

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	21.97	0.53	20.35	<=38.45	Pass	
			2	22.09	0.53	20.47	<=38.45	Pass	
			5	21.96	0.53	20.34	<=38.45	Pass	
		3	0	22.07	0.53	20.45	<=38.45	Pass	
			2	22.12	0.53	20.50	<=38.45	Pass	
			3	22.10	0.53	20.48	<=38.45	Pass	
	6	0	21.09	0.53	19.47	<=38.45	Pass		
	836.5	1	0	21.97	0.53	20.35	<=38.45	Pass	
			2	22.10	0.53	20.48	<=38.45	Pass	
			5	21.96	0.53	20.34	<=38.45	Pass	
		3	0	22.08	0.53	20.46	<=38.45	Pass	
			2	22.10	0.53	20.48	<=38.45	Pass	
			3	22.10	0.53	20.48	<=38.45	Pass	
	6	0	21.05	0.53	19.43	<=38.45	Pass		
	848.3	1	0	21.82	0.53	20.20	<=38.45	Pass	
			2	21.87	0.53	20.25	<=38.45	Pass	
			5	21.74	0.53	20.12	<=38.45	Pass	
		3	0	21.94	0.53	20.32	<=38.45	Pass	
			2	21.93	0.53	20.31	<=38.45	Pass	
			3	21.90	0.53	20.28	<=38.45	Pass	
	6	0	20.90	0.53	19.28	<=38.45	Pass		
	16QAM	824.7	1	0	21.20	0.53	19.58	<=38.45	Pass
				2	21.30	0.53	19.68	<=38.45	Pass
				5	21.21	0.53	19.59	<=38.45	Pass
3			0	21.08	0.53	19.46	<=38.45	Pass	
			2	21.13	0.53	19.51	<=38.45	Pass	
			3	21.08	0.53	19.46	<=38.45	Pass	
6		0	20.13	0.53	18.51	<=38.45	Pass		
836.5		1	0	21.05	0.53	19.43	<=38.45	Pass	
			2	21.12	0.53	19.50	<=38.45	Pass	
			5	21.05	0.53	19.43	<=38.45	Pass	
		3	0	21.18	0.53	19.56	<=38.45	Pass	
			2	21.18	0.53	19.56	<=38.45	Pass	
			3	21.17	0.53	19.55	<=38.45	Pass	
6		0	20.04	0.53	18.42	<=38.45	Pass		
848.3		1	0	20.87	0.53	19.25	<=38.45	Pass	
			2	20.95	0.53	19.33	<=38.45	Pass	
			5	20.81	0.53	19.19	<=38.45	Pass	
		3	0	21.13	0.53	19.51	<=38.45	Pass	
			2	21.15	0.53	19.53	<=38.45	Pass	
			3	21.13	0.53	19.51	<=38.45	Pass	
6		0	19.96	0.53	18.34	<=38.45	Pass		

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.2 B5_3MHz_ERP

1.2.1 Test Result

Band: 5 / Bandwidth: 3MHz / NTNV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	825.5	1	0	22.11	0.53	20.49	<=38.45	Pass		
			7	22.28	0.53	20.66	<=38.45	Pass		
			14	22.05	0.53	20.43	<=38.45	Pass		
		8	0	21.13	0.53	19.51	<=38.45	Pass		
			4	21.19	0.53	19.57	<=38.45	Pass		
			7	21.13	0.53	19.51	<=38.45	Pass		
		15	0	21.15	0.53	19.53	<=38.45	Pass		
		836.5	1	0	22.12	0.53	20.50	<=38.45	Pass	
				7	22.24	0.53	20.62	<=38.45	Pass	
	14			22.07	0.53	20.45	<=38.45	Pass		
	8		0	21.19	0.53	19.57	<=38.45	Pass		
			4	21.17	0.53	19.55	<=38.45	Pass		
			7	21.11	0.53	19.49	<=38.45	Pass		
	15		0	21.15	0.53	19.53	<=38.45	Pass		
	847.5		1	0	22.06	0.53	20.44	<=38.45	Pass	
				7	22.18	0.53	20.56	<=38.45	Pass	
		14		21.91	0.53	20.29	<=38.45	Pass		
		8	0	21.09	0.53	19.47	<=38.45	Pass		
			4	21.03	0.53	19.41	<=38.45	Pass		
			7	20.97	0.53	19.35	<=38.45	Pass		
		15	0	20.99	0.53	19.37	<=38.45	Pass		
		16QAM	825.5	1	0	21.70	0.53	20.08	<=38.45	Pass
					7	21.85	0.53	20.23	<=38.45	Pass
	14				21.64	0.53	20.02	<=38.45	Pass	
8	0			20.33	0.53	18.71	<=38.45	Pass		
	4			20.38	0.53	18.76	<=38.45	Pass		
	7			20.33	0.53	18.71	<=38.45	Pass		
15	0			20.23	0.53	18.61	<=38.45	Pass		
836.5	1			0	21.32	0.53	19.70	<=38.45	Pass	
				7	21.45	0.53	19.83	<=38.45	Pass	
			14	21.26	0.53	19.64	<=38.45	Pass		
	8		0	20.19	0.53	18.57	<=38.45	Pass		
			4	20.18	0.53	18.56	<=38.45	Pass		
			7	20.10	0.53	18.48	<=38.45	Pass		
	15		0	20.15	0.53	18.53	<=38.45	Pass		
	847.5		1	0	21.16	0.53	19.54	<=38.45	Pass	
				7	21.25	0.53	19.63	<=38.45	Pass	
14				21.00	0.53	19.38	<=38.45	Pass		
8			0	20.18	0.53	18.56	<=38.45	Pass		
			4	20.17	0.53	18.55	<=38.45	Pass		
			7	20.06	0.53	18.44	<=38.45	Pass		
15			0	20.13	0.53	18.51	<=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	21.95	0.53	20.33	<=38.45	Pass		
			13	22.07	0.53	20.45	<=38.45	Pass		
			24	21.98	0.53	20.36	<=38.45	Pass		
		12	0	21.09	0.53	19.47	<=38.45	Pass		
			6	21.11	0.53	19.49	<=38.45	Pass		
			13	21.04	0.53	19.42	<=38.45	Pass		
		25	0	21.05	0.53	19.43	<=38.45	Pass		
		836.5	1	0	22.00	0.53	20.38	<=38.45	Pass	
				13	22.07	0.53	20.45	<=38.45	Pass	
	24			21.93	0.53	20.31	<=38.45	Pass		
	12		0	21.15	0.53	19.53	<=38.45	Pass		
			6	21.11	0.53	19.49	<=38.45	Pass		
			13	21.00	0.53	19.38	<=38.45	Pass		
	25		0	21.06	0.53	19.44	<=38.45	Pass		
	846.5		1	0	21.91	0.53	20.29	<=38.45	Pass	
				13	22.06	0.53	20.44	<=38.45	Pass	
		24		21.81	0.53	20.19	<=38.45	Pass		
		12	0	21.08	0.53	19.46	<=38.45	Pass		
			6	21.08	0.53	19.46	<=38.45	Pass		
			13	20.83	0.53	19.21	<=38.45	Pass		
		25	0	20.97	0.53	19.35	<=38.45	Pass		
		16QAM	826.5	1	0	20.86	0.53	19.24	<=38.45	Pass
					13	20.98	0.53	19.36	<=38.45	Pass
	24				20.86	0.53	19.24	<=38.45	Pass	
12	0			20.06	0.53	18.44	<=38.45	Pass		
	6			20.14	0.53	18.52	<=38.45	Pass		
	13			20.10	0.53	18.48	<=38.45	Pass		
25	0			20.14	0.53	18.52	<=38.45	Pass		
836.5	1			0	21.28	0.53	19.66	<=38.45	Pass	
				13	21.41	0.53	19.79	<=38.45	Pass	
			24	21.23	0.53	19.61	<=38.45	Pass		
	12		0	20.20	0.53	18.58	<=38.45	Pass		
			6	20.20	0.53	18.58	<=38.45	Pass		
			13	20.04	0.53	18.42	<=38.45	Pass		
	25		0	20.10	0.53	18.48	<=38.45	Pass		
	846.5		1	0	21.08	0.53	19.46	<=38.45	Pass	
				13	21.16	0.53	19.54	<=38.45	Pass	
24				20.92	0.53	19.30	<=38.45	Pass		
12			0	20.09	0.53	18.47	<=38.45	Pass		
			6	20.13	0.53	18.51	<=38.45	Pass		
			13	19.83	0.53	18.21	<=38.45	Pass		
25			0	20.02	0.53	18.40	<=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	21.98	0.53	20.36	<=38.45	Pass		
			25	22.23	0.53	20.61	<=38.45	Pass		
			49	22.04	0.53	20.42	<=38.45	Pass		
		25	0	21.11	0.53	19.49	<=38.45	Pass		
			13	21.18	0.53	19.56	<=38.45	Pass		
			25	21.15	0.53	19.53	<=38.45	Pass		
		50	0	21.15	0.53	19.53	<=38.45	Pass		
		836.5	1	0	22.08	0.53	20.46	<=38.45	Pass	
				25	22.21	0.53	20.59	<=38.45	Pass	
	49			21.94	0.53	20.32	<=38.45	Pass		
	25		0	21.27	0.53	19.65	<=38.45	Pass		
			13	21.14	0.53	19.52	<=38.45	Pass		
			25	21.05	0.53	19.43	<=38.45	Pass		
	50		0	21.13	0.53	19.51	<=38.45	Pass		
	844		1	0	21.98	0.53	20.36	<=38.45	Pass	
				25	22.24	0.53	20.62	<=38.45	Pass	
		49		21.87	0.53	20.25	<=38.45	Pass		
		25	0	21.03	0.53	19.41	<=38.45	Pass		
			13	21.09	0.53	19.47	<=38.45	Pass		
			25	20.84	0.53	19.22	<=38.45	Pass		
		50	0	20.94	0.53	19.32	<=38.45	Pass		
		16QAM	829	1	0	21.60	0.53	19.98	<=38.45	Pass
					25	21.81	0.53	20.19	<=38.45	Pass
	49				21.63	0.53	20.01	<=38.45	Pass	
25	0			20.20	0.53	18.58	<=38.45	Pass		
	13			20.28	0.53	18.66	<=38.45	Pass		
	25			20.24	0.53	18.62	<=38.45	Pass		
50	0			20.19	0.53	18.57	<=38.45	Pass		
836.5	1			0	21.22	0.53	19.60	<=38.45	Pass	
				25	21.43	0.53	19.81	<=38.45	Pass	
			49	21.14	0.53	19.52	<=38.45	Pass		
	25		0	20.30	0.53	18.68	<=38.45	Pass		
			13	20.19	0.53	18.57	<=38.45	Pass		
			25	20.10	0.53	18.48	<=38.45	Pass		
	50		0	20.15	0.53	18.53	<=38.45	Pass		
	844		1	0	21.02	0.53	19.40	<=38.45	Pass	
				25	21.25	0.53	19.63	<=38.45	Pass	
49				20.90	0.53	19.28	<=38.45	Pass		
25			0	20.15	0.53	18.53	<=38.45	Pass		
			13	20.22	0.53	18.60	<=38.45	Pass		
			25	20.01	0.53	18.39	<=38.45	Pass		
50			0	19.95	0.53	18.33	<=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	3.27	-3.061	-0.0037	-2.5 to 2.5	Pass	
					3.85	-5.407	-0.0066	-2.5 to 2.5	Pass	
					4.43	-9.842	-0.0119	-2.5 to 2.5	Pass	
				-30	3.85	-4.764	-0.0058	-2.5 to 2.5	Pass	
					-20	3.85	-6.380	-0.0077	-2.5 to 2.5	Pass
						-10	3.85	-11.344	-0.0138	-2.5 to 2.5
				0	3.85	-11.230	-0.0136	-2.5 to 2.5	Pass	
					10	3.85	-5.922	-0.0072	-2.5 to 2.5	Pass
				30	3.85	-9.999	-0.0121	-2.5 to 2.5	Pass	
	40	3.85	-13.618	-0.0165	-2.5 to 2.5	Pass				
	50	3.85	-6.051	-0.0073	-2.5 to 2.5	Pass				
	836.5	6	0	20	3.27	-2.203	-0.0026	-2.5 to 2.5	Pass	
					3.85	-10.457	-0.0125	-2.5 to 2.5	Pass	
					4.43	-12.631	-0.0151	-2.5 to 2.5	Pass	
				-30	3.85	-10.042	-0.0120	-2.5 to 2.5	Pass	
					-20	3.85	-6.380	-0.0076	-2.5 to 2.5	Pass
						-10	3.85	-10.672	-0.0128	-2.5 to 2.5
				0	3.85	-9.570	-0.0114	-2.5 to 2.5	Pass	
					10	3.85	-12.345	-0.0148	-2.5 to 2.5	Pass
				30	3.85	-5.522	-0.0066	-2.5 to 2.5	Pass	
	40	3.85	-7.911	-0.0095	-2.5 to 2.5	Pass				
	50	3.85	-5.279	-0.0063	-2.5 to 2.5	Pass				
	848.3	6	0	20	3.27	-7.839	-0.0092	-2.5 to 2.5	Pass	
					3.85	-9.685	-0.0114	-2.5 to 2.5	Pass	
					4.43	-3.233	-0.0038	-2.5 to 2.5	Pass	
				-30	3.85	-8.926	-0.0105	-2.5 to 2.5	Pass	
					-20	3.85	-4.964	-0.0059	-2.5 to 2.5	Pass
-10						3.85	-5.651	-0.0067	-2.5 to 2.5	Pass
0				3.85	-13.046	-0.0154	-2.5 to 2.5	Pass		
				10	3.85	-2.117	-0.0025	-2.5 to 2.5	Pass	
30				3.85	-13.018	-0.0153	-2.5 to 2.5	Pass		
40	3.85	-13.232	-0.0156	-2.5 to 2.5	Pass					
50	3.85	-5.178	-0.0061	-2.5 to 2.5	Pass					
16QAM	824.7	6	0	20	3.27	-6.967	-0.0084	-2.5 to 2.5	Pass	
					3.85	-3.233	-0.0039	-2.5 to 2.5	Pass	
					4.43	-0.601	-0.0007	-2.5 to 2.5	Pass	
				-30	3.85	-7.954	-0.0096	-2.5 to 2.5	Pass	
					-20	3.85	-11.673	-0.0142	-2.5 to 2.5	Pass
						-10	3.85	-3.877	-0.0047	-2.5 to 2.5
				0	3.85	-7.825	-0.0095	-2.5 to 2.5	Pass	
					10	3.85	-8.698	-0.0105	-2.5 to 2.5	Pass
				30	3.85	-2.146	-0.0026	-2.5 to 2.5	Pass	
40	3.85	-8.411	-0.0102	-2.5 to 2.5	Pass					
50	3.85	-7.138	-0.0087	-2.5 to 2.5	Pass					

	836.5	6	0	20	3.27	-8.426	-0.0101	-2.5 to 2.5	Pass
					3.85	-3.219	-0.0038	-2.5 to 2.5	Pass
					4.43	-10.071	-0.0120	-2.5 to 2.5	Pass
				-30	3.85	-7.296	-0.0087	-2.5 to 2.5	Pass
				-20	3.85	-9.756	-0.0117	-2.5 to 2.5	Pass
				-10	3.85	-12.860	-0.0154	-2.5 to 2.5	Pass
				0	3.85	-8.640	-0.0103	-2.5 to 2.5	Pass
				10	3.85	-8.669	-0.0104	-2.5 to 2.5	Pass
				30	3.85	-8.225	-0.0098	-2.5 to 2.5	Pass
	40	3.85	-6.866	-0.0082	-2.5 to 2.5	Pass			
	50	3.85	-8.297	-0.0099	-2.5 to 2.5	Pass			
	848.3	6	0	20	3.27	-3.204	-0.0038	-2.5 to 2.5	Pass
					3.85	-7.639	-0.0090	-2.5 to 2.5	Pass
					4.43	-8.497	-0.0100	-2.5 to 2.5	Pass
				-30	3.85	-1.302	-0.0015	-2.5 to 2.5	Pass
				-20	3.85	-8.812	-0.0104	-2.5 to 2.5	Pass
				-10	3.85	-1.202	-0.0014	-2.5 to 2.5	Pass
				0	3.85	-3.848	-0.0045	-2.5 to 2.5	Pass
10				3.85	-5.450	-0.0064	-2.5 to 2.5	Pass	
30				3.85	-5.035	-0.0059	-2.5 to 2.5	Pass	
40	3.85	2.289	0.0027	-2.5 to 2.5	Pass				
50	3.85	-6.824	-0.0080	-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	3.691	0.0045	-2.5 to 2.5	Pass
					3.85	-2.503	-0.0030	-2.5 to 2.5	Pass
					4.43	-1.259	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	-1.101	-0.0013	-2.5 to 2.5	Pass
				-20	3.85	-8.111	-0.0098	-2.5 to 2.5	Pass
				-10	3.85	-4.835	-0.0059	-2.5 to 2.5	Pass
				0	3.85	-1.459	-0.0018	-2.5 to 2.5	Pass
				10	3.85	-8.068	-0.0098	-2.5 to 2.5	Pass
				30	3.85	-8.969	-0.0109	-2.5 to 2.5	Pass
	40	3.85	2.761	0.0033	-2.5 to 2.5	Pass			
	50	3.85	-1.459	-0.0018	-2.5 to 2.5	Pass			
	836.5	15	0	20	3.27	-3.219	-0.0038	-2.5 to 2.5	Pass
					3.85	-10.257	-0.0123	-2.5 to 2.5	Pass
					4.43	-9.799	-0.0117	-2.5 to 2.5	Pass
				-30	3.85	-10.042	-0.0120	-2.5 to 2.5	Pass
				-20	3.85	-5.565	-0.0067	-2.5 to 2.5	Pass
				-10	3.85	-8.054	-0.0096	-2.5 to 2.5	Pass
				0	3.85	-9.270	-0.0111	-2.5 to 2.5	Pass
10				3.85	-1.073	-0.0013	-2.5 to 2.5	Pass	
30				3.85	-5.879	-0.0070	-2.5 to 2.5	Pass	
40	3.85	-8.826	-0.0106	-2.5 to 2.5	Pass				
50	3.85	-6.995	-0.0084	-2.5 to 2.5	Pass				



	847.5	15	0	20	3.27	-4.864	-0.0057	-2.5 to 2.5	Pass				
					3.85	-7.110	-0.0084	-2.5 to 2.5	Pass				
					4.43	-7.696	-0.0091	-2.5 to 2.5	Pass				
								-30	3.85	-6.337	-0.0075	-2.5 to 2.5	Pass
								-20	3.85	-9.713	-0.0115	-2.5 to 2.5	Pass
								-10	3.85	-9.842	-0.0116	-2.5 to 2.5	Pass
								0	3.85	-6.552	-0.0077	-2.5 to 2.5	Pass
								10	3.85	-3.605	-0.0043	-2.5 to 2.5	Pass
								30	3.85	-4.020	-0.0047	-2.5 to 2.5	Pass
								40	3.85	-3.548	-0.0042	-2.5 to 2.5	Pass
								50	3.85	-0.730	-0.0009	-2.5 to 2.5	Pass
								16QAM	825.5	15	0	20	3.27
3.85	-7.882	-0.0095	-2.5 to 2.5	Pass									
4.43	-5.894	-0.0071	-2.5 to 2.5	Pass									
				-30	3.85	-3.433	-0.0042					-2.5 to 2.5	Pass
				-20	3.85	-3.033	-0.0037					-2.5 to 2.5	Pass
				-10	3.85	-7.339	-0.0089					-2.5 to 2.5	Pass
				0	3.85	-4.134	-0.0050					-2.5 to 2.5	Pass
				10	3.85	-6.952	-0.0084					-2.5 to 2.5	Pass
				30	3.85	2.861	0.0035					-2.5 to 2.5	Pass
				40	3.85	2.418	0.0029					-2.5 to 2.5	Pass
				50	3.85	-14.734	-0.0178					-2.5 to 2.5	Pass
					836.5	15	0					20	3.27
3.85	-4.478	-0.0054	-2.5 to 2.5					Pass					
4.43	-5.836	-0.0070	-2.5 to 2.5					Pass					
								-30	3.85	-6.051	-0.0072	-2.5 to 2.5	Pass
								-20	3.85	-5.422	-0.0065	-2.5 to 2.5	Pass
								-10	3.85	-6.981	-0.0083	-2.5 to 2.5	Pass
								0	3.85	-4.206	-0.0050	-2.5 to 2.5	Pass
								10	3.85	-11.888	-0.0142	-2.5 to 2.5	Pass
								30	3.85	-7.052	-0.0084	-2.5 to 2.5	Pass
								40	3.85	-5.622	-0.0067	-2.5 to 2.5	Pass
								50	3.85	-11.816	-0.0141	-2.5 to 2.5	Pass
									847.5	15	0	20	3.27
3.85	-4.277	-0.0050	-2.5 to 2.5	Pass									
4.43	-7.739	-0.0091	-2.5 to 2.5	Pass									
				-30	3.85	-4.749	-0.0056					-2.5 to 2.5	Pass
				-20	3.85	-4.163	-0.0049					-2.5 to 2.5	Pass
				-10	3.85	1.917	0.0023					-2.5 to 2.5	Pass
				0	3.85	-6.166	-0.0073					-2.5 to 2.5	Pass
				10	3.85	-7.296	-0.0086					-2.5 to 2.5	Pass
				30	3.85	-4.463	-0.0053					-2.5 to 2.5	Pass
				40	3.85	-9.041	-0.0107					-2.5 to 2.5	Pass
				50	3.85	-5.608	-0.0066					-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	-4.921	-0.0060	-2.5 to 2.5	Pass	
					3.85	-7.138	-0.0086	-2.5 to 2.5	Pass	
					4.43	-1.645	-0.0020	-2.5 to 2.5	Pass	
				-30	3.85	-8.597	-0.0104	-2.5 to 2.5	Pass	
					-20	3.85	-5.550	-0.0067	-2.5 to 2.5	Pass
						-10	3.85	-2.575	-0.0031	-2.5 to 2.5
				0	3.85	-9.127	-0.0110	-2.5 to 2.5	Pass	
					10	3.85	-4.249	-0.0051	-2.5 to 2.5	Pass
				30	3.85	-2.432	-0.0029	-2.5 to 2.5	Pass	
	40	3.85	-4.091		-0.0049	-2.5 to 2.5	Pass			
	50	3.85	-5.307	-0.0064	-2.5 to 2.5	Pass				
	836.5	25	0	20	3.27	-6.351	-0.0076	-2.5 to 2.5	Pass	
					3.85	-0.429	-0.0005	-2.5 to 2.5	Pass	
					4.43	-4.778	-0.0057	-2.5 to 2.5	Pass	
				-30	3.85	-7.010	-0.0084	-2.5 to 2.5	Pass	
					-20	3.85	-11.387	-0.0136	-2.5 to 2.5	Pass
						-10	3.85	-7.553	-0.0090	-2.5 to 2.5
				0	3.85	-4.950	-0.0059	-2.5 to 2.5	Pass	
					10	3.85	-6.938	-0.0083	-2.5 to 2.5	Pass
				30	3.85	-7.353	-0.0088	-2.5 to 2.5	Pass	
	40	3.85	-8.025		-0.0096	-2.5 to 2.5	Pass			
	50	3.85	-9.885	-0.0118	-2.5 to 2.5	Pass				
	846.5	25	0	20	3.27	-3.190	-0.0038	-2.5 to 2.5	Pass	
					3.85	-2.589	-0.0031	-2.5 to 2.5	Pass	
					4.43	-8.798	-0.0104	-2.5 to 2.5	Pass	
				-30	3.85	-10.142	-0.0120	-2.5 to 2.5	Pass	
					-20	3.85	-3.376	-0.0040	-2.5 to 2.5	Pass
-10						3.85	-9.456	-0.0112	-2.5 to 2.5	Pass
0				3.85	-5.250	-0.0062	-2.5 to 2.5	Pass		
				10	3.85	-6.108	-0.0072	-2.5 to 2.5	Pass	
30				3.85	-4.377	-0.0052	-2.5 to 2.5	Pass		
	40	3.85	-5.379	-0.0064	-2.5 to 2.5	Pass				
50	3.85	-5.078	-0.0060	-2.5 to 2.5	Pass					
16QAM	826.5	25	0	20	3.27	-11.215	-0.0136	-2.5 to 2.5	Pass	
					3.85	-6.824	-0.0083	-2.5 to 2.5	Pass	
					4.43	-7.753	-0.0094	-2.5 to 2.5	Pass	
				-30	3.85	-4.578	-0.0055	-2.5 to 2.5	Pass	
					-20	3.85	-3.719	-0.0045	-2.5 to 2.5	Pass
						-10	3.85	-4.606	-0.0056	-2.5 to 2.5
				0	3.85	-10.643	-0.0129	-2.5 to 2.5	Pass	
					10	3.85	-8.125	-0.0098	-2.5 to 2.5	Pass
				30	3.85	-2.918	-0.0035	-2.5 to 2.5	Pass	
	40	3.85	-5.751		-0.0070	-2.5 to 2.5	Pass			
	50	3.85	-3.877	-0.0047	-2.5 to 2.5	Pass				
	836.5	25	0	20	3.27	-7.324	-0.0088	-2.5 to 2.5	Pass	
					3.85	-4.735	-0.0057	-2.5 to 2.5	Pass	
					4.43	-6.037	-0.0072	-2.5 to 2.5	Pass	
				-30	3.85	-3.691	-0.0044	-2.5 to 2.5	Pass	
					-20	3.85	-9.956	-0.0119	-2.5 to 2.5	Pass
						-10	3.85	-5.951	-0.0071	-2.5 to 2.5
				0	3.85	-6.609	-0.0079	-2.5 to 2.5	Pass	
10					3.85	-3.076	-0.0037	-2.5 to 2.5	Pass	
30				3.85	-1.359	-0.0016	-2.5 to 2.5	Pass		
40	3.85	-4.792	-0.0057	-2.5 to 2.5	Pass					

	846.5	25	0	50	3.85	-7.997	-0.0096	-2.5 to 2.5	Pass
				20	3.27	-1.416	-0.0017	-2.5 to 2.5	Pass
					3.85	-2.904	-0.0034	-2.5 to 2.5	Pass
				-30	4.43	-2.017	-0.0024	-2.5 to 2.5	Pass
					3.85	-3.562	-0.0042	-2.5 to 2.5	Pass
				-20	3.85	-4.492	-0.0053	-2.5 to 2.5	Pass
				-10	3.85	-1.631	-0.0019	-2.5 to 2.5	Pass
				0	3.85	-8.140	-0.0096	-2.5 to 2.5	Pass
				10	3.85	-6.437	-0.0076	-2.5 to 2.5	Pass
				30	3.85	-4.220	-0.0050	-2.5 to 2.5	Pass
				40	3.85	-5.350	-0.0063	-2.5 to 2.5	Pass
				50	3.85	-7.110	-0.0084	-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	-5.064	-0.0061	-2.5 to 2.5	Pass
					3.85	-6.552	-0.0079	-2.5 to 2.5	Pass
					4.43	-5.851	-0.0071	-2.5 to 2.5	Pass
				-30	3.85	-5.293	-0.0064	-2.5 to 2.5	Pass
				-20	3.85	-4.649	-0.0056	-2.5 to 2.5	Pass
				-10	3.85	-6.309	-0.0076	-2.5 to 2.5	Pass
				0	3.85	-8.125	-0.0098	-2.5 to 2.5	Pass
				10	3.85	-3.047	-0.0037	-2.5 to 2.5	Pass
				30	3.85	-10.557	-0.0127	-2.5 to 2.5	Pass
				40	3.85	-6.766	-0.0082	-2.5 to 2.5	Pass
				50	3.85	-8.454	-0.0102	-2.5 to 2.5	Pass
				836.5	50	0	20	3.27	-5.937
	3.85	-9.656	-0.0115					-2.5 to 2.5	Pass
	4.43	-6.309	-0.0075					-2.5 to 2.5	Pass
	-30	3.85	-4.334				-0.0052	-2.5 to 2.5	Pass
	-20	3.85	-6.309				-0.0075	-2.5 to 2.5	Pass
	-10	3.85	-4.463				-0.0053	-2.5 to 2.5	Pass
	0	3.85	-7.882				-0.0094	-2.5 to 2.5	Pass
	10	3.85	-5.636				-0.0067	-2.5 to 2.5	Pass
	30	3.85	-6.323				-0.0076	-2.5 to 2.5	Pass
	40	3.85	-5.879				-0.0070	-2.5 to 2.5	Pass
	50	3.85	-9.170				-0.0110	-2.5 to 2.5	Pass
	844	50	0				20	3.27	-3.848
				3.85	-5.736	-0.0068		-2.5 to 2.5	Pass
				4.43	-6.580	-0.0078		-2.5 to 2.5	Pass
				-30	3.85	-5.994	-0.0071	-2.5 to 2.5	Pass
				-20	3.85	-8.841	-0.0105	-2.5 to 2.5	Pass
				-10	3.85	-7.381	-0.0087	-2.5 to 2.5	Pass
				0	3.85	-7.539	-0.0089	-2.5 to 2.5	Pass
				10	3.85	-7.439	-0.0088	-2.5 to 2.5	Pass
30				3.85	-7.253	-0.0086	-2.5 to 2.5	Pass	
40				3.85	-7.911	-0.0094	-2.5 to 2.5	Pass	

16QAM	829	50	0	50	3.85	-8.240	-0.0098	-2.5 to 2.5	Pass
				20	3.27	-5.679	-0.0069	-2.5 to 2.5	Pass
					3.85	-5.078	-0.0061	-2.5 to 2.5	Pass
				-30	4.43	-5.422	-0.0065	-2.5 to 2.5	Pass
					3.85	-5.608	-0.0068	-2.5 to 2.5	Pass
				-20	3.85	-7.396	-0.0089	-2.5 to 2.5	Pass
				-10	3.85	-3.376	-0.0041	-2.5 to 2.5	Pass
				0	3.85	-5.922	-0.0071	-2.5 to 2.5	Pass
				10	3.85	-5.007	-0.0060	-2.5 to 2.5	Pass
				30	3.85	-7.539	-0.0091	-2.5 to 2.5	Pass
	40	3.85	-9.298	-0.0112	-2.5 to 2.5	Pass			
	50	3.85	-2.689	-0.0032	-2.5 to 2.5	Pass			
	836.5	50	0	20	3.27	-3.805	-0.0045	-2.5 to 2.5	Pass
					3.85	-8.154	-0.0097	-2.5 to 2.5	Pass
				-30	4.43	-4.320	-0.0052	-2.5 to 2.5	Pass
					3.85	-6.509	-0.0078	-2.5 to 2.5	Pass
				-20	3.85	-6.695	-0.0080	-2.5 to 2.5	Pass
				-10	3.85	-7.339	-0.0088	-2.5 to 2.5	Pass
				0	3.85	-3.276	-0.0039	-2.5 to 2.5	Pass
				10	3.85	-6.523	-0.0078	-2.5 to 2.5	Pass
				30	3.85	-5.894	-0.0070	-2.5 to 2.5	Pass
				40	3.85	-1.931	-0.0023	-2.5 to 2.5	Pass
	50	3.85	-4.363	-0.0052	-2.5 to 2.5	Pass			
	844	50	0	20	3.27	-6.394	-0.0076	-2.5 to 2.5	Pass
					3.85	-5.836	-0.0069	-2.5 to 2.5	Pass
				-30	4.43	-4.463	-0.0053	-2.5 to 2.5	Pass
					3.85	-7.968	-0.0094	-2.5 to 2.5	Pass
				-20	3.85	-4.234	-0.0050	-2.5 to 2.5	Pass
				-10	3.85	-8.254	-0.0098	-2.5 to 2.5	Pass
				0	3.85	-6.881	-0.0082	-2.5 to 2.5	Pass
10				3.85	-8.054	-0.0095	-2.5 to 2.5	Pass	
30				3.85	-10.829	-0.0128	-2.5 to 2.5	Pass	
40				3.85	-11.601	-0.0137	-2.5 to 2.5	Pass	
50	3.85	-8.626	-0.0102	-2.5 to 2.5	Pass				

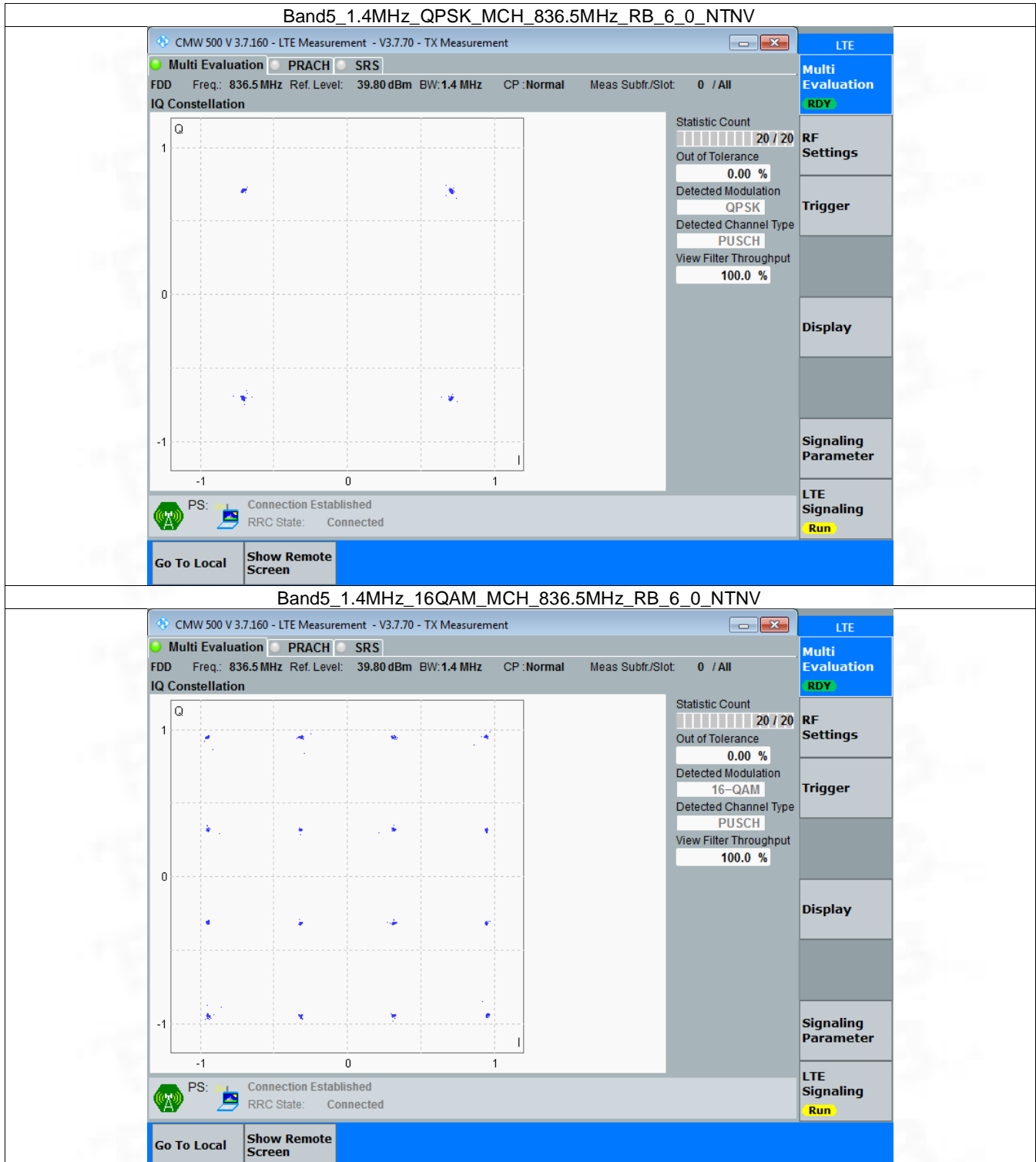
3. Modulation Characteristics

3.1 B5_1.4MHz

3.1.1 Test Result

Band: 5 / Bandwidth: 1.4MHz / NTNV						
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

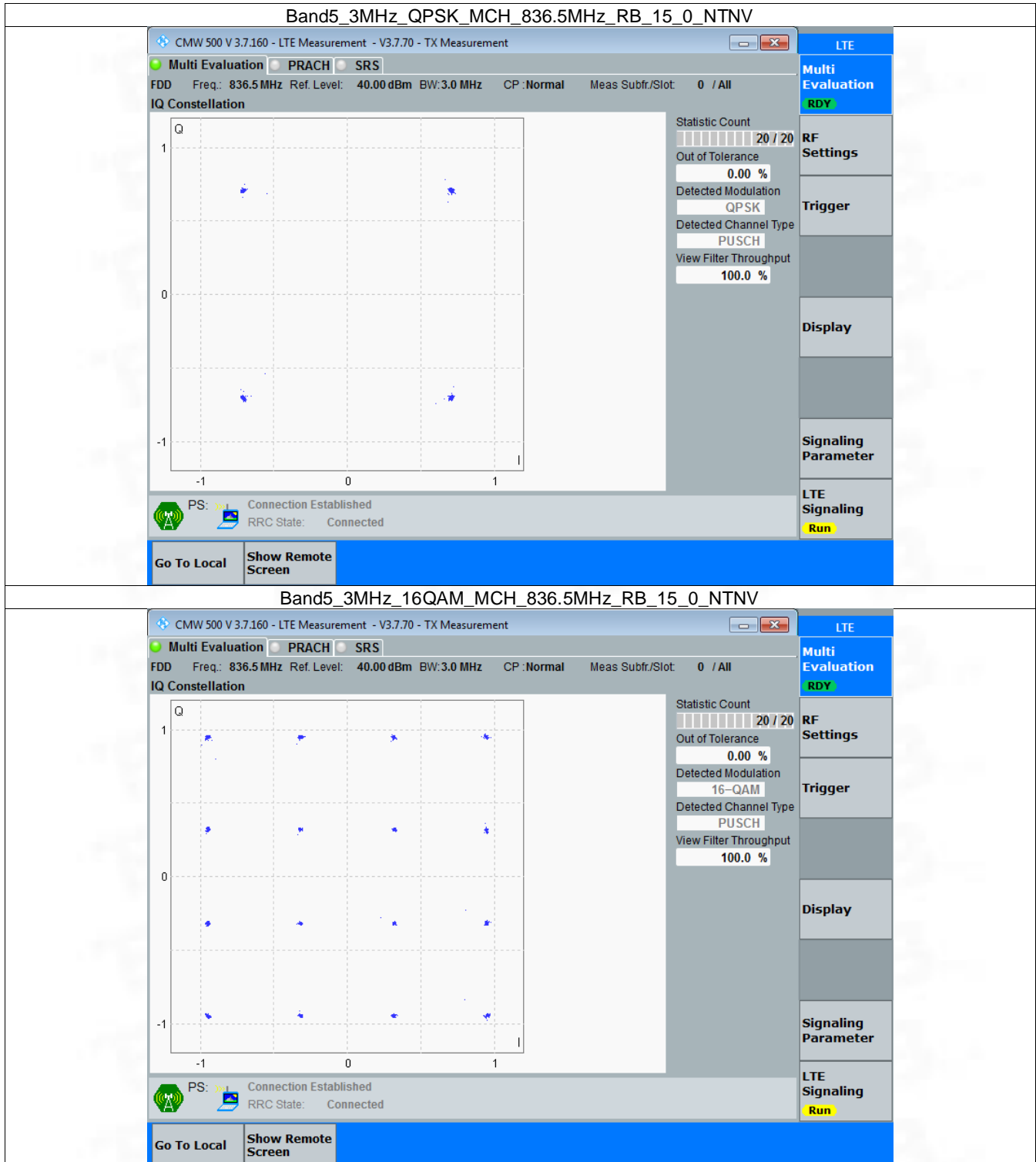


3.2 B5_3MHz

3.2.1 Test Result

Band: 5 / Bandwidth: 3MHz / NTN						
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

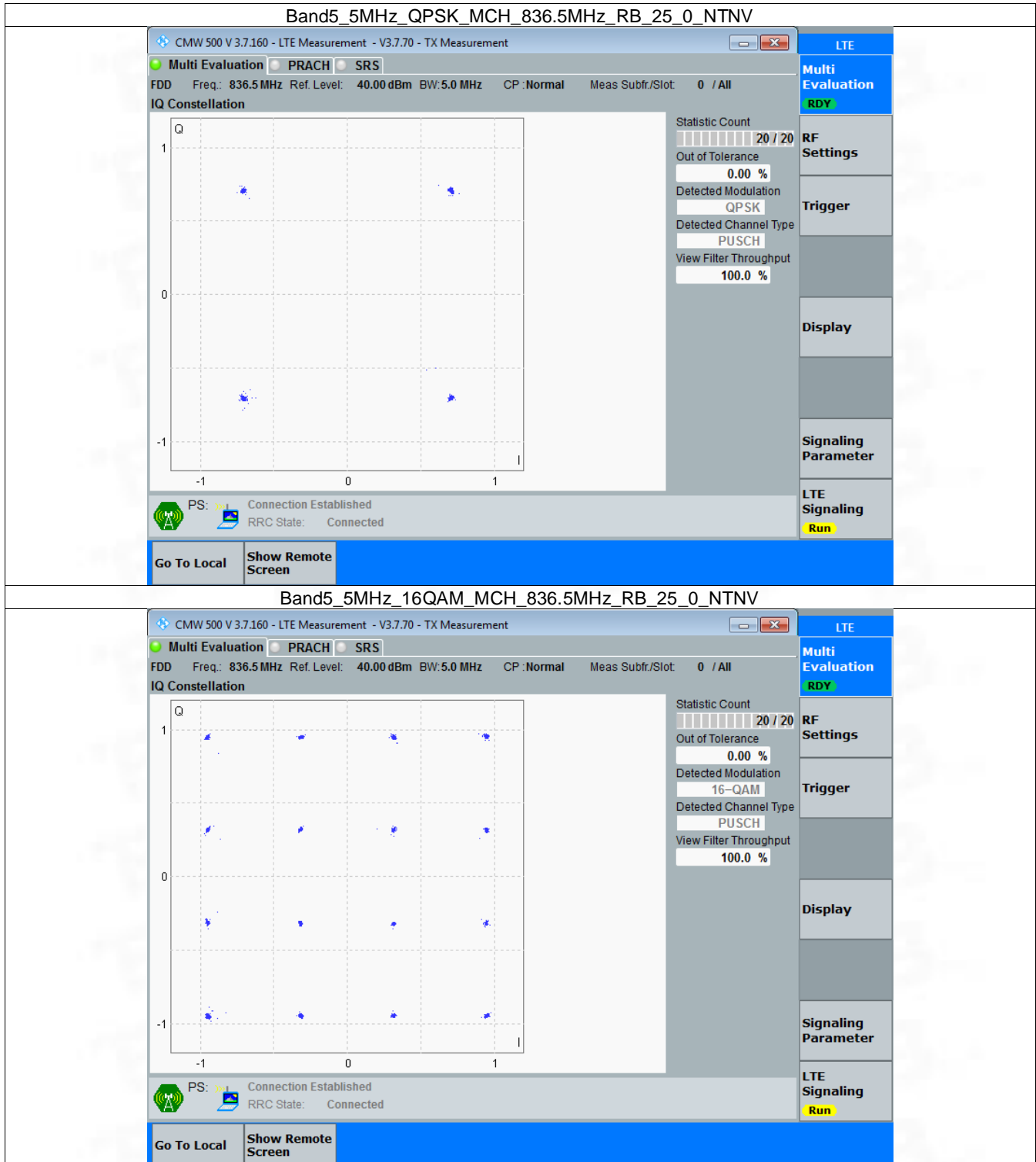


3.3 B5_5MHz

3.3.1 Test Result

Band: 5 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		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

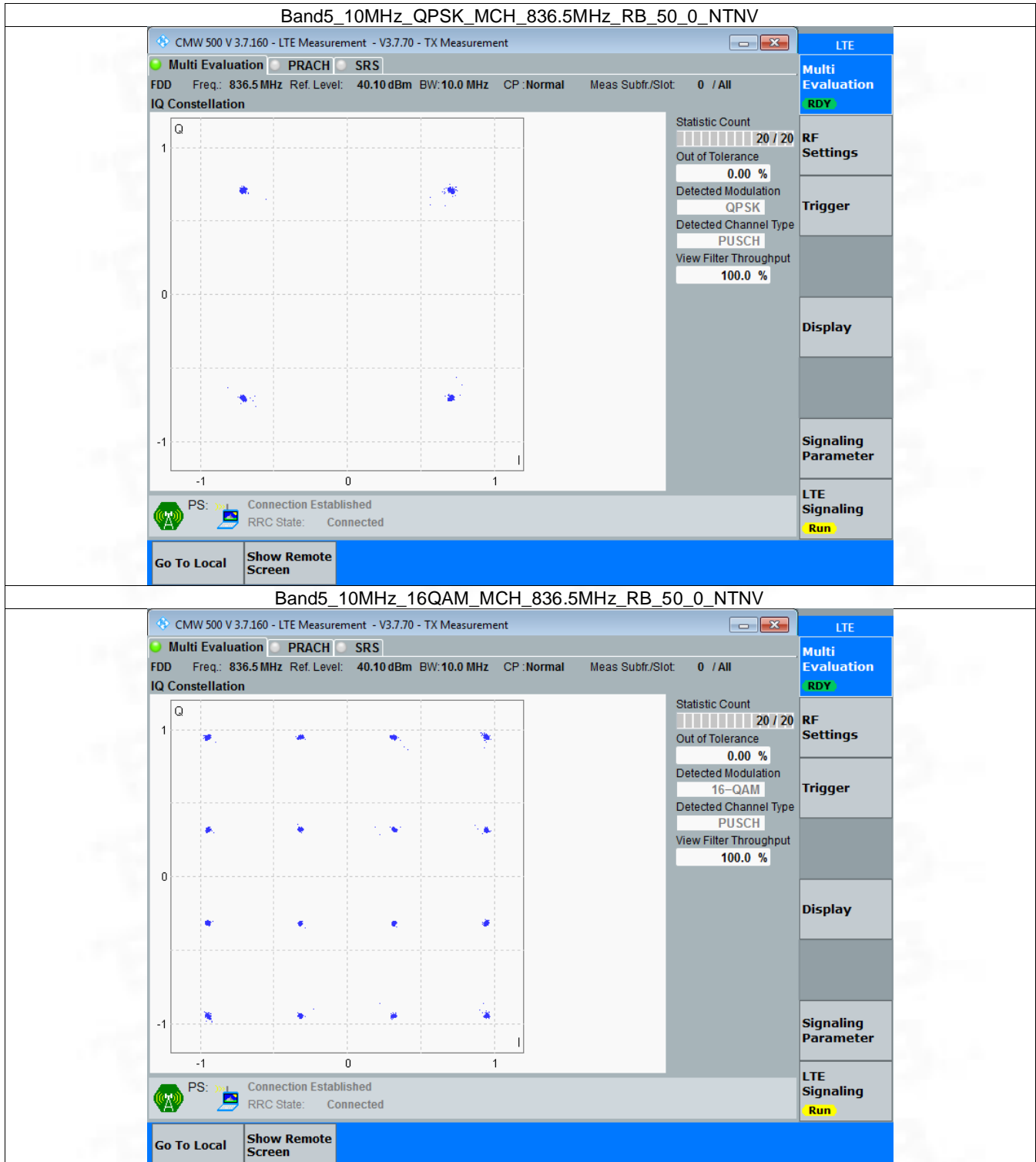


3.4 B5_10MHz

3.4.1 Test Result

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

3.4.2 Test Graph



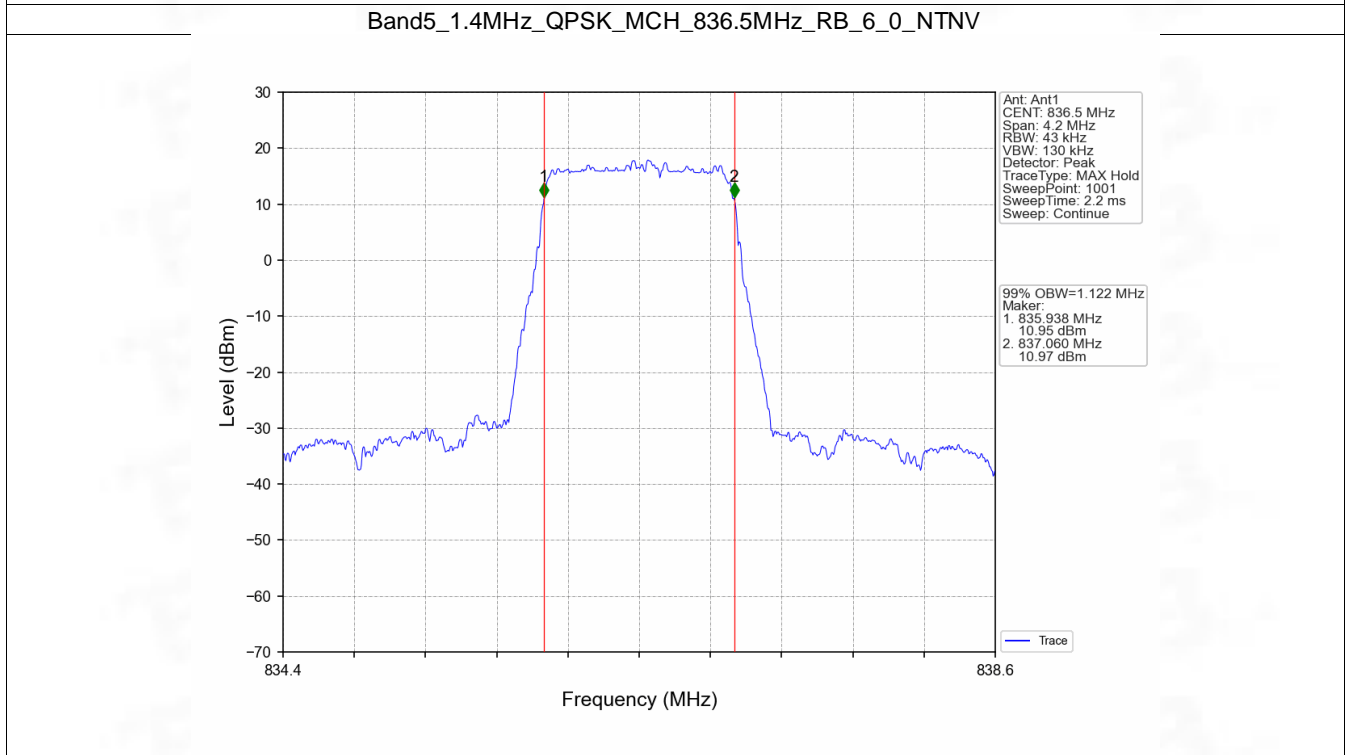
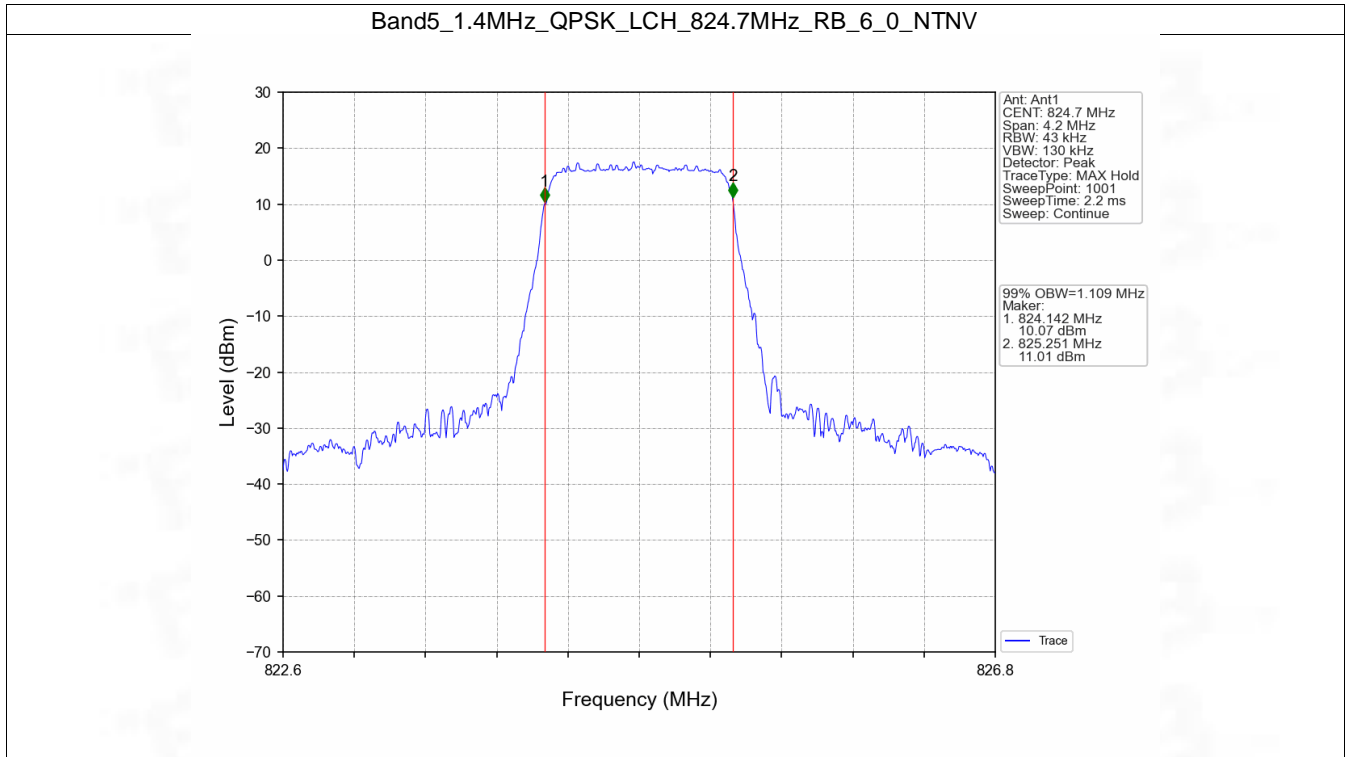
4. 99% & 26dB Bandwidth

4.1 Band5_OBW

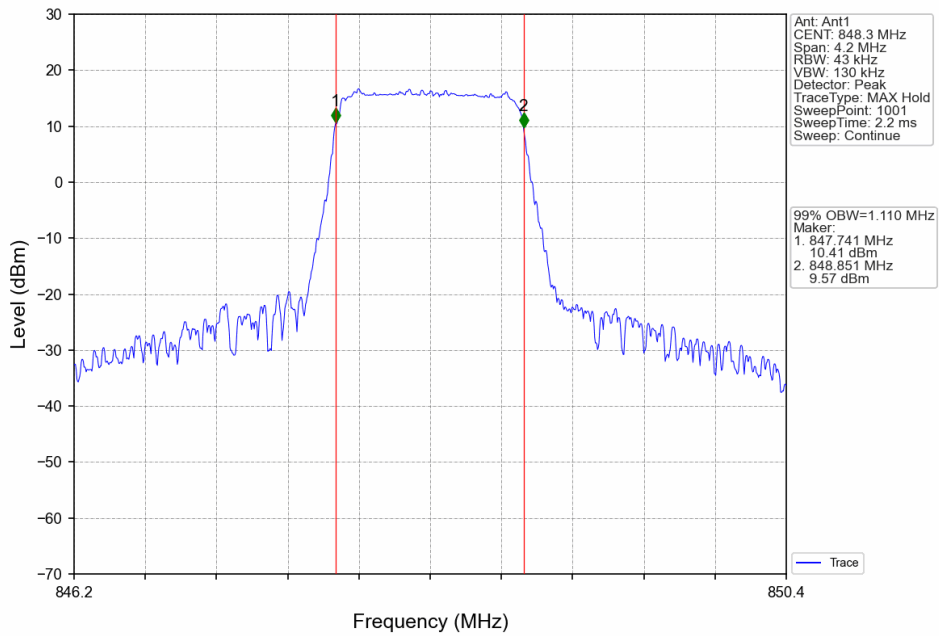
4.1.1 Test Result

Band: 5 / NTNV						
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	1.122	Pass
		848.3	6	0	1.110	Pass
	16QAM	824.7	6	0	1.105	Pass
		836.5	6	0	1.106	Pass
		848.3	6	0	1.116	Pass
3	QPSK	825.5	15	0	2.718	Pass
		836.5	15	0	2.721	Pass
		847.5	15	0	2.732	Pass
	16QAM	825.5	15	0	2.723	Pass
		836.5	15	0	2.722	Pass
		847.5	15	0	2.709	Pass
5	QPSK	826.5	25	0	4.542	Pass
		836.5	25	0	4.533	Pass
		846.5	25	0	4.535	Pass
	16QAM	826.5	25	0	4.523	Pass
		836.5	25	0	4.538	Pass
		846.5	25	0	4.525	Pass
10	QPSK	829	50	0	9.057	Pass
		836.5	50	0	9.038	Pass
		844	50	0	9.018	Pass
	16QAM	829	50	0	9.012	Pass
		836.5	50	0	9.037	Pass
		844	50	0	9.026	Pass

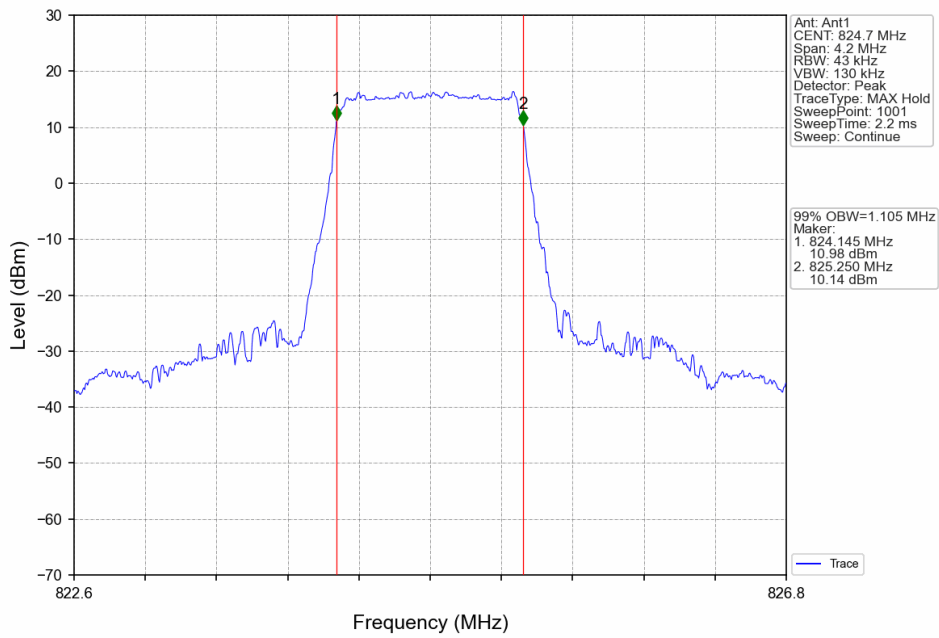
4.1.2 Test Graph



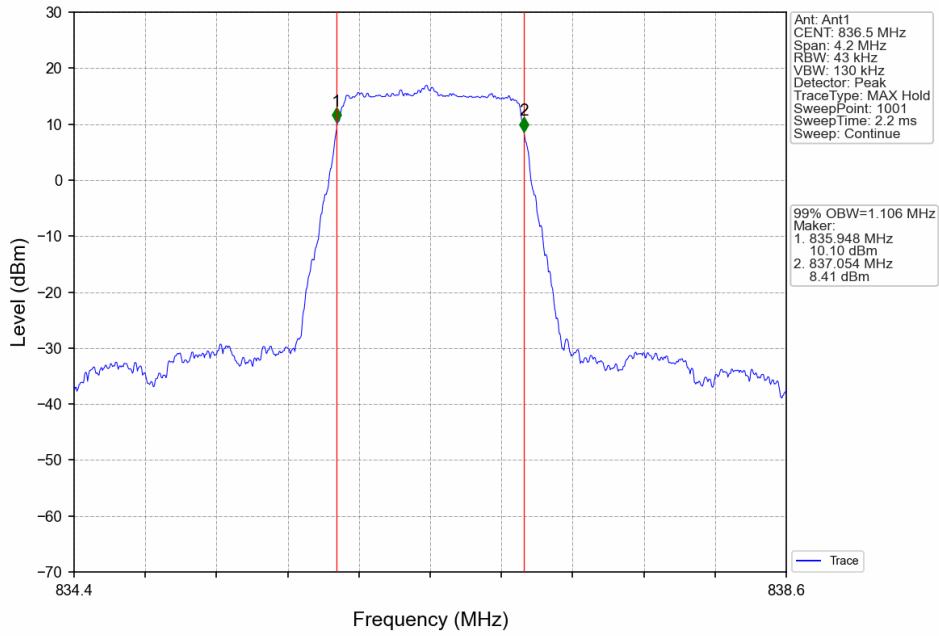
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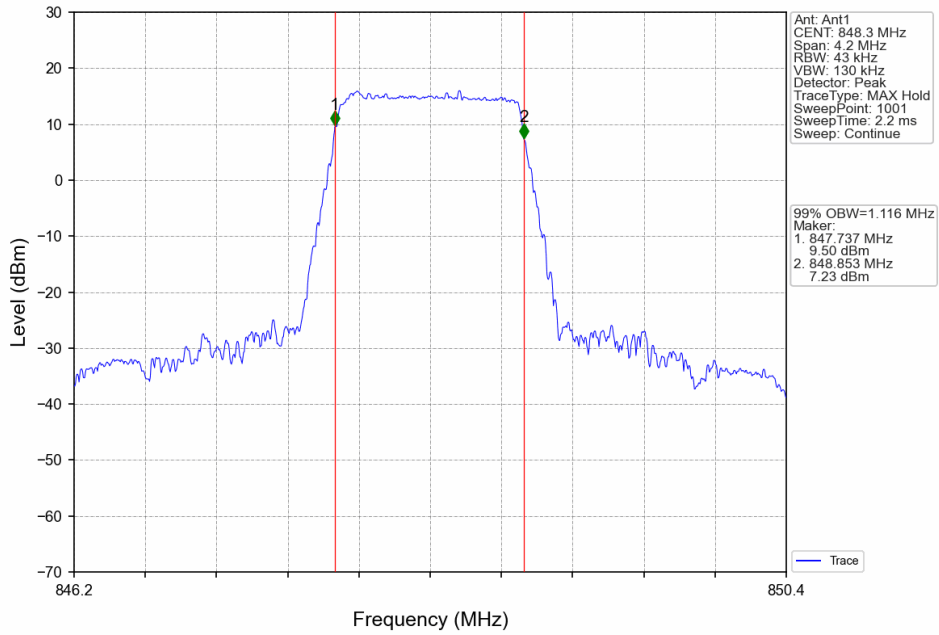
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



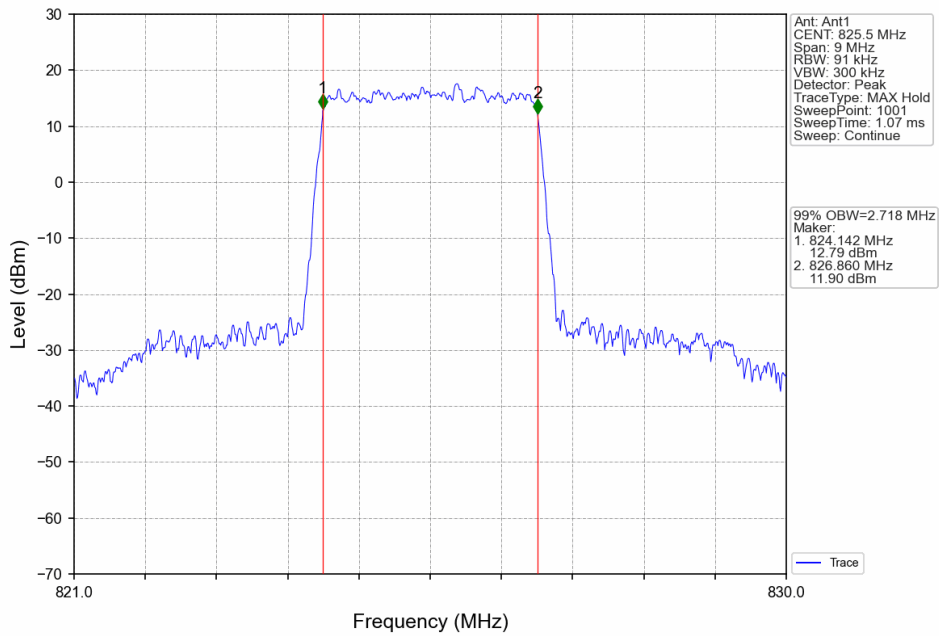
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



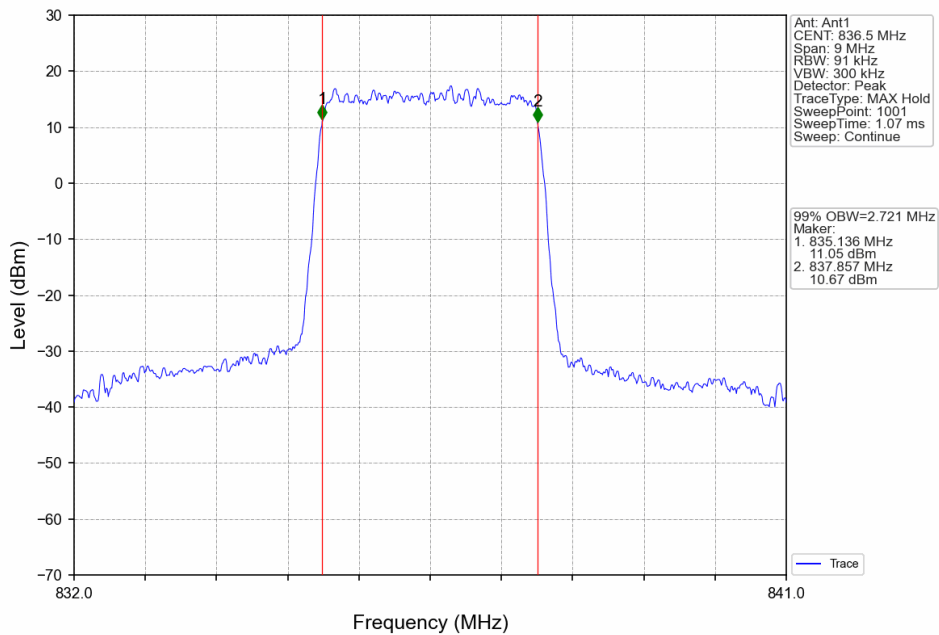
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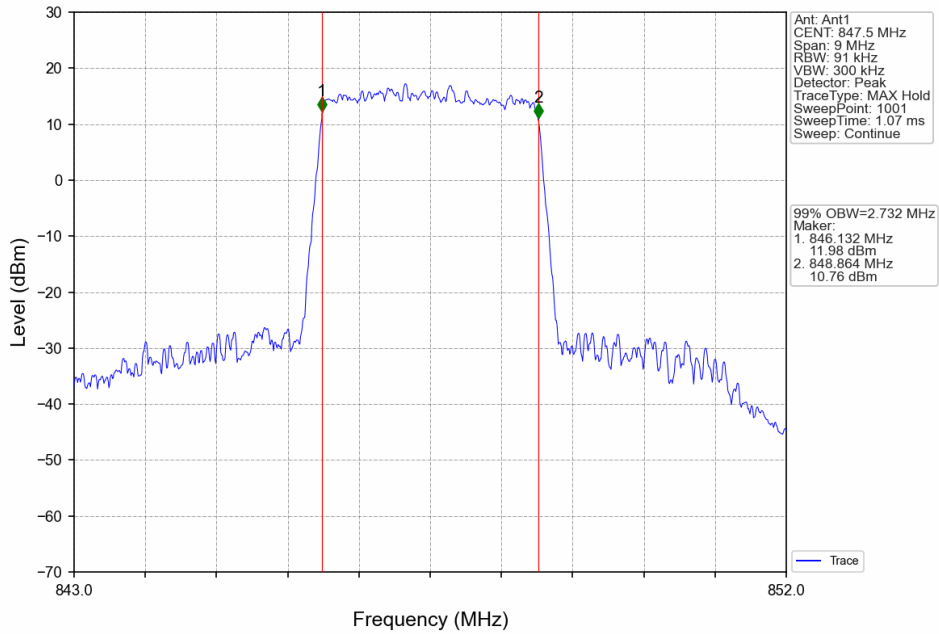
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



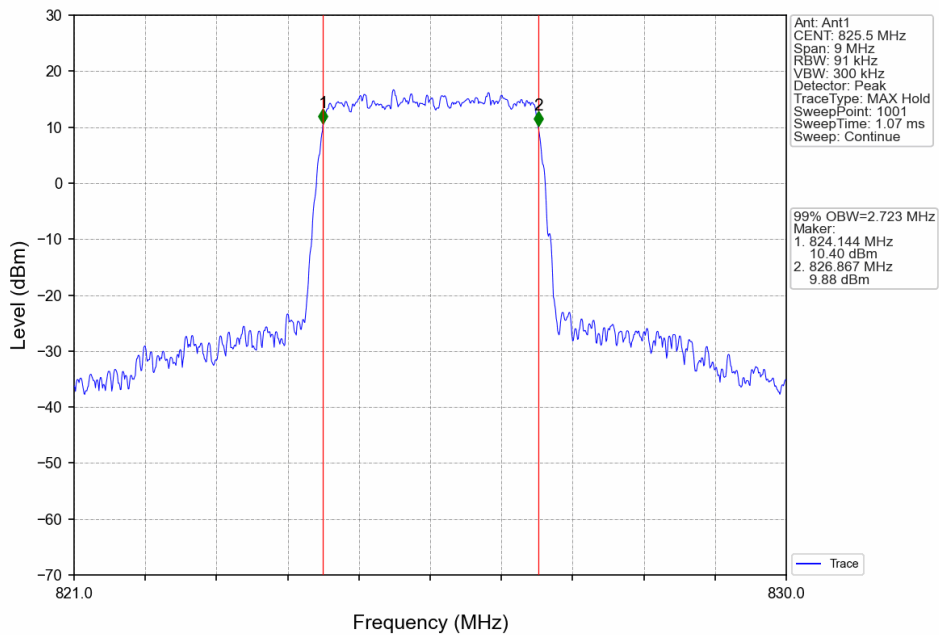
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



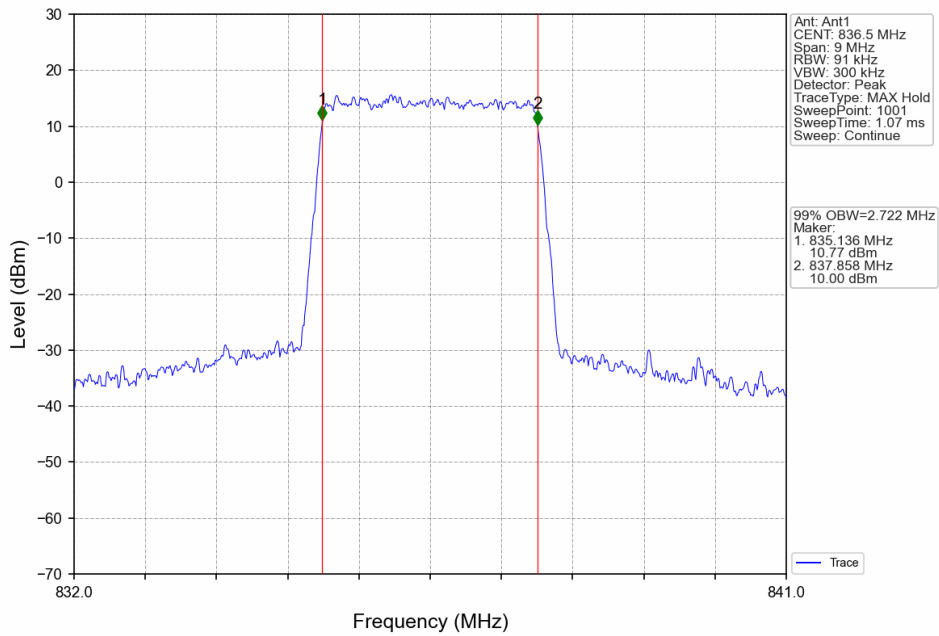
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



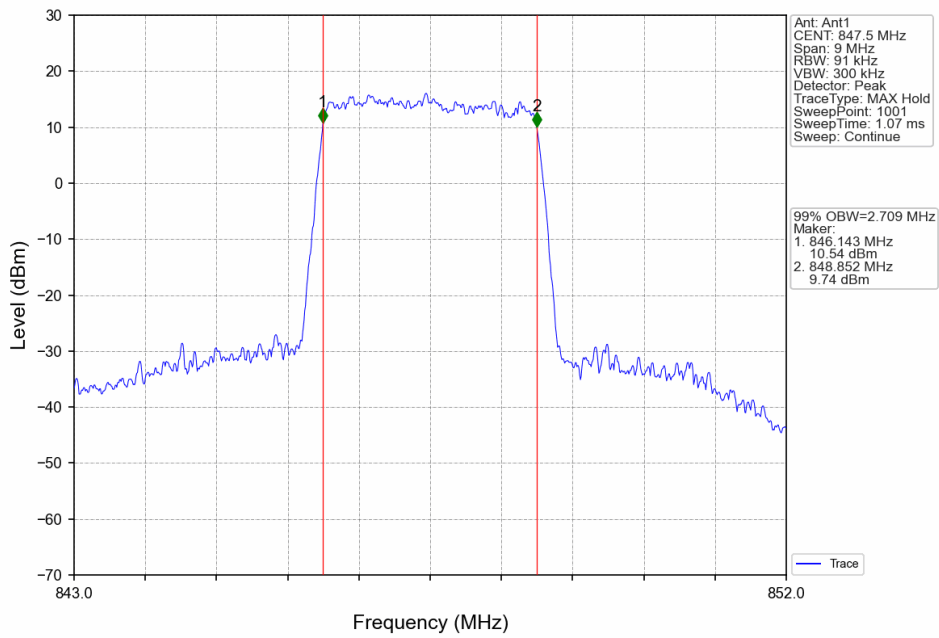
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



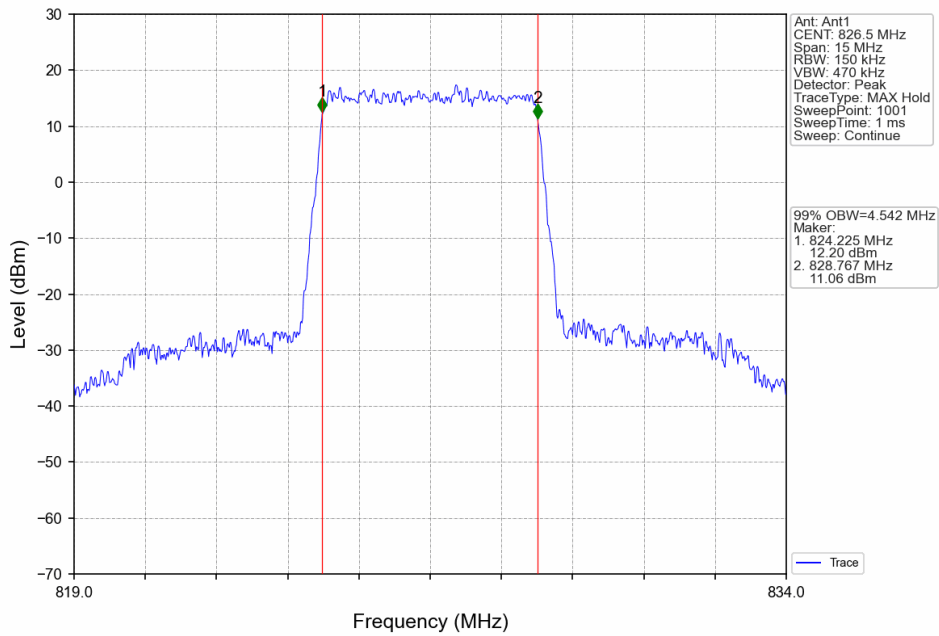
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



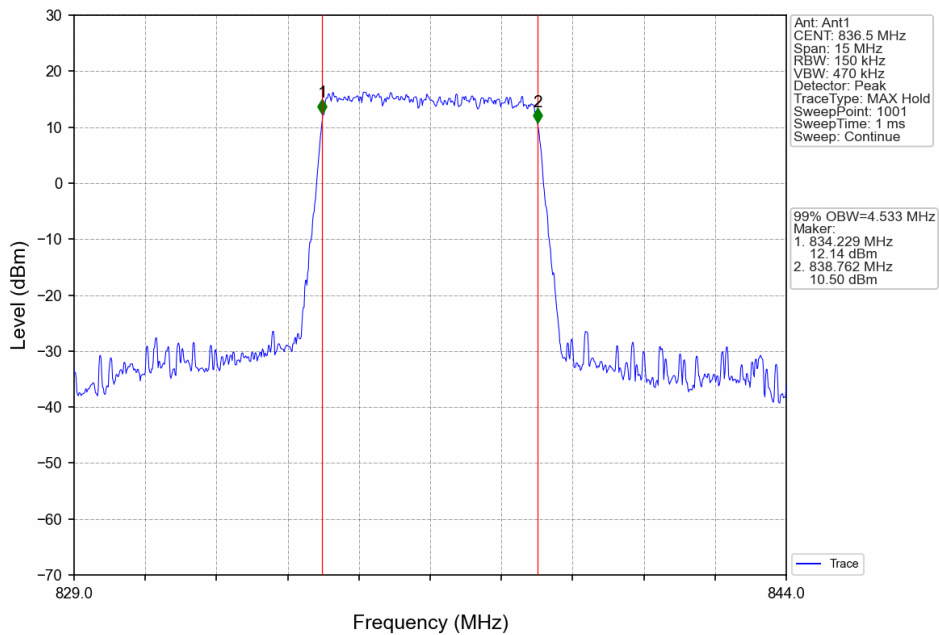
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



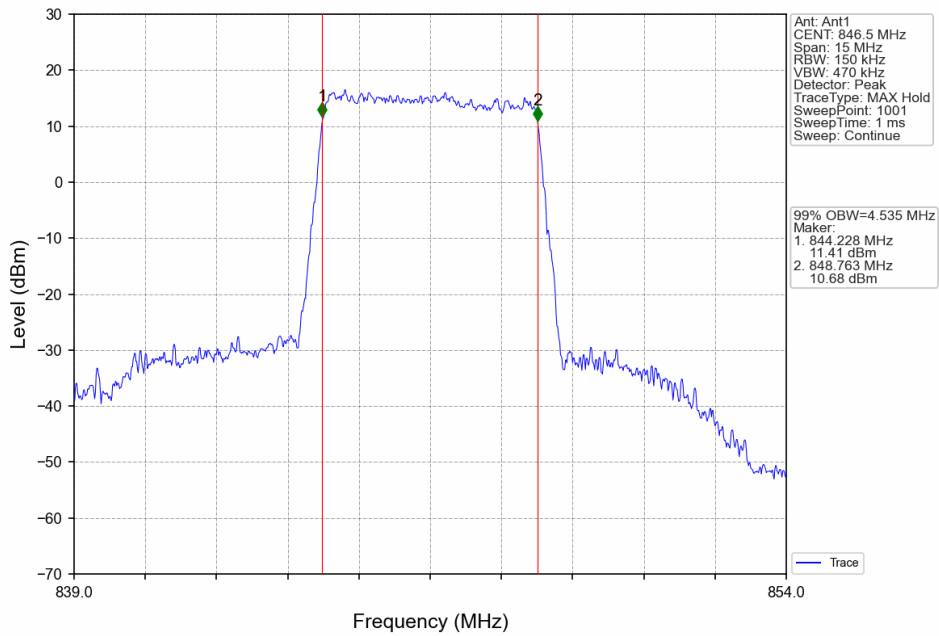
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



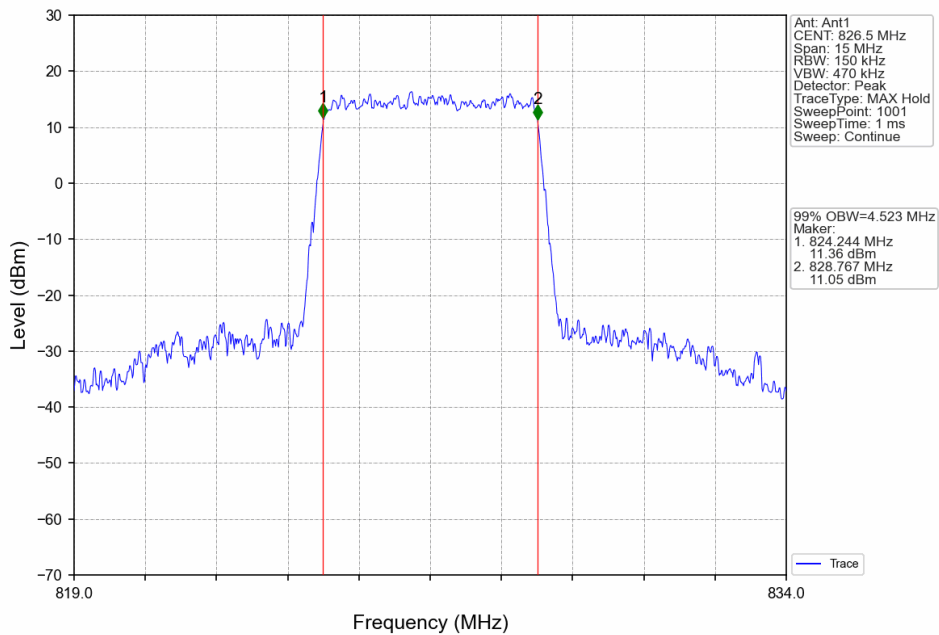
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



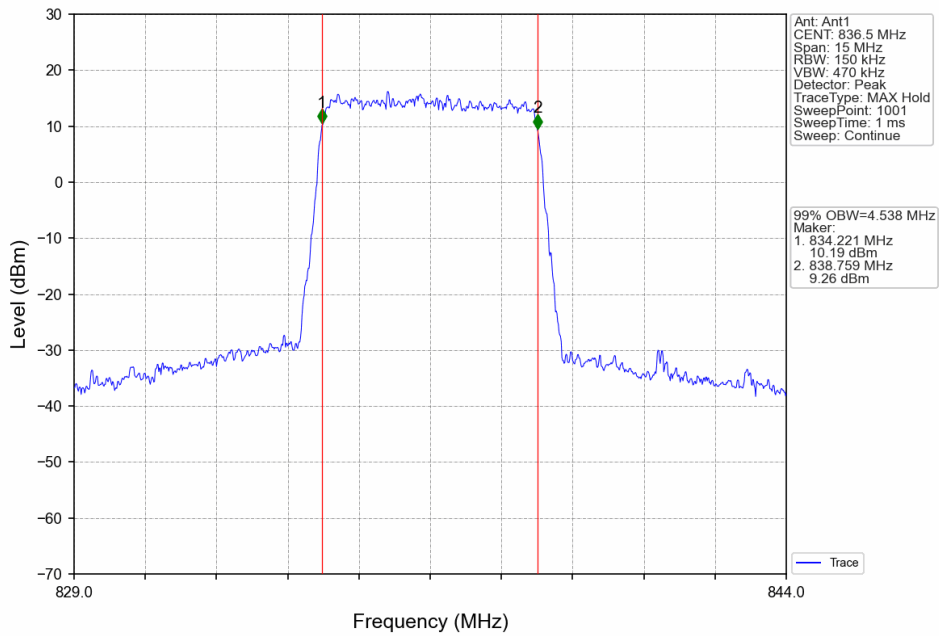
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



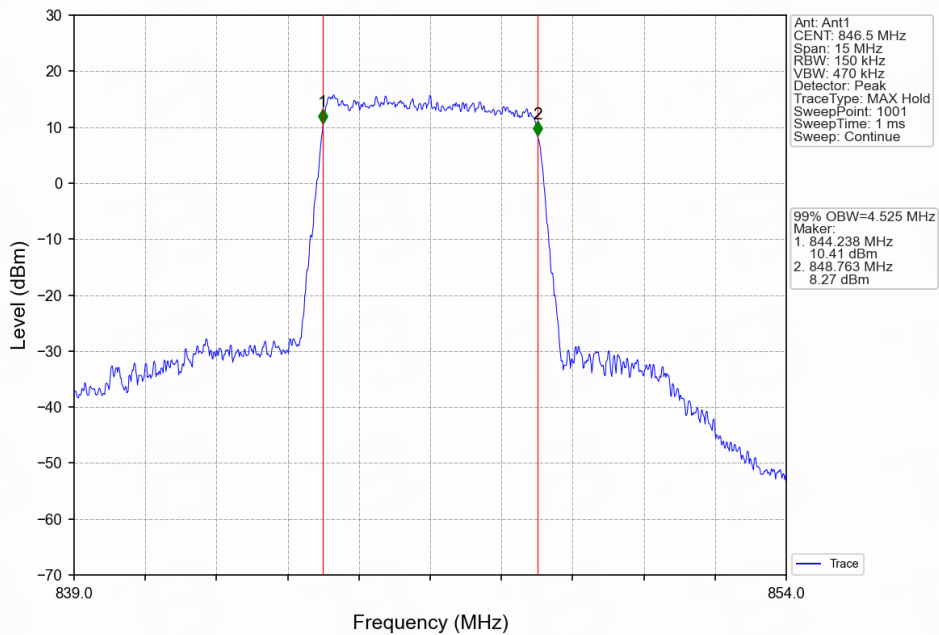
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



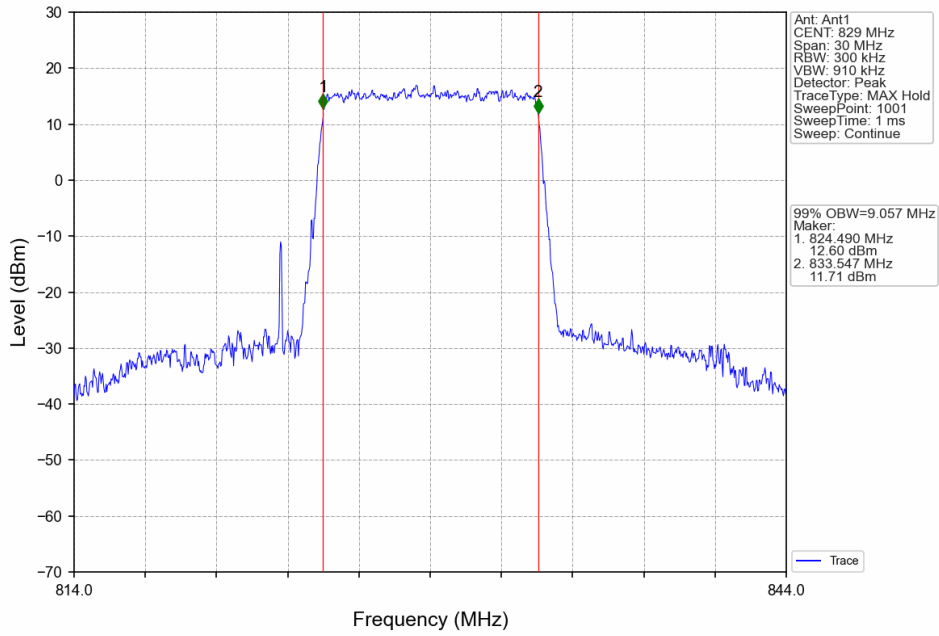
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



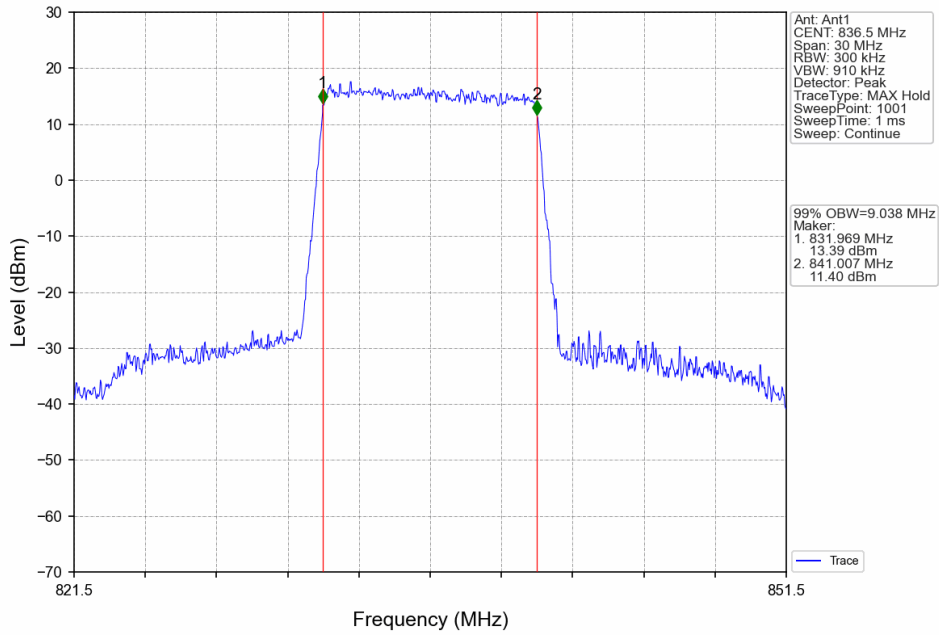
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



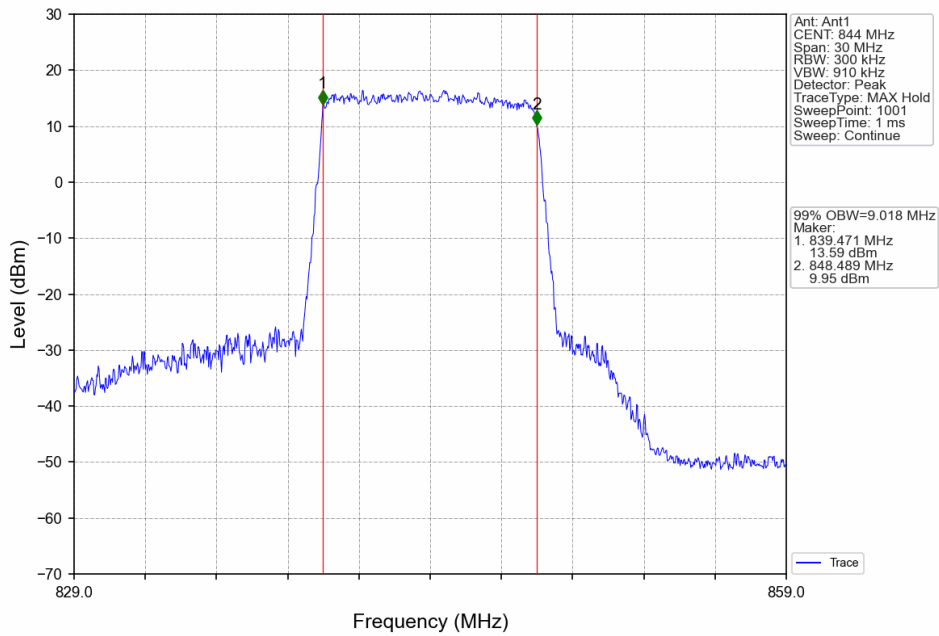
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



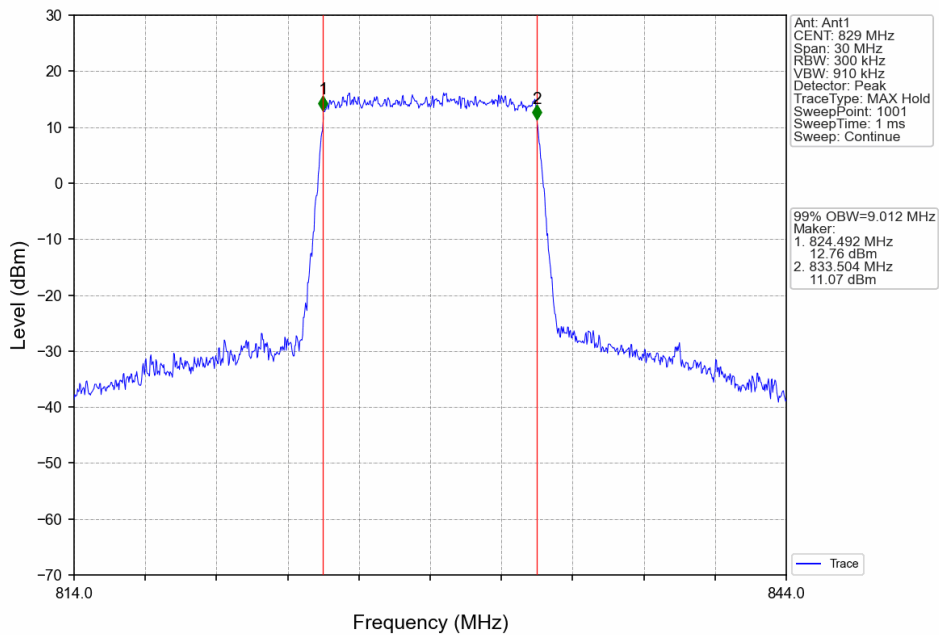
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV

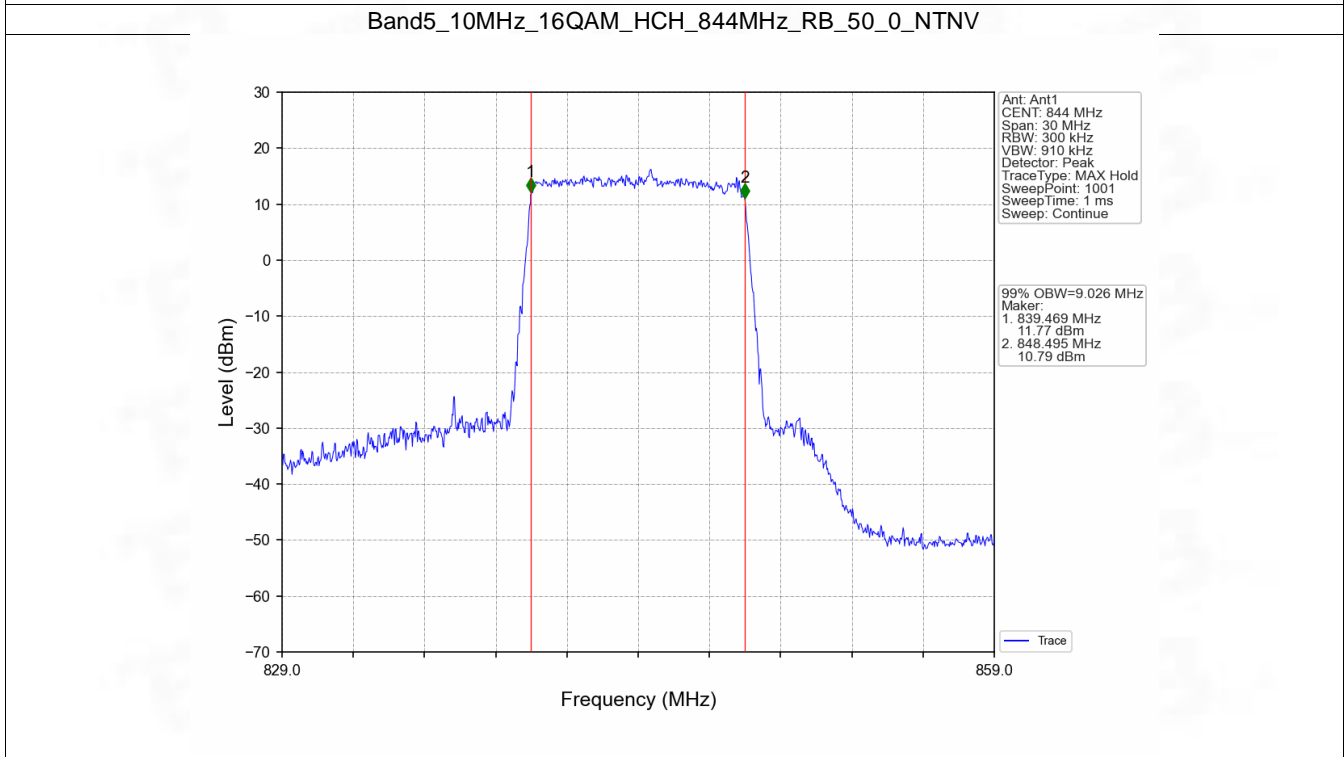
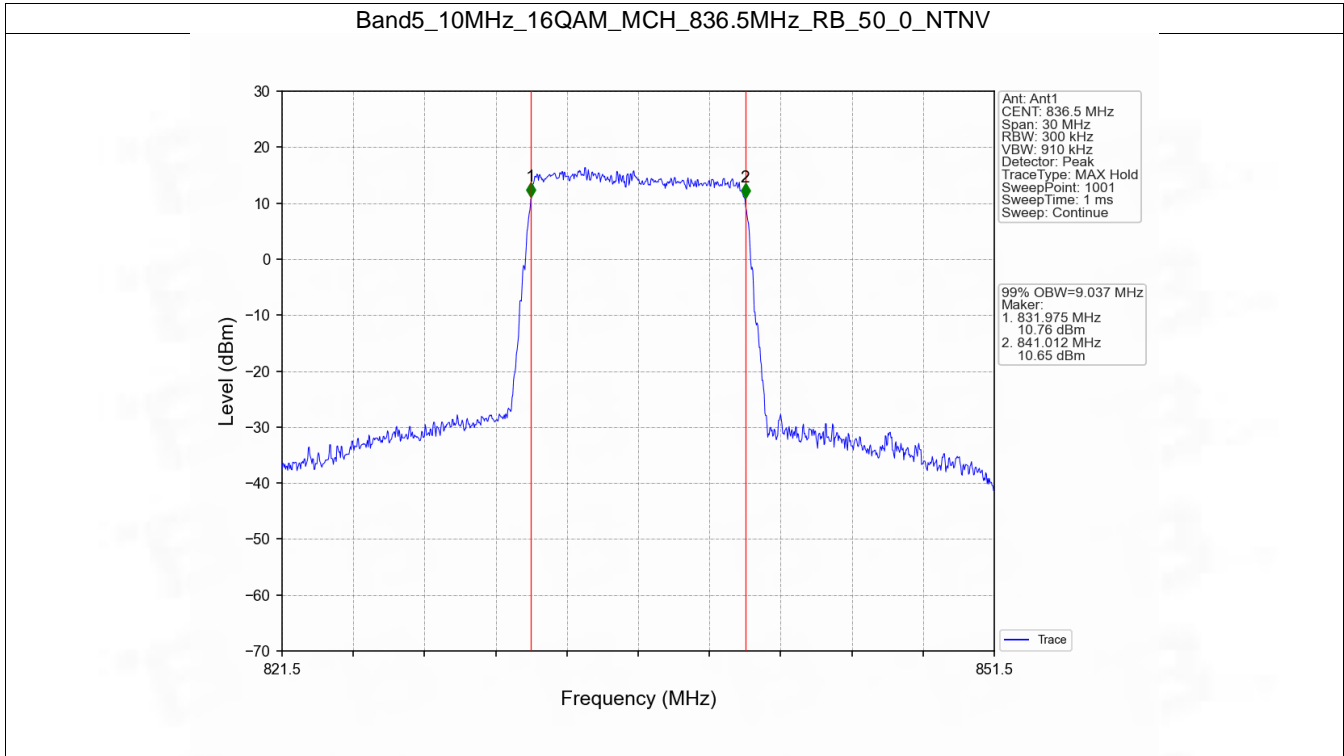


Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



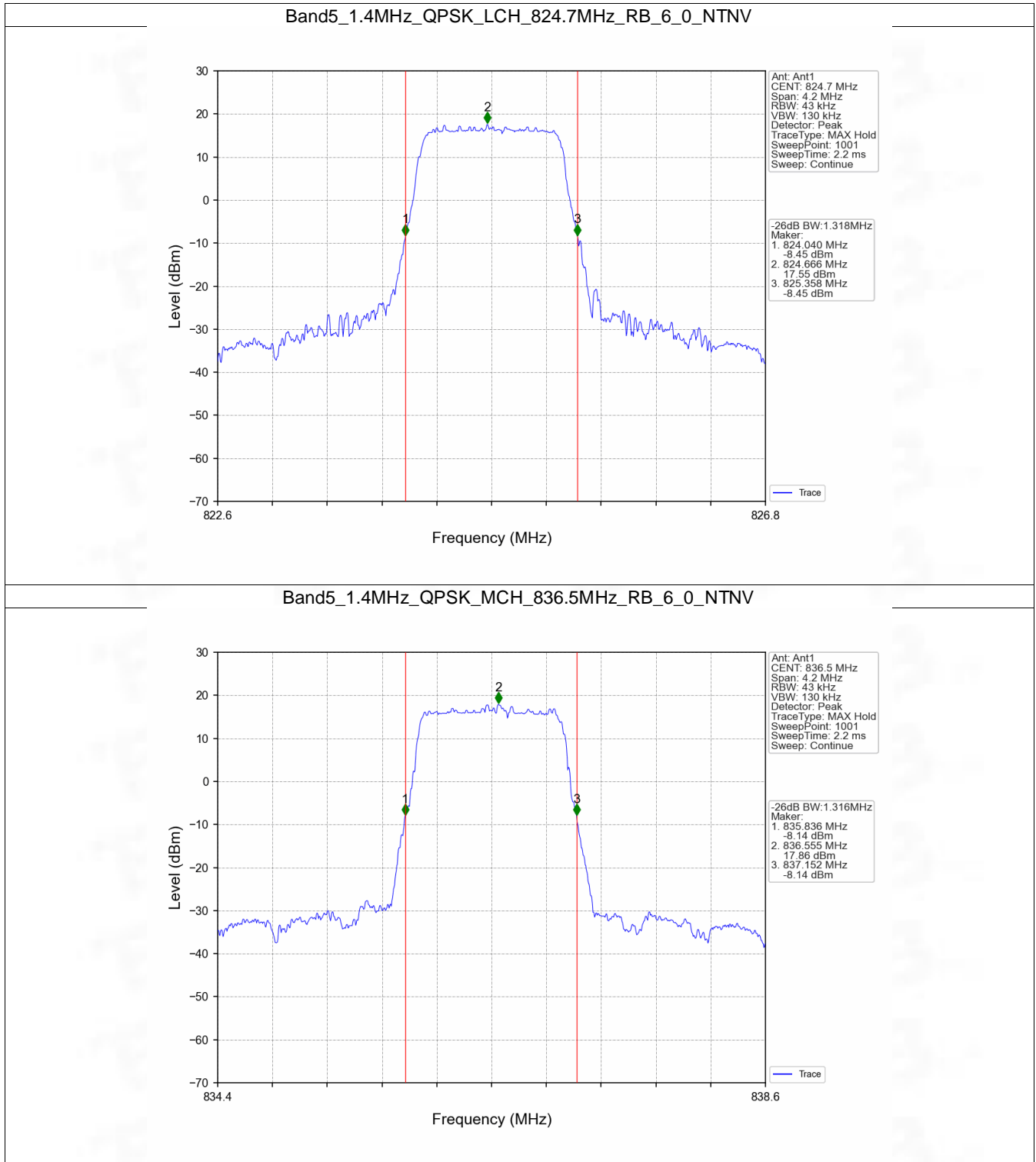


4.2 Band5_XDB

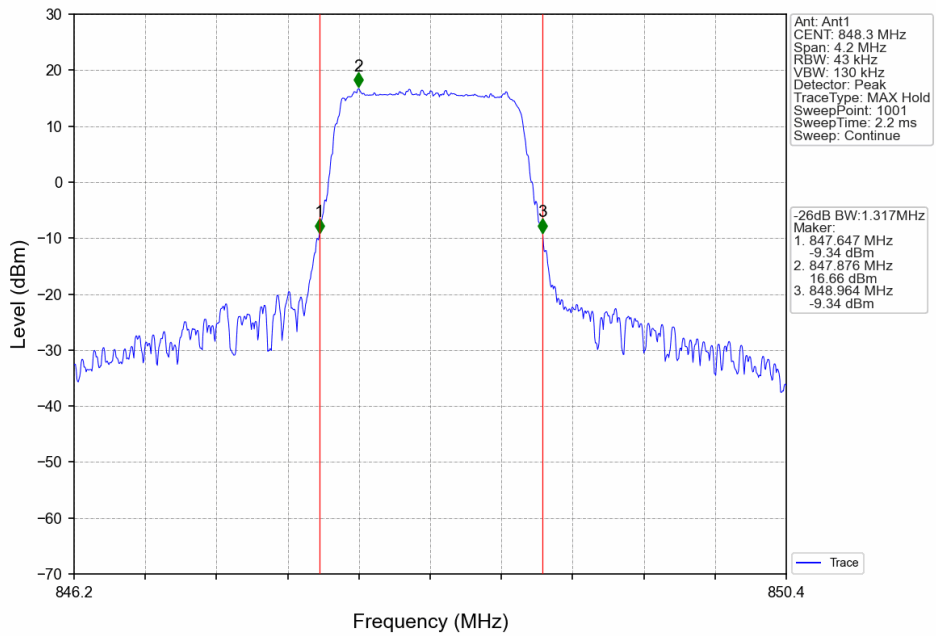
4.2.1 Test Result

Band: 5 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	824.7	6	0	1.318	Pass
		836.5	6	0	1.316	Pass
		848.3	6	0	1.317	Pass
	16QAM	824.7	6	0	1.291	Pass
		836.5	6	0	1.315	Pass
		848.3	6	0	1.348	Pass
3	QPSK	825.5	15	0	2.980	Pass
		836.5	15	0	2.972	Pass
		847.5	15	0	2.994	Pass
	16QAM	825.5	15	0	3.009	Pass
		836.5	15	0	3.008	Pass
		847.5	15	0	2.994	Pass
5	QPSK	826.5	25	0	5.029	Pass
		836.5	25	0	5.003	Pass
		846.5	25	0	5.026	Pass
	16QAM	826.5	25	0	5.014	Pass
		836.5	25	0	5.004	Pass
		846.5	25	0	5.032	Pass
10	QPSK	829	50	0	10.015	Pass
		836.5	50	0	9.902	Pass
		844	50	0	9.930	Pass
	16QAM	829	50	0	9.901	Pass
		836.5	50	0	9.927	Pass
		844	50	0	9.904	Pass

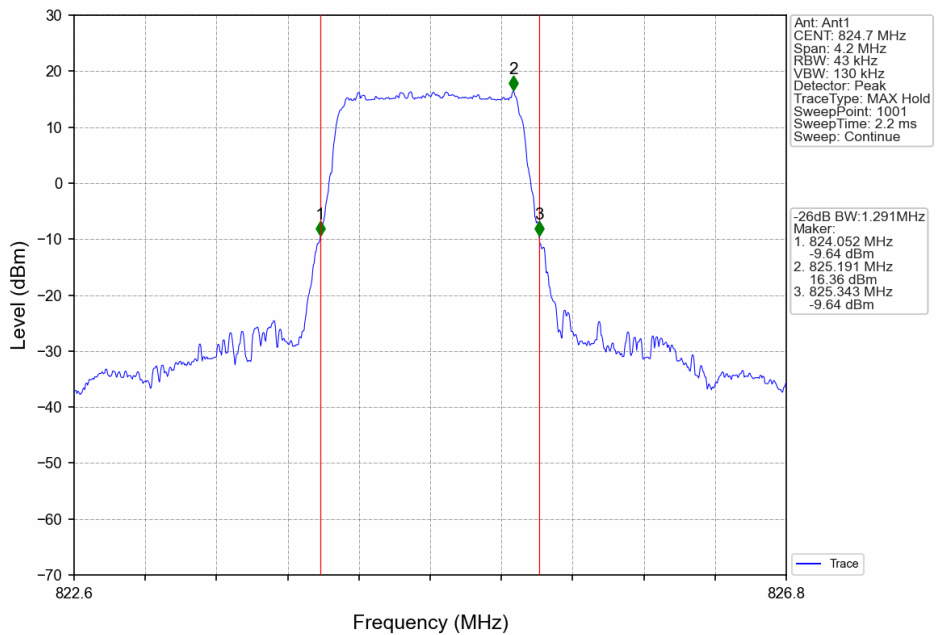
4.2.2 Test Graph



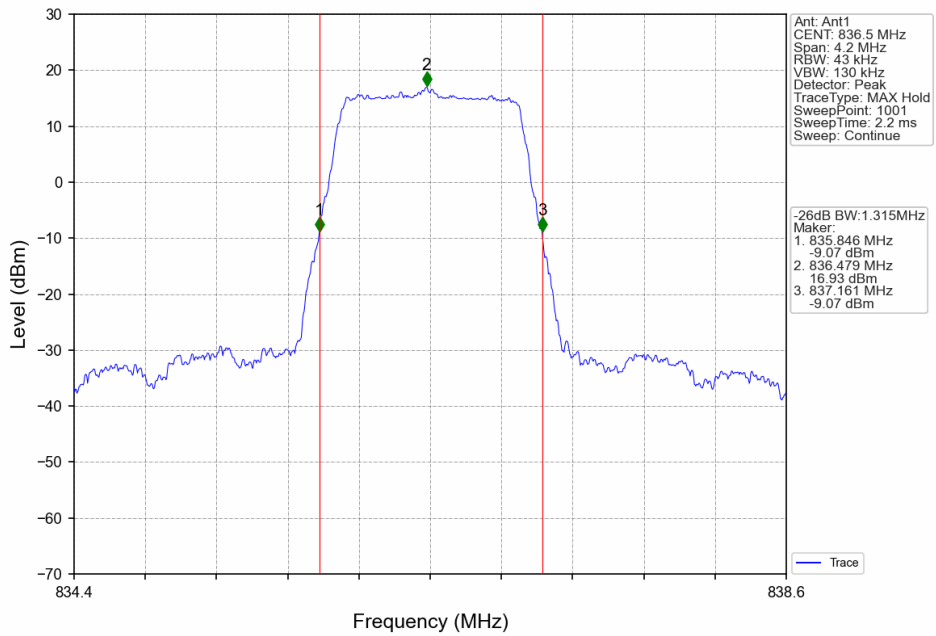
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



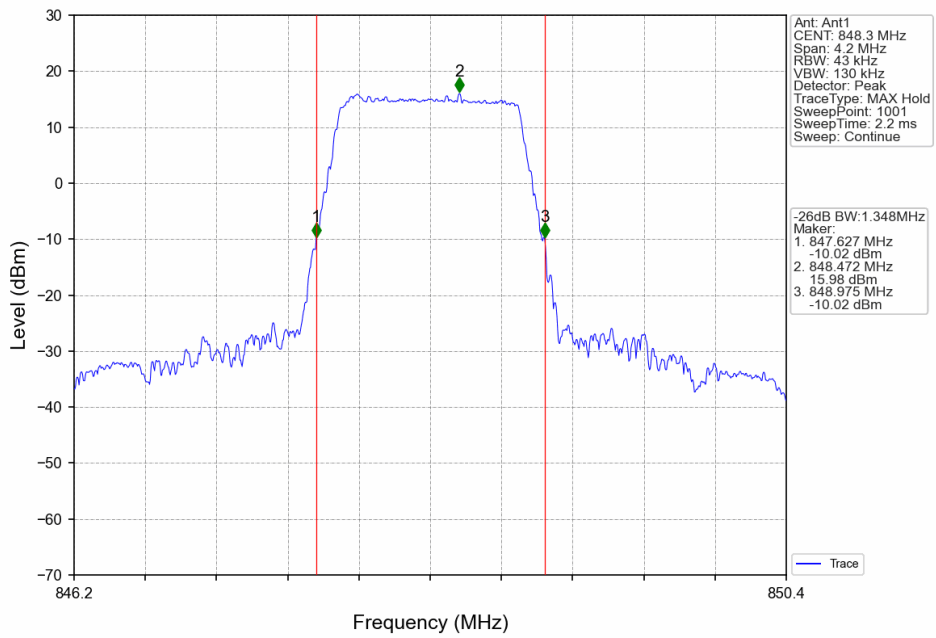
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



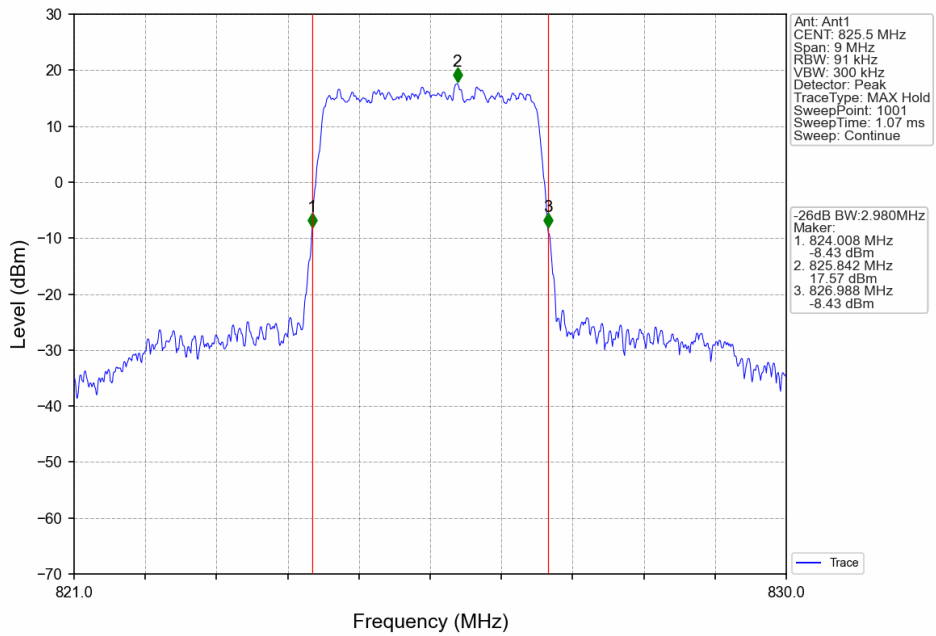
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



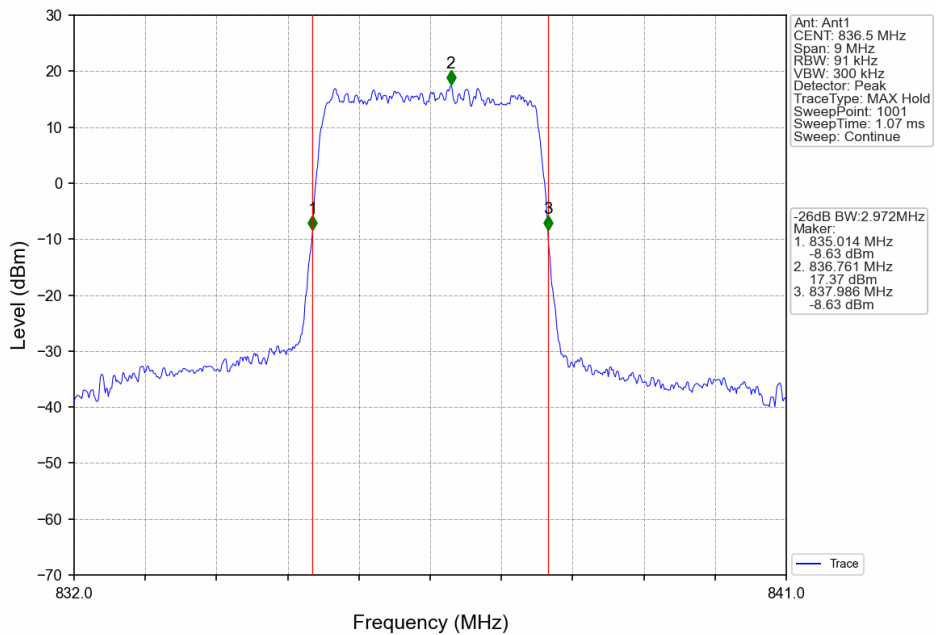
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



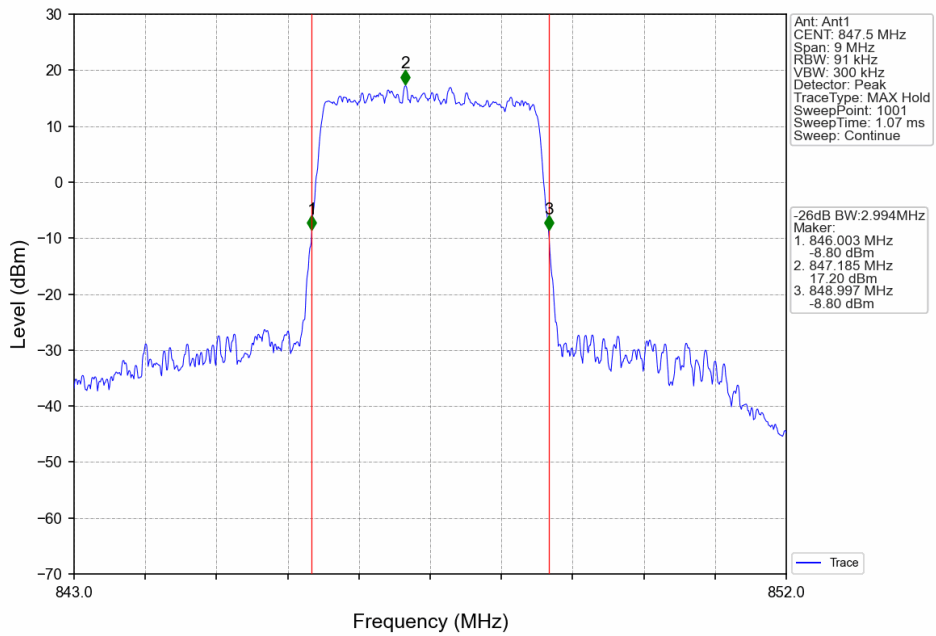
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



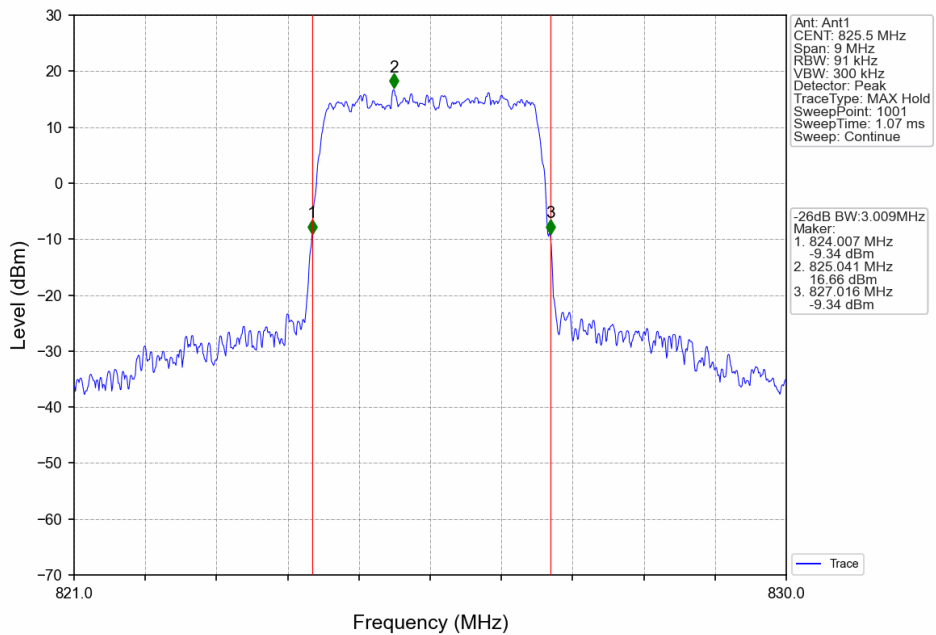
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



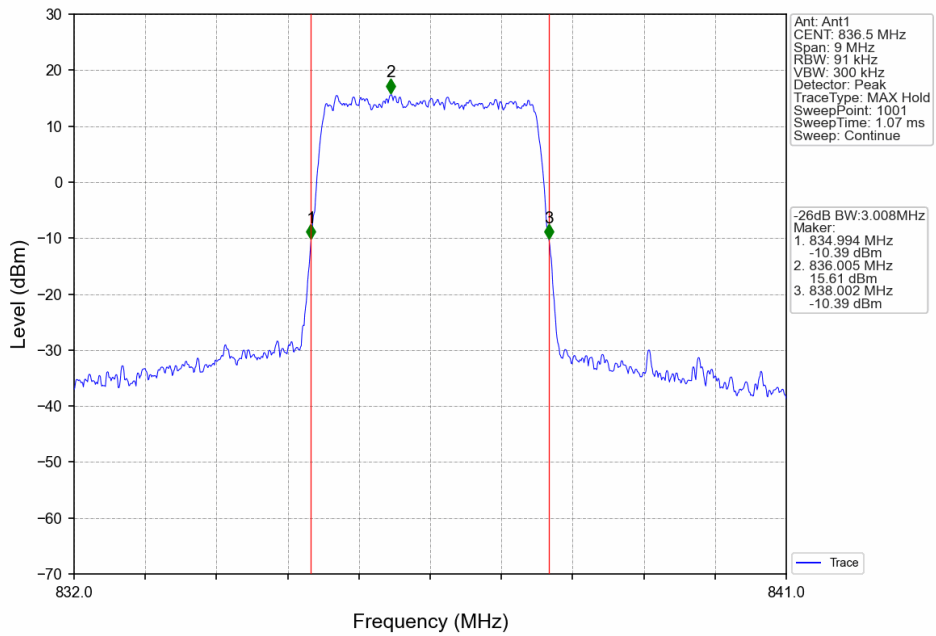
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



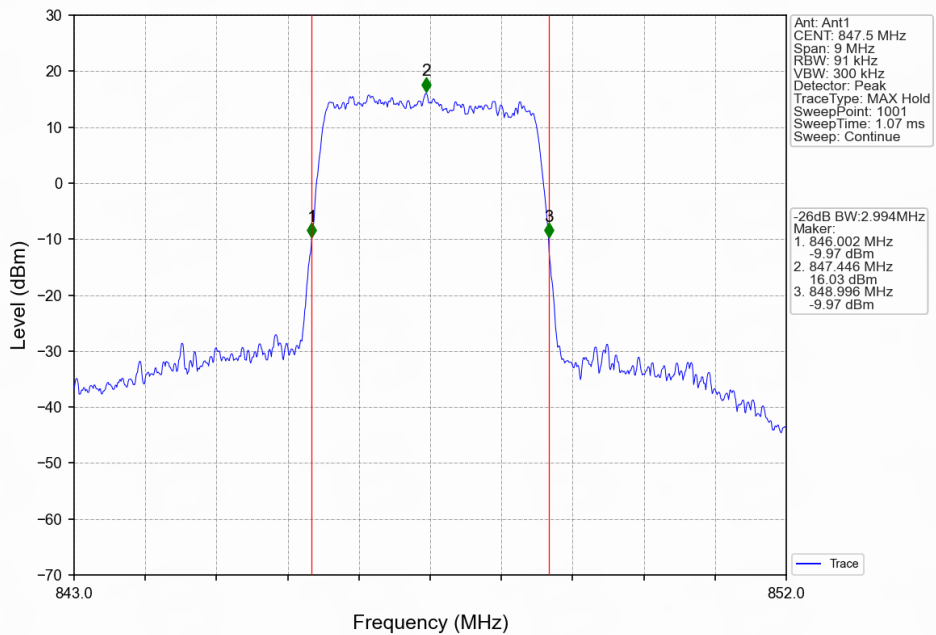
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



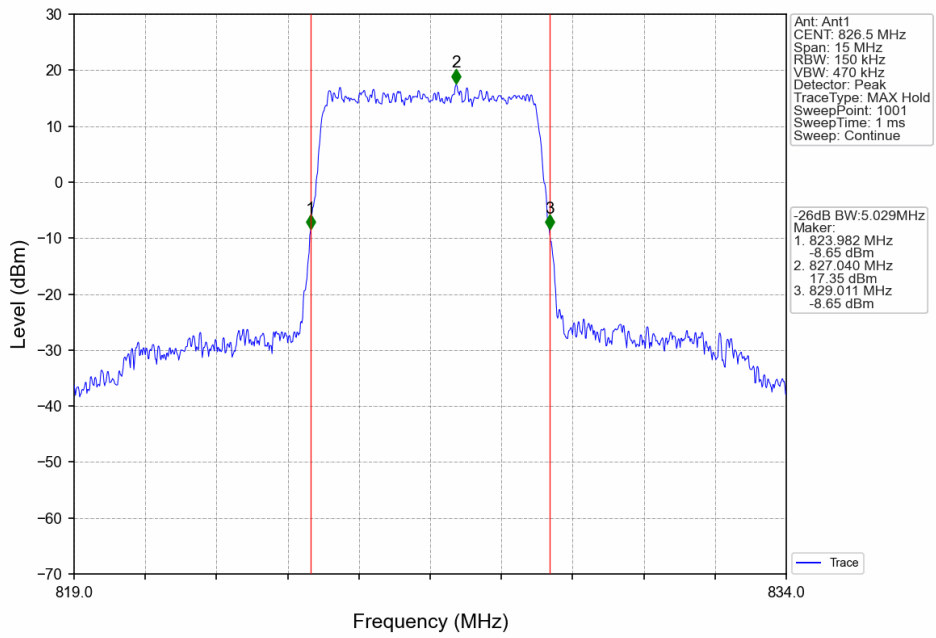
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



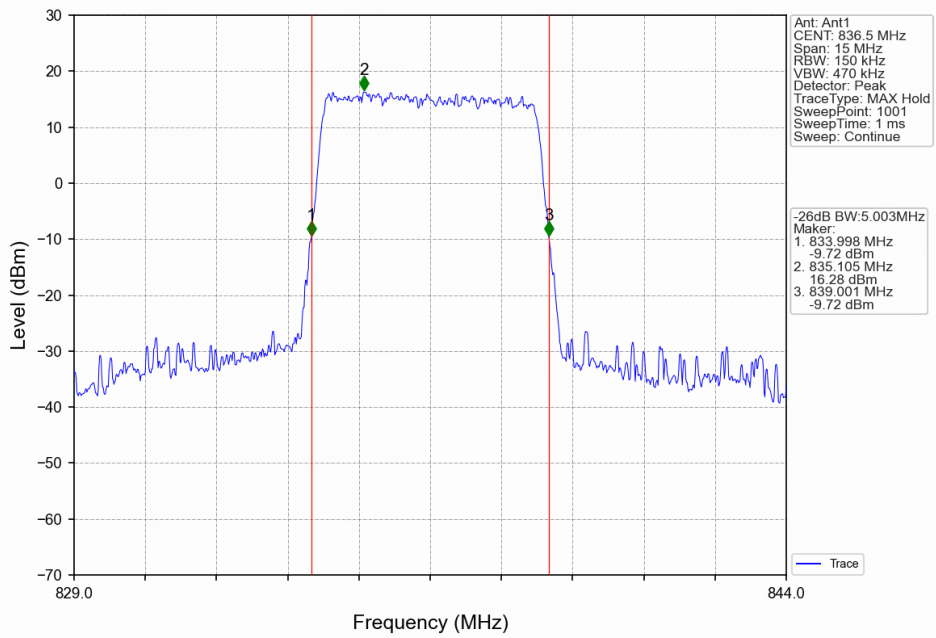
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



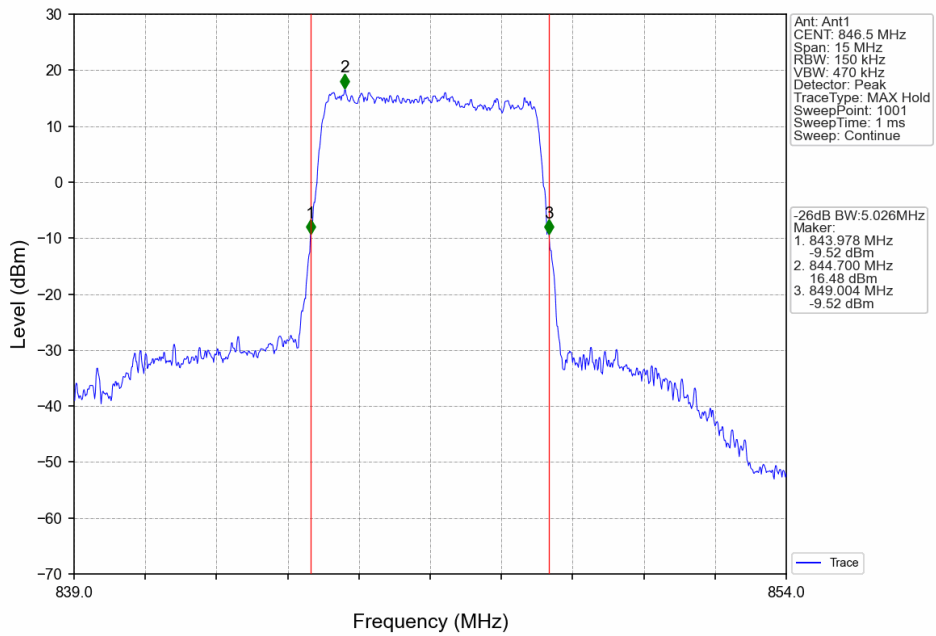
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



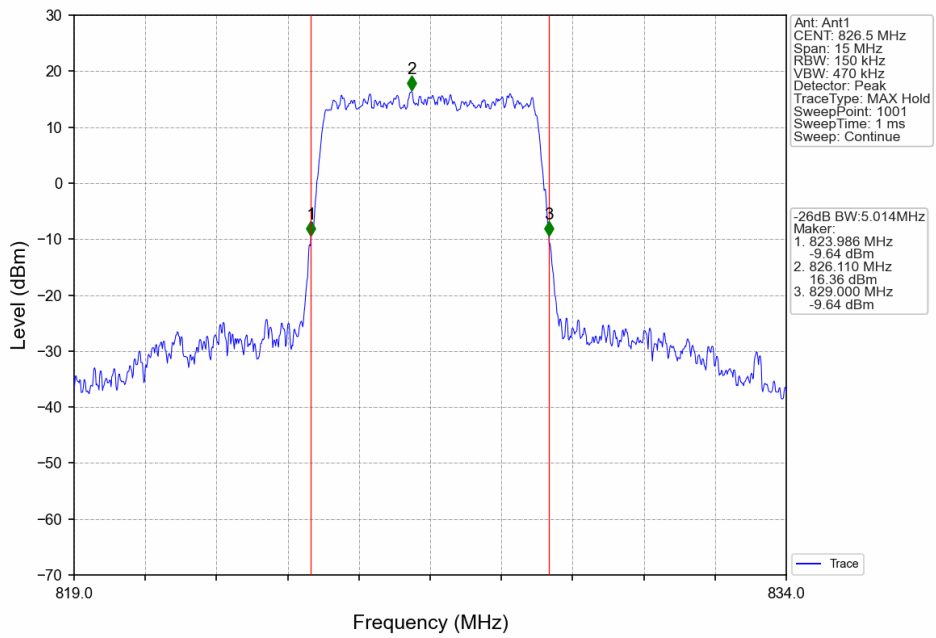
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



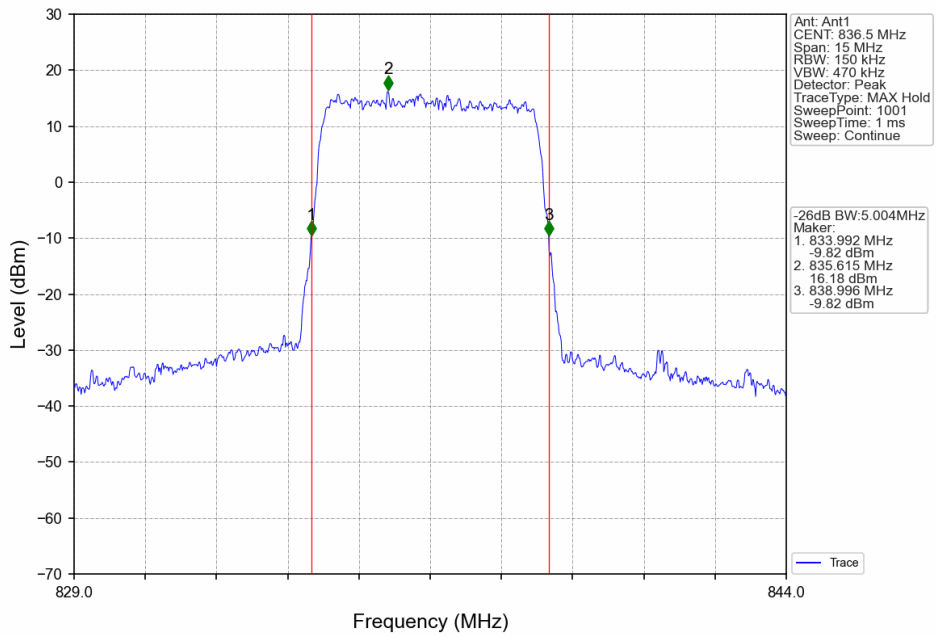
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



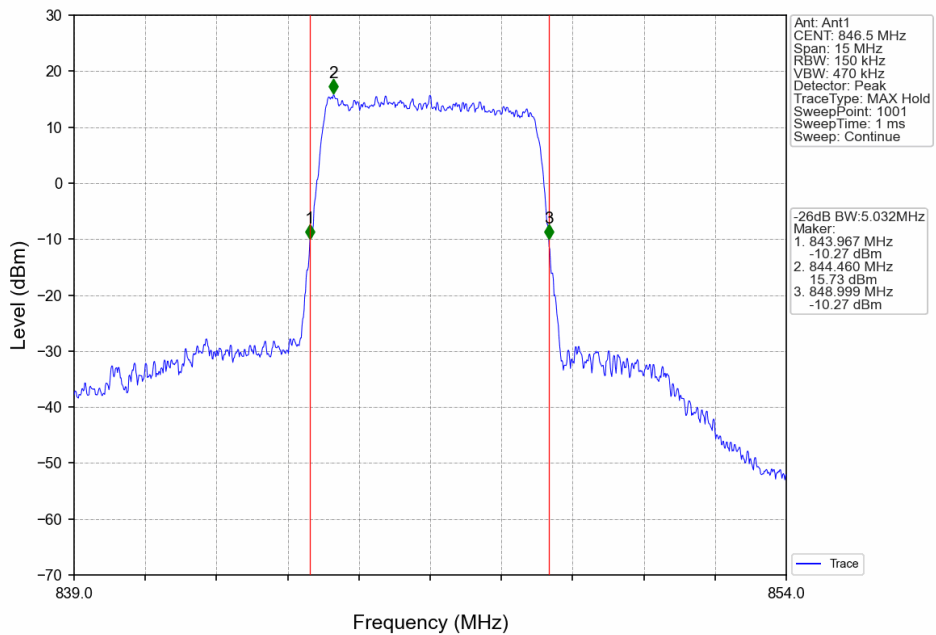
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



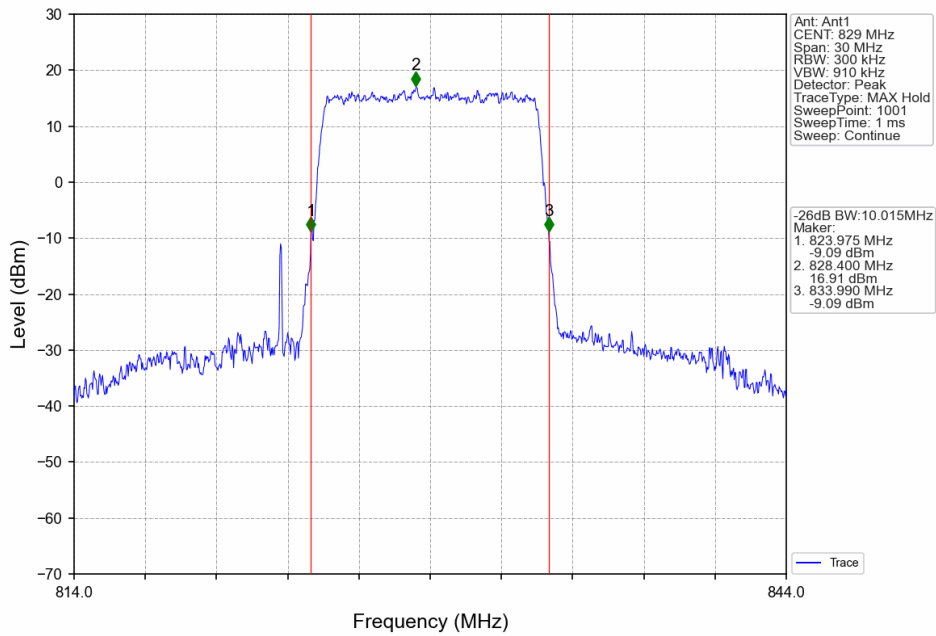
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



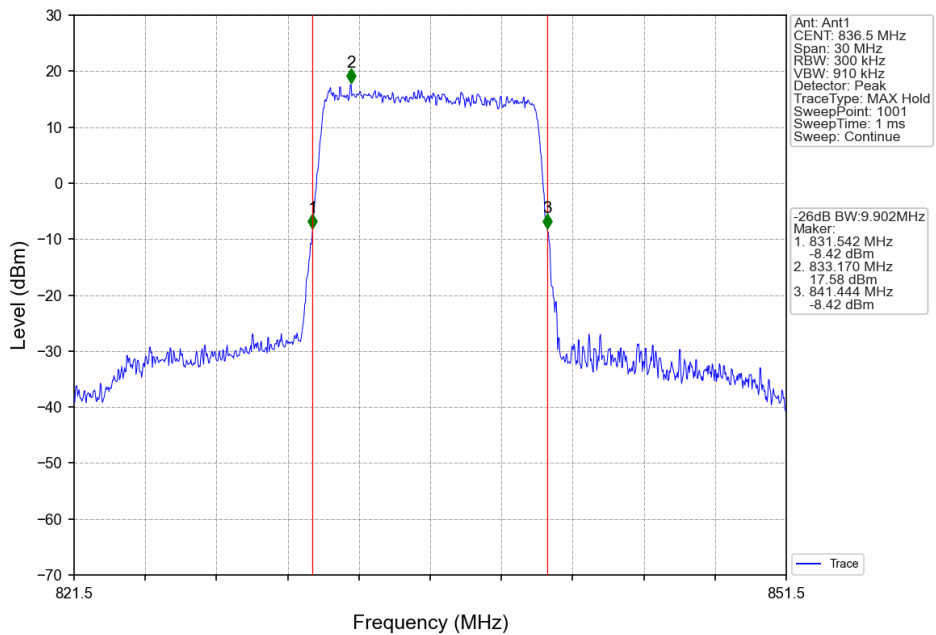
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



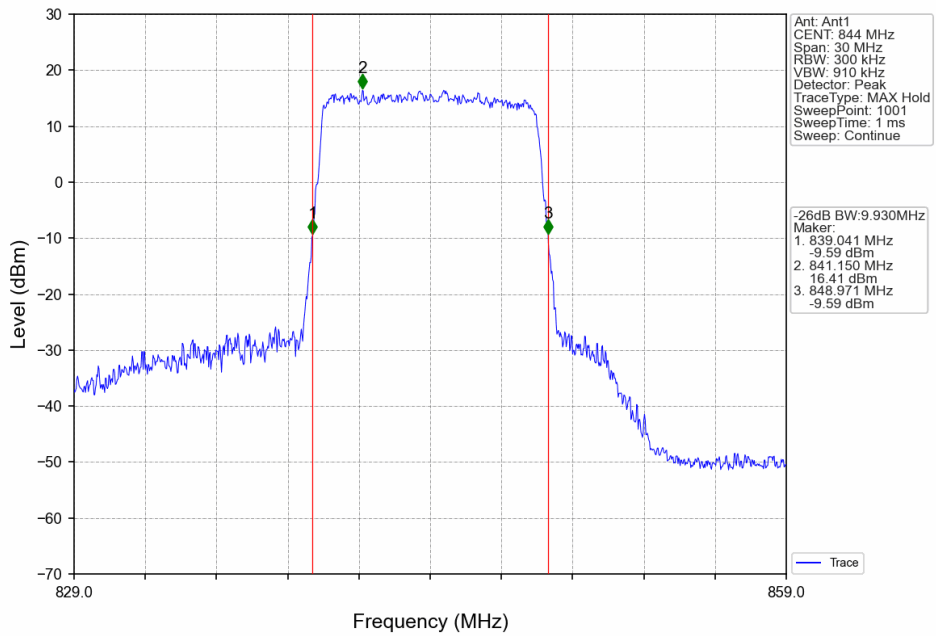
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



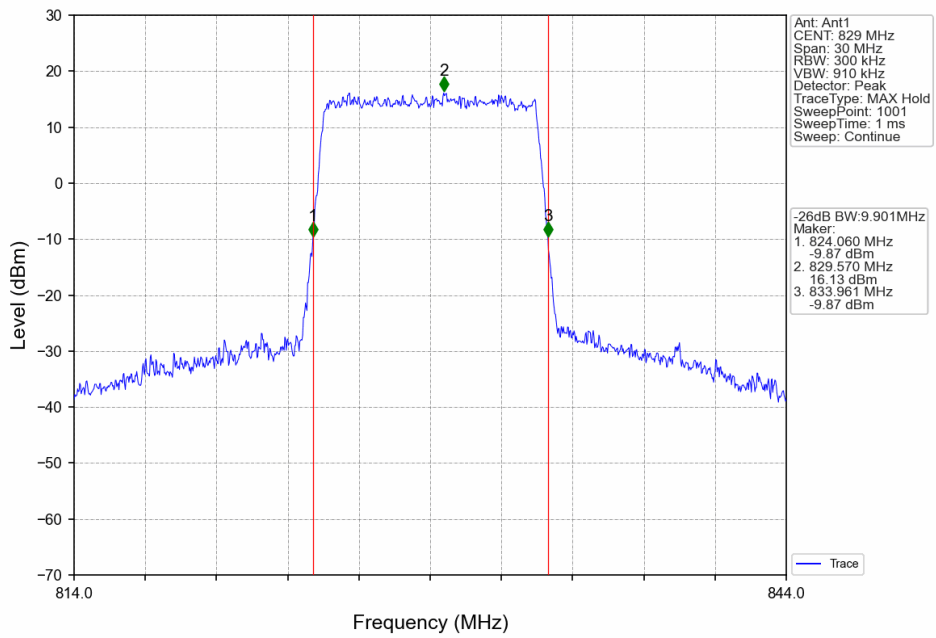
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



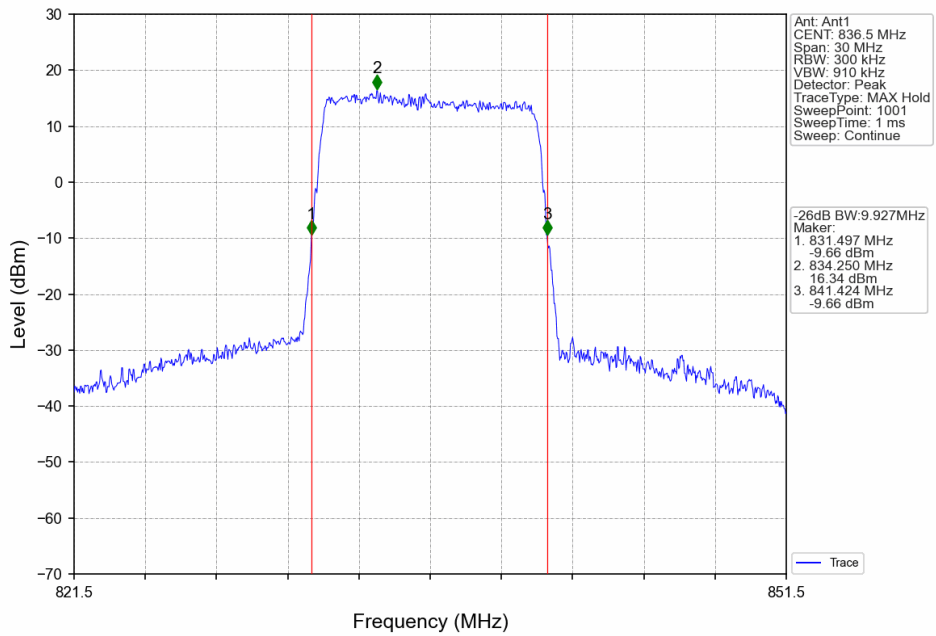
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



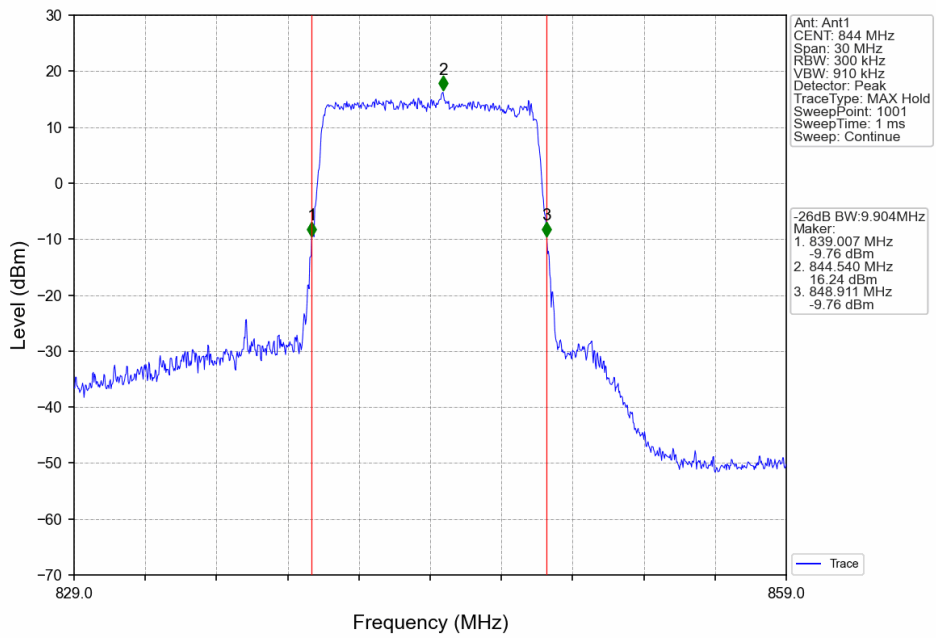
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



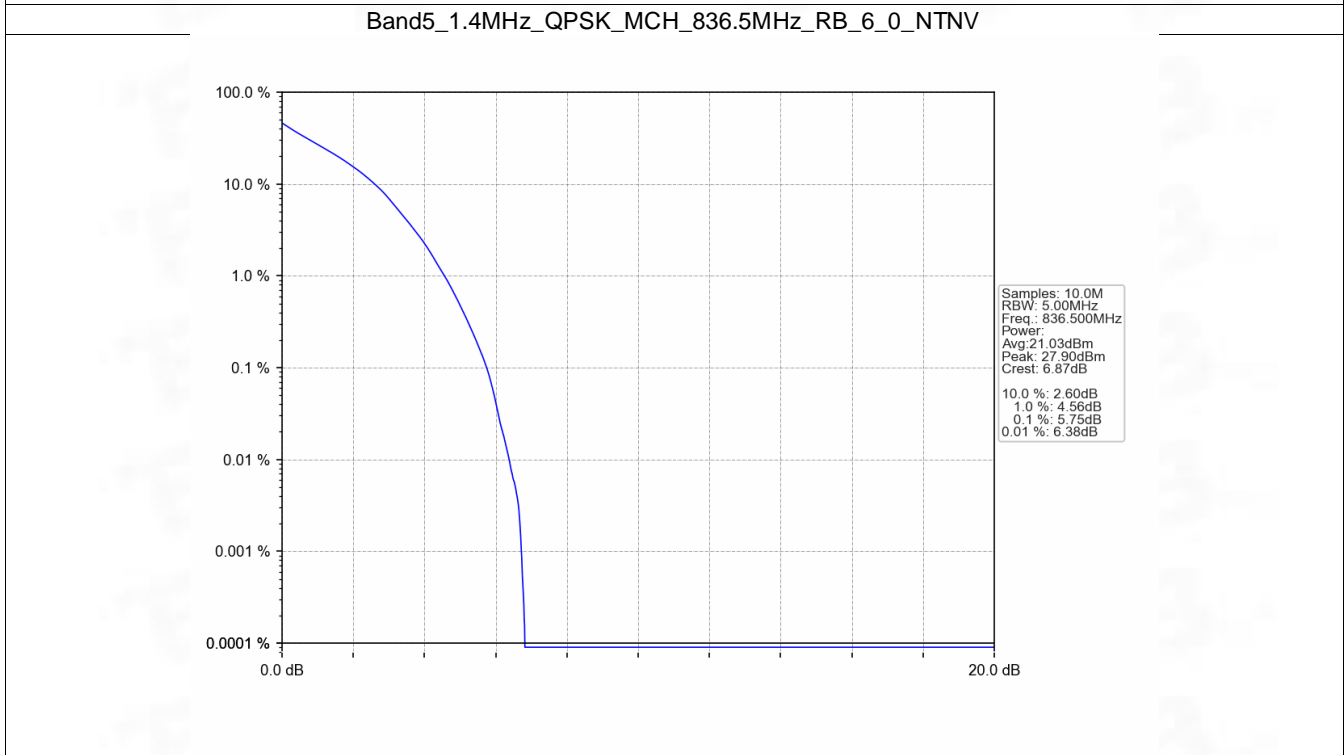
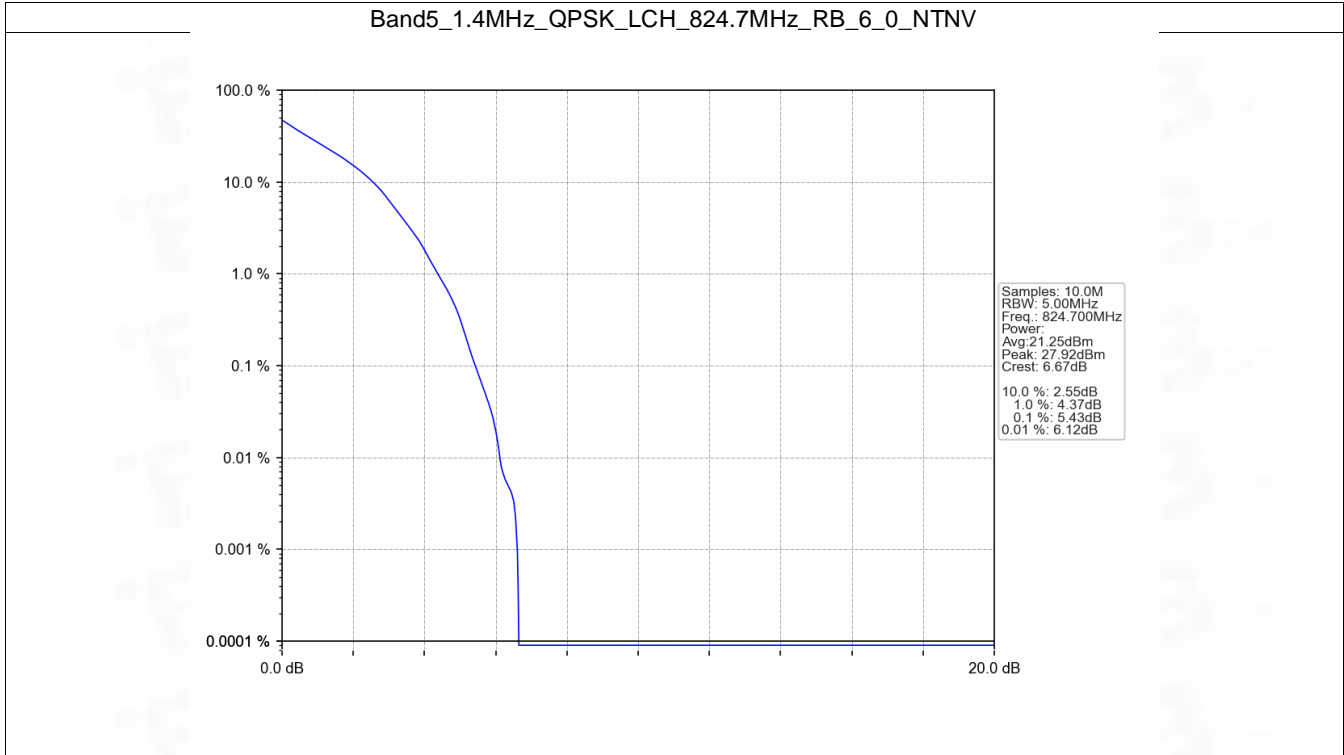
5. Peak-Average Ratio

5.1 B5_1.4MHz

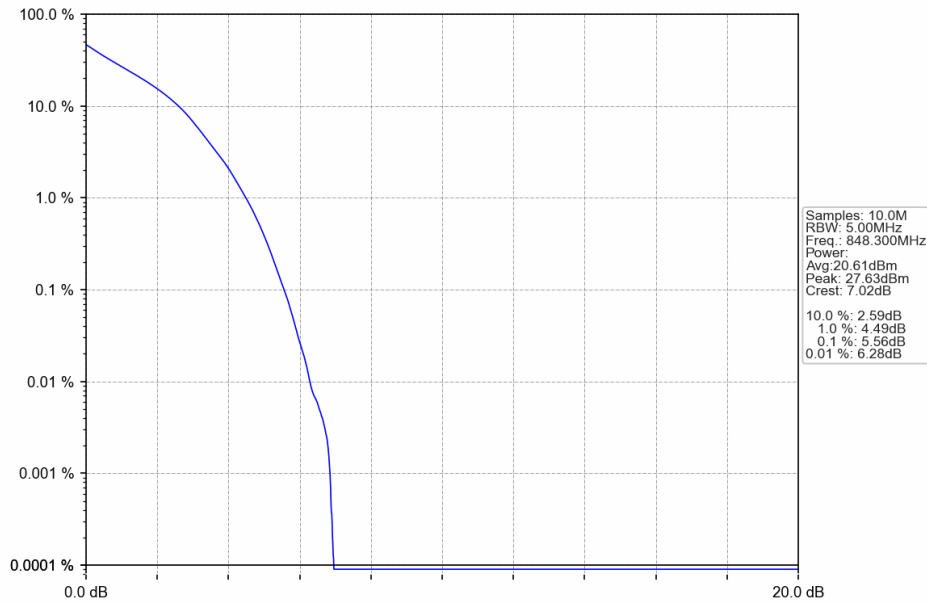
5.1.1 Test Result

Band: 5 / Bandwidth: 1.4MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	824.7	6	0	5.43	<=13	Pass
	836.5	6	0	5.75	<=13	Pass
	848.3	6	0	5.56	<=13	Pass
16QAM	824.7	6	0	6.28	<=13	Pass
	836.5	6	0	6.45	<=13	Pass
	848.3	6	0	6.32	<=13	Pass

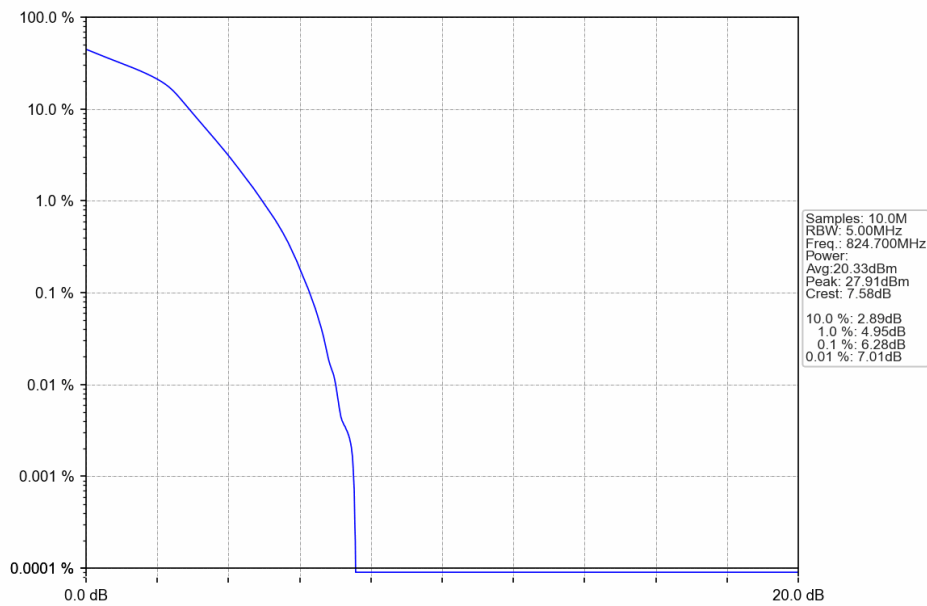
5.1.2 Test Graph



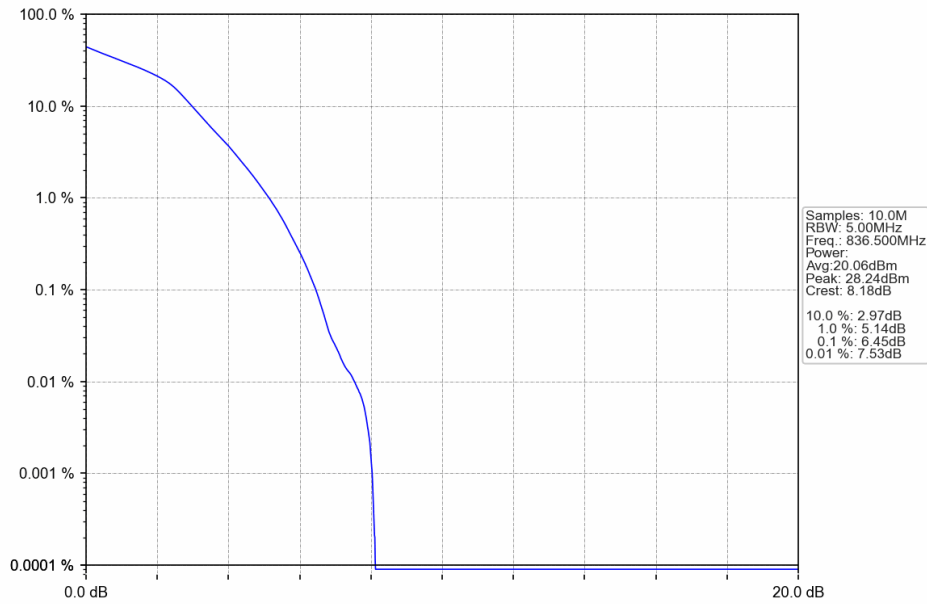
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



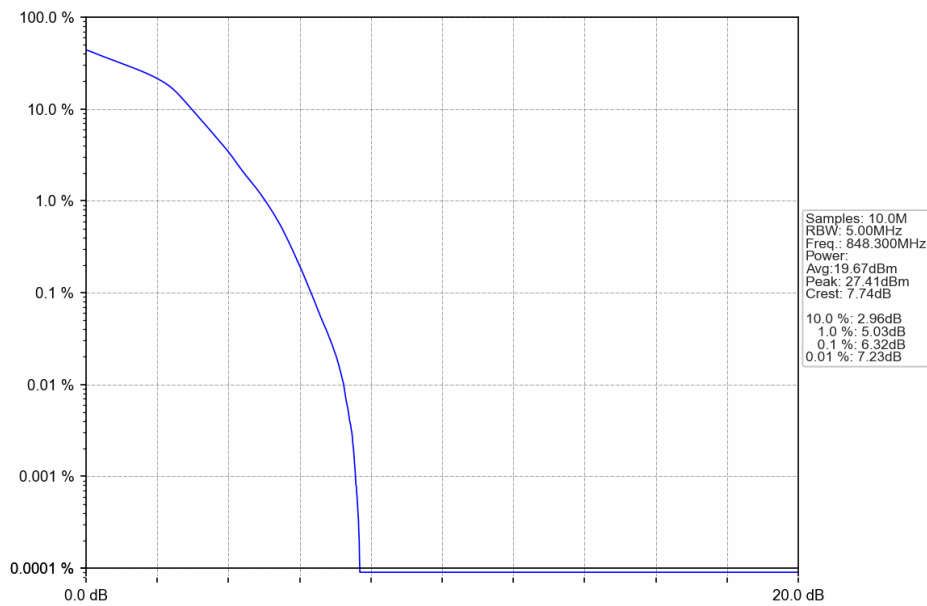
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV

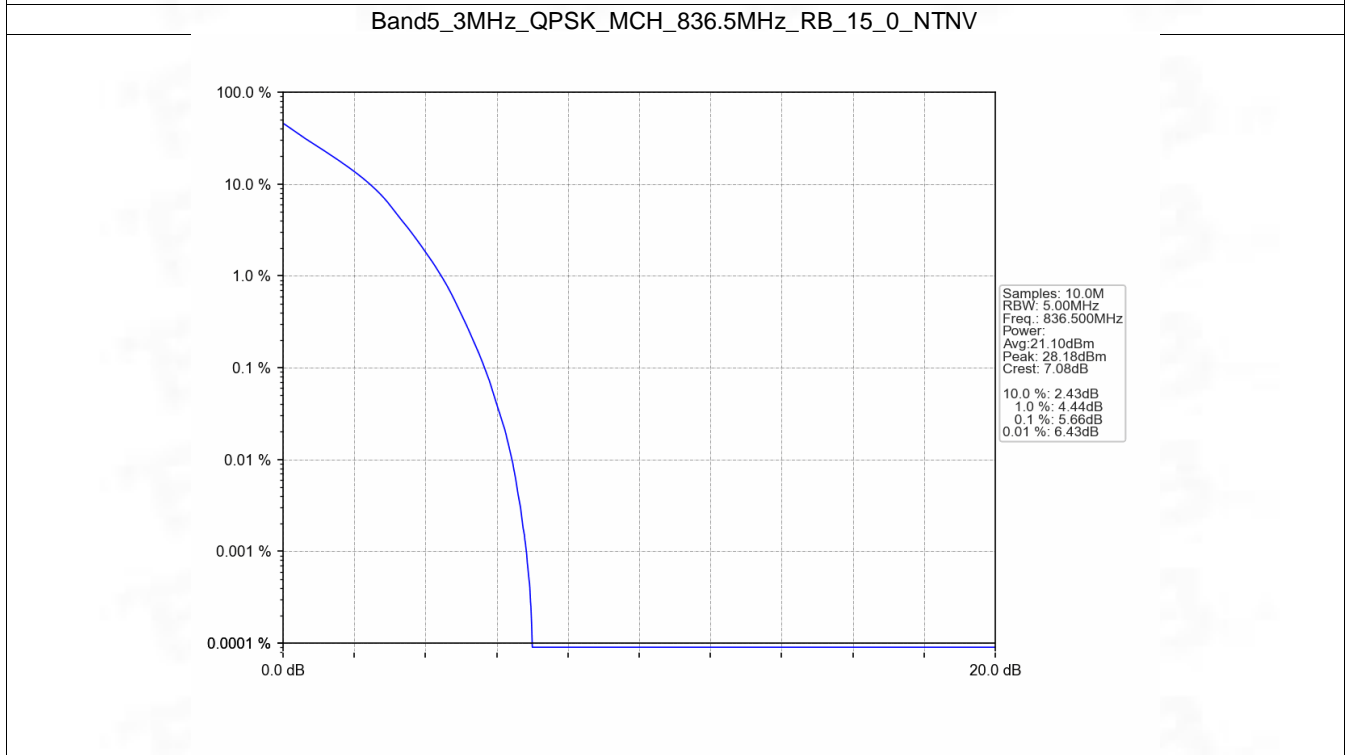
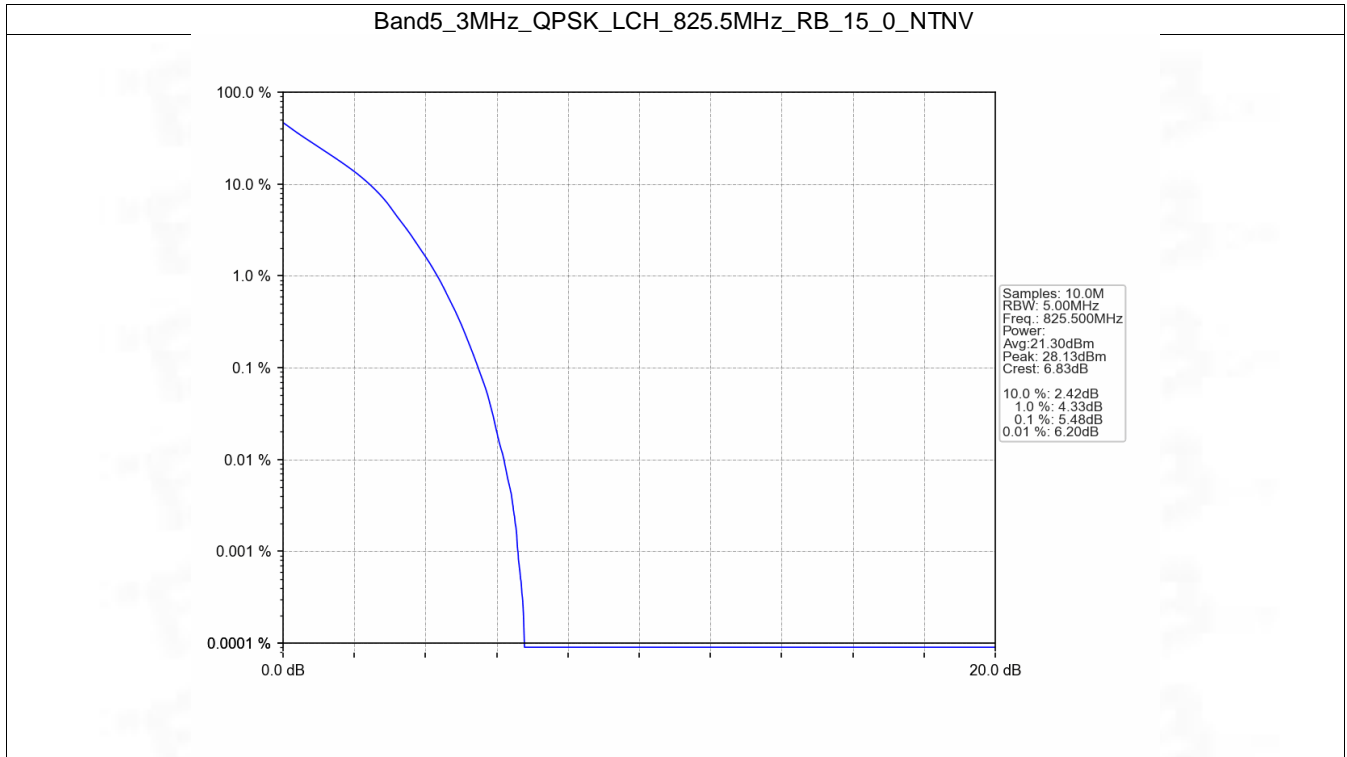


5.2 B5_3MHz

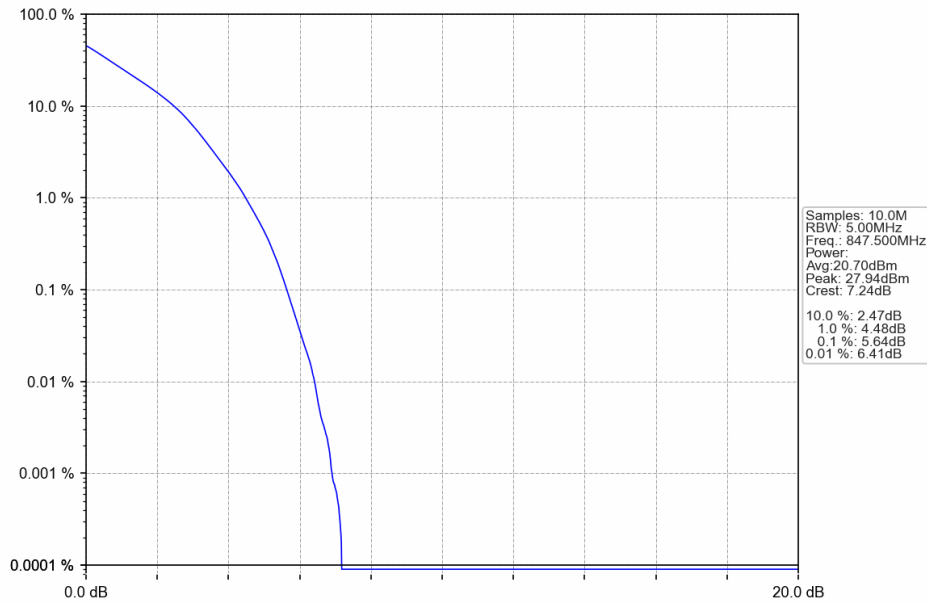
5.2.1 Test Result

Band: 5 / Bandwidth: 3MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	825.5	15	0	5.48	<=13	Pass
	836.5	15	0	5.66	<=13	Pass
	847.5	15	0	5.64	<=13	Pass
16QAM	825.5	15	0	6.25	<=13	Pass
	836.5	15	0	6.49	<=13	Pass
	847.5	15	0	6.43	<=13	Pass

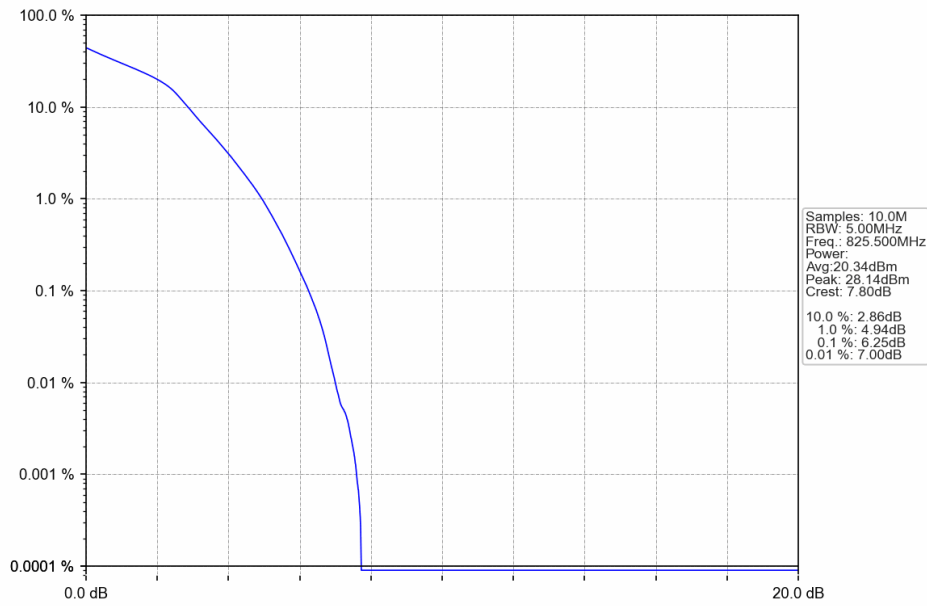
5.2.2 Test Graph



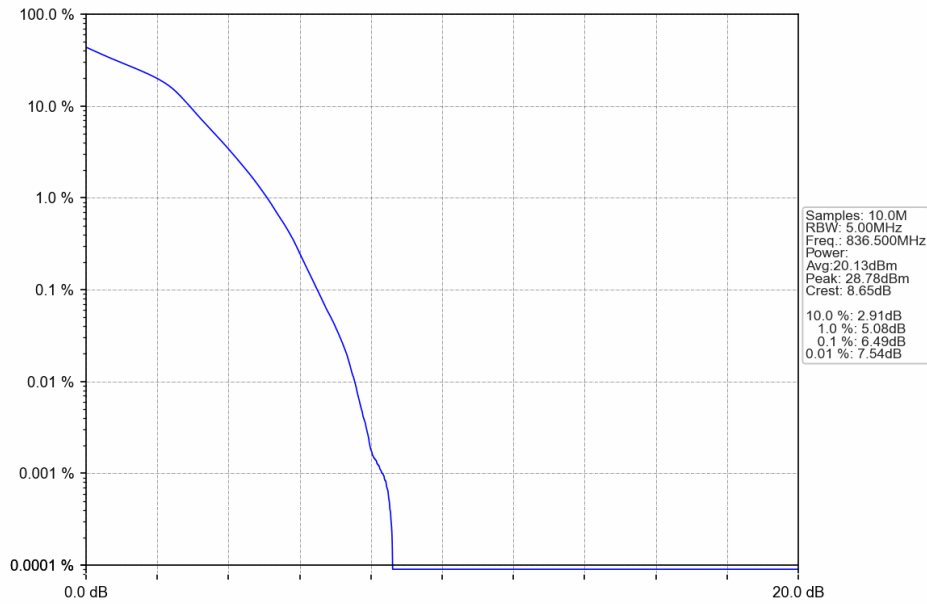
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



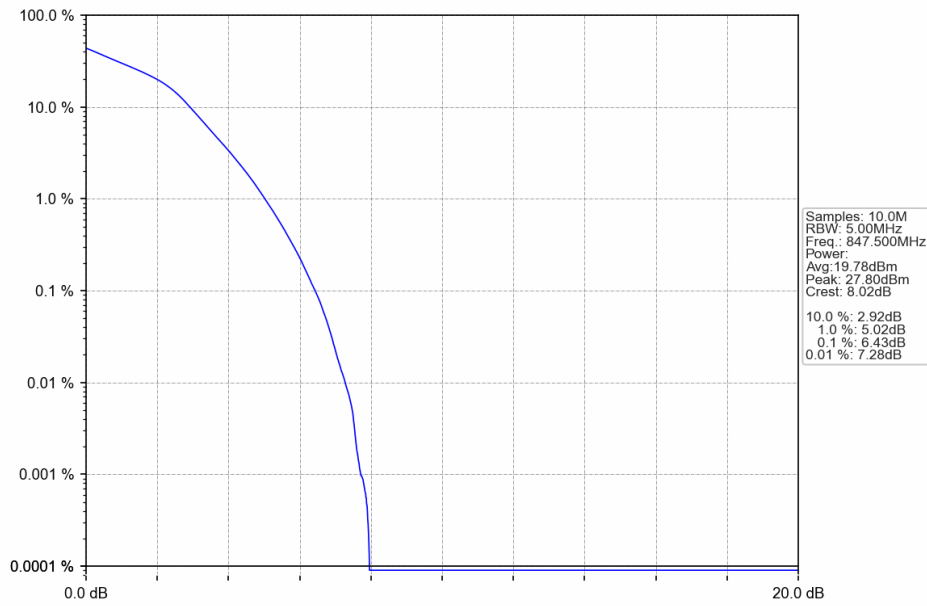
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV

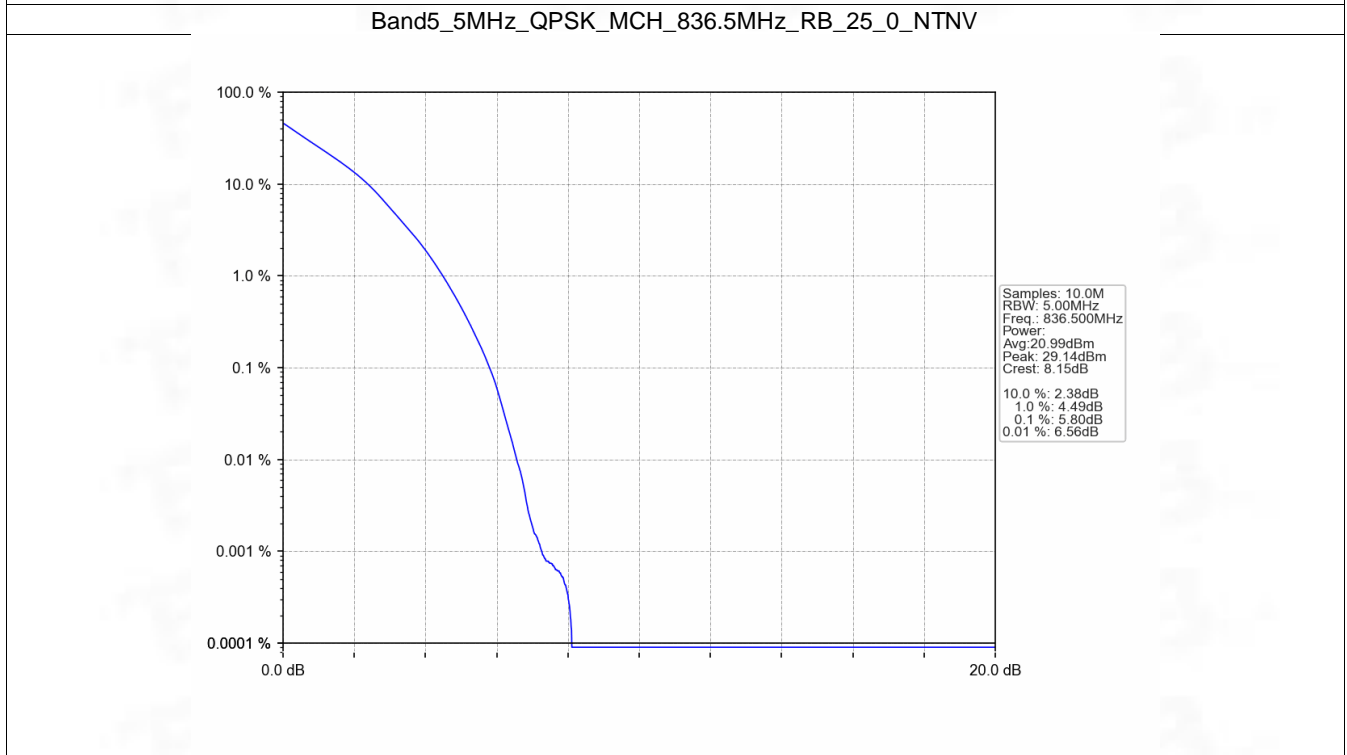
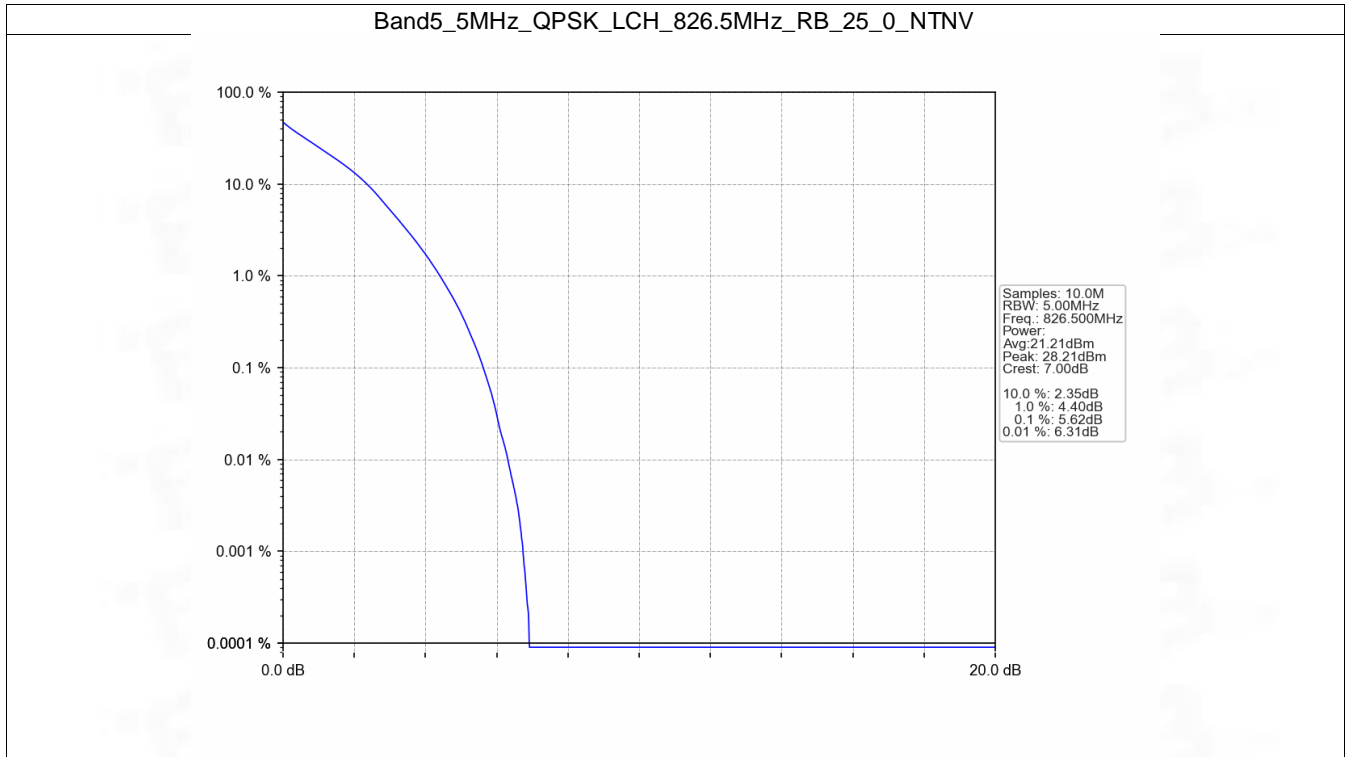


5.3 B5_5MHz

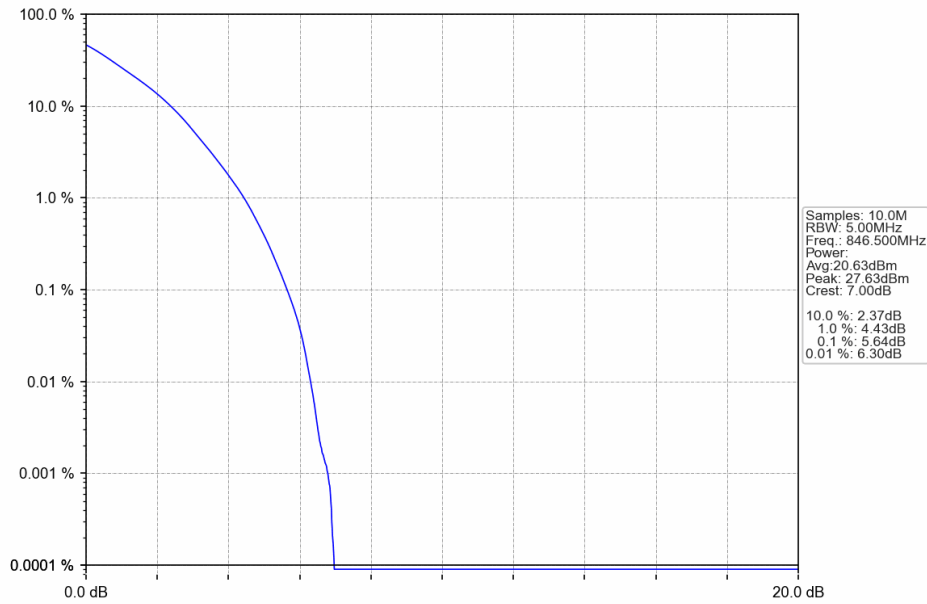
5.3.1 Test Result

Band: 5 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	826.5	25	0	5.62	<=13	Pass
	836.5	25	0	5.80	<=13	Pass
	846.5	25	0	5.64	<=13	Pass
16QAM	826.5	25	0	6.25	<=13	Pass
	836.5	25	0	6.46	<=13	Pass
	846.5	25	0	6.39	<=13	Pass

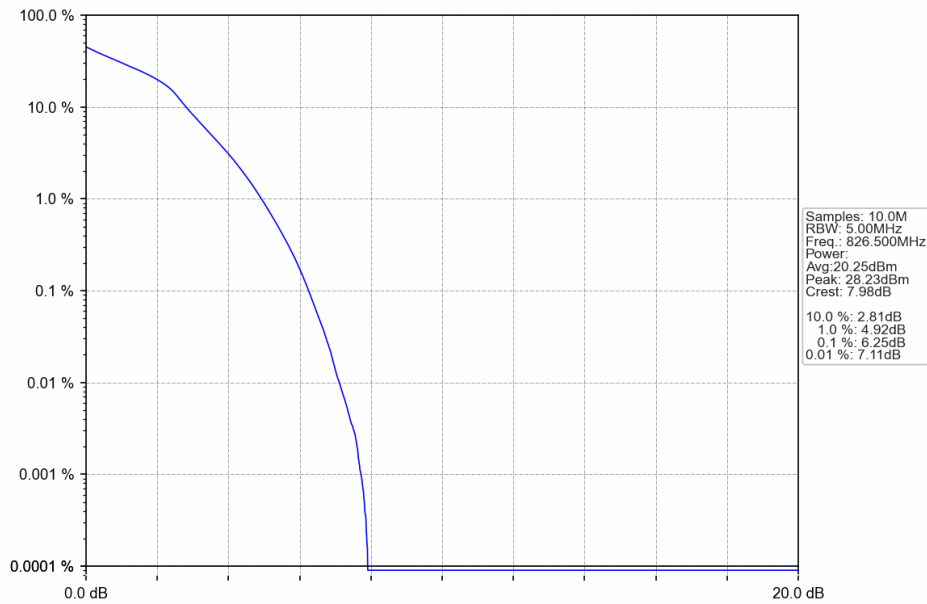
5.3.2 Test Graph



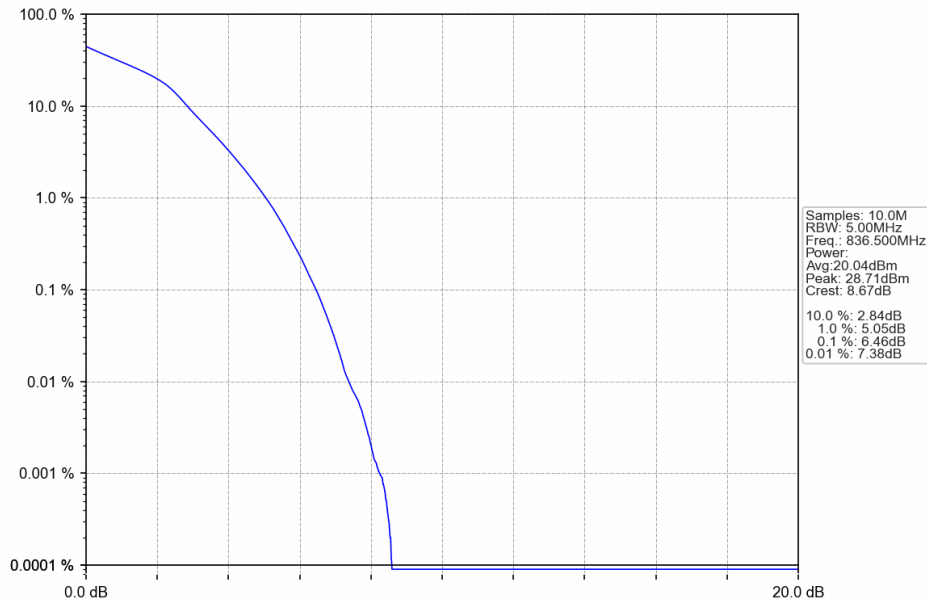
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



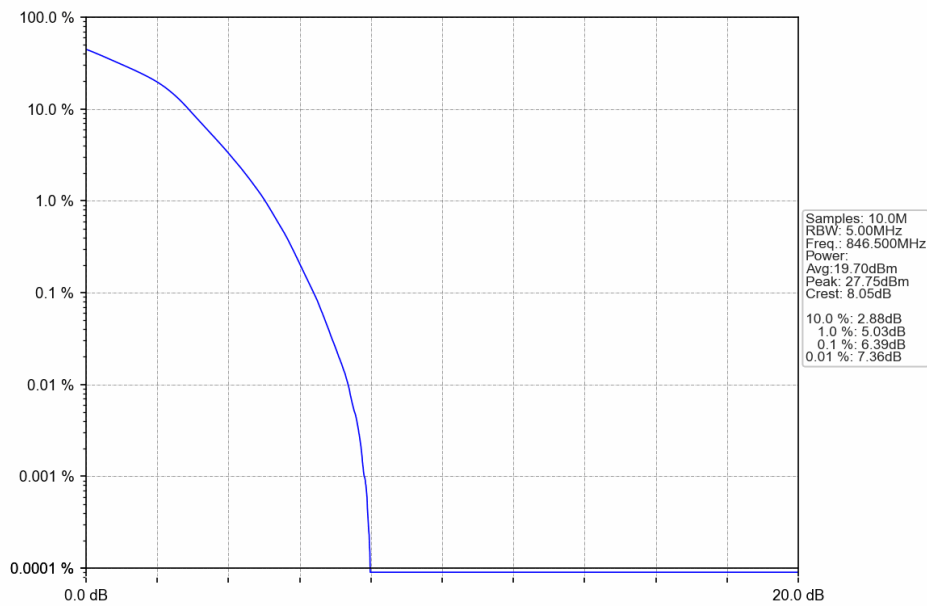
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV

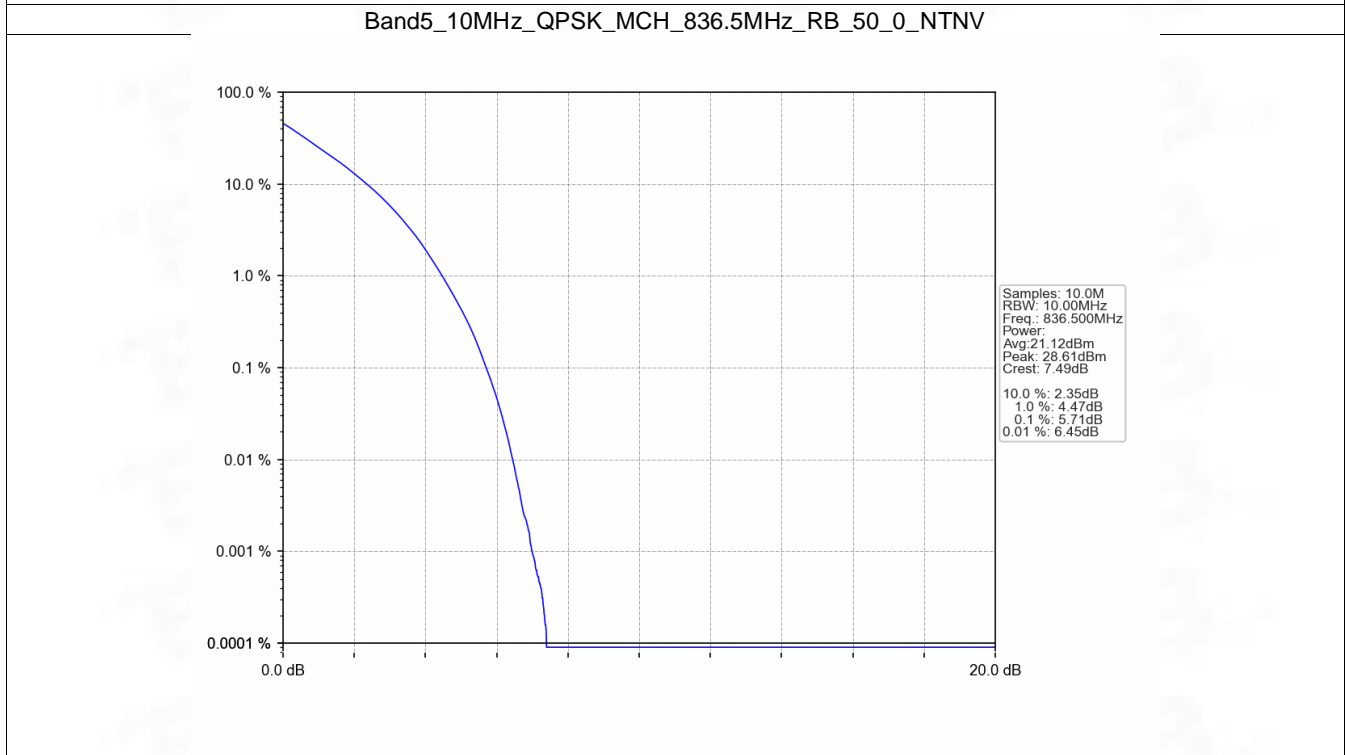
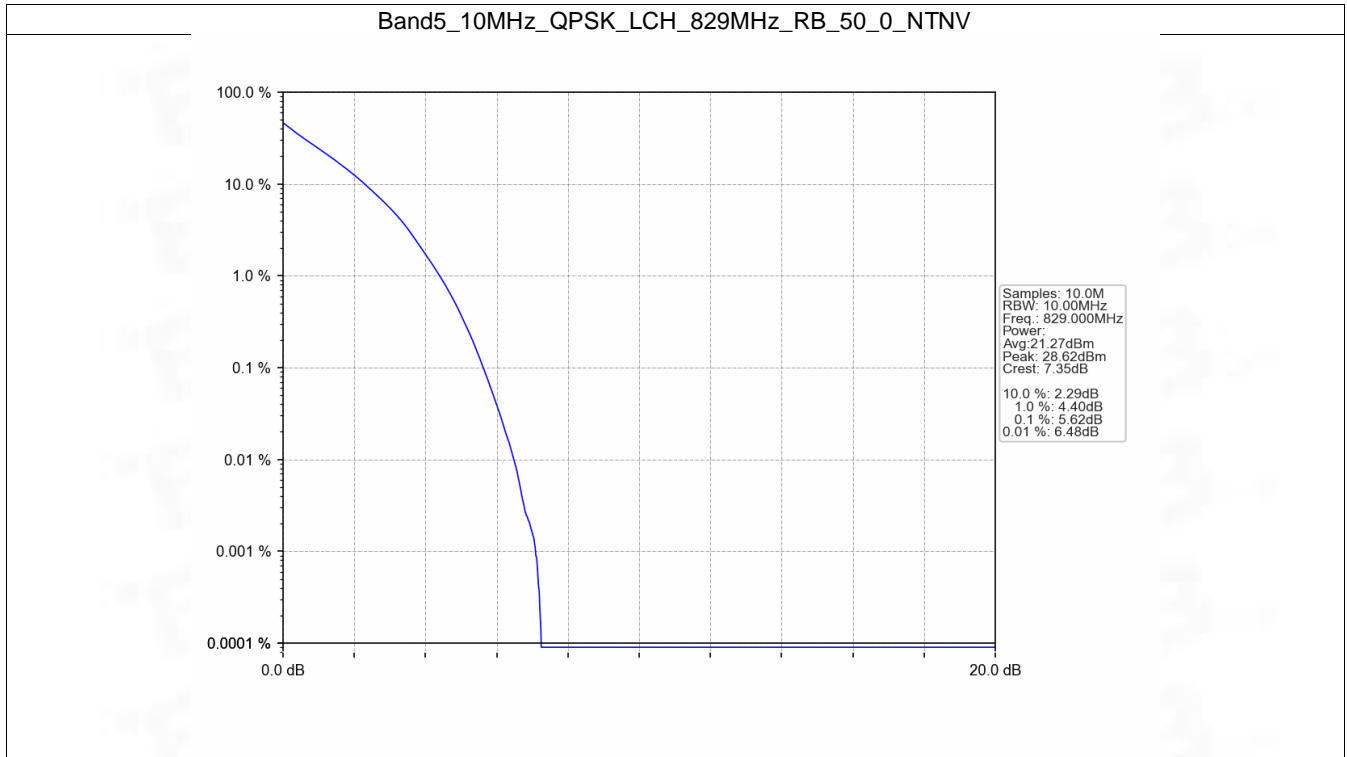


5.4 B5_10MHz

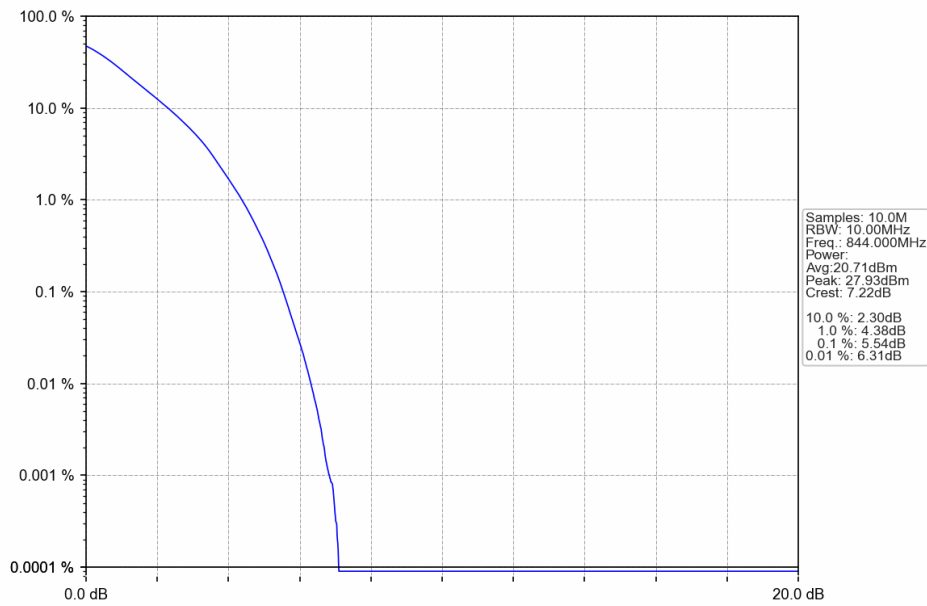
5.4.1 Test Result

Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	829	50	0	5.62	<=13	Pass
	836.5	50	0	5.71	<=13	Pass
	844	50	0	5.54	<=13	Pass
16QAM	829	50	0	6.31	<=13	Pass
	836.5	50	0	6.46	<=13	Pass
	844	50	0	6.32	<=13	Pass

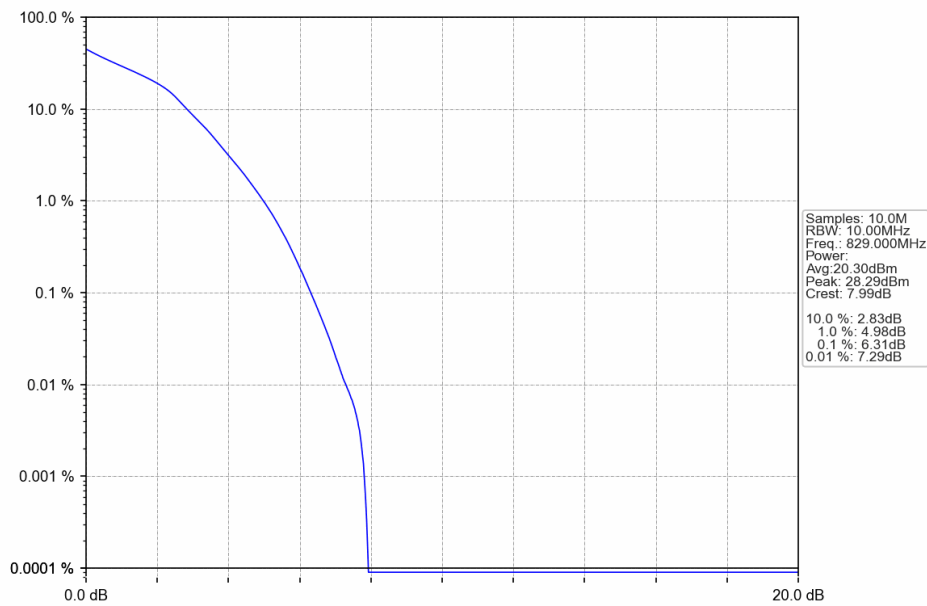
5.4.2 Test Graph

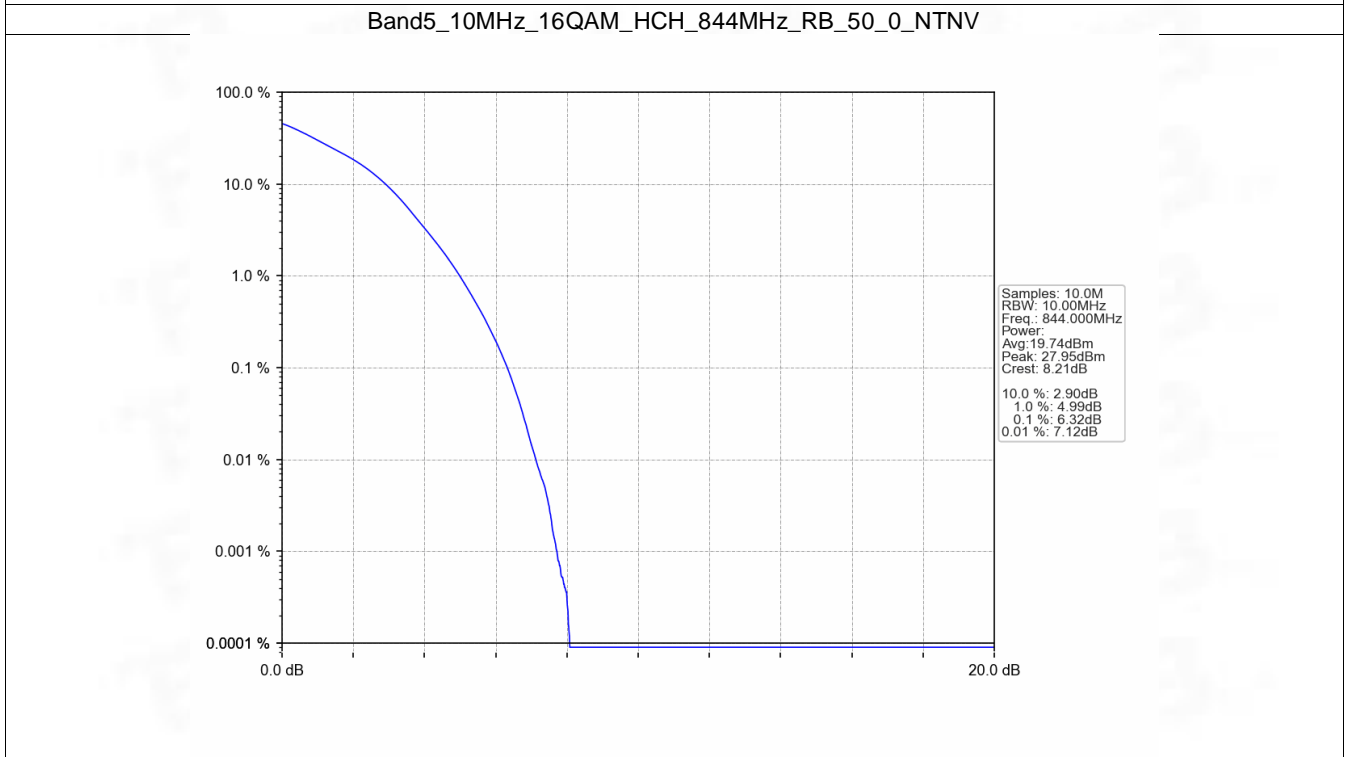
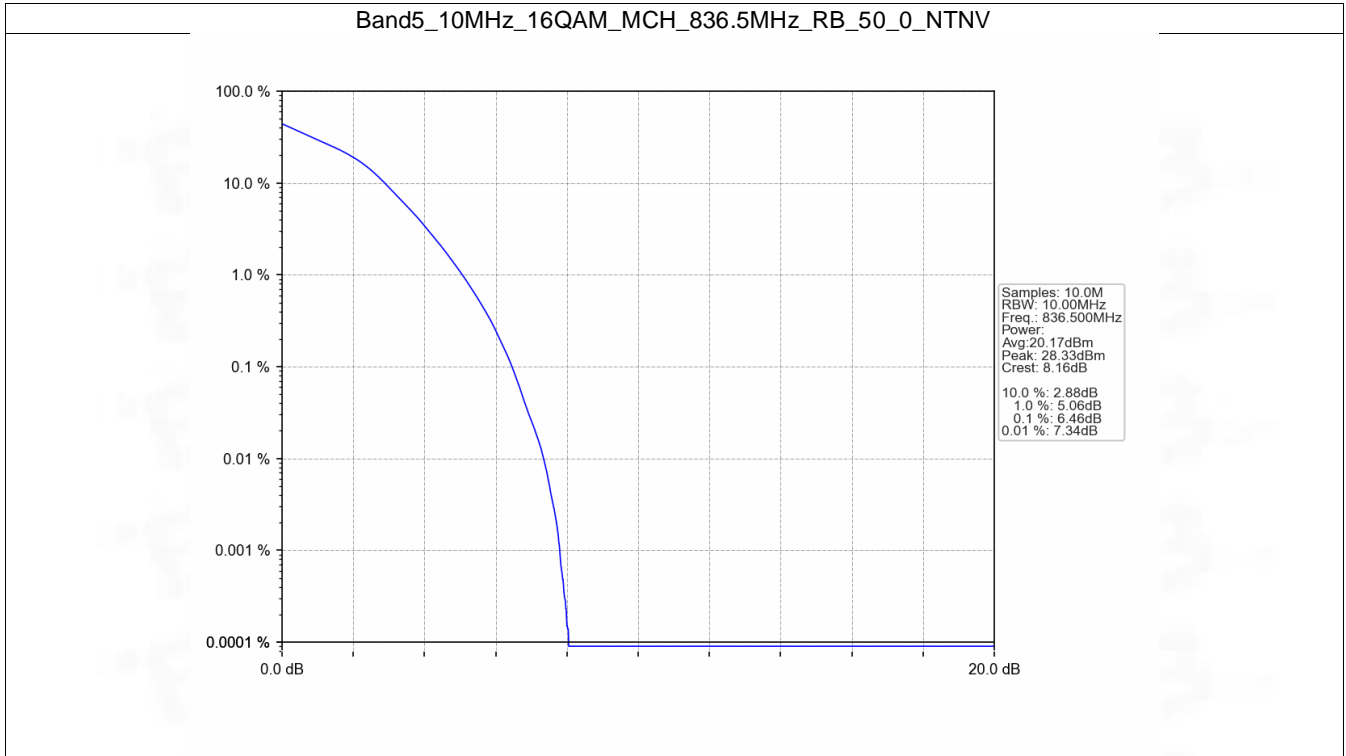


Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV





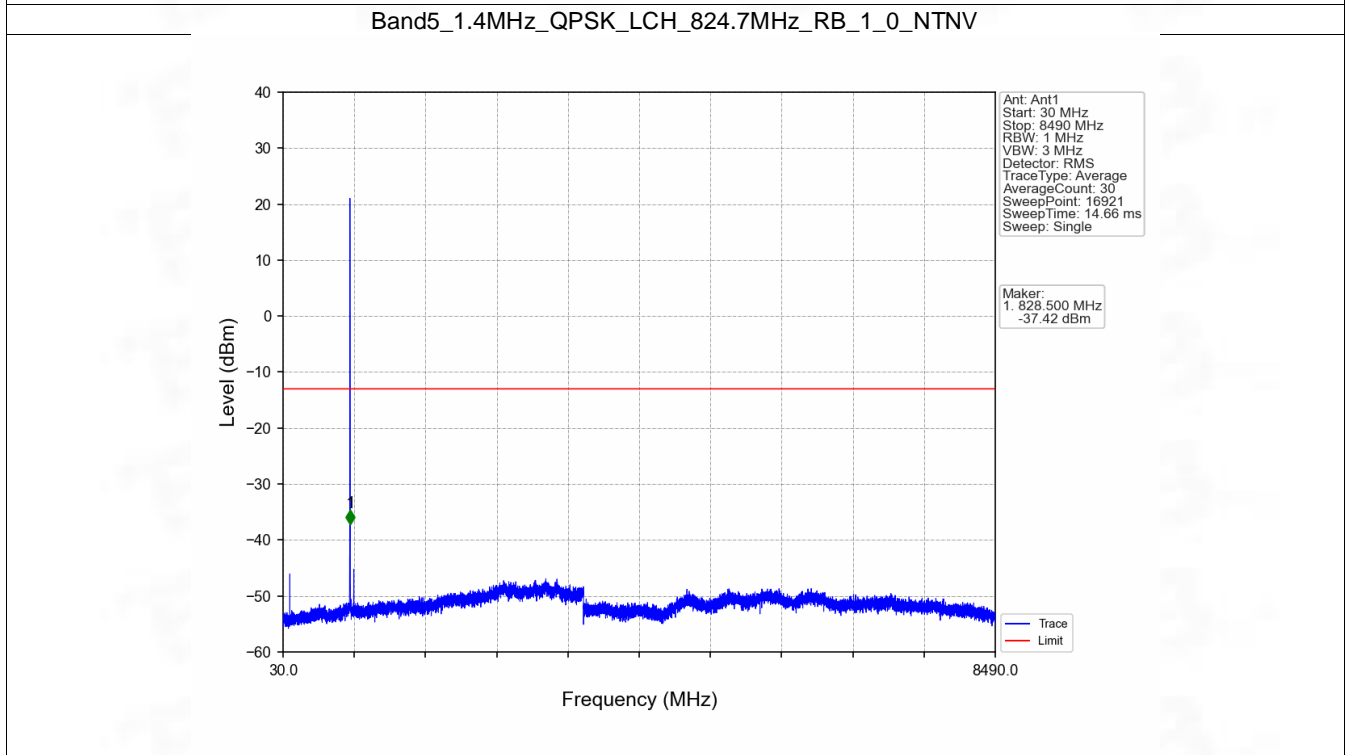
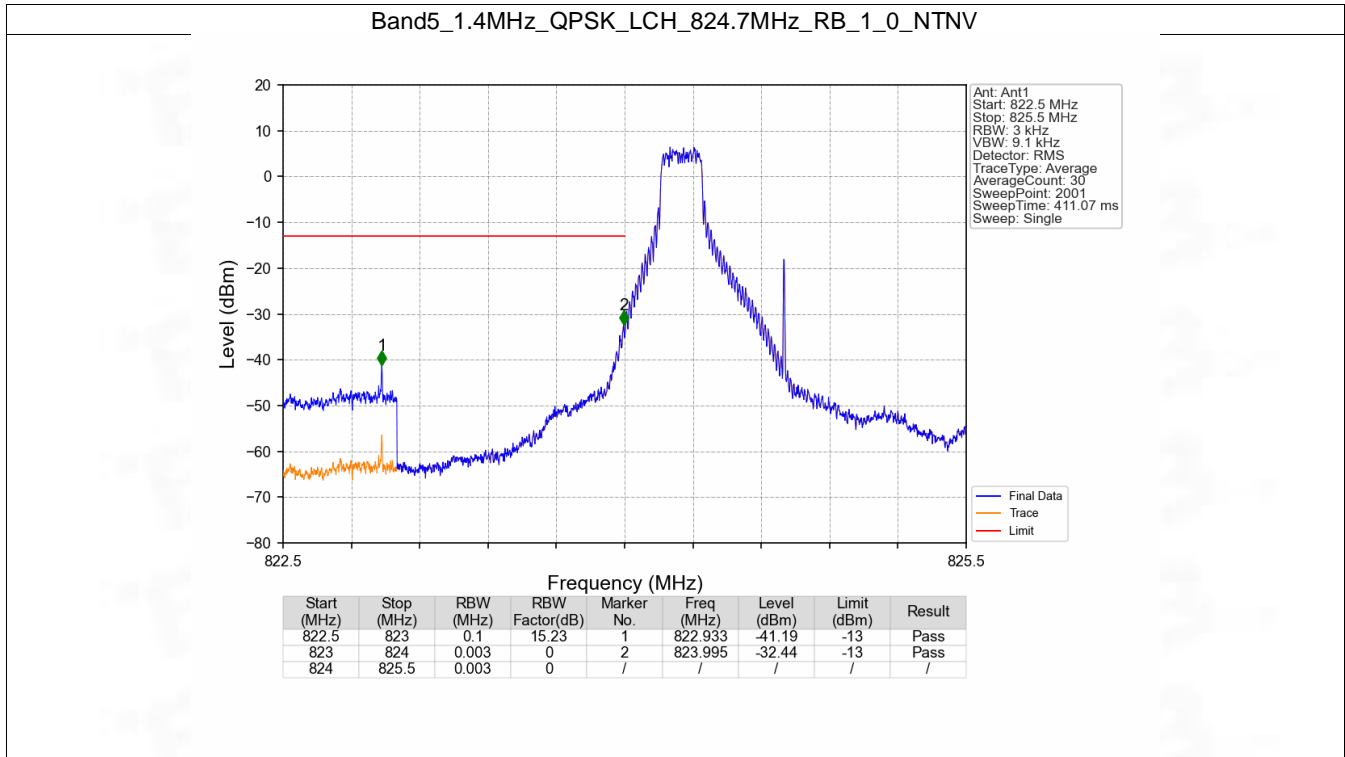
6. Spurious Emission

6.1 B5_1.4MHz

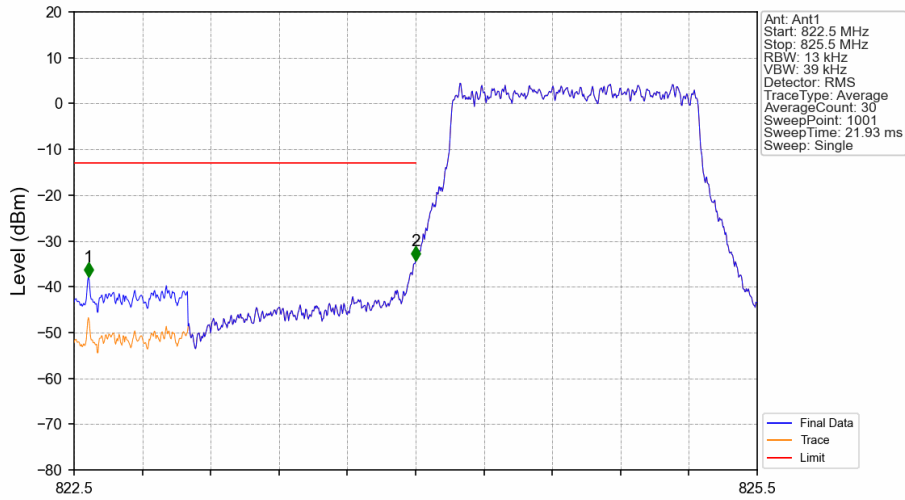
6.1.1 Test Result

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

6.1.2 Test Graph

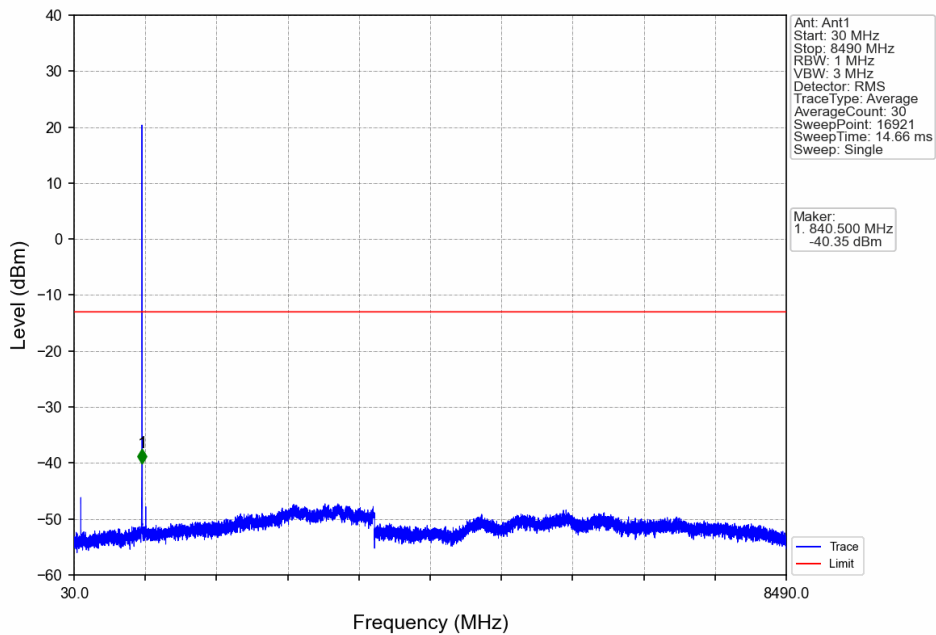


Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV

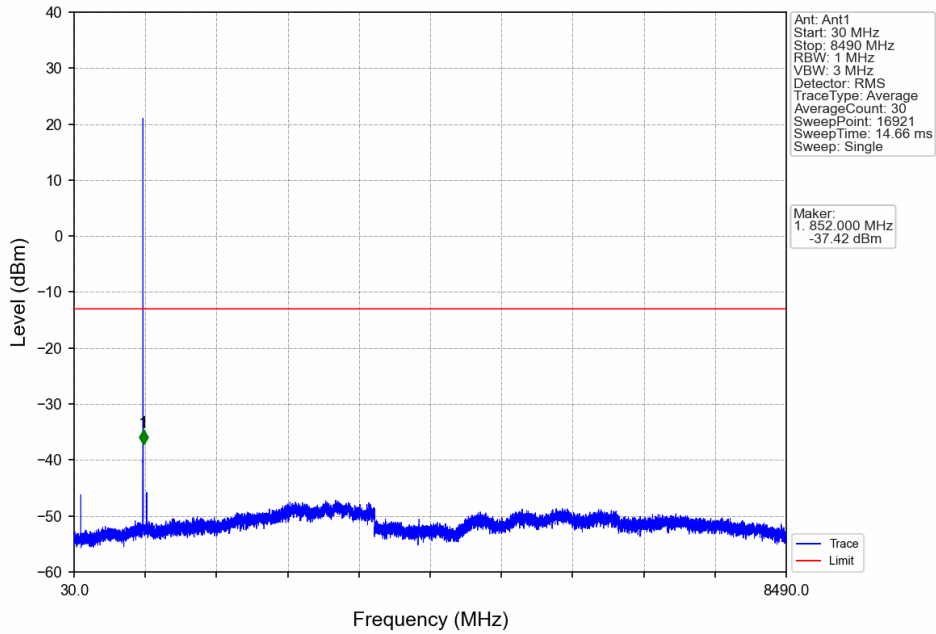


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor (dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	823	0.1	8.86	1	822.563	-37.88	-13	Pass
823	824	0.013	0	2	824.000	-34.40	-13	Pass
824	825.5	0.013	0	/	/	/	/	/

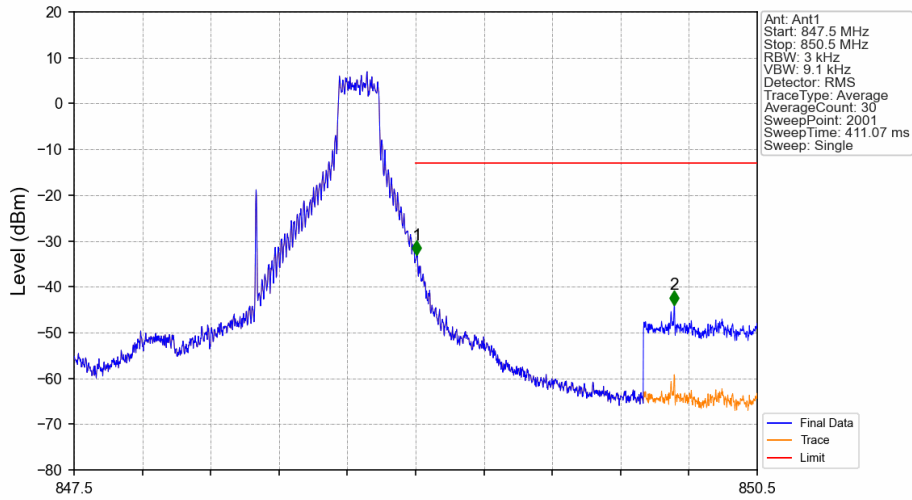
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_1_0_NTNV

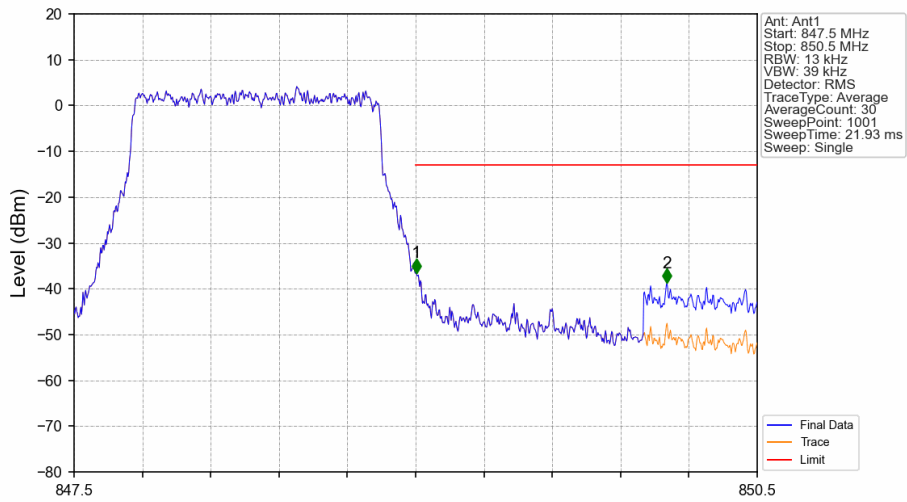


Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_1_5_NTNV



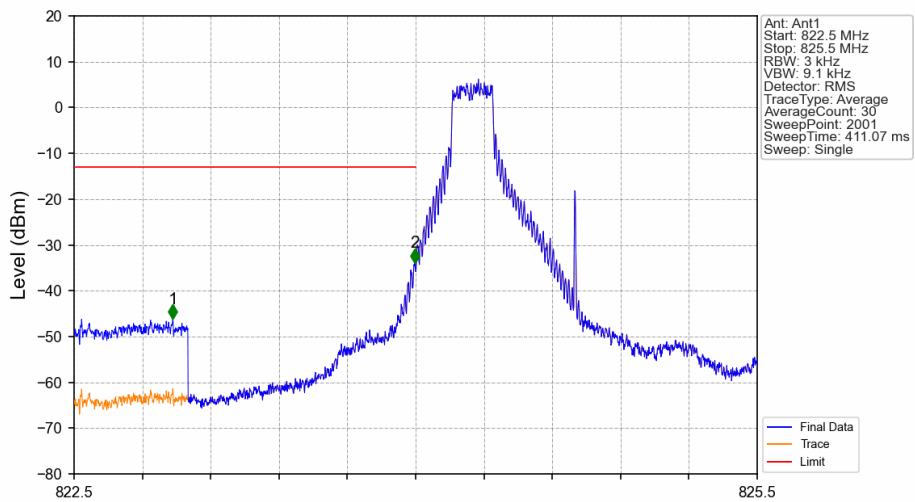
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
847.5	849	0.003	0	/	/	/	/	/
849	850	0.003	0	1	849.005	-33.15	-13	Pass
850	850.5	0.1	15.23	2	850.135	-43.95	-13	Pass

Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



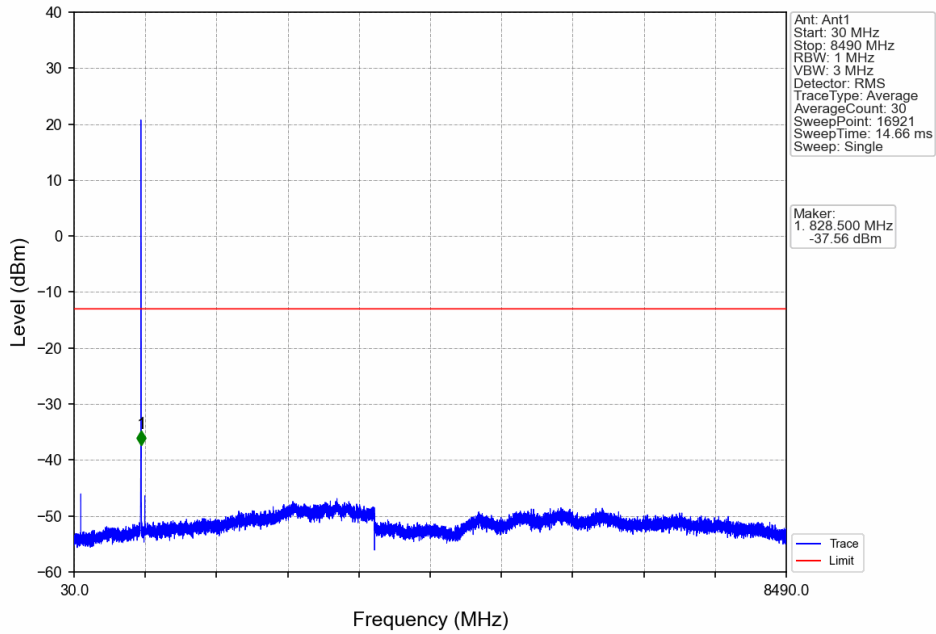
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
847.5	849	0.013	0	/	/	/	/	/
849	850	0.013	0	1	849.003	-36.53	-13	Pass
850	850.5	0.1	8.86	2	850.104	-38.69	-13	Pass

Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_1_0_NTNV

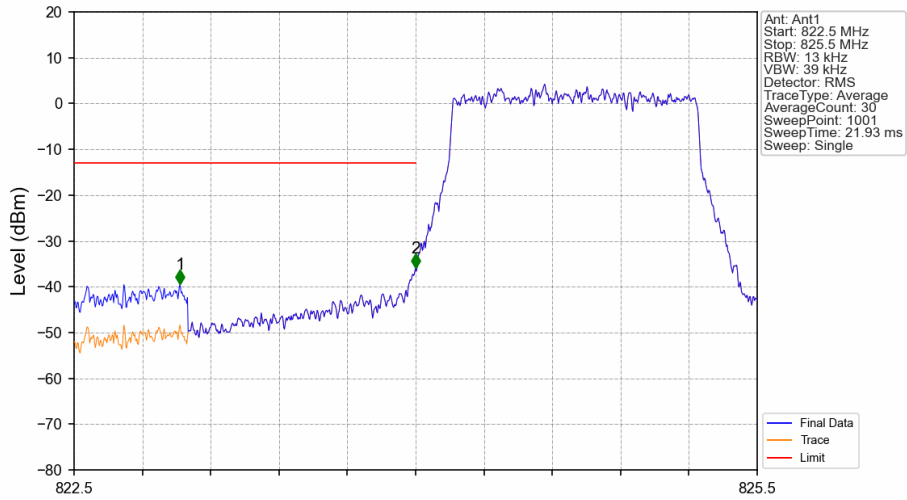


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	823	0.1	15.23	1	822.933	-46.19	-13	Pass
823	824	0.003	0	2	823.997	-33.90	-13	Pass
824	825.5	0.003	0	/	/	/	/	/

Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_1_0_NTNV

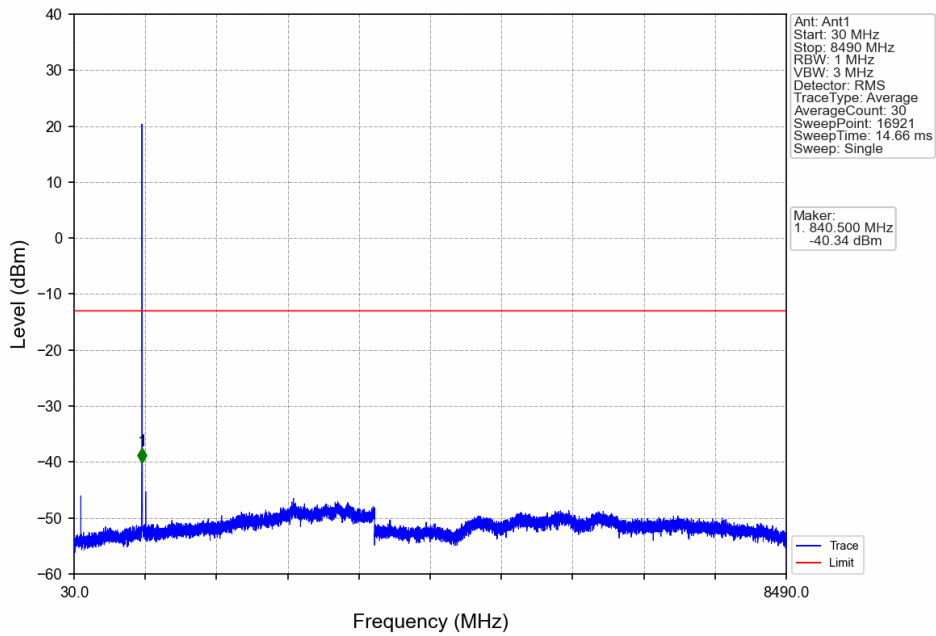


Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV

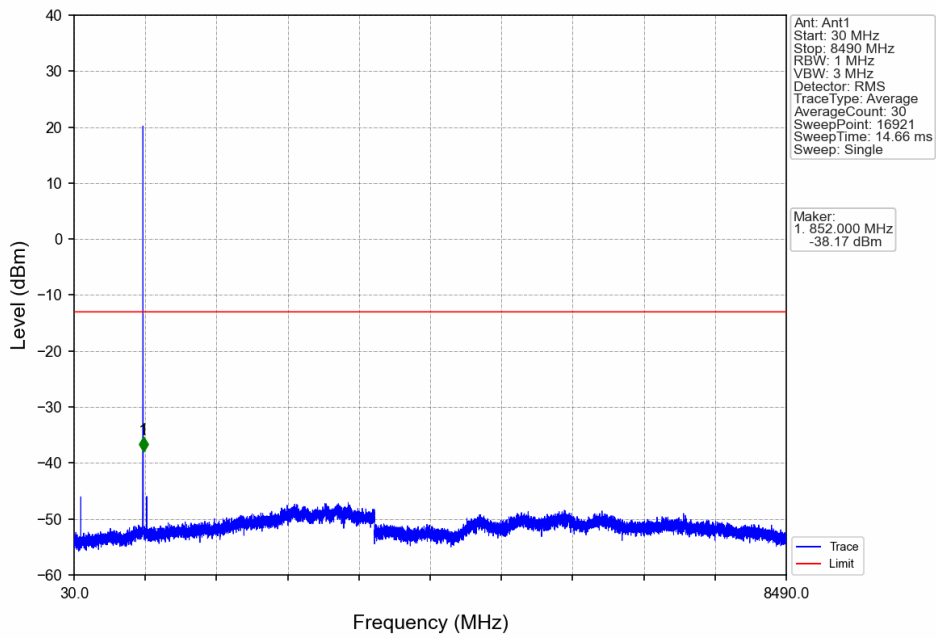


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor (dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	823	0.1	8.86	1	822.965	-39.49	-13	Pass
823	824	0.013	0	2	824.000	-35.97	-13	Pass
824	825.5	0.013	0	/	/	/	/	/

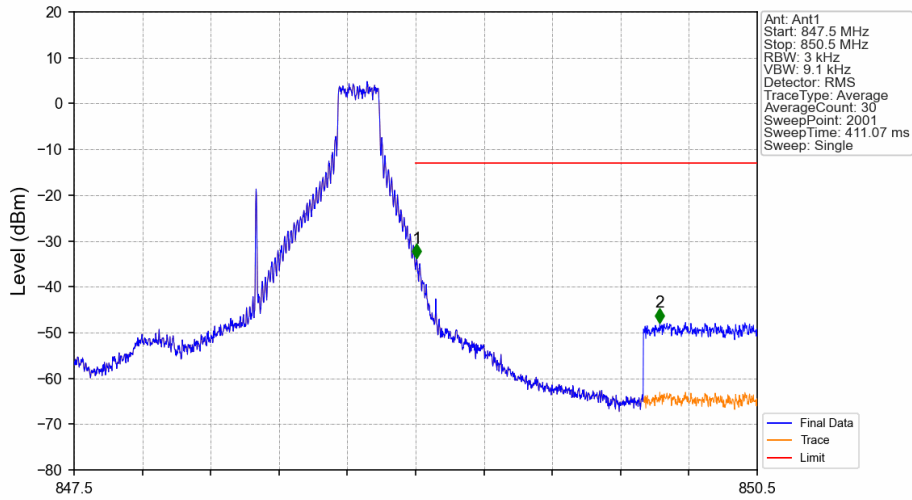
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_1_0_NTNV

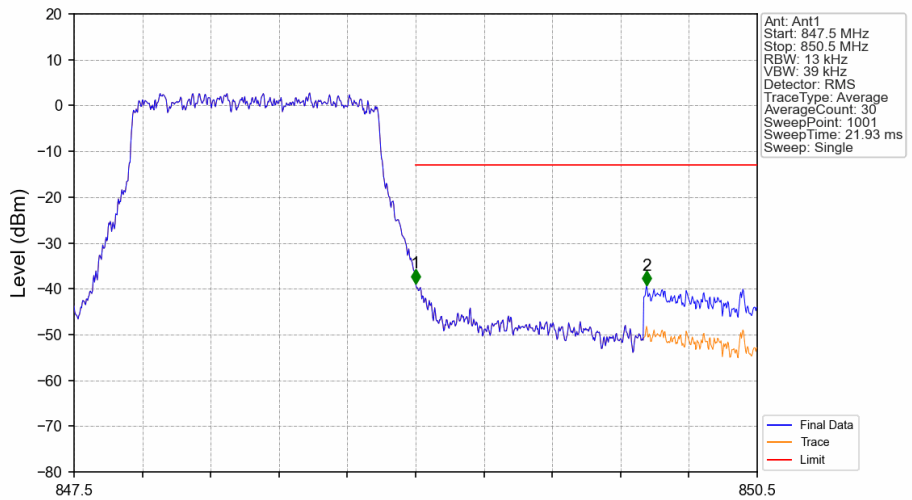


Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_1_5_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
847.5	849	0.003	0	/	/	/	/	/
849	850	0.003	0	1	849.005	-33.83	-13	Pass
850	850.5	0.1	15.23	2	850.072	-47.81	-13	Pass

Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



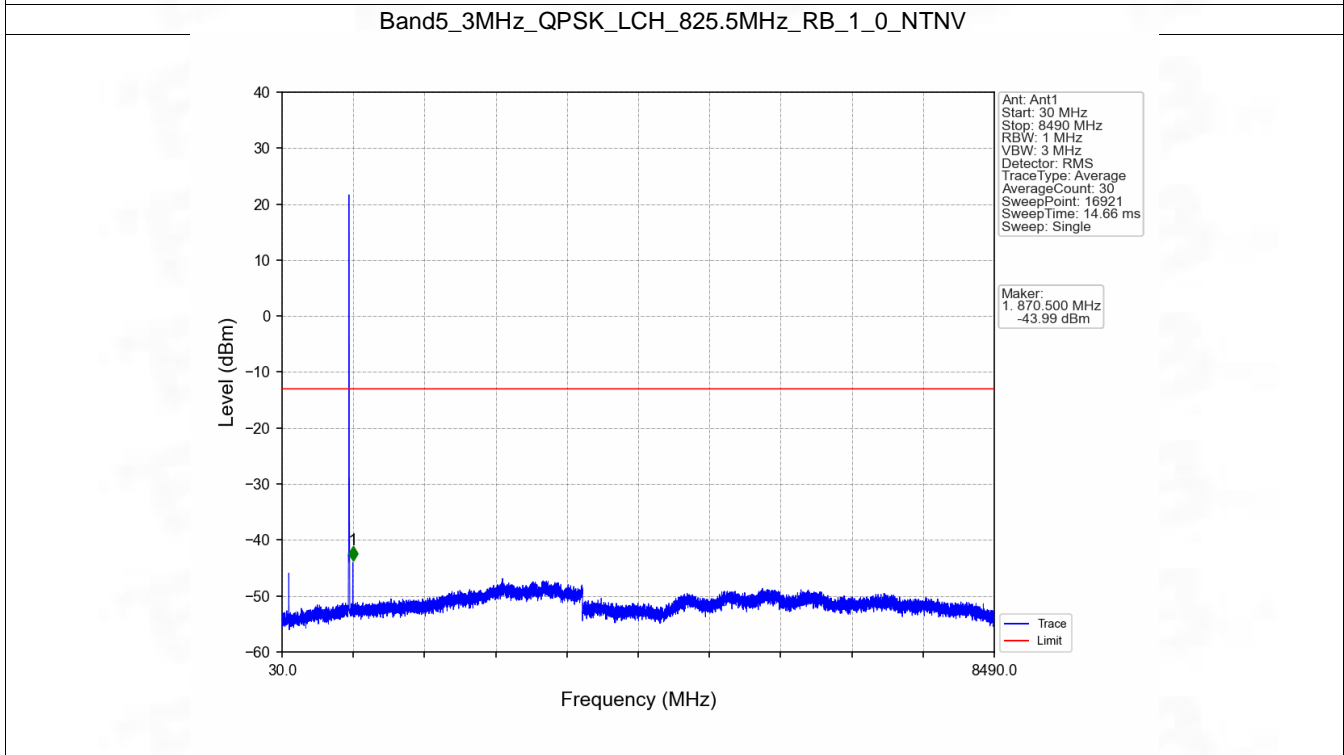
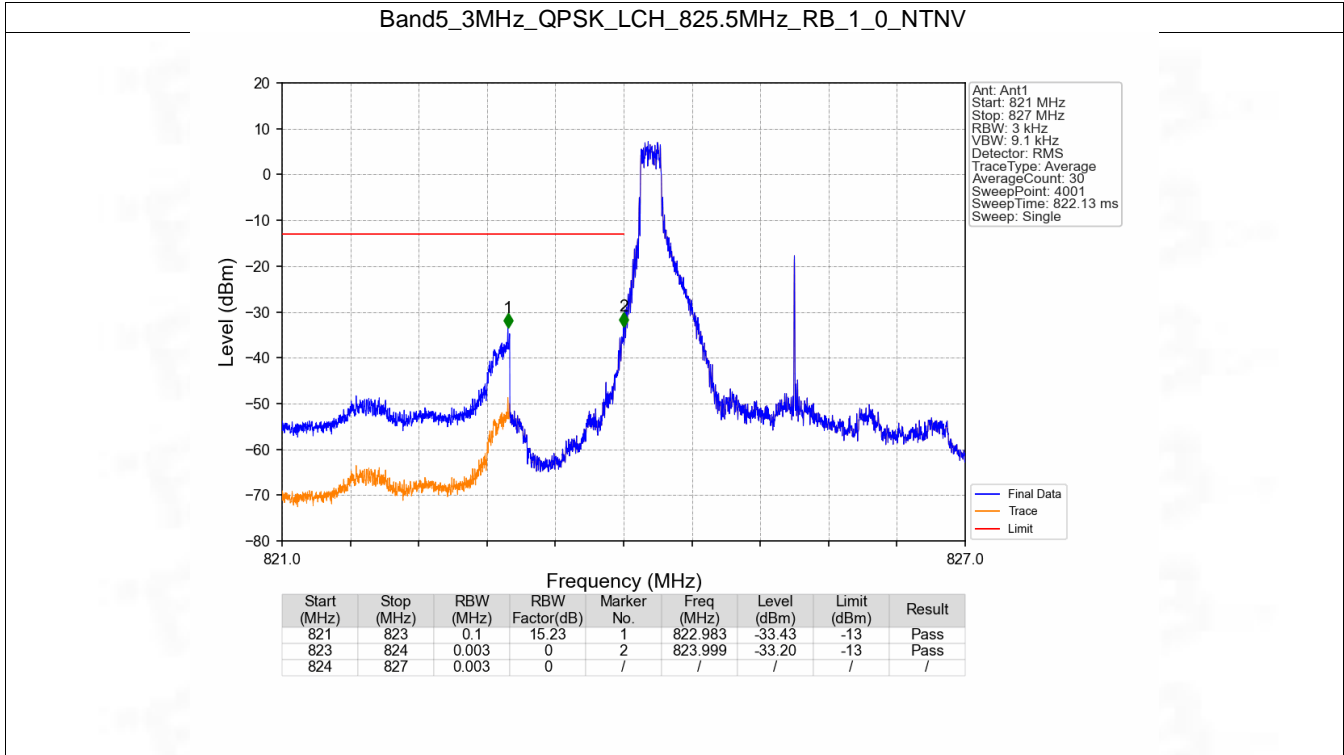
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
847.5	849	0.013	0	/	/	/	/	/
849	850	0.013	0	1	849.000	-38.84	-13	Pass
850	850.5	0.1	8.86	2	850.014	-39.33	-13	Pass

6.2 B5_3MHz

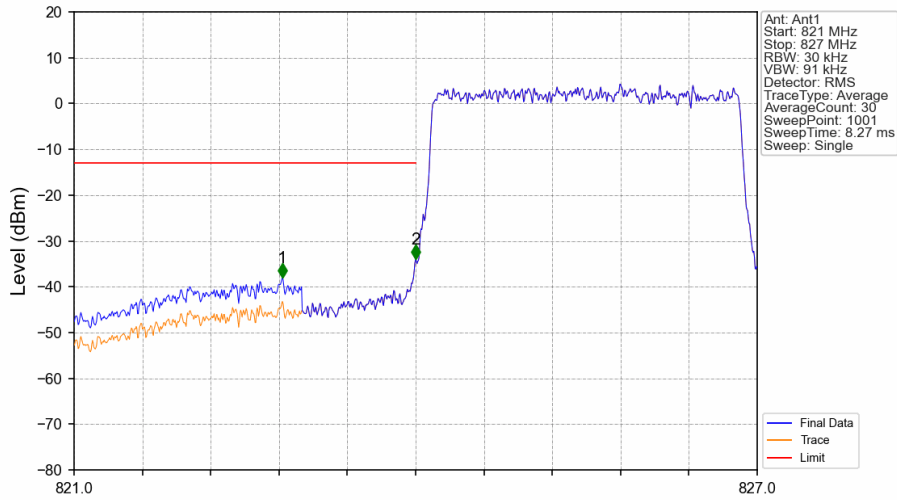
6.2.1 Test Result

Band: 5 / Bandwidth: 3MHz / NTN						
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
	847.5	1	0	Refer To Test Graph		Pass
		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
	847.5	1	0	Refer To Test Graph		Pass
		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



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor (dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	5.23	1	822.830	-37.97	-13	Pass
823	824	0.03	0	2	824.000	-34.00	-13	Pass
824	827	0.03	0	/	/	/	/	/

Band5_3MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV

