

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	23.21	0.88	21.94	<=38.45	Pass		
			2	23.18	0.88	21.91	<=38.45	Pass		
			5	23.21	0.88	21.94	<=38.45	Pass		
		3	0	23.19	0.88	21.92	<=38.45	Pass		
			2	23.27	0.88	22.00	<=38.45	Pass		
			3	23.19	0.88	21.92	<=38.45	Pass		
		6	0	22.20	0.88	20.93	<=38.45	Pass		
		836.5	1	0	23.56	0.88	22.29	<=38.45	Pass	
				2	23.81	0.88	22.54	<=38.45	Pass	
	5			23.44	0.88	22.17	<=38.45	Pass		
	3		0	23.54	0.88	22.27	<=38.45	Pass		
			2	23.51	0.88	22.24	<=38.45	Pass		
			3	23.40	0.88	22.13	<=38.45	Pass		
	6		0	22.40	0.88	21.13	<=38.45	Pass		
	848.3		1	0	23.30	0.88	22.03	<=38.45	Pass	
				2	23.24	0.88	21.97	<=38.45	Pass	
		5		23.23	0.88	21.96	<=38.45	Pass		
		3	0	23.39	0.88	22.12	<=38.45	Pass		
			2	23.25	0.88	21.98	<=38.45	Pass		
			3	23.25	0.88	21.98	<=38.45	Pass		
		6	0	22.23	0.88	20.96	<=38.45	Pass		
		16QAM	824.7	1	0	22.72	0.88	21.45	<=38.45	Pass
					2	22.86	0.88	21.59	<=38.45	Pass
	5				22.69	0.88	21.42	<=38.45	Pass	
3	0			22.20	0.88	20.93	<=38.45	Pass		
	2			22.24	0.88	20.97	<=38.45	Pass		
	3			22.18	0.88	20.91	<=38.45	Pass		
6	0			21.18	0.88	19.91	<=38.45	Pass		
836.5	1			0	22.49	0.88	21.22	<=38.45	Pass	
				2	22.64	0.88	21.37	<=38.45	Pass	
			5	22.74	0.88	21.47	<=38.45	Pass		
	3		0	22.46	0.88	21.19	<=38.45	Pass		
			2	22.28	0.88	21.01	<=38.45	Pass		
			3	22.49	0.88	21.22	<=38.45	Pass		
	6		0	21.28	0.88	20.01	<=38.45	Pass		
	848.3		1	0	22.73	0.88	21.46	<=38.45	Pass	
				2	22.85	0.88	21.58	<=38.45	Pass	
5				22.75	0.88	21.48	<=38.45	Pass		
3			0	22.52	0.88	21.25	<=38.45	Pass		
			2	22.32	0.88	21.05	<=38.45	Pass		
			3	22.30	0.88	21.03	<=38.45	Pass		
6			0	21.42	0.88	20.15	<=38.45	Pass		

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.2 B5_3MHz_ERP

1.2.1 Test Result

Band: 5 / Bandwidth: 3MHz / NTNV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	825.5	1	0	23.33	0.88	22.06	<=38.45	Pass		
			7	23.50	0.88	22.23	<=38.45	Pass		
			14	23.25	0.88	21.98	<=38.45	Pass		
		8	0	22.27	0.88	21.00	<=38.45	Pass		
			4	22.27	0.88	21.00	<=38.45	Pass		
			7	22.28	0.88	21.01	<=38.45	Pass		
		15	0	22.26	0.88	20.99	<=38.45	Pass		
		836.5	1	0	23.41	0.88	22.14	<=38.45	Pass	
				7	23.60	0.88	22.33	<=38.45	Pass	
	14			23.28	0.88	22.01	<=38.45	Pass		
	8		0	22.45	0.88	21.18	<=38.45	Pass		
			4	22.42	0.88	21.15	<=38.45	Pass		
			7	22.40	0.88	21.13	<=38.45	Pass		
	15		0	22.37	0.88	21.10	<=38.45	Pass		
	847.5		1	0	23.19	0.88	21.92	<=38.45	Pass	
				7	23.43	0.88	22.16	<=38.45	Pass	
		14		23.09	0.88	21.82	<=38.45	Pass		
		8	0	22.23	0.88	20.96	<=38.45	Pass		
			4	22.22	0.88	20.95	<=38.45	Pass		
			7	22.18	0.88	20.91	<=38.45	Pass		
		15	0	22.18	0.88	20.91	<=38.45	Pass		
		16QAM	825.5	1	0	22.12	0.88	20.85	<=38.45	Pass
					7	22.41	0.88	21.14	<=38.45	Pass
	14				22.05	0.88	20.78	<=38.45	Pass	
8	0			21.09	0.88	19.82	<=38.45	Pass		
	4			21.29	0.88	20.02	<=38.45	Pass		
	7			21.28	0.88	20.01	<=38.45	Pass		
15	0			21.11	0.88	19.84	<=38.45	Pass		
836.5	1			0	22.78	0.88	21.51	<=38.45	Pass	
				7	23.09	0.88	21.82	<=38.45	Pass	
			14	22.71	0.88	21.44	<=38.45	Pass		
	8		0	21.57	0.88	20.30	<=38.45	Pass		
			4	21.31	0.88	20.04	<=38.45	Pass		
			7	21.26	0.88	19.99	<=38.45	Pass		
	15		0	21.24	0.88	19.97	<=38.45	Pass		
	847.5		1	0	22.54	0.88	21.27	<=38.45	Pass	
				7	22.72	0.88	21.45	<=38.45	Pass	
14				22.48	0.88	21.21	<=38.45	Pass		
8			0	21.38	0.88	20.11	<=38.45	Pass		
			4	21.39	0.88	20.12	<=38.45	Pass		
			7	21.35	0.88	20.08	<=38.45	Pass		
15			0	21.16	0.88	19.89	<=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	23.09	0.88	21.82	<=38.45	Pass
			13	23.37	0.88	22.10	<=38.45	Pass
			24	23.04	0.88	21.77	<=38.45	Pass

16QAM	836.5	12	0	22.18	0.88	20.91	<=38.45	Pass	
			6	22.26	0.88	20.99	<=38.45	Pass	
			13	22.20	0.88	20.93	<=38.45	Pass	
		25	0	22.19	0.88	20.92	<=38.45	Pass	
			1	0	23.05	0.88	21.78	<=38.45	Pass
				13	23.30	0.88	22.03	<=38.45	Pass
		24		22.81	0.88	21.54	<=38.45	Pass	
		12	0	22.34	0.88	21.07	<=38.45	Pass	
			6	22.38	0.88	21.11	<=38.45	Pass	
	13		22.14	0.88	20.87	<=38.45	Pass		
	25	0	22.27	0.88	21.00	<=38.45	Pass		
		846.5	1	0	22.88	0.88	21.61	<=38.45	Pass
				13	23.11	0.88	21.84	<=38.45	Pass
	24			22.91	0.88	21.64	<=38.45	Pass	
	12	0	0	22.08	0.88	20.81	<=38.45	Pass	
			6	22.15	0.88	20.88	<=38.45	Pass	
			13	22.14	0.88	20.87	<=38.45	Pass	
	25	0	22.19	0.88	20.92	<=38.45	Pass		
		826.5	1	0	22.12	0.88	20.85	<=38.45	Pass
				13	22.34	0.88	21.07	<=38.45	Pass
	24			21.96	0.88	20.69	<=38.45	Pass	
	12	0	0	21.09	0.88	19.82	<=38.45	Pass	
			6	21.16	0.88	19.89	<=38.45	Pass	
			13	21.09	0.88	19.82	<=38.45	Pass	
25	0	21.11	0.88	19.84	<=38.45	Pass			
	836.5	1	0	22.64	0.88	21.37	<=38.45	Pass	
			13	22.82	0.88	21.55	<=38.45	Pass	
24			22.51	0.88	21.24	<=38.45	Pass		
12	0	0	21.15	0.88	19.88	<=38.45	Pass		
		6	21.33	0.88	20.06	<=38.45	Pass		
		13	21.04	0.88	19.77	<=38.45	Pass		
25	0	21.17	0.88	19.90	<=38.45	Pass			
	846.5	1	0	21.47	0.88	20.20	<=38.45	Pass	
			13	21.87	0.88	20.60	<=38.45	Pass	
24			21.47	0.88	20.20	<=38.45	Pass		
12	0	0	21.10	0.88	19.83	<=38.45	Pass		
		6	21.15	0.88	19.88	<=38.45	Pass		
		13	21.06	0.88	19.79	<=38.45	Pass		
25	0	21.15	0.88	19.88	<=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	23.26	0.88	21.99	<=38.45	Pass	
			25	23.59	0.88	22.32	<=38.45	Pass	
			49	23.17	0.88	21.90	<=38.45	Pass	
		25	0	22.17	0.88	20.90	<=38.45	Pass	
			13	22.24	0.88	20.97	<=38.45	Pass	
			25	22.19	0.88	20.92	<=38.45	Pass	
	50	0	22.19	0.88	20.92	<=38.45	Pass		
		836.5	1	0	23.20	0.88	21.93	<=38.45	Pass
				25	23.83	0.88	22.56	<=38.45	Pass

16QAM	844	25	49	23.20	0.88	21.93	<=38.45	Pass	
			0	22.29	0.88	21.02	<=38.45	Pass	
			13	22.29	0.88	21.02	<=38.45	Pass	
			25	22.29	0.88	21.02	<=38.45	Pass	
		50	0	22.30	0.88	21.03	<=38.45	Pass	
			1	0	23.33	0.88	22.06	<=38.45	Pass
				25	23.39	0.88	22.12	<=38.45	Pass
				49	23.09	0.88	21.82	<=38.45	Pass
		25	0	22.35	0.88	21.08	<=38.45	Pass	
			13	22.22	0.88	20.95	<=38.45	Pass	
			25	22.18	0.88	20.91	<=38.45	Pass	
			50	0	22.33	0.88	21.06	<=38.45	Pass
	829	1	0	22.07	0.88	20.80	<=38.45	Pass	
			25	22.34	0.88	21.07	<=38.45	Pass	
			49	21.97	0.88	20.70	<=38.45	Pass	
			25	0	21.32	0.88	20.05	<=38.45	Pass
		13		21.39	0.88	20.12	<=38.45	Pass	
		25		21.29	0.88	20.02	<=38.45	Pass	
		50	0	21.20	0.88	19.93	<=38.45	Pass	
			1	0	22.71	0.88	21.44	<=38.45	Pass
				25	23.07	0.88	21.80	<=38.45	Pass
				49	22.89	0.88	21.62	<=38.45	Pass
		25	0	21.48	0.88	20.21	<=38.45	Pass	
			13	21.56	0.88	20.29	<=38.45	Pass	
25	21.40		0.88	20.13	<=38.45	Pass			
50	0		21.41	0.88	20.14	<=38.45	Pass		
844	1	0	22.95	0.88	21.68	<=38.45	Pass		
		25	23.32	0.88	22.05	<=38.45	Pass		
		49	22.02	0.88	20.75	<=38.45	Pass		
		25	0	21.39	0.88	20.12	<=38.45	Pass	
	13		21.34	0.88	20.07	<=38.45	Pass		
	25		21.16	0.88	19.89	<=38.45	Pass		
	50	0	21.25	0.88	19.98	<=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	13.461	0.0163	-2.5 to 2.5	Pass	
					3.85	9.727	0.0118	-2.5 to 2.5	Pass	
					4.43	7.138	0.0087	-2.5 to 2.5	Pass	
				-30	3.85	3.977	0.0048	-2.5 to 2.5	Pass	
					-20	3.85	1.659	0.0020	-2.5 to 2.5	Pass
						-10	3.85	0.486	0.0006	-2.5 to 2.5
					0	3.85	0.200	0.0002	-2.5 to 2.5	Pass
					10	3.85	0.472	0.0006	-2.5 to 2.5	Pass
					30	3.85	-0.958	-0.0012	-2.5 to 2.5	Pass
					40	3.85	-1.302	-0.0016	-2.5 to 2.5	Pass
				50	3.85	-2.003	-0.0024	-2.5 to 2.5	Pass	
				836.5	6	0	20	3.27	-11.287	-0.0135

					3.85	-12.546	-0.0150	-2.5 to 2.5	Pass		
					4.43	-11.888	-0.0142	-2.5 to 2.5	Pass		
					-30	3.85	-9.327	-0.0112	-2.5 to 2.5	Pass	
					-20	3.85	-8.769	-0.0105	-2.5 to 2.5	Pass	
					-10	3.85	-6.194	-0.0074	-2.5 to 2.5	Pass	
					0	3.85	-5.035	-0.0060	-2.5 to 2.5	Pass	
					10	3.85	-2.933	-0.0035	-2.5 to 2.5	Pass	
					30	3.85	-3.262	-0.0039	-2.5 to 2.5	Pass	
					40	3.85	-2.475	-0.0030	-2.5 to 2.5	Pass	
	50	3.85	-2.747	-0.0033	-2.5 to 2.5	Pass					
	848.3	6	0			20	3.27	5.336	0.0063	-2.5 to 2.5	Pass
							3.85	9.985	0.0118	-2.5 to 2.5	Pass
							4.43	12.102	0.0143	-2.5 to 2.5	Pass
						-30	3.85	16.580	0.0195	-2.5 to 2.5	Pass
						-20	3.85	17.195	0.0203	-2.5 to 2.5	Pass
						-10	3.85	14.920	0.0176	-2.5 to 2.5	Pass
						0	3.85	-4.463	-0.0053	-2.5 to 2.5	Pass
						10	3.85	-3.619	-0.0043	-2.5 to 2.5	Pass
30						3.85	-3.920	-0.0046	-2.5 to 2.5	Pass	
40	3.85	-6.394	-0.0075	-2.5 to 2.5	Pass						
50	3.85	-6.781	-0.0080	-2.5 to 2.5	Pass						
16QAM	824.7	6	0		20	3.27	-0.701	-0.0009	-2.5 to 2.5	Pass	
						3.85	-0.329	-0.0004	-2.5 to 2.5	Pass	
						4.43	0.243	0.0003	-2.5 to 2.5	Pass	
					-30	3.85	0.029	0.0000	-2.5 to 2.5	Pass	
					-20	3.85	0.186	0.0002	-2.5 to 2.5	Pass	
					-10	3.85	-0.772	-0.0009	-2.5 to 2.5	Pass	
					0	3.85	0.200	0.0002	-2.5 to 2.5	Pass	
					10	3.85	-0.815	-0.0010	-2.5 to 2.5	Pass	
					30	3.85	-0.257	-0.0003	-2.5 to 2.5	Pass	
	40	3.85	-0.043	-0.0001	-2.5 to 2.5	Pass					
	50	3.85	-0.572	-0.0007	-2.5 to 2.5	Pass					
	836.5	6	0			20	3.27	-2.160	-0.0026	-2.5 to 2.5	Pass
							3.85	-0.987	-0.0012	-2.5 to 2.5	Pass
							4.43	-1.960	-0.0023	-2.5 to 2.5	Pass
						-30	3.85	-1.230	-0.0015	-2.5 to 2.5	Pass
						-20	3.85	-1.774	-0.0021	-2.5 to 2.5	Pass
						-10	3.85	-0.715	-0.0009	-2.5 to 2.5	Pass
						0	3.85	-0.544	-0.0007	-2.5 to 2.5	Pass
10						3.85	-0.658	-0.0008	-2.5 to 2.5	Pass	
30						3.85	-0.672	-0.0008	-2.5 to 2.5	Pass	
40	3.85	-1.030	-0.0012	-2.5 to 2.5	Pass						
50	3.85	-0.544	-0.0007	-2.5 to 2.5	Pass						
848.3	6	0			20	3.27	-10.185	-0.0120	-2.5 to 2.5	Pass	
						3.85	-8.698	-0.0103	-2.5 to 2.5	Pass	
						4.43	12.832	0.0151	-2.5 to 2.5	Pass	
					-30	3.85	15.135	0.0178	-2.5 to 2.5	Pass	
					-20	3.85	15.907	0.0188	-2.5 to 2.5	Pass	
					-10	3.85	14.062	0.0166	-2.5 to 2.5	Pass	
					0	3.85	12.431	0.0147	-2.5 to 2.5	Pass	
					10	3.85	9.370	0.0110	-2.5 to 2.5	Pass	
					30	3.85	6.509	0.0077	-2.5 to 2.5	Pass	
40	3.85	3.691	0.0044	-2.5 to 2.5	Pass						
50	3.85	1.702	0.0020	-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	3.490	0.0042	-2.5 to 2.5	Pass
					3.85	2.704	0.0033	-2.5 to 2.5	Pass
					4.43	2.031	0.0025	-2.5 to 2.5	Pass
				-30	3.85	2.103	0.0025	-2.5 to 2.5	Pass
				-20	3.85	1.817	0.0022	-2.5 to 2.5	Pass
				-10	3.85	2.017	0.0024	-2.5 to 2.5	Pass
				0	3.85	2.217	0.0027	-2.5 to 2.5	Pass
				10	3.85	2.217	0.0027	-2.5 to 2.5	Pass
				30	3.85	1.845	0.0022	-2.5 to 2.5	Pass
				40	3.85	1.073	0.0013	-2.5 to 2.5	Pass
	50	3.85	1.030	0.0012	-2.5 to 2.5	Pass			
	836.5	15	0	20	3.27	2.875	0.0034	-2.5 to 2.5	Pass
					3.85	2.131	0.0025	-2.5 to 2.5	Pass
					4.43	2.246	0.0027	-2.5 to 2.5	Pass
				-30	3.85	3.562	0.0043	-2.5 to 2.5	Pass
				-20	3.85	2.933	0.0035	-2.5 to 2.5	Pass
				-10	3.85	2.918	0.0035	-2.5 to 2.5	Pass
				0	3.85	1.702	0.0020	-2.5 to 2.5	Pass
				10	3.85	1.531	0.0018	-2.5 to 2.5	Pass
				30	3.85	2.389	0.0029	-2.5 to 2.5	Pass
				40	3.85	2.489	0.0030	-2.5 to 2.5	Pass
	50	3.85	0.515	0.0006	-2.5 to 2.5	Pass			
	847.5	15	0	20	3.27	1.001	0.0012	-2.5 to 2.5	Pass
					3.85	2.160	0.0025	-2.5 to 2.5	Pass
					4.43	1.516	0.0018	-2.5 to 2.5	Pass
				-30	3.85	1.445	0.0017	-2.5 to 2.5	Pass
				-20	3.85	1.945	0.0023	-2.5 to 2.5	Pass
				-10	3.85	1.330	0.0016	-2.5 to 2.5	Pass
				0	3.85	1.359	0.0016	-2.5 to 2.5	Pass
				10	3.85	1.187	0.0014	-2.5 to 2.5	Pass
30				3.85	1.016	0.0012	-2.5 to 2.5	Pass	
40				3.85	0.587	0.0007	-2.5 to 2.5	Pass	
50	3.85	0.916	0.0011	-2.5 to 2.5	Pass				
16QAM	825.5	15	0	20	3.27	1.845	0.0022	-2.5 to 2.5	Pass
					3.85	2.031	0.0025	-2.5 to 2.5	Pass
					4.43	1.588	0.0019	-2.5 to 2.5	Pass
				-30	3.85	1.245	0.0015	-2.5 to 2.5	Pass
				-20	3.85	1.101	0.0013	-2.5 to 2.5	Pass
				-10	3.85	2.589	0.0031	-2.5 to 2.5	Pass
				0	3.85	1.602	0.0019	-2.5 to 2.5	Pass
				10	3.85	1.988	0.0024	-2.5 to 2.5	Pass
				30	3.85	0.987	0.0012	-2.5 to 2.5	Pass
				40	3.85	2.103	0.0025	-2.5 to 2.5	Pass
	50	3.85	1.631	0.0020	-2.5 to 2.5	Pass			
	836.5	15	0	20	3.27	1.545	0.0018	-2.5 to 2.5	Pass
					3.85	1.316	0.0016	-2.5 to 2.5	Pass
					4.43	3.161	0.0038	-2.5 to 2.5	Pass
				-30	3.85	1.330	0.0016	-2.5 to 2.5	Pass
				-20	3.85	1.516	0.0018	-2.5 to 2.5	Pass
				-10	3.85	0.515	0.0006	-2.5 to 2.5	Pass
				0	3.85	1.760	0.0021	-2.5 to 2.5	Pass
				10	3.85	0.687	0.0008	-2.5 to 2.5	Pass
				30	3.85	1.888	0.0023	-2.5 to 2.5	Pass
40				3.85	1.631	0.0019	-2.5 to 2.5	Pass	

	847.5	15	0	50	3.85	1.774	0.0021	-2.5 to 2.5	Pass
				20	3.27	0.014	0.0000	-2.5 to 2.5	Pass
					3.85	1.445	0.0017	-2.5 to 2.5	Pass
					4.43	1.345	0.0016	-2.5 to 2.5	Pass
				-30	3.85	0.458	0.0005	-2.5 to 2.5	Pass
				-20	3.85	0.787	0.0009	-2.5 to 2.5	Pass
				-10	3.85	1.659	0.0020	-2.5 to 2.5	Pass
				0	3.85	0.386	0.0005	-2.5 to 2.5	Pass
				10	3.85	1.073	0.0013	-2.5 to 2.5	Pass
				30	3.85	1.101	0.0013	-2.5 to 2.5	Pass
				40	3.85	0.343	0.0004	-2.5 to 2.5	Pass
				50	3.85	1.044	0.0012	-2.5 to 2.5	Pass

2.3 B5_5MHz

2.3.1 Test Result

Band: 5 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	826.5	25	0	20	3.27	-1.202	-0.0015	-2.5 to 2.5	Pass
					3.85	-0.844	-0.0010	-2.5 to 2.5	Pass
					4.43	-0.429	-0.0005	-2.5 to 2.5	Pass
				-30	3.85	-0.772	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	-0.029	0.0000	-2.5 to 2.5	Pass
				-10	3.85	-0.100	-0.0001	-2.5 to 2.5	Pass
				0	3.85	-1.187	-0.0014	-2.5 to 2.5	Pass
				10	3.85	-1.259	-0.0015	-2.5 to 2.5	Pass
				30	3.85	-1.259	-0.0015	-2.5 to 2.5	Pass
				40	3.85	-1.073	-0.0013	-2.5 to 2.5	Pass
				50	3.85	-0.658	-0.0008	-2.5 to 2.5	Pass
				836.5	25	0	20	3.27	0.086
	3.85	-0.157	-0.0002					-2.5 to 2.5	Pass
	4.43	0.172	0.0002					-2.5 to 2.5	Pass
	-30	3.85	0.300				0.0004	-2.5 to 2.5	Pass
	-20	3.85	-0.887				-0.0011	-2.5 to 2.5	Pass
	-10	3.85	0.572				0.0007	-2.5 to 2.5	Pass
	0	3.85	0.215				0.0003	-2.5 to 2.5	Pass
	10	3.85	0.315				0.0004	-2.5 to 2.5	Pass
	30	3.85	0.000				0.0000	-2.5 to 2.5	Pass
	40	3.85	0.629				0.0008	-2.5 to 2.5	Pass
	50	3.85	-0.529				-0.0006	-2.5 to 2.5	Pass
	846.5	25	0				20	3.27	2.704
				3.85	2.275	0.0027		-2.5 to 2.5	Pass
				4.43	1.631	0.0019		-2.5 to 2.5	Pass
				-30	3.85	1.545	0.0018	-2.5 to 2.5	Pass
				-20	3.85	1.402	0.0017	-2.5 to 2.5	Pass
				-10	3.85	2.017	0.0024	-2.5 to 2.5	Pass
				0	3.85	2.189	0.0026	-2.5 to 2.5	Pass
				10	3.85	1.302	0.0015	-2.5 to 2.5	Pass
30				3.85	1.559	0.0018	-2.5 to 2.5	Pass	
40				3.85	1.817	0.0021	-2.5 to 2.5	Pass	
50				3.85	1.273	0.0015	-2.5 to 2.5	Pass	
16QAM				826.5	25	0	20	3.27	-0.830
	3.85	-1.044	-0.0013					-2.5 to 2.5	Pass
	4.43	-1.345	-0.0016					-2.5 to 2.5	Pass
	-30	3.85	-1.001				-0.0012	-2.5 to 2.5	Pass

	836.5	25	0	-20	3.85	-0.715	-0.0009	-2.5 to 2.5	Pass			
				-10	3.85	-1.559	-0.0019	-2.5 to 2.5	Pass			
				0	3.85	-0.315	-0.0004	-2.5 to 2.5	Pass			
				10	3.85	-0.272	-0.0003	-2.5 to 2.5	Pass			
				30	3.85	-0.272	-0.0003	-2.5 to 2.5	Pass			
				40	3.85	-1.116	-0.0014	-2.5 to 2.5	Pass			
				50	3.85	-0.572	-0.0007	-2.5 to 2.5	Pass			
	846.5	25	0	20	3.27	1.345	0.0016	-2.5 to 2.5	Pass			
					3.85	0.086	0.0001	-2.5 to 2.5	Pass			
					4.43	0.272	0.0003	-2.5 to 2.5	Pass			
				-30	3.85	0.372	0.0004	-2.5 to 2.5	Pass			
				-20	3.85	1.516	0.0018	-2.5 to 2.5	Pass			
				-10	3.85	0.644	0.0008	-2.5 to 2.5	Pass			
				0	3.85	0.029	0.0000	-2.5 to 2.5	Pass			
				10	3.85	0.644	0.0008	-2.5 to 2.5	Pass			
				30	3.85	1.059	0.0013	-2.5 to 2.5	Pass			
				40	3.85	0.544	0.0007	-2.5 to 2.5	Pass			
				50	3.85	0.887	0.0011	-2.5 to 2.5	Pass			
				846.5	25	0	20	3.27	0.157	0.0002	-2.5 to 2.5	Pass
								3.85	-0.072	-0.0001	-2.5 to 2.5	Pass
								4.43	0.687	0.0008	-2.5 to 2.5	Pass
	-30	3.85	0.000				0.0000	-2.5 to 2.5	Pass			
	-20	3.85	0.029				0.0000	-2.5 to 2.5	Pass			
	-10	3.85	0.300				0.0004	-2.5 to 2.5	Pass			
	0	3.85	0.358				0.0004	-2.5 to 2.5	Pass			
	10	3.85	-0.443				-0.0005	-2.5 to 2.5	Pass			
	30	3.85	0.129				0.0002	-2.5 to 2.5	Pass			
	40	3.85	0.529				0.0006	-2.5 to 2.5	Pass			
50	3.85	0.501	0.0006				-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	0.443	0.0005	-2.5 to 2.5	Pass			
					3.85	0.415	0.0005	-2.5 to 2.5	Pass			
					4.43	-0.072	-0.0001	-2.5 to 2.5	Pass			
				-30	3.85	0.200	0.0002	-2.5 to 2.5	Pass			
				-20	3.85	0.243	0.0003	-2.5 to 2.5	Pass			
				-10	3.85	-0.429	-0.0005	-2.5 to 2.5	Pass			
				0	3.85	0.029	0.0000	-2.5 to 2.5	Pass			
				10	3.85	-0.515	-0.0006	-2.5 to 2.5	Pass			
				30	3.85	-0.272	-0.0003	-2.5 to 2.5	Pass			
				40	3.85	-0.086	-0.0001	-2.5 to 2.5	Pass			
				50	3.85	1.030	0.0012	-2.5 to 2.5	Pass			
				836.5	50	0	20	3.27	0.129	0.0002	-2.5 to 2.5	Pass
								3.85	0.901	0.0011	-2.5 to 2.5	Pass
								4.43	0.658	0.0008	-2.5 to 2.5	Pass
	-30	3.85	0.544				0.0007	-2.5 to 2.5	Pass			
	-20	3.85	0.587				0.0007	-2.5 to 2.5	Pass			
	-10	3.85	0.472				0.0006	-2.5 to 2.5	Pass			
	0	3.85	0.129				0.0002	-2.5 to 2.5	Pass			
	10	3.85	0.443				0.0005	-2.5 to 2.5	Pass			
	30	3.85	1.173	0.0014	-2.5 to 2.5	Pass						

	844	50	0	40	3.85	0.014	0.0000	-2.5 to 2.5	Pass				
				50	3.85	0.358	0.0004	-2.5 to 2.5	Pass				
				20	3.27	0.958	0.0011	-2.5 to 2.5	Pass				
					3.85	0.572	0.0007	-2.5 to 2.5	Pass				
					4.43	0.501	0.0006	-2.5 to 2.5	Pass				
				-30	3.85	0.057	0.0001	-2.5 to 2.5	Pass				
				-20	3.85	0.830	0.0010	-2.5 to 2.5	Pass				
				-10	3.85	0.629	0.0007	-2.5 to 2.5	Pass				
				0	3.85	-0.486	-0.0006	-2.5 to 2.5	Pass				
				10	3.85	0.443	0.0005	-2.5 to 2.5	Pass				
				30	3.85	0.730	0.0009	-2.5 to 2.5	Pass				
				40	3.85	-0.229	-0.0003	-2.5 to 2.5	Pass				
				50	3.85	0.014	0.0000	-2.5 to 2.5	Pass				
				16QAM	829	50	0	20	3.27	-0.329	-0.0004	-2.5 to 2.5	Pass
									3.85	-0.286	-0.0003	-2.5 to 2.5	Pass
4.43	-0.086	-0.0001	-2.5 to 2.5						Pass				
-30	3.85	0.072	0.0001					-2.5 to 2.5	Pass				
-20	3.85	0.443	0.0005					-2.5 to 2.5	Pass				
-10	3.85	-0.901	-0.0011					-2.5 to 2.5	Pass				
0	3.85	0.029	0.0000					-2.5 to 2.5	Pass				
10	3.85	0.143	0.0002					-2.5 to 2.5	Pass				
30	3.85	-0.715	-0.0009					-2.5 to 2.5	Pass				
40	3.85	-0.372	-0.0004					-2.5 to 2.5	Pass				
50	3.85	-0.701	-0.0008					-2.5 to 2.5	Pass				
836.5	50	0	20					3.27	-0.215	-0.0003	-2.5 to 2.5	Pass	
								3.85	0.458	0.0005	-2.5 to 2.5	Pass	
								4.43	0.629	0.0008	-2.5 to 2.5	Pass	
			-30					3.85	0.243	0.0003	-2.5 to 2.5	Pass	
			-20		3.85	1.144	0.0014	-2.5 to 2.5	Pass				
			-10		3.85	0.601	0.0007	-2.5 to 2.5	Pass				
			0		3.85	0.129	0.0002	-2.5 to 2.5	Pass				
			10		3.85	-0.243	-0.0003	-2.5 to 2.5	Pass				
			30		3.85	-0.129	-0.0002	-2.5 to 2.5	Pass				
			40		3.85	0.558	0.0007	-2.5 to 2.5	Pass				
			50		3.85	0.615	0.0007	-2.5 to 2.5	Pass				
			844		50	0	20	3.27	0.386	0.0005	-2.5 to 2.5	Pass	
								3.85	-0.157	-0.0002	-2.5 to 2.5	Pass	
								4.43	-0.029	0.0000	-2.5 to 2.5	Pass	
							-30	3.85	-0.186	-0.0002	-2.5 to 2.5	Pass	
-20	3.85	0.472					0.0006	-2.5 to 2.5	Pass				
-10	3.85	0.443					0.0005	-2.5 to 2.5	Pass				
0	3.85	-0.215					-0.0003	-2.5 to 2.5	Pass				
10	3.85	0.157					0.0002	-2.5 to 2.5	Pass				
30	3.85	0.672		0.0008			-2.5 to 2.5	Pass					
40	3.85	0.286		0.0003			-2.5 to 2.5	Pass					
50	3.85	0.200		0.0002			-2.5 to 2.5	Pass					

3. Modulation Characteristics

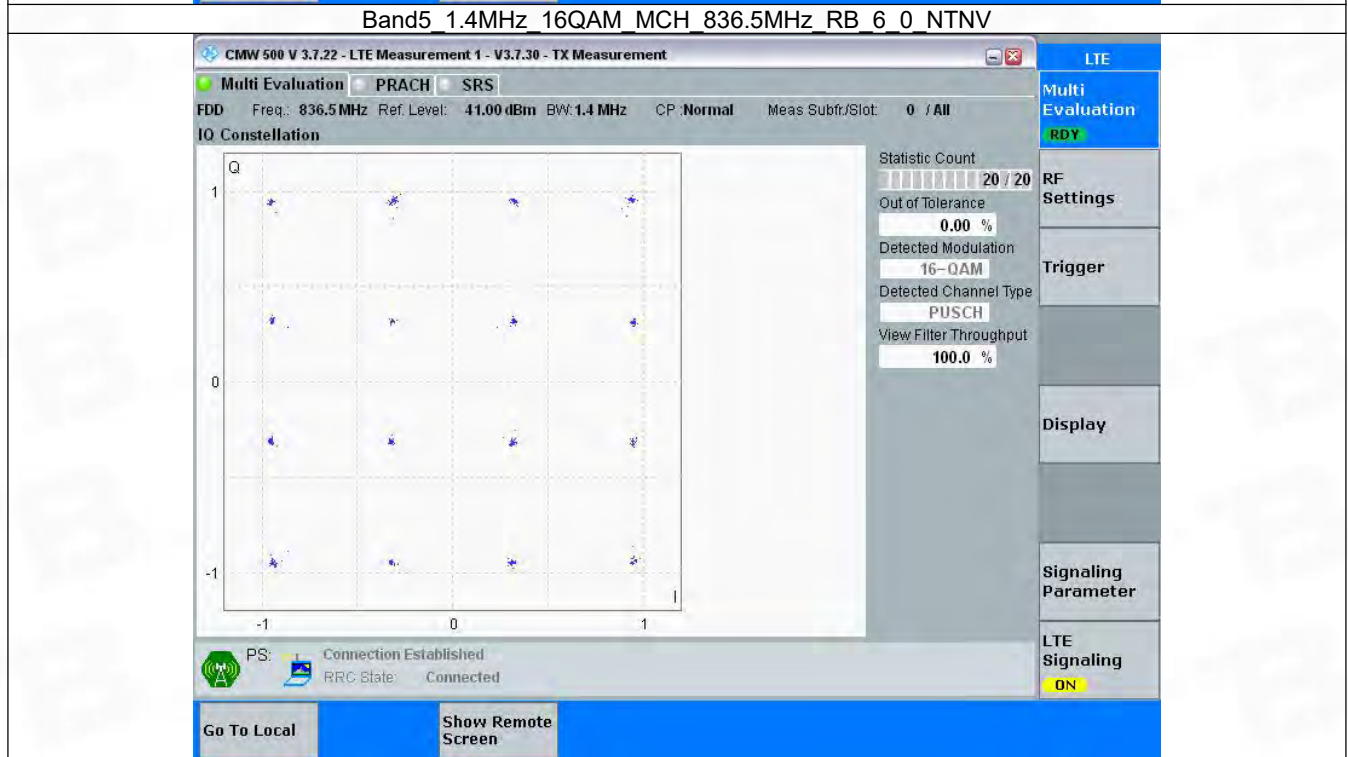
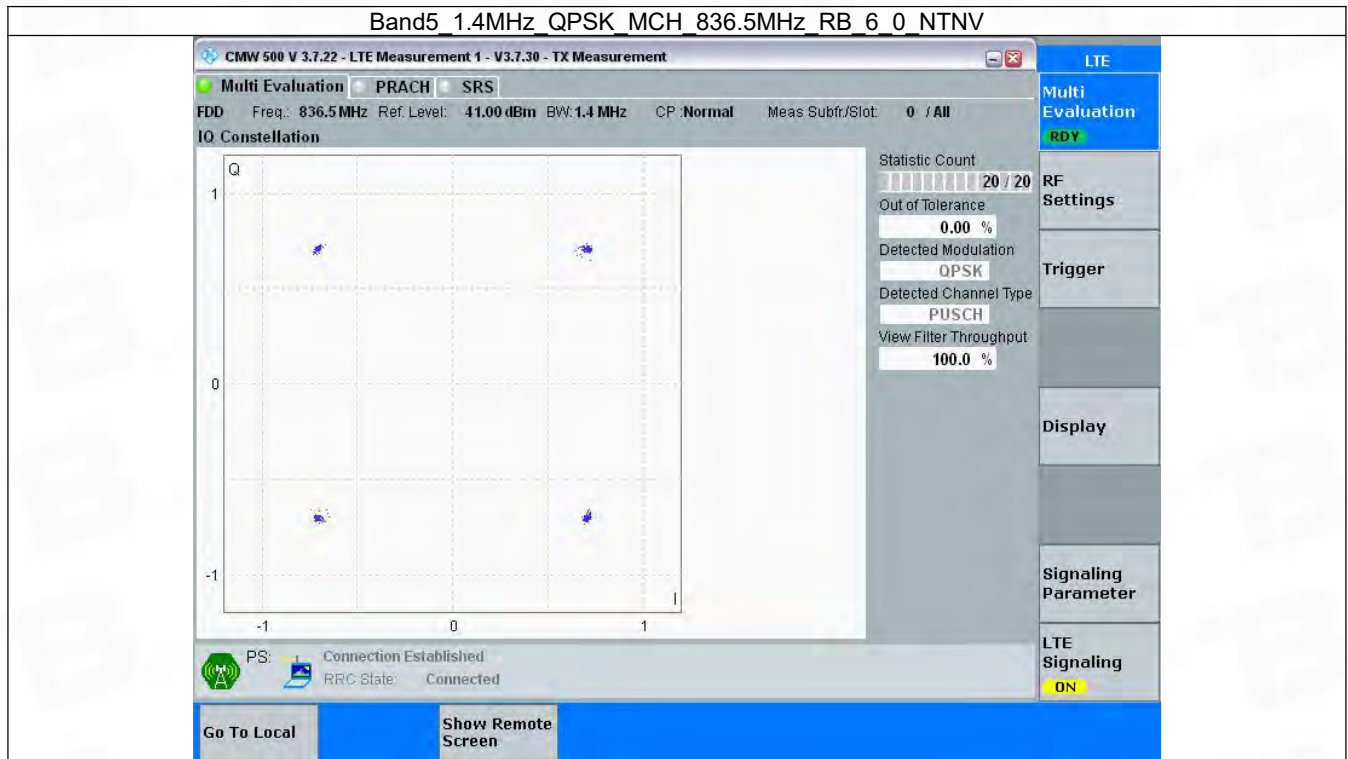
3.1 B5_1.4MHz

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

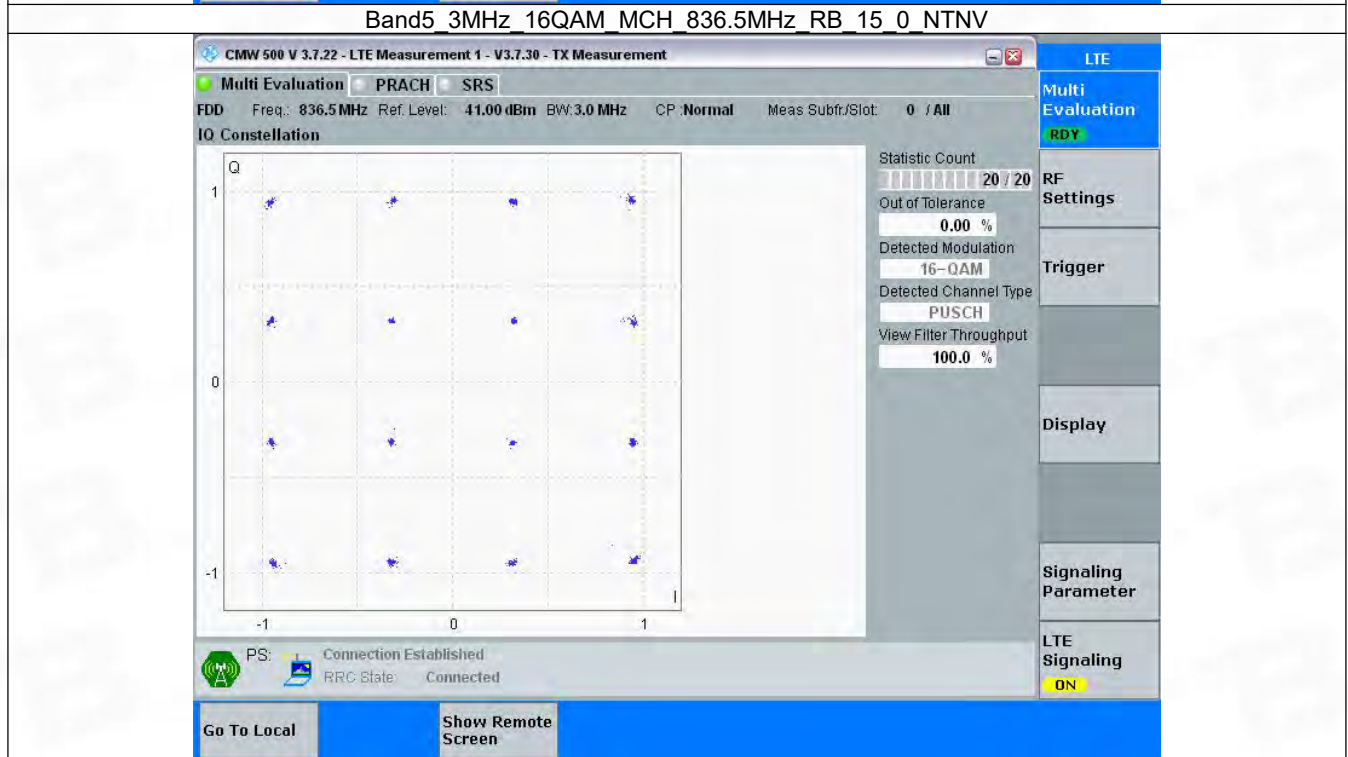
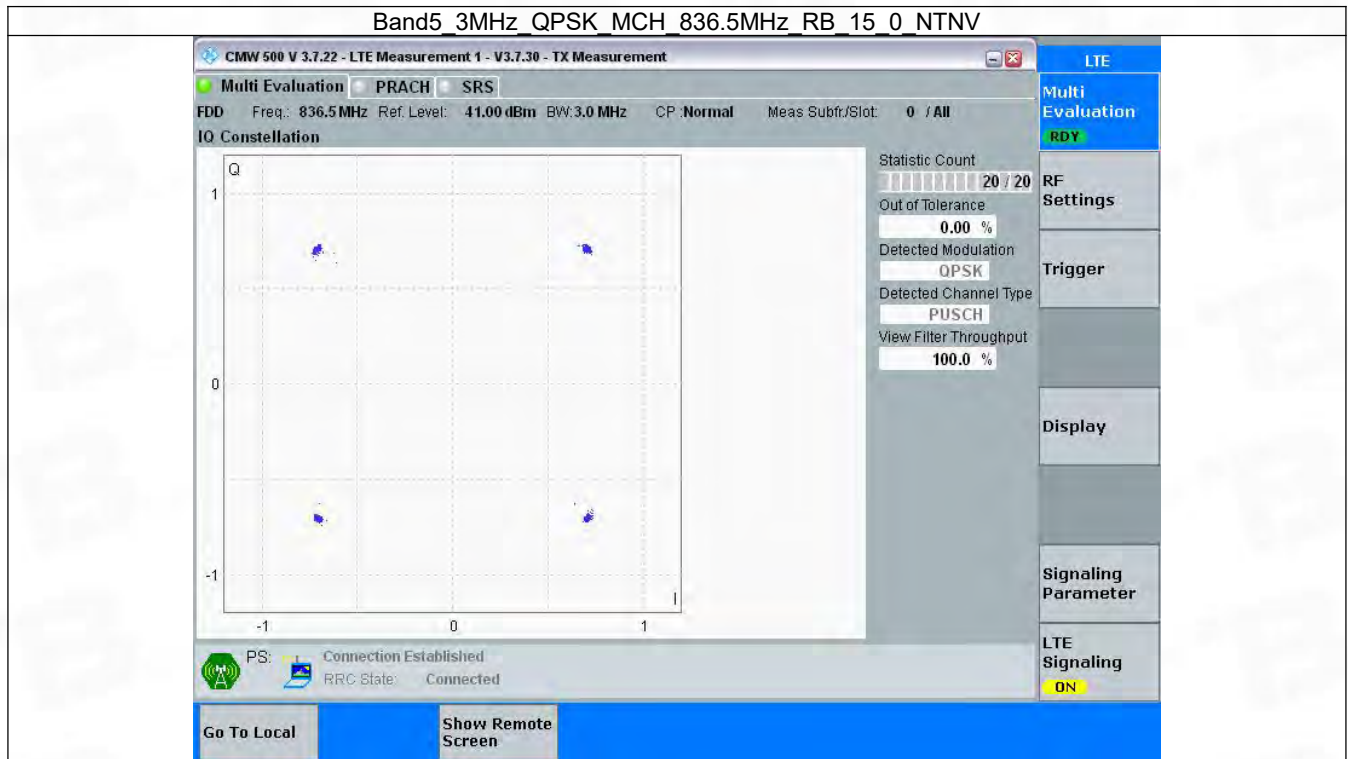


3.2 B5_3MHz

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

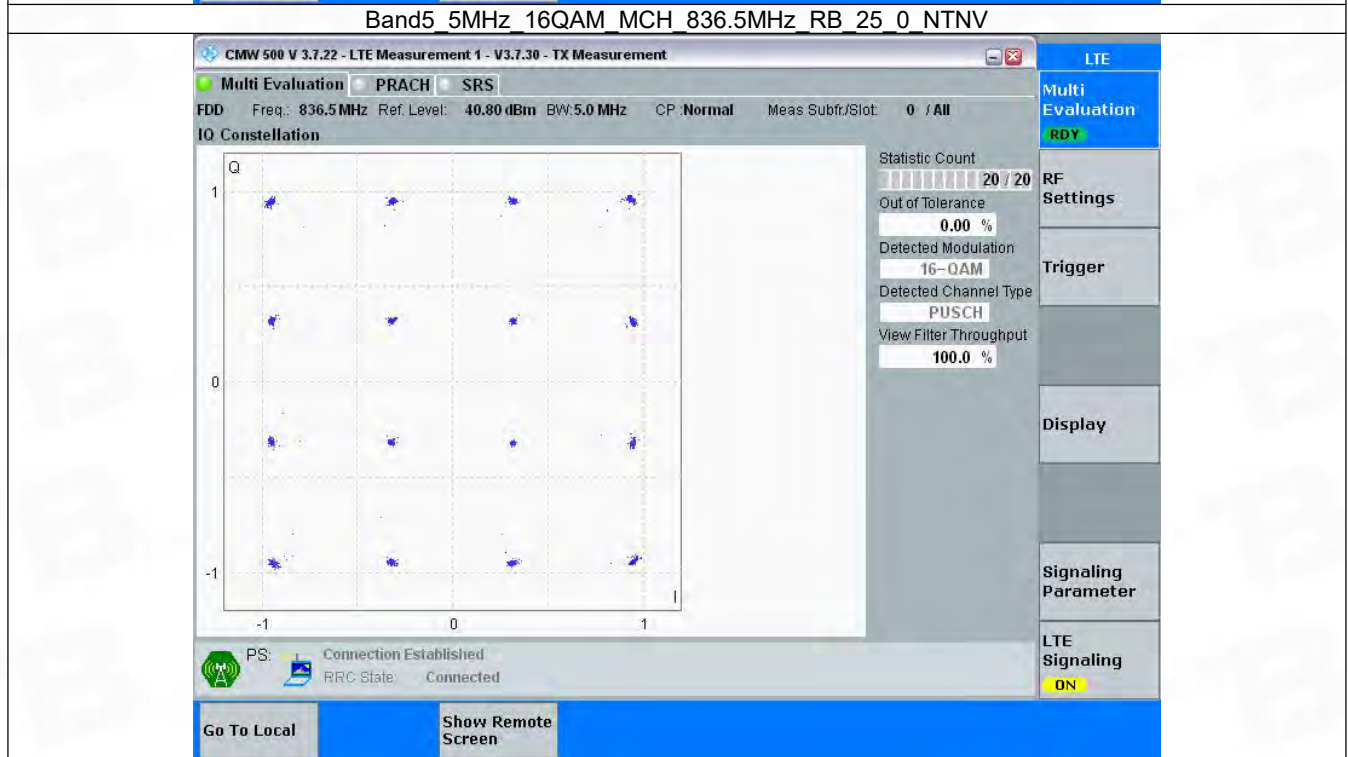
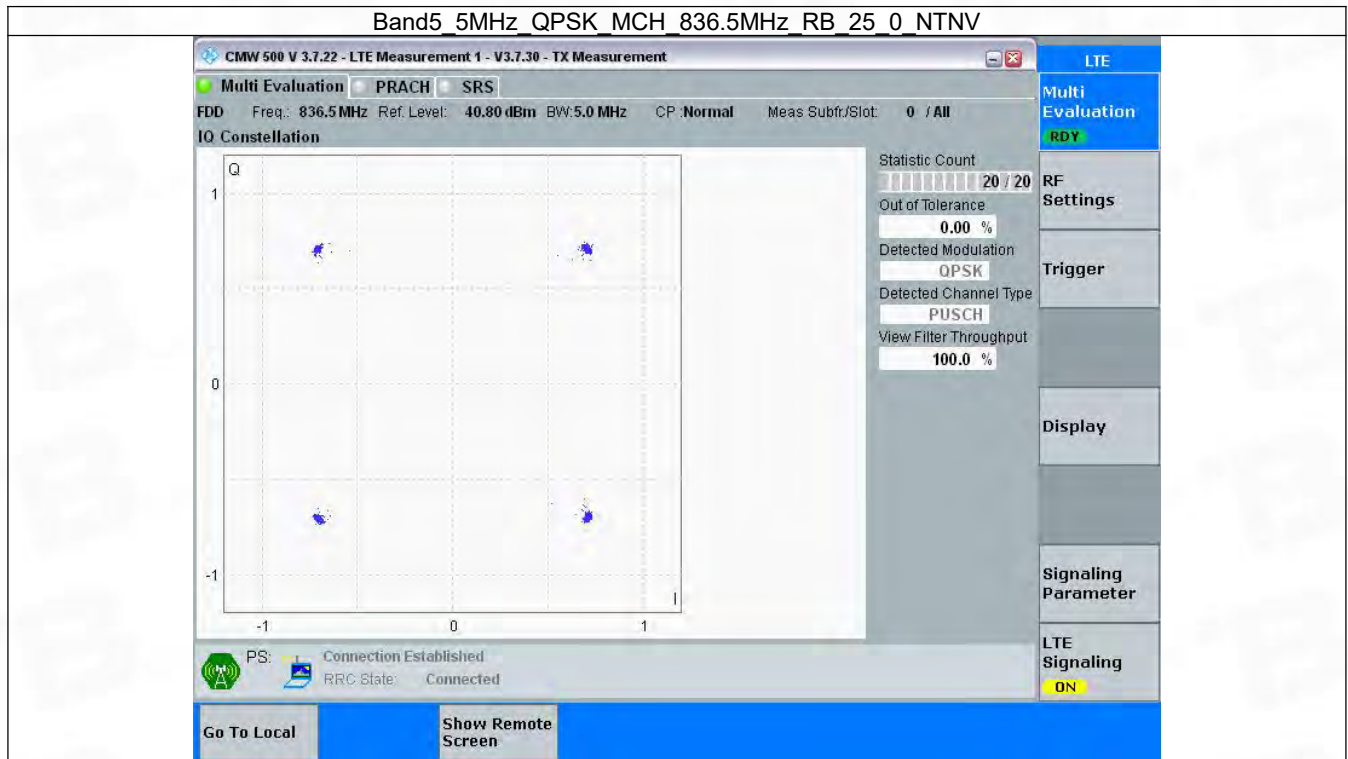


3.3 B5_5MHz

3.3.1 Test Result

Band: 5 / Bandwidth: 5MHz / NTN						
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

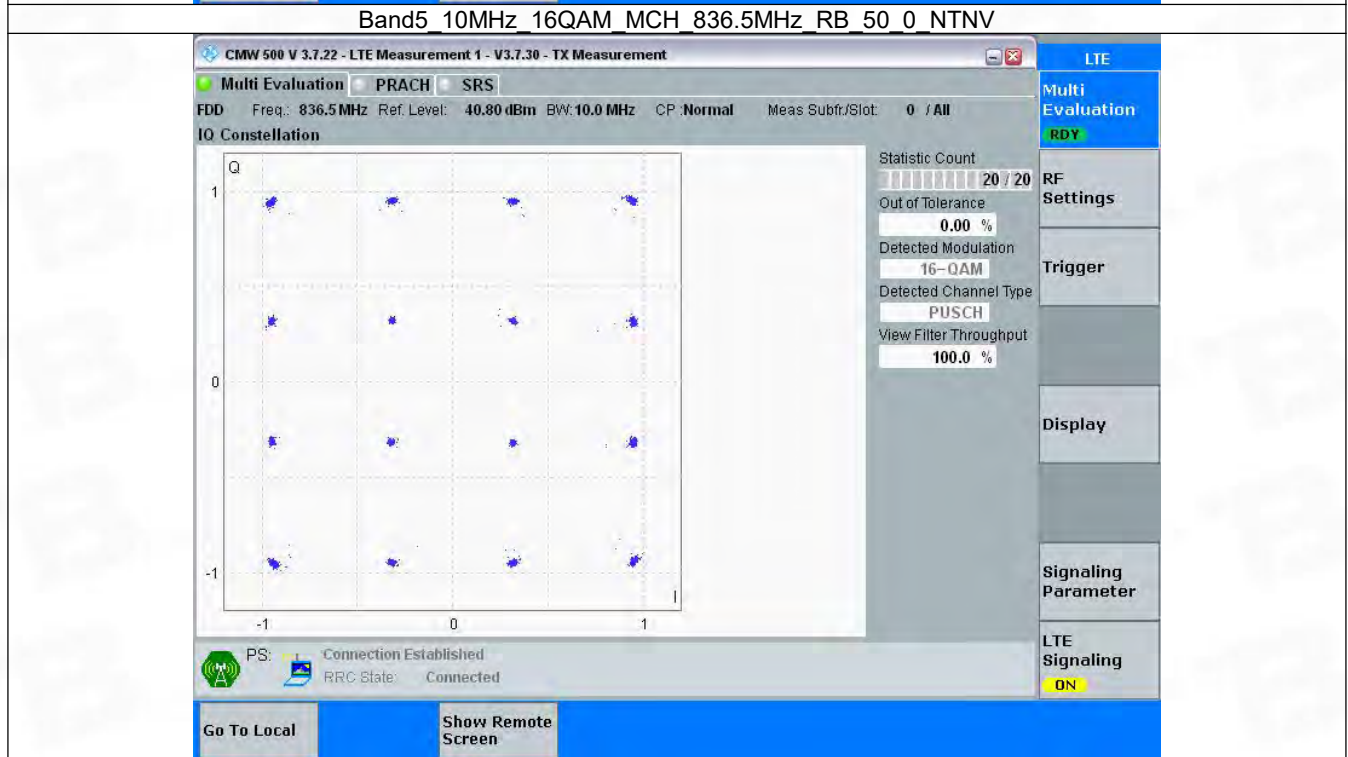
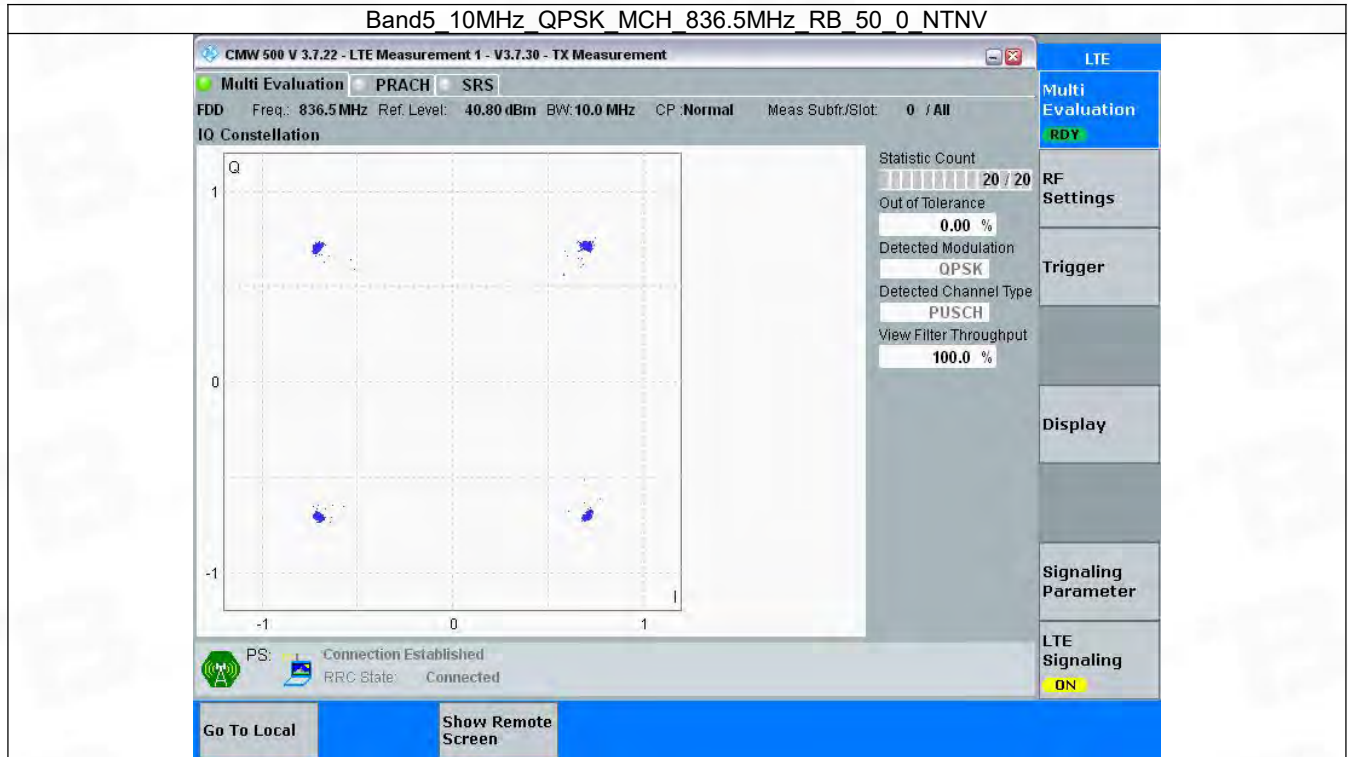


3.4 B5_10MHz

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



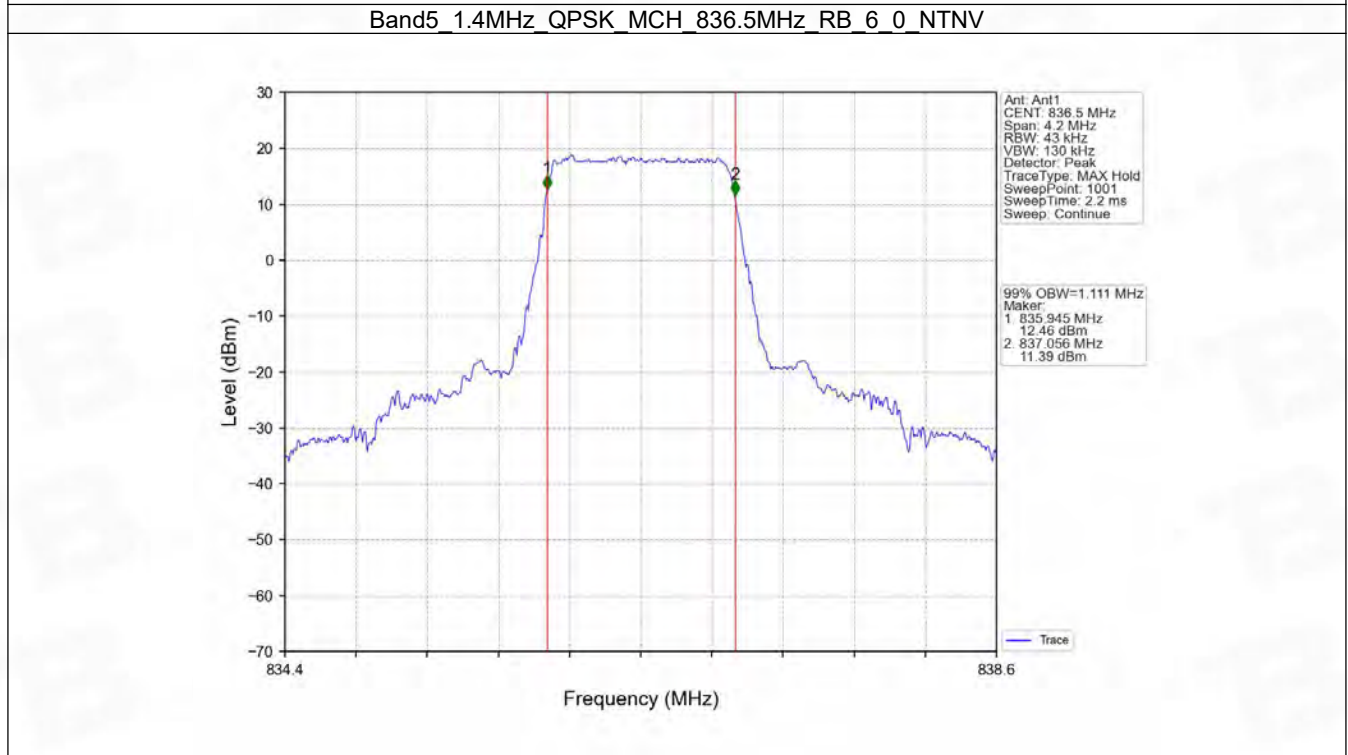
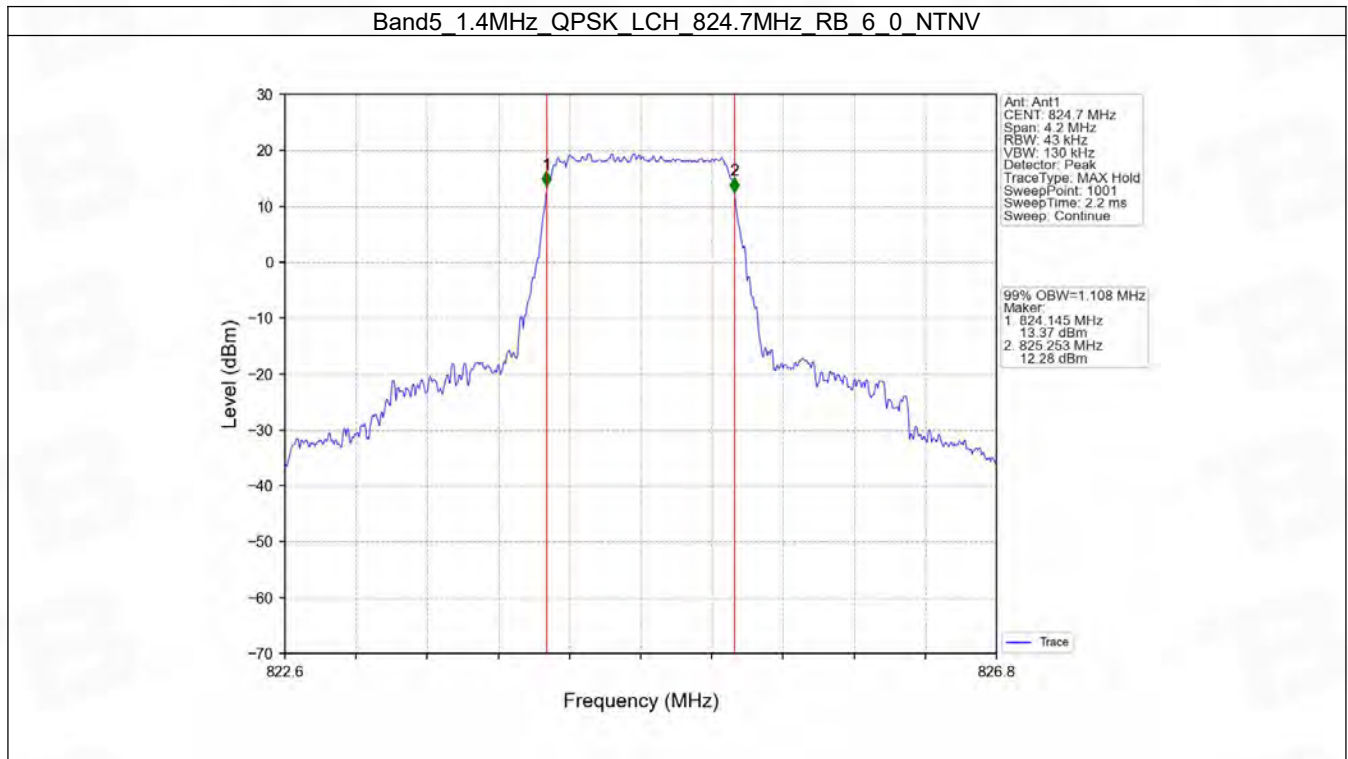
4. 99% & 26dB Bandwidth

4.1 Band5_OBW

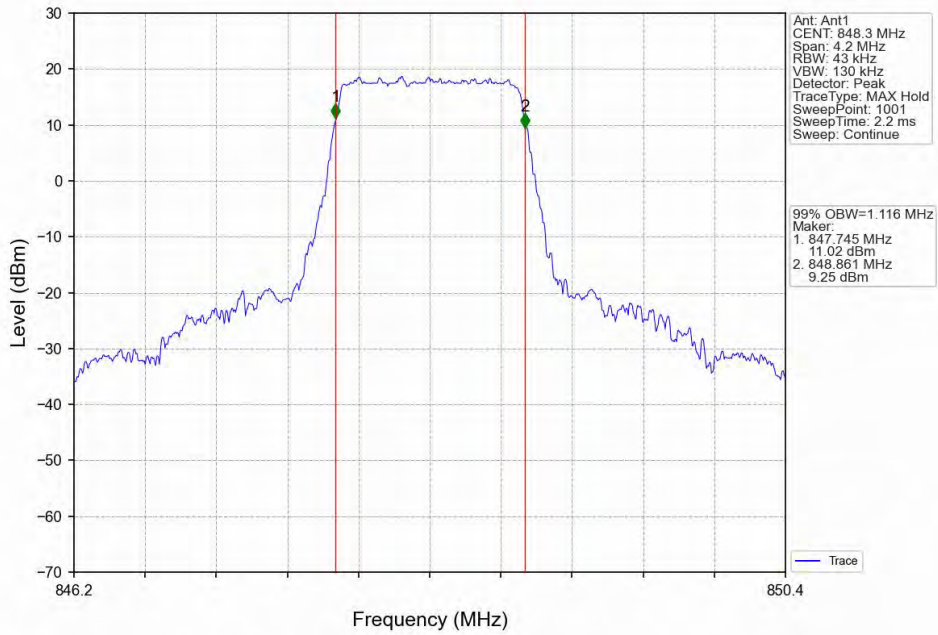
4.1.1 Test Result

Band: 5 / NTN							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	824.7	6	0	1.108	/	Pass
		836.5	6	0	1.111	/	Pass
		848.3	6	0	1.116	/	Pass
	16QAM	824.7	6	0	1.105	/	Pass
		836.5	6	0	1.120	/	Pass
		848.3	6	0	1.103	/	Pass
3	QPSK	825.5	15	0	2.742	/	Pass
		836.5	15	0	2.734	/	Pass
		847.5	15	0	2.738	/	Pass
	16QAM	825.5	15	0	2.734	/	Pass
		836.5	15	0	2.731	/	Pass
		847.5	15	0	2.757	/	Pass
5	QPSK	826.5	25	0	4.544	/	Pass
		836.5	25	0	4.531	/	Pass
		846.5	25	0	4.552	/	Pass
	16QAM	826.5	25	0	4.564	/	Pass
		836.5	25	0	4.555	/	Pass
		846.5	25	0	4.518	/	Pass
10	QPSK	829	50	0	9.050	/	Pass
		836.5	50	0	9.038	/	Pass
		844	50	0	9.044	/	Pass
	16QAM	829	50	0	9.057	/	Pass
		836.5	50	0	9.026	/	Pass
		844	50	0	9.028	/	Pass

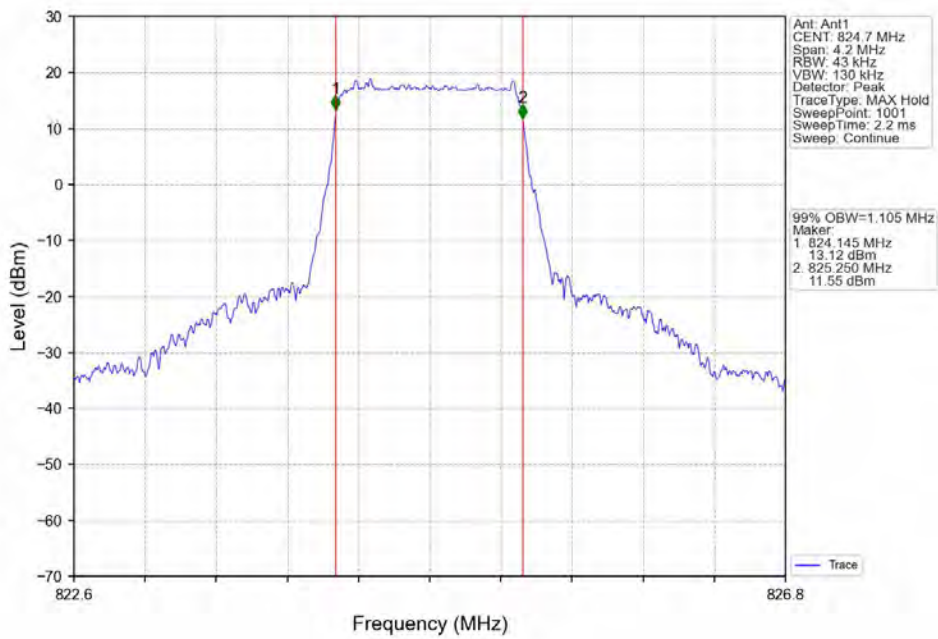
4.1.2 Test Graph



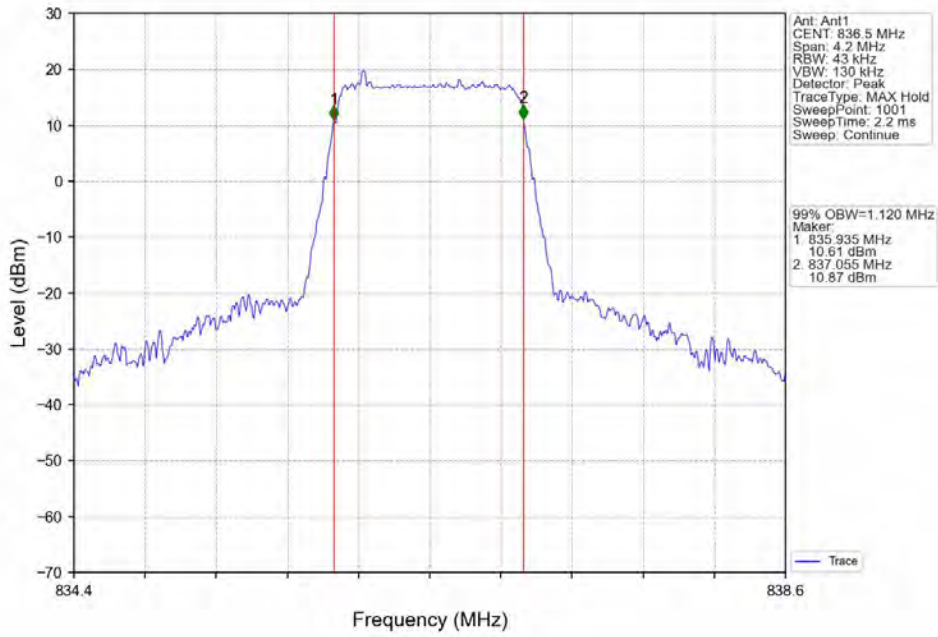
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



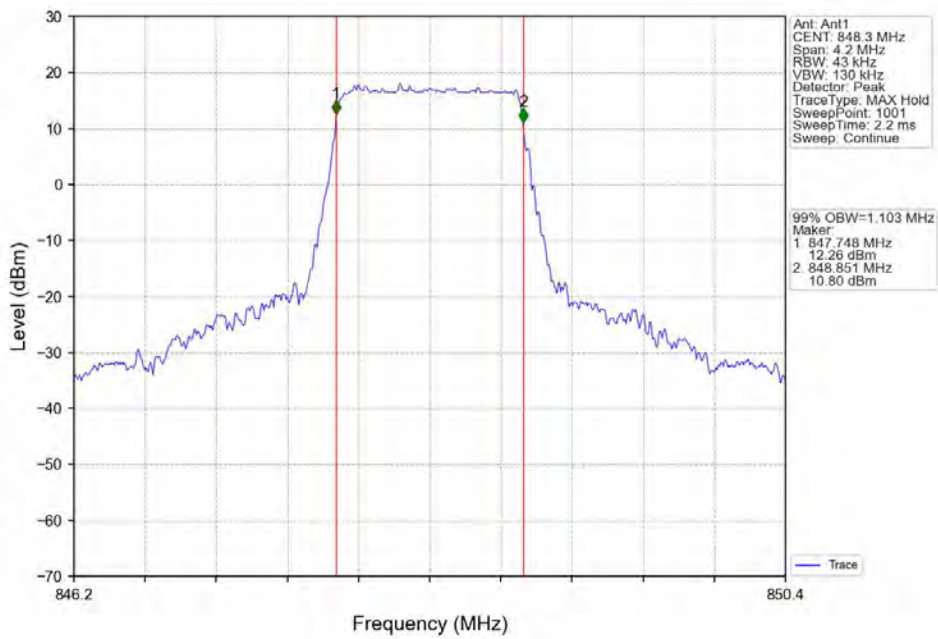
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



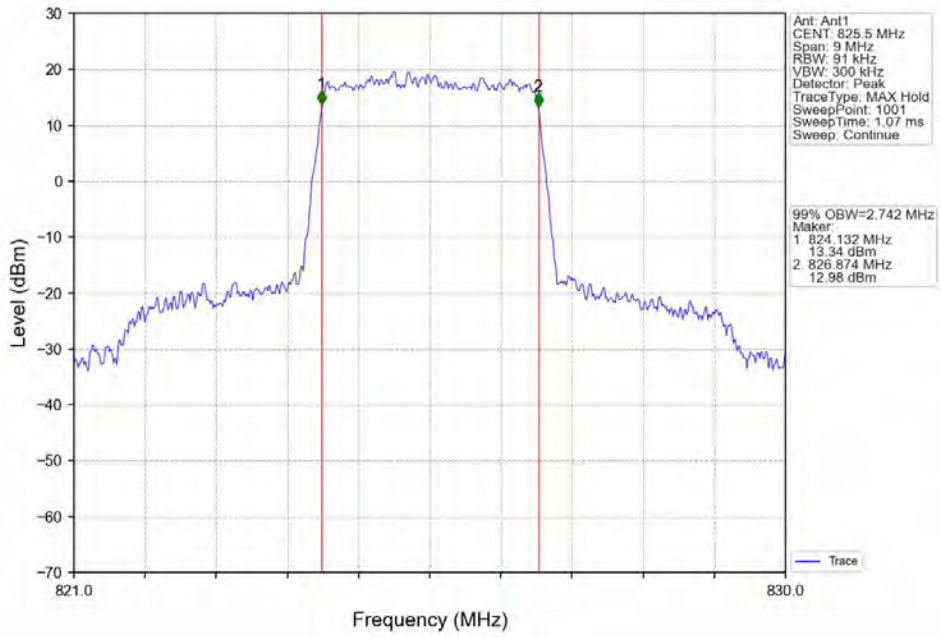
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



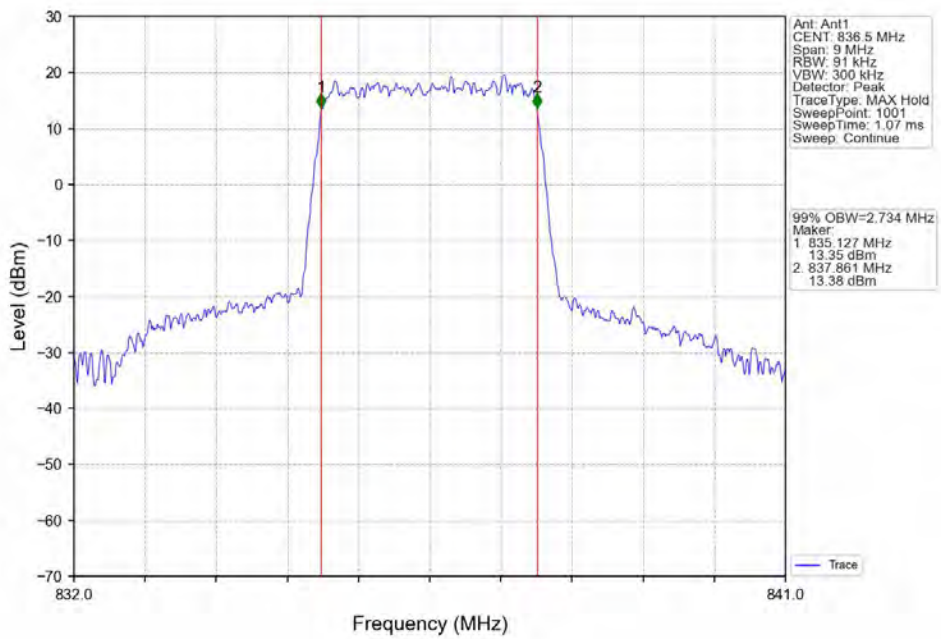
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



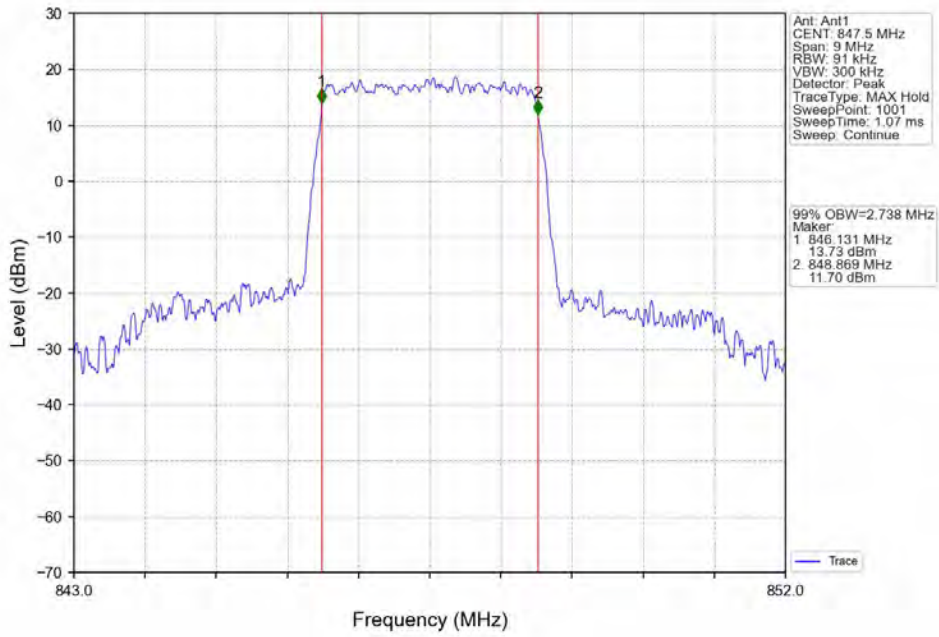
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



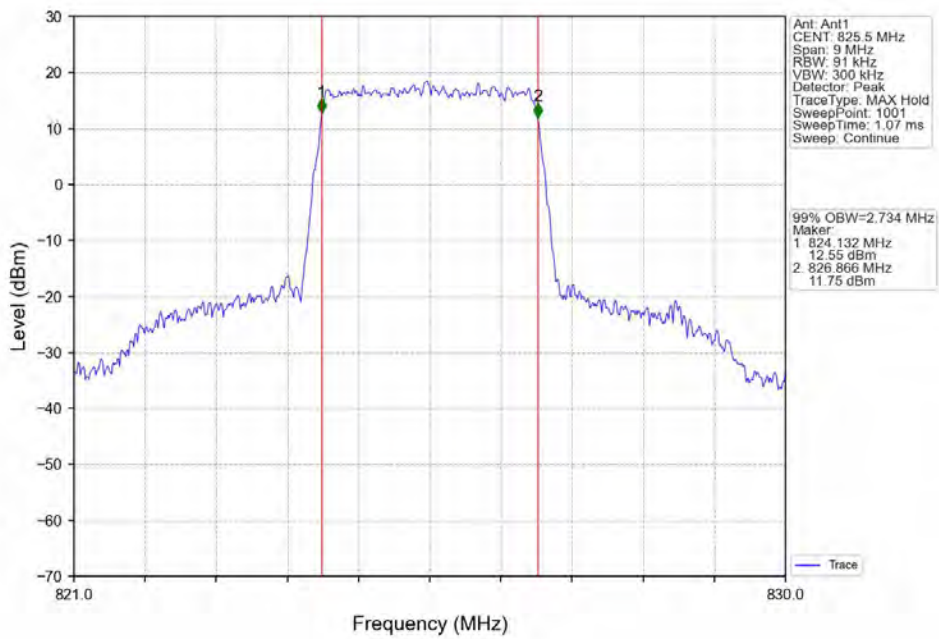
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



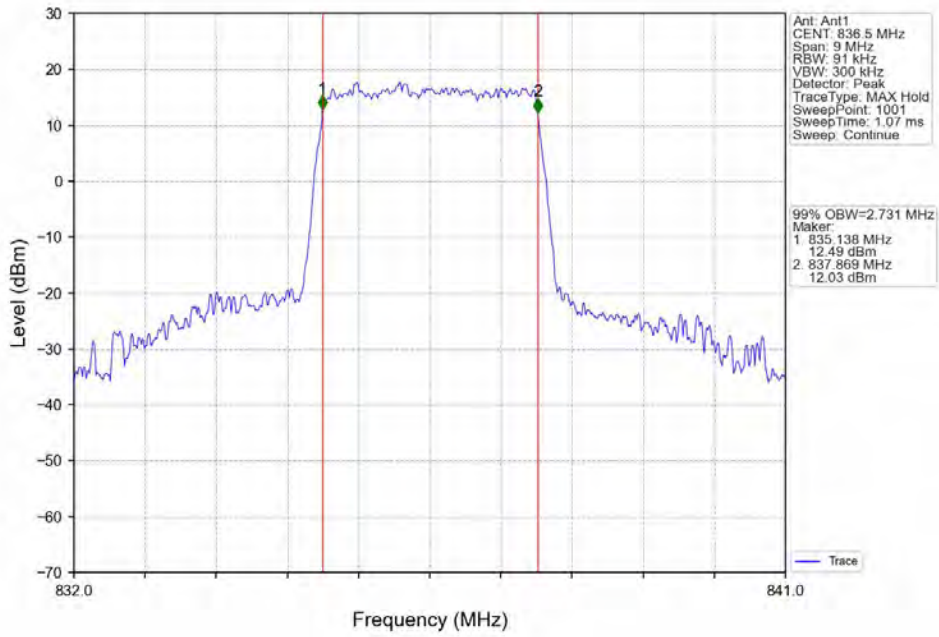
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



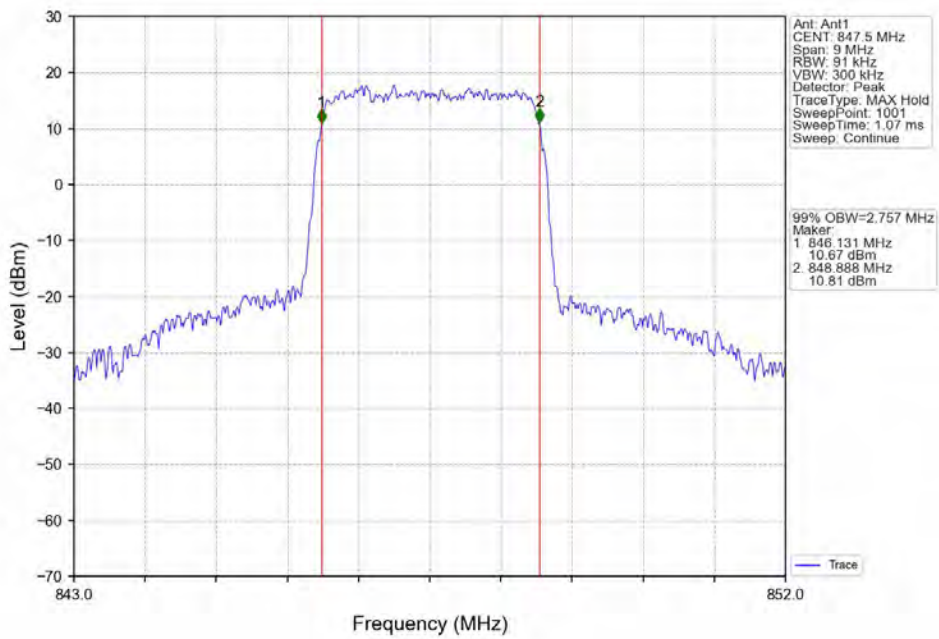
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



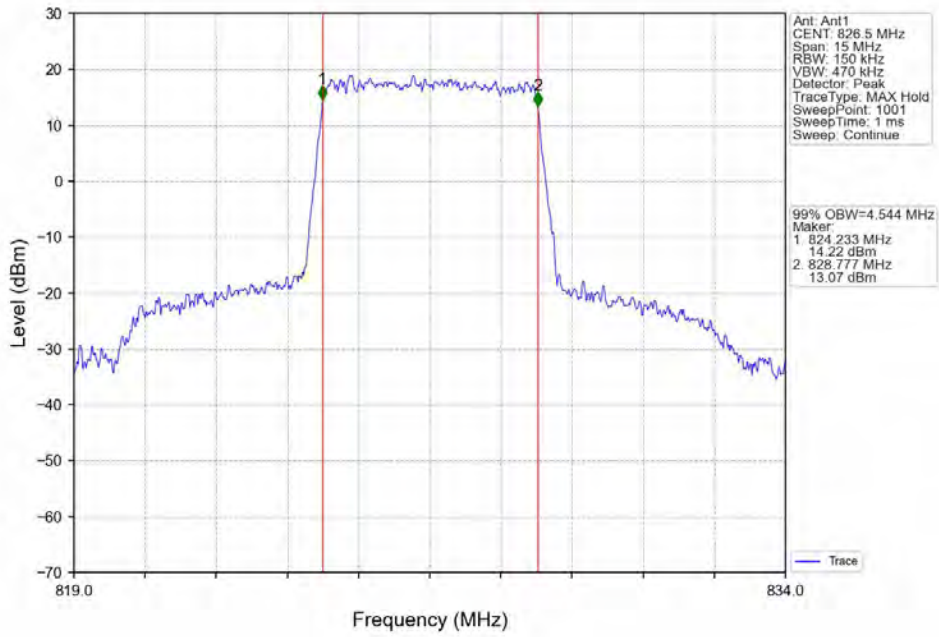
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



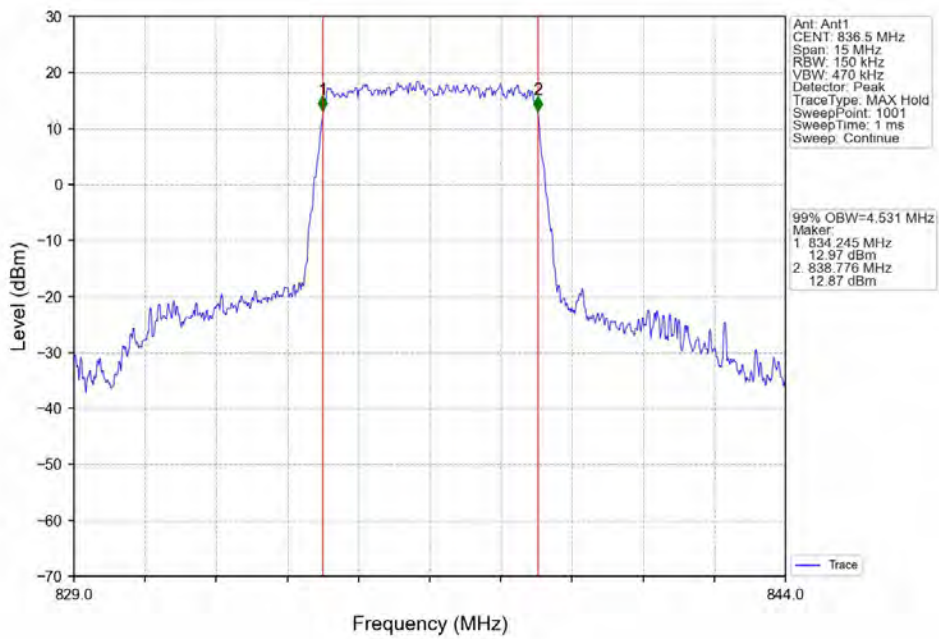
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



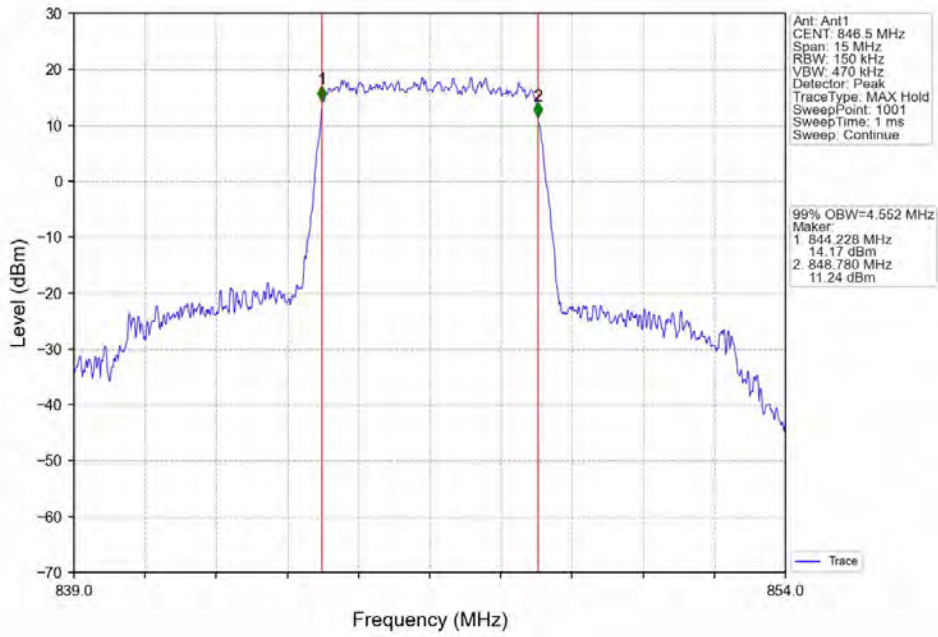
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



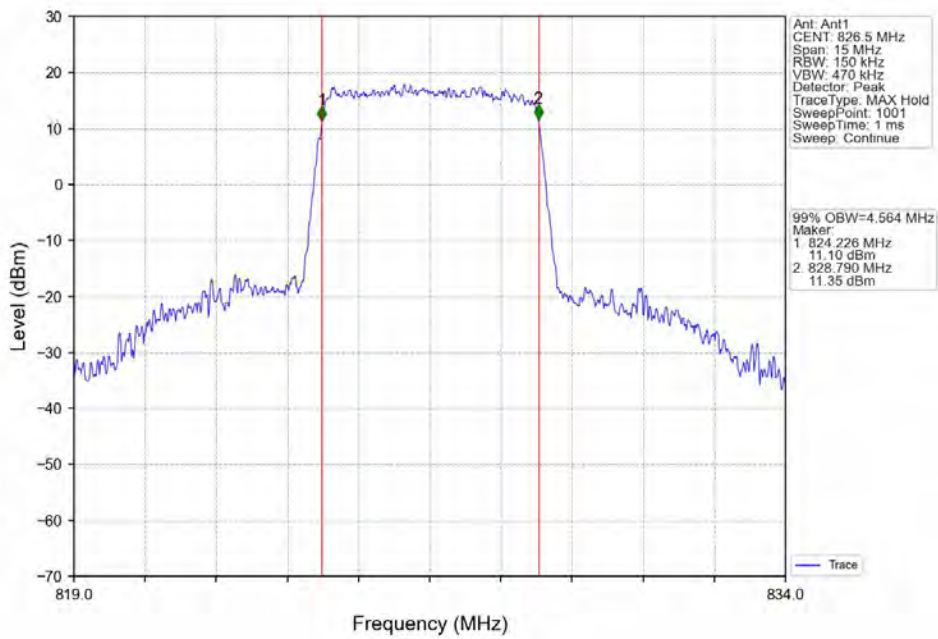
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



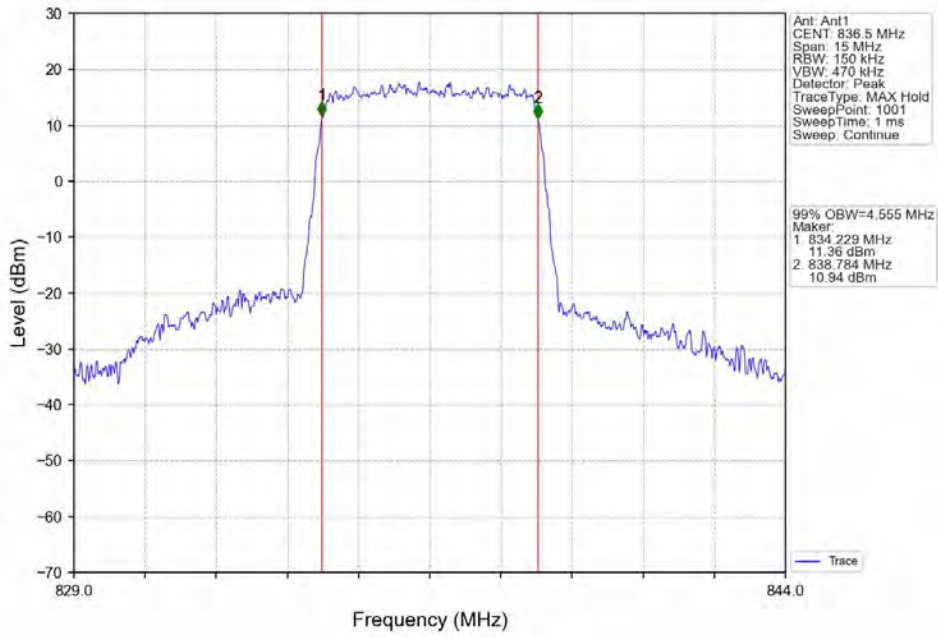
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



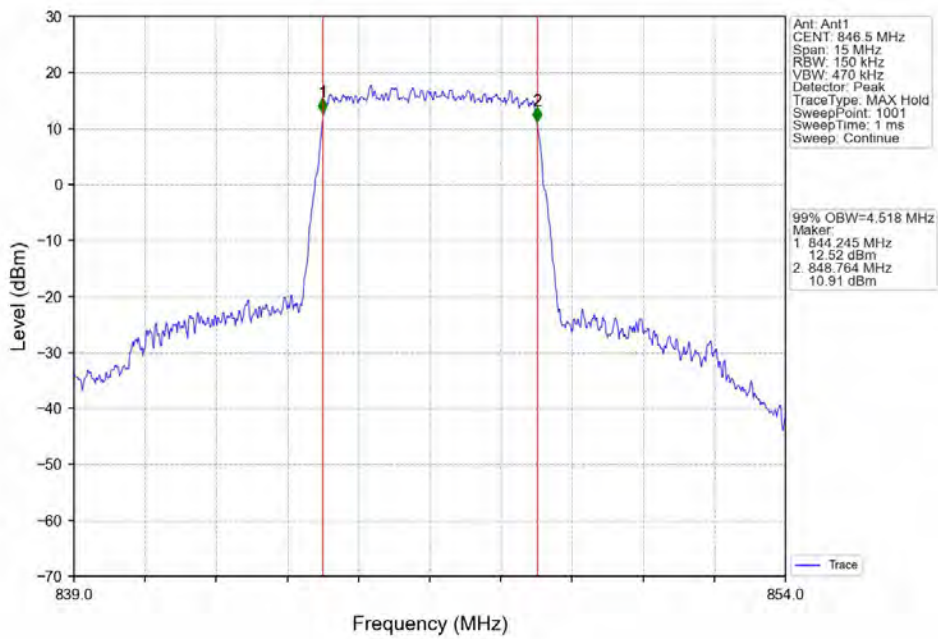
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



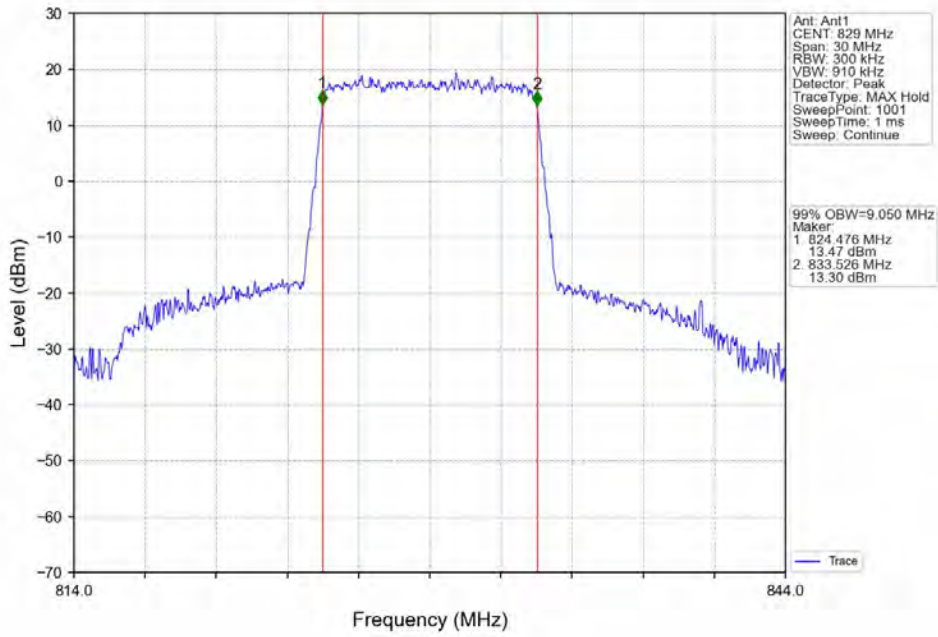
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



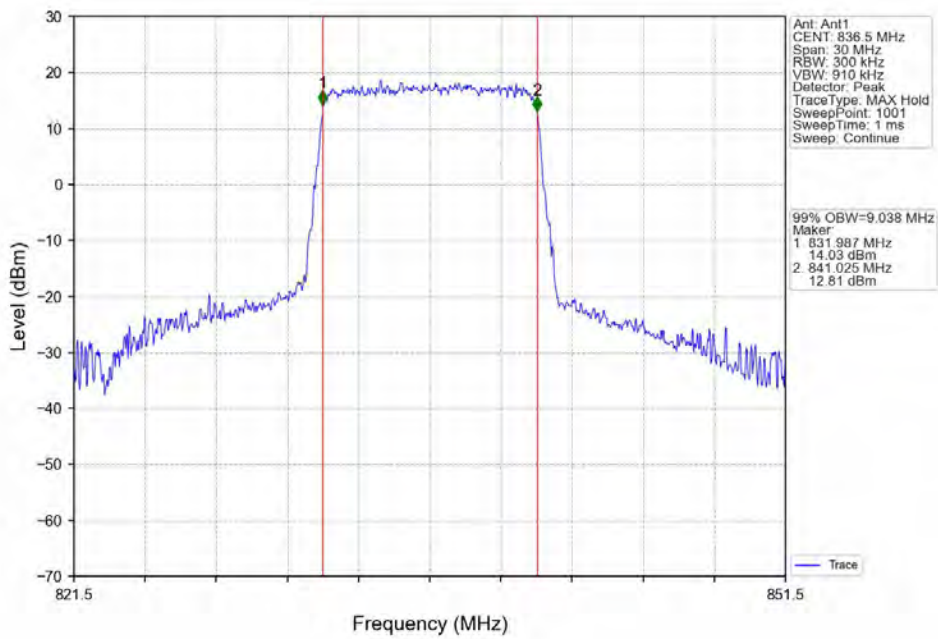
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



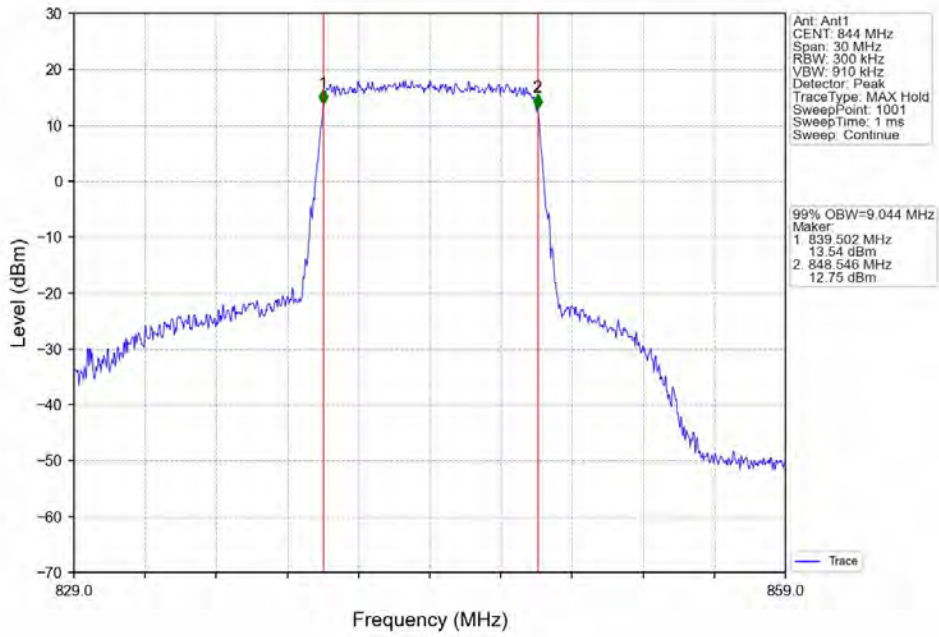
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



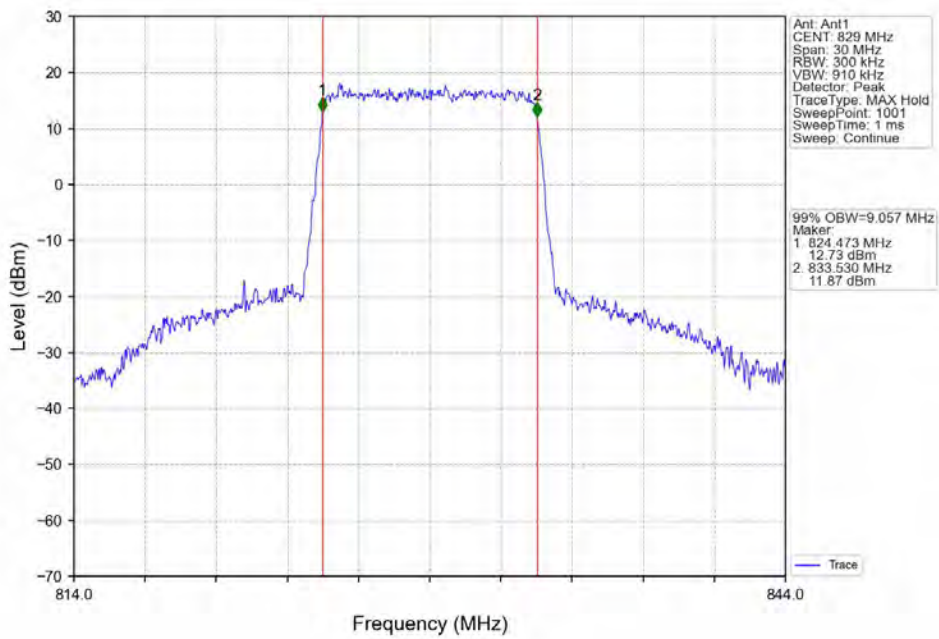
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



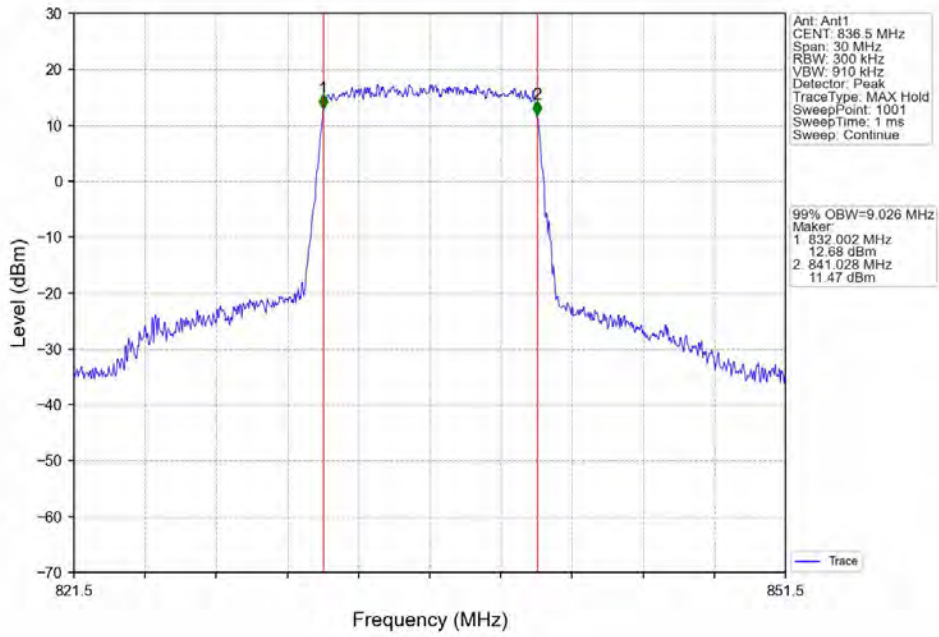
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



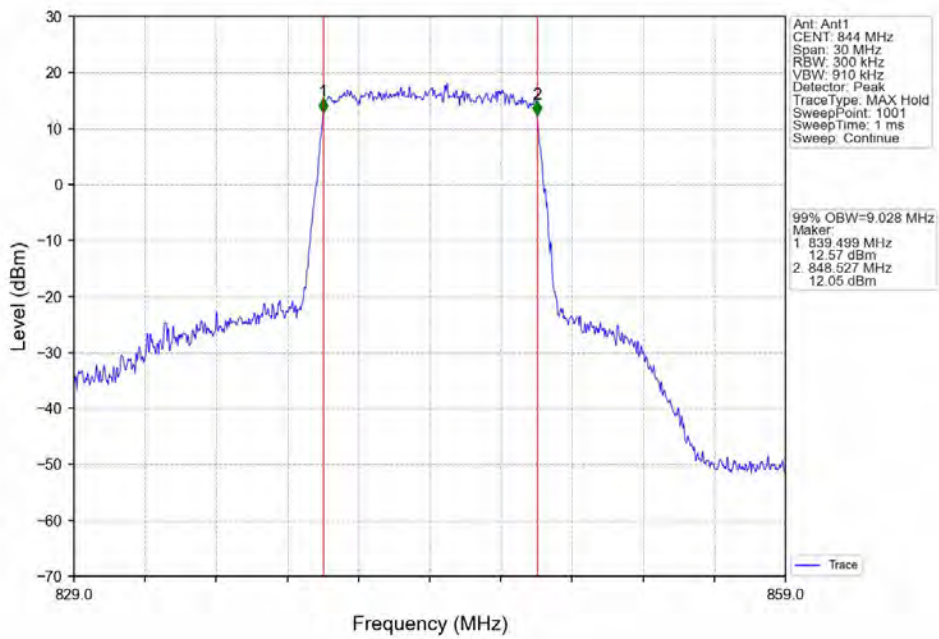
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV

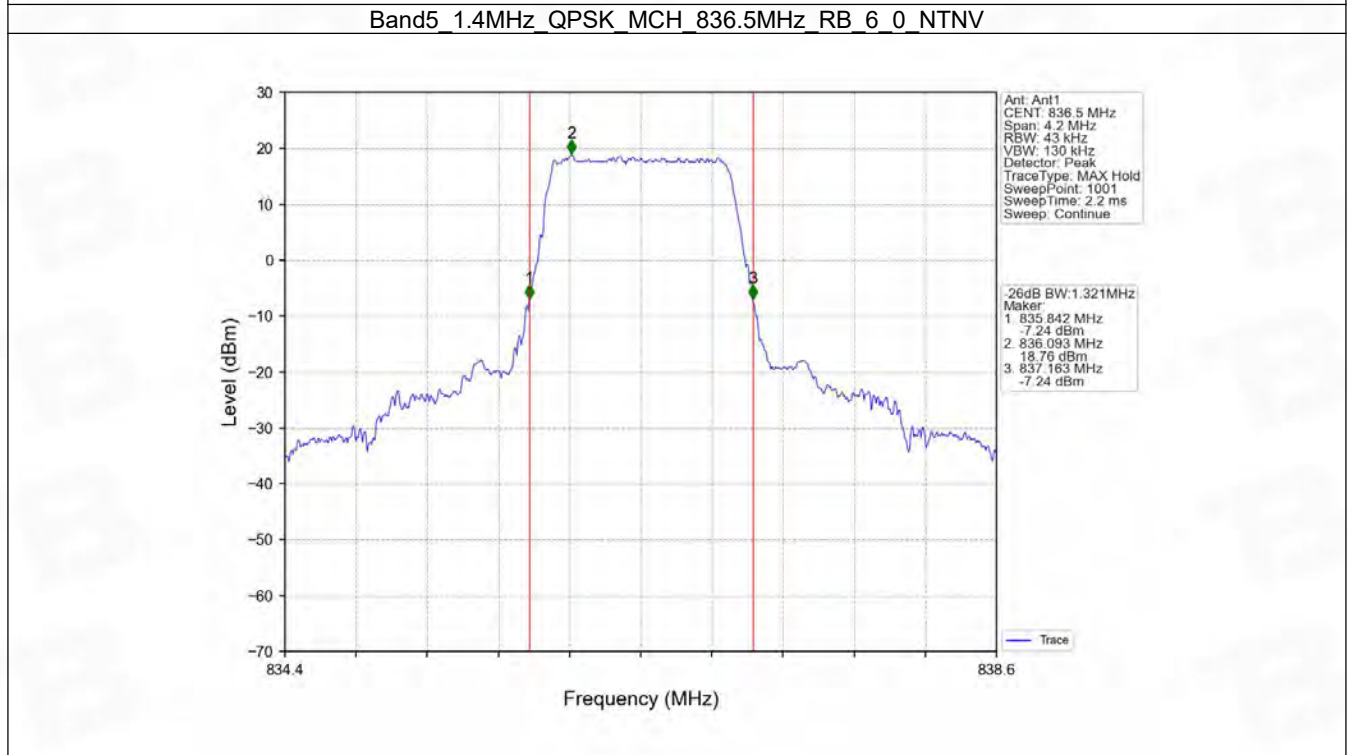
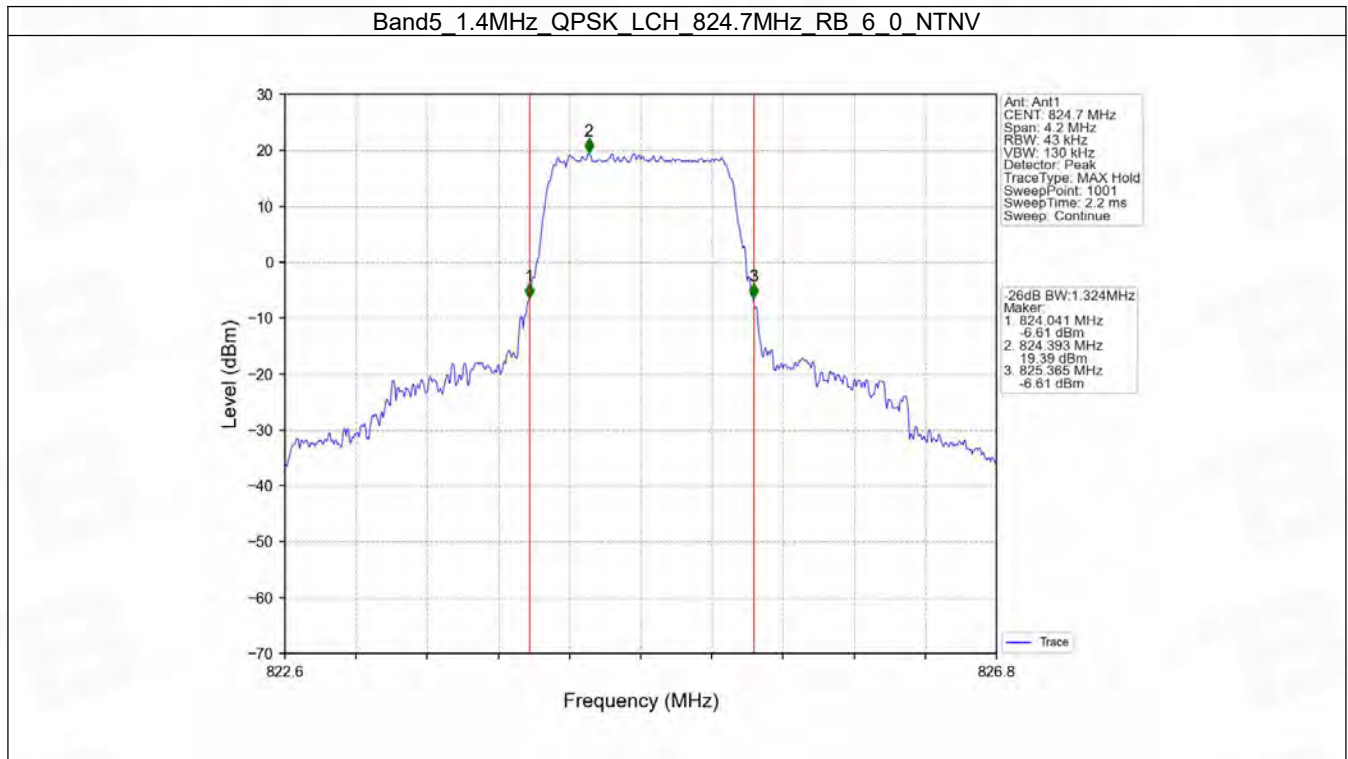


4.2 Band5_XDB

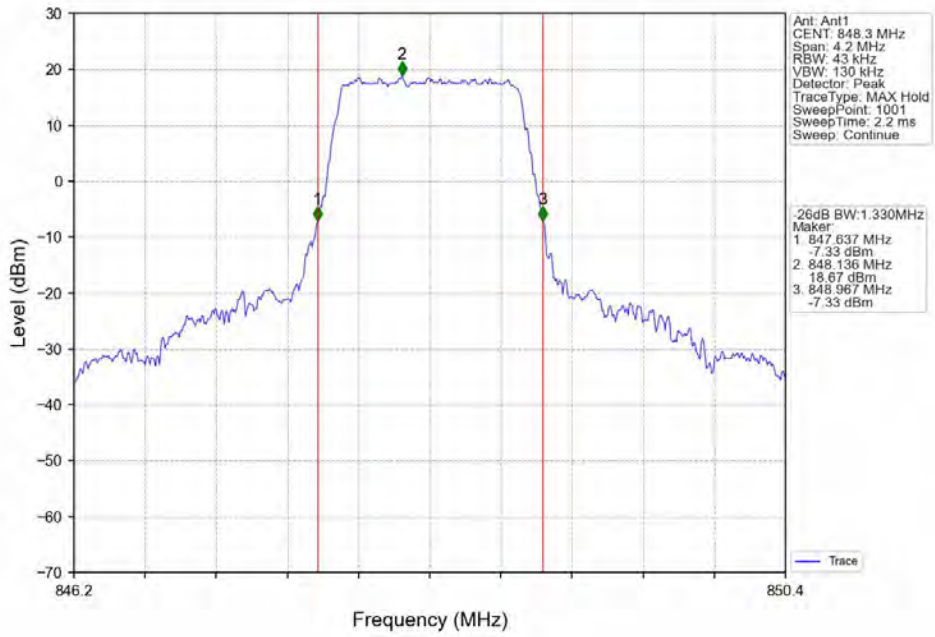
4.2.1 Test Result

Band: 5 / NTNv							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	824.7	6	0	1.324	/	Pass
		836.5	6	0	1.321	/	Pass
		848.3	6	0	1.330	/	Pass
	16QAM	824.7	6	0	1.298	/	Pass
		836.5	6	0	1.304	/	Pass
		848.3	6	0	1.310	/	Pass
3	QPSK	825.5	15	0	3.046	/	Pass
		836.5	15	0	3.034	/	Pass
		847.5	15	0	3.047	/	Pass
	16QAM	825.5	15	0	3.055	/	Pass
		836.5	15	0	3.040	/	Pass
		847.5	15	0	3.059	/	Pass
5	QPSK	826.5	25	0	5.080	/	Pass
		836.5	25	0	5.092	/	Pass
		846.5	25	0	5.071	/	Pass
	16QAM	826.5	25	0	5.110	/	Pass
		836.5	25	0	5.084	/	Pass
		846.5	25	0	5.084	/	Pass
10	QPSK	829	50	0	10.072	/	Pass
		836.5	50	0	10.041	/	Pass
		844	50	0	10.124	/	Pass
	16QAM	829	50	0	9.977	/	Pass
		836.5	50	0	10.050	/	Pass
		844	50	0	10.010	/	Pass

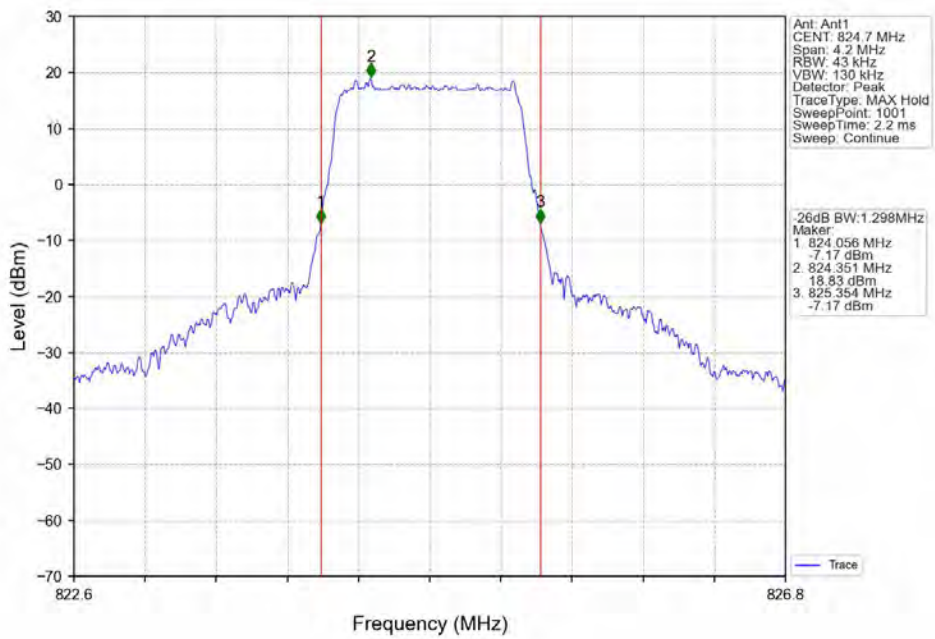
4.2.2 Test Graph



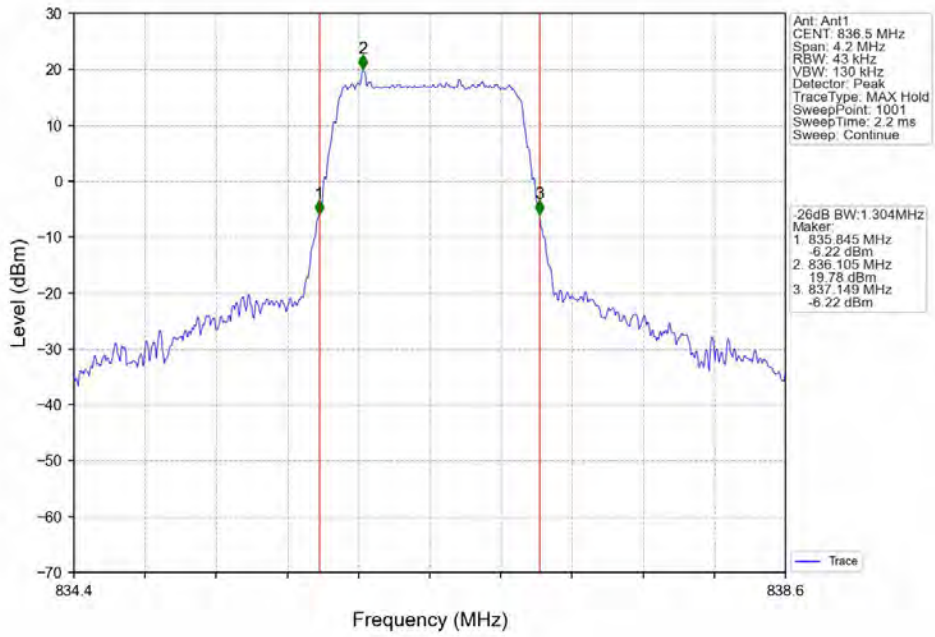
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



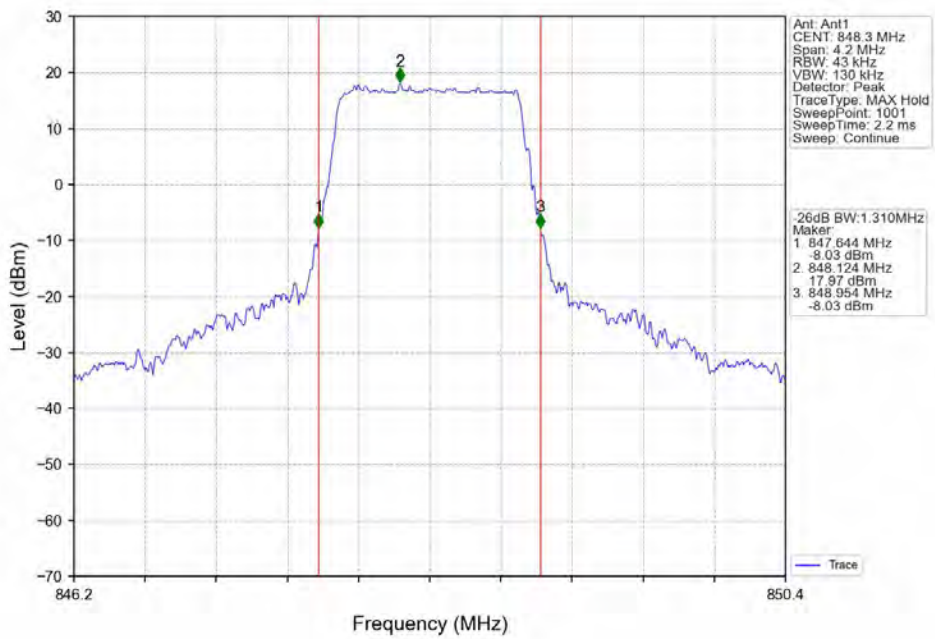
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



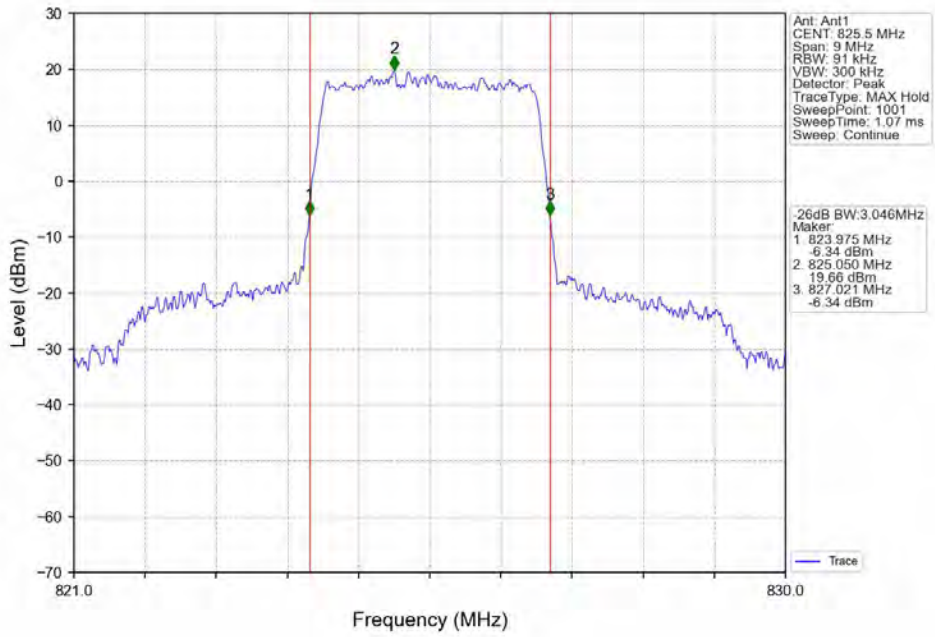
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



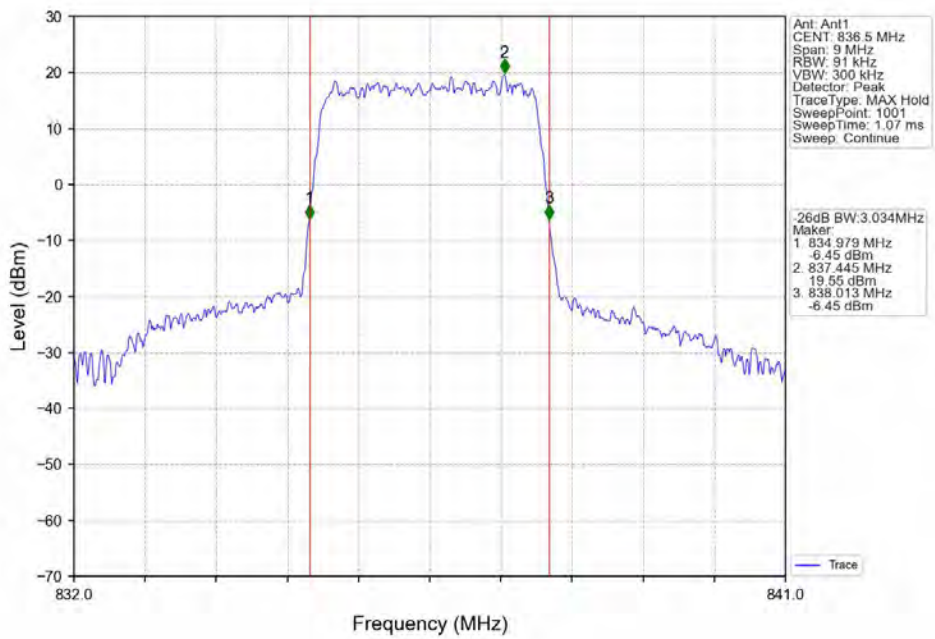
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



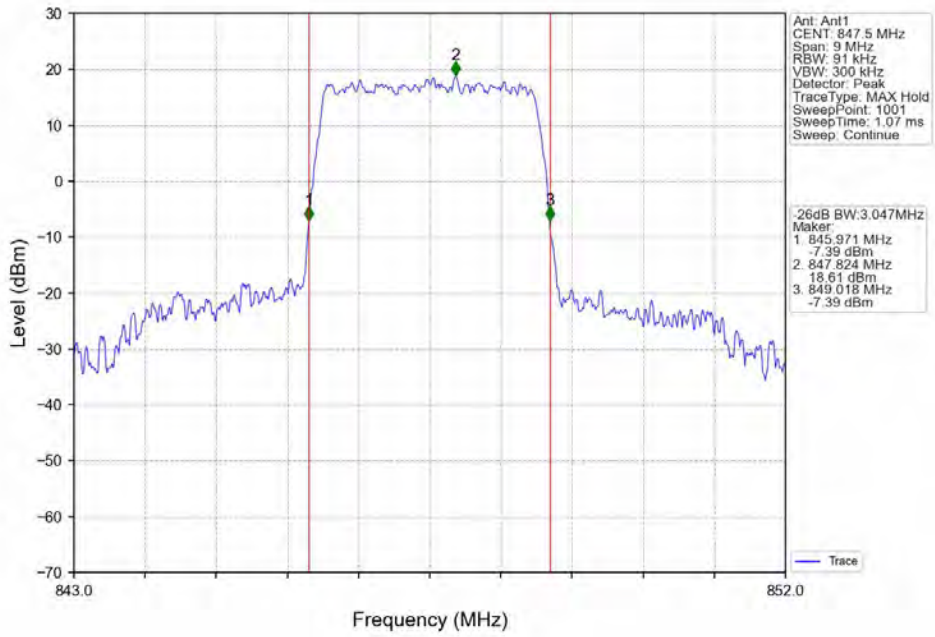
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



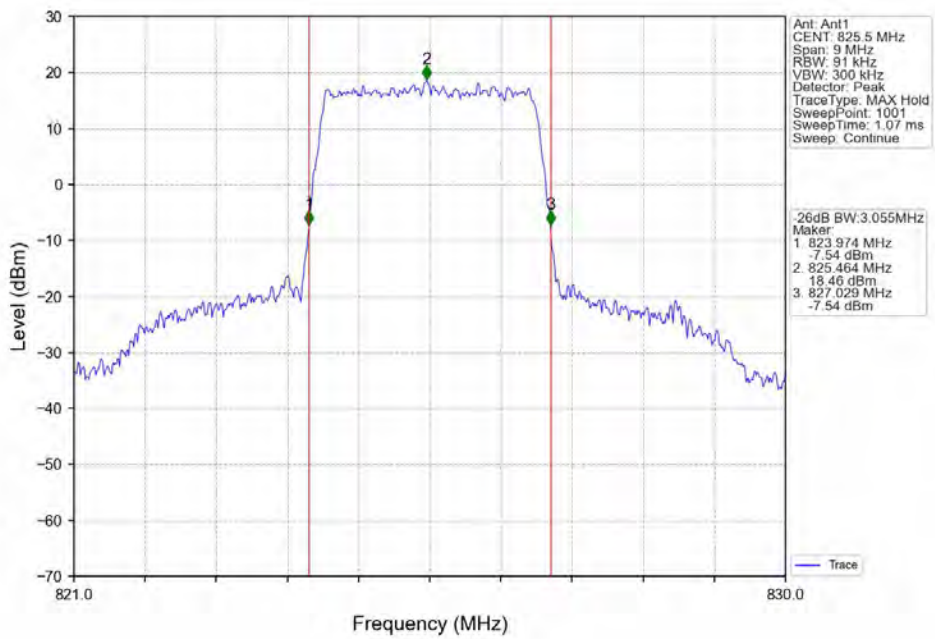
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



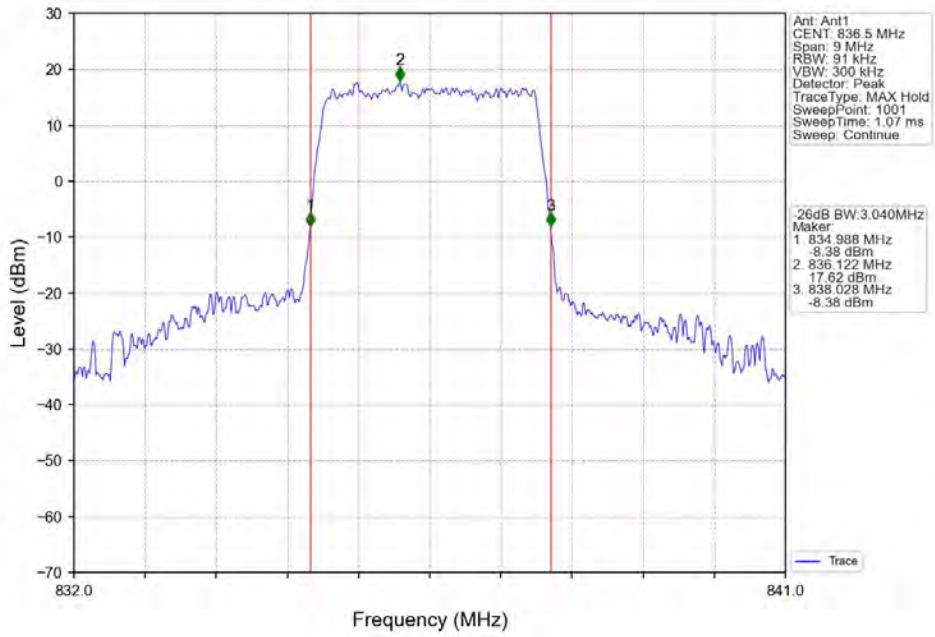
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



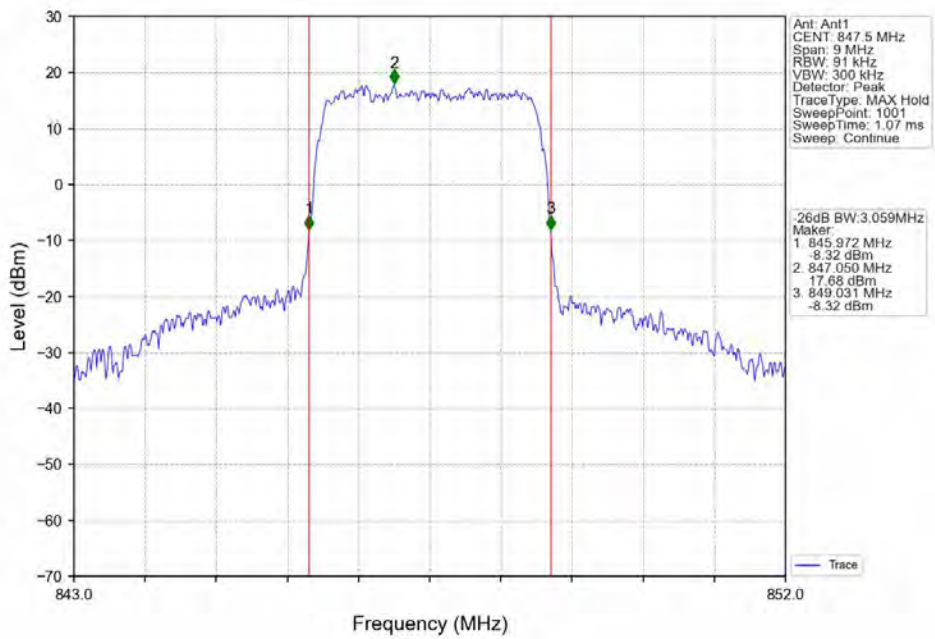
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



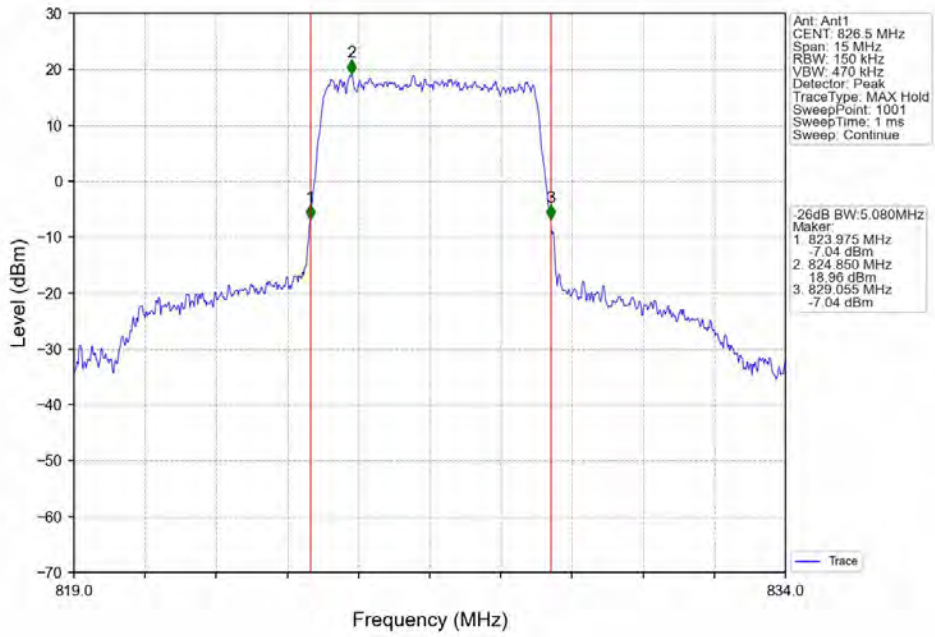
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



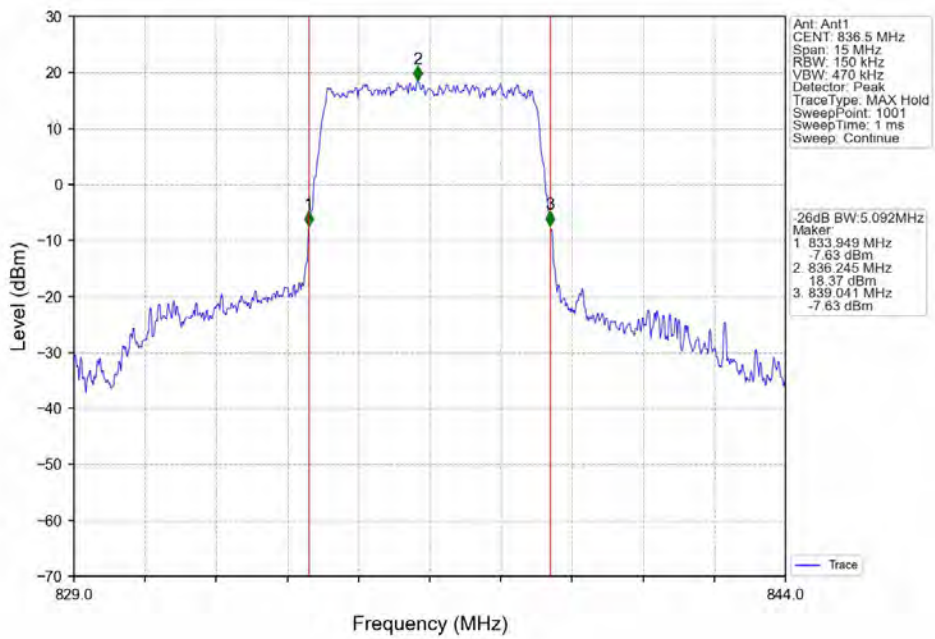
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



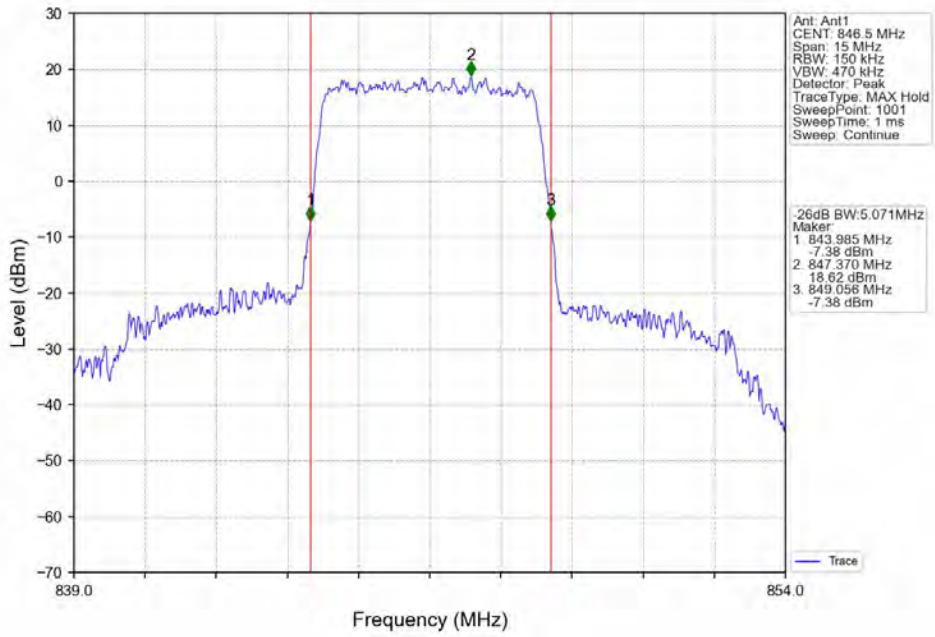
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



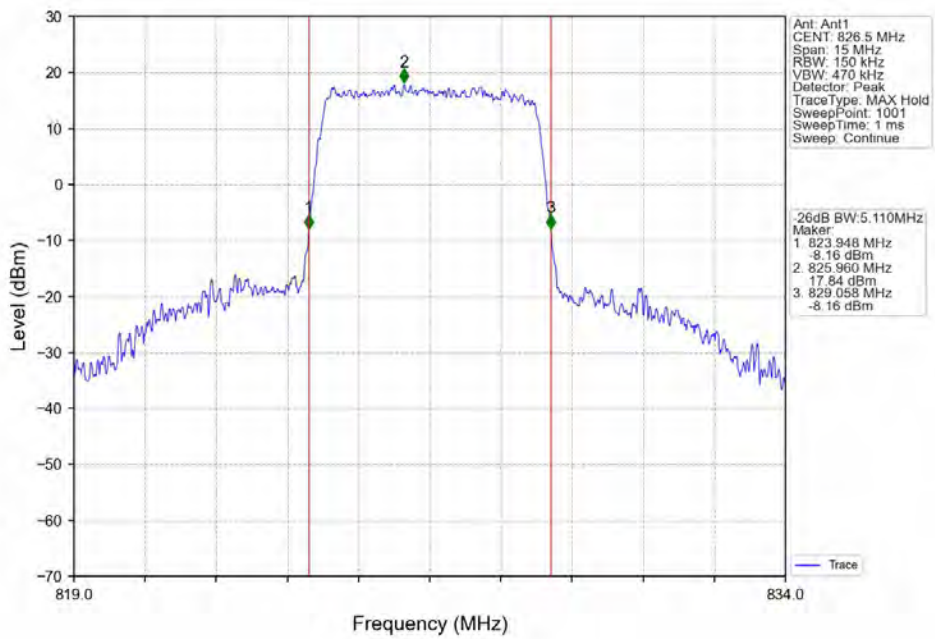
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



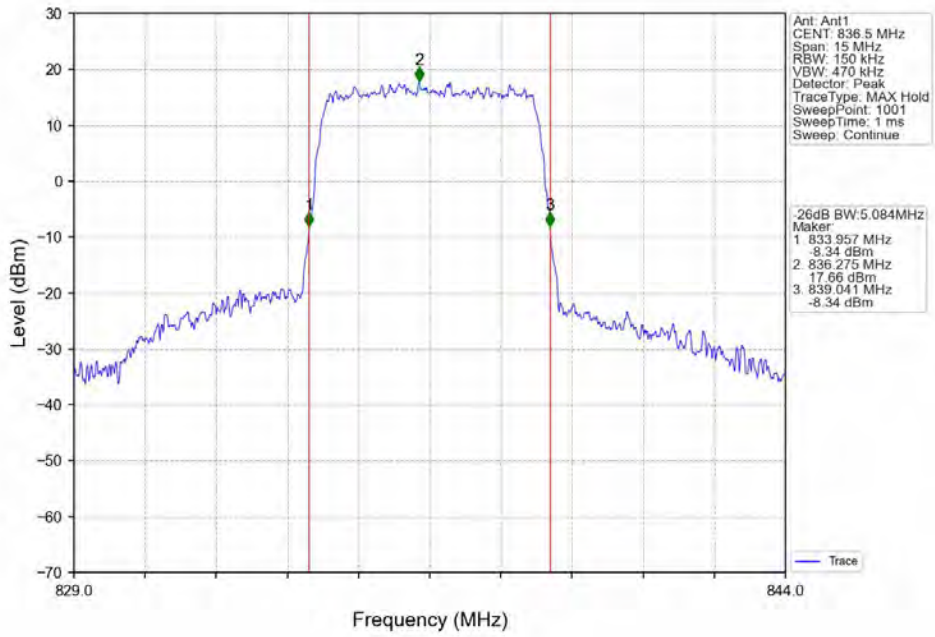
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



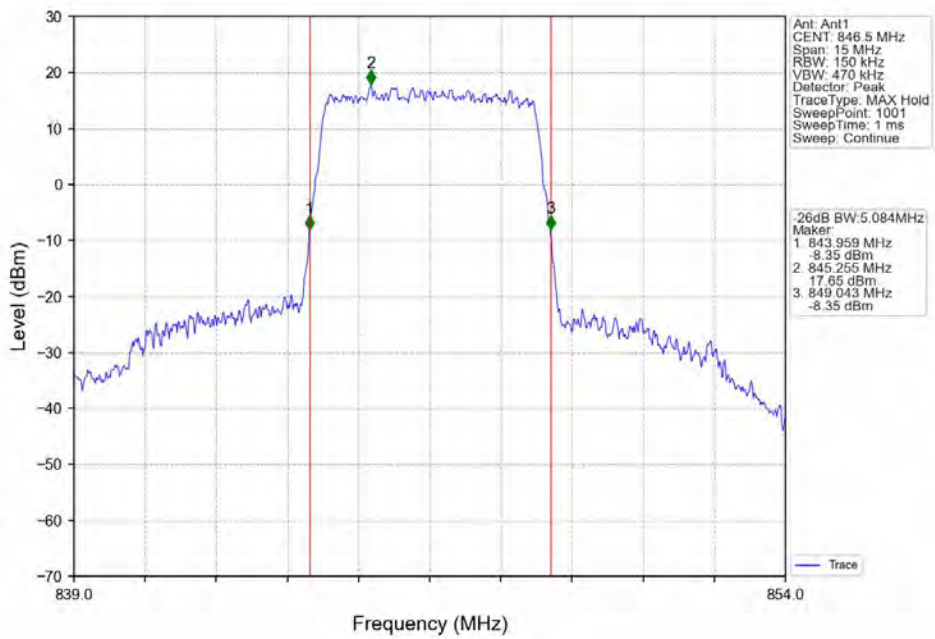
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



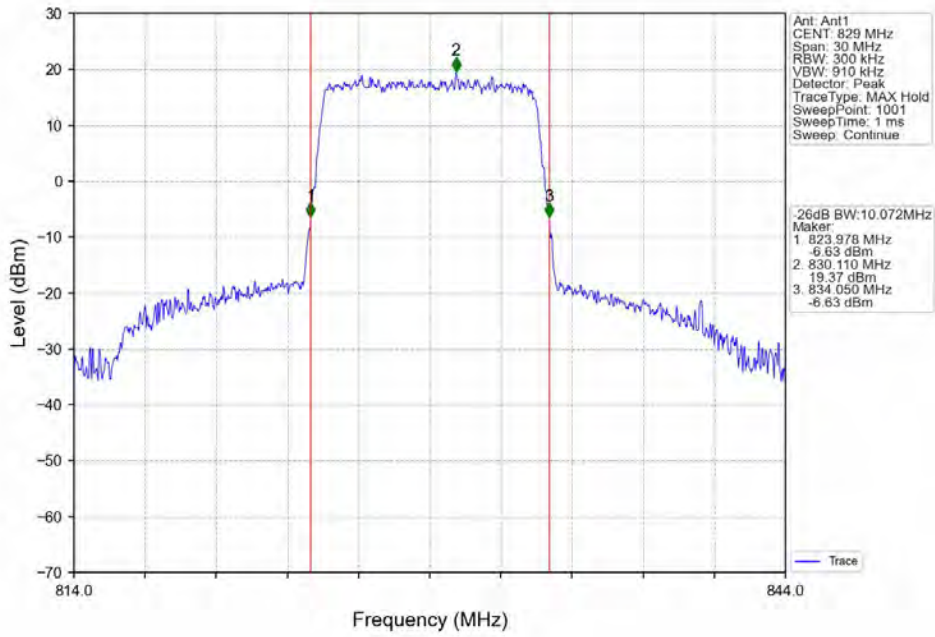
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



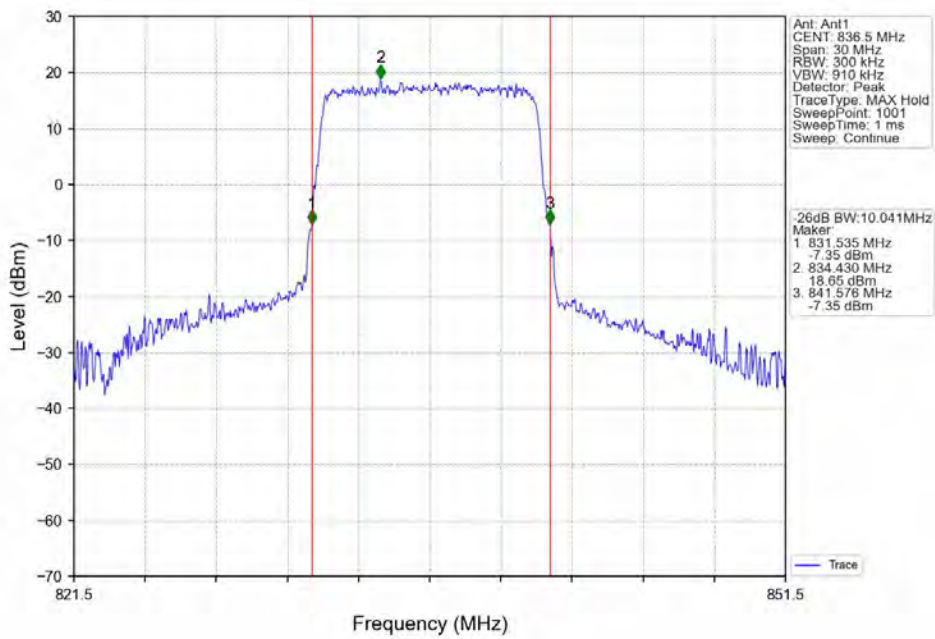
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



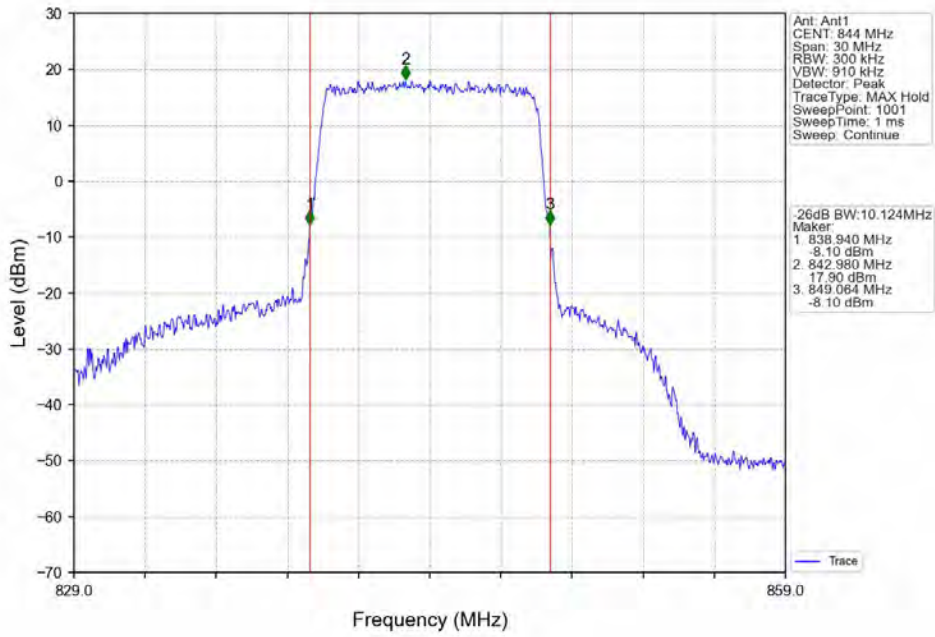
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



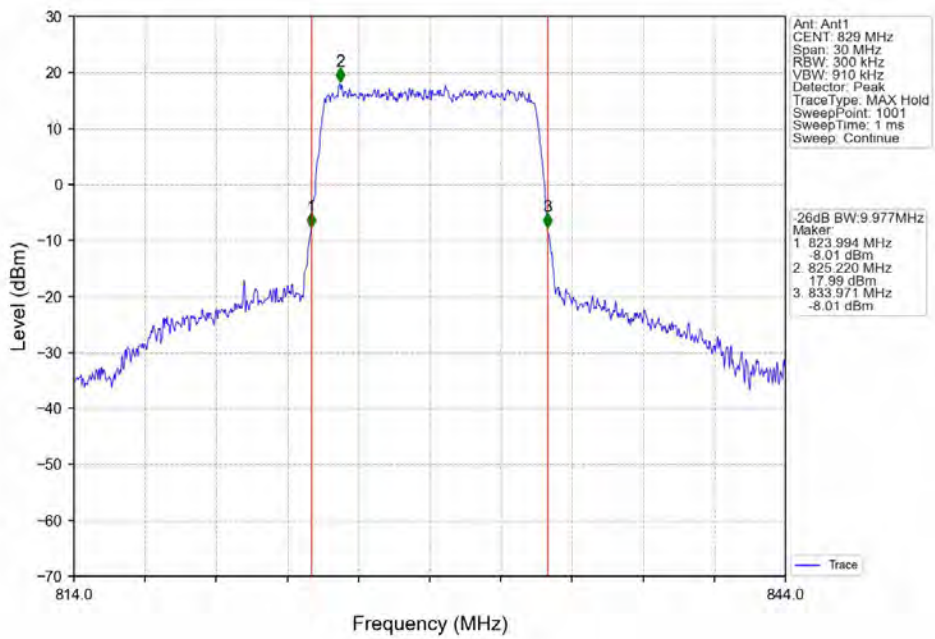
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



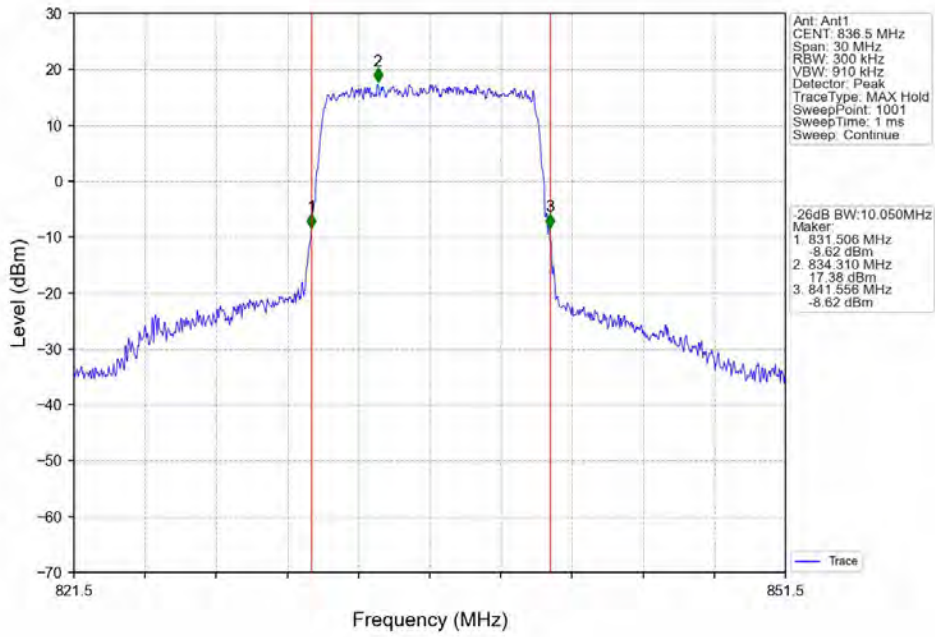
Band5_10MHz QPSK HCH 844MHz RB 50 0 NTN



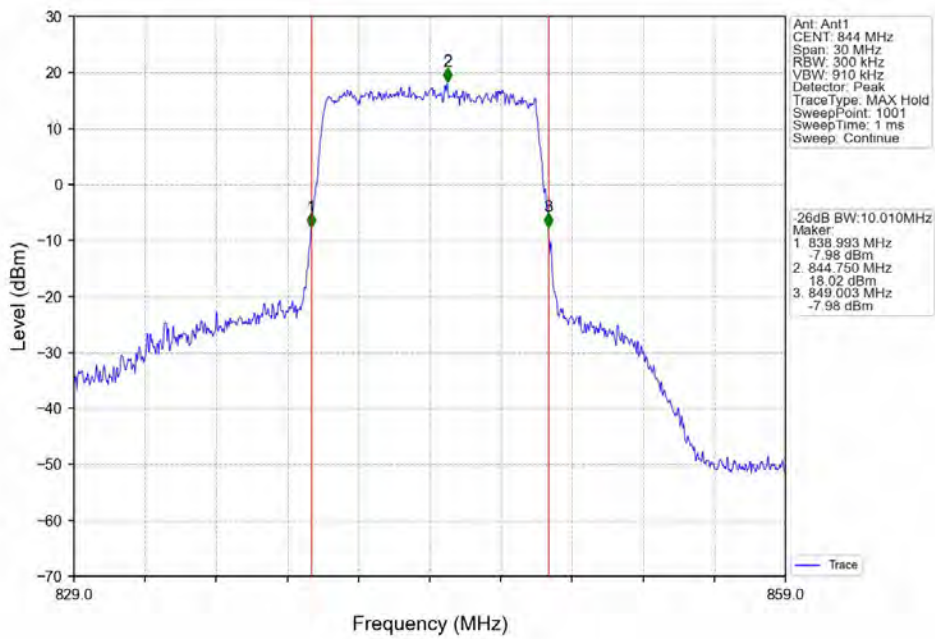
Band5_10MHz 16QAM LCH 829MHz RB 50 0 NTN



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



5. Peak-Average Ratio

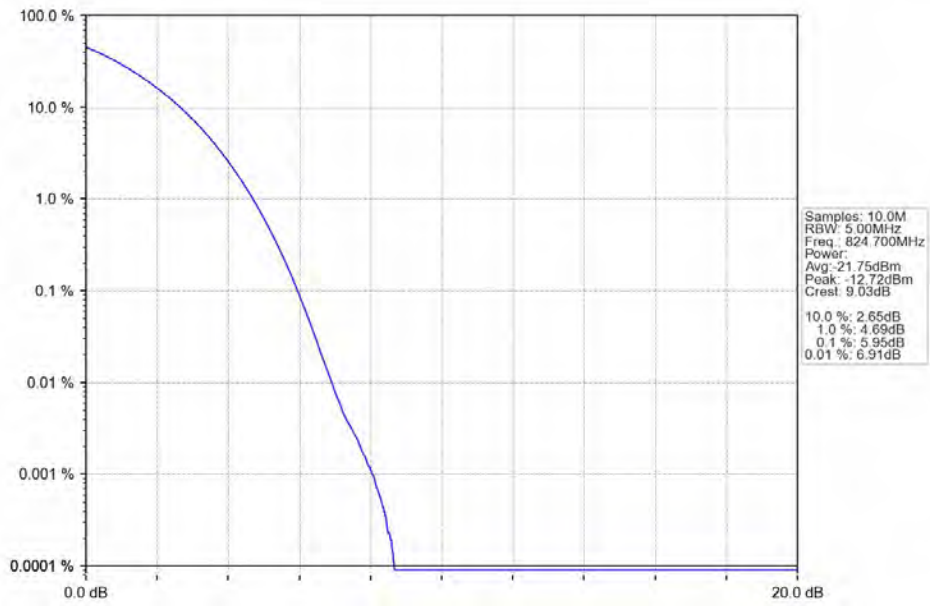
5.1 B5_1.4MHz

5.1.1 Test Result

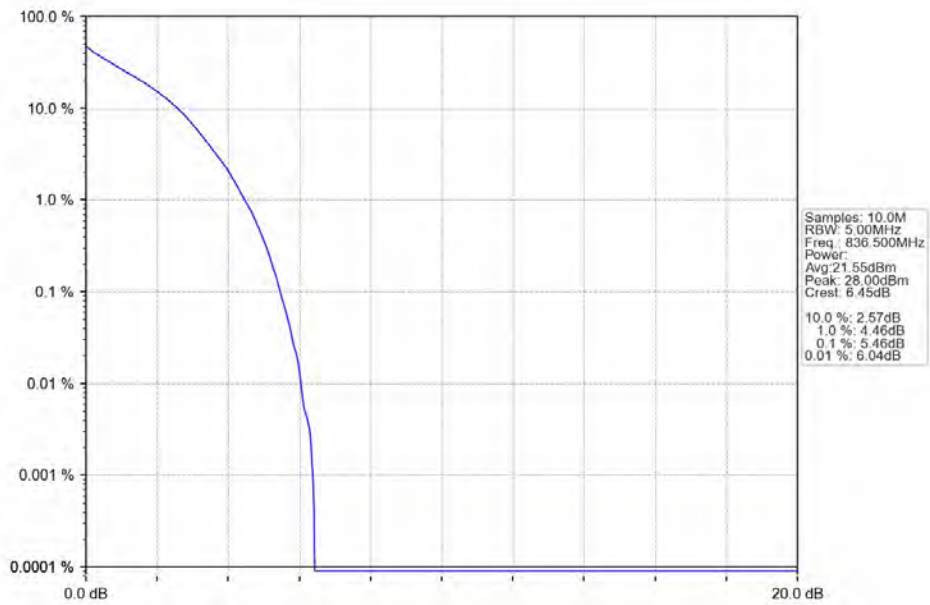
Band: 5 / Bandwidth: 1.4MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	824.7	6	0	5.95	<=13	Pass
	836.5	6	0	5.46	<=13	Pass
	848.3	6	0	5.97	<=13	Pass
16QAM	824.7	6	0	12.12	<=13	Pass
	836.5	6	0	6.19	<=13	Pass
	848.3	6	0	11.58	<=13	Pass

5.1.2 Test Graph

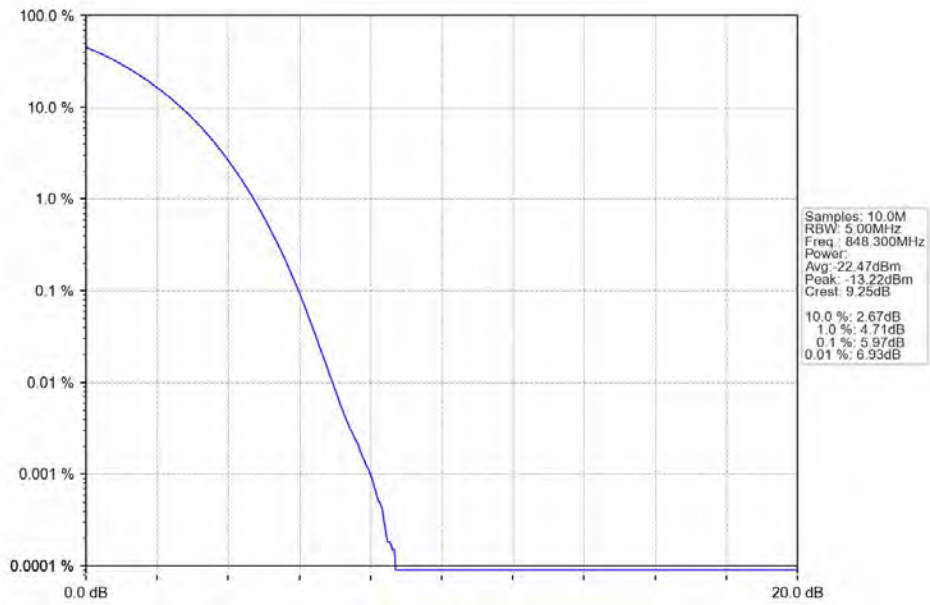
Band5 1.4MHz QPSK LCH 824.7MHz RB 6 0 NTN



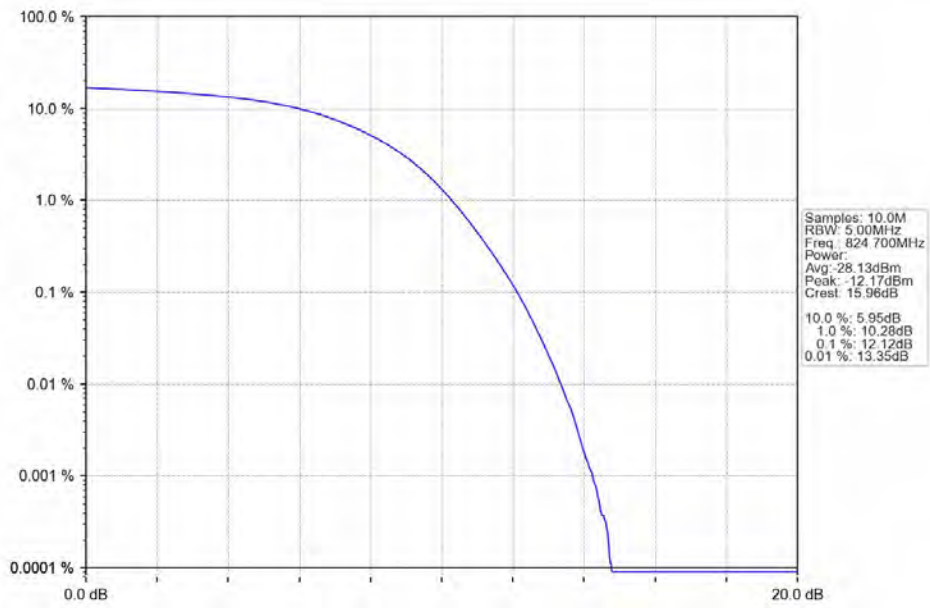
Band5 1.4MHz QPSK MCH 836.5MHz RB 6 0 NTN



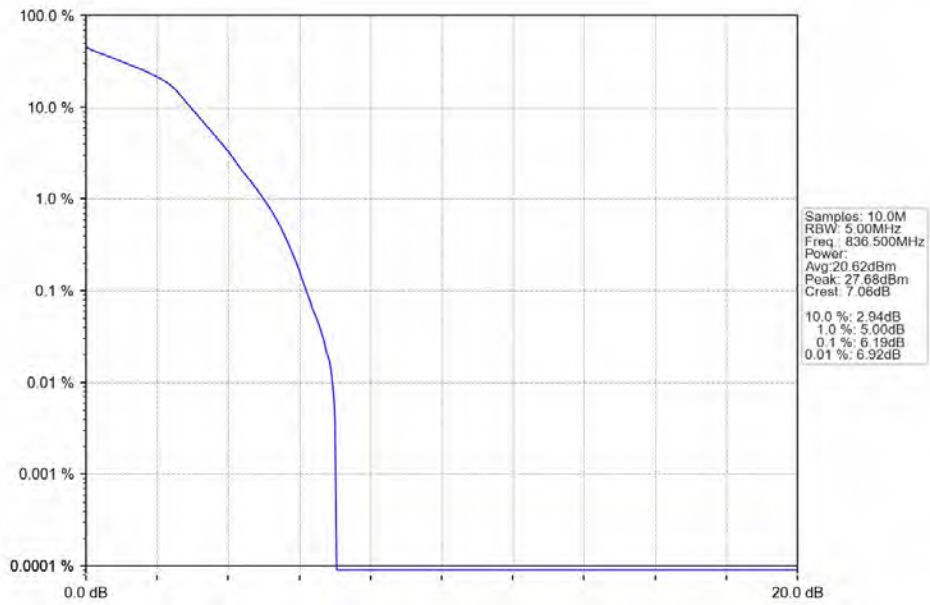
Band5 1.4MHz QPSK HCH 848.3MHz RB 6_0 NTN



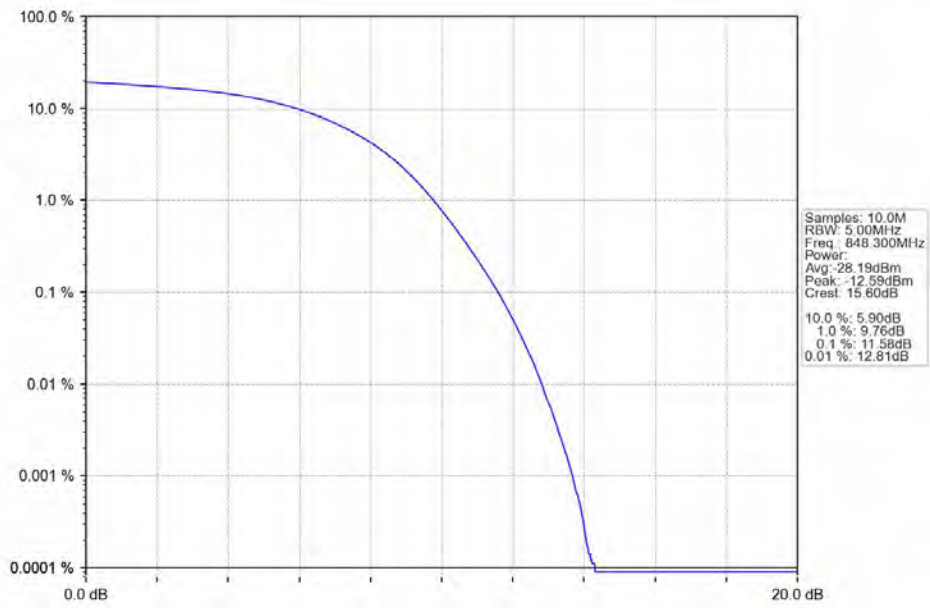
Band5 1.4MHz 16QAM LCH 824.7MHz RB 6_0 NTN



Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTV



Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTV

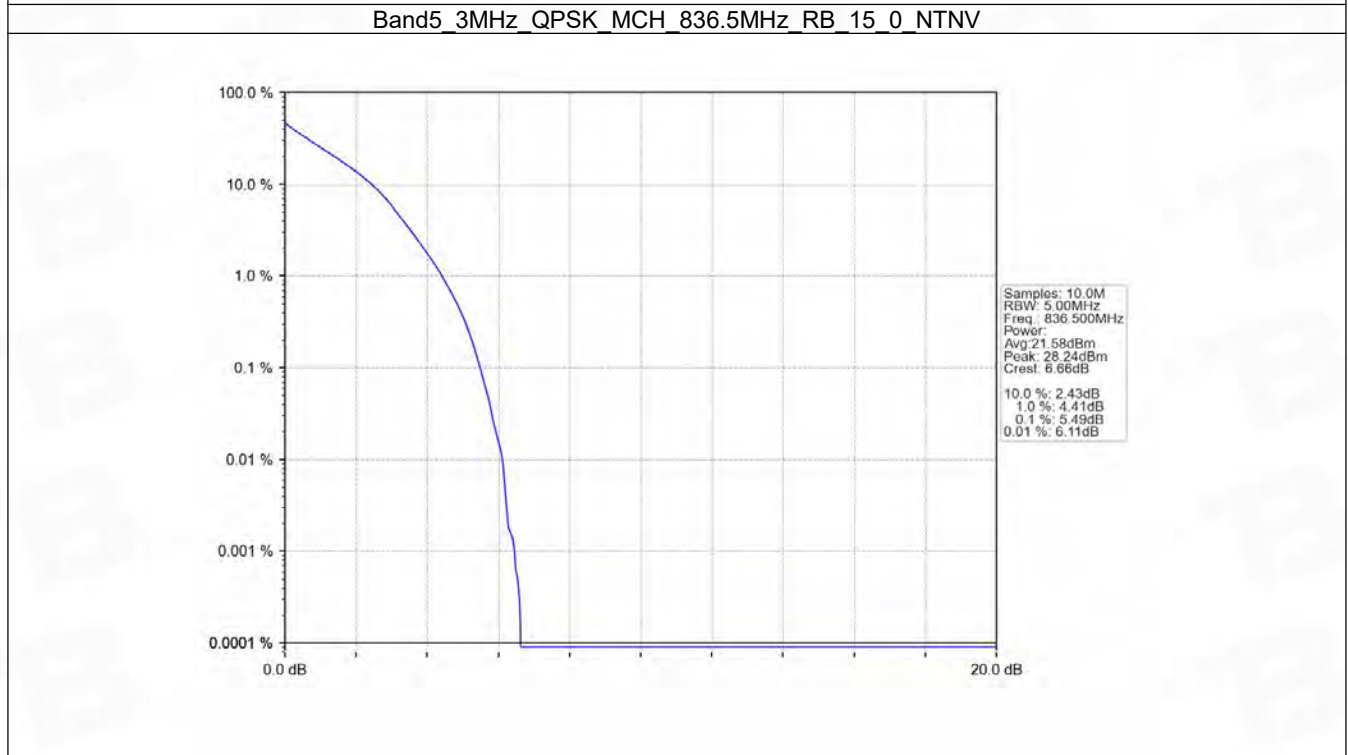
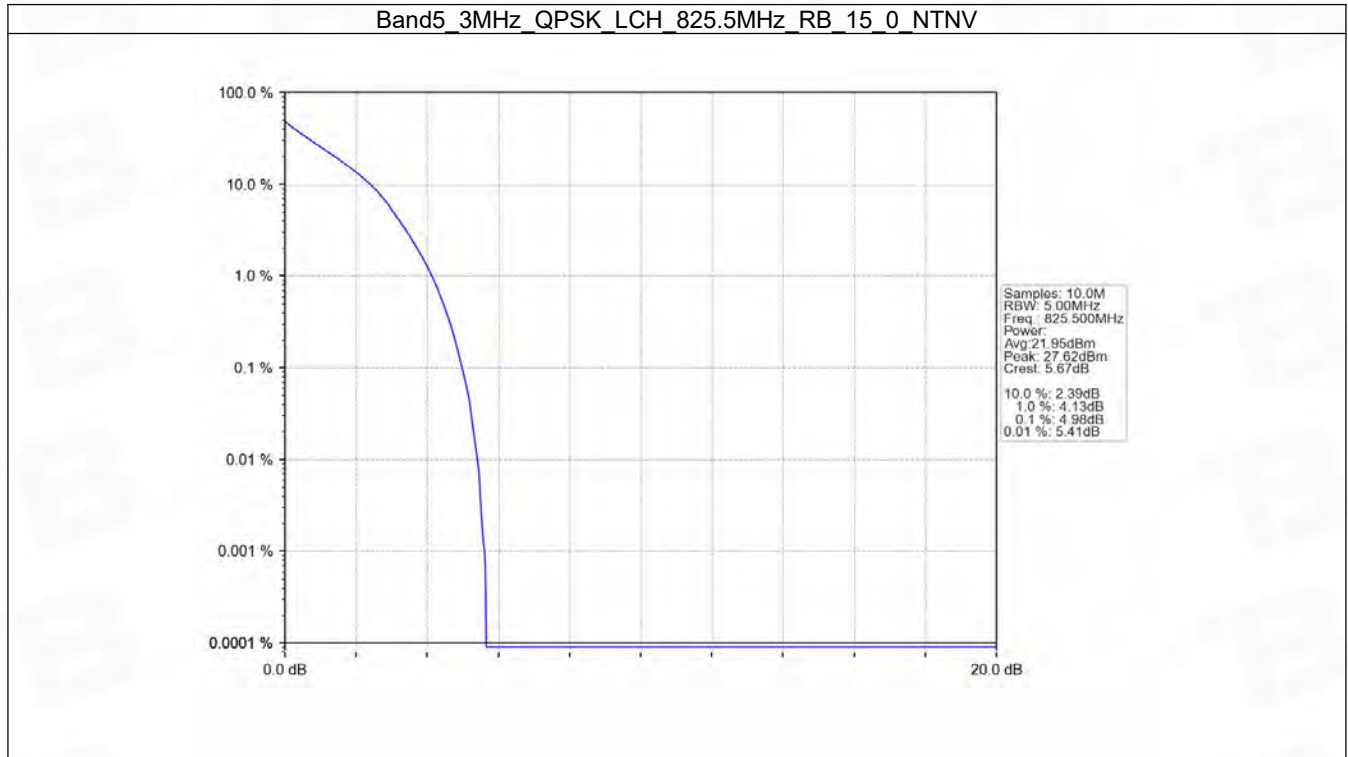


5.2 B5_3MHz

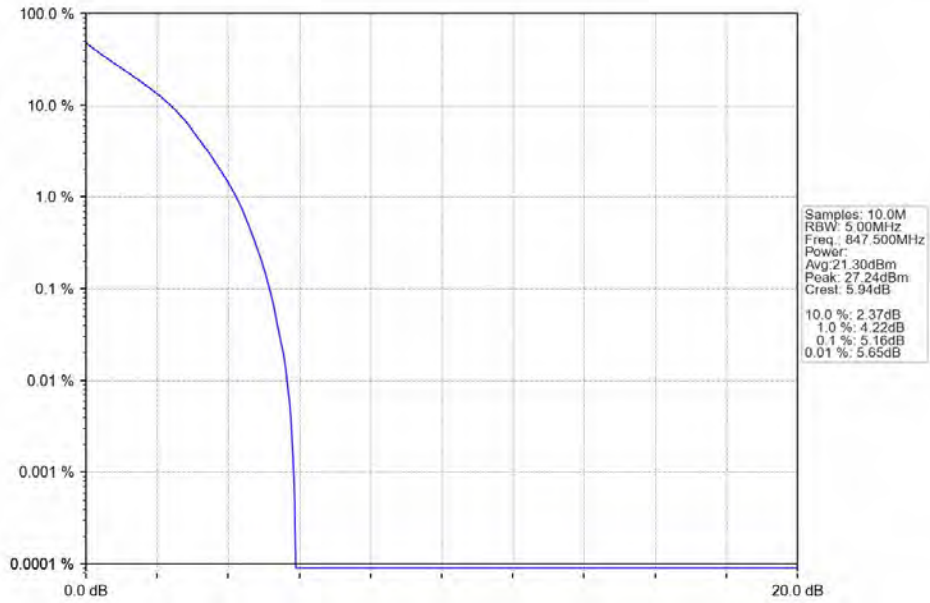
5.2.1 Test Result

Band: 5 / Bandwidth: 3MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	825.5	15	0	4.98	<=13	Pass
	836.5	15	0	5.49	<=13	Pass
	847.5	15	0	5.16	<=13	Pass
16QAM	825.5	15	0	5.77	<=13	Pass
	836.5	15	0	6.26	<=13	Pass
	847.5	15	0	6.04	<=13	Pass

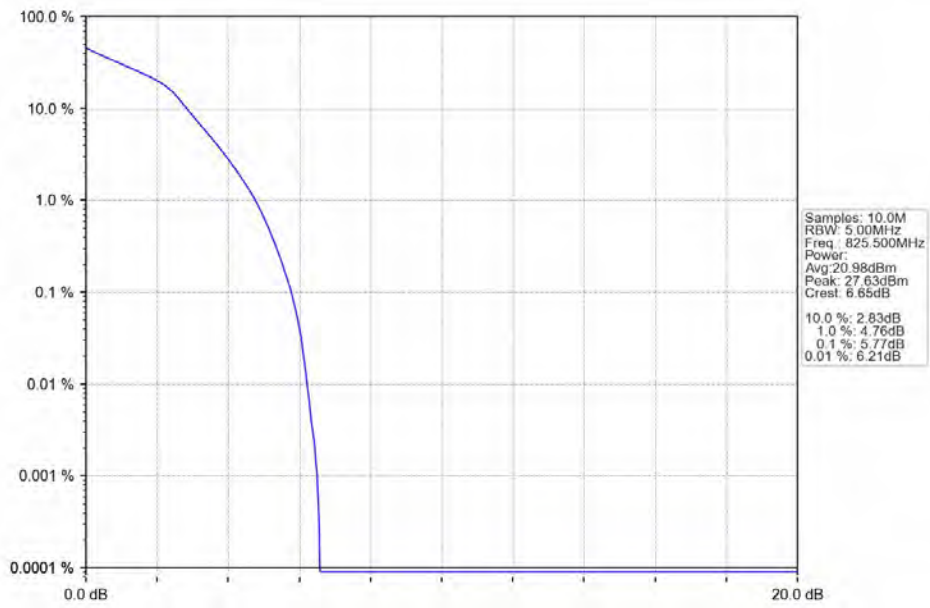
5.2.2 Test Graph



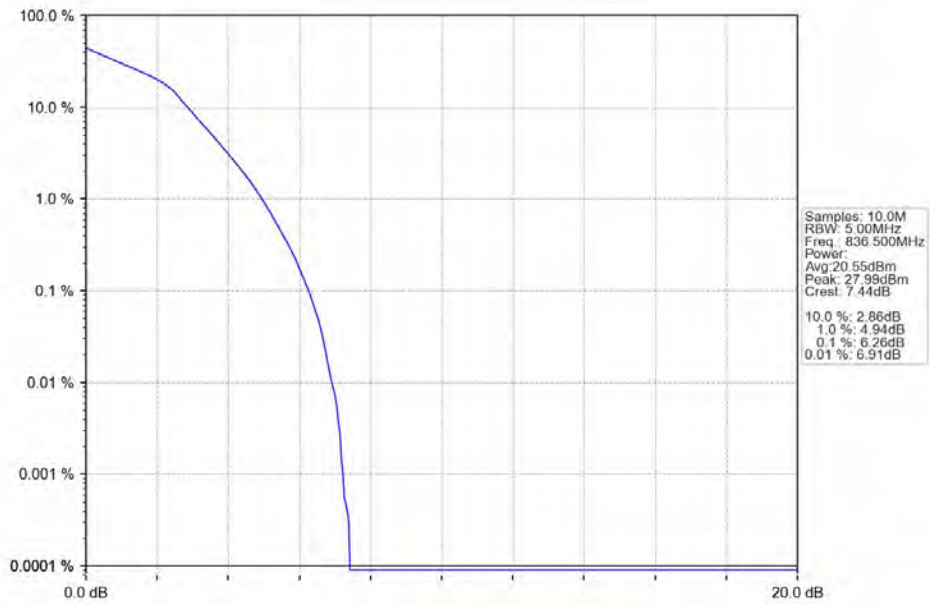
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



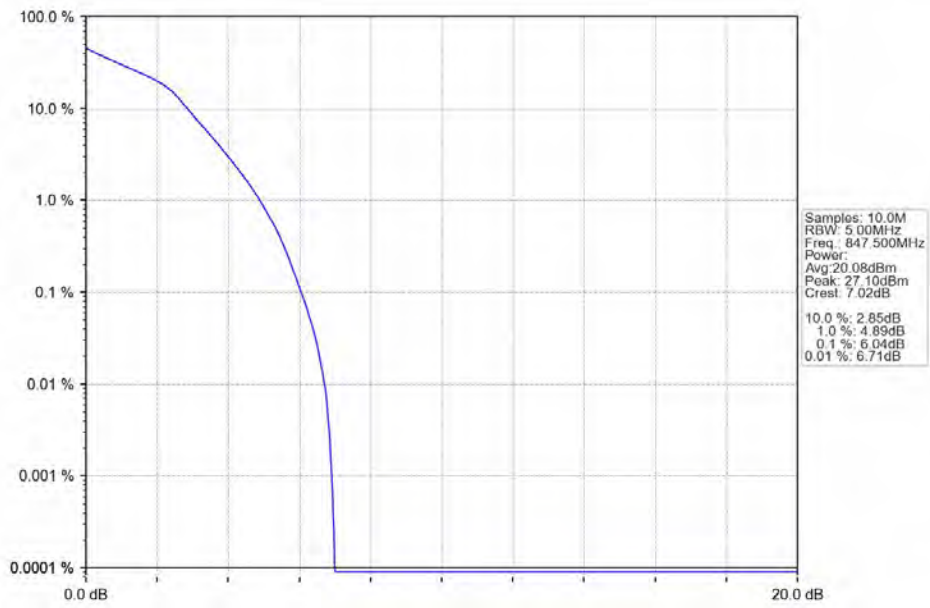
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV

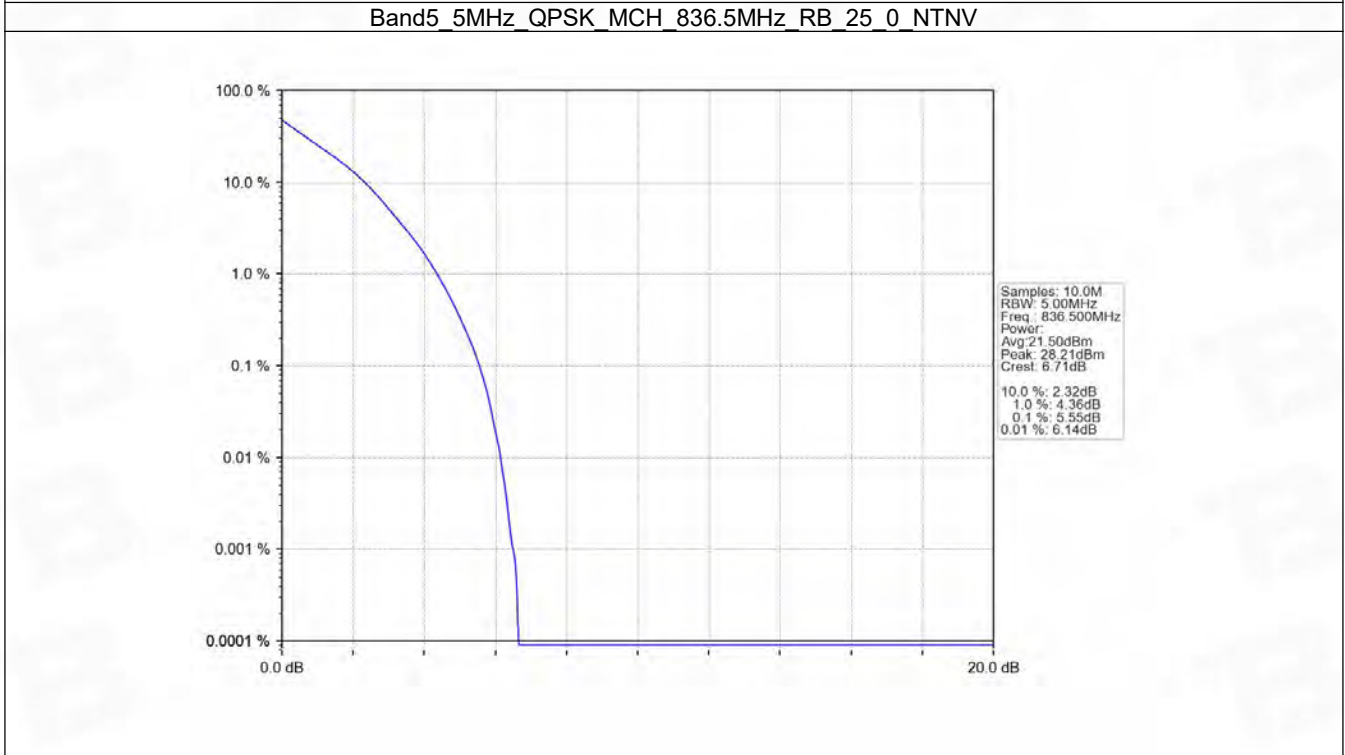
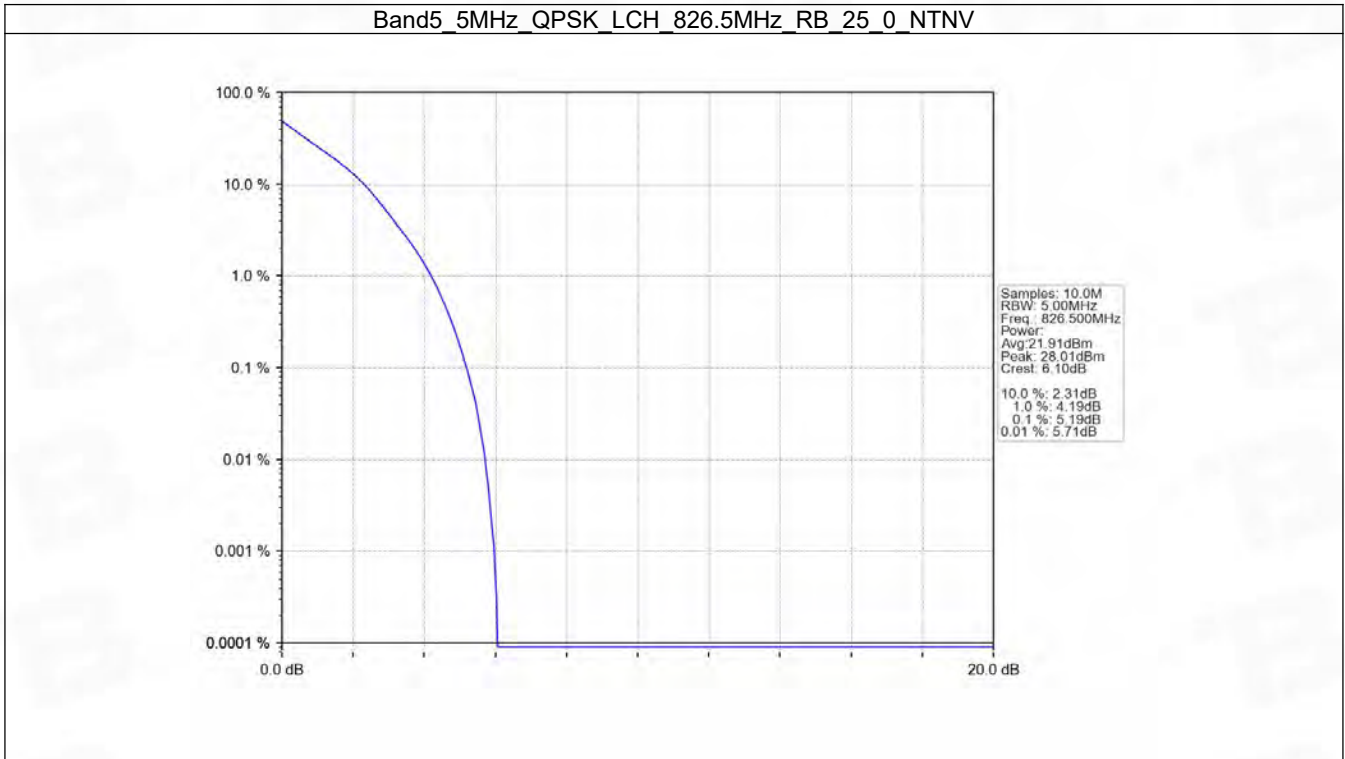


5.3 B5_5MHz

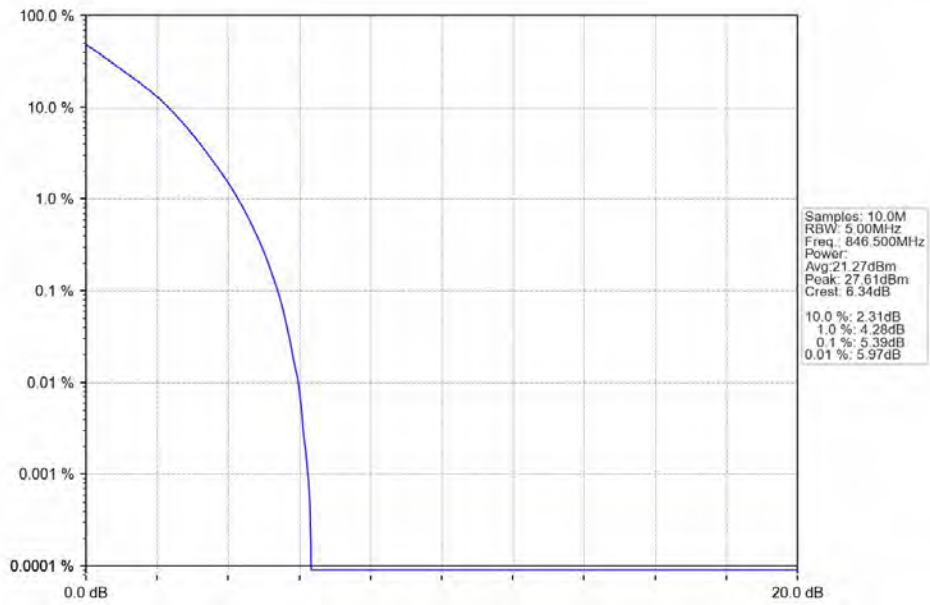
5.3.1 Test Result

Band: 5 / Bandwidth: 5MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	826.5	25	0	5.19	<=13	Pass
	836.5	25	0	5.55	<=13	Pass
	846.5	25	0	5.39	<=13	Pass
16QAM	826.5	25	0	5.98	<=13	Pass
	836.5	25	0	6.25	<=13	Pass
	846.5	25	0	6.08	<=13	Pass

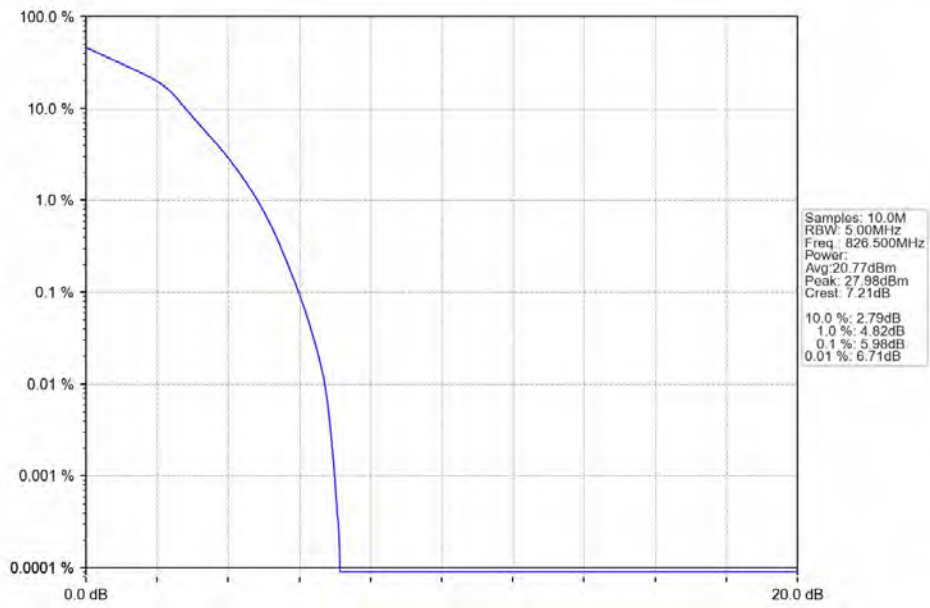
5.3.2 Test Graph



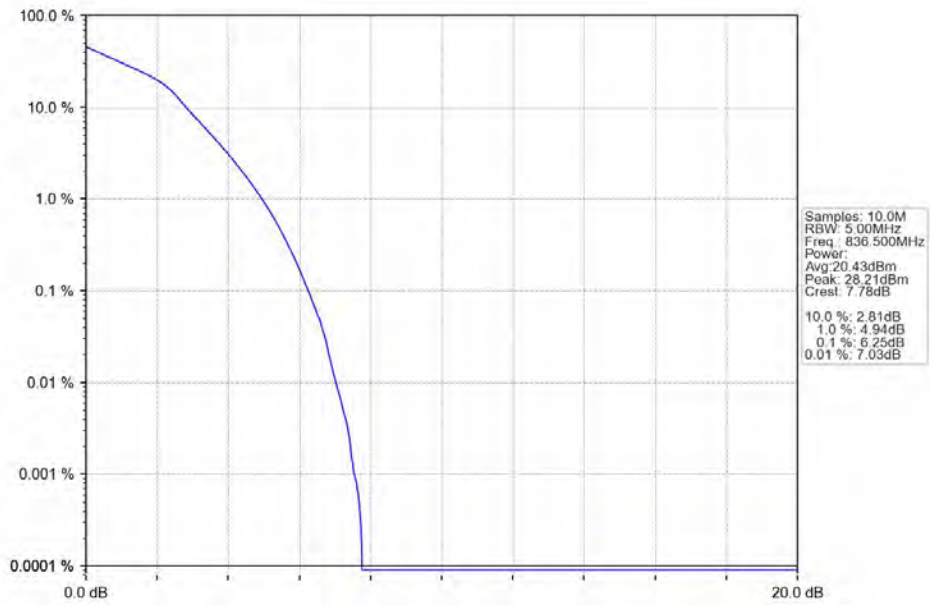
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



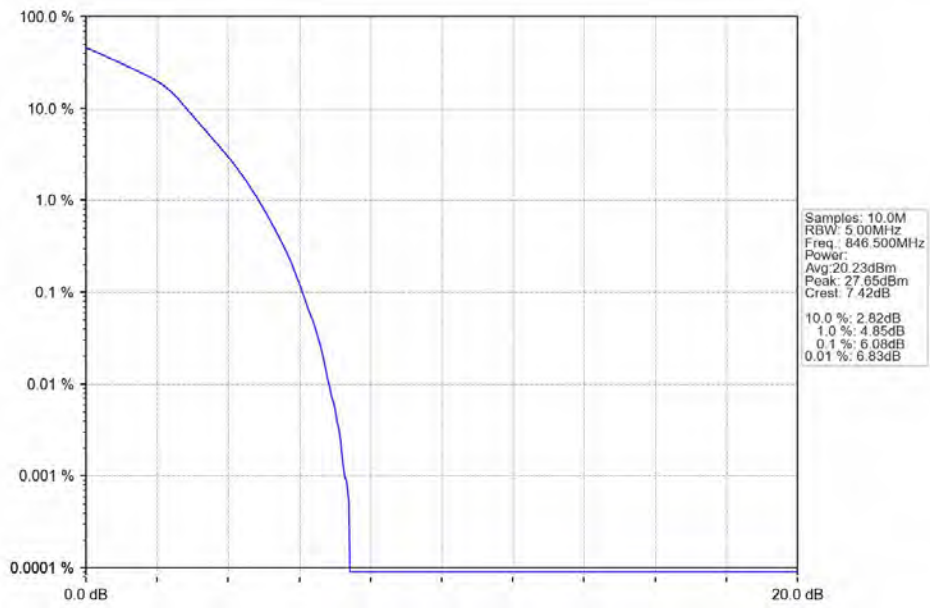
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV

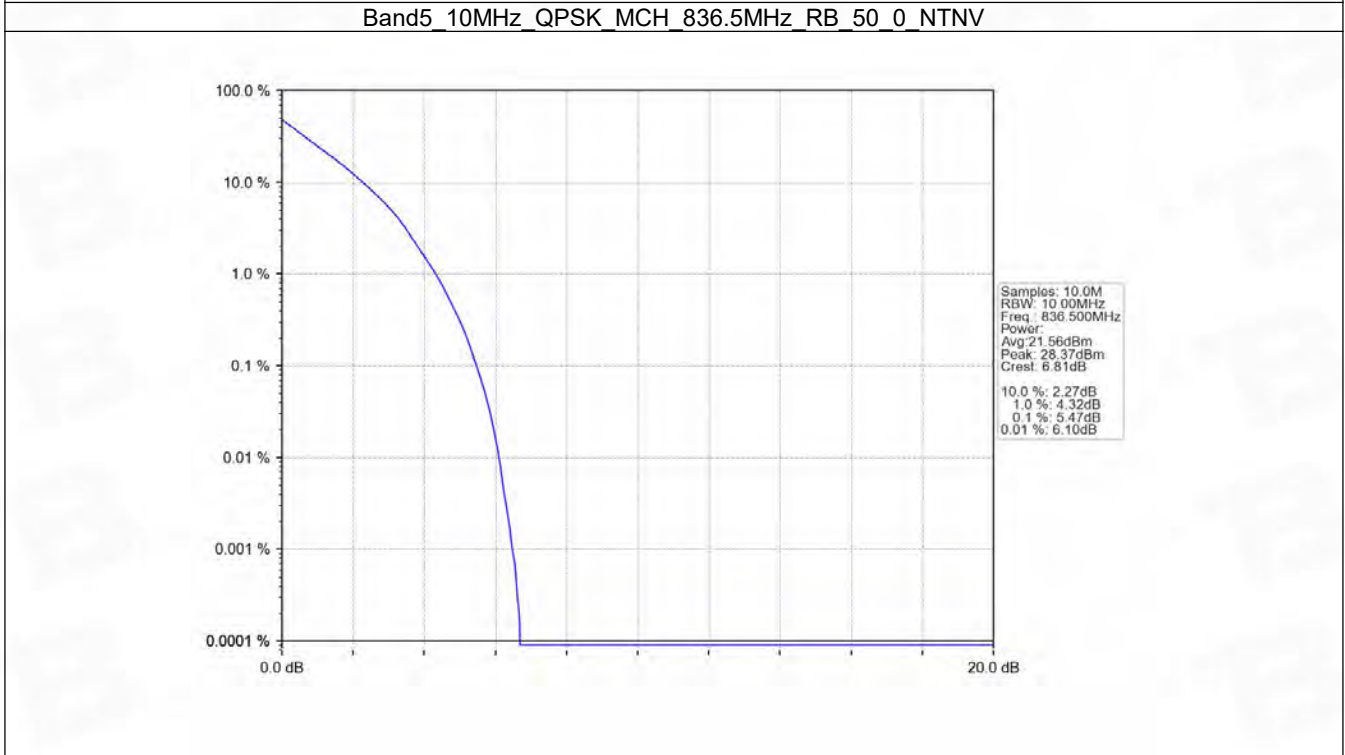
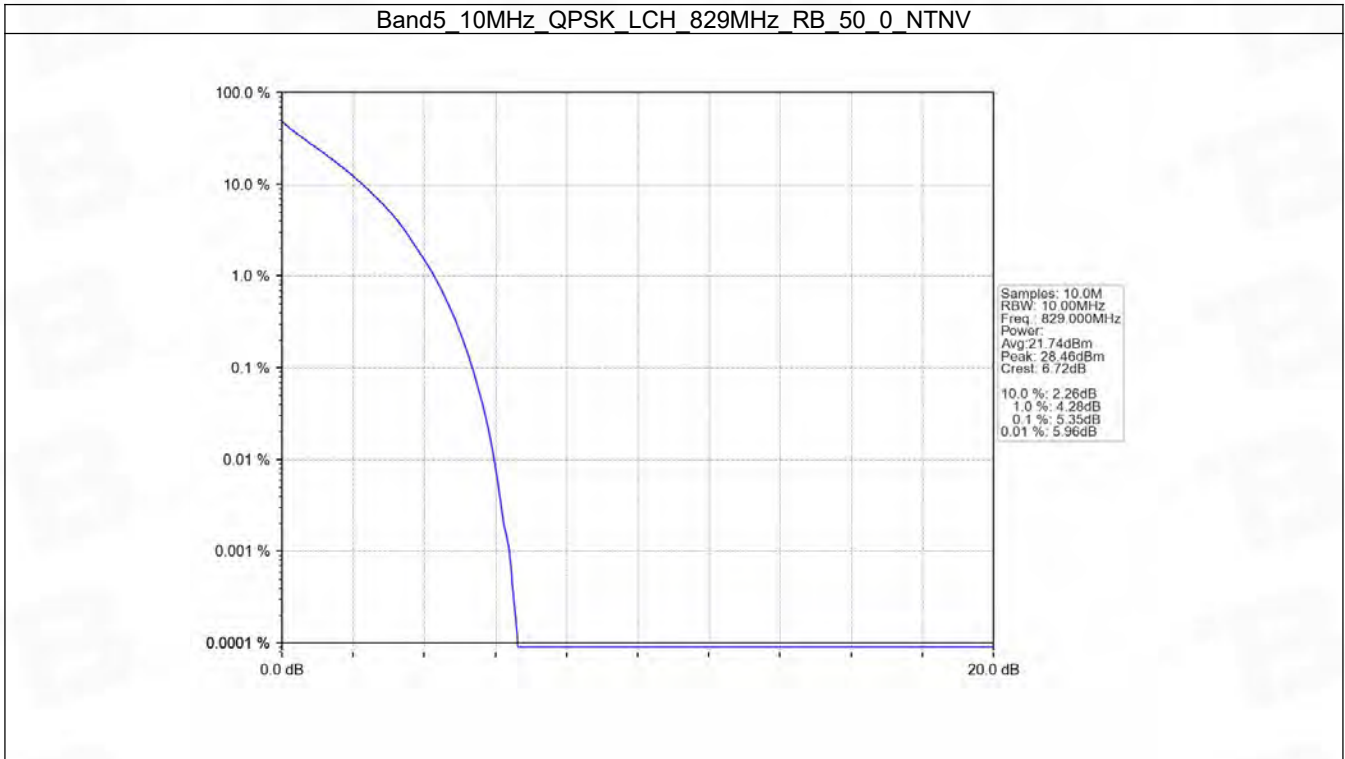


5.4 B5_10MHz

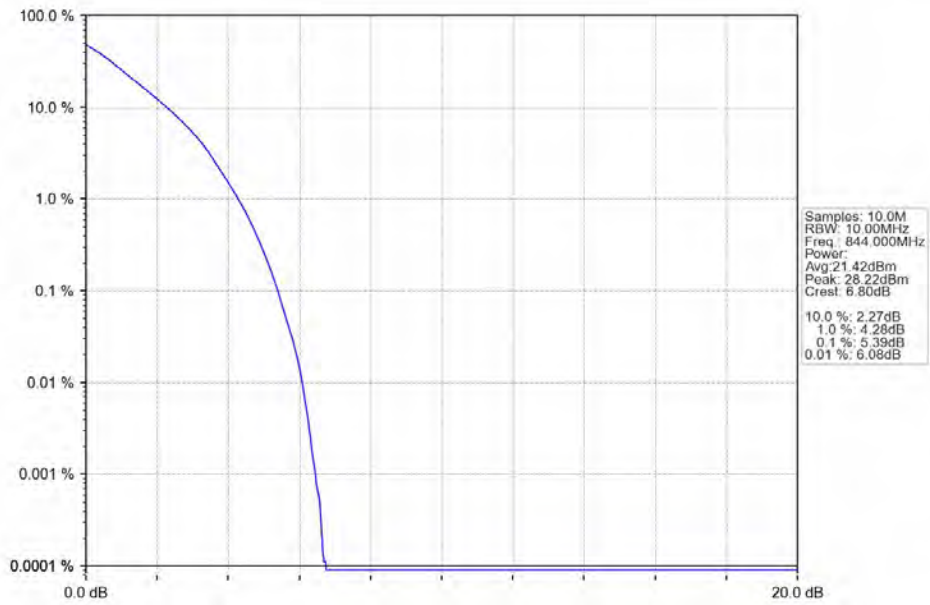
5.4.1 Test Result

Band: 5 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	829	50	0	5.35	<=13	Pass
	836.5	50	0	5.47	<=13	Pass
	844	50	0	5.39	<=13	Pass
16QAM	829	50	0	6.14	<=13	Pass
	836.5	50	0	6.20	<=13	Pass
	844	50	0	6.15	<=13	Pass

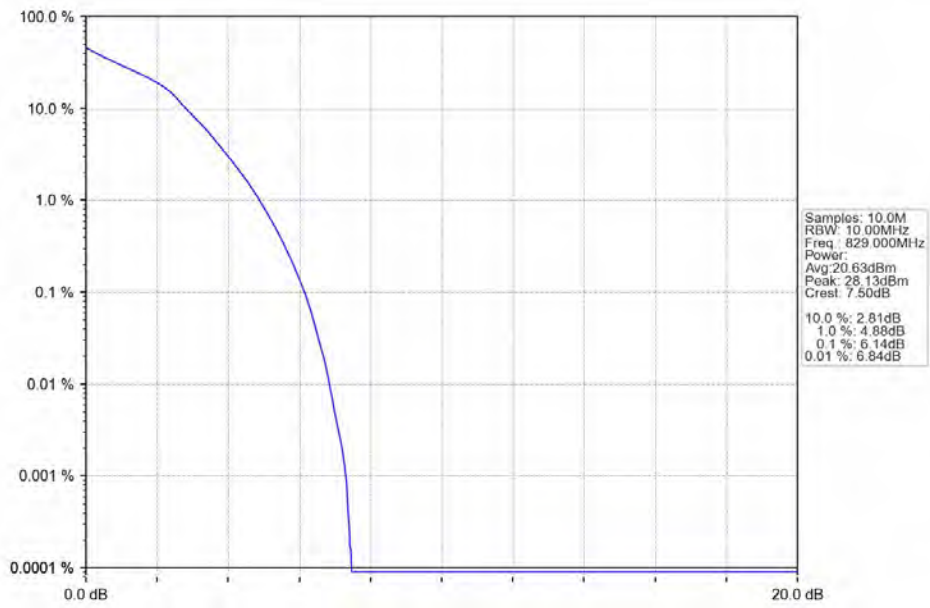
5.4.2 Test Graph



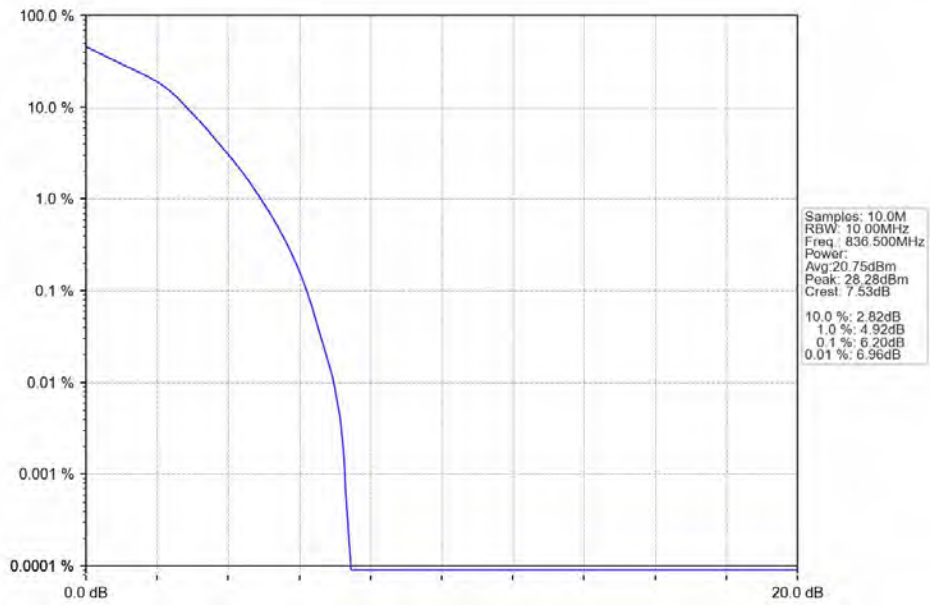
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



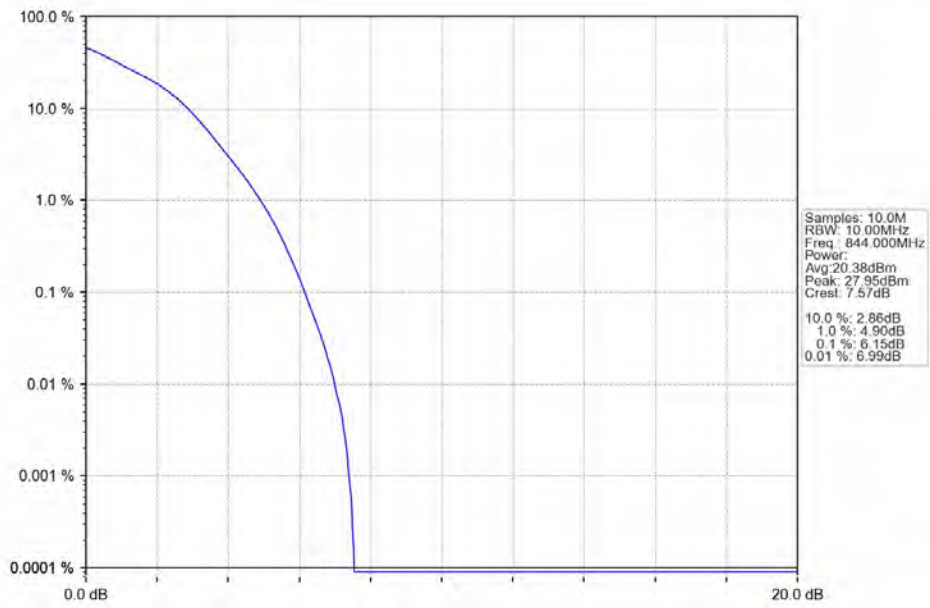
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



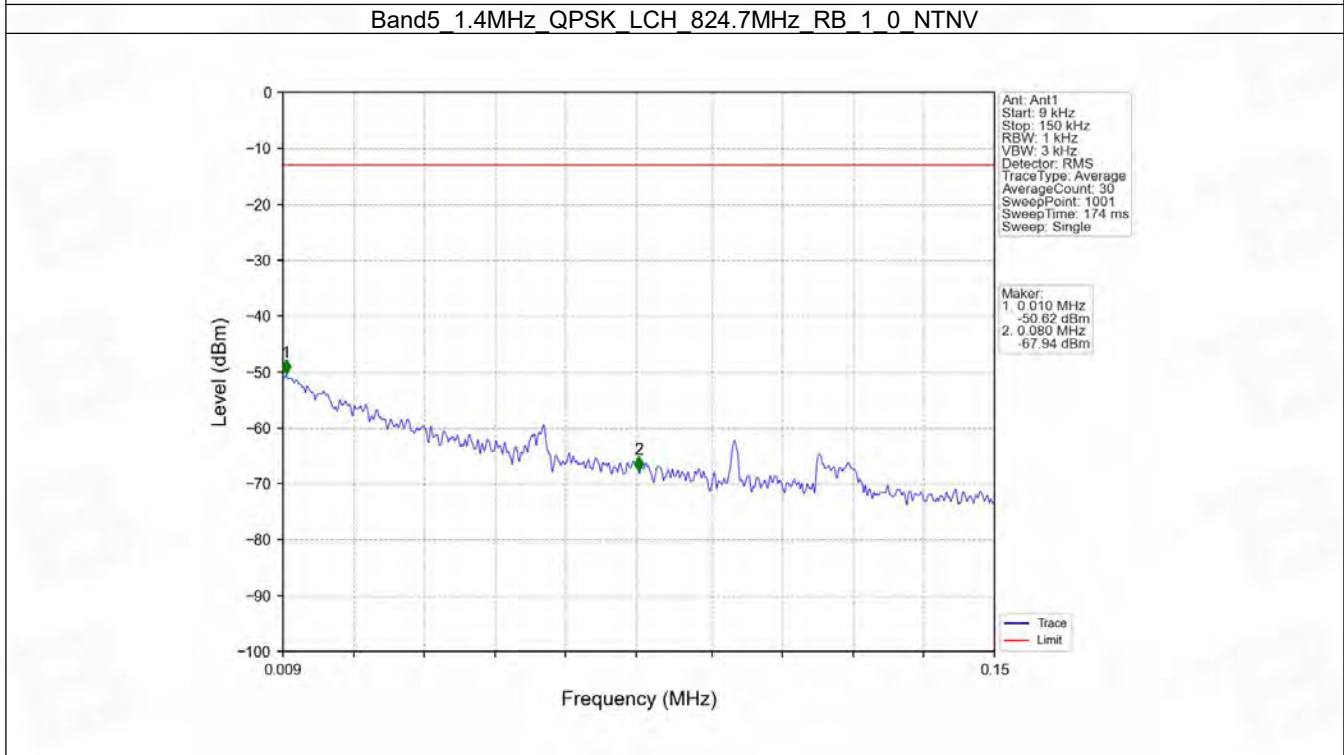
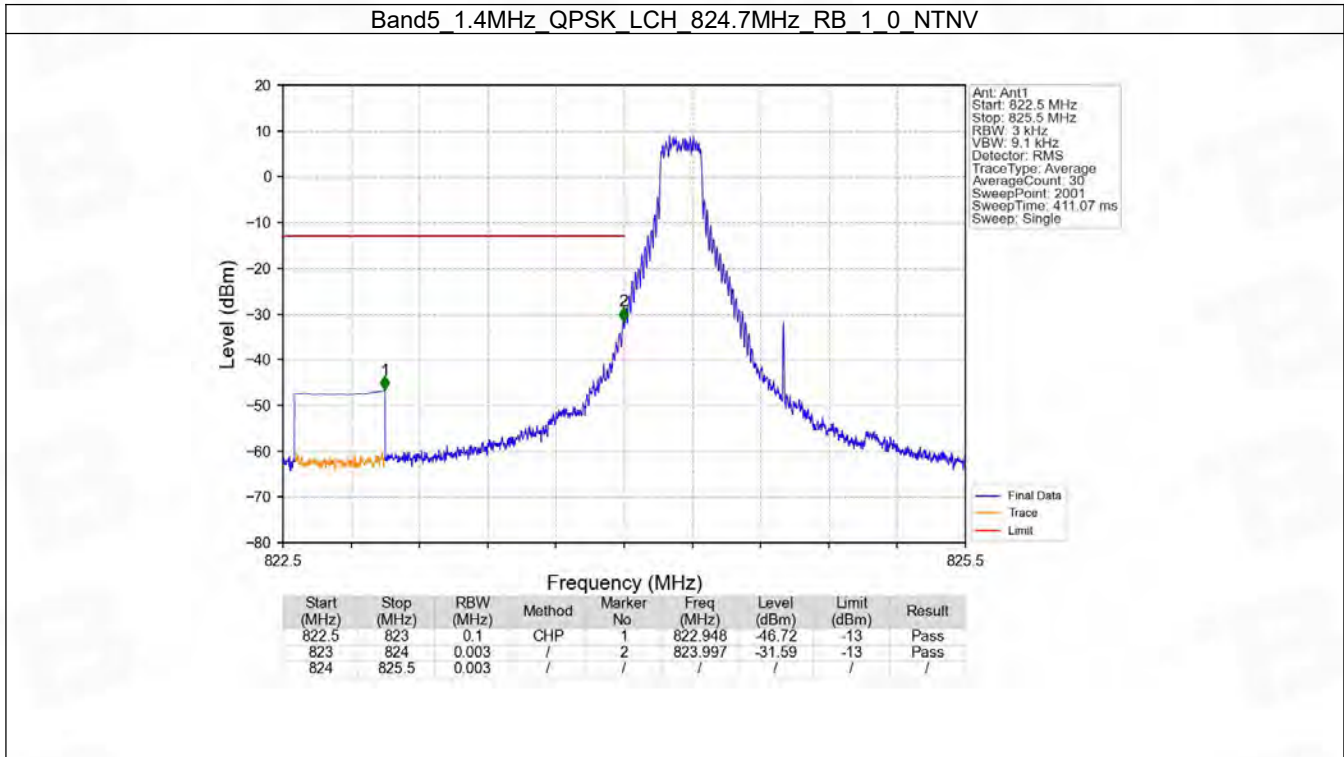
6. Spurious Emission

6.1 B5_1.4MHz

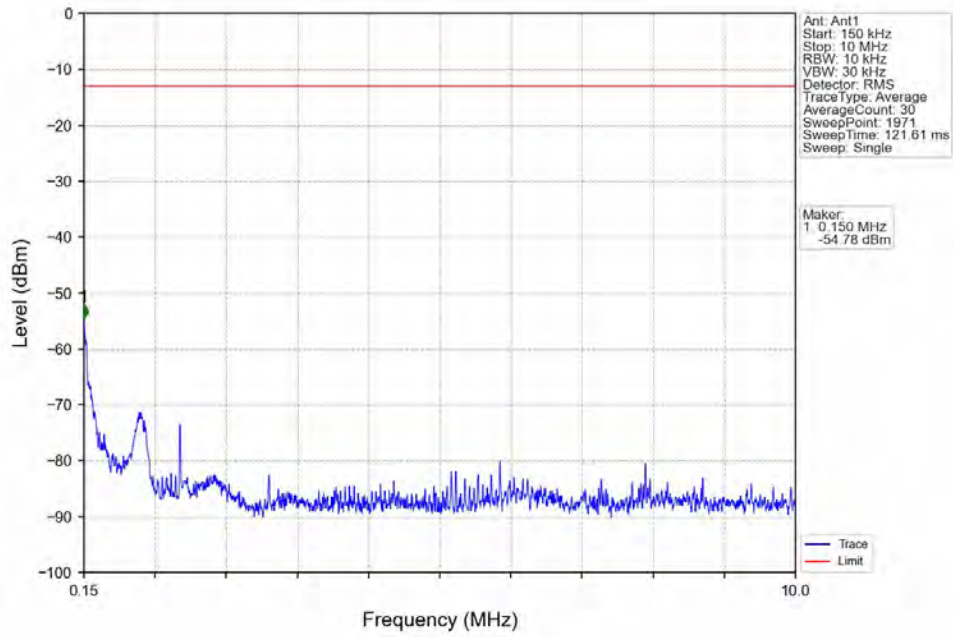
6.1.1 Test Result

Band: 5 / Bandwidth: 1.4MHz / 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	Pass
				5	Refer To Test Graph	Pass
			6	0	Refer To Test Graph	Pass
16QAM	824.7	1	0	Refer To Test Graph	Pass	
		6	0	Refer To Test Graph	Pass	
	836.5	1	0	Refer To Test Graph	Pass	
		848.3	1	0	Refer To Test Graph	Pass
				5	Refer To Test Graph	Pass
			6	0	Refer To Test Graph	Pass

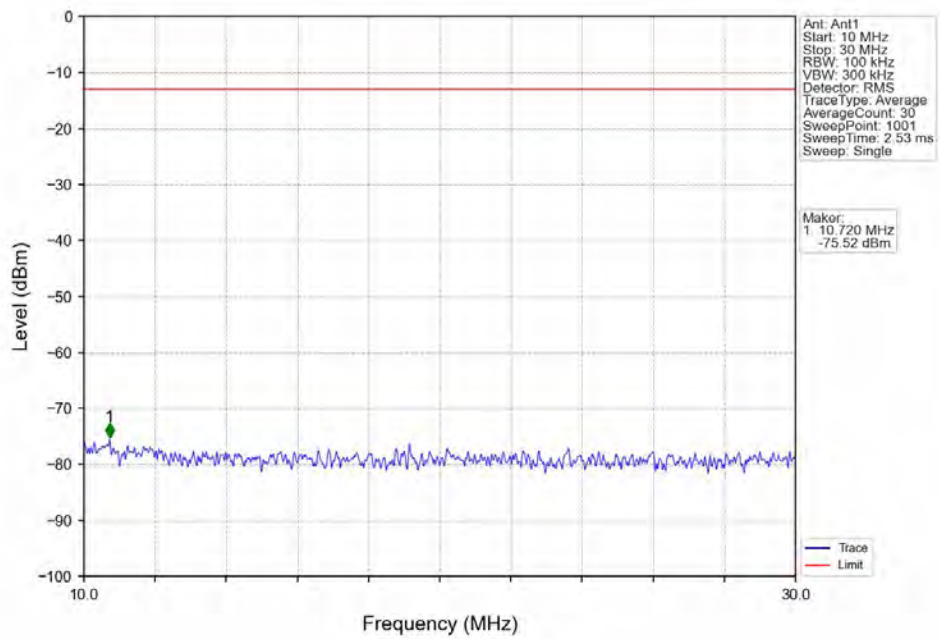
6.1.2 Test Graph



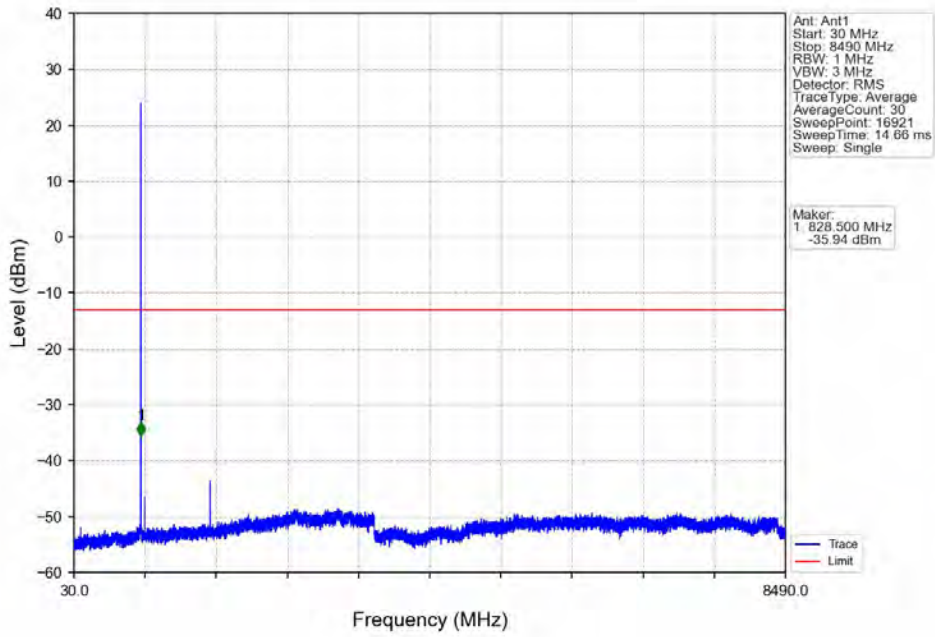
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV



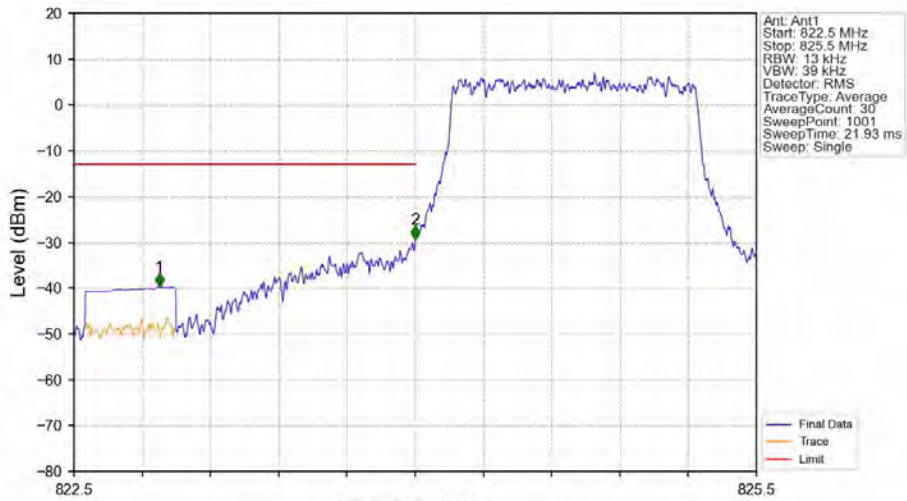
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV



Band5 1.4MHz QPSK LCH 824.7MHz RB 1 0 NTN

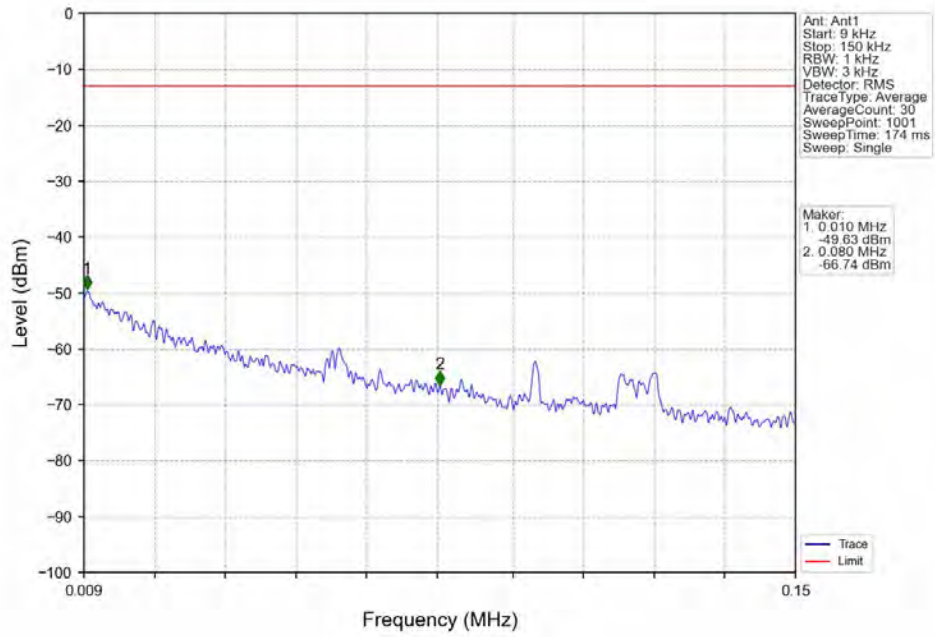


Band5 1.4MHz QPSK LCH 824.7MHz RB 6 0 NTN

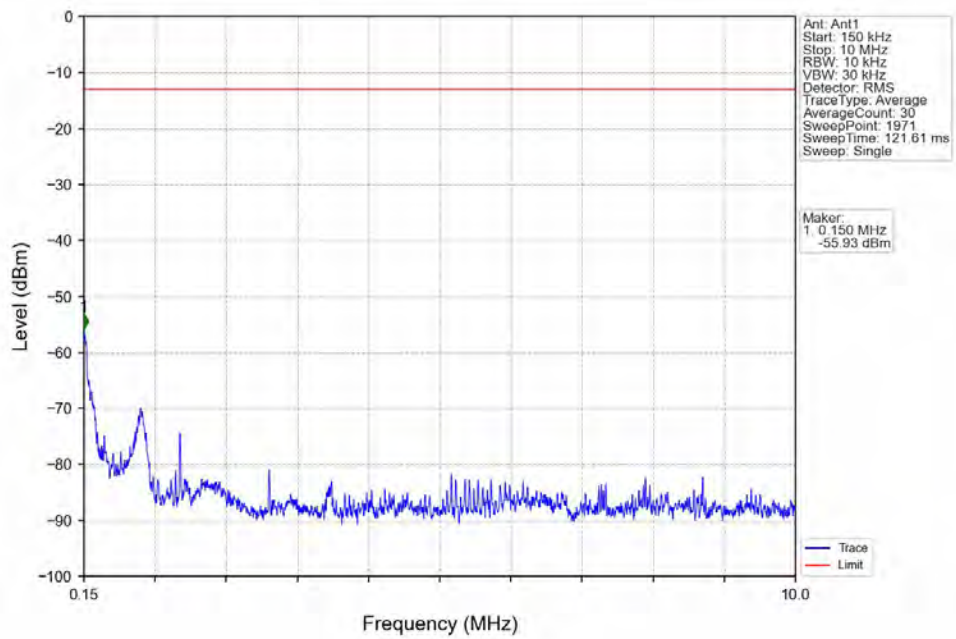


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	823	0.1	CHP	1	822.875	-39.77	-13	Pass
823	824	0.013	/	2	824.000	-29.41	-13	Pass
824	825.5	0.013	/	/	/	/	/	/

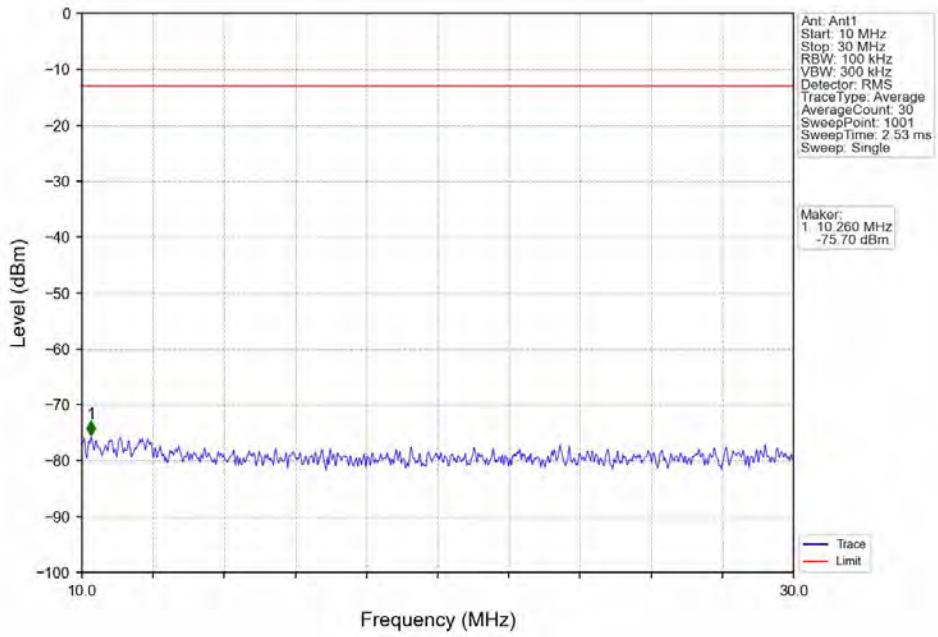
Band5 1.4MHz QPSK MCH 836.5MHz RB 1_0_NTNV



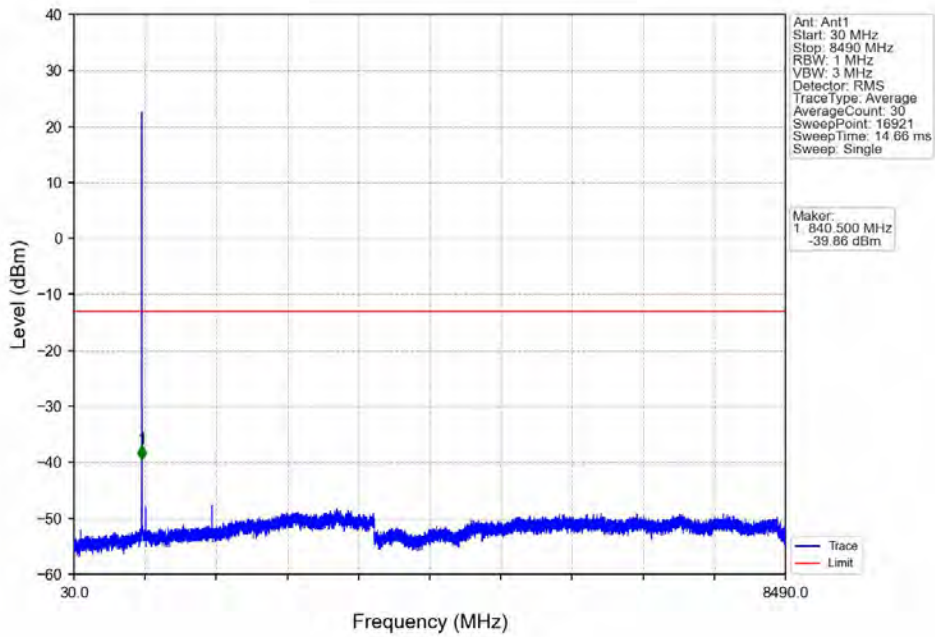
Band5 1.4MHz QPSK MCH 836.5MHz RB 1_0_NTNV



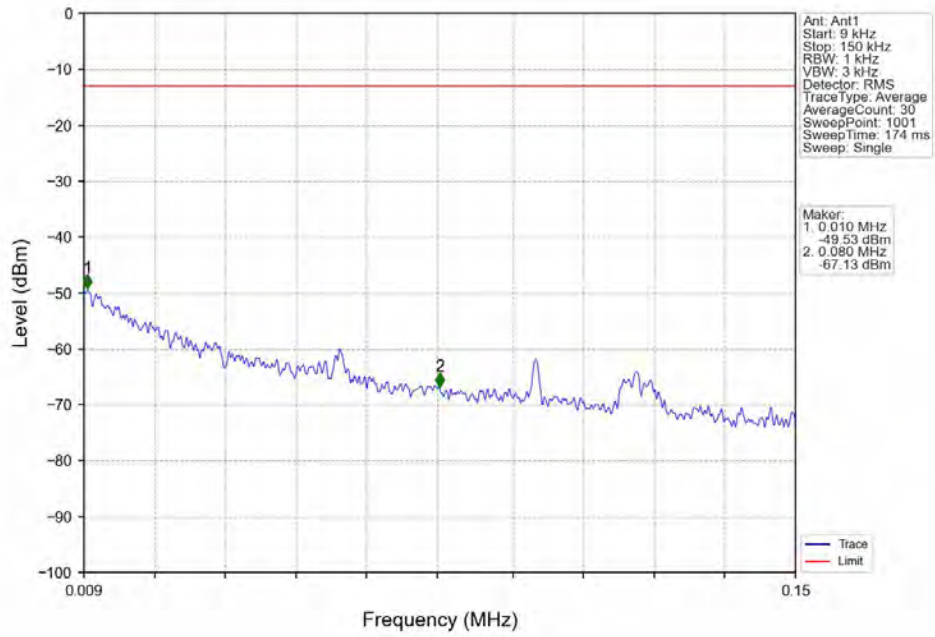
Band5 1.4MHz QPSK MCH 836.5MHz RB 1_0 NTN



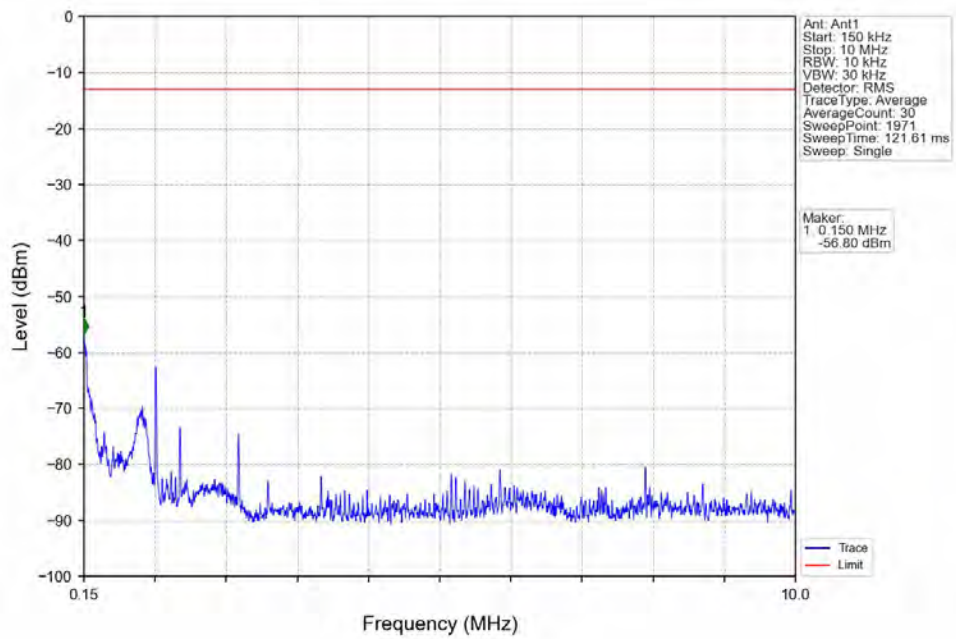
Band5 1.4MHz QPSK MCH 836.5MHz RB 1_0 NTN



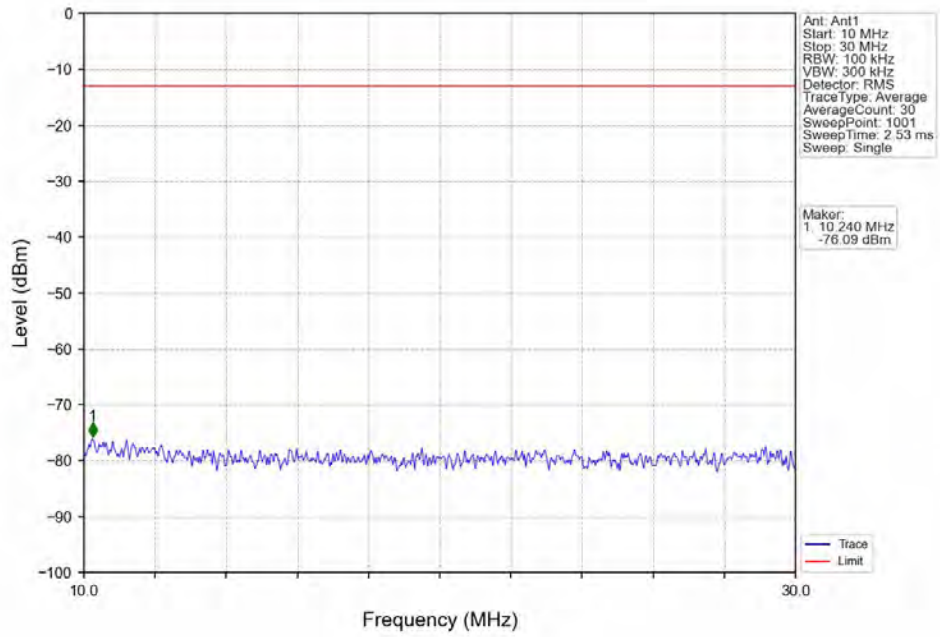
Band5 1.4MHz QPSK HCH 848.3MHz RB 1_0 NTN



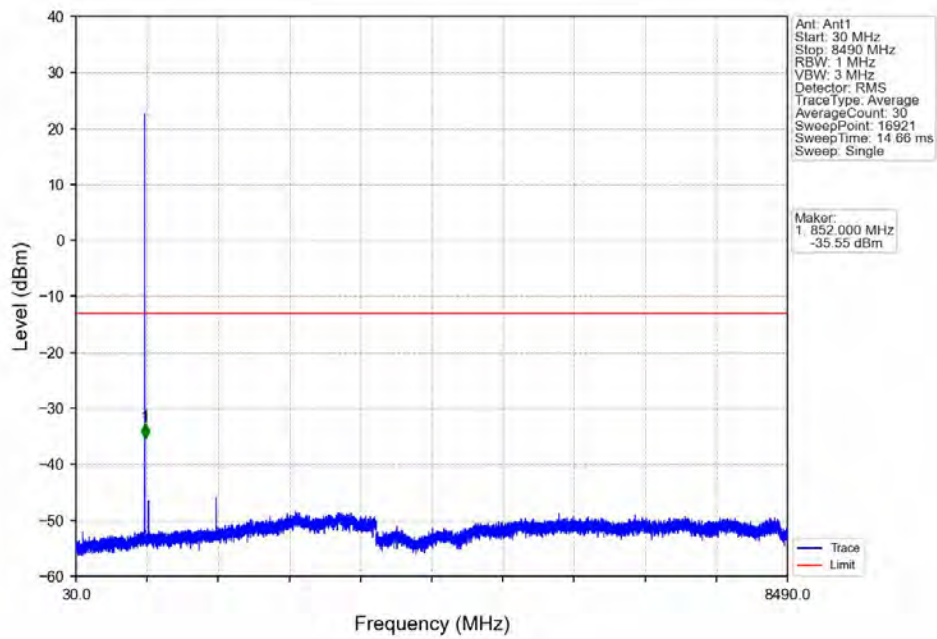
Band5 1.4MHz QPSK HCH 848.3MHz RB 1_0 NTN



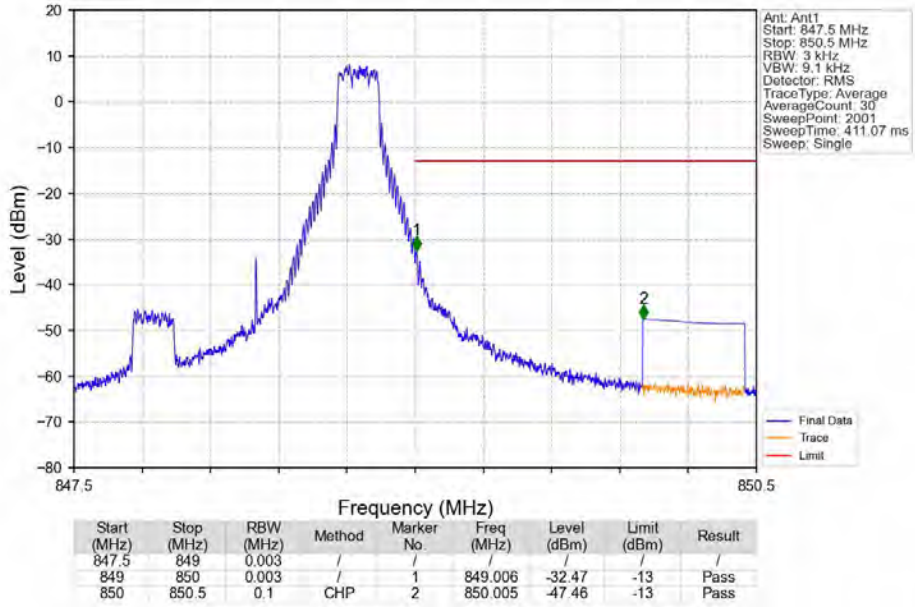
Band5 1.4MHz QPSK HCH 848.3MHz RB 1_0 NTN



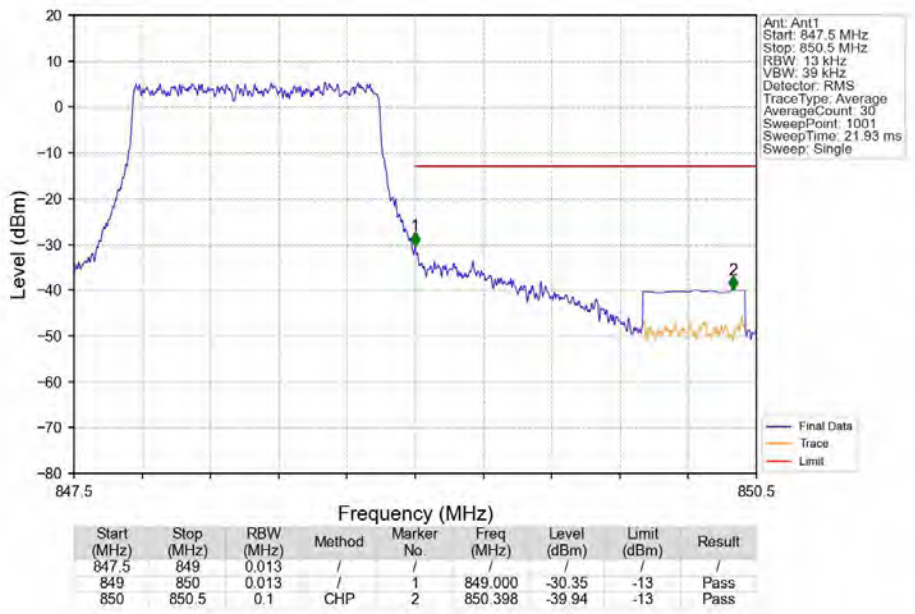
Band5 1.4MHz QPSK HCH 848.3MHz RB 1_0 NTN



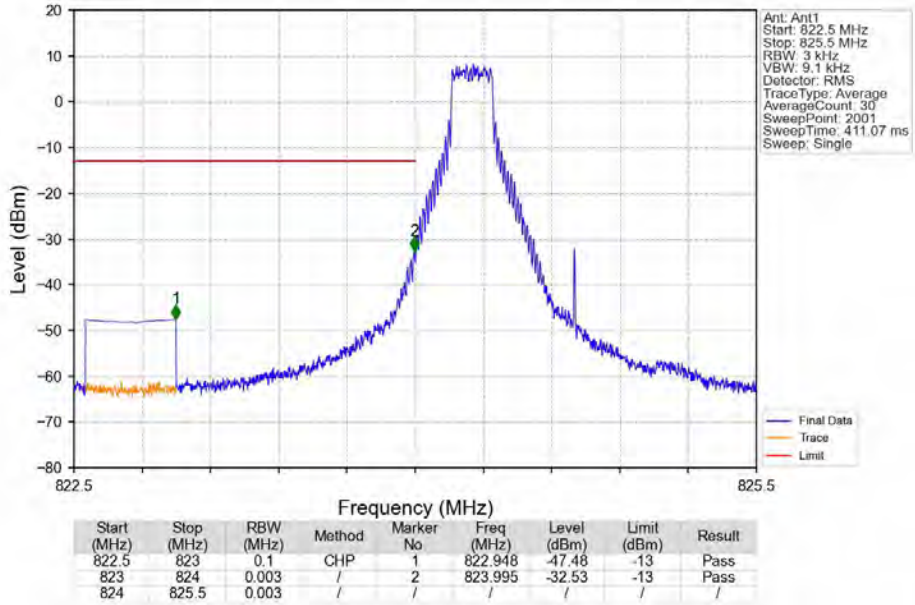
Band5 1.4MHz QPSK HCH 848.3MHz RB 1_5 NTV



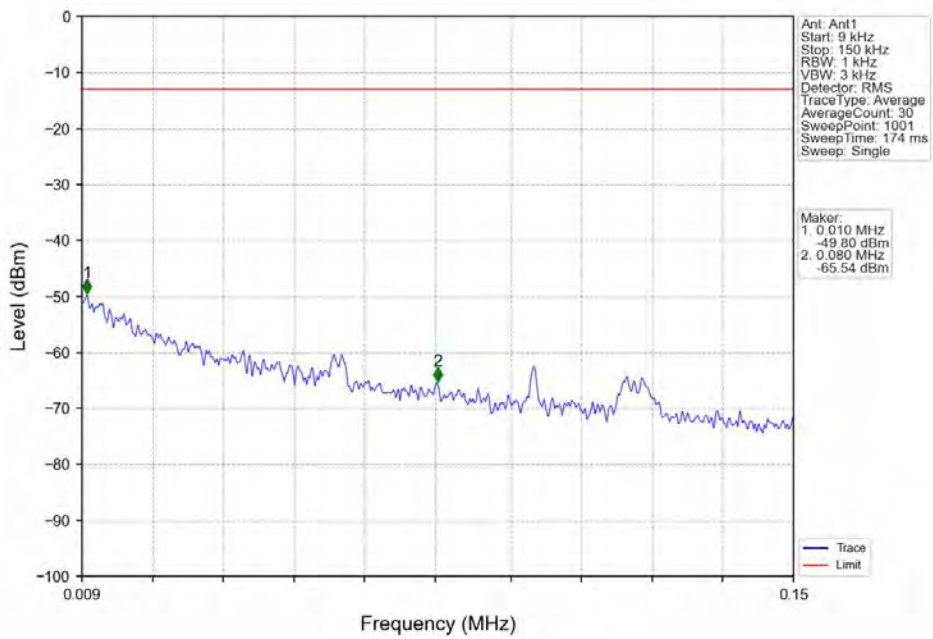
Band5 1.4MHz QPSK HCH 848.3MHz RB 6_0 NTV



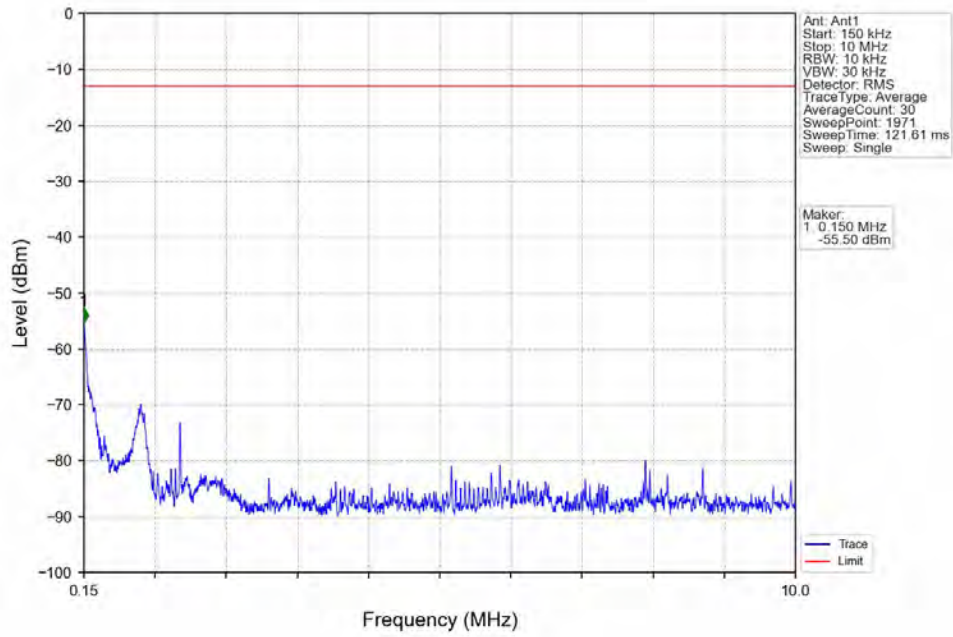
Band5 1.4MHz 16QAM LCH 824.7MHz RB 1 0 NTV



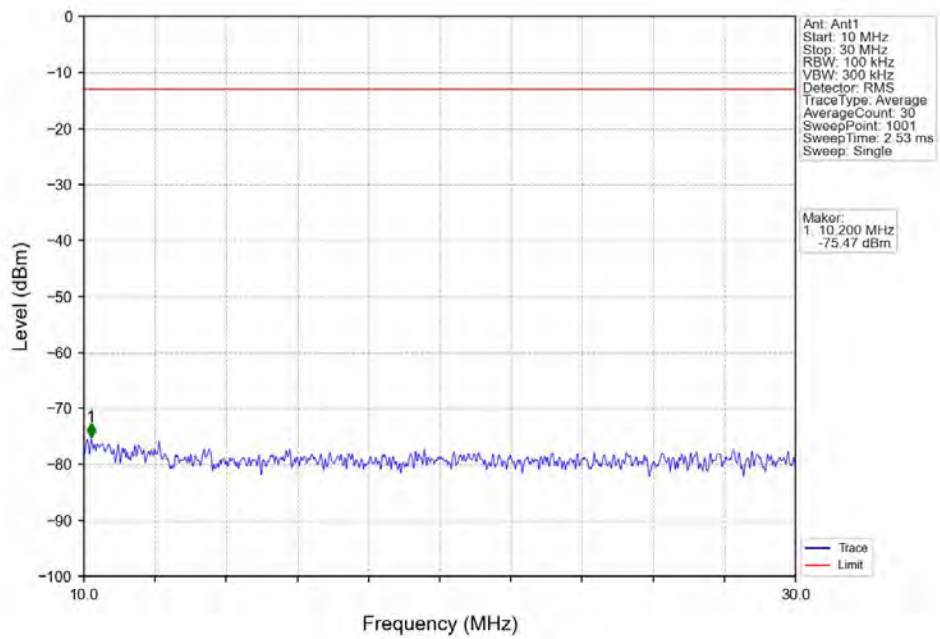
Band5 1.4MHz 16QAM LCH 824.7MHz RB 1 0 NTV



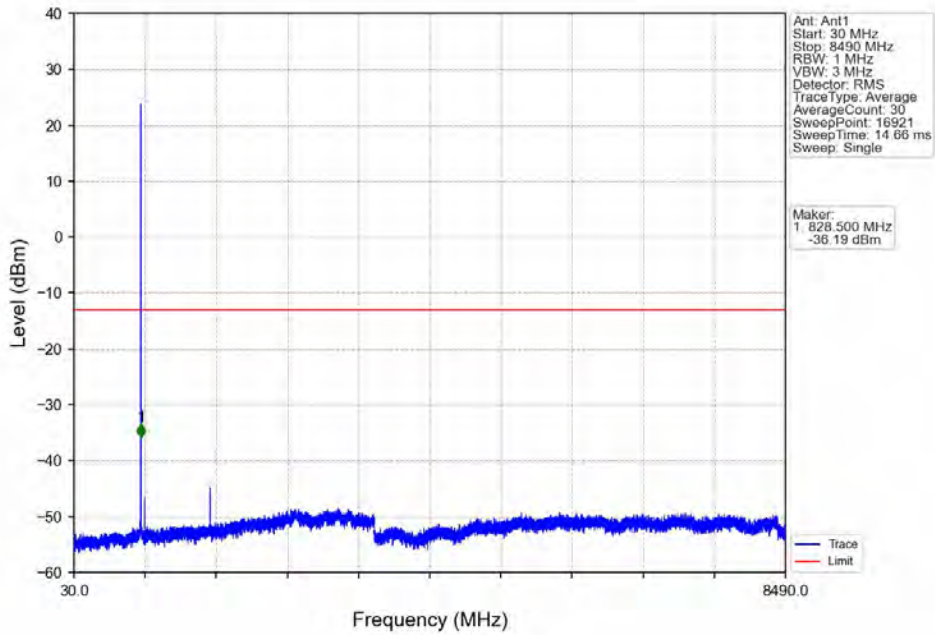
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_1_0_NTNV



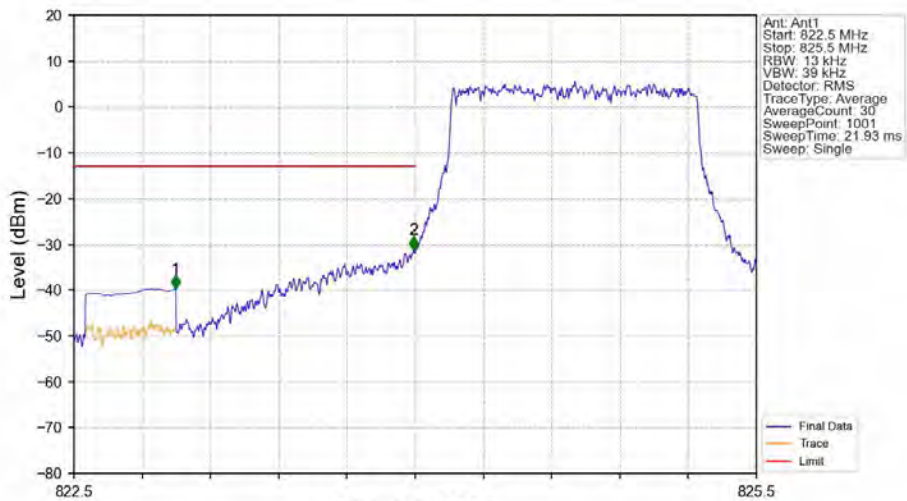
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_1_0_NTNV



Band5 1.4MHz 16QAM LCH 824.7MHz RB 1 0_NTNV

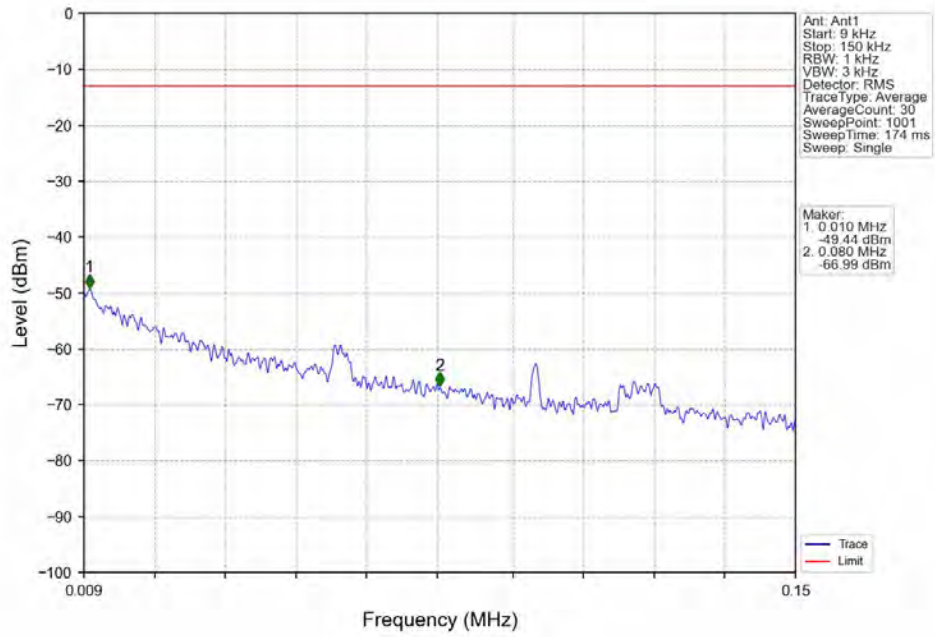


Band5 1.4MHz 16QAM LCH 824.7MHz RB 6 0_NTNV

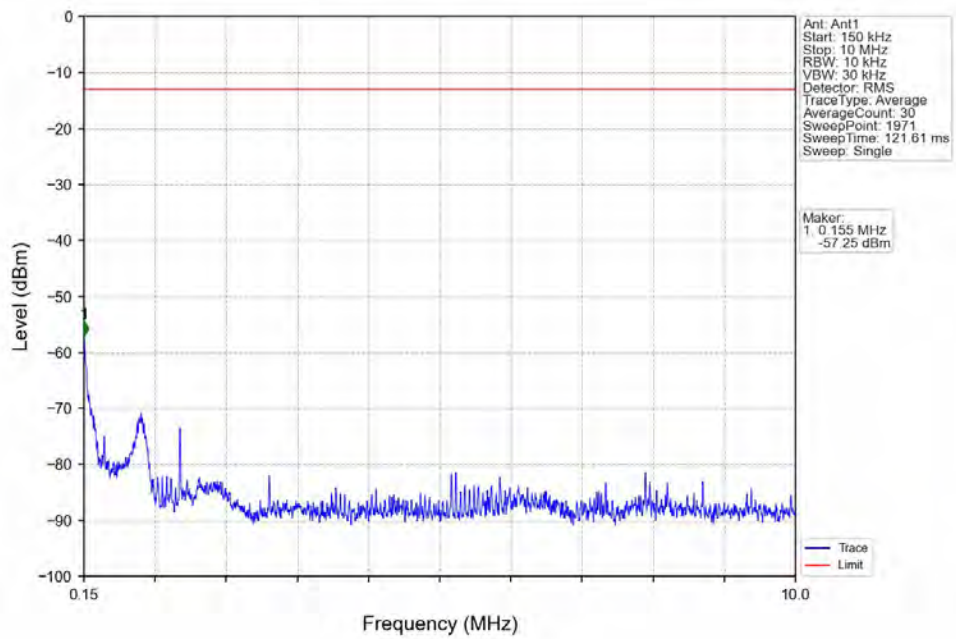


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	823	0.1	CHP	1	822.947	-39.75	-13	Pass
823	824	0.013	/	2	823.994	-31.25	-13	Pass
824	825.5	0.013	/	/	/	/	/	/

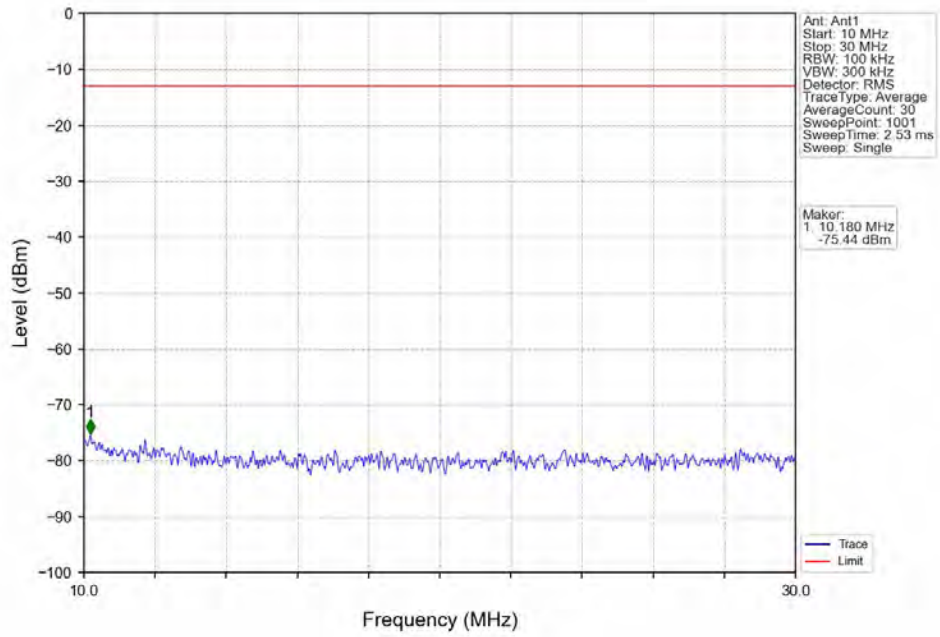
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_1_0_NTV



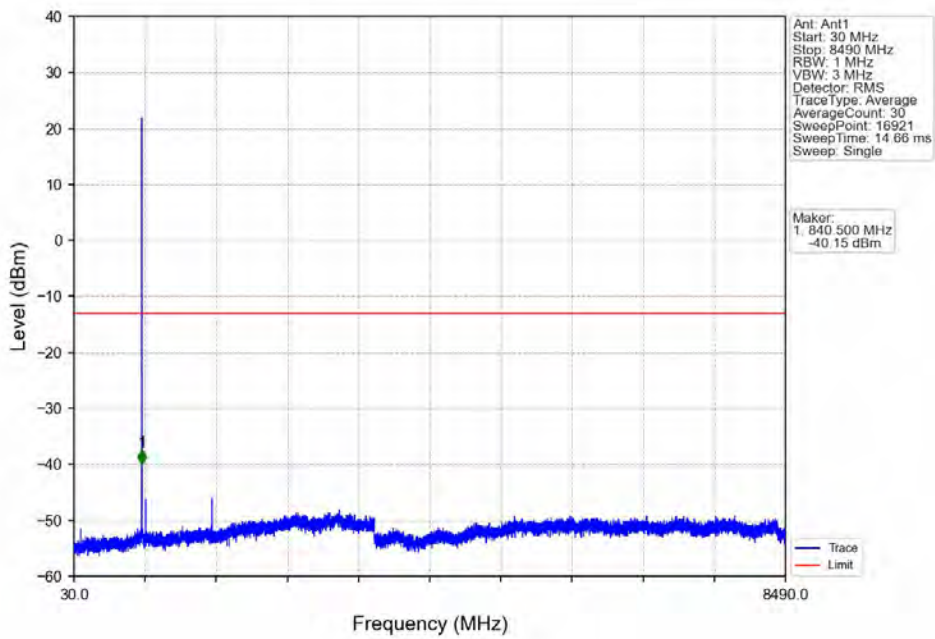
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_1_0_NTV



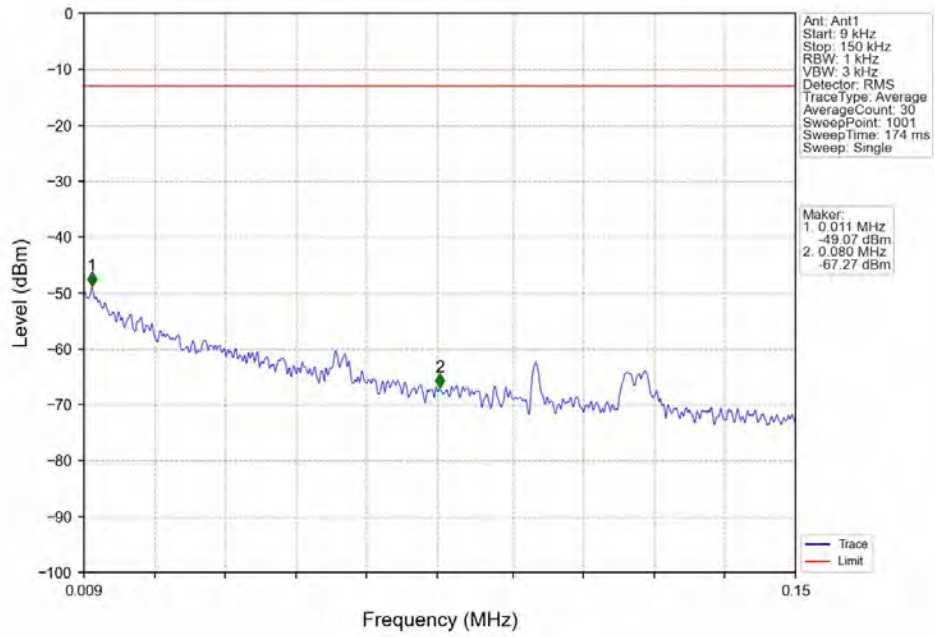
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



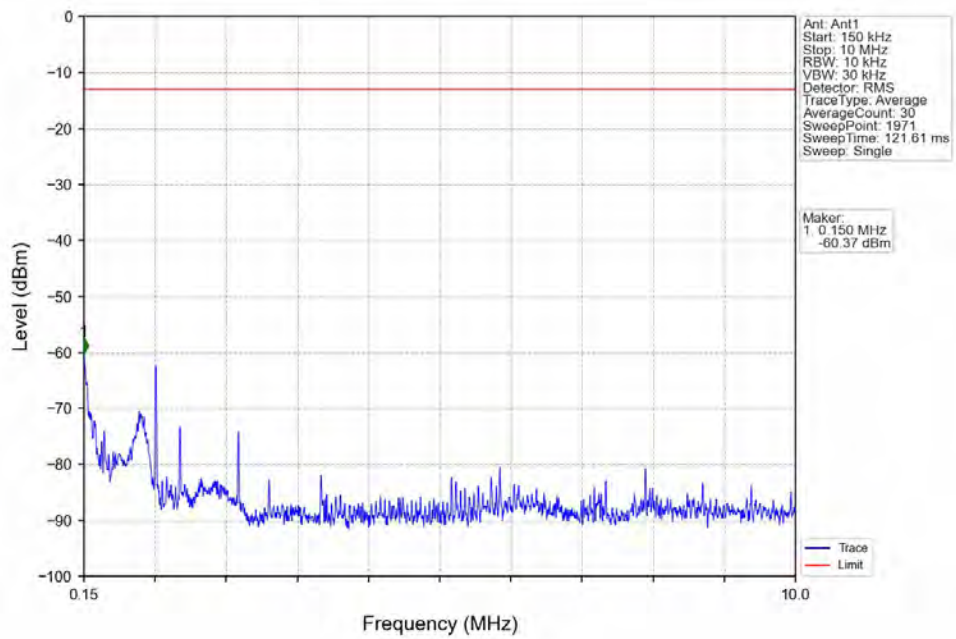
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



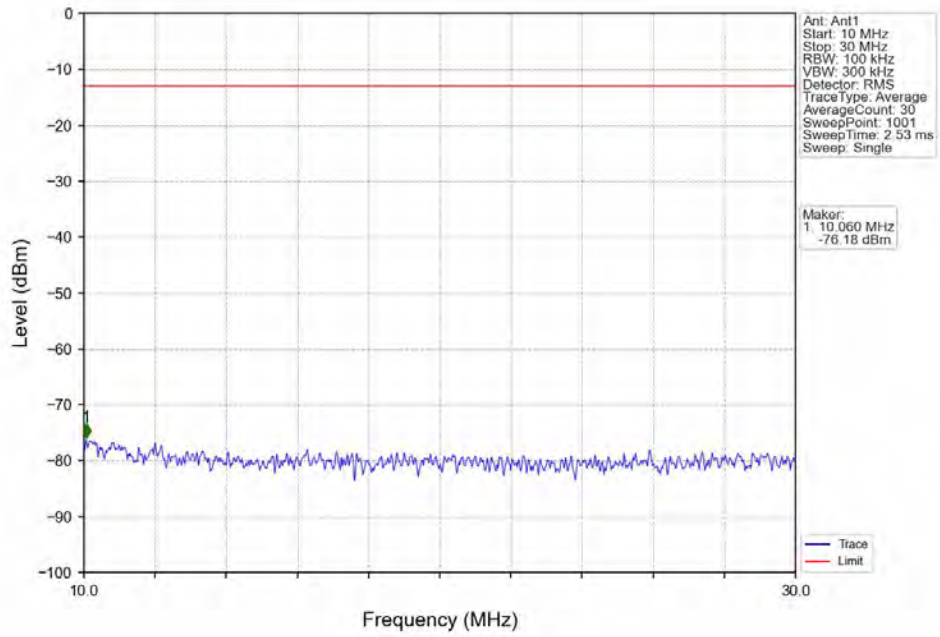
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_1_0_NTV



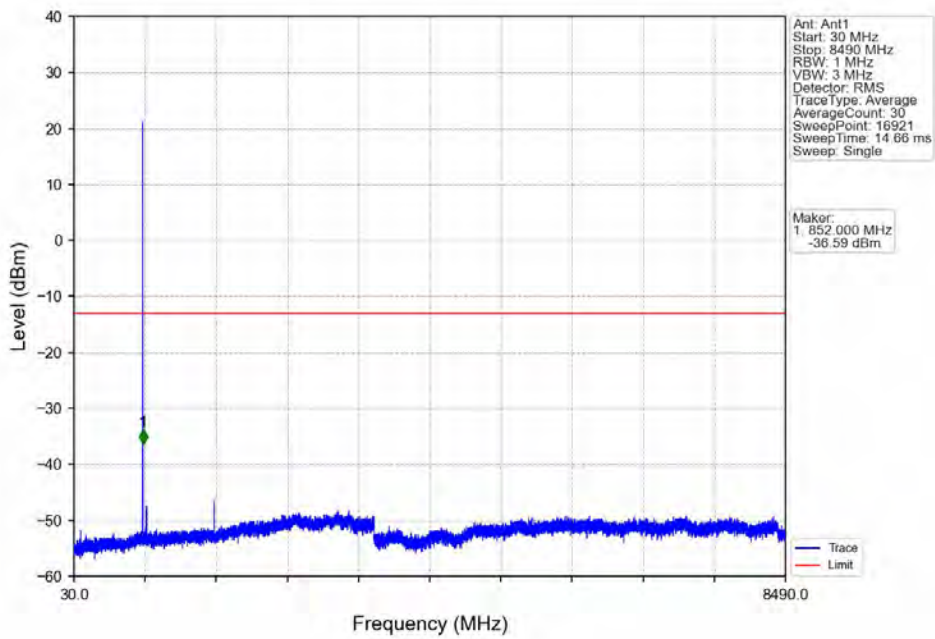
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_1_0_NTV



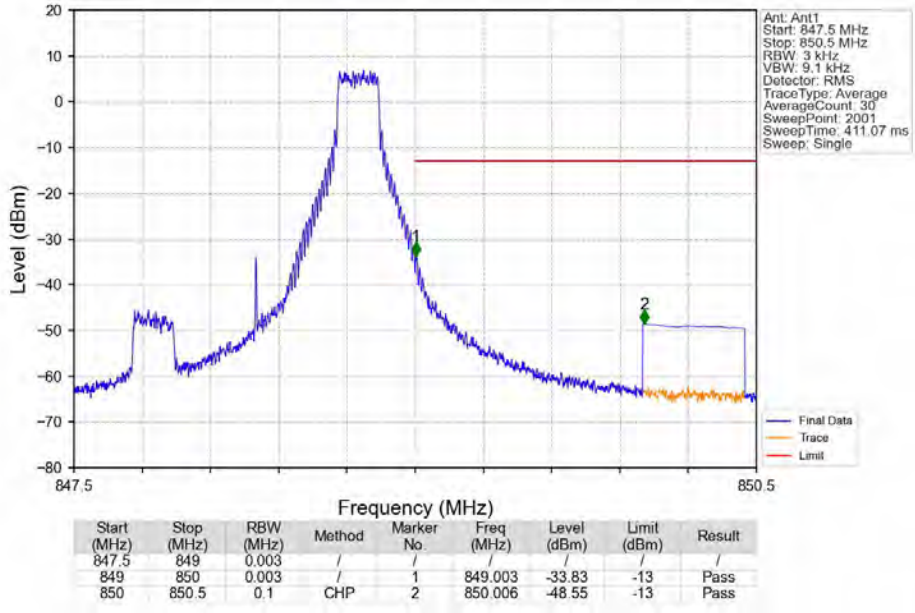
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_1_0_NTV



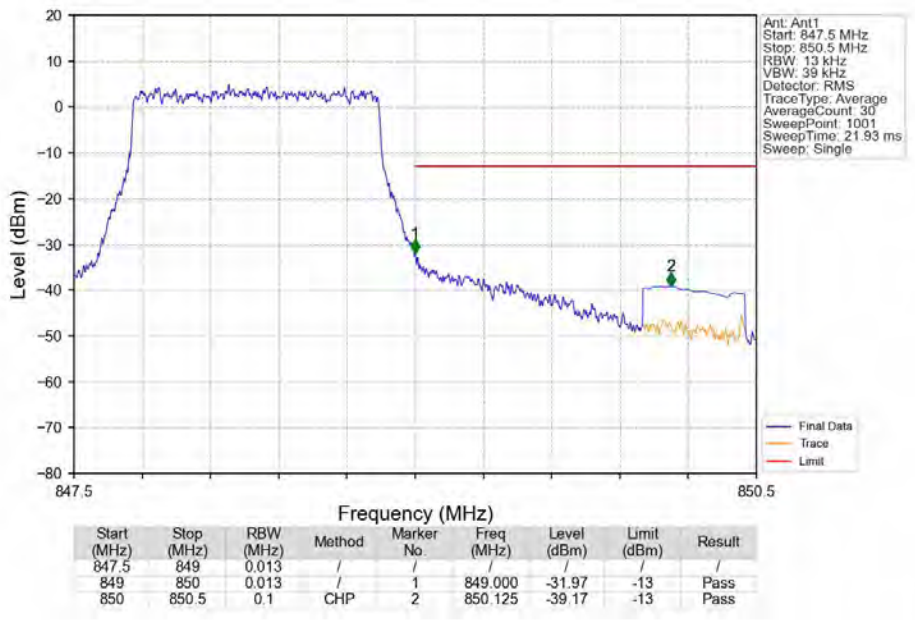
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_1_0_NTV



Band5 1.4MHz 16QAM HCH 848.3MHz RB 1 5 NTV



Band5 1.4MHz 16QAM HCH 848.3MHz RB 6 0 NTV

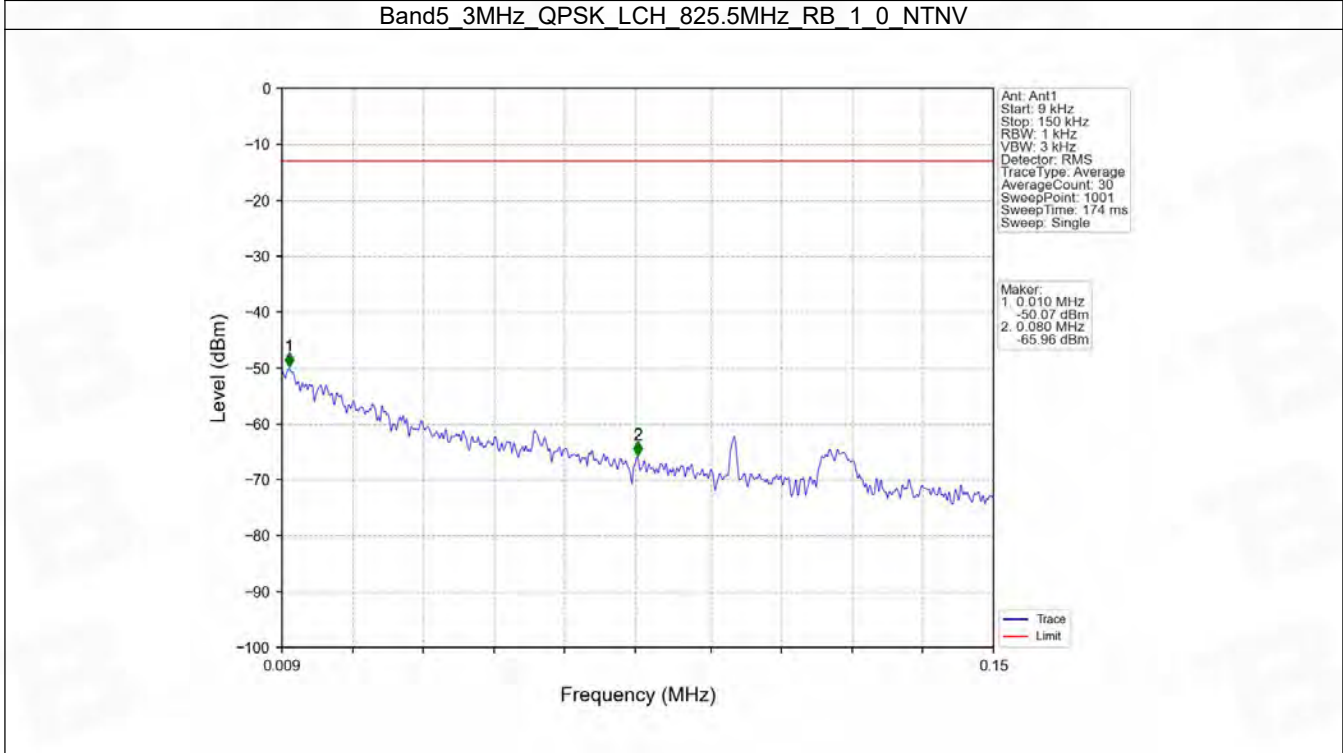
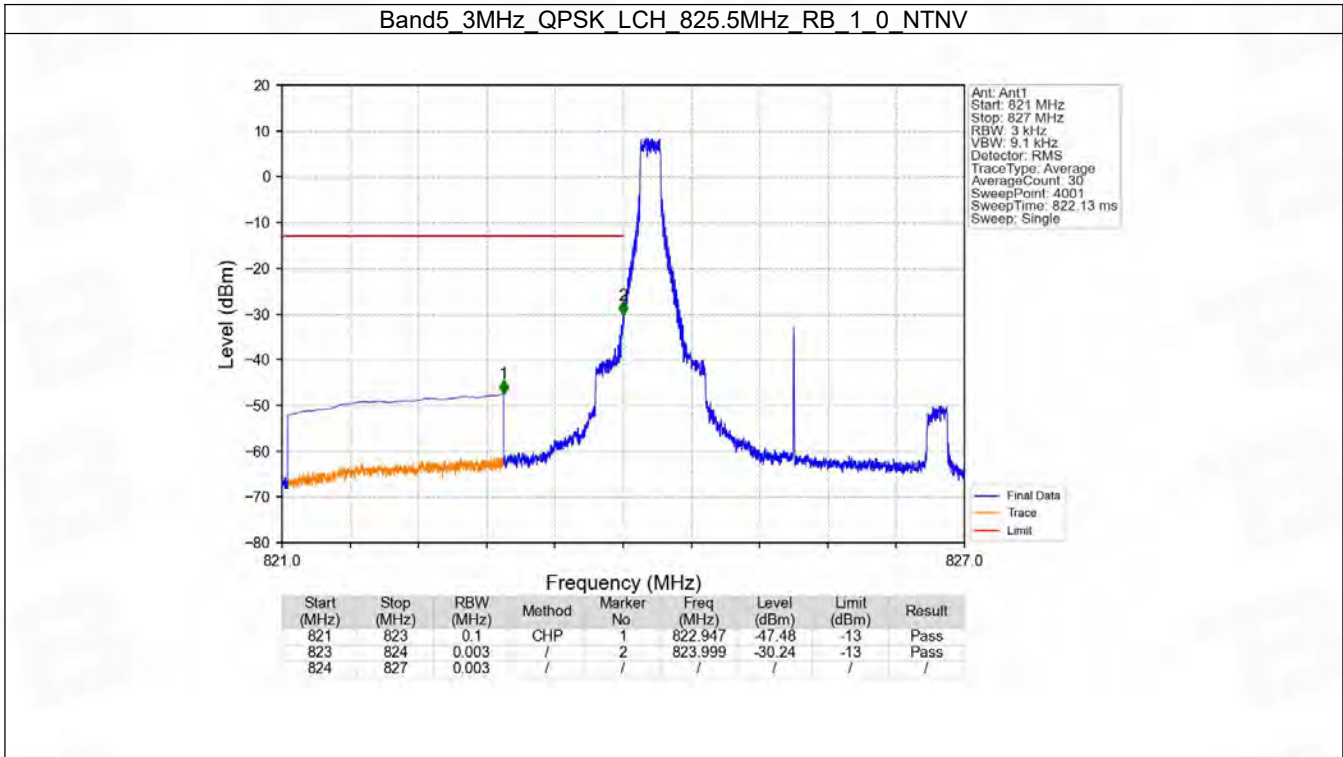


6.2 B5_3MHz

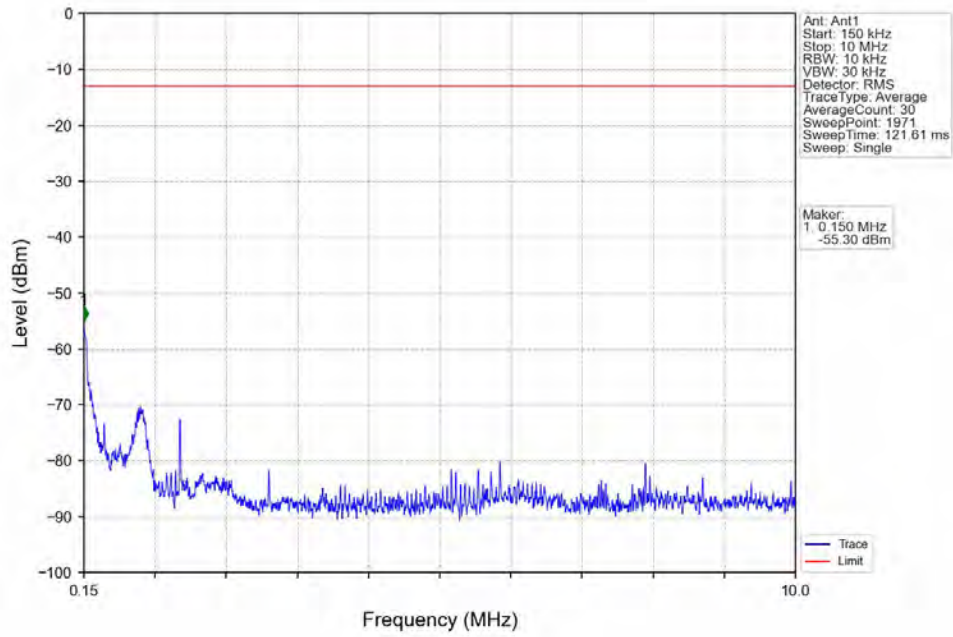
6.2.1 Test Result

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
	836.5	1	0	Refer To Test Graph		Pass
	847.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
16QAM	825.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	847.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass

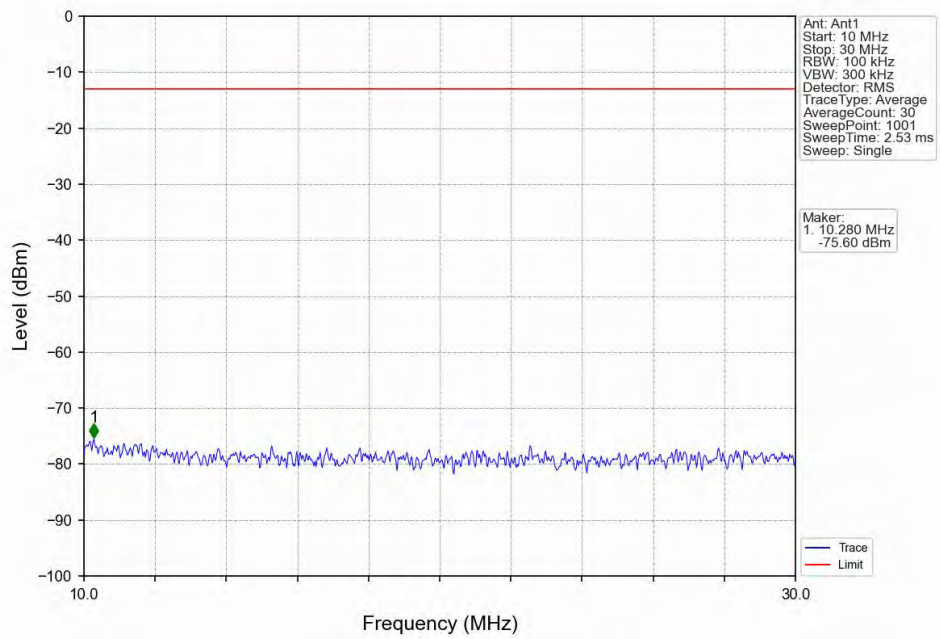
6.2.2 Test Graph



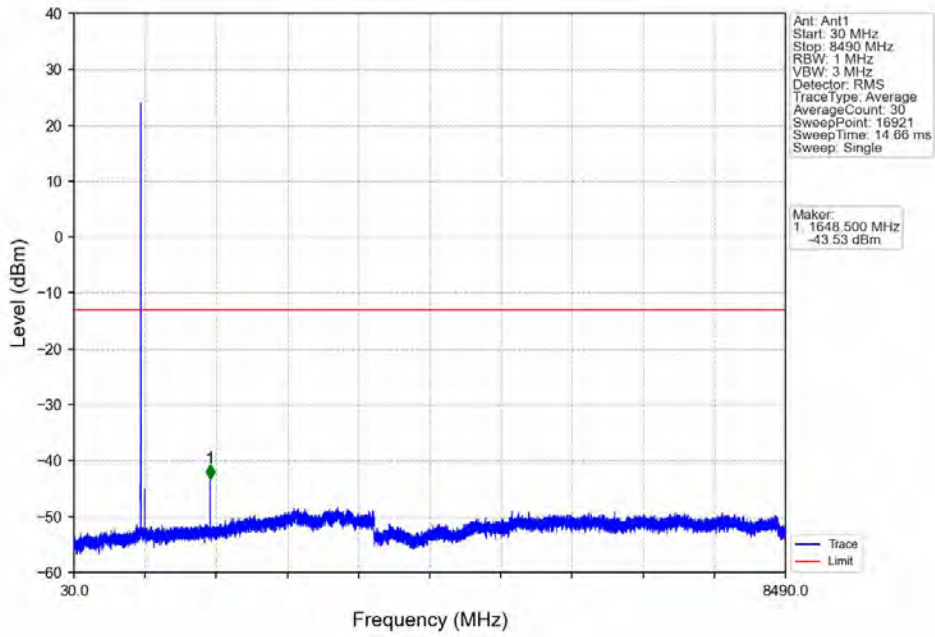
Band5_3MHz_QPSK_LCH_825.5MHz_RB_1_0_NTNV



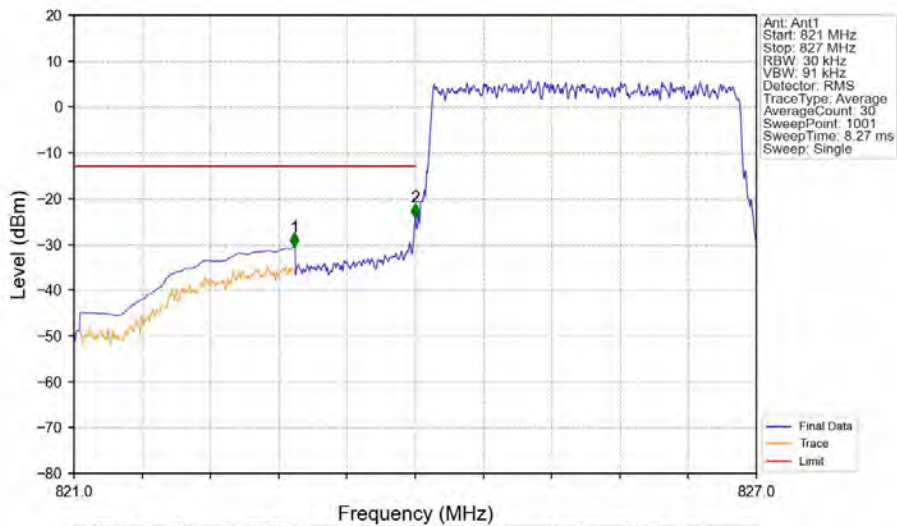
Band5_3MHz_QPSK_LCH_825.5MHz_RB_1_0_NTNV



Band5_3MHz_QPSK_LCH_825.5MHz_RB_1_0_NTNV

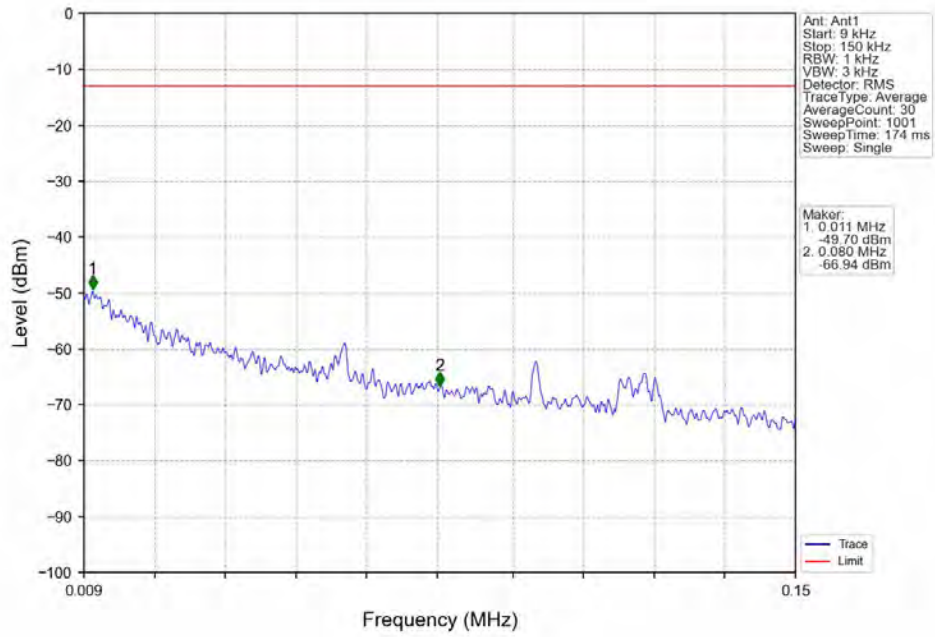


Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV

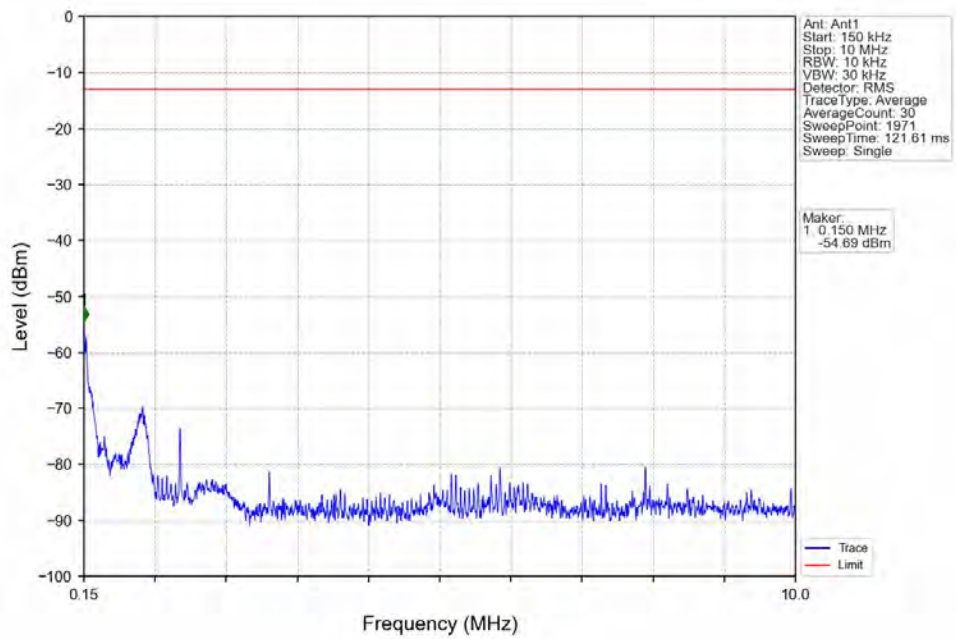


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.938	-30.68	-13	Pass
823	824	0.03	/	2	824.000	-24.18	-13	Pass
824	827	0.03	/	/	/	/	/	/

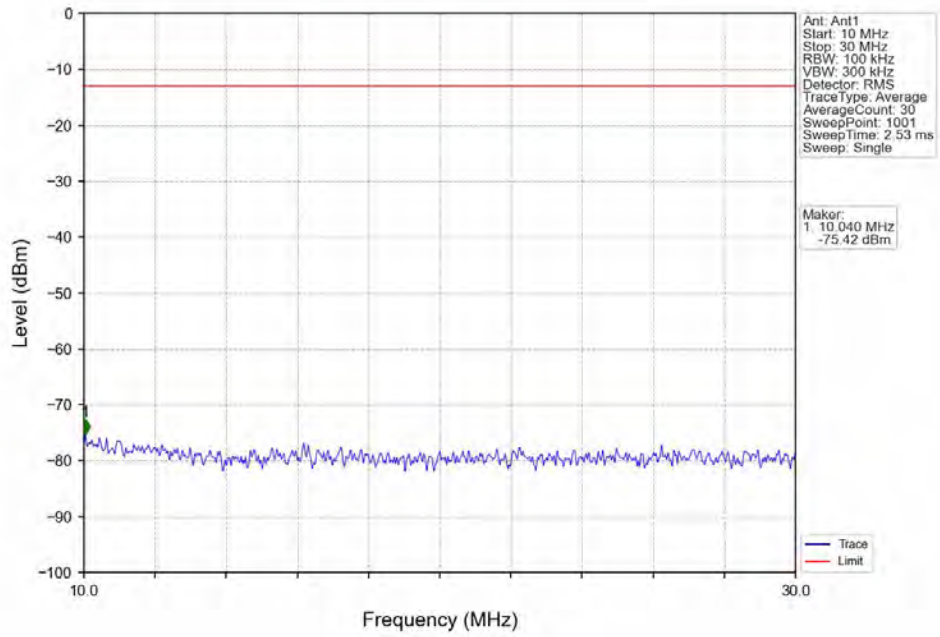
Band5_3MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



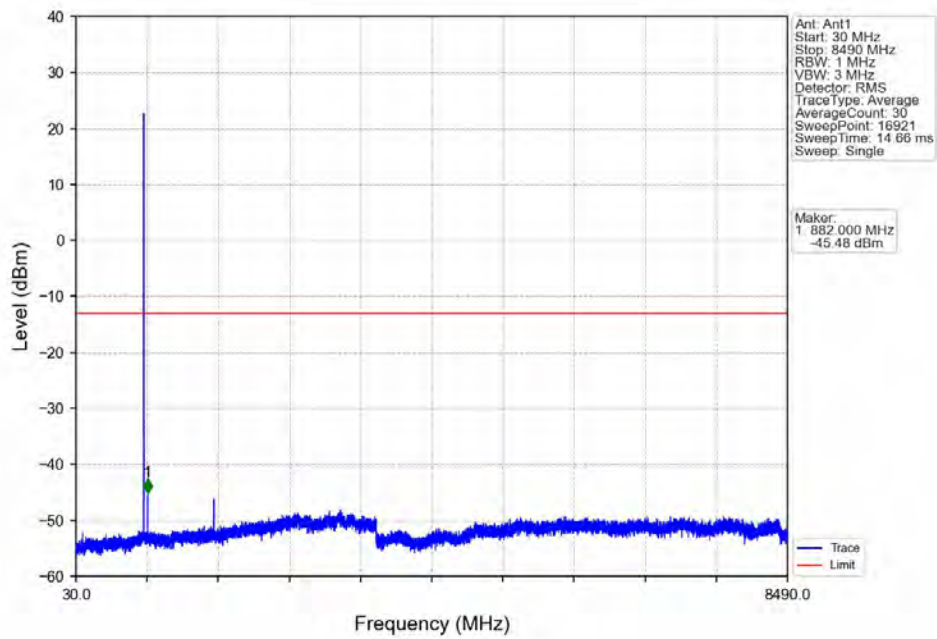
Band5_3MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



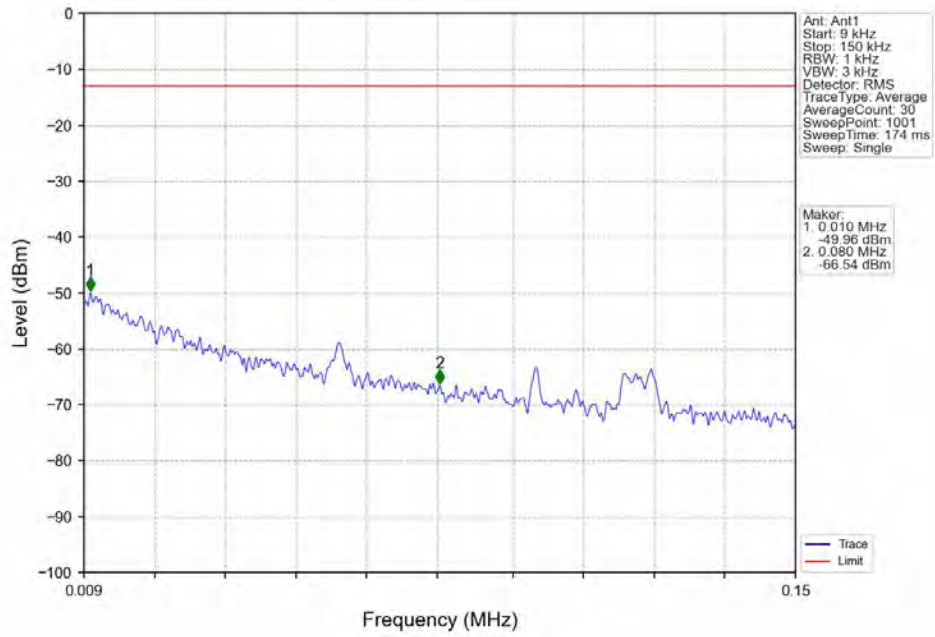
Band5_3MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



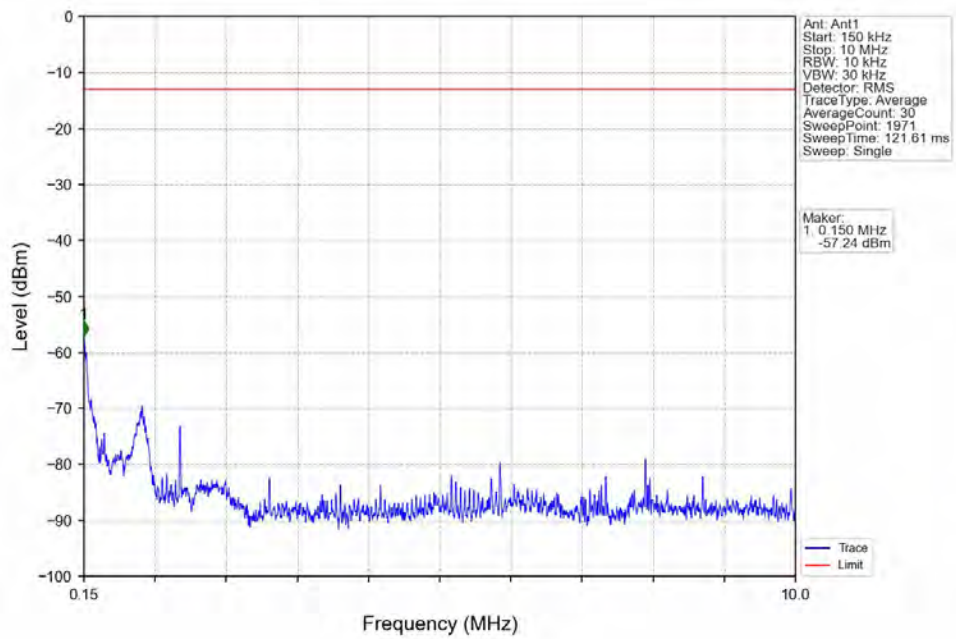
Band5_3MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



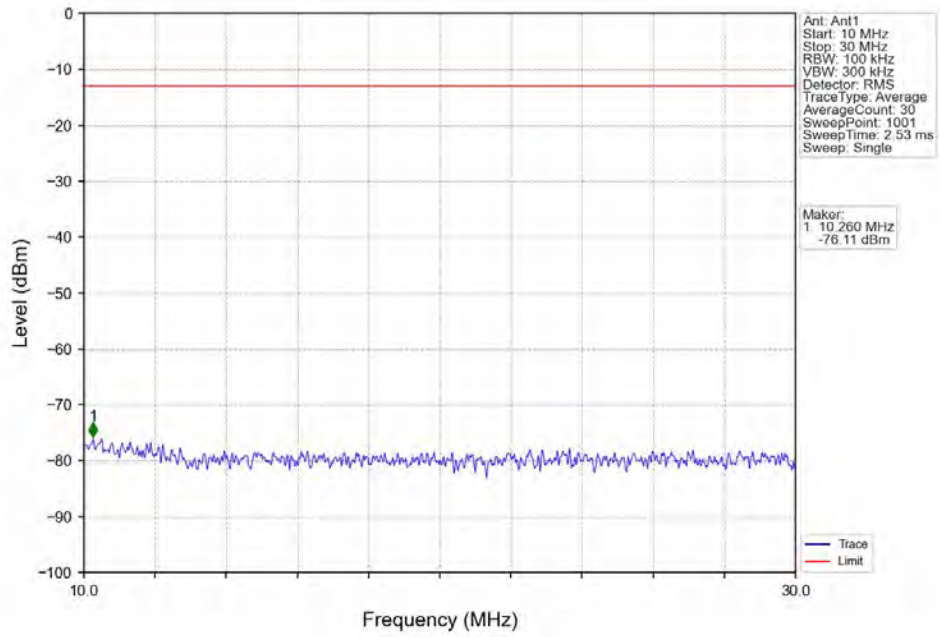
Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_0_NTNV



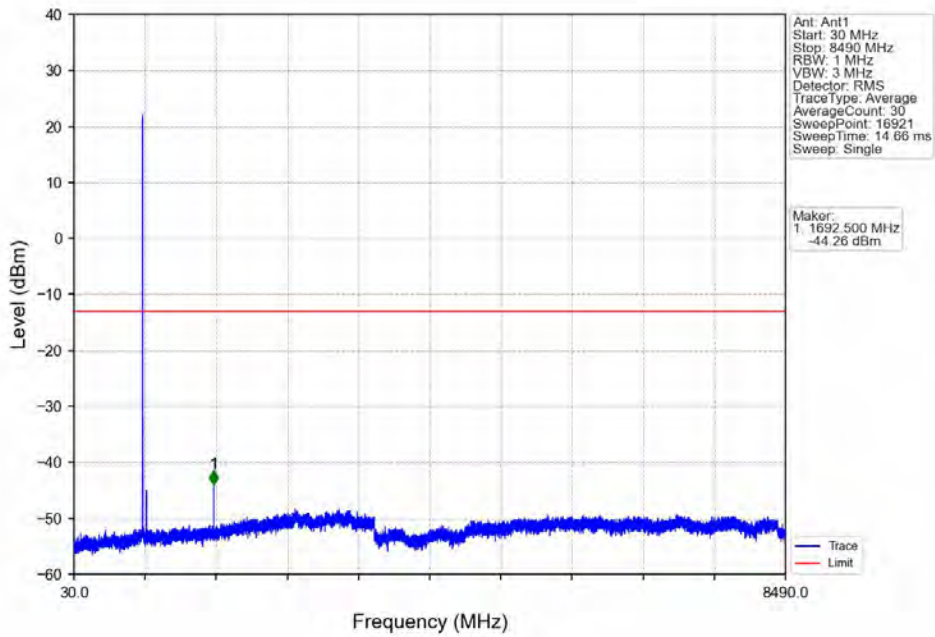
Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_0_NTNV



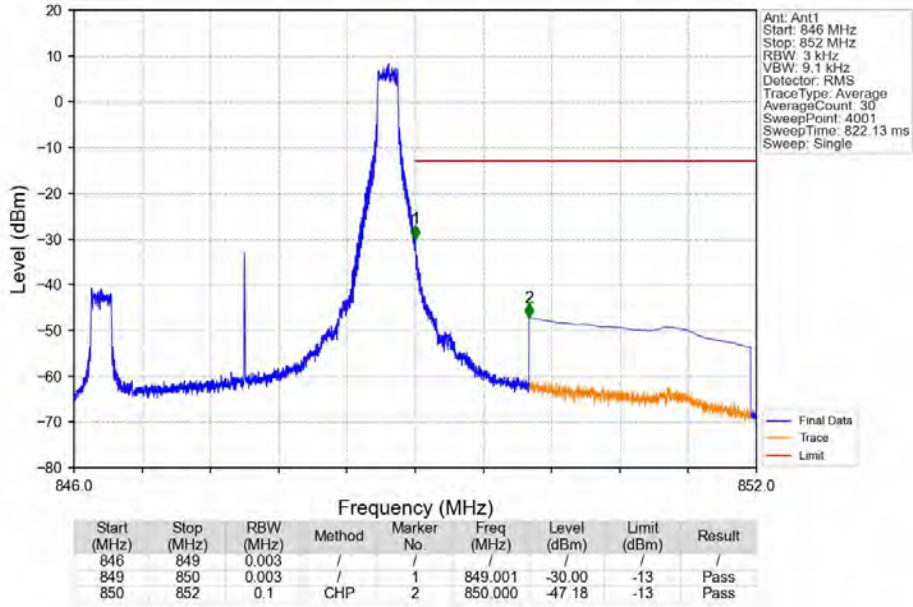
Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_0_NTNV



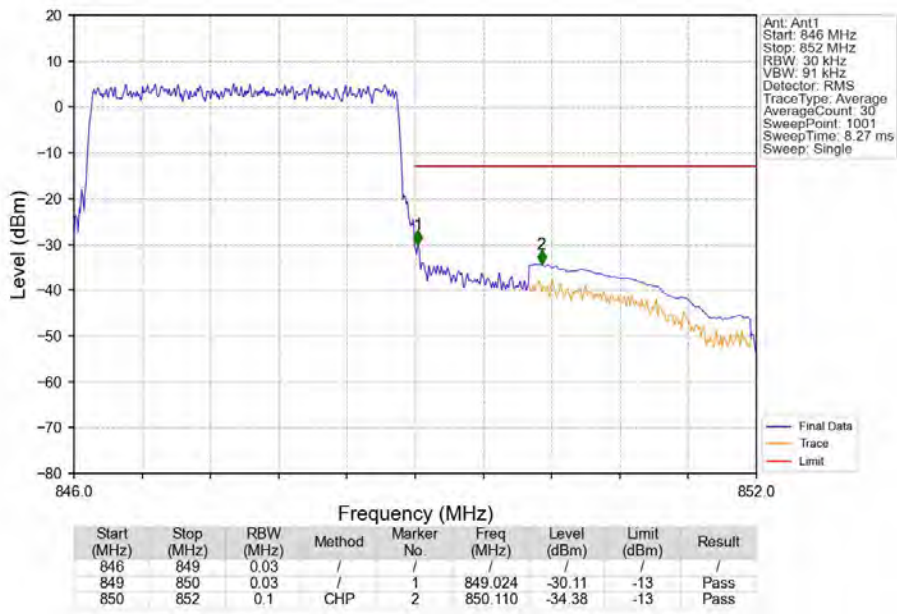
Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_0_NTNV



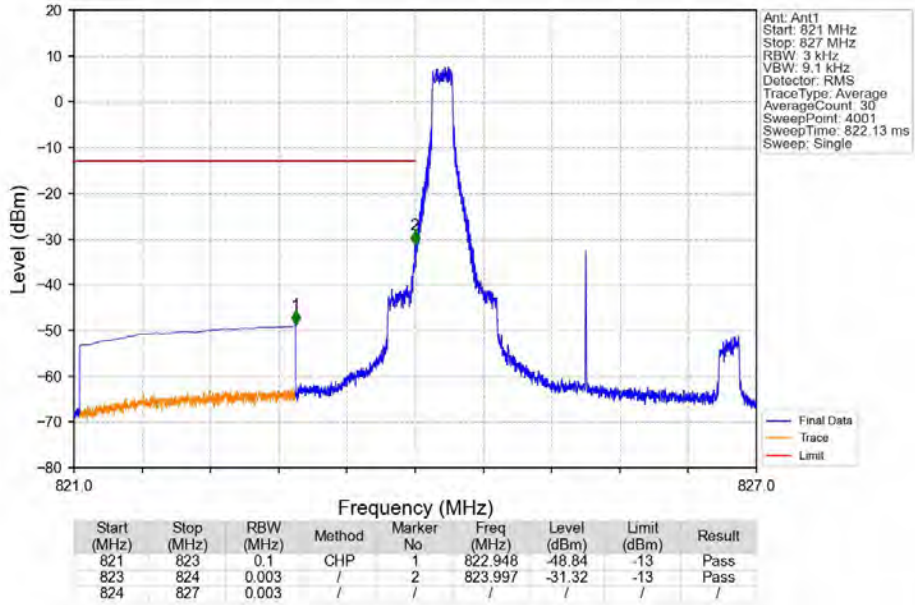
Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_14_NTNV



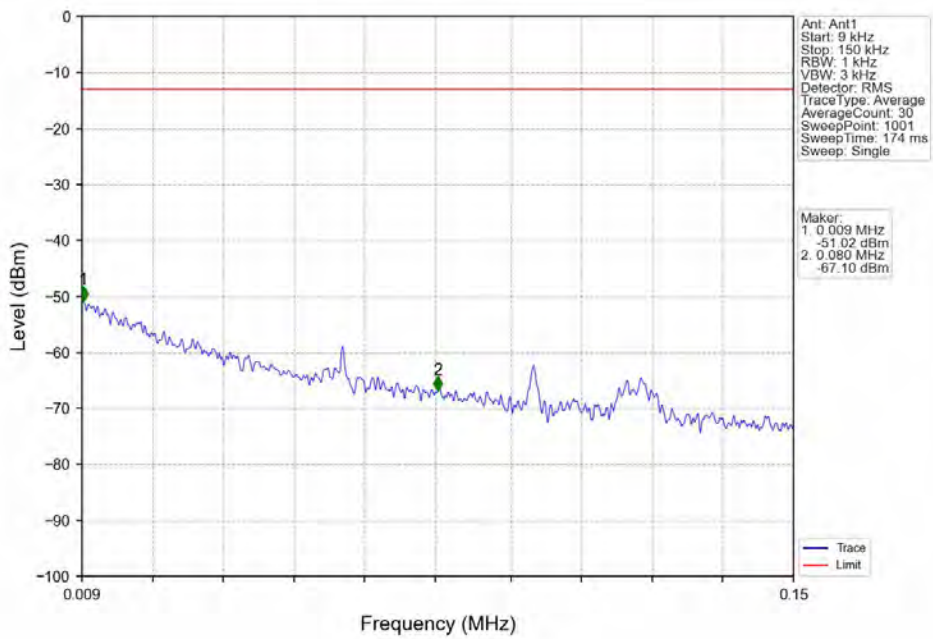
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



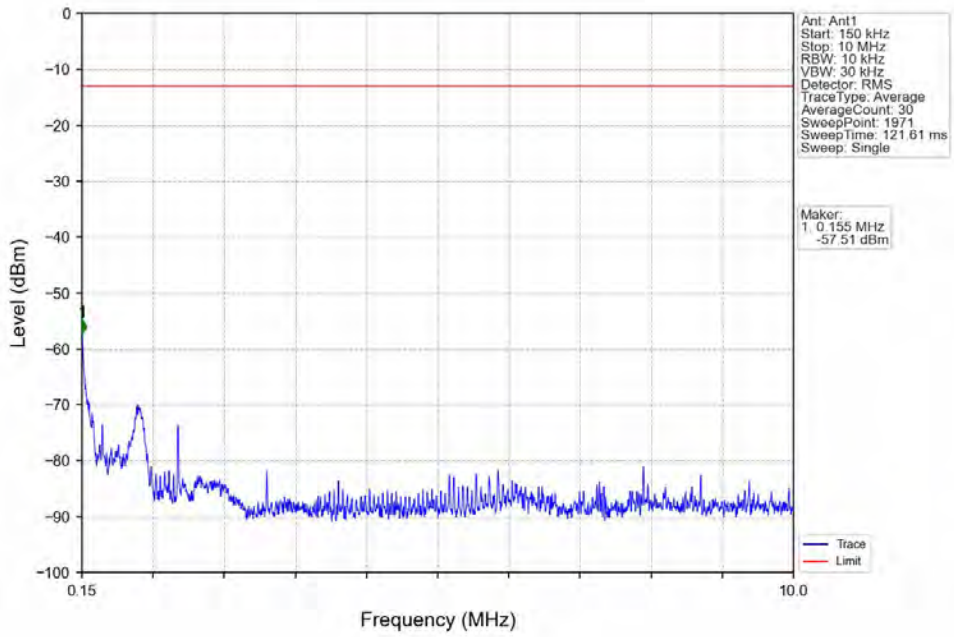
Band5_3MHz_16QAM_LCH_825.5MHz_RB_1_0_NTNV



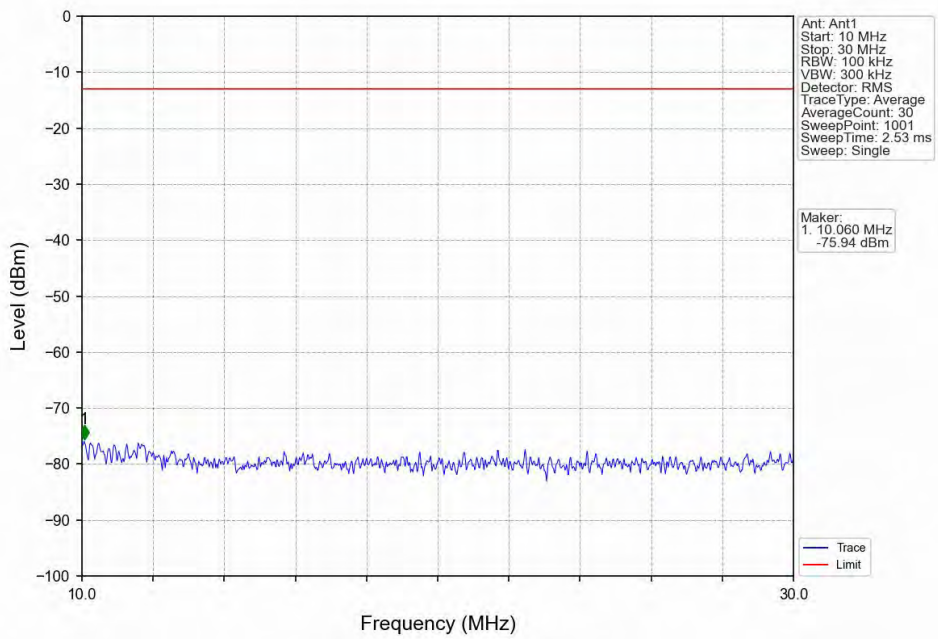
Band5_3MHz_16QAM_LCH_825.5MHz_RB_1_0_NTNV



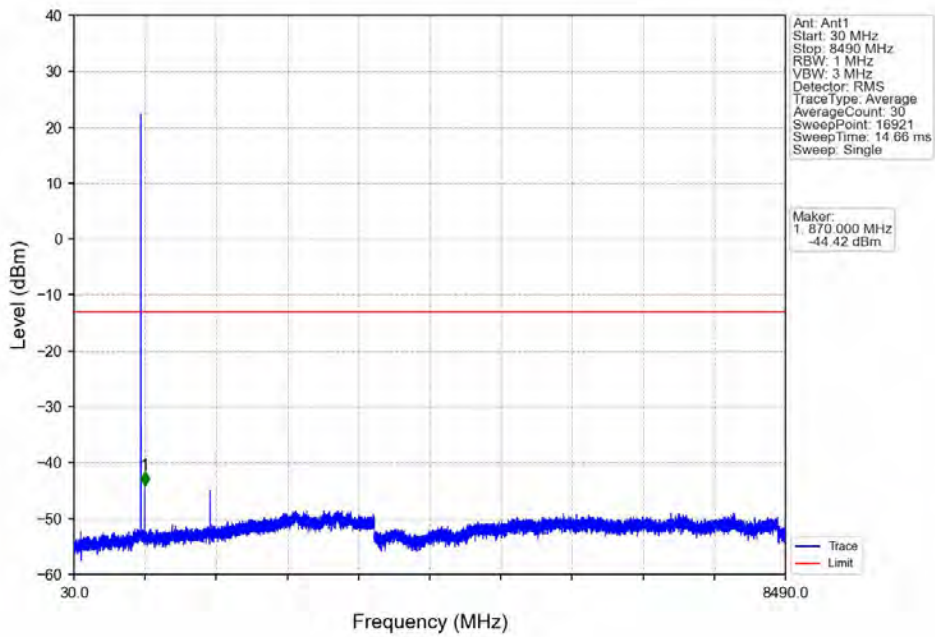
Band5_3MHz_16QAM_LCH_825.5MHz_RB_1_0_NTNV



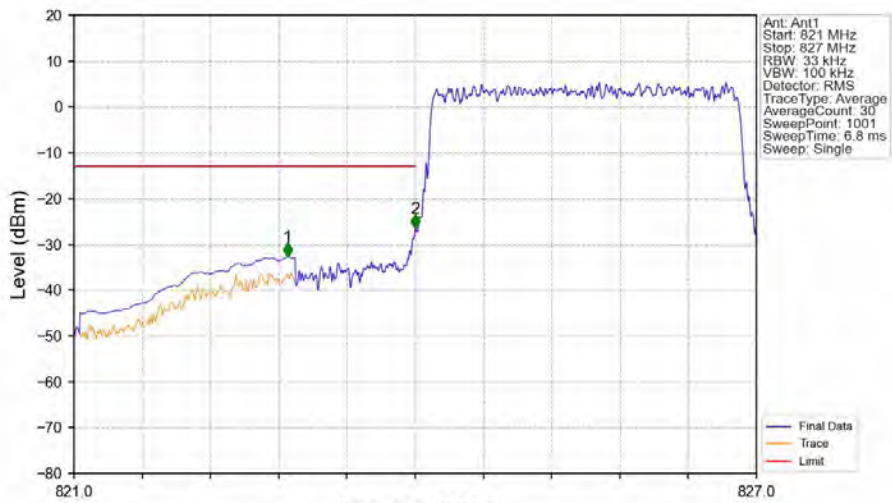
Band5_3MHz_16QAM_LCH_825.5MHz_RB_1_0_NTNV



Band5_3MHz_16QAM_LCH_825.5MHz_RB_1_0_NTNV

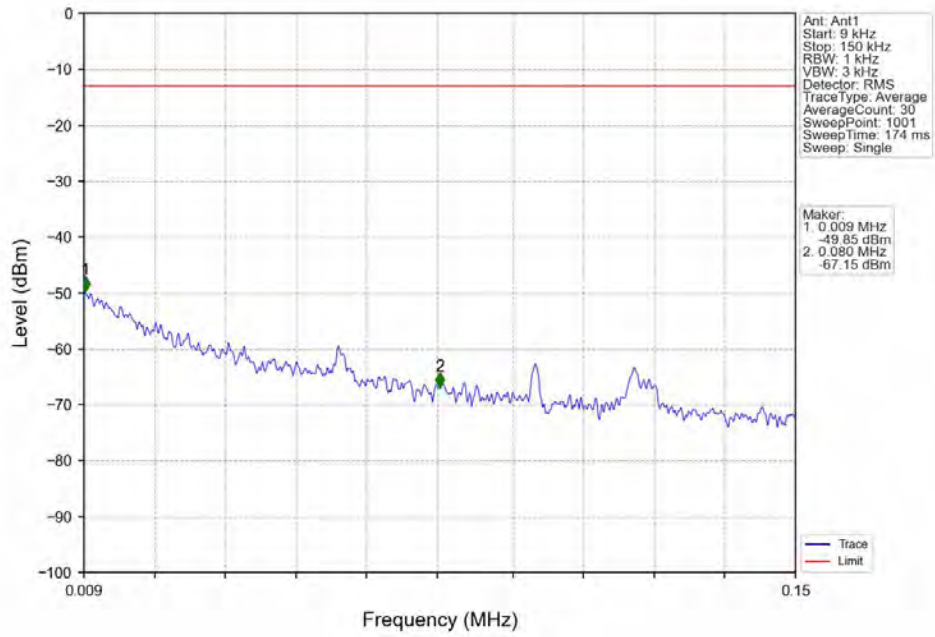


Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV

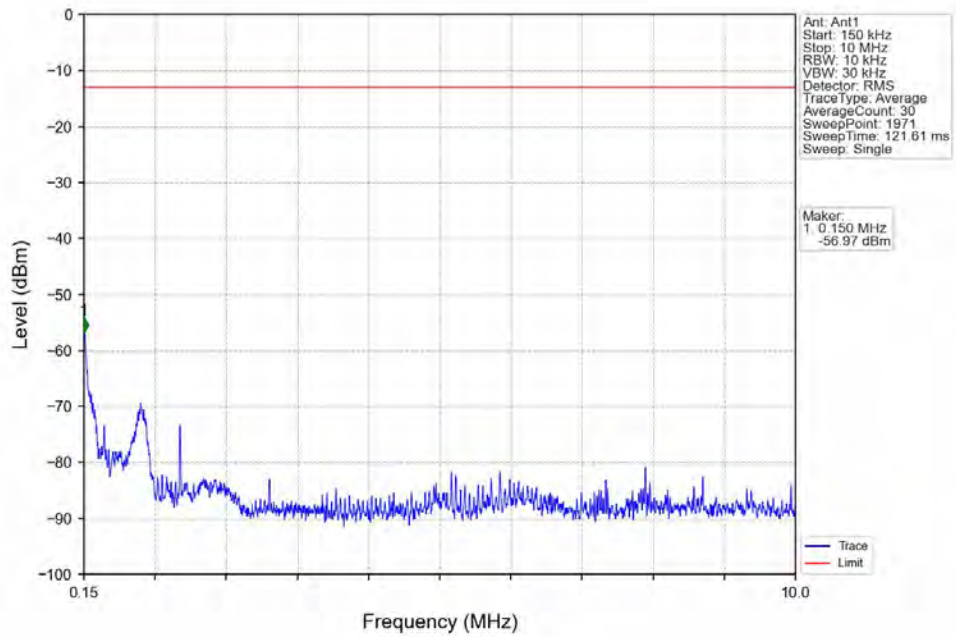


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.878	-32.80	-13	Pass
823	824	0.033	/	2	824.000	-26.63	-13	Pass
824	827	0.033	/	/	/	/	/	/

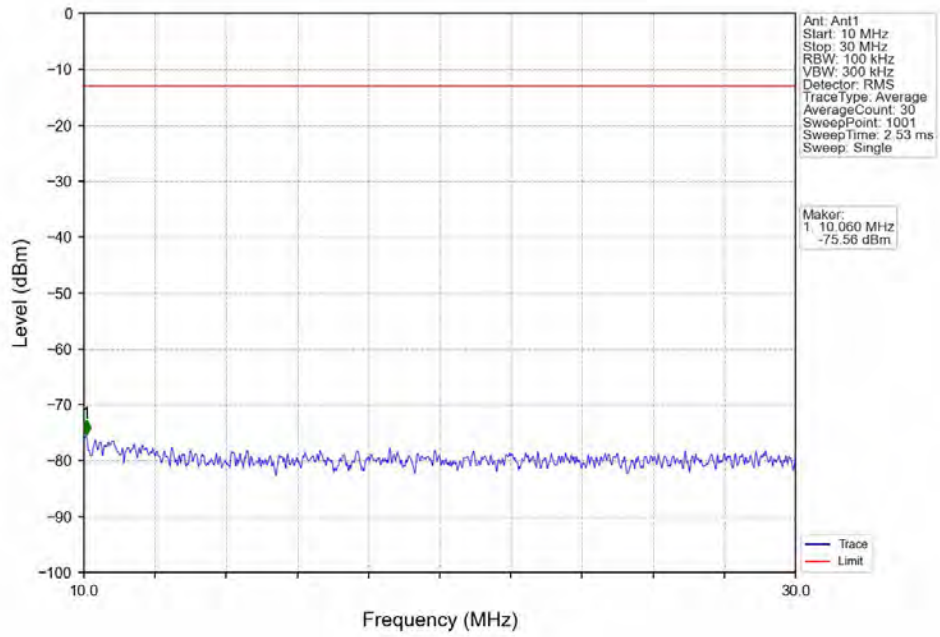
Band5 3MHz 16QAM MCH 836.5MHz RB 1 0 NTN



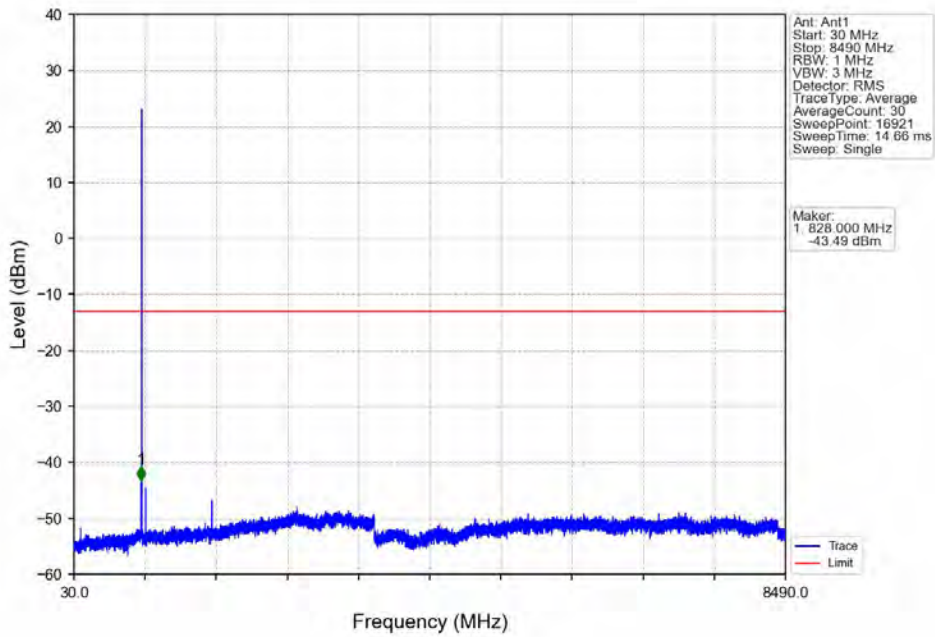
Band5 3MHz 16QAM MCH 836.5MHz RB 1 0 NTN



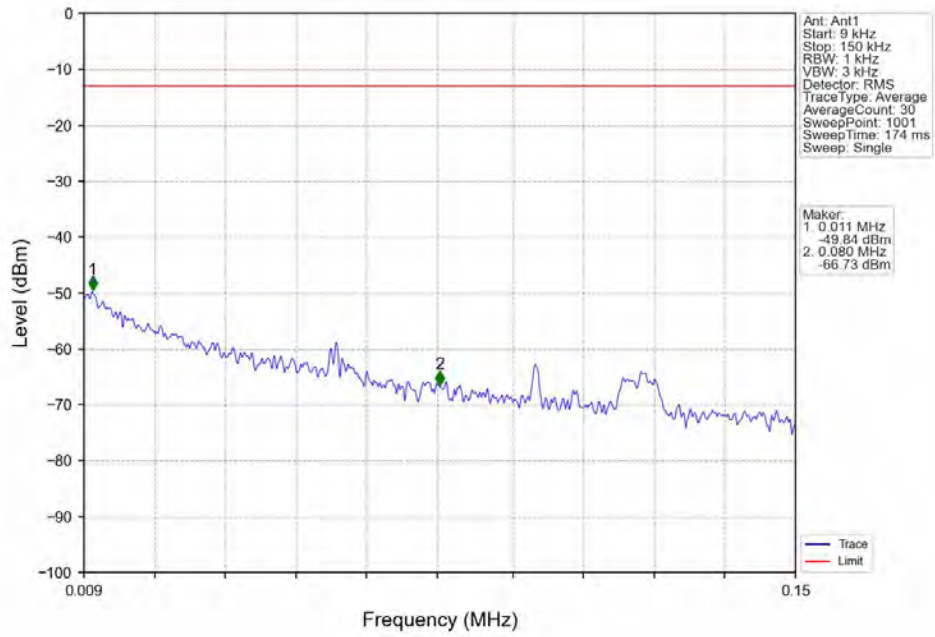
Band5 3MHz 16QAM MCH 836.5MHz RB 1 0 NTN



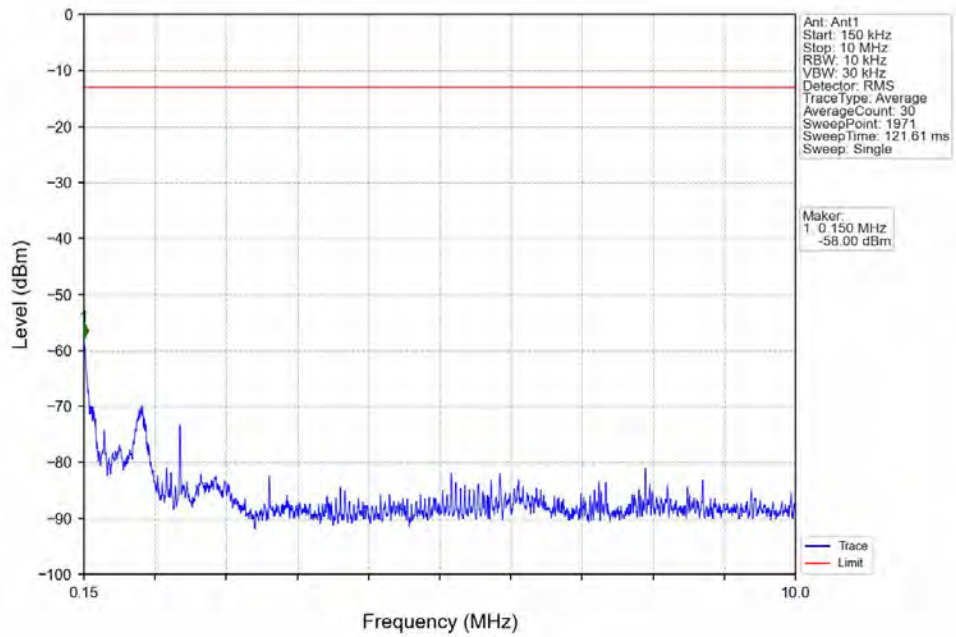
Band5 3MHz 16QAM MCH 836.5MHz RB 1 0 NTN



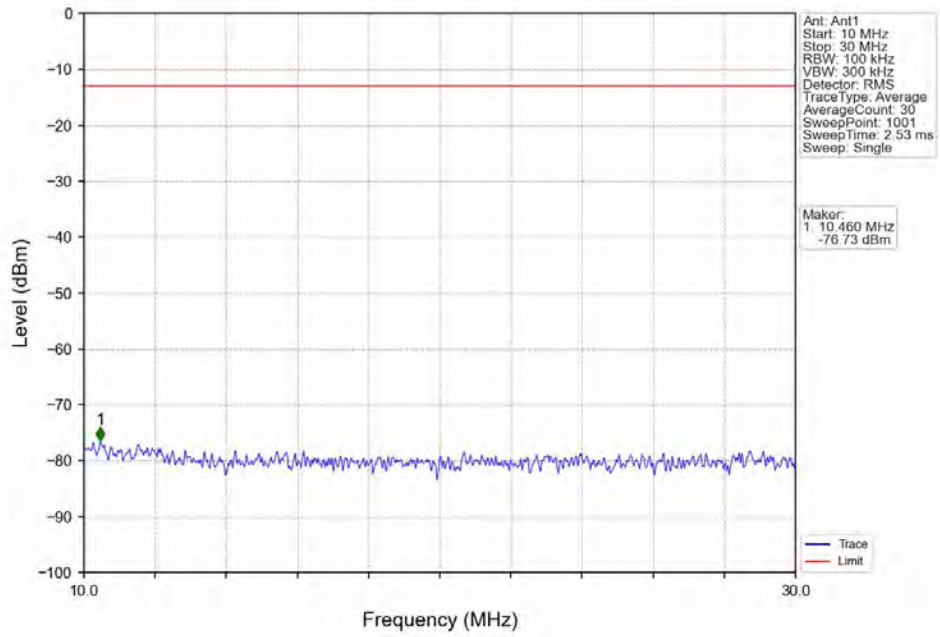
Band5_3MHz_16QAM_HCH_847.5MHz_RB_1_0_NTNV



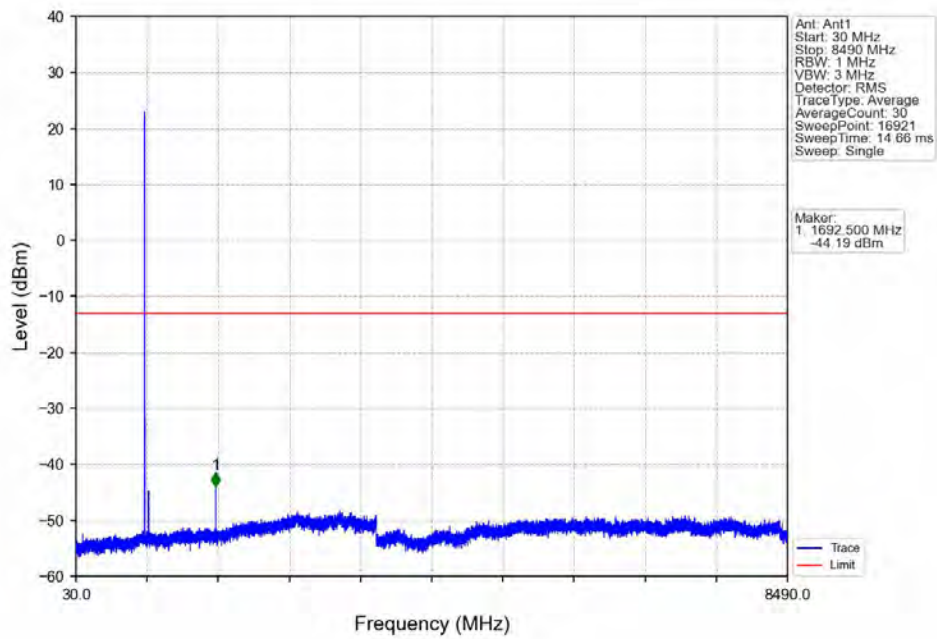
Band5_3MHz_16QAM_HCH_847.5MHz_RB_1_0_NTNV



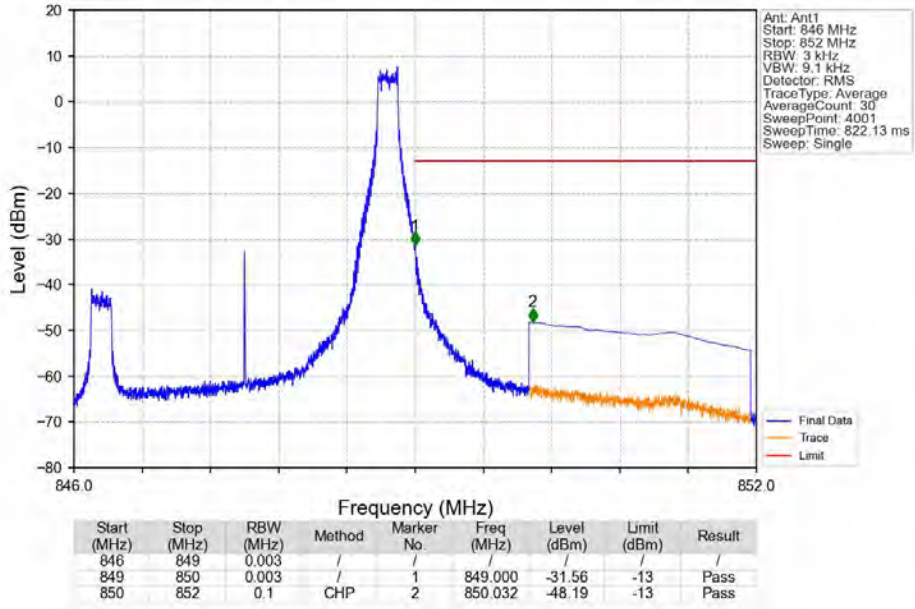
Band5_3MHz_16QAM_HCH_847.5MHz_RB_1_0_NTNV



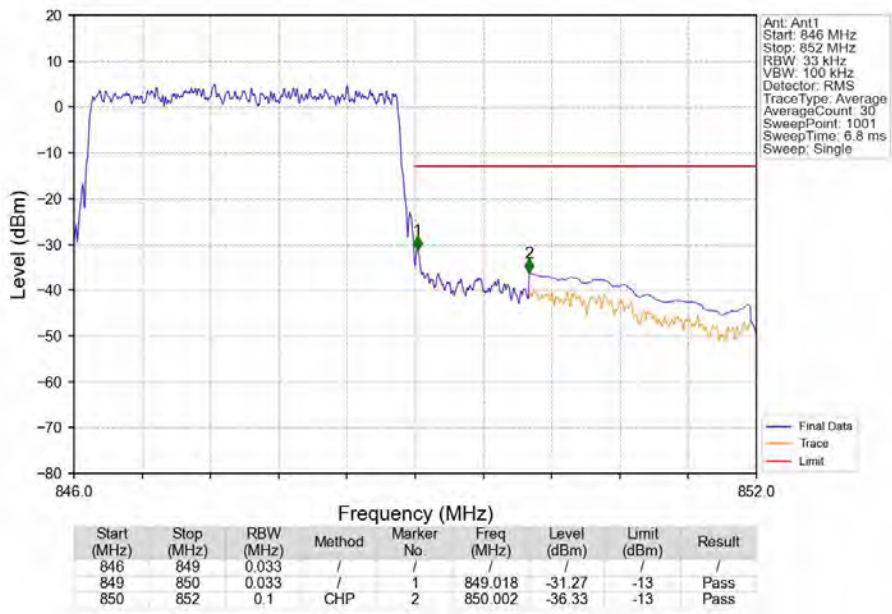
Band5_3MHz_16QAM_HCH_847.5MHz_RB_1_0_NTNV



Band5_3MHz_16QAM_HCH_847.5MHz_RB_1_14_NTNV



Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV

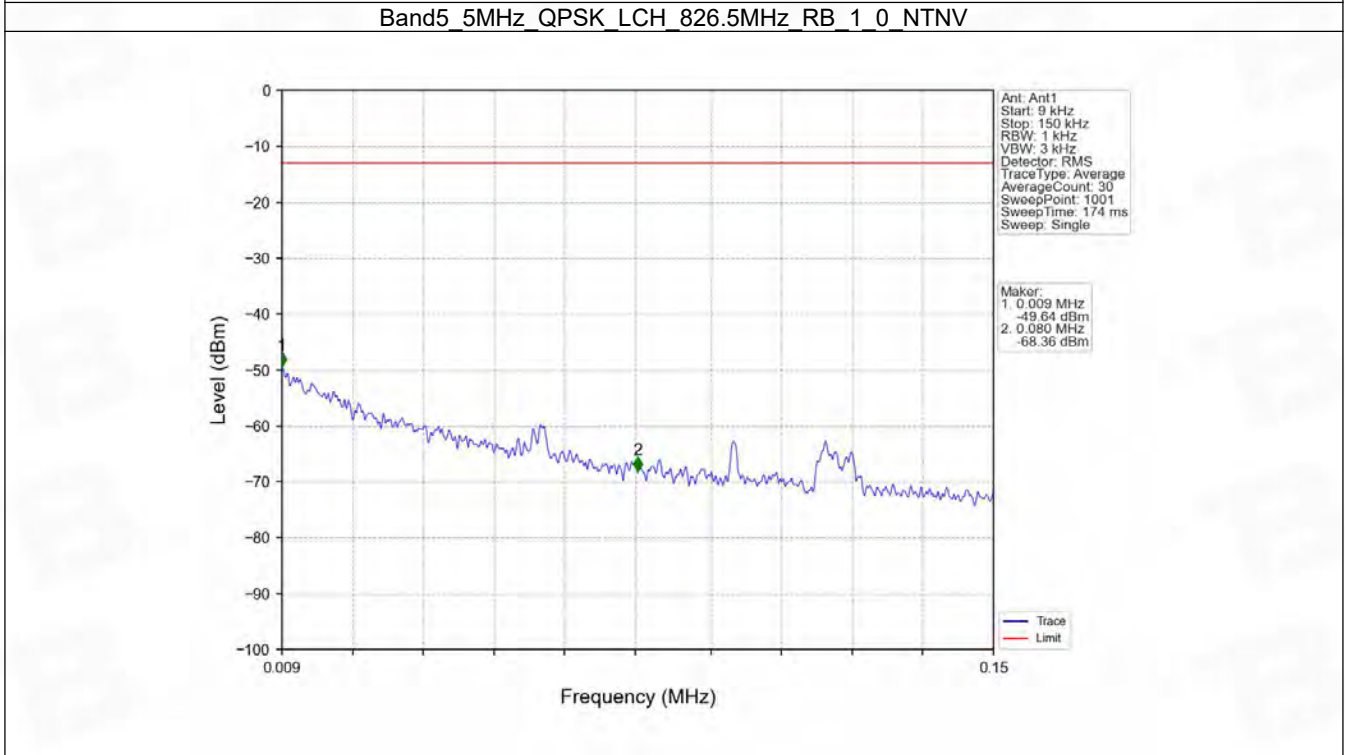
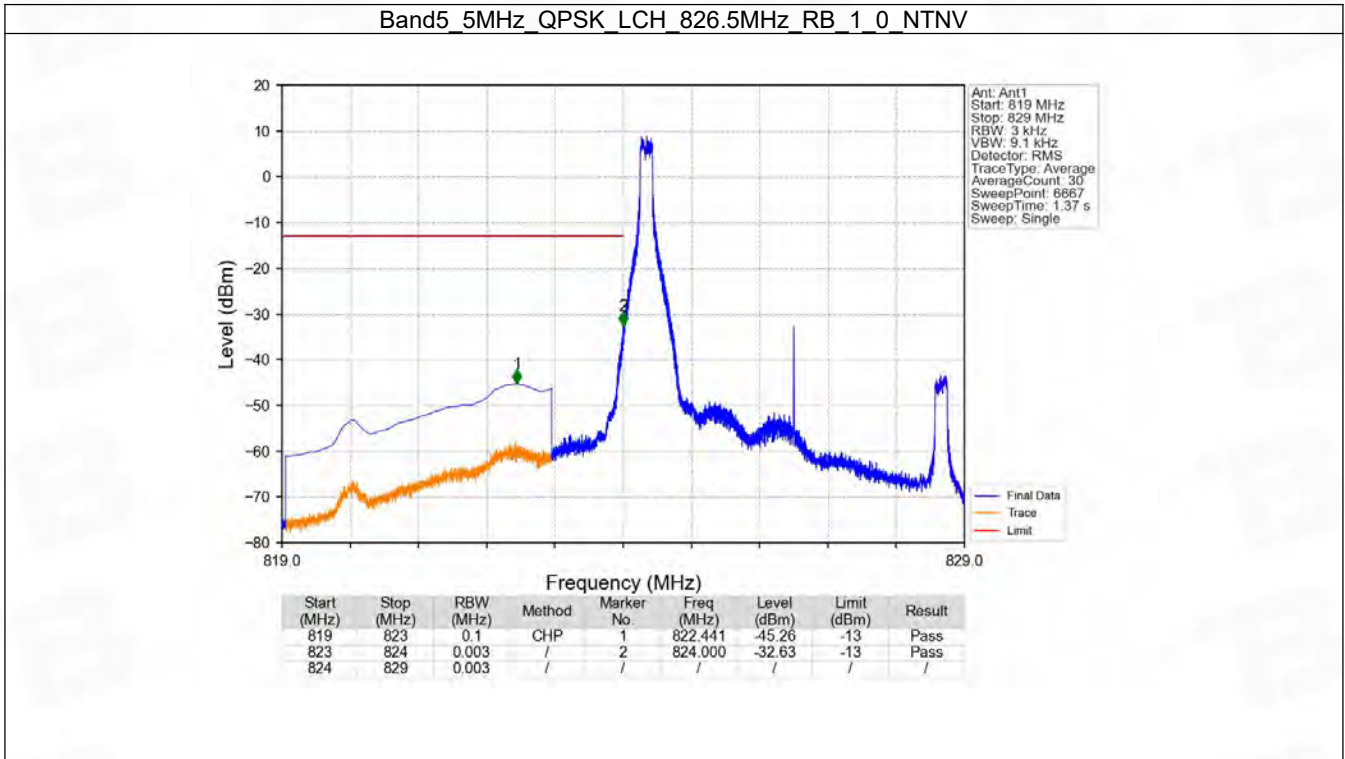


6.3 B5_5MHz

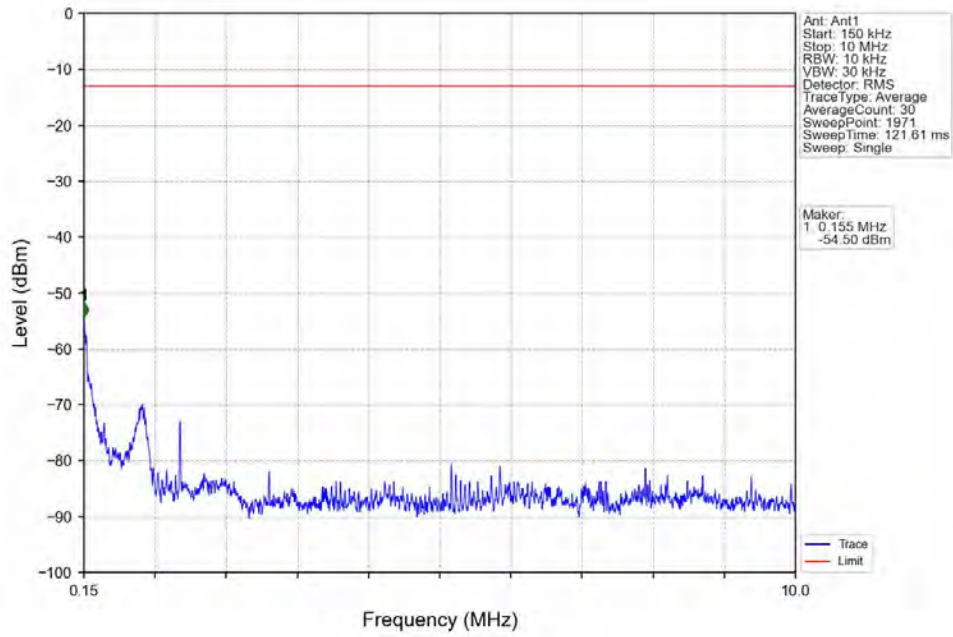
6.3.1 Test Result

Band: 5 / Bandwidth: 5MHz / NTN						
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

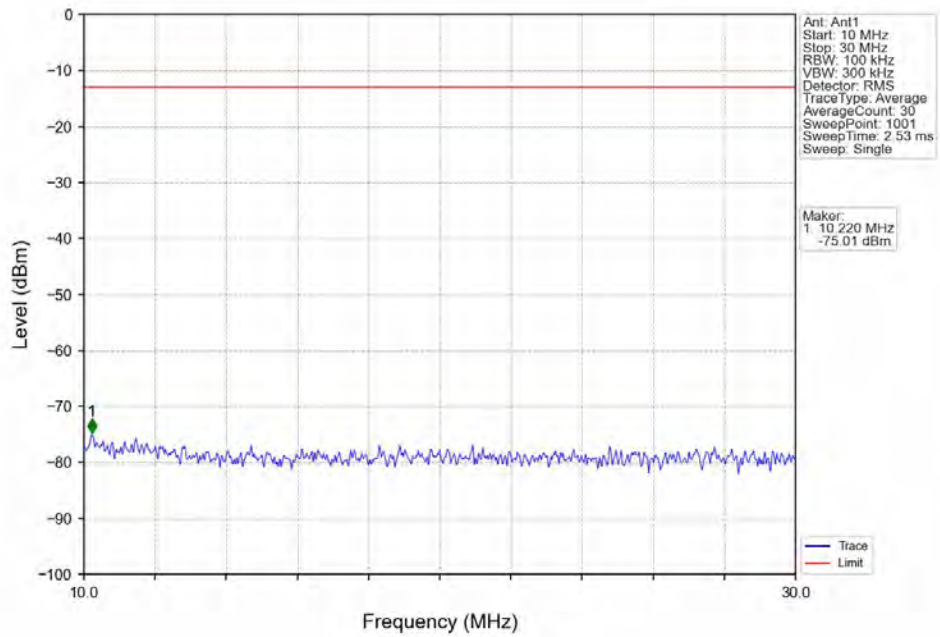
6.3.2 Test Graph



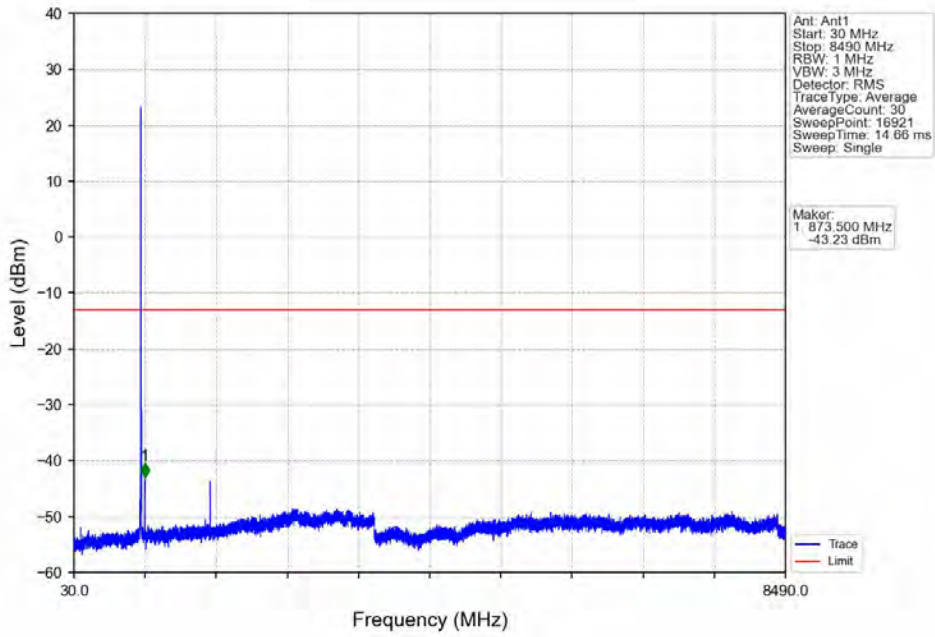
Band5_5MHz_QPSK_LCH_826.5MHz_RB_1_0_NTNV



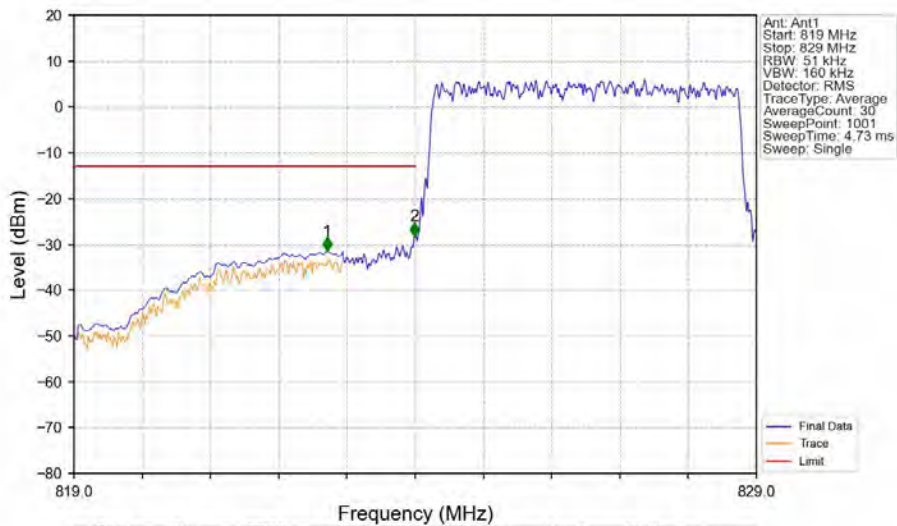
Band5_5MHz_QPSK_LCH_826.5MHz_RB_1_0_NTNV



Band5_5MHz_QPSK_LCH_826.5MHz_RB_1_0_NTNV

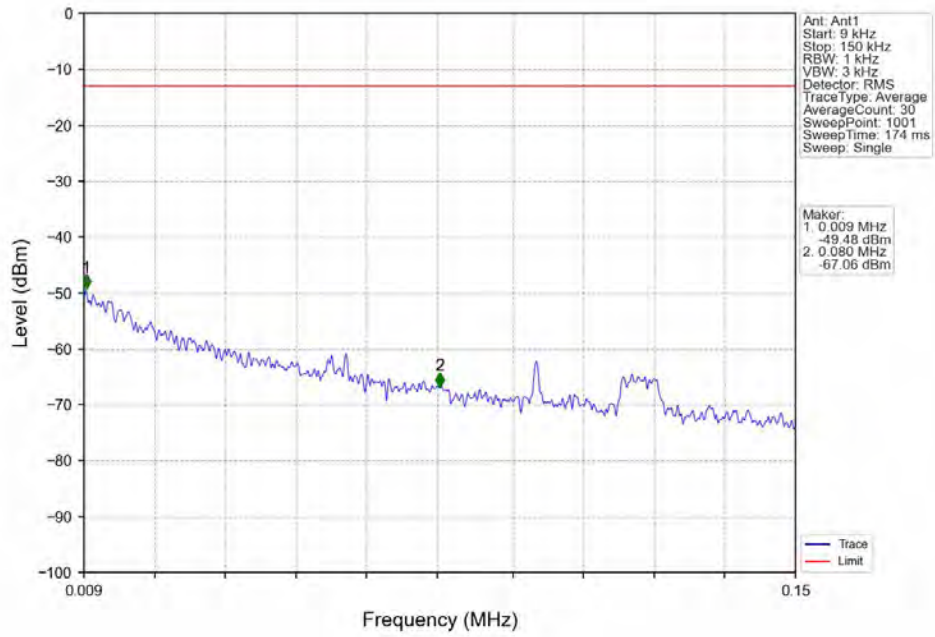


Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV

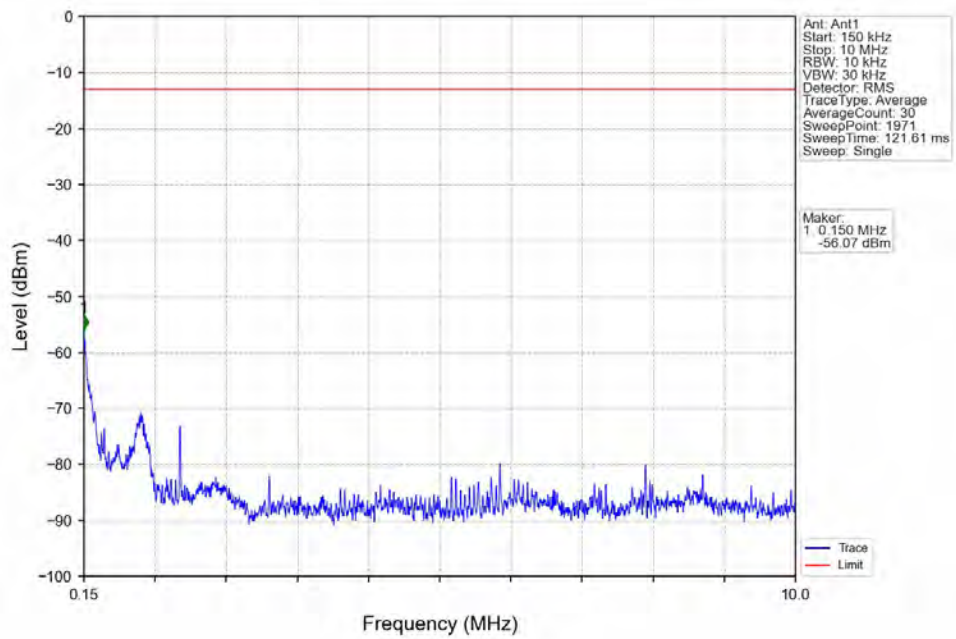


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.710	-31.50	-13	Pass
823	824	0.051	/	2	823.990	-28.23	-13	Pass
824	829	0.051	/	/	/	/	/	/

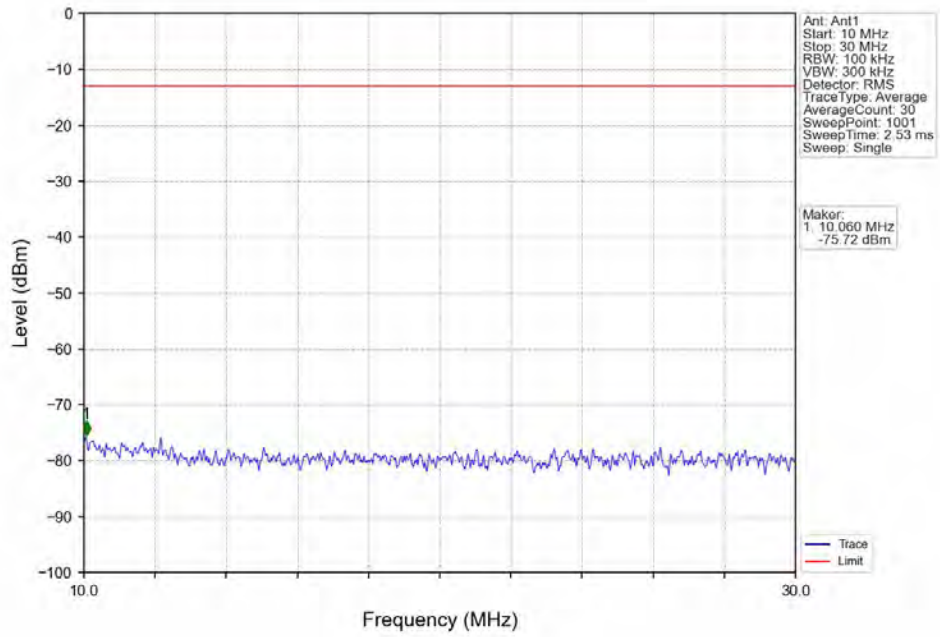
Band5_5MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



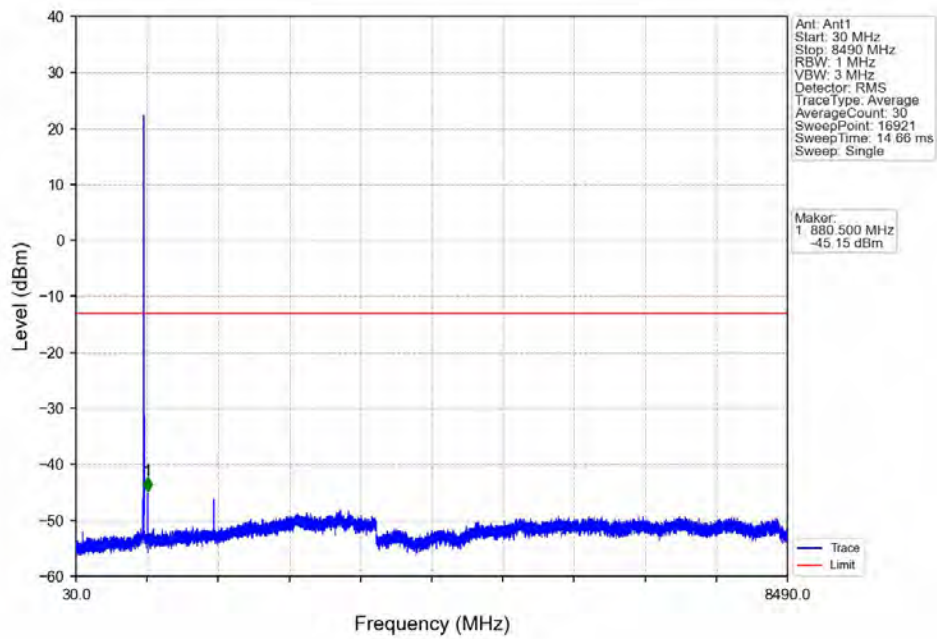
Band5_5MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



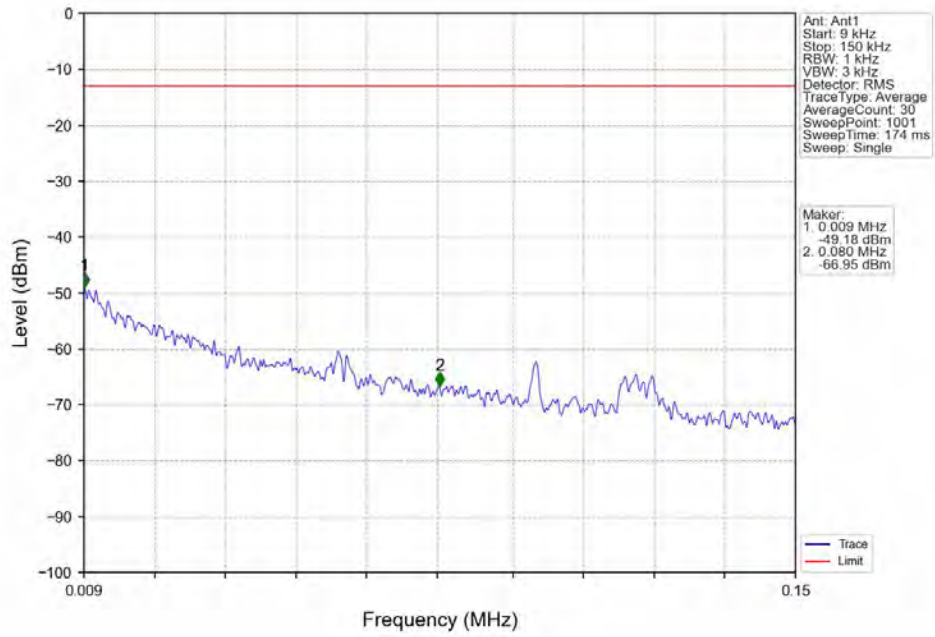
Band5_5MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



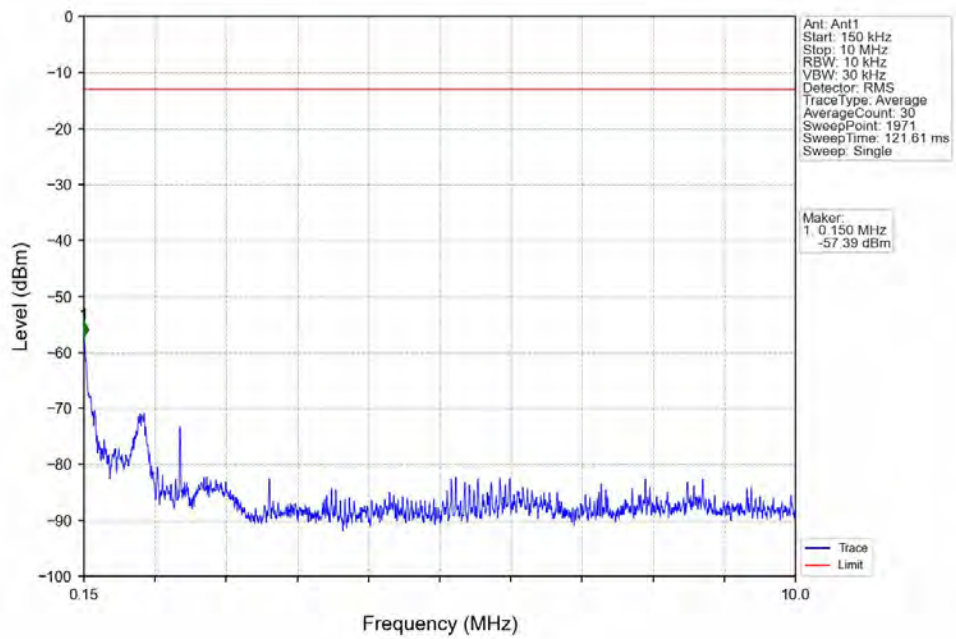
Band5_5MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



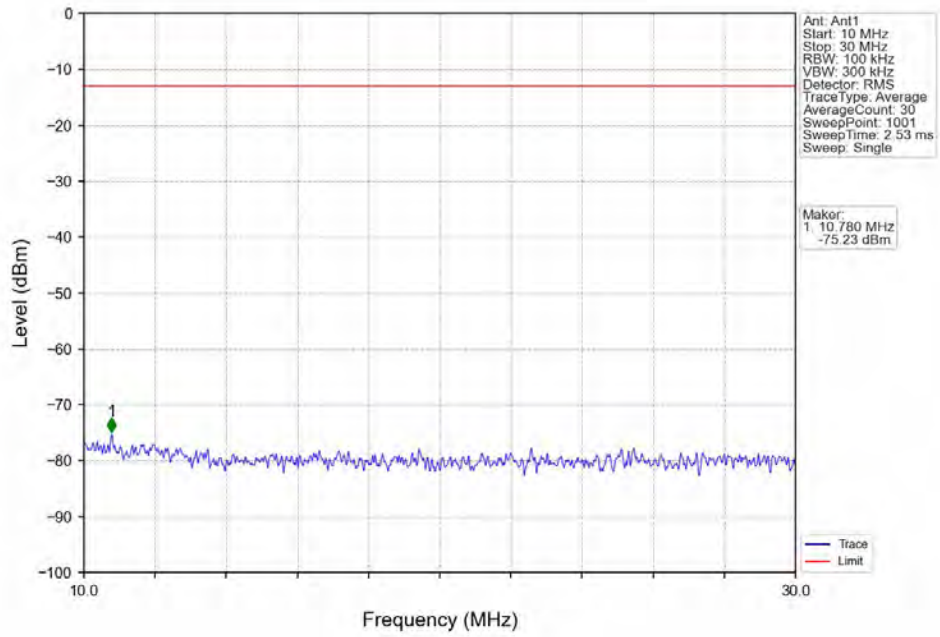
Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_0_NTNV



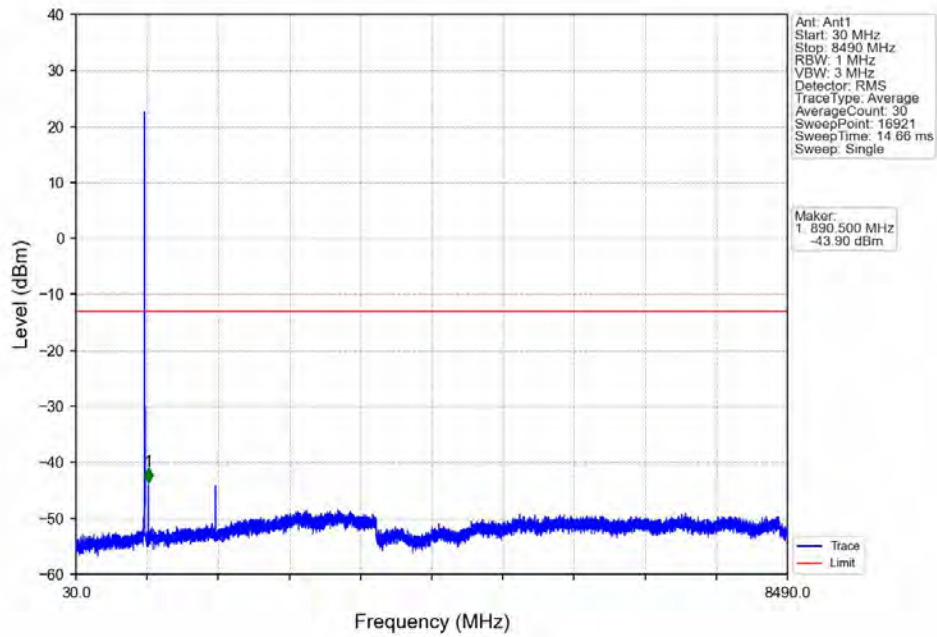
Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_0_NTNV



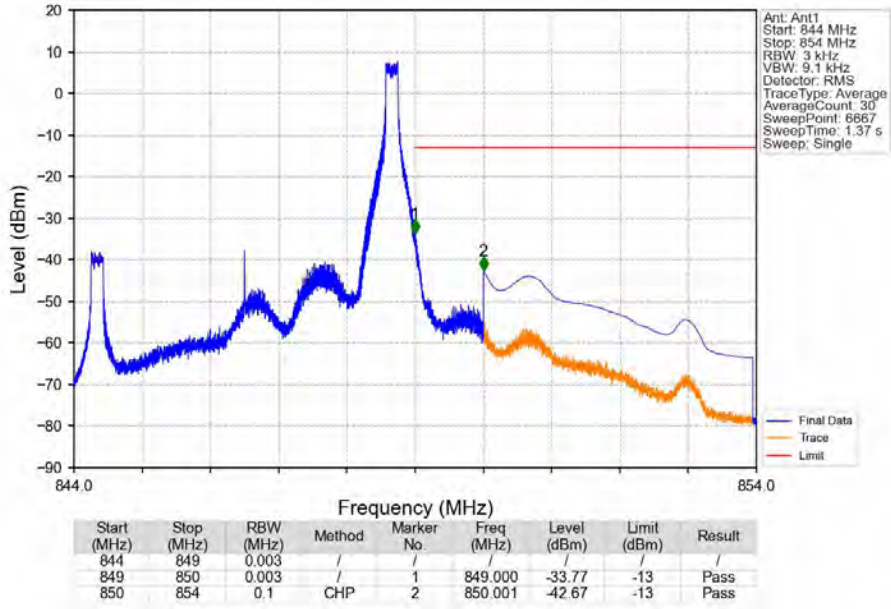
Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_0_NTNV



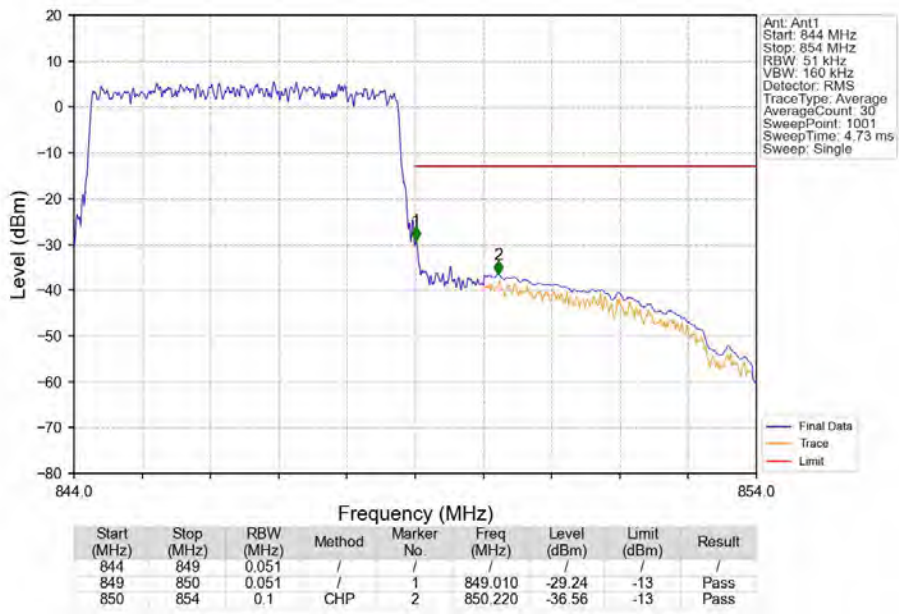
Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_0_NTNV



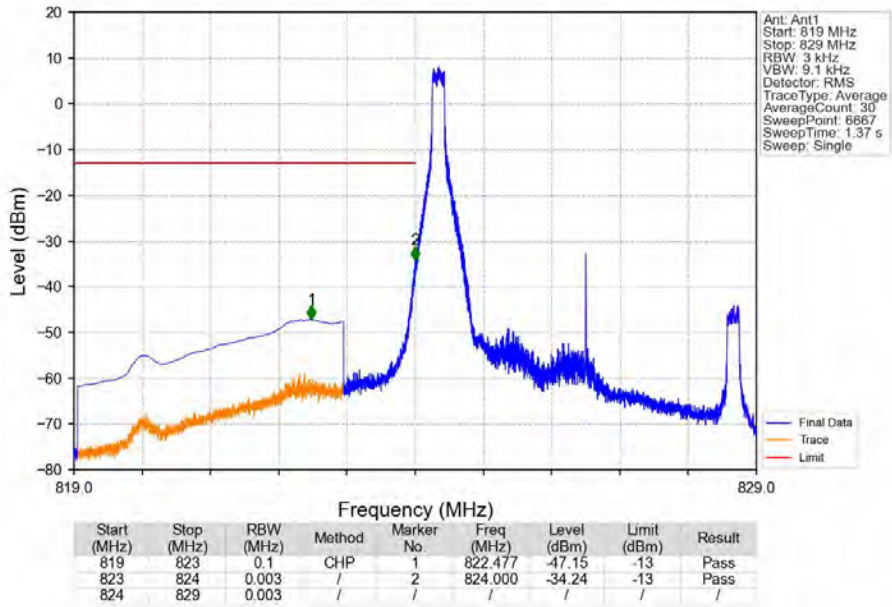
Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_24_NTNV



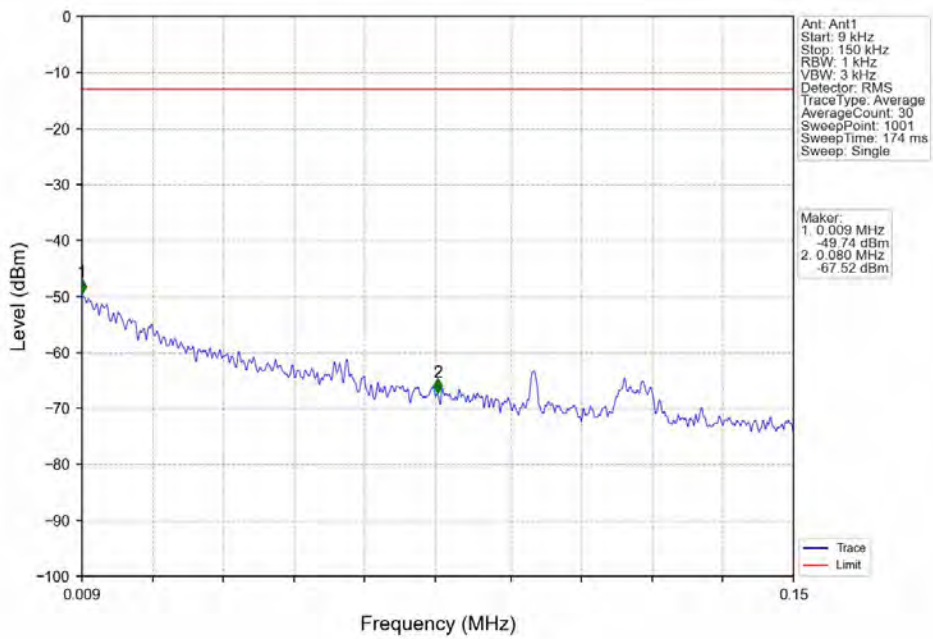
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



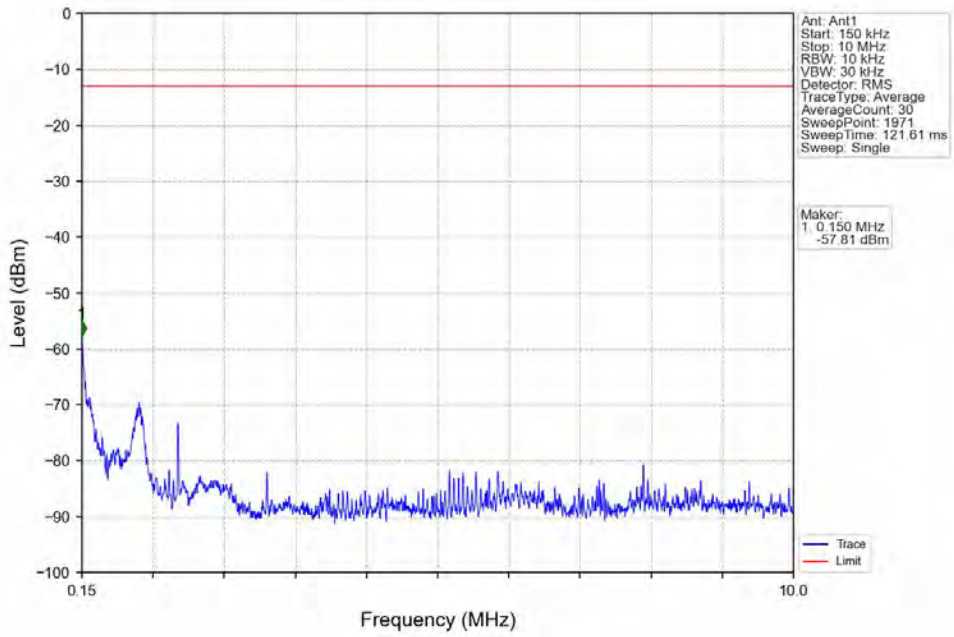
Band5_5MHz_16QAM_LCH_826.5MHz_RB_1_0_NTNV



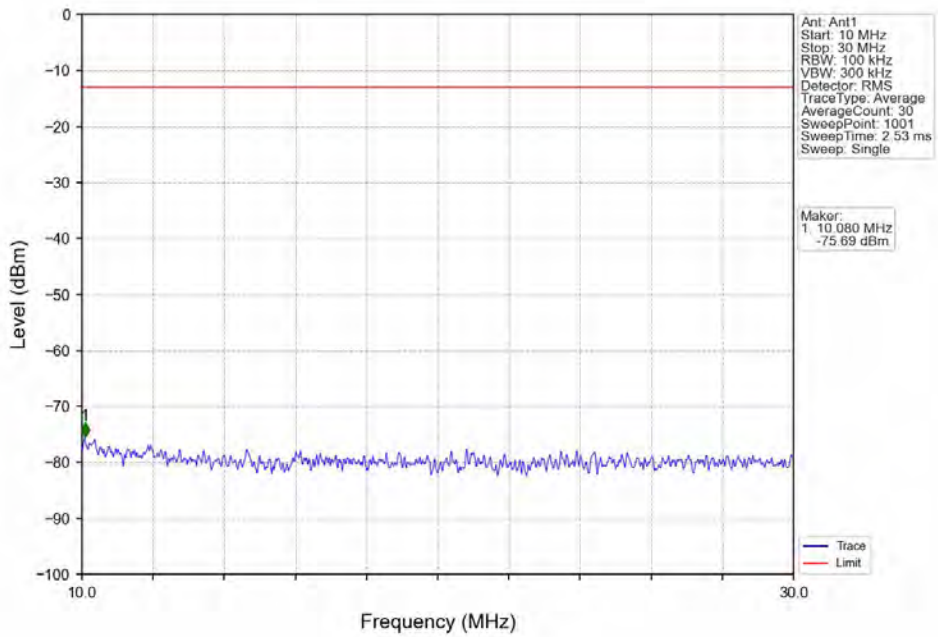
Band5_5MHz_16QAM_LCH_826.5MHz_RB_1_0_NTNV



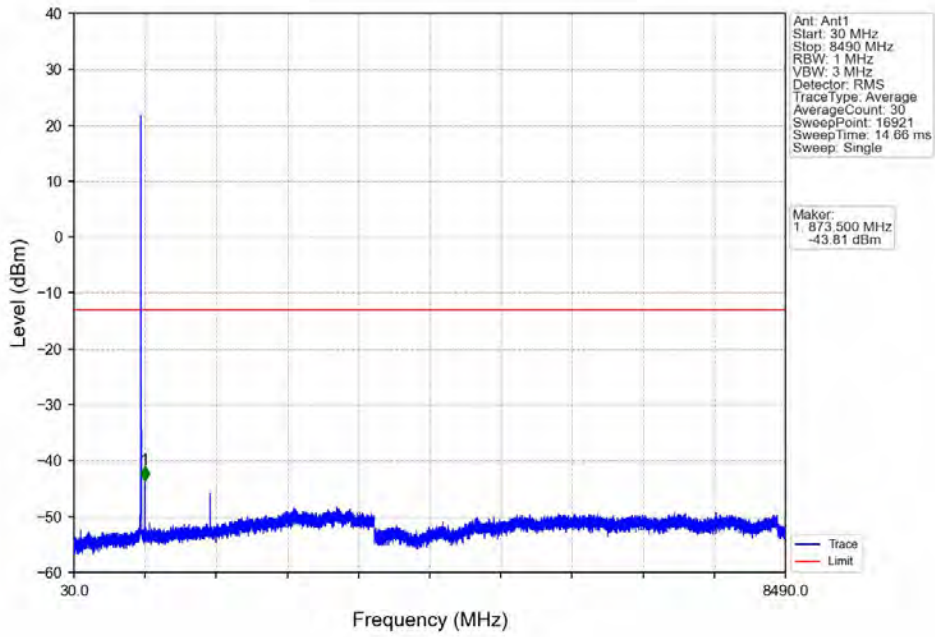
Band5_5MHz_16QAM_LCH_826.5MHz_RB_1_0_NTNV



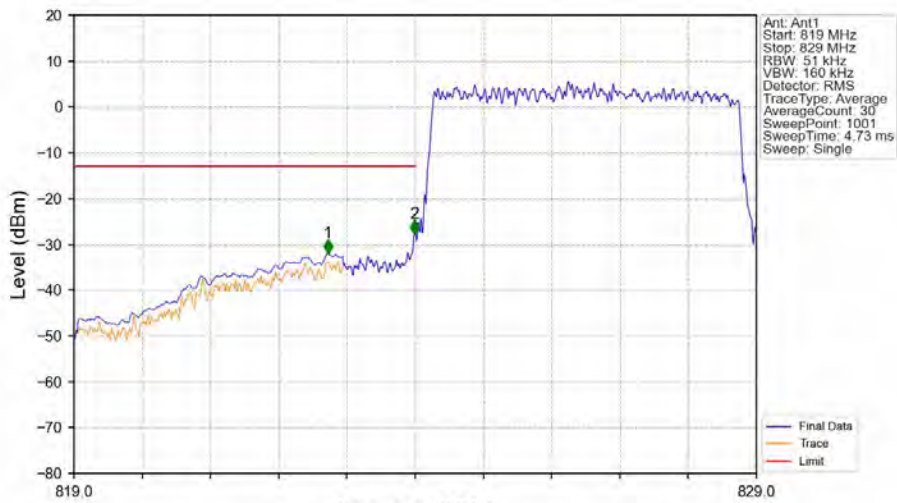
Band5_5MHz_16QAM_LCH_826.5MHz_RB_1_0_NTNV



Band5_5MHz_16QAM_LCH_826.5MHz_RB_1_0_NTNV

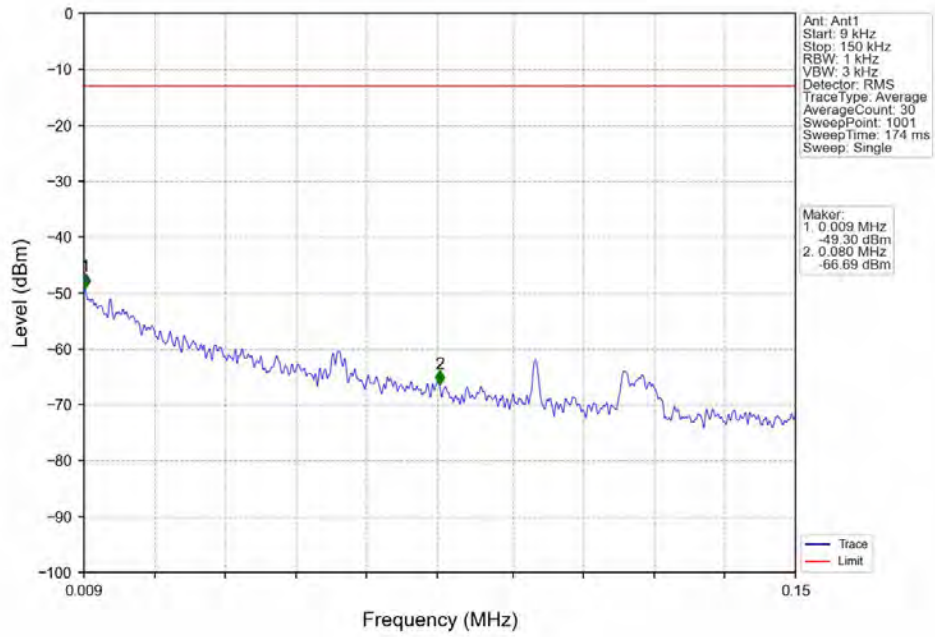


Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV

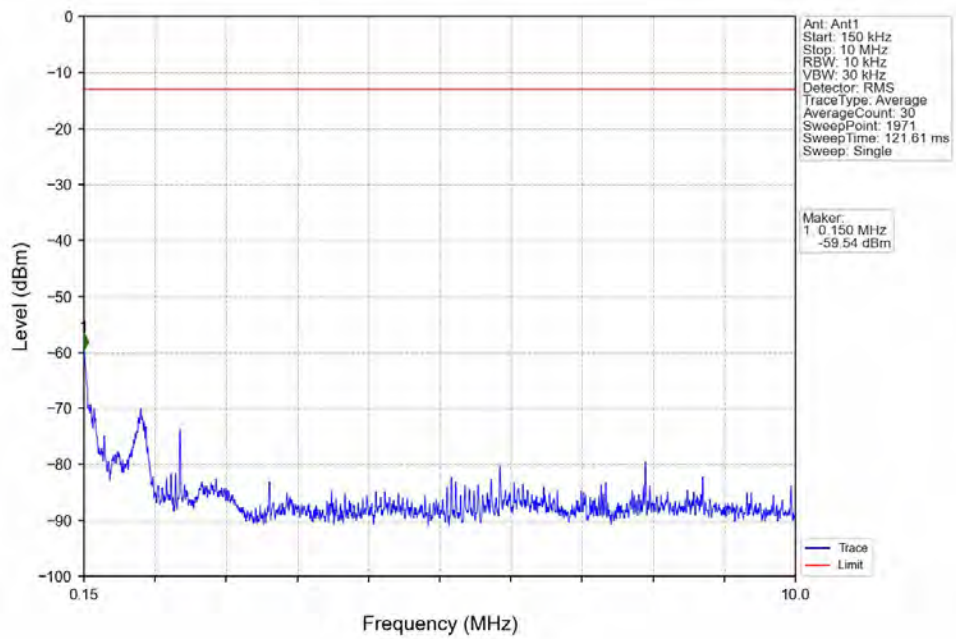


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.720	-31.97	-13	Pass
823	824	0.051	/	2	823.990	-27.71	-13	Pass
824	829	0.051	/	/	/	/	/	/

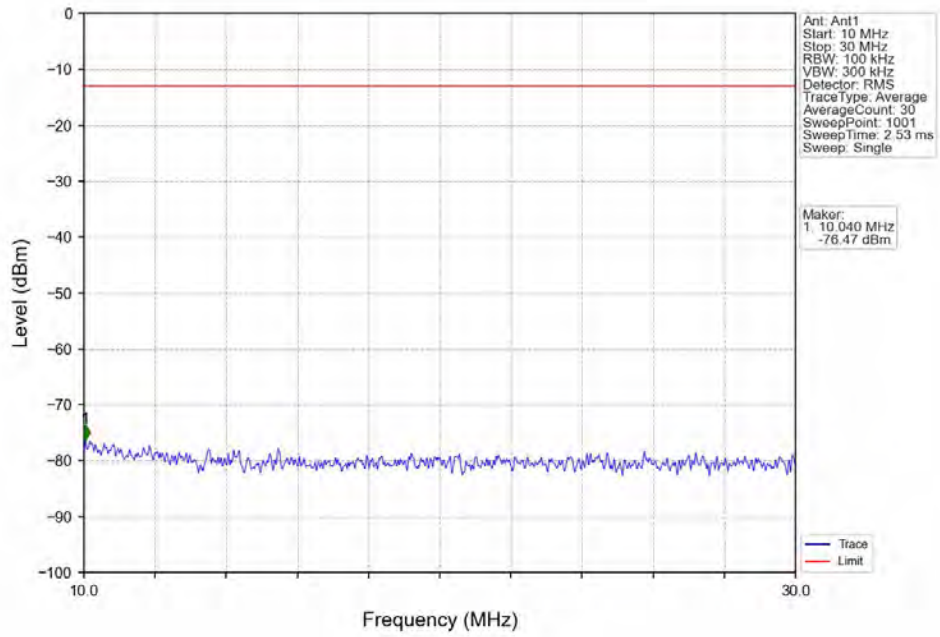
Band5 5MHz 16QAM MCH 836.5MHz RB 1 0 NTN



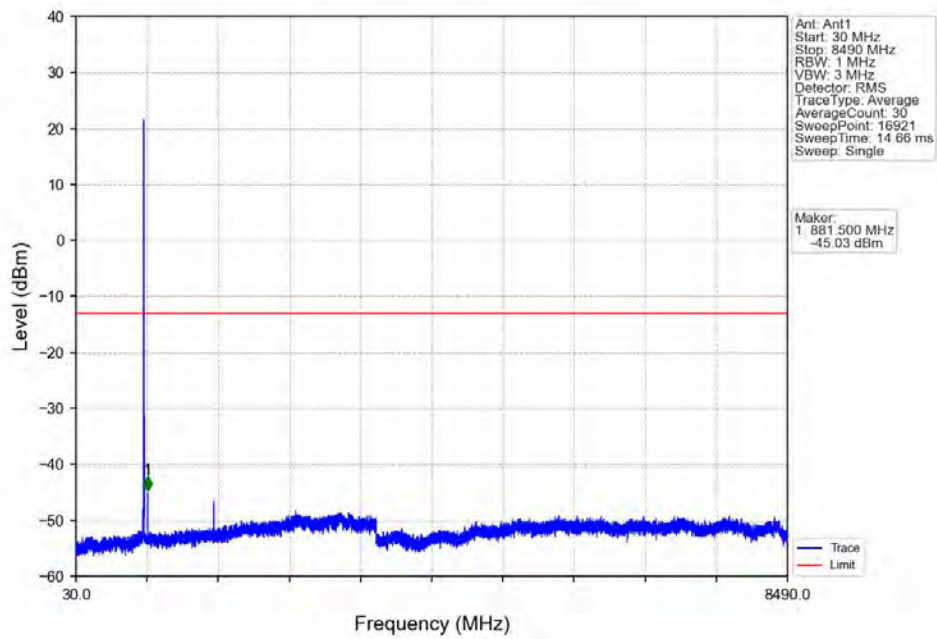
Band5 5MHz 16QAM MCH 836.5MHz RB 1 0 NTN



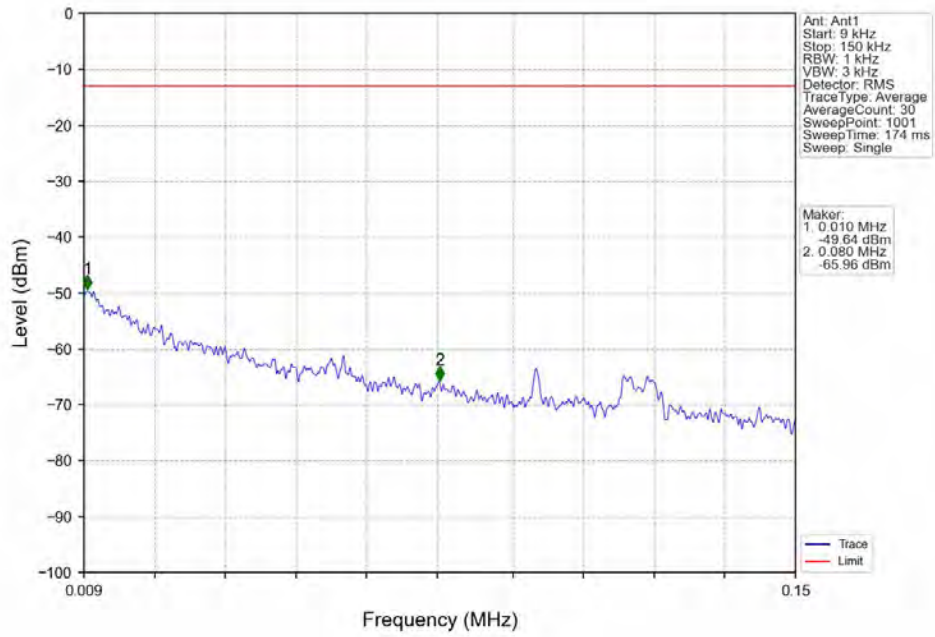
Band5_5MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



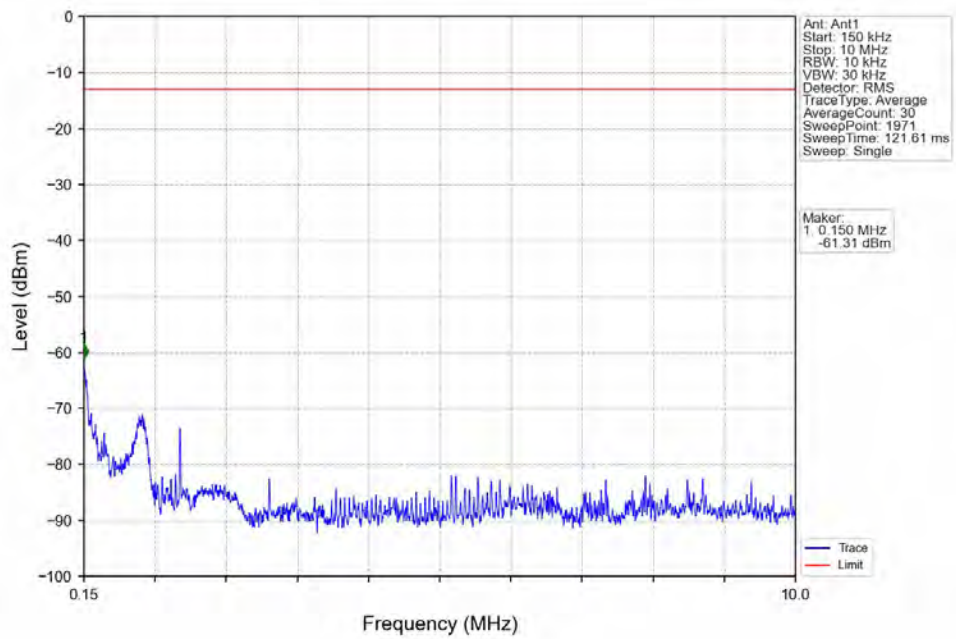
Band5_5MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



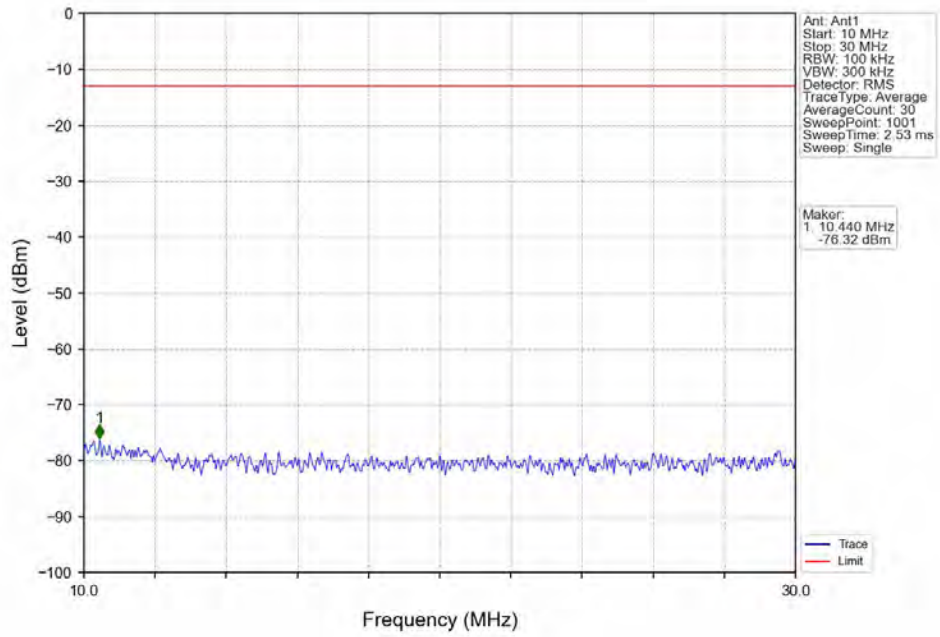
Band5_5MHz_16QAM_HCH_846.5MHz_RB_1_0_NTNV



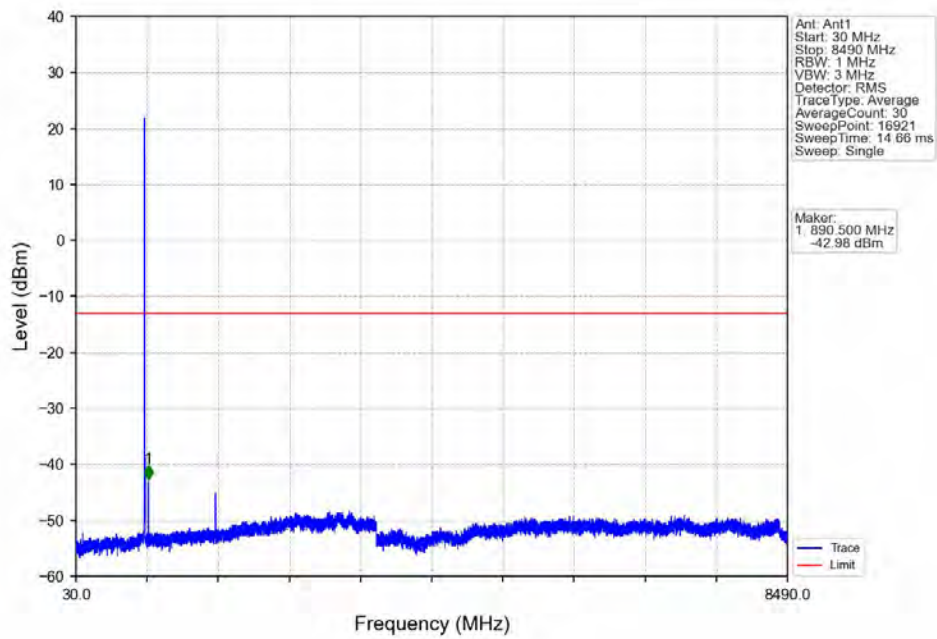
Band5_5MHz_16QAM_HCH_846.5MHz_RB_1_0_NTNV



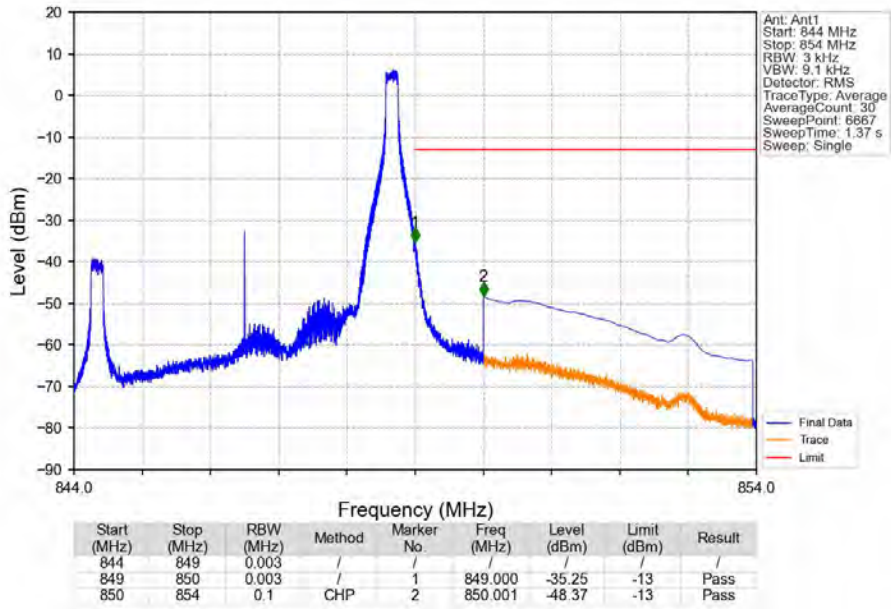
Band5_5MHz_16QAM_HCH_846.5MHz_RB_1_0_NTNV



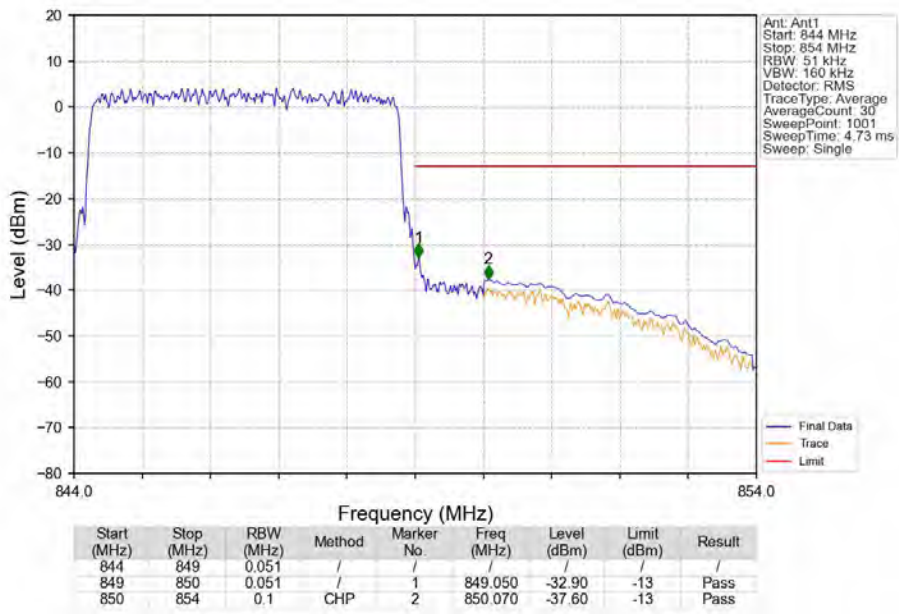
Band5_5MHz_16QAM_HCH_846.5MHz_RB_1_0_NTNV



Band5_5MHz_16QAM_HCH_846.5MHz_RB_1_24_NTNV



Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV

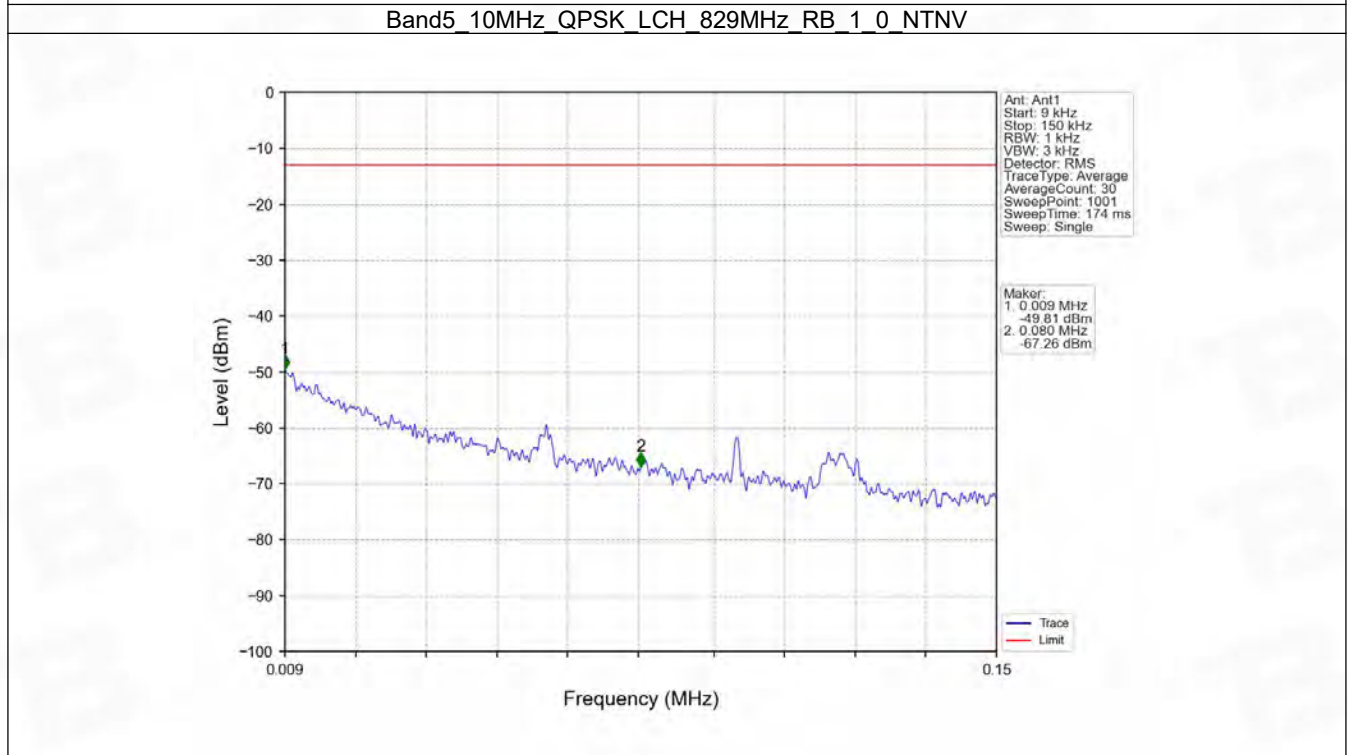
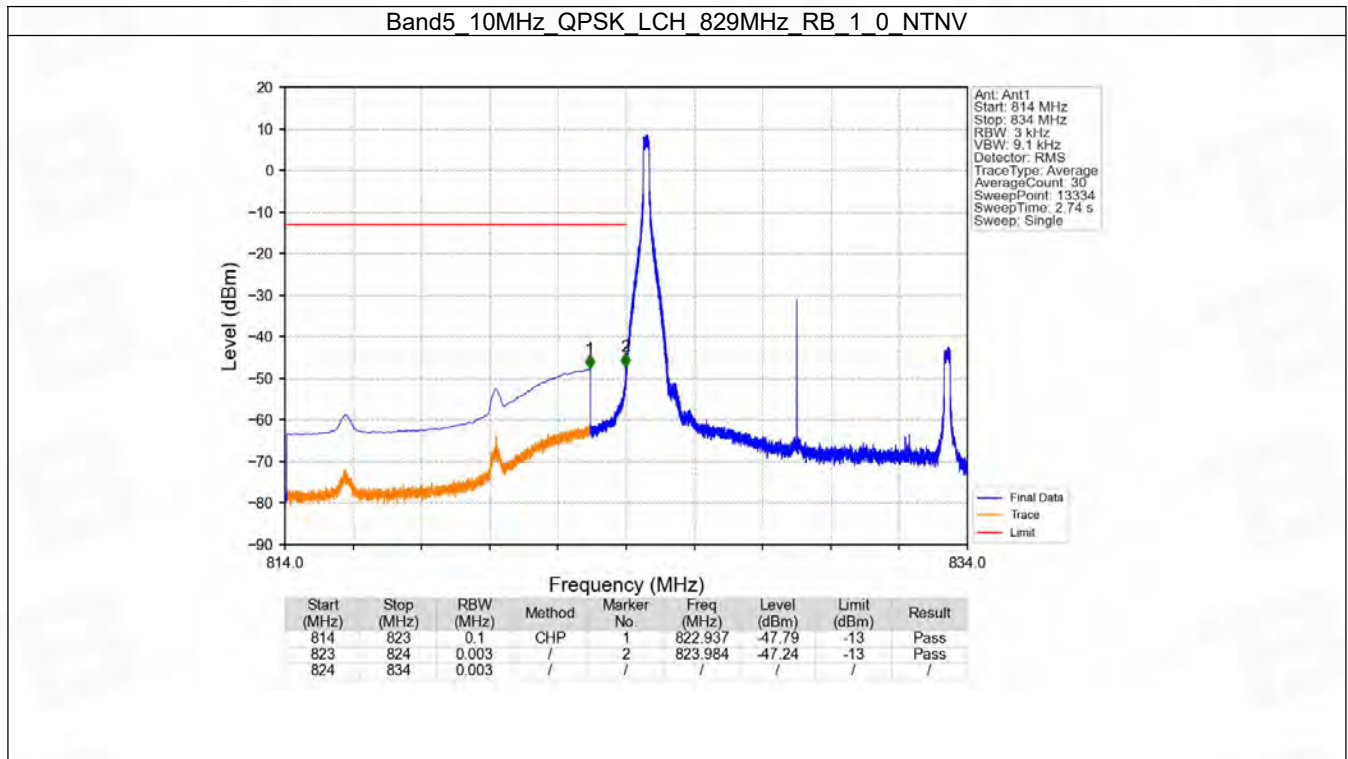


6.4 B5_10MHz

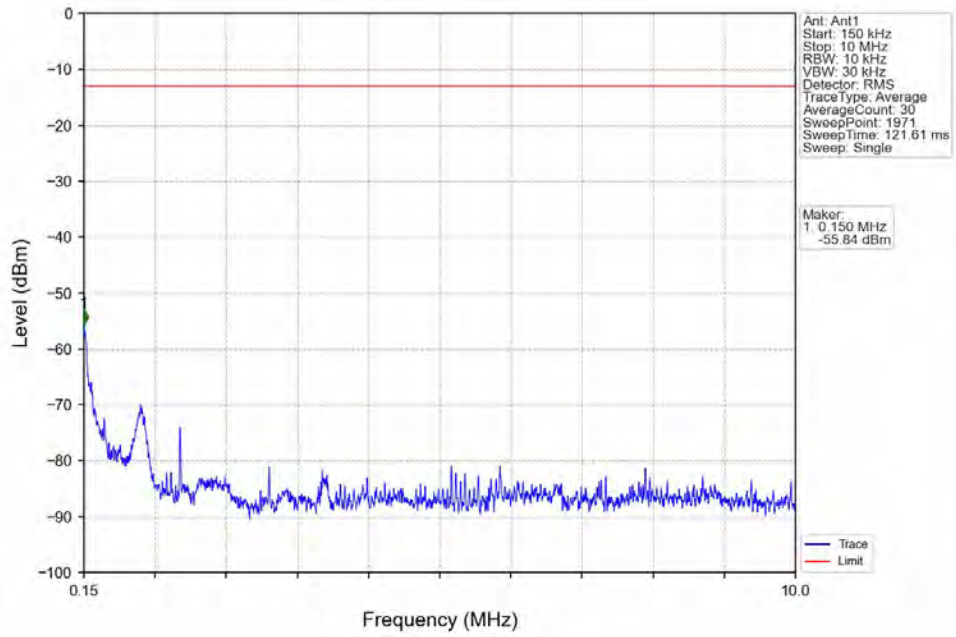
6.4.1 Test Result

Band: 5 / Bandwidth: 10MHz / NTV						
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

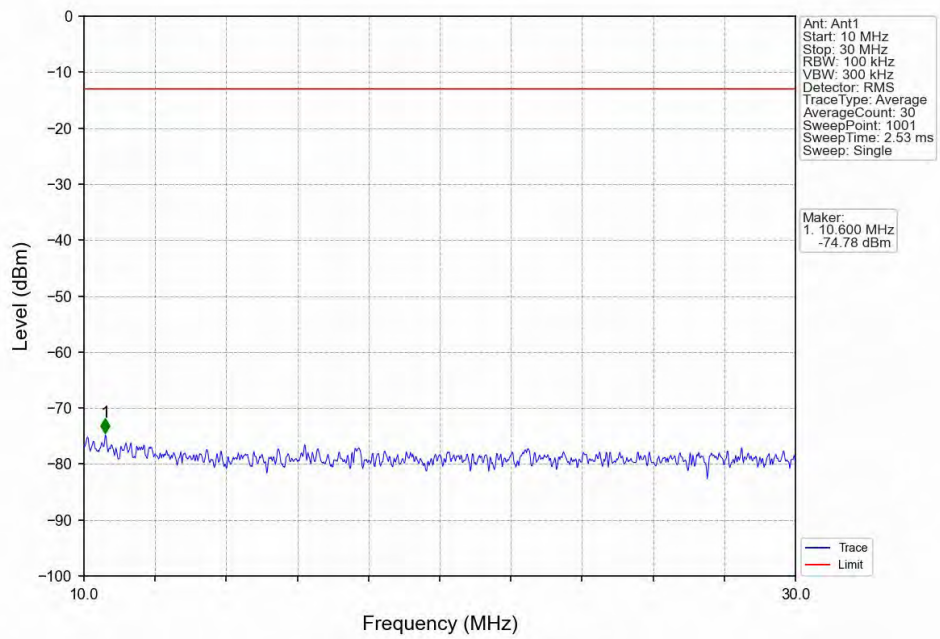
6.4.2 Test Graph



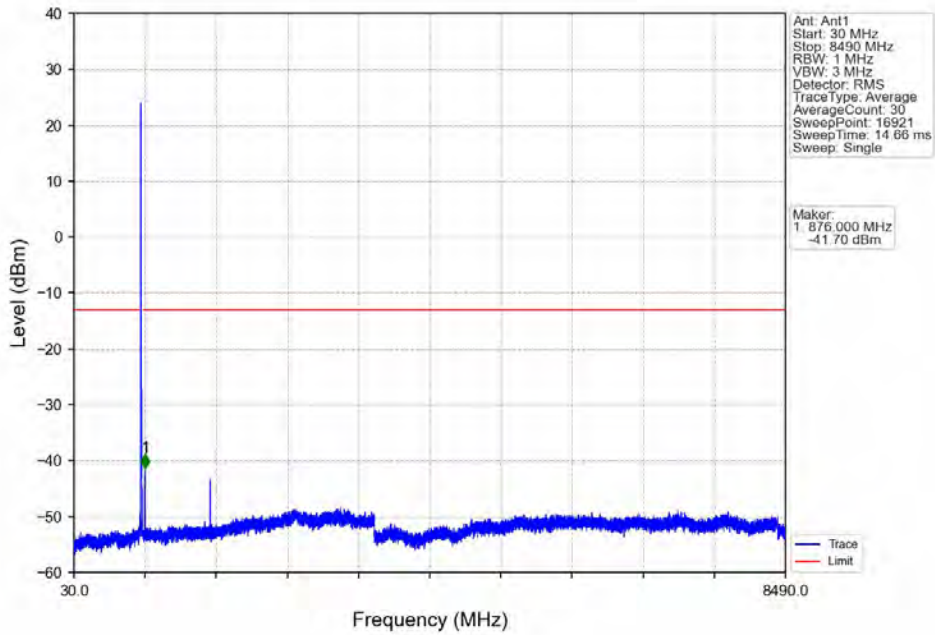
Band5 10MHz QPSK LCH 829MHz RB 1 0 NTV



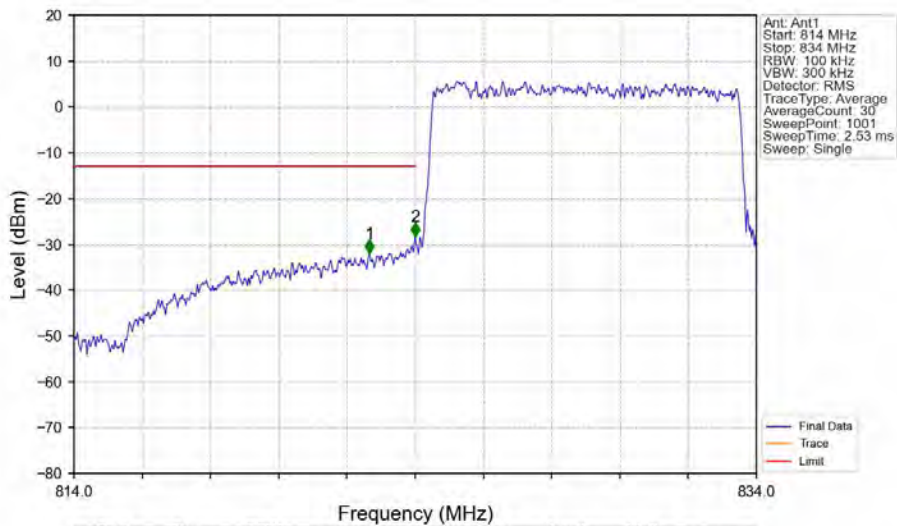
Band5 10MHz QPSK LCH 829MHz RB 1 0 NTV



Band5_10MHz_QPSK_LCH_829MHz_RB_1_0_NTNV

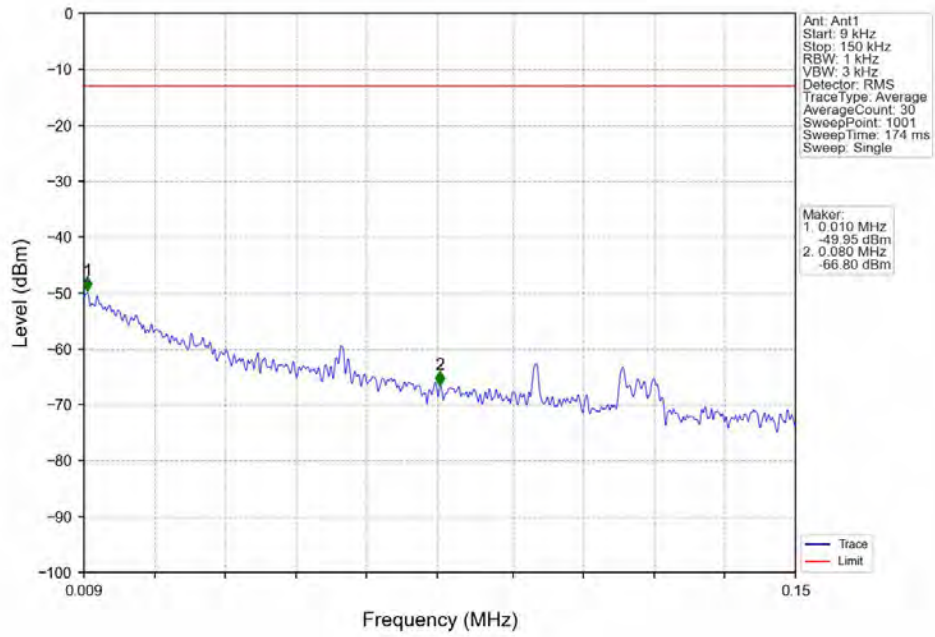


Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV

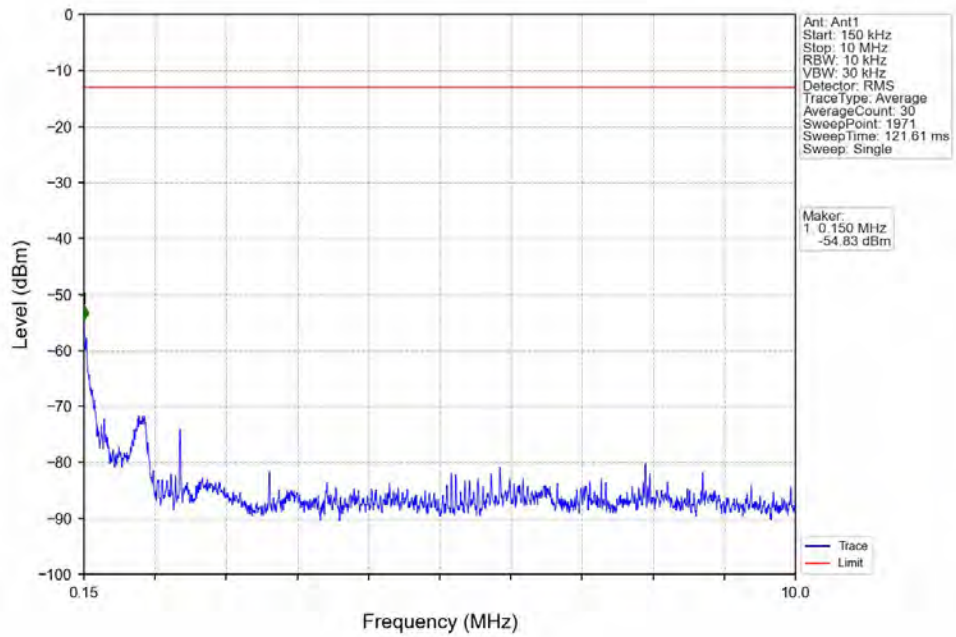


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	823	0.1	/	1	822.660	-32.09	-13	Pass
823	824	0.101	/	2	824.000	-28.37	-13	Pass
824	834	0.101	/	/	/	/	/	/

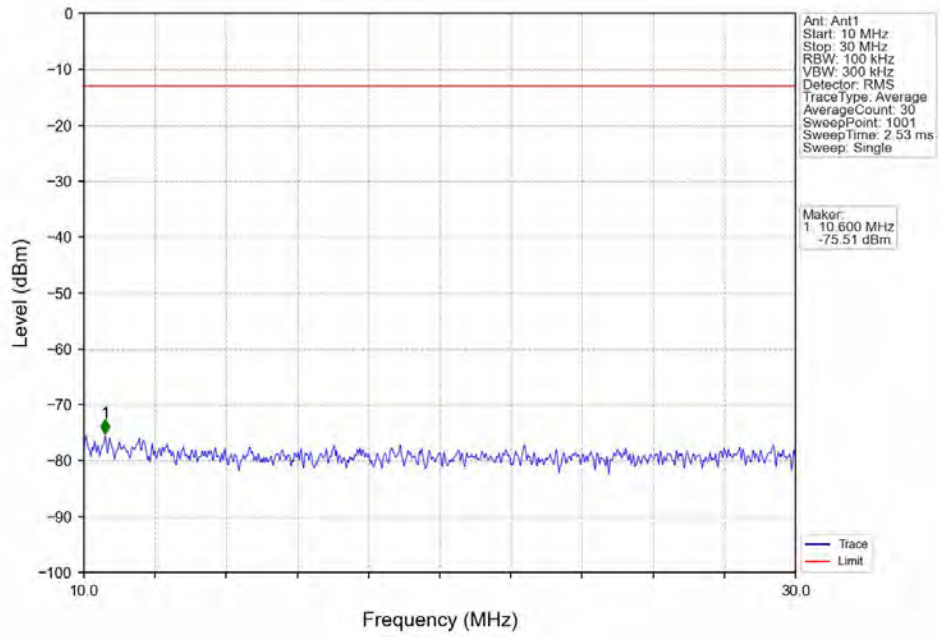
Band5_10MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



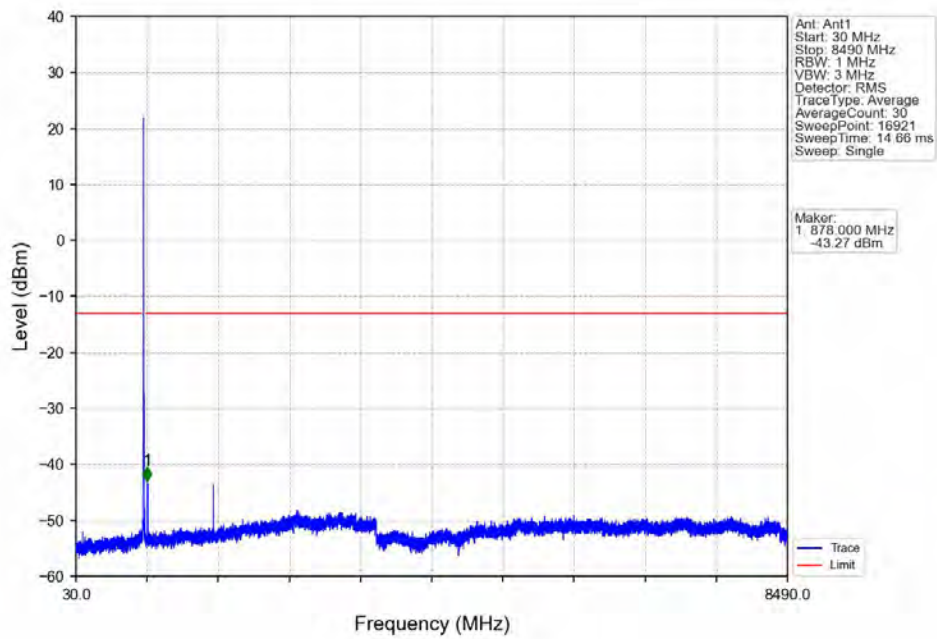
Band5_10MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



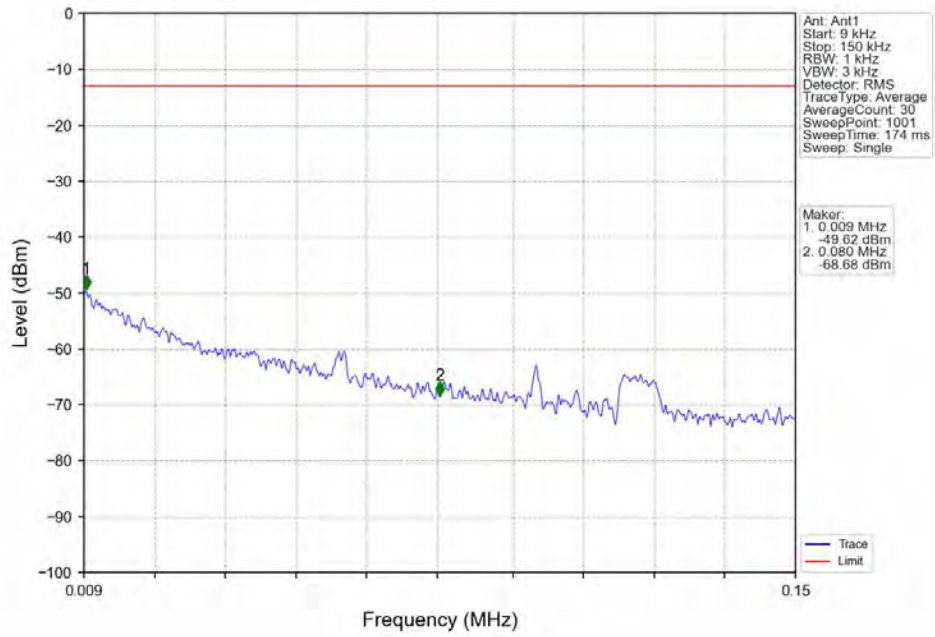
Band5_10MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



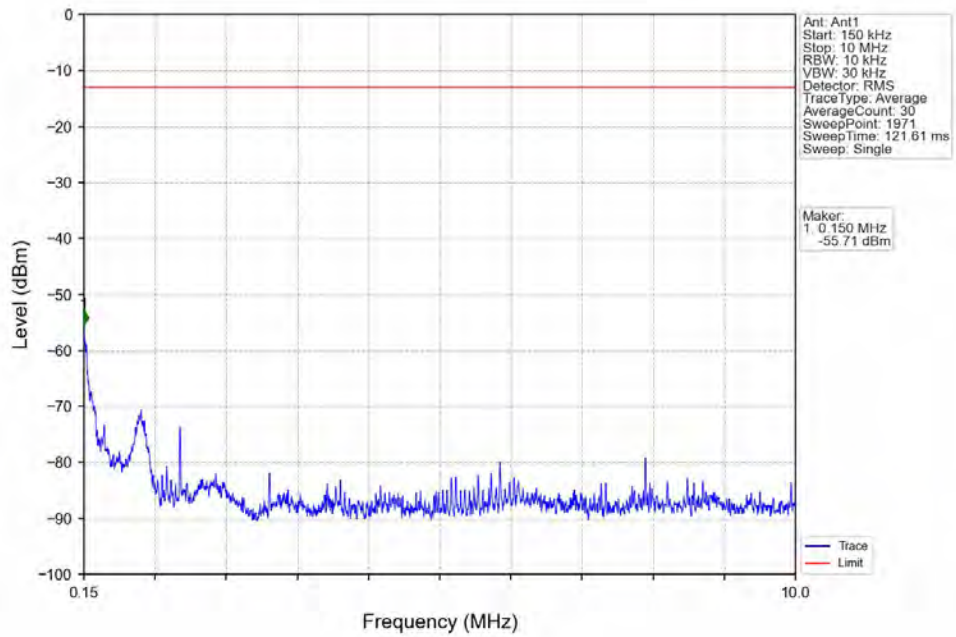
Band5_10MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



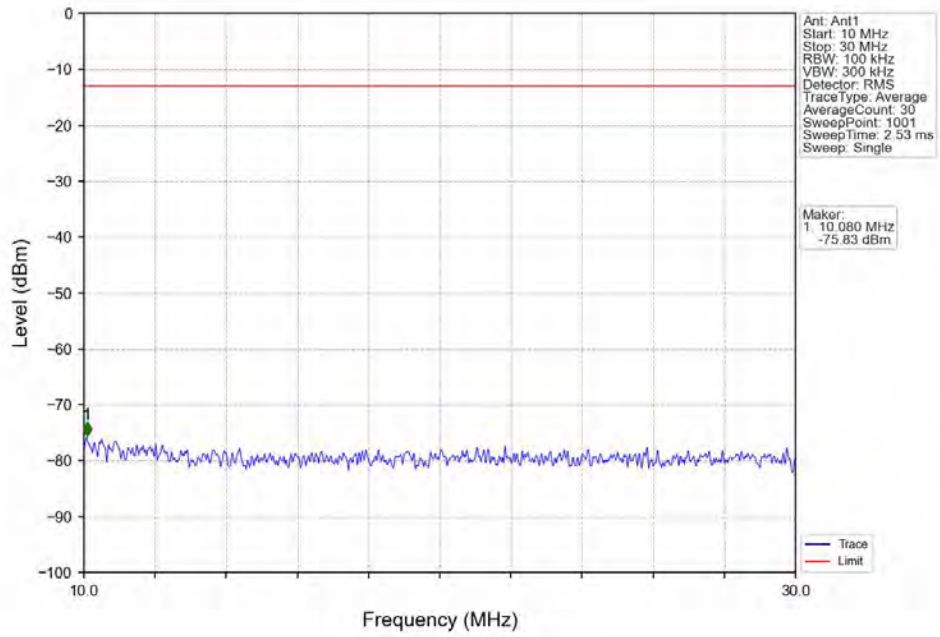
Band5_10MHz_QPSK_HCH_844MHz_RB_1_0_NTNV



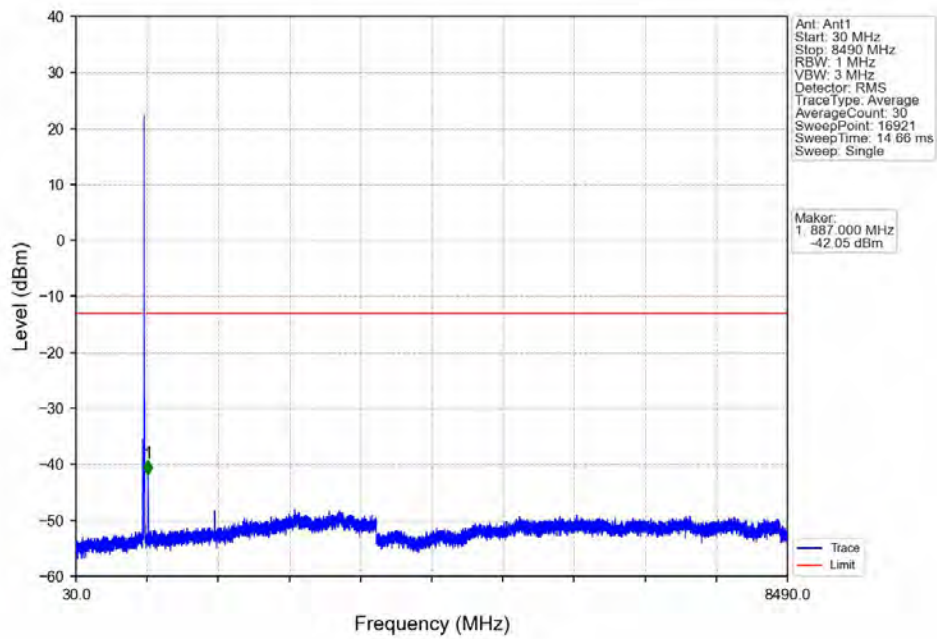
Band5_10MHz_QPSK_HCH_844MHz_RB_1_0_NTNV



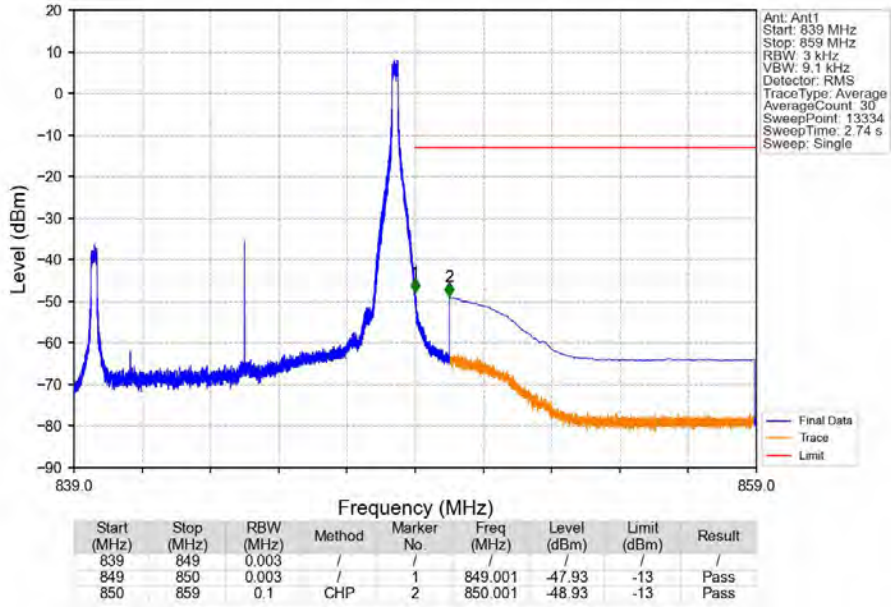
Band5_10MHz_QPSK_HCH_844MHz_RB_1_0_NTNV



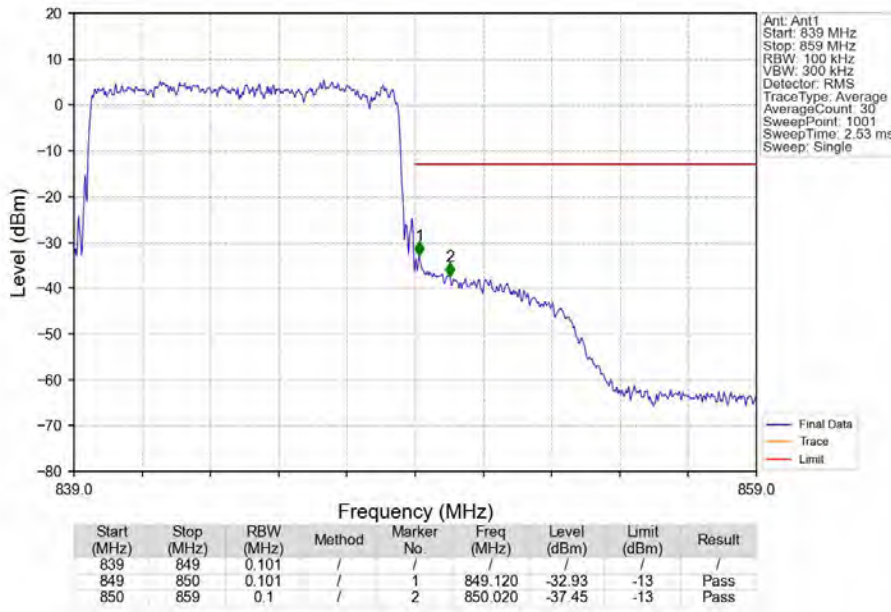
Band5_10MHz_QPSK_HCH_844MHz_RB_1_0_NTNV



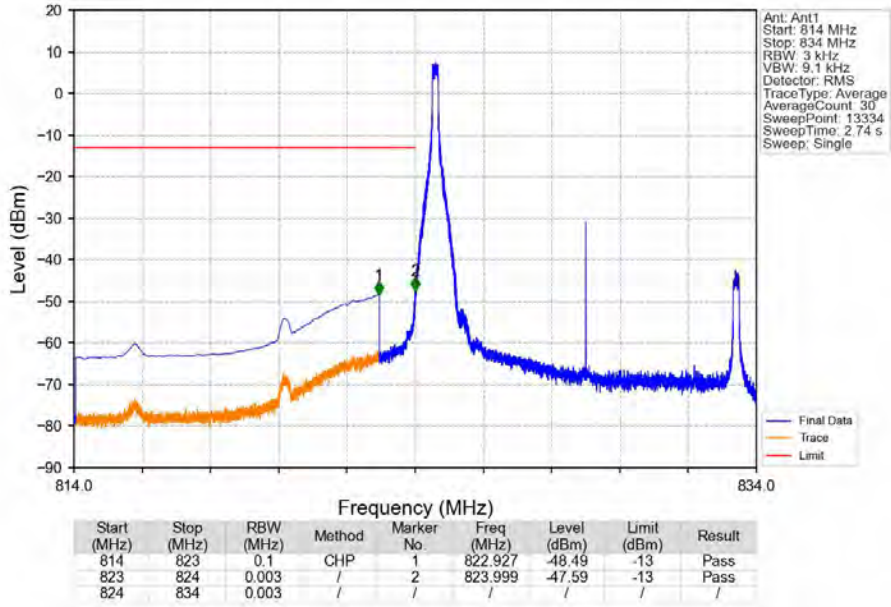
Band5_10MHz QPSK HCH 844MHz RB 1 49 NTNV



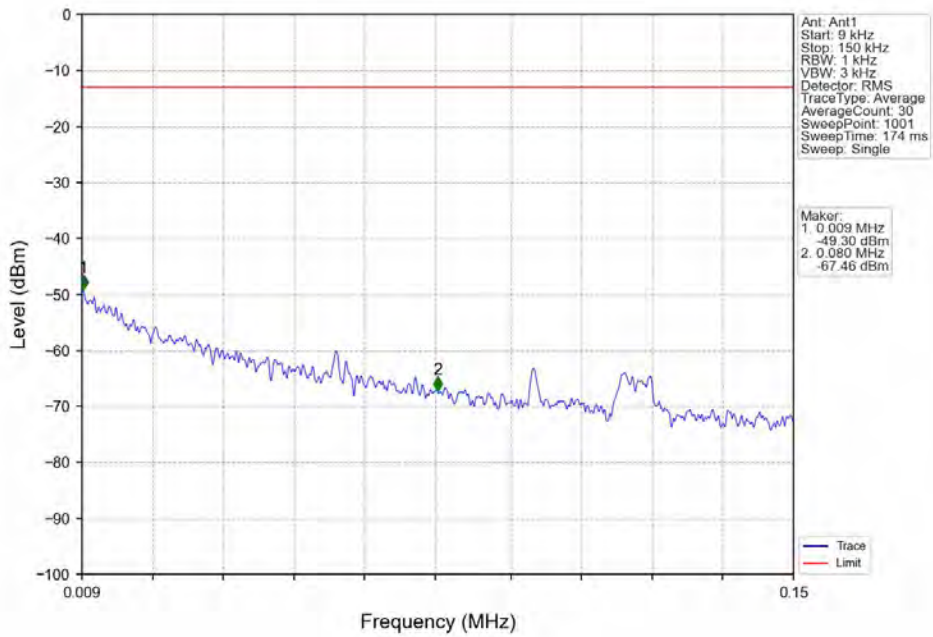
Band5_10MHz QPSK HCH 844MHz RB 50 0 NTNV



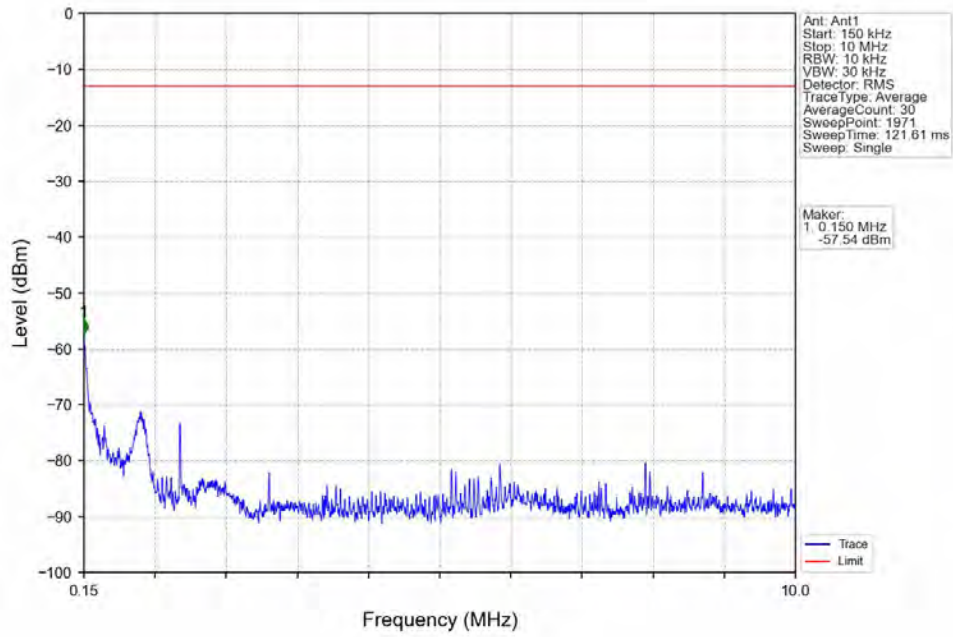
Band5_10MHz_16QAM_LCH_829MHz_RB_1_0_NTNV



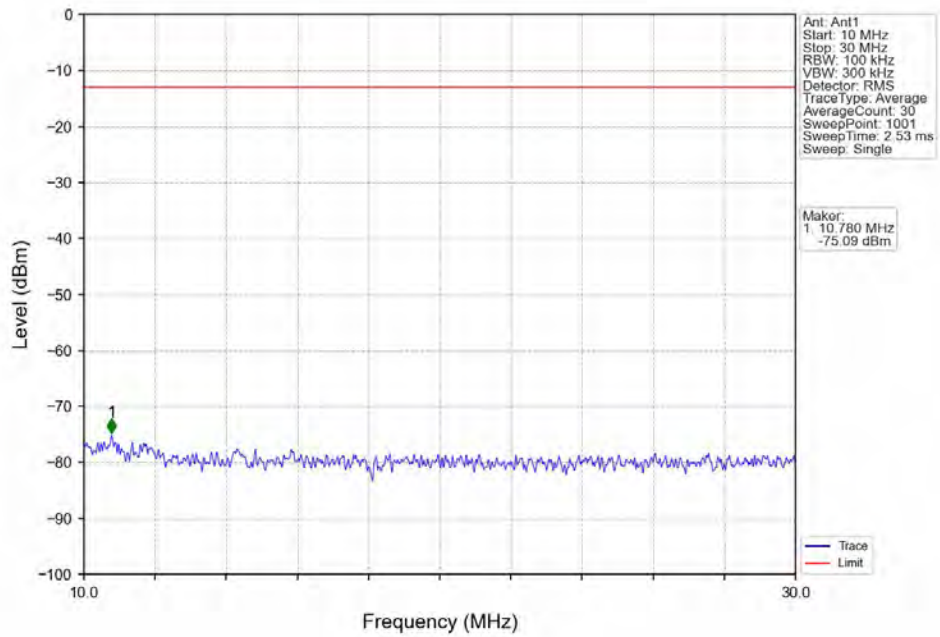
Band5_10MHz_16QAM_LCH_829MHz_RB_1_0_NTNV



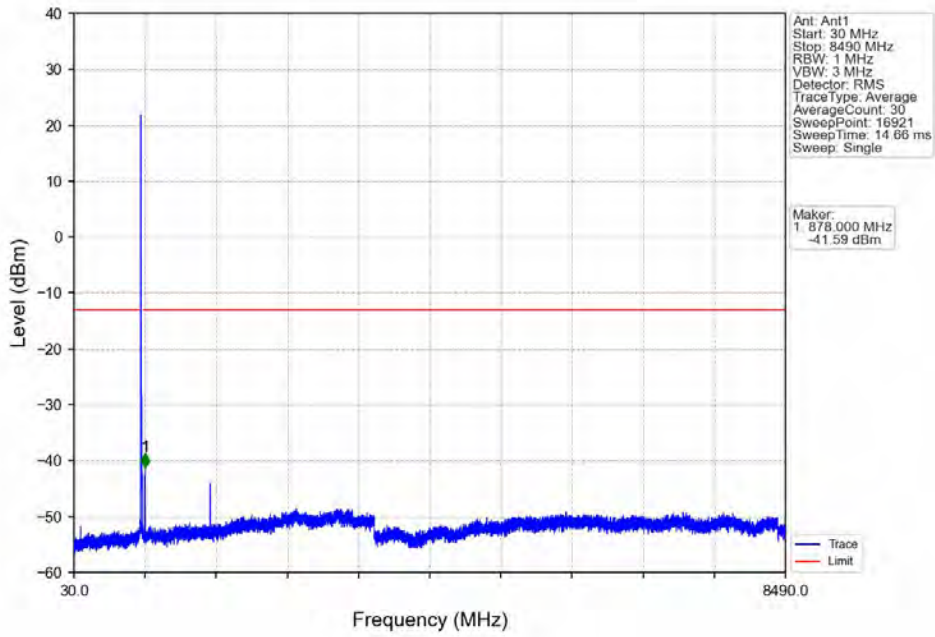
Band5_10MHz_16QAM_LCH_829MHz_RB_1_0_NTNV



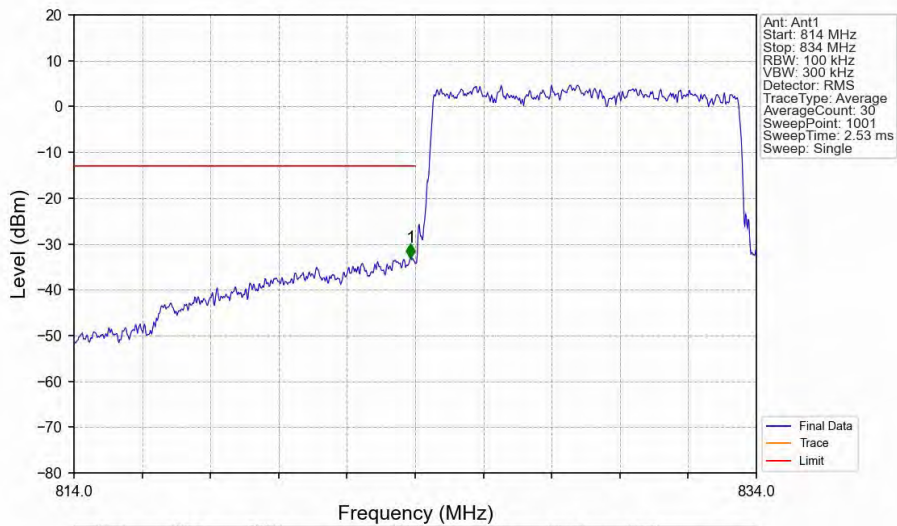
Band5_10MHz_16QAM_LCH_829MHz_RB_1_0_NTNV



Band5_10MHz_16QAM_LCH_829MHz_RB_1_0_NTNV

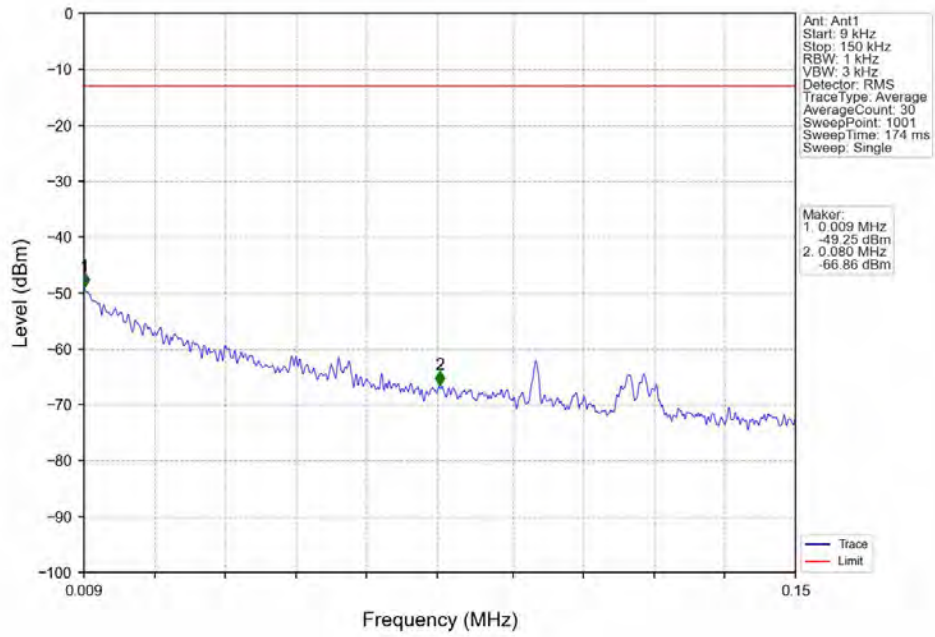


Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV

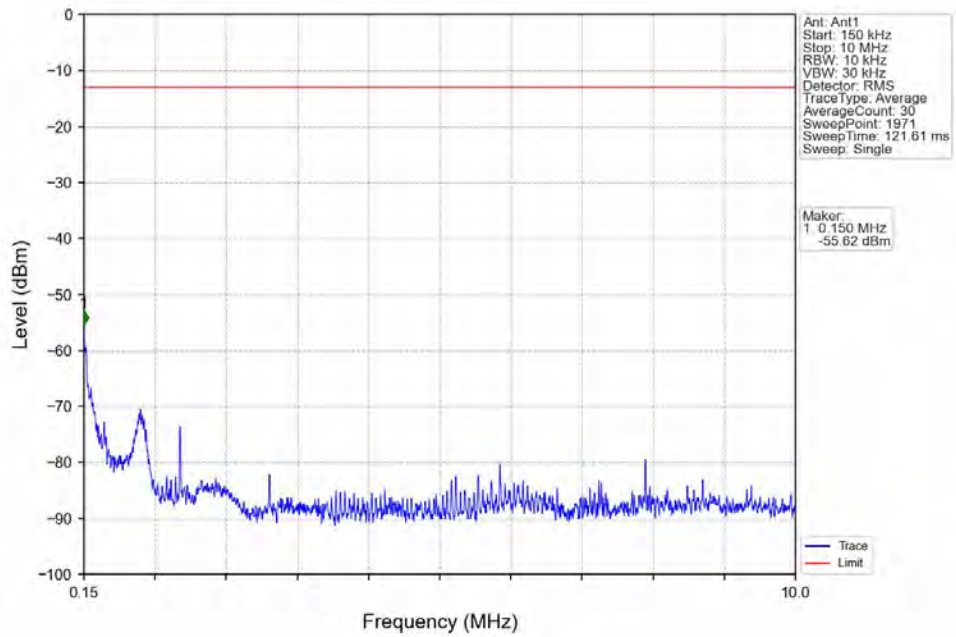


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	824	0.1	/	1	823.860	-33.00	-13	Pass
824	834	0.1	/	/	/	/	/	/

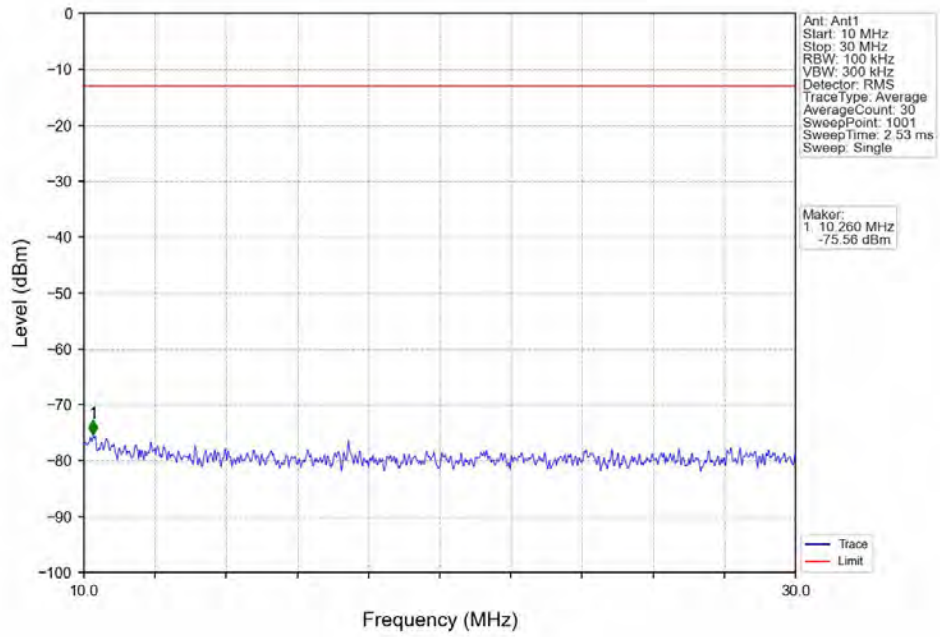
Band5_10MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



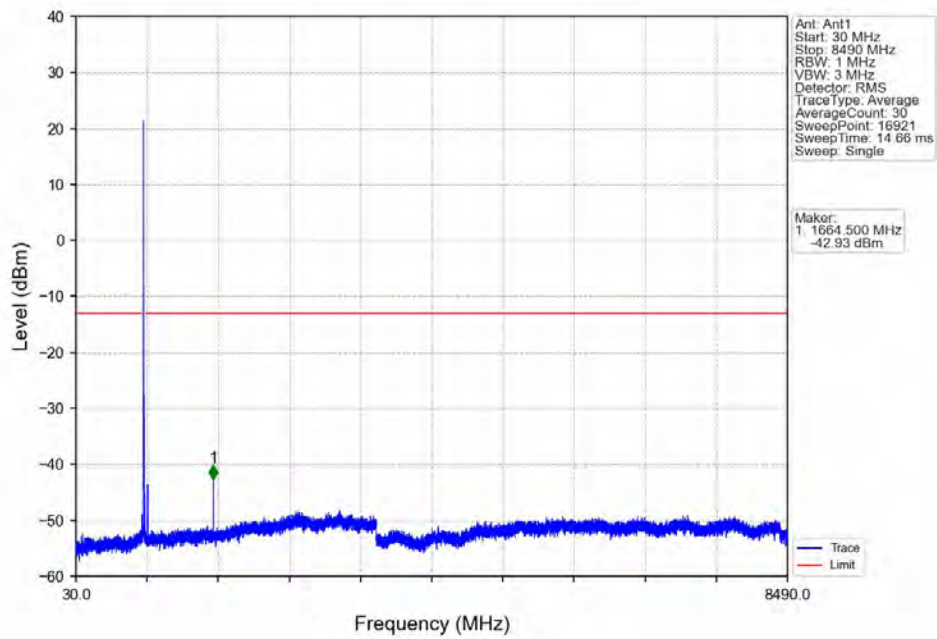
Band5_10MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



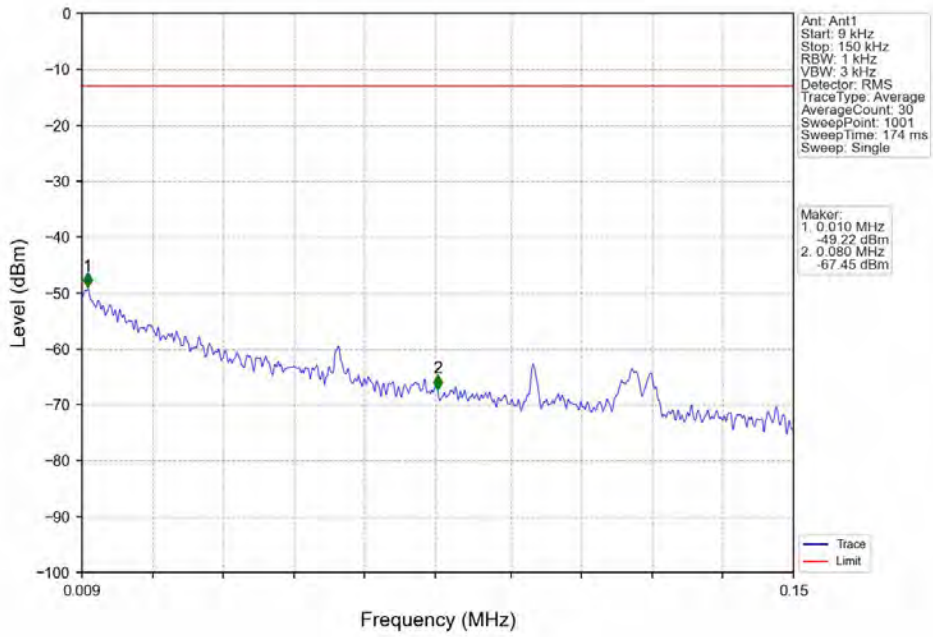
Band5_10MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



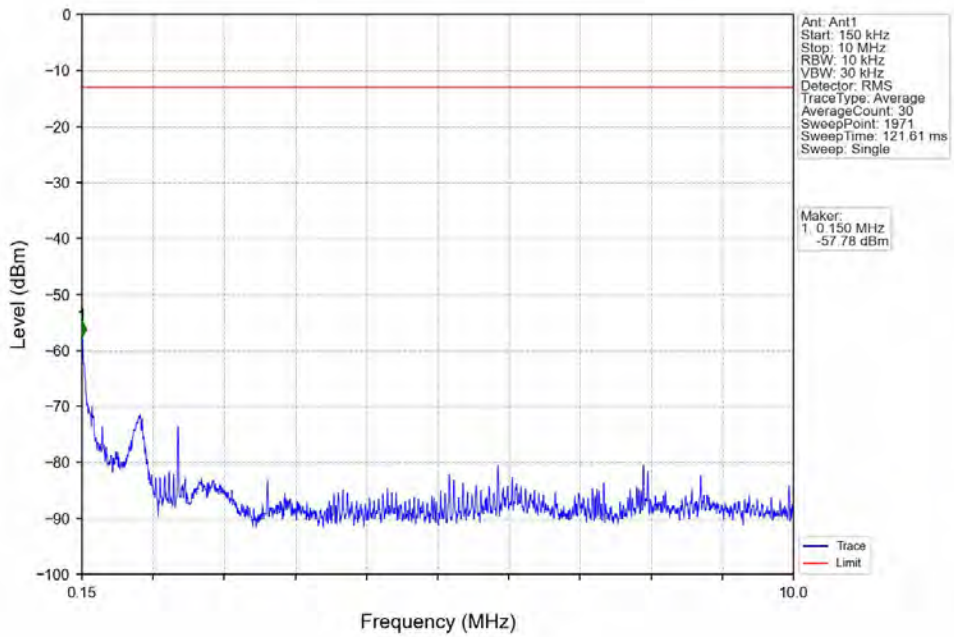
Band5_10MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



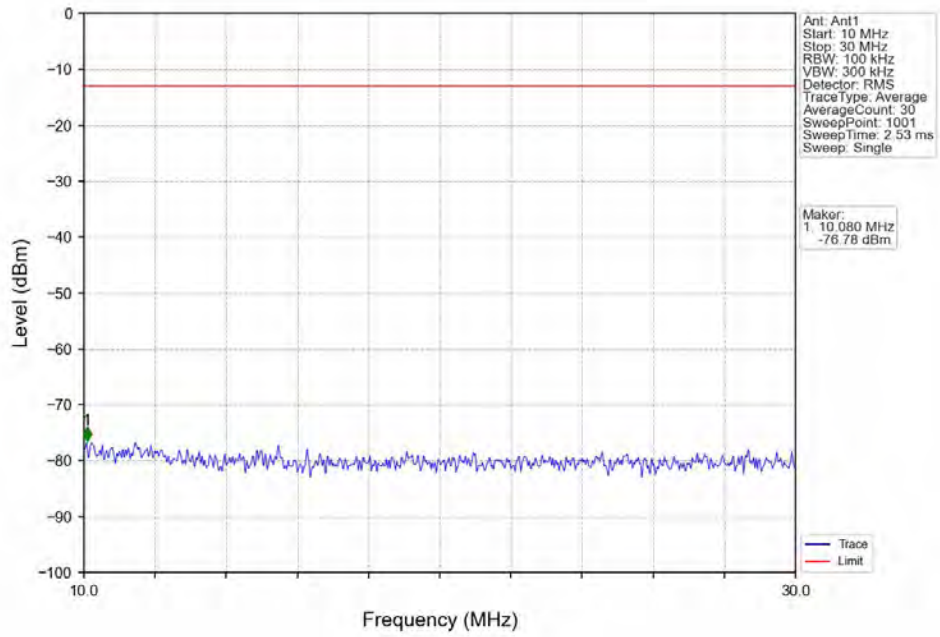
Band5_10MHz_16QAM_HCH_844MHz_RB_1_0_NTNV



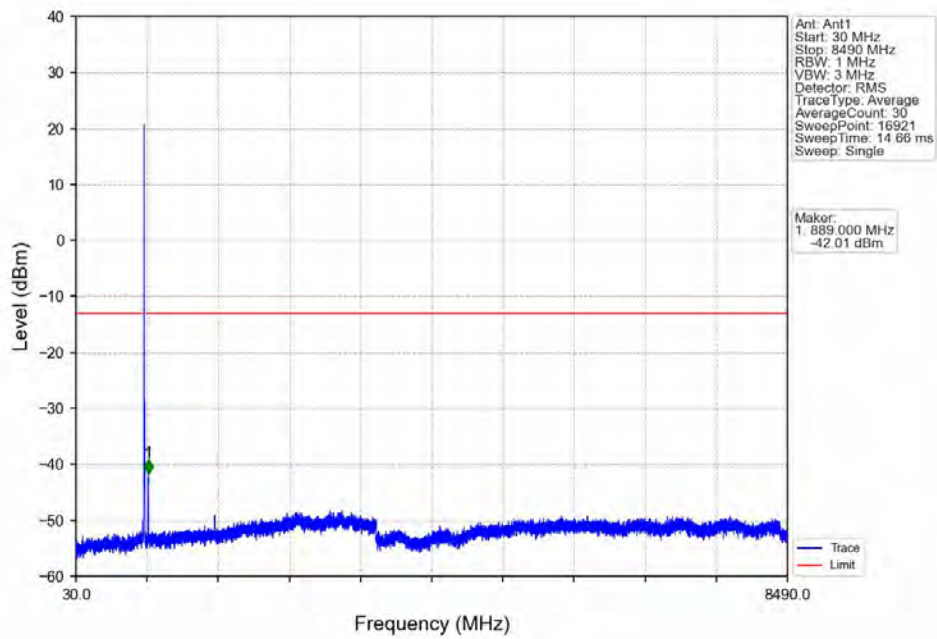
Band5_10MHz_16QAM_HCH_844MHz_RB_1_0_NTNV



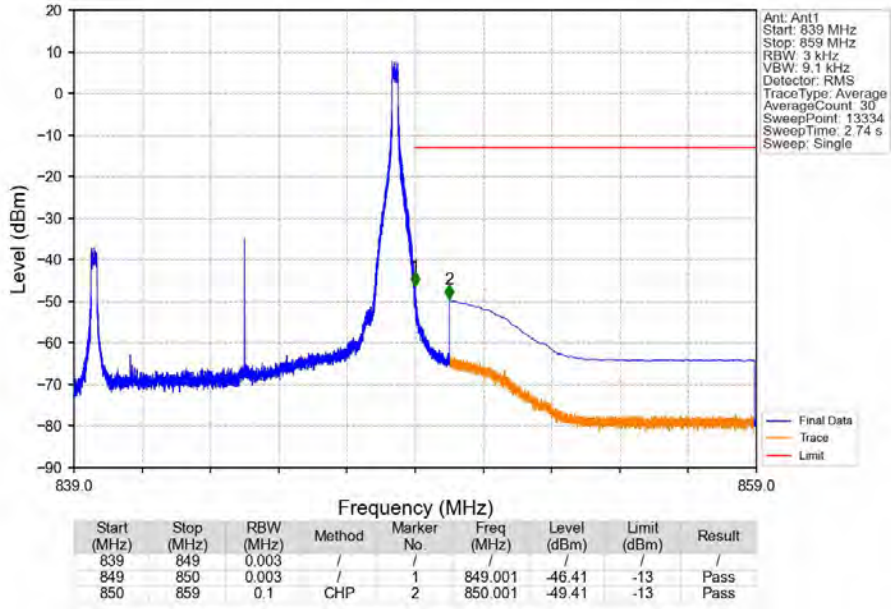
Band5_10MHz_16QAM_HCH_844MHz_RB_1_0_NTNV



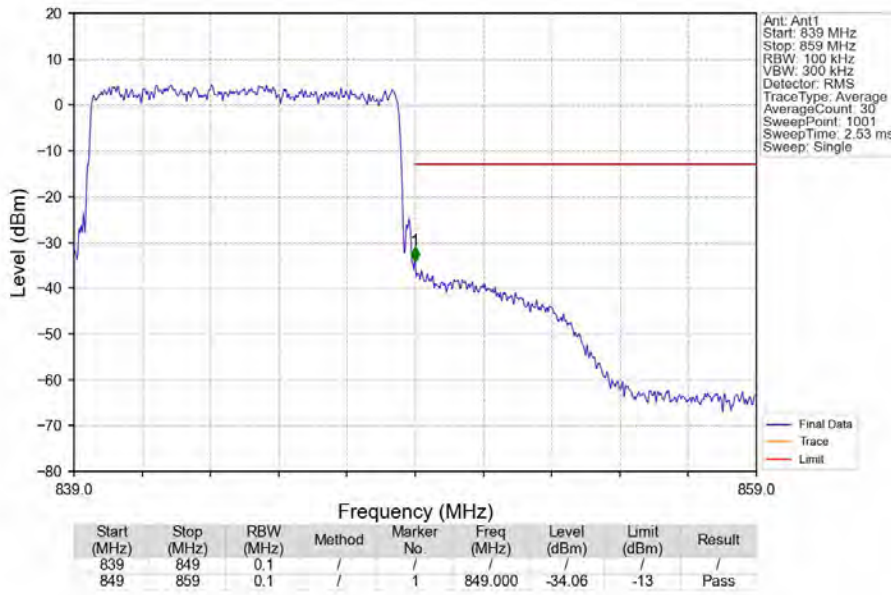
Band5_10MHz_16QAM_HCH_844MHz_RB_1_0_NTNV



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	0.2404	0.0203	ppm	1M12G7D	22H	23.81
5	1.4	824.7	848.3	0.1932	0.0188	ppm	1M12W7D	22H	22.86
5	3	825.5	847.5	0.2291	0.0043	ppm	2M74G7D	22H	23.60
5	3	825.5	847.5	0.2037	0.0038	ppm	2M76W7D	22H	23.09
5	5	826.5	846.5	0.2173	0.0032	ppm	4M55G7D	22H	23.37
5	5	826.5	846.5	0.1914	0.0019	ppm	4M56W7D	22H	22.82
5	10	829	844	0.2415	0.0014	ppm	9M05G7D	22H	23.83
5	10	829	844	0.2148	0.0014	ppm	9M06W7D	22H	23.32

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	0.1795	0.0203	ppm	1M12G7D	22H	22.54
5	1.4	824.7	848.3	0.1442	0.0188	ppm	1M12W7D	22H	21.59
5	3	825.5	847.5	0.1710	0.0043	ppm	2M74G7D	22H	22.33
5	3	825.5	847.5	0.1521	0.0038	ppm	2M76W7D	22H	21.82
5	5	826.5	846.5	0.1622	0.0032	ppm	4M55G7D	22H	22.10
5	5	826.5	846.5	0.1429	0.0019	ppm	4M56W7D	22H	21.55
5	10	829	844	0.1803	0.0014	ppm	9M05G7D	22H	22.56
5	10	829	844	0.1603	0.0014	ppm	9M06W7D	22H	22.05