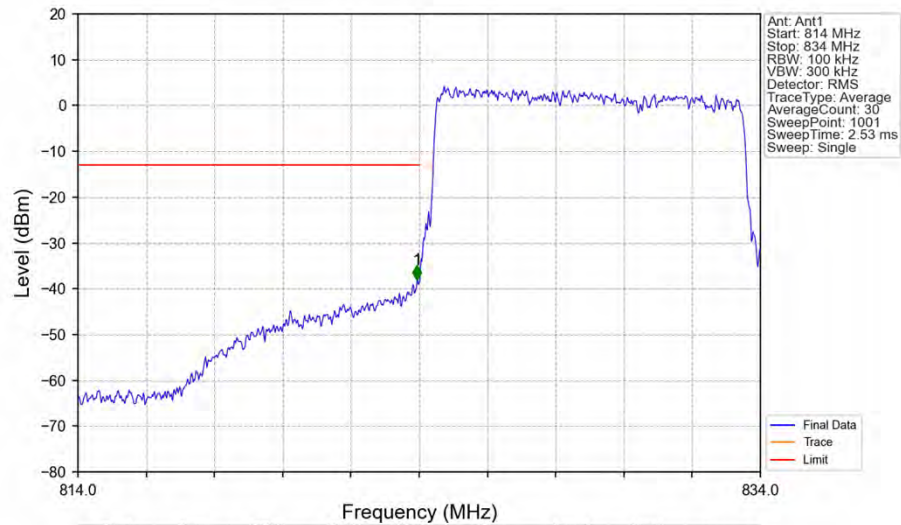
Band5_10MHz_16QAM_LCH_829MHz_RB_1_0_NTNV



Band5_10MHz_16QAM_LCH_829MHz_RB_1_0_NTNV

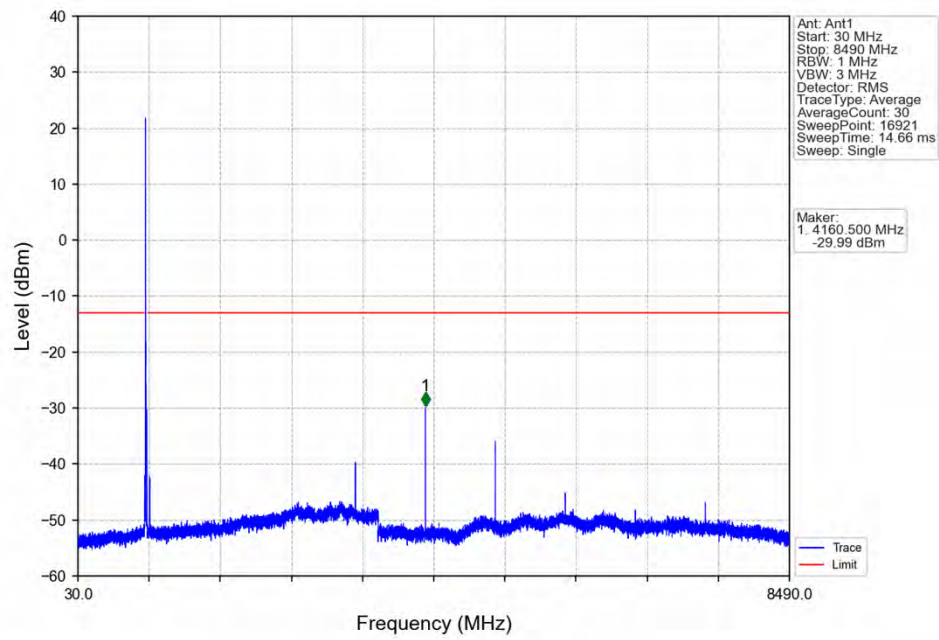


Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV

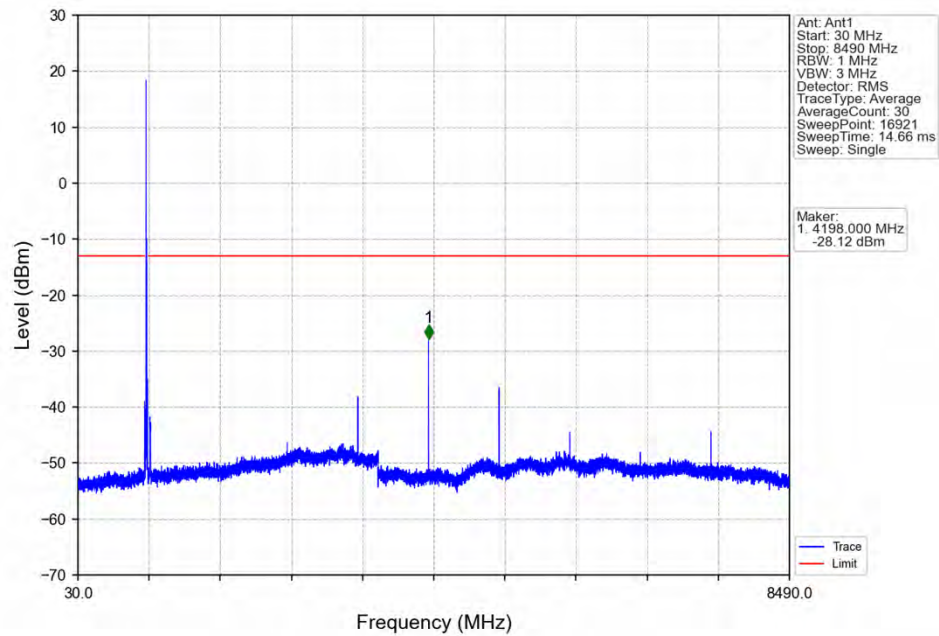


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	824	0.1	0	1	823.940	-38.02	-13	Pass
824	834	0.1	0	/	/	/	/	/

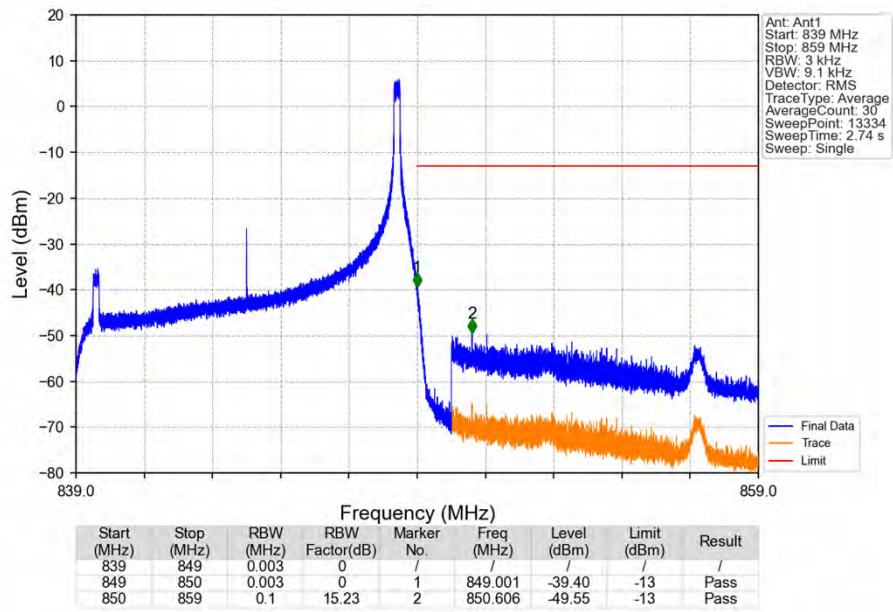
Band5_10MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



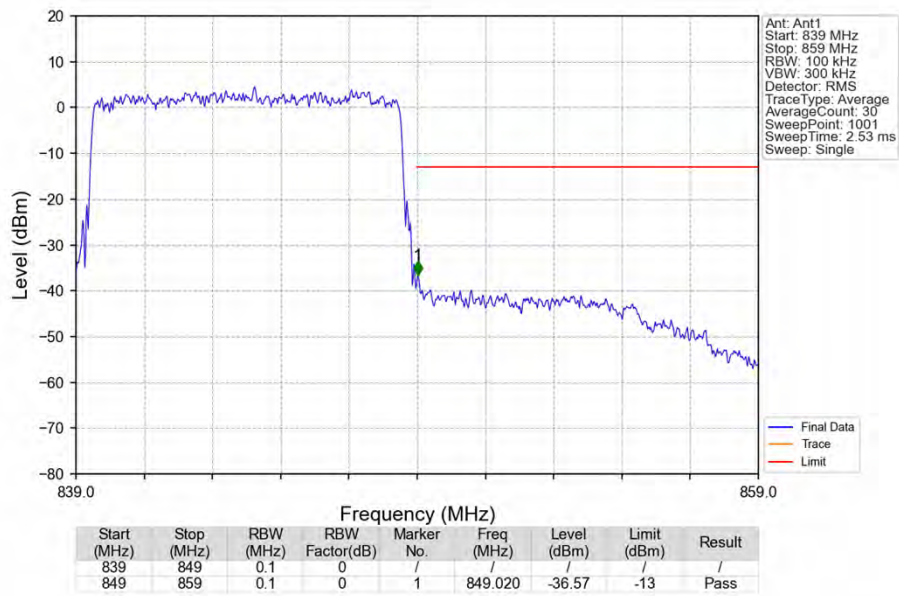
Band5_10MHz_16QAM_HCH_844MHz_RB_1_0_NTNV



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	0.2523	0.0053	ppm	1M11G7D	24E	24.02
5	1.4	824.7	848.3	0.2051	0.0056	ppm	1M12W7D	24E	23.12
5	3	825.5	847.5	0.2582	0.0051	ppm	2M76G7D	24E	24.12
5	3	825.5	847.5	0.2143	0.0047	ppm	2M78W7D	24E	23.31
5	5	826.5	846.5	0.2679	0.0038	ppm	4M56G7D	24E	24.28
5	5	826.5	846.5	0.2104	0.0047	ppm	4M57W7D	24E	23.23
5	10	829	844	0.2612	0.0059	ppm	9M08G7D	24E	24.17
5	10	829	844	0.2138	0.0049	ppm	9M10W7D	24E	23.30

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	0.1496	0.0053	ppm	1M11G7D	24E	21.75
5	1.4	824.7	848.3	0.1216	0.0056	ppm	1M12W7D	24E	20.85
5	3	825.5	847.5	0.1531	0.0051	ppm	2M76G7D	24E	21.85
5	3	825.5	847.5	0.1271	0.0047	ppm	2M78W7D	24E	21.04
5	5	826.5	846.5	0.1589	0.0038	ppm	4M56G7D	24E	22.01
5	5	826.5	846.5	0.1247	0.0047	ppm	4M57W7D	24E	20.96
5	10	829	844	0.1549	0.0059	ppm	9M08G7D	24E	21.90
5	10	829	844	0.1268	0.0049	ppm	9M10W7D	24E	21.03