

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B5_1.4MHz_ERP

Band: 5 / Bandwidth: 1.4MHz / NTNV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	824.7	1	0	21.87	-1.15	18.57	<=38.45	Pass		
			2	21.97	-1.15	18.67	<=38.45	Pass		
			5	21.85	-1.15	18.55	<=38.45	Pass		
		3	0	21.93	-1.15	18.63	<=38.45	Pass		
			2	21.99	-1.15	18.69	<=38.45	Pass		
			3	21.92	-1.15	18.62	<=38.45	Pass		
		6	0	20.92	-1.15	17.62	<=38.45	Pass		
		836.5	1	0	21.80	-1.15	18.50	<=38.45	Pass	
				2	21.89	-1.15	18.59	<=38.45	Pass	
	5			21.76	-1.15	18.46	<=38.45	Pass		
	3		0	21.82	-1.15	18.52	<=38.45	Pass		
			2	21.84	-1.15	18.54	<=38.45	Pass		
			3	21.81	-1.15	18.51	<=38.45	Pass		
	6	0	20.75	-1.15	17.45	<=38.45	Pass			
	848.3	1	0	21.61	-1.15	18.31	<=38.45	Pass		
			2	21.74	-1.15	18.44	<=38.45	Pass		
			5	21.62	-1.15	18.32	<=38.45	Pass		
		3	0	21.70	-1.15	18.40	<=38.45	Pass		
			2	21.73	-1.15	18.43	<=38.45	Pass		
			3	21.68	-1.15	18.38	<=38.45	Pass		
		6	0	20.72	-1.15	17.42	<=38.45	Pass		
		16QAM	824.7	1	0	20.96	-1.15	17.66	<=38.45	Pass
					2	21.09	-1.15	17.79	<=38.45	Pass
	5				20.93	-1.15	17.63	<=38.45	Pass	
3	0			20.84	-1.15	17.54	<=38.45	Pass		
	2			20.88	-1.15	17.58	<=38.45	Pass		
	3			20.82	-1.15	17.52	<=38.45	Pass		
6	0			19.96	-1.15	16.66	<=38.45	Pass		
836.5	1			0	20.75	-1.15	17.45	<=38.45	Pass	
				2	20.86	-1.15	17.56	<=38.45	Pass	
			5	20.78	-1.15	17.48	<=38.45	Pass		
	3		0	20.85	-1.15	17.55	<=38.45	Pass		
			2	20.84	-1.15	17.54	<=38.45	Pass		
			3	20.79	-1.15	17.49	<=38.45	Pass		
6	0		19.75	-1.15	16.45	<=38.45	Pass			
848.3	1		0	20.71	-1.15	17.41	<=38.45	Pass		
			2	20.88	-1.15	17.58	<=38.45	Pass		
			5	20.72	-1.15	17.42	<=38.45	Pass		
	3		0	20.58	-1.15	17.28	<=38.45	Pass		
			2	20.62	-1.15	17.32	<=38.45	Pass		
			3	20.62	-1.15	17.32	<=38.45	Pass		
	6		0	19.75	-1.15	16.45	<=38.45	Pass		

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.1.2 B5_3MHz_ERP

Band: 5 / Bandwidth: 3MHz / NTNV								
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Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	825.5	1	0	22.12	-1.15	18.82	<=38.45	Pass		
			7	22.19	-1.15	18.89	<=38.45	Pass		
			14	22.09	-1.15	18.79	<=38.45	Pass		
		8	0	21.04	-1.15	17.74	<=38.45	Pass		
			4	21.06	-1.15	17.76	<=38.45	Pass		
			7	21.04	-1.15	17.74	<=38.45	Pass		
		15	0	21.02	-1.15	17.72	<=38.45	Pass		
		836.5	1	0	21.91	-1.15	18.61	<=38.45	Pass	
				7	22.02	-1.15	18.72	<=38.45	Pass	
	14			21.83	-1.15	18.53	<=38.45	Pass		
	8		0	20.89	-1.15	17.59	<=38.45	Pass		
			4	20.91	-1.15	17.61	<=38.45	Pass		
			7	20.84	-1.15	17.54	<=38.45	Pass		
	15		0	20.88	-1.15	17.58	<=38.45	Pass		
	847.5		1	0	21.81	-1.15	18.51	<=38.45	Pass	
				7	21.91	-1.15	18.61	<=38.45	Pass	
		14		21.76	-1.15	18.46	<=38.45	Pass		
		8	0	20.81	-1.15	17.51	<=38.45	Pass		
			4	20.85	-1.15	17.55	<=38.45	Pass		
			7	20.77	-1.15	17.47	<=38.45	Pass		
		15	0	20.77	-1.15	17.47	<=38.45	Pass		
		16QAM	825.5	1	0	21.06	-1.15	17.76	<=38.45	Pass
					7	21.17	-1.15	17.87	<=38.45	Pass
	14				21.00	-1.15	17.70	<=38.45	Pass	
	8			0	20.11	-1.15	16.81	<=38.45	Pass	
				4	20.14	-1.15	16.84	<=38.45	Pass	
				7	20.08	-1.15	16.78	<=38.45	Pass	
15	0			20.08	-1.15	16.78	<=38.45	Pass		
836.5	1			0	21.05	-1.15	17.75	<=38.45	Pass	
				7	21.15	-1.15	17.85	<=38.45	Pass	
			14	20.99	-1.15	17.69	<=38.45	Pass		
	8		0	19.90	-1.15	16.60	<=38.45	Pass		
			4	19.95	-1.15	16.65	<=38.45	Pass		
			7	19.87	-1.15	16.57	<=38.45	Pass		
	15		0	19.87	-1.15	16.57	<=38.45	Pass		
	847.5		1	0	21.22	-1.15	17.92	<=38.45	Pass	
				7	21.33	-1.15	18.03	<=38.45	Pass	
14				21.21	-1.15	17.91	<=38.45	Pass		
8			0	19.96	-1.15	16.66	<=38.45	Pass		
			4	20.00	-1.15	16.70	<=38.45	Pass		
			7	19.96	-1.15	16.66	<=38.45	Pass		
15			0	19.87	-1.15	16.57	<=38.45	Pass		

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.1.3 B5_5MHz_ERP

Band: 5 / Bandwidth: 5MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	826.5	1	0	21.90	-1.15	18.60	<=38.45	Pass
			13	22.00	-1.15	18.70	<=38.45	Pass
			24	21.81	-1.15	18.51	<=38.45	Pass
		12	0	20.91	-1.15	17.61	<=38.45	Pass
			6	20.96	-1.15	17.66	<=38.45	Pass
			13	20.87	-1.15	17.57	<=38.45	Pass

16QAM	836.5	25	0	20.88	-1.15	17.58	<=38.45	Pass		
		1	0	21.76	-1.15	18.46	<=38.45	Pass		
			13	21.84	-1.15	18.54	<=38.45	Pass		
			24	21.67	-1.15	18.37	<=38.45	Pass		
			0	20.79	-1.15	17.49	<=38.45	Pass		
		12	6	20.84	-1.15	17.54	<=38.45	Pass		
			13	20.75	-1.15	17.45	<=38.45	Pass		
			25	0	20.78	-1.15	17.48	<=38.45	Pass	
		846.5	1	0	21.67	-1.15	18.37	<=38.45	Pass	
				13	21.74	-1.15	18.44	<=38.45	Pass	
				24	21.66	-1.15	18.36	<=38.45	Pass	
			12	0	20.75	-1.15	17.45	<=38.45	Pass	
	6			20.75	-1.15	17.45	<=38.45	Pass		
	13			20.64	-1.15	17.34	<=38.45	Pass		
	25		0	20.65	-1.15	17.35	<=38.45	Pass		
	826.5		836.5	1	0	20.94	-1.15	17.64	<=38.45	Pass
					13	21.03	-1.15	17.73	<=38.45	Pass
		24			20.88	-1.15	17.58	<=38.45	Pass	
		12		0	19.88	-1.15	16.58	<=38.45	Pass	
				6	19.94	-1.15	16.64	<=38.45	Pass	
				13	19.86	-1.15	16.56	<=38.45	Pass	
		25		0	19.92	-1.15	16.62	<=38.45	Pass	
		846.5		1	0	20.97	-1.15	17.67	<=38.45	Pass
					13	21.10	-1.15	17.80	<=38.45	Pass
24			20.93		-1.15	17.63	<=38.45	Pass		
12			0	19.85	-1.15	16.55	<=38.45	Pass		
			6	19.90	-1.15	16.60	<=38.45	Pass		
			13	19.80	-1.15	16.50	<=38.45	Pass		
25			0	19.81	-1.15	16.51	<=38.45	Pass		
836.5			1	0	20.55	-1.15	17.25	<=38.45	Pass	
				13	20.59	-1.15	17.29	<=38.45	Pass	
		24		20.47	-1.15	17.17	<=38.45	Pass		
		12	0	19.71	-1.15	16.41	<=38.45	Pass		
			6	19.77	-1.15	16.47	<=38.45	Pass		
			13	19.63	-1.15	16.33	<=38.45	Pass		
25		0	19.72	-1.15	16.42	<=38.45	Pass			

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.1.4 B5_10MHz_ERP

Band: 5 / Bandwidth: 10MHz / NTNV									
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict	
		Size	Offset			Result	Limit		
QPSK	829	1	0	21.98	-1.15	18.68	<=38.45	Pass	
			25	22.15	-1.15	18.85	<=38.45	Pass	
			49	21.83	-1.15	18.53	<=38.45	Pass	
		25	0	20.98	-1.15	17.68	<=38.45	Pass	
			13	20.95	-1.15	17.65	<=38.45	Pass	
			25	20.87	-1.15	17.57	<=38.45	Pass	
		50	0	20.92	-1.15	17.62	<=38.45	Pass	
		836.5	1	0	21.79	-1.15	18.49	<=38.45	Pass
				25	22.03	-1.15	18.73	<=38.45	Pass
				49	21.74	-1.15	18.44	<=38.45	Pass
			25	0	20.89	-1.15	17.59	<=38.45	Pass
				13	20.87	-1.15	17.57	<=38.45	Pass
	25			20.84	-1.15	17.54	<=38.45	Pass	
	50		0	20.88	-1.15	17.58	<=38.45	Pass	

16QAM	844	1	0	21.75	-1.15	18.45	<=38.45	Pass	
			25	21.96	-1.15	18.66	<=38.45	Pass	
			49	21.68	-1.15	18.38	<=38.45	Pass	
		25	0	20.85	-1.15	17.55	<=38.45	Pass	
			13	20.79	-1.15	17.49	<=38.45	Pass	
			25	20.62	-1.15	17.32	<=38.45	Pass	
		50	0	20.72	-1.15	17.42	<=38.45	Pass	
		829	1	0	20.90	-1.15	17.60	<=38.45	Pass
				25	21.11	-1.15	17.81	<=38.45	Pass
	49			20.80	-1.15	17.50	<=38.45	Pass	
	25			0	20.08	-1.15	16.78	<=38.45	Pass
				13	20.05	-1.15	16.75	<=38.45	Pass
				25	20.00	-1.15	16.70	<=38.45	Pass
	50		0	19.99	-1.15	16.69	<=38.45	Pass	
	836.5		1	0	20.92	-1.15	17.62	<=38.45	Pass
25				21.16	-1.15	17.86	<=38.45	Pass	
49				20.91	-1.15	17.61	<=38.45	Pass	
25			0	19.96	-1.15	16.66	<=38.45	Pass	
			13	19.92	-1.15	16.62	<=38.45	Pass	
			25	19.91	-1.15	16.61	<=38.45	Pass	
50			0	19.90	-1.15	16.60	<=38.45	Pass	
844			1	0	21.28	-1.15	17.98	<=38.45	Pass
				25	21.42	-1.15	18.12	<=38.45	Pass
	49			21.13	-1.15	17.83	<=38.45	Pass	
	25		0	19.91	-1.15	16.61	<=38.45	Pass	
		13	19.86	-1.15	16.56	<=38.45	Pass		
		25	19.72	-1.15	16.42	<=38.45	Pass		
	50	0	19.77	-1.15	16.47	<=38.45	Pass		
	Note1: ERP=Conducted Power+Antenna Gain-2.15								

2. Frequency Stability

2.1 Test Result

2.1.1 B5_1.4MHz

Band: 5 / Bandwidth: 1.4MHz										
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict	
		Size	Offset				Result	Limit		
QPSK	824.7	6	0	20	3.27	-10.271	-0.0125	-2.5 to 2.5	Pass	
					3.85	-3.891	-0.0047	-2.5 to 2.5	Pass	
					4.43	-7.324	-0.0089	-2.5 to 2.5	Pass	
				-30	3.85	-3.219	-0.0039	-2.5 to 2.5	Pass	
					-20	3.85	-6.509	-0.0079	-2.5 to 2.5	Pass
					-10	3.85	-2.618	-0.0032	-2.5 to 2.5	Pass
				0	0	3.85	-4.292	-0.0052	-2.5 to 2.5	Pass
					10	3.85	-7.367	-0.0089	-2.5 to 2.5	Pass
					30	3.85	-3.347	-0.0041	-2.5 to 2.5	Pass
				50	40	3.85	-5.279	-0.0064	-2.5 to 2.5	Pass
					50	3.85	-9.069	-0.0110	-2.5 to 2.5	Pass
					836.5	6	0	20	3.27	-11.129
	3.85	-9.370	-0.0112	-2.5 to 2.5					Pass	
	4.43	-5.164	-0.0062	-2.5 to 2.5					Pass	
	-30	3.85	-3.262	-0.0039				-2.5 to 2.5	Pass	
		-20	3.85	-5.350				-0.0064	-2.5 to 2.5	Pass
		-10	3.85	-12.503				-0.0149	-2.5 to 2.5	Pass

				0	3.85	-6.752	-0.0081	-2.5 to 2.5	Pass				
				10	3.85	-6.208	-0.0074	-2.5 to 2.5	Pass				
				30	3.85	-9.356	-0.0112	-2.5 to 2.5	Pass				
				40	3.85	-3.419	-0.0041	-2.5 to 2.5	Pass				
				50	3.85	-6.237	-0.0075	-2.5 to 2.5	Pass				
	848.3	6	0	20	3.27	-2.389	-0.0028	-2.5 to 2.5	Pass				
					3.85	-6.537	-0.0077	-2.5 to 2.5	Pass				
					4.43	-5.679	-0.0067	-2.5 to 2.5	Pass				
				-30	3.85	-6.065	-0.0071	-2.5 to 2.5	Pass				
				-20	3.85	-10.085	-0.0119	-2.5 to 2.5	Pass				
				-10	3.85	-3.605	-0.0042	-2.5 to 2.5	Pass				
				0	3.85	-10.371	-0.0122	-2.5 to 2.5	Pass				
				10	3.85	-2.475	-0.0029	-2.5 to 2.5	Pass				
				30	3.85	-2.217	-0.0026	-2.5 to 2.5	Pass				
				40	3.85	-7.238	-0.0085	-2.5 to 2.5	Pass				
				50	3.85	-5.350	-0.0063	-2.5 to 2.5	Pass				
				16QAM	824.7	6	0	20	3.27	-5.536	-0.0067	-2.5 to 2.5	Pass
									3.85	-2.675	-0.0032	-2.5 to 2.5	Pass
									4.43	-6.895	-0.0084	-2.5 to 2.5	Pass
-30	3.85	-2.174	-0.0026					-2.5 to 2.5	Pass				
-20	3.85	-4.134	-0.0050					-2.5 to 2.5	Pass				
-10	3.85	-6.537	-0.0079					-2.5 to 2.5	Pass				
0	3.85	-5.965	-0.0072					-2.5 to 2.5	Pass				
10	3.85	-4.020	-0.0049					-2.5 to 2.5	Pass				
30	3.85	-3.419	-0.0041					-2.5 to 2.5	Pass				
40	3.85	-6.280	-0.0076					-2.5 to 2.5	Pass				
50	3.85	-6.323	-0.0077					-2.5 to 2.5	Pass				
836.5	6	0	20					3.27	-8.640	-0.0103	-2.5 to 2.5	Pass	
								3.85	-9.942	-0.0119	-2.5 to 2.5	Pass	
								4.43	-4.964	-0.0059	-2.5 to 2.5	Pass	
			-30		3.85	-4.306	-0.0051	-2.5 to 2.5	Pass				
			-20		3.85	-8.612	-0.0103	-2.5 to 2.5	Pass				
			-10		3.85	1.931	0.0023	-2.5 to 2.5	Pass				
			0		3.85	-8.669	-0.0104	-2.5 to 2.5	Pass				
			10		3.85	-5.178	-0.0062	-2.5 to 2.5	Pass				
			30		3.85	-5.779	-0.0069	-2.5 to 2.5	Pass				
			40		3.85	-8.655	-0.0103	-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	-4.249	-0.0050	-2.5 to 2.5	Pass	
								3.85	-2.775	-0.0033	-2.5 to 2.5	Pass	
								4.43	-9.141	-0.0108	-2.5 to 2.5	Pass	
							-30	3.85	-10.414	-0.0123	-2.5 to 2.5	Pass	
-20	3.85	-7.582					-0.0089	-2.5 to 2.5	Pass				
-10	3.85	-13.375					-0.0158	-2.5 to 2.5	Pass				
0	3.85	-14.491					-0.0171	-2.5 to 2.5	Pass				
10	3.85	-9.084		-0.0107			-2.5 to 2.5	Pass					
30	3.85	-2.031		-0.0024			-2.5 to 2.5	Pass					
40	3.85	-5.493		-0.0065			-2.5 to 2.5	Pass					
50	3.85	-5.879		-0.0069			-2.5 to 2.5	Pass					

2.1.2 B5_3MHz

Band: 5 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	825.5	15	0	20	3.27	-6.909	-0.0084	-2.5 to 2.5	Pass
					3.85	-4.764	-0.0058	-2.5 to 2.5	Pass

					4.43	-6.495	-0.0079	-2.5 to 2.5	Pass
				-30	3.85	-3.791	-0.0046	-2.5 to 2.5	Pass
				-20	3.85	-6.366	-0.0077	-2.5 to 2.5	Pass
				-10	3.85	-6.423	-0.0078	-2.5 to 2.5	Pass
				0	3.85	-0.744	-0.0009	-2.5 to 2.5	Pass
				10	3.85	-5.250	-0.0064	-2.5 to 2.5	Pass
				30	3.85	-5.207	-0.0063	-2.5 to 2.5	Pass
				40	3.85	-5.465	-0.0066	-2.5 to 2.5	Pass
	50	3.85	-7.038	-0.0085	-2.5 to 2.5	Pass			
	836.5	15	0	20	3.27	-8.526	-0.0102	-2.5 to 2.5	Pass
					3.85	-7.739	-0.0093	-2.5 to 2.5	Pass
					4.43	-6.223	-0.0074	-2.5 to 2.5	Pass
				-30	3.85	-10.514	-0.0126	-2.5 to 2.5	Pass
				-20	3.85	-7.753	-0.0093	-2.5 to 2.5	Pass
				-10	3.85	-6.065	-0.0073	-2.5 to 2.5	Pass
				0	3.85	-5.608	-0.0067	-2.5 to 2.5	Pass
				10	3.85	-6.881	-0.0082	-2.5 to 2.5	Pass
	30	3.85	-3.190	-0.0038	-2.5 to 2.5	Pass			
	40	3.85	-6.838	-0.0082	-2.5 to 2.5	Pass			
	50	3.85	-14.992	-0.0179	-2.5 to 2.5	Pass			
	847.5	15	0	20	3.27	-1.945	-0.0023	-2.5 to 2.5	Pass
					3.85	-7.524	-0.0089	-2.5 to 2.5	Pass
					4.43	-0.844	-0.0010	-2.5 to 2.5	Pass
				-30	3.85	-4.821	-0.0057	-2.5 to 2.5	Pass
				-20	3.85	-4.807	-0.0057	-2.5 to 2.5	Pass
				-10	3.85	-8.712	-0.0103	-2.5 to 2.5	Pass
				0	3.85	-11.144	-0.0131	-2.5 to 2.5	Pass
				10	3.85	-4.449	-0.0052	-2.5 to 2.5	Pass
30	3.85	-1.173	-0.0014	-2.5 to 2.5	Pass				
40	3.85	-2.990	-0.0035	-2.5 to 2.5	Pass				
50	3.85	-5.207	-0.0061	-2.5 to 2.5	Pass				
16QAM	825.5	15	0	20	3.27	-3.819	-0.0046	-2.5 to 2.5	Pass
					3.85	-4.334	-0.0053	-2.5 to 2.5	Pass
					4.43	-8.025	-0.0097	-2.5 to 2.5	Pass
				-30	3.85	-2.375	-0.0029	-2.5 to 2.5	Pass
				-20	3.85	-2.804	-0.0034	-2.5 to 2.5	Pass
				-10	3.85	-7.052	-0.0085	-2.5 to 2.5	Pass
				0	3.85	-5.507	-0.0067	-2.5 to 2.5	Pass
				10	3.85	-6.695	-0.0081	-2.5 to 2.5	Pass
	30	3.85	-3.591	-0.0044	-2.5 to 2.5	Pass			
	40	3.85	-2.432	-0.0029	-2.5 to 2.5	Pass			
	50	3.85	-6.337	-0.0077	-2.5 to 2.5	Pass			
	836.5	15	0	20	3.27	-1.516	-0.0018	-2.5 to 2.5	Pass
					3.85	-9.255	-0.0111	-2.5 to 2.5	Pass
					4.43	-7.925	-0.0095	-2.5 to 2.5	Pass
				-30	3.85	-8.540	-0.0102	-2.5 to 2.5	Pass
				-20	3.85	-9.212	-0.0110	-2.5 to 2.5	Pass
				-10	3.85	-2.689	-0.0032	-2.5 to 2.5	Pass
				0	3.85	-4.492	-0.0054	-2.5 to 2.5	Pass
				10	3.85	-3.920	-0.0047	-2.5 to 2.5	Pass
	30	3.85	-4.206	-0.0050	-2.5 to 2.5	Pass			
	40	3.85	-2.003	-0.0024	-2.5 to 2.5	Pass			
	50	3.85	-5.693	-0.0068	-2.5 to 2.5	Pass			
	847.5	15	0	20	3.27	-5.007	-0.0059	-2.5 to 2.5	Pass
					3.85	-4.478	-0.0053	-2.5 to 2.5	Pass
					4.43	-10.400	-0.0123	-2.5 to 2.5	Pass
				-30	3.85	-4.721	-0.0056	-2.5 to 2.5	Pass
				-20	3.85	-4.520	-0.0053	-2.5 to 2.5	Pass
	-10	3.85	-12.646	-0.0149	-2.5 to 2.5	Pass			

				0	3.85	0.315	0.0004	-2.5 to 2.5	Pass
				10	3.85	-7.753	-0.0091	-2.5 to 2.5	Pass
				30	3.85	-10.300	-0.0122	-2.5 to 2.5	Pass
				40	3.85	-4.749	-0.0056	-2.5 to 2.5	Pass
				50	3.85	-3.133	-0.0037	-2.5 to 2.5	Pass

2.1.3 B5_5MHz

Band: 5 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	826.5	25	0	20	3.27	-8.268	-0.0100	-2.5 to 2.5	Pass
					3.85	-6.037	-0.0073	-2.5 to 2.5	Pass
					4.43	-3.805	-0.0046	-2.5 to 2.5	Pass
				-30	3.85	-5.894	-0.0071	-2.5 to 2.5	Pass
				-20	3.85	-7.367	-0.0089	-2.5 to 2.5	Pass
				-10	3.85	-6.824	-0.0083	-2.5 to 2.5	Pass
				0	3.85	-8.755	-0.0106	-2.5 to 2.5	Pass
				10	3.85	-6.623	-0.0080	-2.5 to 2.5	Pass
				30	3.85	-6.008	-0.0073	-2.5 to 2.5	Pass
				40	3.85	-4.978	-0.0060	-2.5 to 2.5	Pass
	50	3.85	-3.562	-0.0043	-2.5 to 2.5	Pass			
	836.5	25	0	20	3.27	-9.055	-0.0108	-2.5 to 2.5	Pass
					3.85	-4.392	-0.0053	-2.5 to 2.5	Pass
					4.43	-5.665	-0.0068	-2.5 to 2.5	Pass
				-30	3.85	-6.595	-0.0079	-2.5 to 2.5	Pass
				-20	3.85	-3.347	-0.0040	-2.5 to 2.5	Pass
				-10	3.85	-7.539	-0.0090	-2.5 to 2.5	Pass
				0	3.85	-7.639	-0.0091	-2.5 to 2.5	Pass
				10	3.85	-9.727	-0.0116	-2.5 to 2.5	Pass
				30	3.85	-6.094	-0.0073	-2.5 to 2.5	Pass
				40	3.85	-7.911	-0.0095	-2.5 to 2.5	Pass
	50	3.85	-8.454	-0.0101	-2.5 to 2.5	Pass			
	846.5	25	0	20	3.27	-2.403	-0.0028	-2.5 to 2.5	Pass
					3.85	-9.713	-0.0115	-2.5 to 2.5	Pass
					4.43	-7.524	-0.0089	-2.5 to 2.5	Pass
				-30	3.85	-5.836	-0.0069	-2.5 to 2.5	Pass
				-20	3.85	-4.635	-0.0055	-2.5 to 2.5	Pass
				-10	3.85	-7.639	-0.0090	-2.5 to 2.5	Pass
				0	3.85	-7.238	-0.0086	-2.5 to 2.5	Pass
				10	3.85	-9.656	-0.0114	-2.5 to 2.5	Pass
30				3.85	-8.941	-0.0106	-2.5 to 2.5	Pass	
40				3.85	-9.556	-0.0113	-2.5 to 2.5	Pass	
50	3.85	-5.665	-0.0067	-2.5 to 2.5	Pass				
16QAM	826.5	25	0	20	3.27	-7.353	-0.0089	-2.5 to 2.5	Pass
					3.85	-6.180	-0.0075	-2.5 to 2.5	Pass
					4.43	-1.774	-0.0021	-2.5 to 2.5	Pass
				-30	3.85	-6.423	-0.0078	-2.5 to 2.5	Pass
				-20	3.85	-4.492	-0.0054	-2.5 to 2.5	Pass
				-10	3.85	-4.249	-0.0051	-2.5 to 2.5	Pass
				0	3.85	-5.150	-0.0062	-2.5 to 2.5	Pass
				10	3.85	-9.084	-0.0110	-2.5 to 2.5	Pass
				30	3.85	-8.011	-0.0097	-2.5 to 2.5	Pass
				40	3.85	-6.380	-0.0077	-2.5 to 2.5	Pass
	50	3.85	-3.633	-0.0044	-2.5 to 2.5	Pass			
	836.5	25	0	20	3.27	-4.206	-0.0050	-2.5 to 2.5	Pass
					3.85	-10.428	-0.0125	-2.5 to 2.5	Pass

					4.43	-6.752	-0.0081	-2.5 to 2.5	Pass	
				-30	3.85	-7.768	-0.0093	-2.5 to 2.5	Pass	
				-20	3.85	-3.233	-0.0039	-2.5 to 2.5	Pass	
				-10	3.85	-9.098	-0.0109	-2.5 to 2.5	Pass	
				0	3.85	-8.969	-0.0107	-2.5 to 2.5	Pass	
				10	3.85	-7.367	-0.0088	-2.5 to 2.5	Pass	
				30	3.85	-6.309	-0.0075	-2.5 to 2.5	Pass	
				40	3.85	-13.819	-0.0165	-2.5 to 2.5	Pass	
	50	3.85	-8.011	-0.0096	-2.5 to 2.5	Pass				
	846.5	25	0	20		3.27	-5.608	-0.0066	-2.5 to 2.5	Pass
						3.85	-3.319	-0.0039	-2.5 to 2.5	Pass
						4.43	-0.458	-0.0005	-2.5 to 2.5	Pass
					-30	3.85	0.100	0.0001	-2.5 to 2.5	Pass
					-20	3.85	-6.065	-0.0072	-2.5 to 2.5	Pass
					-10	3.85	-9.613	-0.0114	-2.5 to 2.5	Pass
					0	3.85	-6.680	-0.0079	-2.5 to 2.5	Pass
					10	3.85	-6.351	-0.0075	-2.5 to 2.5	Pass
				30	3.85	-8.554	-0.0101	-2.5 to 2.5	Pass	
	40	3.85	-3.977	-0.0047	-2.5 to 2.5	Pass				
	50	3.85	-8.998	-0.0106	-2.5 to 2.5	Pass				

2.1.4 B5_10MHz

Band: 5 / Bandwidth: 10MHz											
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict		
		Size	Offset				Result	Limit			
QPSK	829	50	0	20		3.27	-6.509	-0.0079	-2.5 to 2.5	Pass	
						3.85	-6.638	-0.0080	-2.5 to 2.5	Pass	
						4.43	-6.022	-0.0073	-2.5 to 2.5	Pass	
					-30	3.85	-6.151	-0.0074	-2.5 to 2.5	Pass	
					-20	3.85	-7.124	-0.0086	-2.5 to 2.5	Pass	
					-10	3.85	-5.450	-0.0066	-2.5 to 2.5	Pass	
					0	3.85	-10.943	-0.0132	-2.5 to 2.5	Pass	
					10	3.85	-8.340	-0.0101	-2.5 to 2.5	Pass	
					30	3.85	-7.796	-0.0094	-2.5 to 2.5	Pass	
		40	3.85	-8.655	-0.0104	-2.5 to 2.5	Pass				
		50	3.85	-3.490	-0.0042	-2.5 to 2.5	Pass				
		836.5	50	0	20		3.27	-6.094	-0.0073	-2.5 to 2.5	Pass
						3.85	-9.871	-0.0118	-2.5 to 2.5	Pass	
						4.43	-3.662	-0.0044	-2.5 to 2.5	Pass	
					-30	3.85	-3.777	-0.0045	-2.5 to 2.5	Pass	
					-20	3.85	-6.323	-0.0076	-2.5 to 2.5	Pass	
					-10	3.85	-5.393	-0.0064	-2.5 to 2.5	Pass	
					0	3.85	-4.406	-0.0053	-2.5 to 2.5	Pass	
					10	3.85	-8.469	-0.0101	-2.5 to 2.5	Pass	
					30	3.85	-8.111	-0.0097	-2.5 to 2.5	Pass	
		40	3.85	-8.025	-0.0096	-2.5 to 2.5	Pass				
		50	3.85	-6.723	-0.0080	-2.5 to 2.5	Pass				
		844	50	0	20		3.27	-5.078	-0.0060	-2.5 to 2.5	Pass
						3.85	-9.842	-0.0117	-2.5 to 2.5	Pass	
						4.43	-4.563	-0.0054	-2.5 to 2.5	Pass	
					-30	3.85	-9.756	-0.0116	-2.5 to 2.5	Pass	
					-20	3.85	-7.038	-0.0083	-2.5 to 2.5	Pass	
	-10				3.85	-6.938	-0.0082	-2.5 to 2.5	Pass		
	0				3.85	-2.646	-0.0031	-2.5 to 2.5	Pass		
	10	3.85	-4.706	-0.0056	-2.5 to 2.5	Pass					
	30	3.85	-4.549	-0.0054	-2.5 to 2.5	Pass					

				40	3.85	-6.781	-0.0080	-2.5 to 2.5	Pass
				50	3.85	-8.211	-0.0097	-2.5 to 2.5	Pass
16QAM	829	50	0	20	3.27	-8.655	-0.0104	-2.5 to 2.5	Pass
					3.85	-10.157	-0.0123	-2.5 to 2.5	Pass
					4.43	-4.792	-0.0058	-2.5 to 2.5	Pass
					3.85	-3.362	-0.0041	-2.5 to 2.5	Pass
				-30	3.85	-3.362	-0.0041	-2.5 to 2.5	Pass
				-20	3.85	-8.011	-0.0097	-2.5 to 2.5	Pass
				-10	3.85	-6.065	-0.0073	-2.5 to 2.5	Pass
				0	3.85	-6.666	-0.0080	-2.5 to 2.5	Pass
				10	3.85	-9.198	-0.0111	-2.5 to 2.5	Pass
				30	3.85	-10.042	-0.0121	-2.5 to 2.5	Pass
				40	3.85	-4.320	-0.0052	-2.5 to 2.5	Pass
				50	3.85	-6.895	-0.0083	-2.5 to 2.5	Pass
	836.5	50	0	20	3.27	-3.319	-0.0040	-2.5 to 2.5	Pass
					3.85	-8.254	-0.0099	-2.5 to 2.5	Pass
					4.43	-3.605	-0.0043	-2.5 to 2.5	Pass
					3.85	-7.339	-0.0088	-2.5 to 2.5	Pass
				-30	3.85	-7.339	-0.0088	-2.5 to 2.5	Pass
				-20	3.85	-5.479	-0.0065	-2.5 to 2.5	Pass
				-10	3.85	-5.980	-0.0071	-2.5 to 2.5	Pass
				0	3.85	-4.649	-0.0056	-2.5 to 2.5	Pass
				10	3.85	-6.523	-0.0078	-2.5 to 2.5	Pass
				30	3.85	-1.230	-0.0015	-2.5 to 2.5	Pass
				40	3.85	-5.307	-0.0063	-2.5 to 2.5	Pass
				50	3.85	-5.608	-0.0067	-2.5 to 2.5	Pass
	844	50	0	20	3.27	-7.825	-0.0093	-2.5 to 2.5	Pass
					3.85	-6.952	-0.0082	-2.5 to 2.5	Pass
					4.43	-5.050	-0.0060	-2.5 to 2.5	Pass
					3.85	-5.622	-0.0067	-2.5 to 2.5	Pass
				-30	3.85	-5.622	-0.0067	-2.5 to 2.5	Pass
				-20	3.85	-7.067	-0.0084	-2.5 to 2.5	Pass
-10				3.85	-8.497	-0.0101	-2.5 to 2.5	Pass	
0				3.85	-7.668	-0.0091	-2.5 to 2.5	Pass	
10				3.85	-9.441	-0.0112	-2.5 to 2.5	Pass	
30				3.85	-4.692	-0.0056	-2.5 to 2.5	Pass	
40				3.85	-7.567	-0.0090	-2.5 to 2.5	Pass	
50				3.85	-7.424	-0.0088	-2.5 to 2.5	Pass	

3. Modulation Characteristics

3.1 Test Result

3.1.1 B5_1.4MHz

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 B5_3MHz

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

3.1.3 B5_5MHz

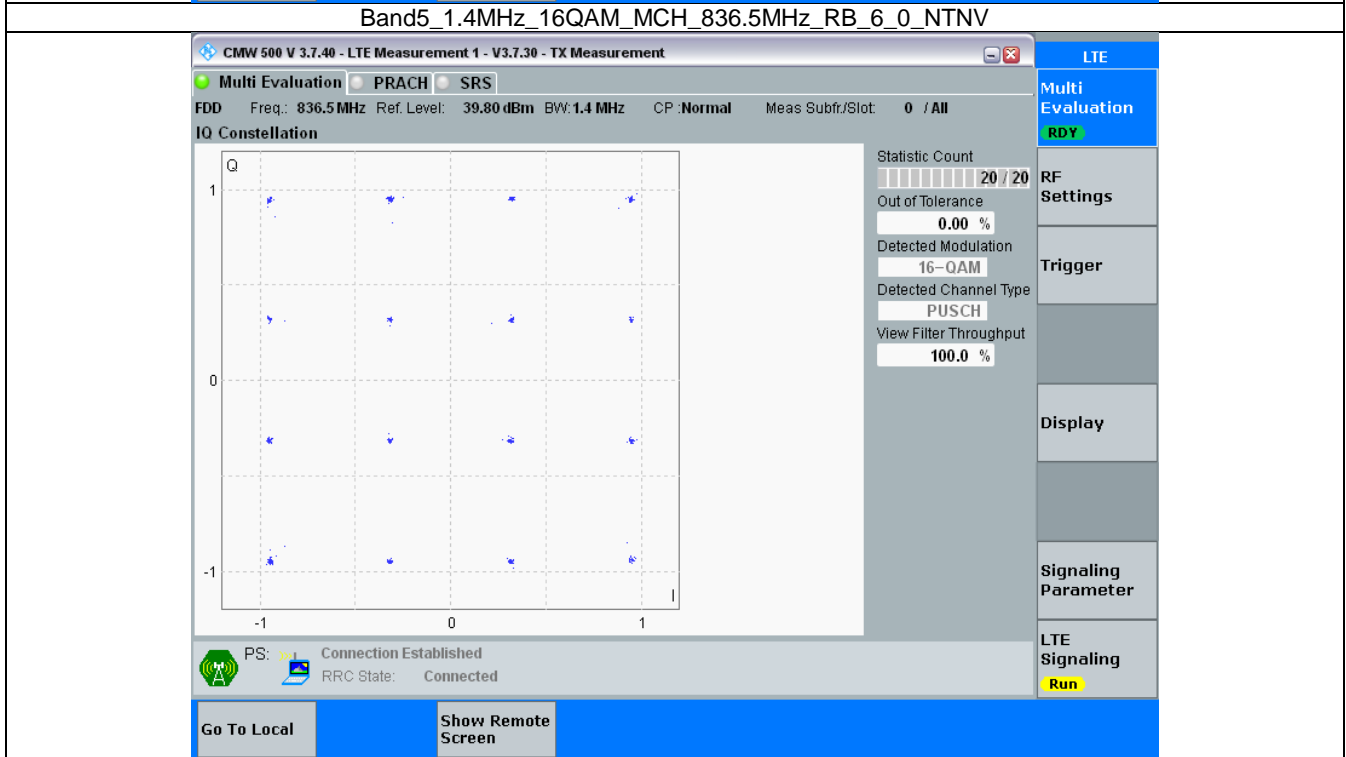
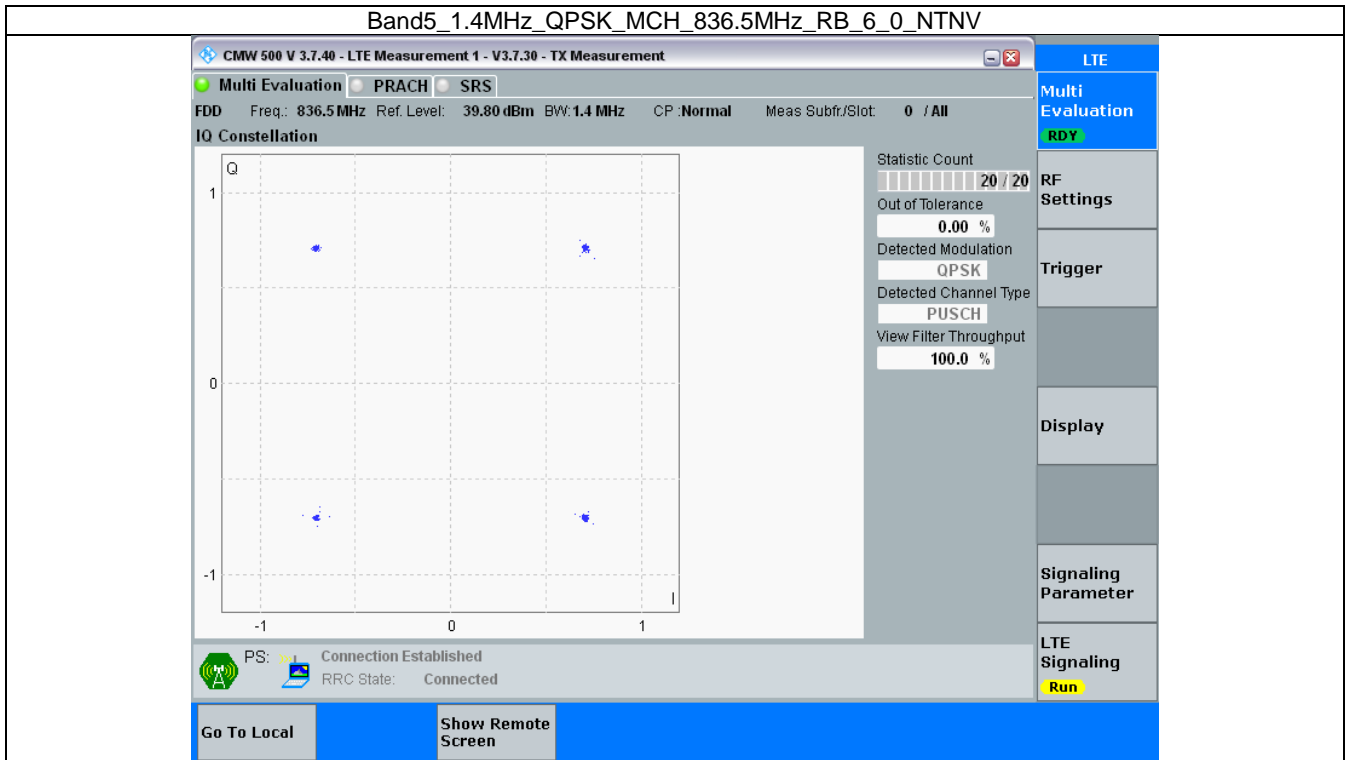
Band: 5 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	25	0	Refer To Test Graph		Pass
16QAM	836.5	25	0	Refer To Test Graph		Pass

3.1.4 B5_10MHz

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

3.2 Test Graph

3.2.1 B5_1.4MHz



3.2.2 B5_3MHz

Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV

CMW 500 V 3.7.40 - LTE Measurement 1 - V3.7.30 - TX Measurement

Multi Evaluation PRACH SRS

FDD Freq.: 836.5 MHz Ref. Level: 39.90 dBm BW: 3.0 MHz CP: Normal Meas Subfr./Slot: 0 / All

IQ Constellation

Statistic Count: 20 / 20
 Out of Tolerance: 0.00 %
 Detected Modulation: QPSK
 Detected Channel Type: PUSCH
 View Filter Throughput: 100.0 %

PS: Connection Established
 RRC State: Connected

Go To Local Show Remote Screen

LTE
Multi Evaluation RDY
RF Settings
Trigger
Display
Signaling Parameter
LTE Signaling Run

Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV

CMW 500 V 3.7.40 - LTE Measurement 1 - V3.7.30 - TX Measurement

Multi Evaluation PRACH SRS

FDD Freq.: 836.5 MHz Ref. Level: 39.90 dBm BW: 3.0 MHz CP: Normal Meas Subfr./Slot: 0 / All

IQ Constellation

Statistic Count: 20 / 20
 Out of Tolerance: 0.00 %
 Detected Modulation: 16-QAM
 Detected Channel Type: PUSCH
 View Filter Throughput: 100.0 %

PS: Connection Established
 RRC State: Connected

Go To Local Show Remote Screen

LTE
Multi Evaluation RDY
RF Settings
Trigger
Display
Signaling Parameter
LTE Signaling Run

3.2.3 B5_5MHz

Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV

CMW 500 V 3.7.40 - LTE Measurement 1 - V3.7.30 - TX Measurement

Multi Evaluation PRACH SRS

FDD Freq.: 836.5 MHz Ref. Level: 39.70 dBm BW: 5.0 MHz CP: Normal Meas Subfr./Slot: 0 / All

IQ Constellation

Statistic Count: 20 / 20

Out of Tolerance: 0.00 %

Detected Modulation: QPSK

Detected Channel Type: PUSCH

View Filter Throughput: 100.0 %

PS: Connection Established RRC State: Connected

Go To Local Show Remote Screen

LTE Multi Evaluation RDY RF Settings Trigger Display Signaling Parameter LTE Signaling Run

Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV

CMW 500 V 3.7.40 - LTE Measurement 1 - V3.7.30 - TX Measurement

Multi Evaluation PRACH SRS

FDD Freq.: 836.5 MHz Ref. Level: 39.70 dBm BW: 5.0 MHz CP: Normal Meas Subfr./Slot: 0 / All

IQ Constellation

Statistic Count: 20 / 20

Out of Tolerance: 0.00 %

Detected Modulation: 16-QAM

Detected Channel Type: PUSCH

View Filter Throughput: 100.0 %

PS: Connection Established RRC State: Connected

Go To Local Show Remote Screen

LTE Multi Evaluation RDY RF Settings Trigger Display Signaling Parameter LTE Signaling Run

3.2.4 B5_10MHz

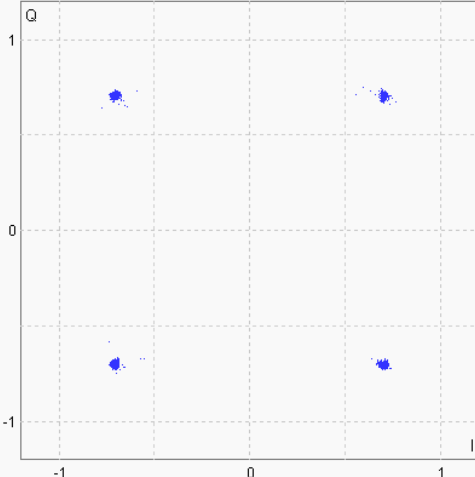
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV

CMW 500 V 3.7.40 - LTE Measurement 1 - V3.7.30 - TX Measurement

Multi Evaluation PRACH SRS

FDD Freq.: 836.5 MHz Ref. Level: 39.90 dBm BW: 10.0 MHz CP: Normal Meas Subfr./Slot: 0 / All

IQ Constellation



Statistic Count: 20 / 20
 Out of Tolerance: 0.00 %
 Detected Modulation: QPSK
 Detected Channel Type: PUSCH
 View Filter Throughput: 100.0 %

PS: Connection Established
 RRC State: Connected

Go To Local Show Remote Screen

LTE

Multi Evaluation
RDY

RF Settings

Trigger

Display

Signaling Parameter

LTE Signaling
Run

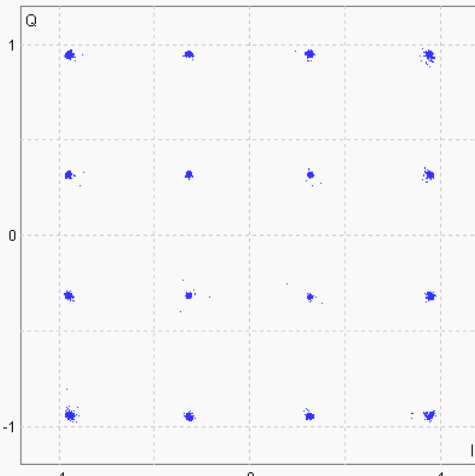
Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV

CMW 500 V 3.7.40 - LTE Measurement 1 - V3.7.30 - TX Measurement

Multi Evaluation PRACH SRS

FDD Freq.: 836.5 MHz Ref. Level: 39.90 dBm BW: 10.0 MHz CP: Normal Meas Subfr./Slot: 0 / All

IQ Constellation



Statistic Count: 20 / 20
 Out of Tolerance: 0.00 %
 Detected Modulation: 16-QAM
 Detected Channel Type: PUSCH
 View Filter Throughput: 100.0 %

PS: Connection Established
 RRC State: Connected

Go To Local Show Remote Screen

LTE

Multi Evaluation
RDY

RF Settings

Trigger

Display

Signaling Parameter

LTE Signaling
Run

4. 99% & 26dB Bandwidth

4.1 Test Result

4.1.1 Band5_OBW

Band: 5 / NTN							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	824.7	6	0	1.117	/	Pass
		836.5	6	0	1.108	/	Pass
		848.3	6	0	1.109	/	Pass
	16QAM	824.7	6	0	1.100	/	Pass
		836.5	6	0	1.113	/	Pass
		848.3	6	0	1.105	/	Pass
3	QPSK	825.5	15	0	2.730	/	Pass
		836.5	15	0	2.720	/	Pass
		847.5	15	0	2.728	/	Pass
	16QAM	825.5	15	0	2.713	/	Pass
		836.5	15	0	2.719	/	Pass
		847.5	15	0	2.721	/	Pass
5	QPSK	826.5	25	0	4.540	/	Pass
		836.5	25	0	4.541	/	Pass
		846.5	25	0	4.548	/	Pass
	16QAM	826.5	25	0	4.542	/	Pass
		836.5	25	0	4.550	/	Pass
		846.5	25	0	4.518	/	Pass
10	QPSK	829	50	0	9.070	/	Pass
		836.5	50	0	9.038	/	Pass
		844	50	0	9.043	/	Pass
	16QAM	829	50	0	9.054	/	Pass
		836.5	50	0	9.063	/	Pass
		844	50	0	9.031	/	Pass

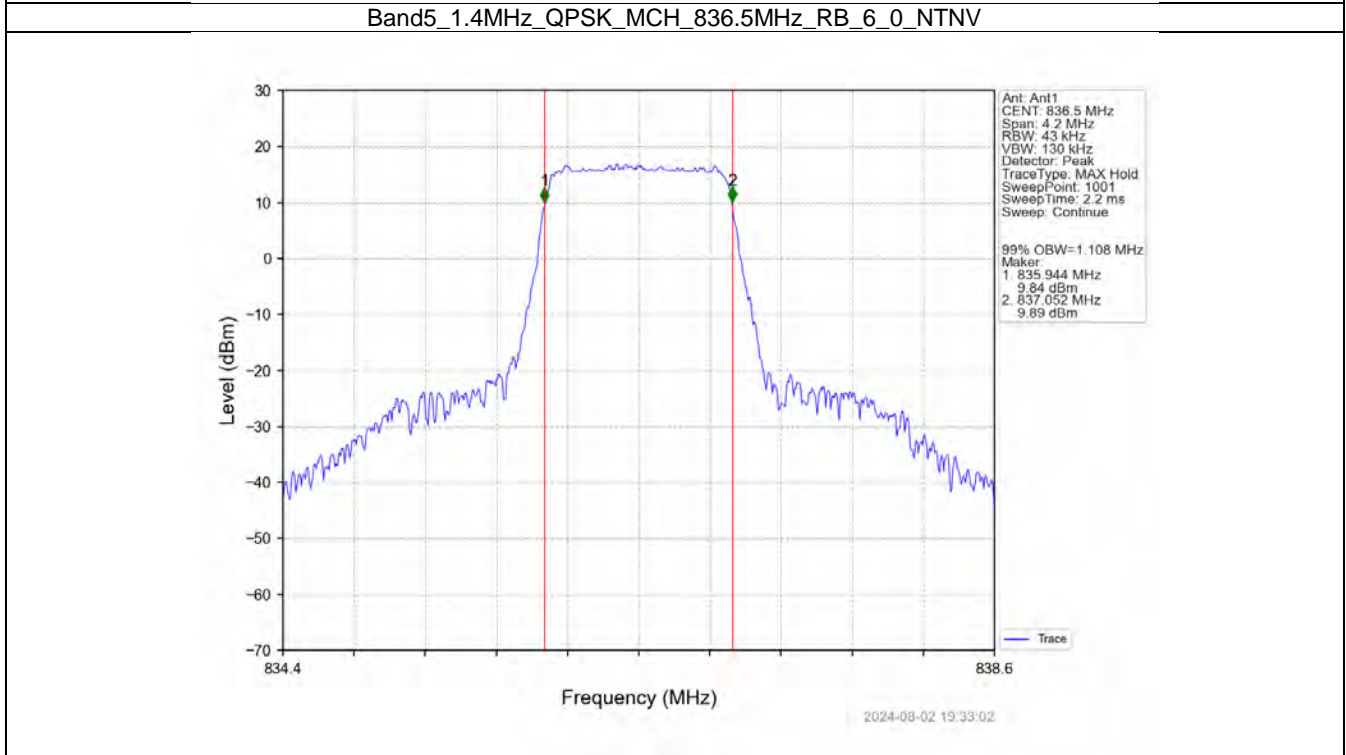
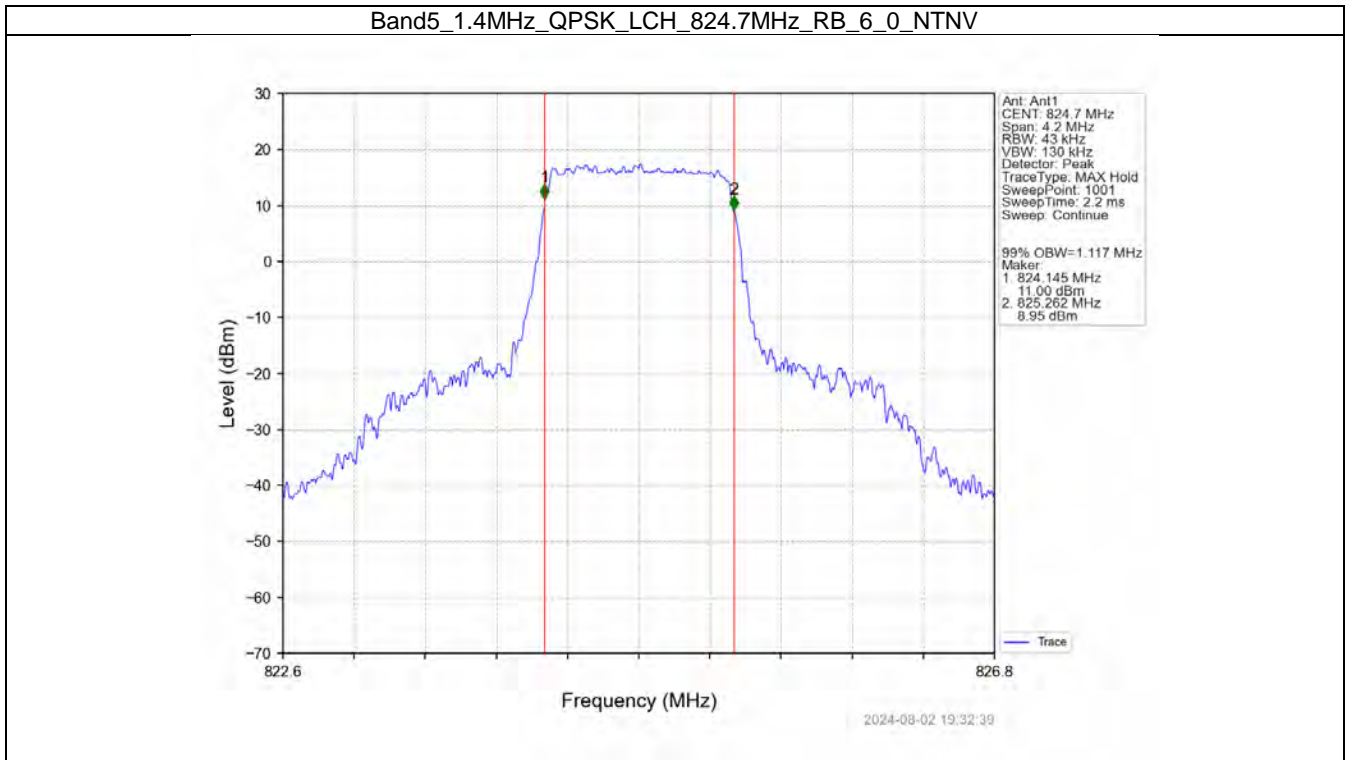
4.1.2 Band5_XDB

Band: 5 / NTN							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	824.7	6	0	1.311	/	Pass
		836.5	6	0	1.327	/	Pass
		848.3	6	0	1.322	/	Pass
	16QAM	824.7	6	0	1.298	/	Pass
		836.5	6	0	1.315	/	Pass
		848.3	6	0	1.330	/	Pass
3	QPSK	825.5	15	0	2.995	/	Pass
		836.5	15	0	2.986	/	Pass
		847.5	15	0	2.979	/	Pass
	16QAM	825.5	15	0	3.009	/	Pass
		836.5	15	0	3.000	/	Pass
		847.5	15	0	3.002	/	Pass
5	QPSK	826.5	25	0	5.054	/	Pass
		836.5	25	0	5.026	/	Pass
		846.5	25	0	4.997	/	Pass

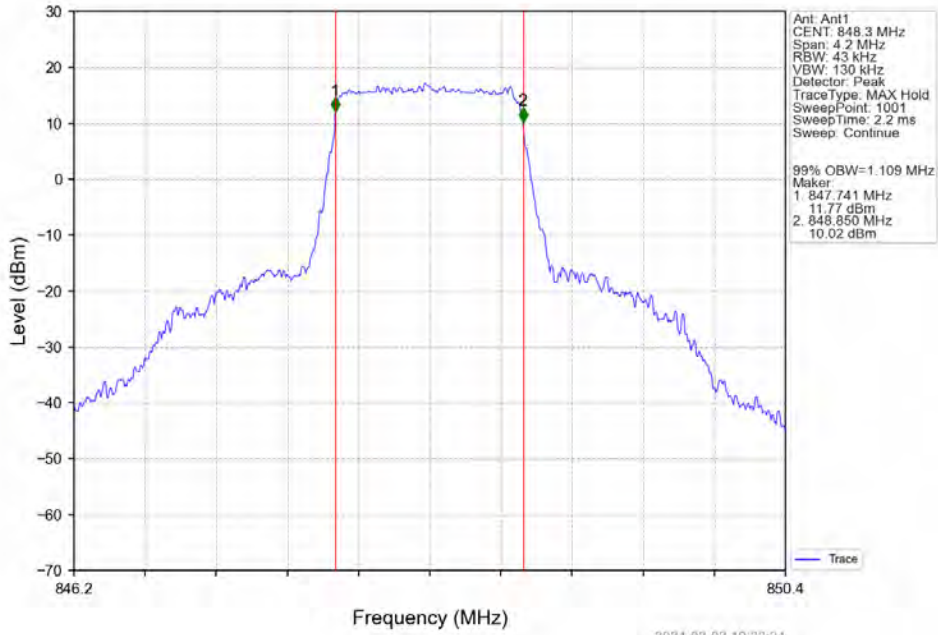
	16QAM	826.5	25	0	5.029	/	Pass
		836.5	25	0	5.021	/	Pass
		846.5	25	0	4.972	/	Pass
10	QPSK	829	50	0	9.950	/	Pass
		836.5	50	0	9.942	/	Pass
		844	50	0	10.063	/	Pass
	16QAM	829	50	0	9.988	/	Pass
		836.5	50	0	9.874	/	Pass
		844	50	0	9.853	/	Pass

4.2 Test Graph

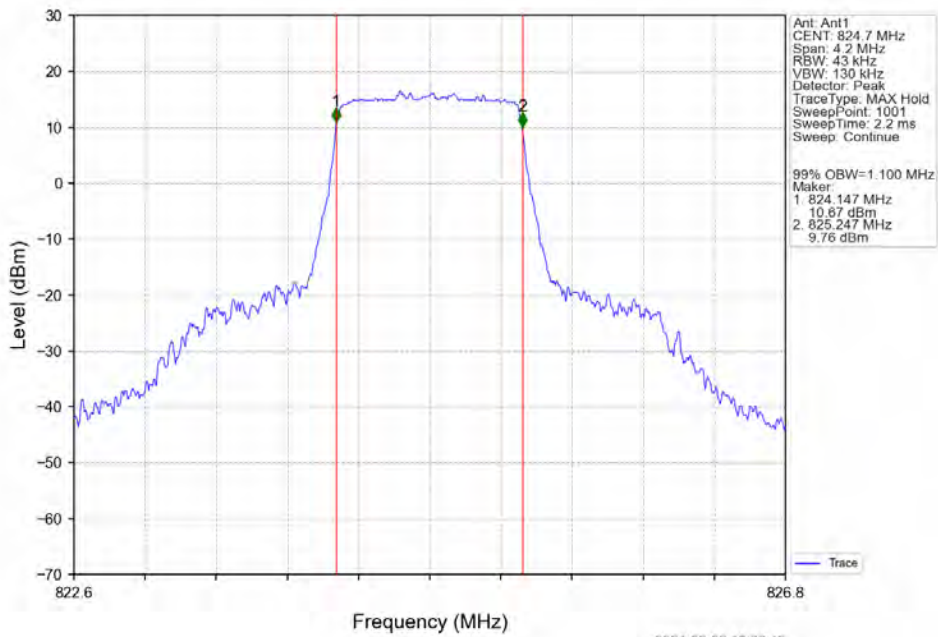
4.2.1 Band5_OBW



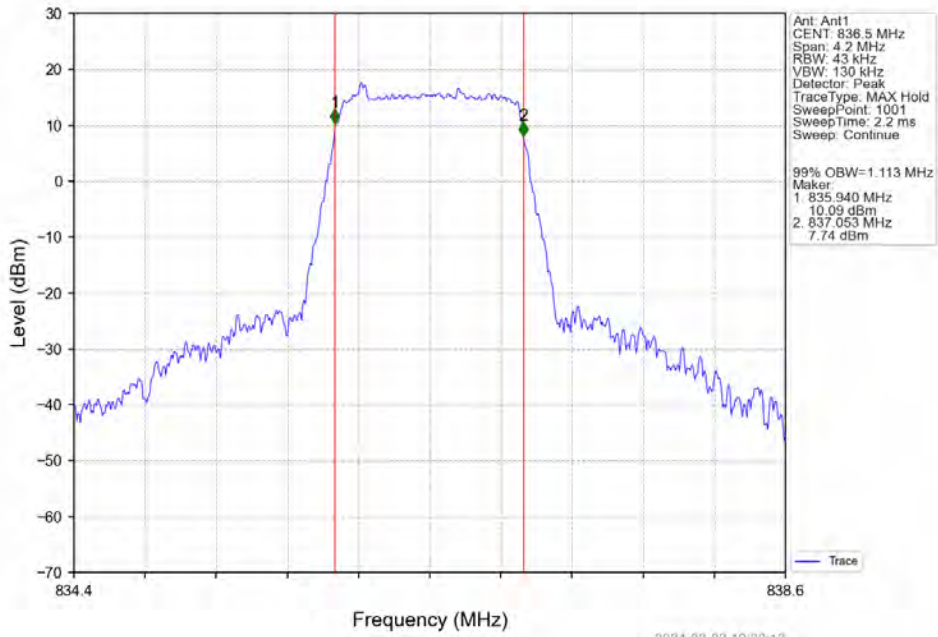
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



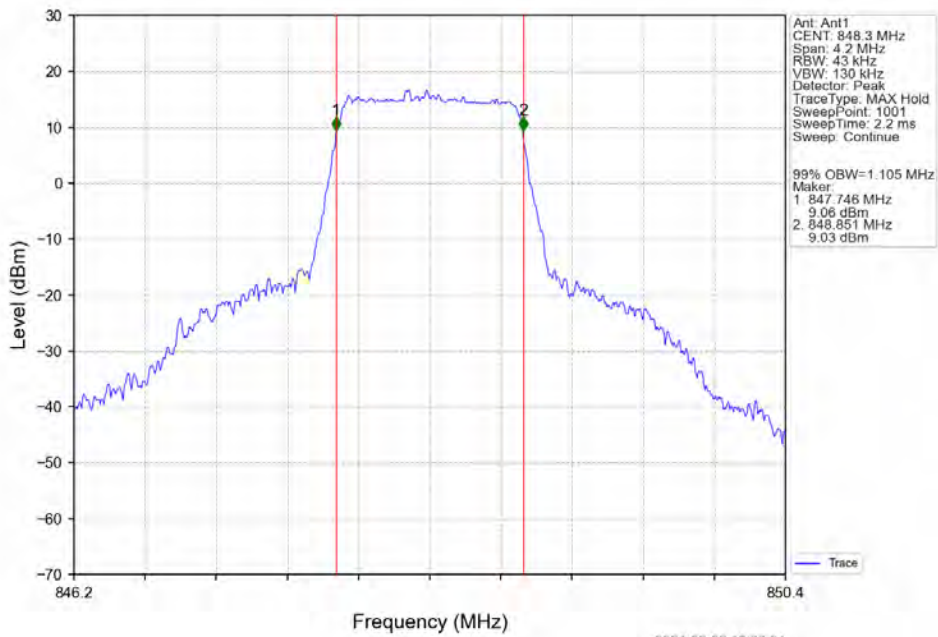
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



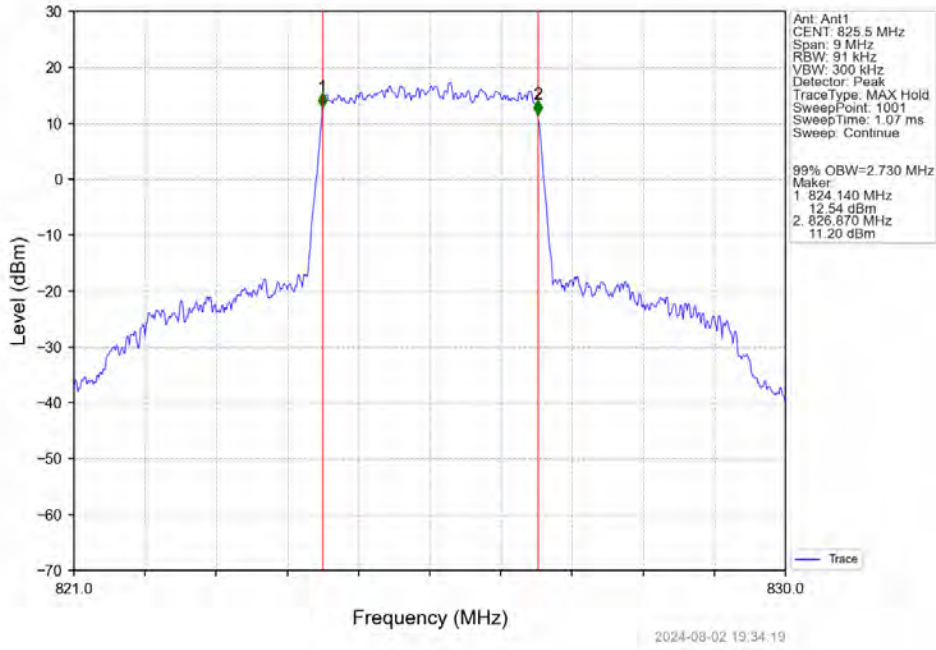
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



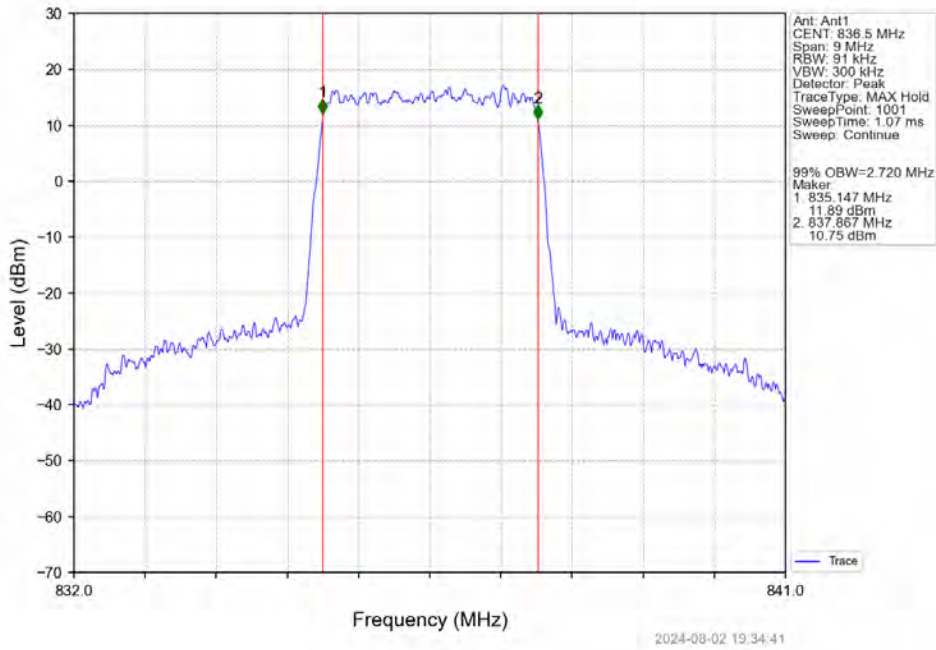
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



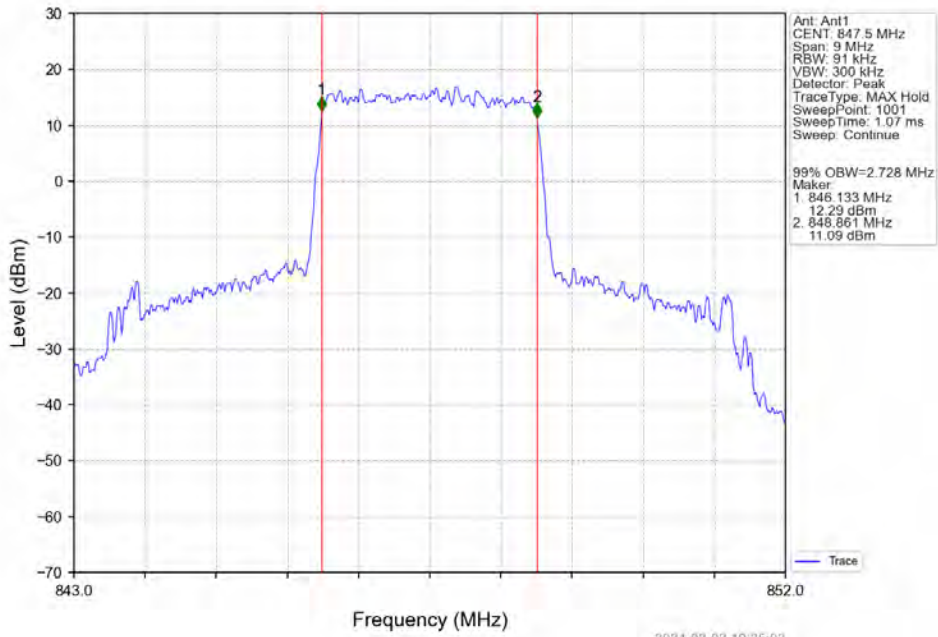
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



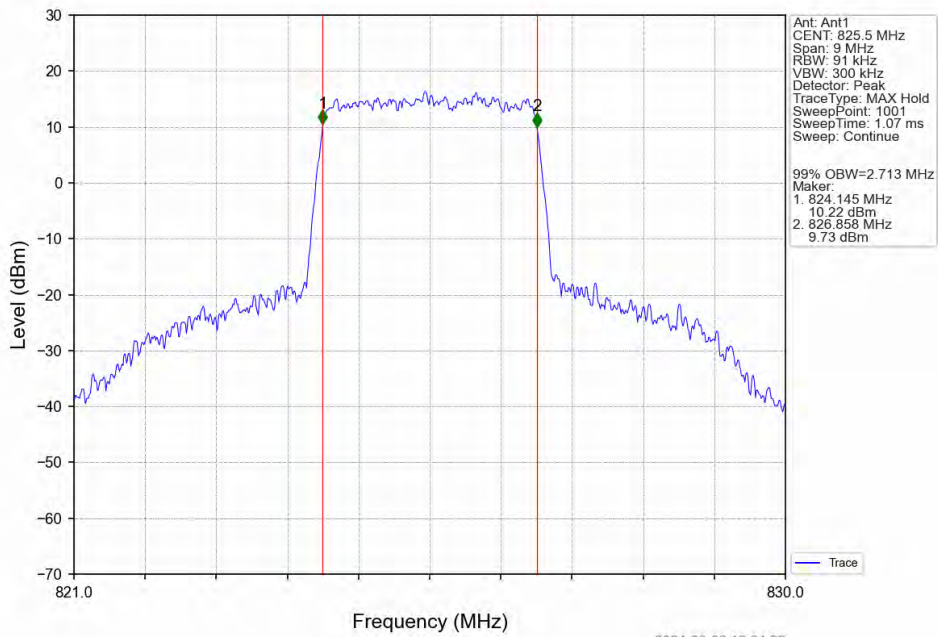
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



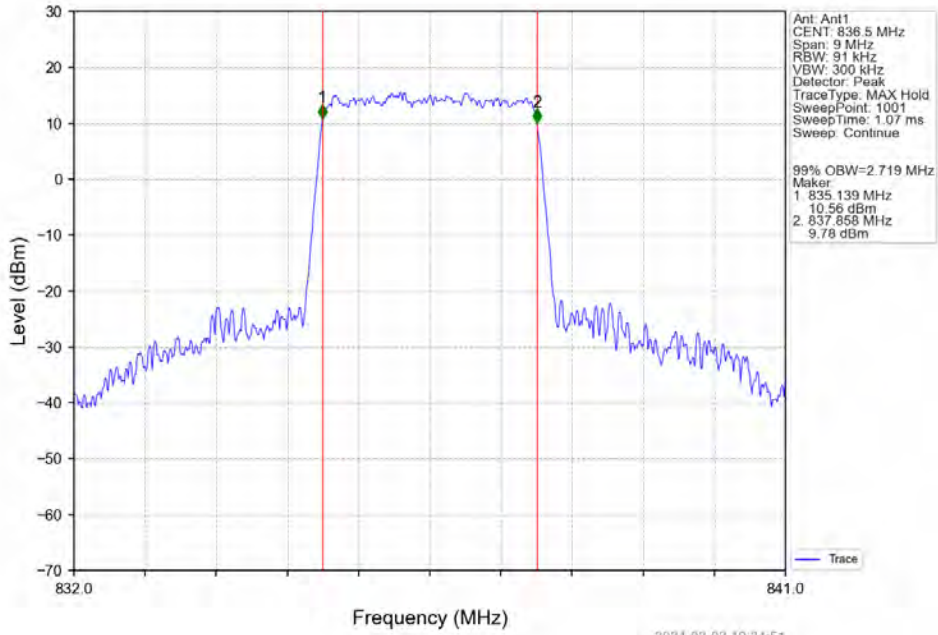
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



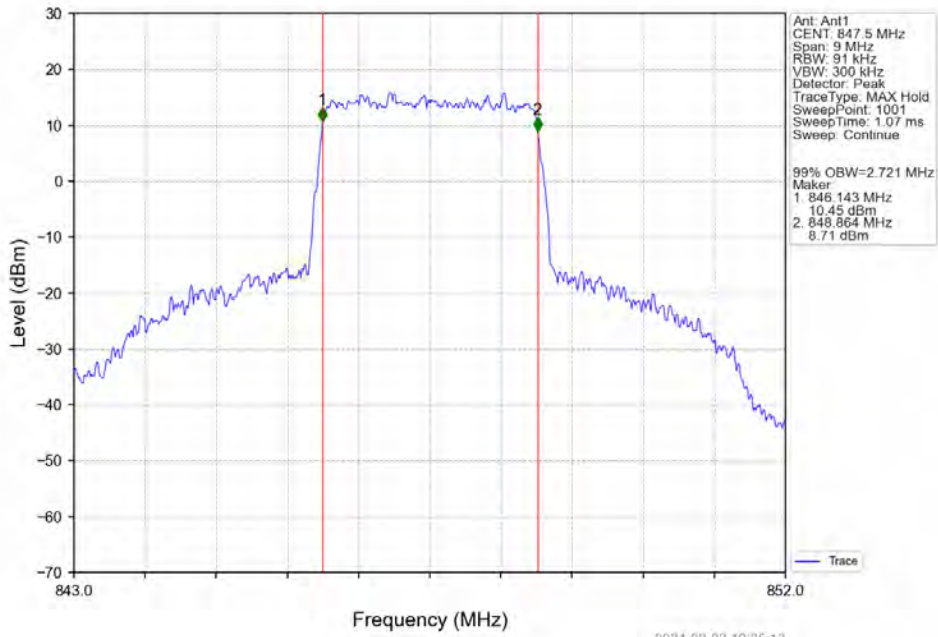
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



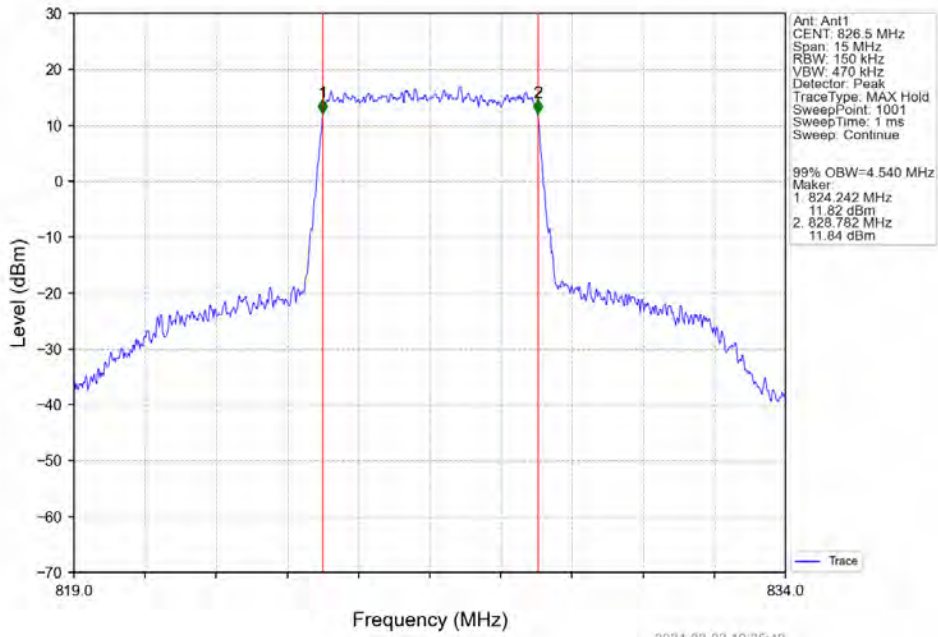
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



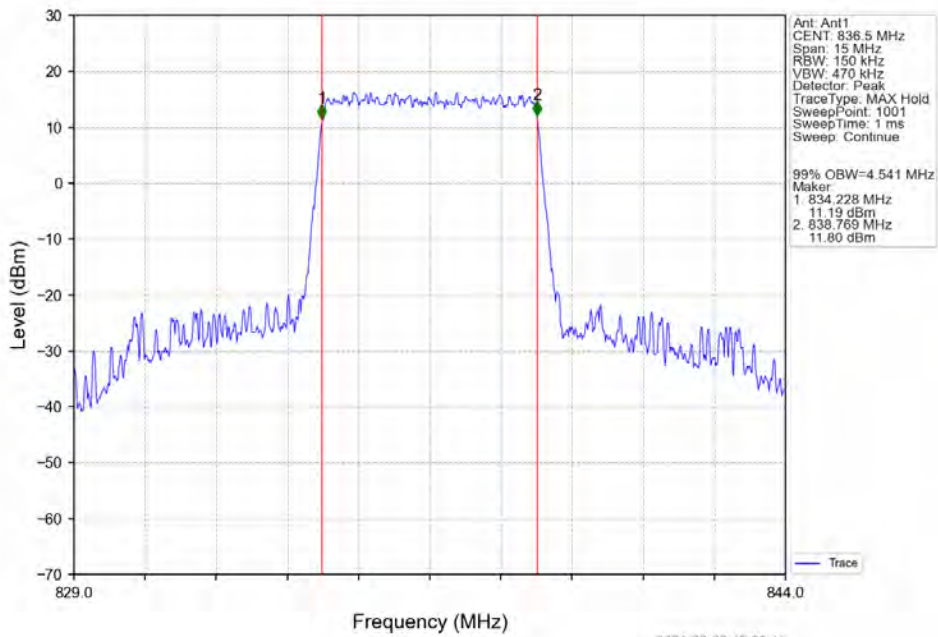
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



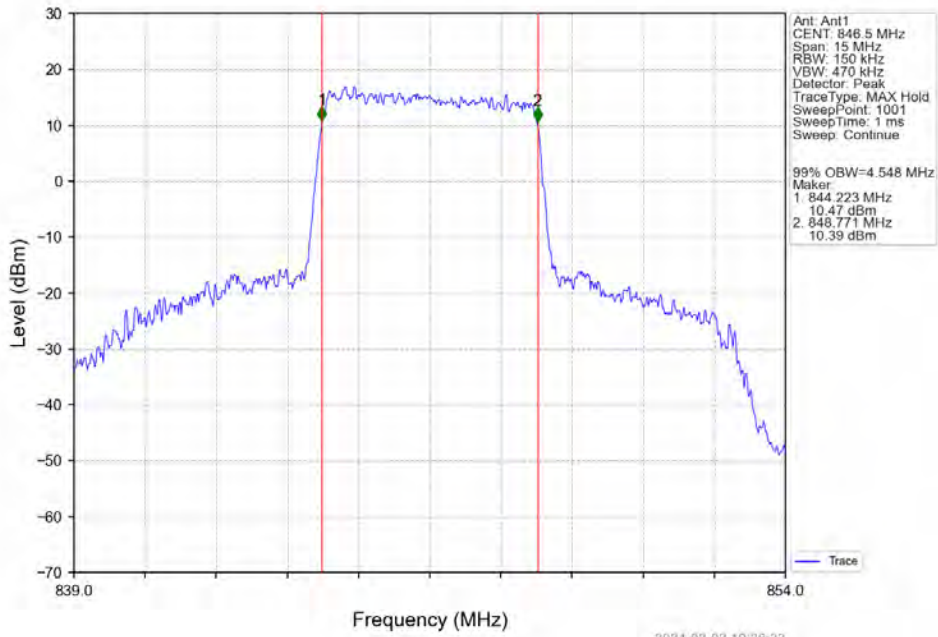
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



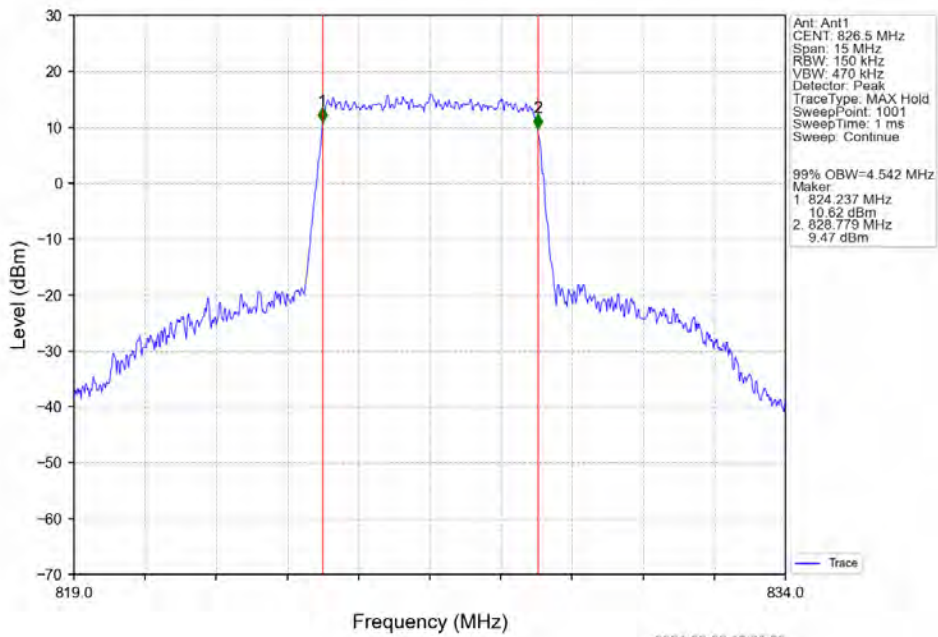
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



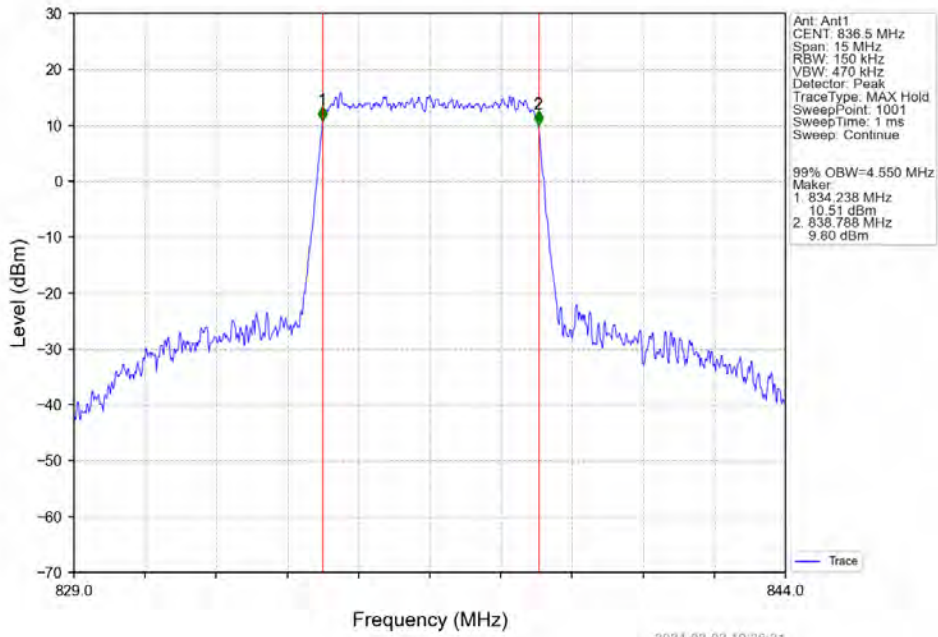
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



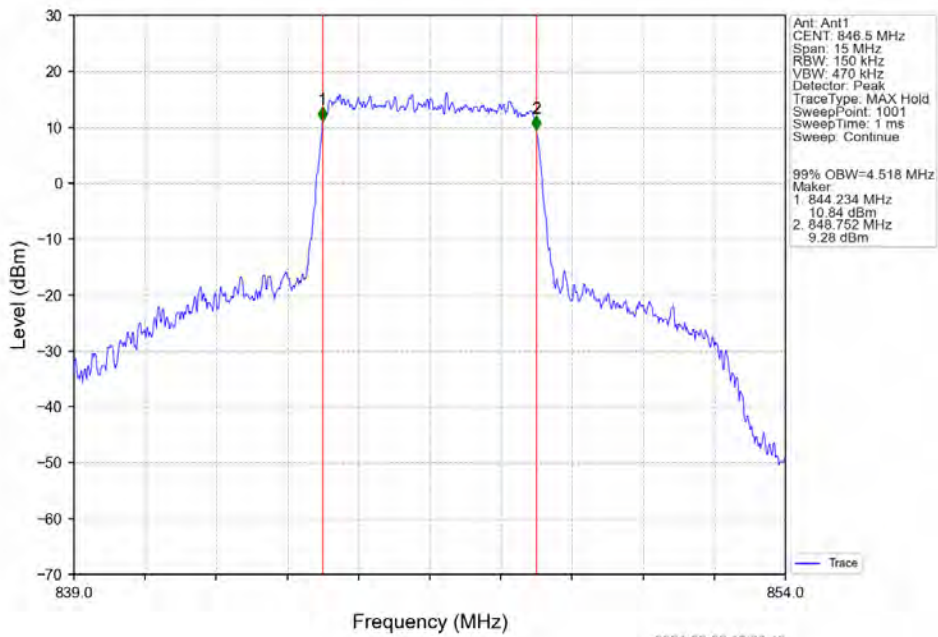
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



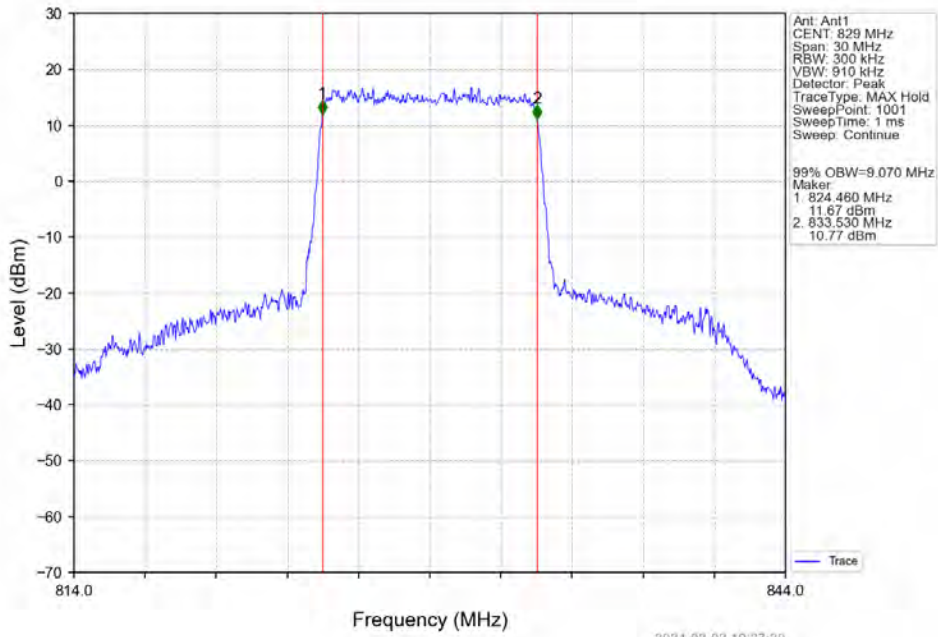
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



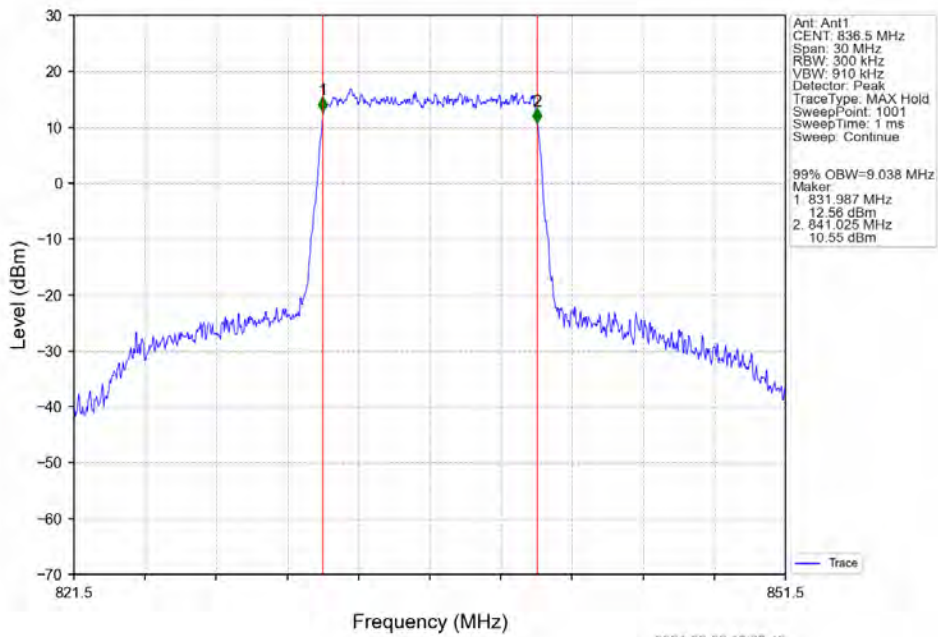
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



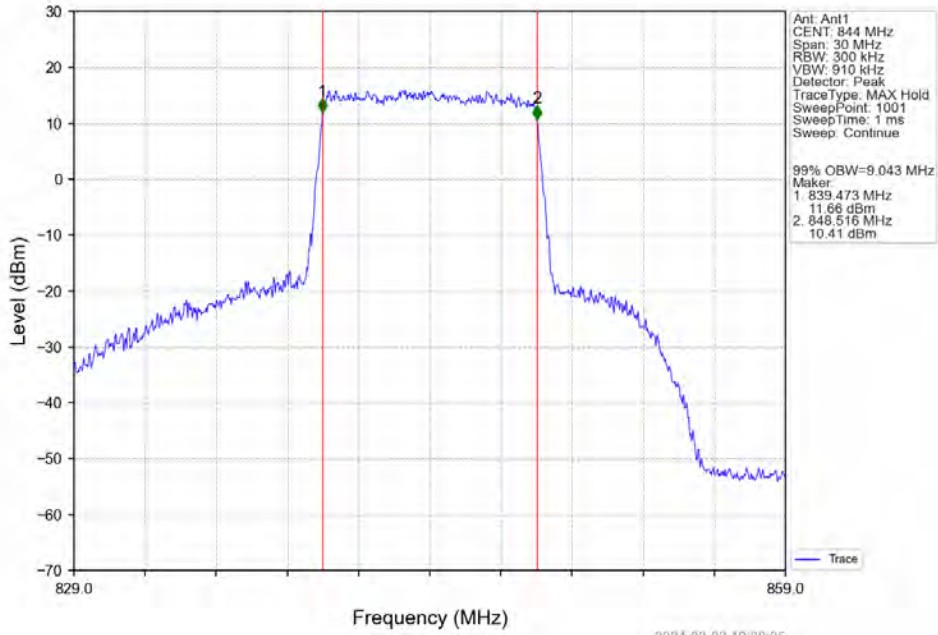
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



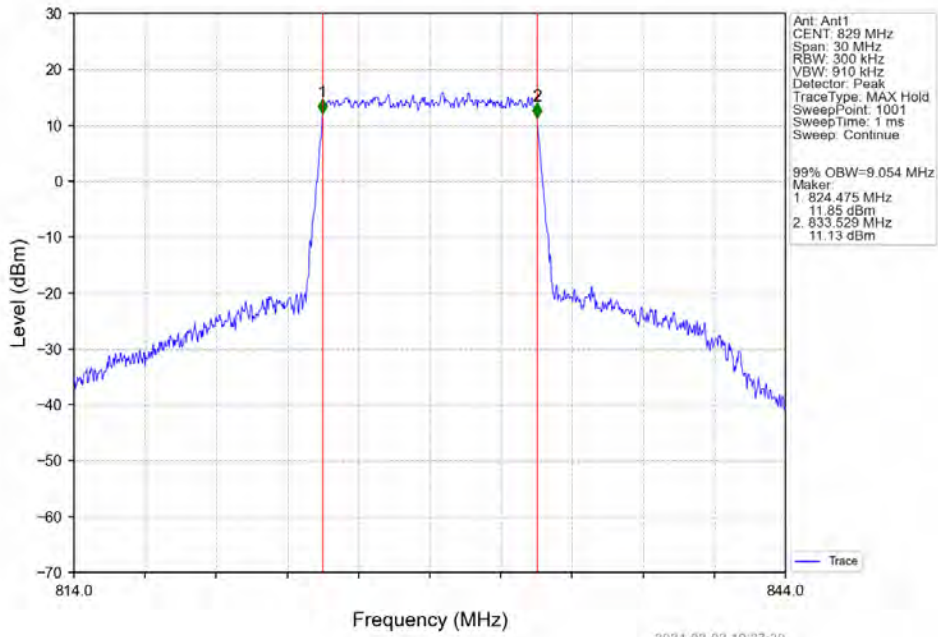
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



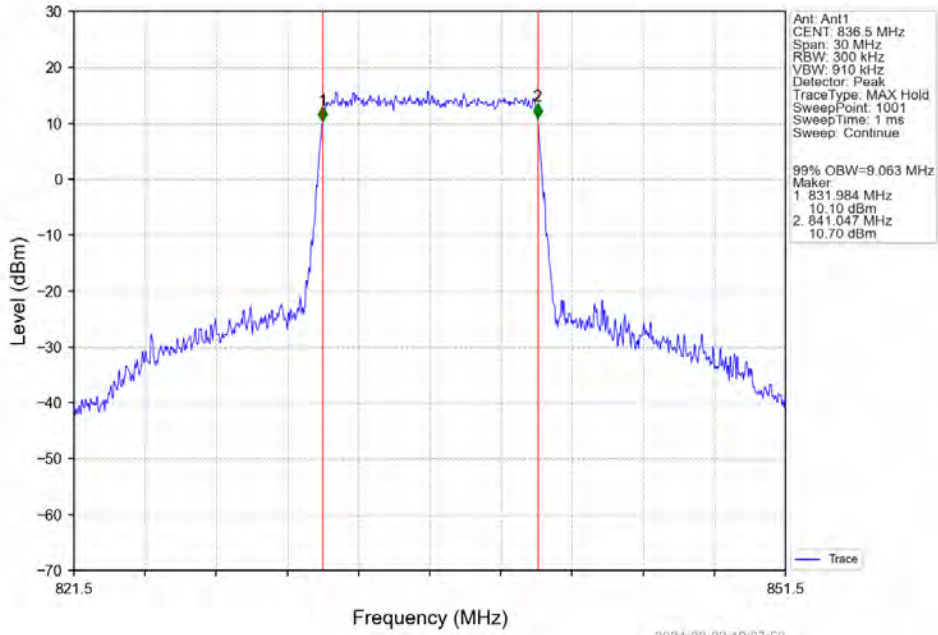
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



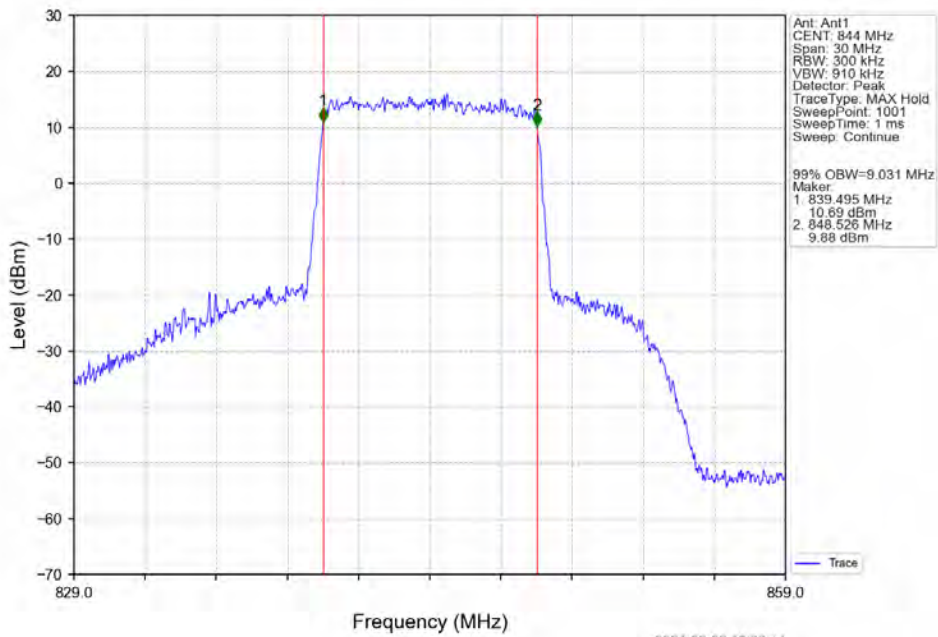
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV

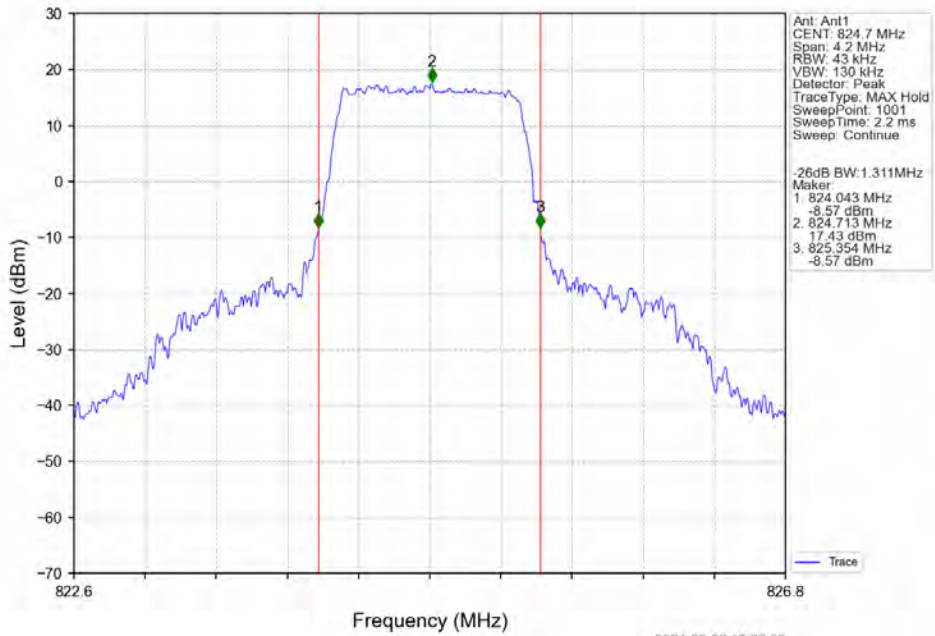


Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV

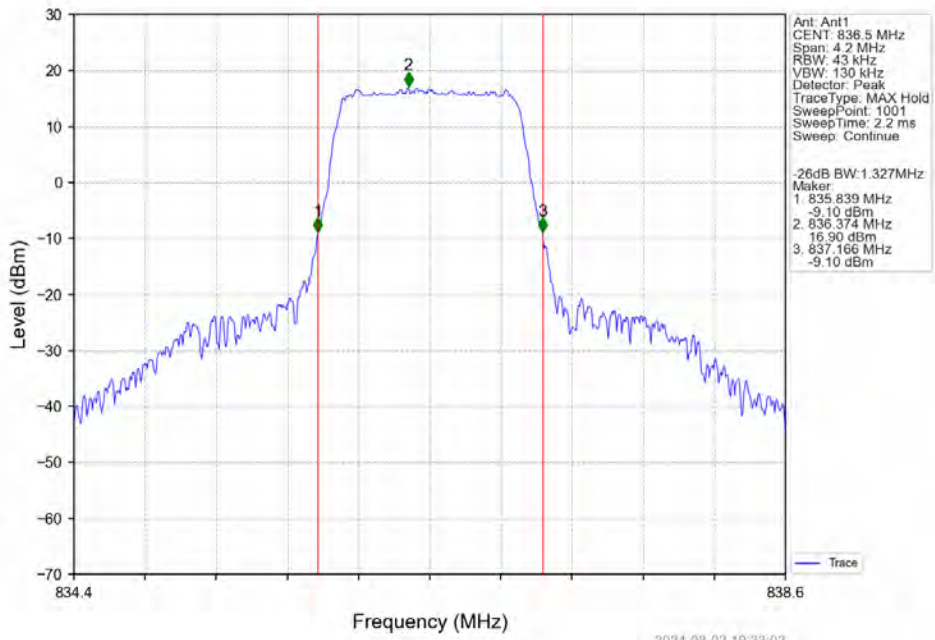


4.2.2 Band5_XDB

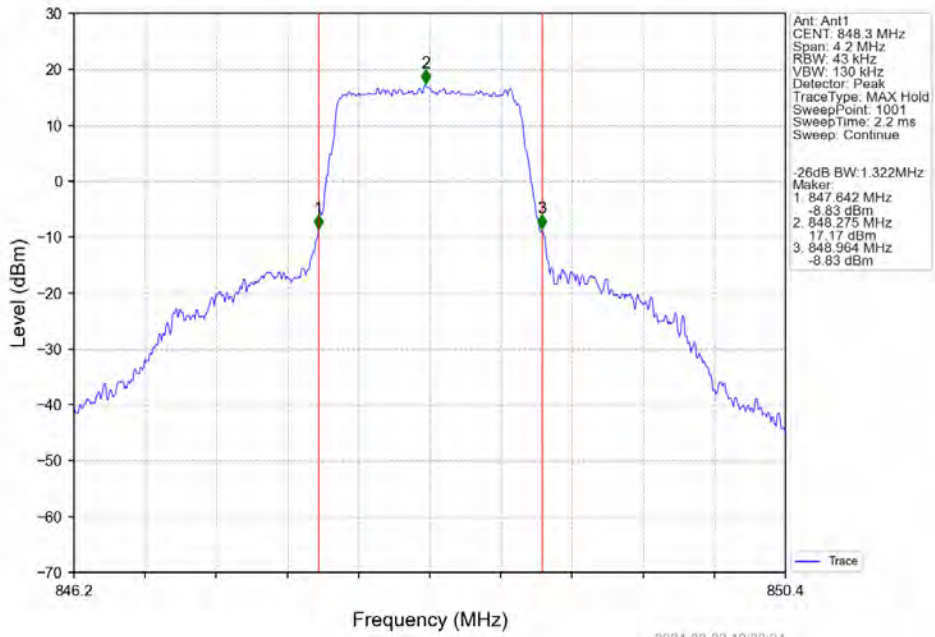
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



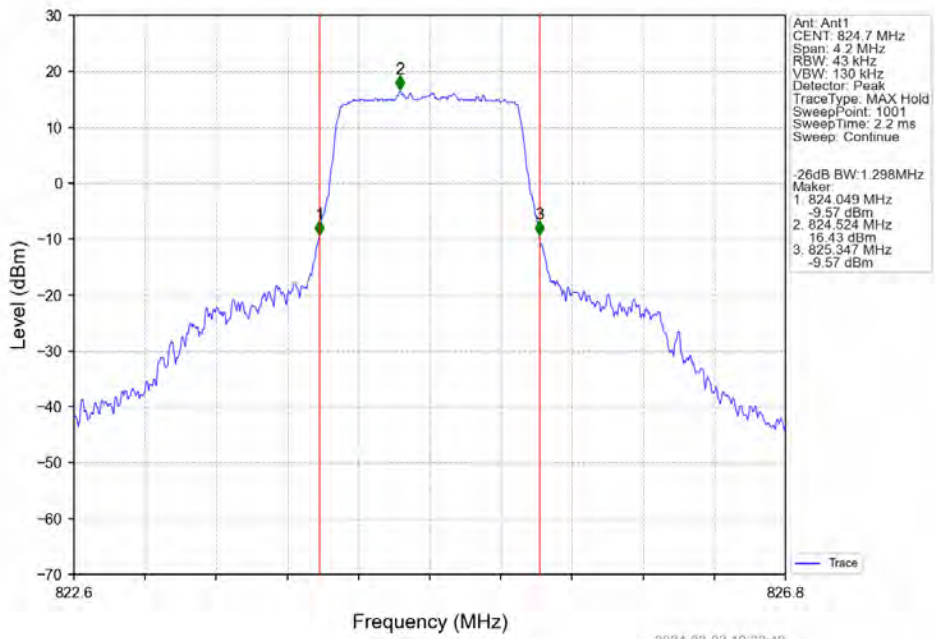
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV



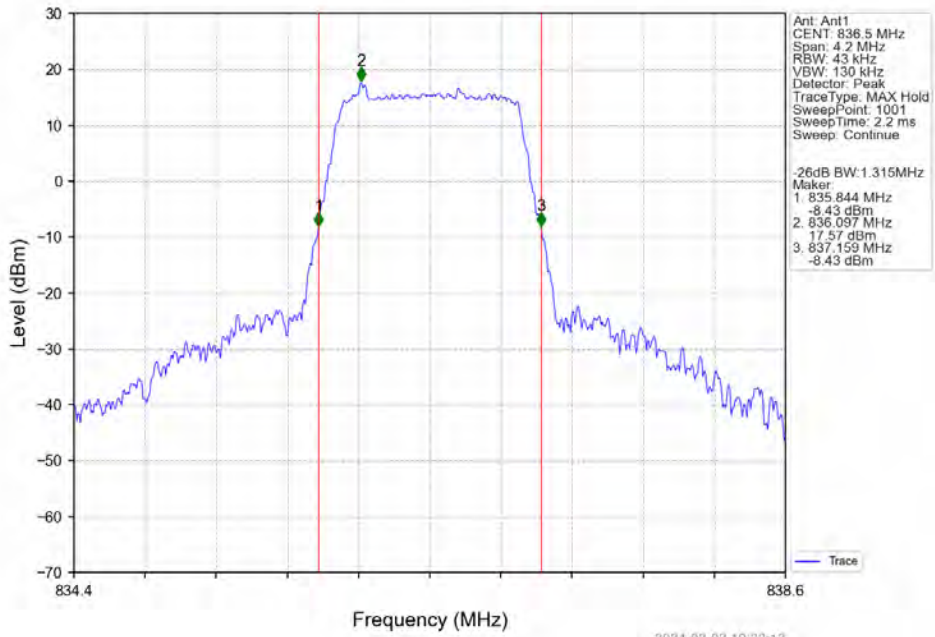
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



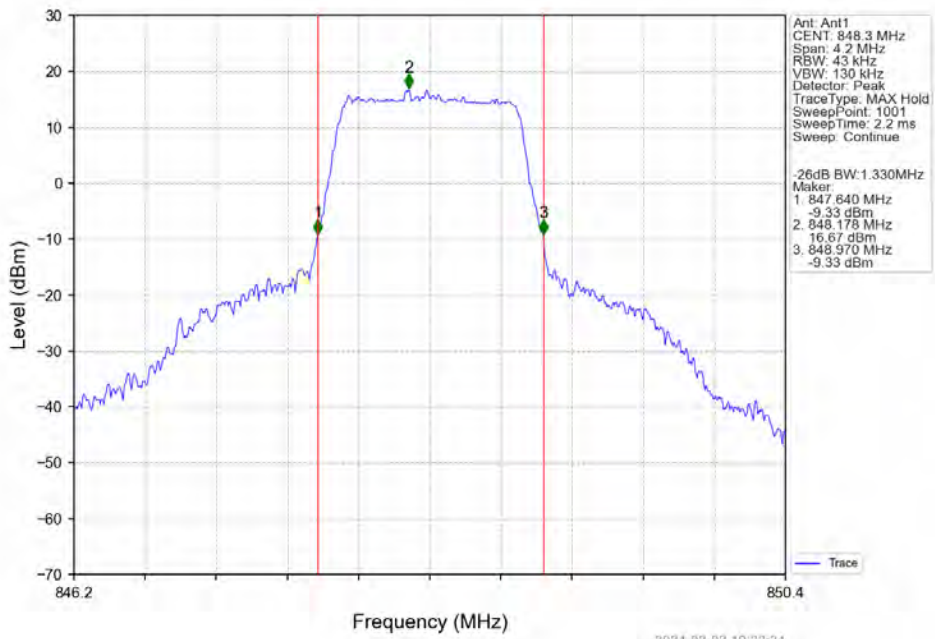
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



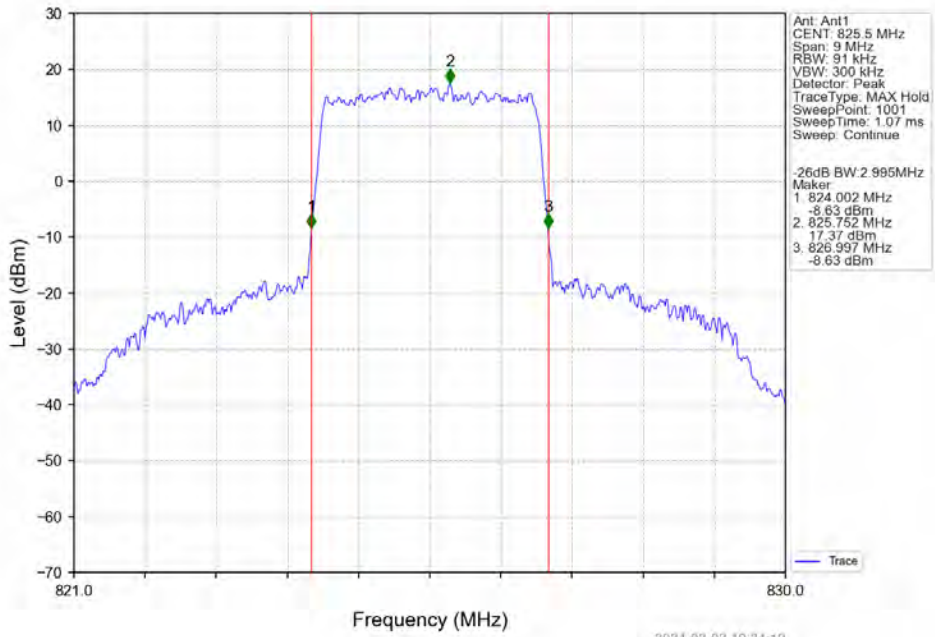
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



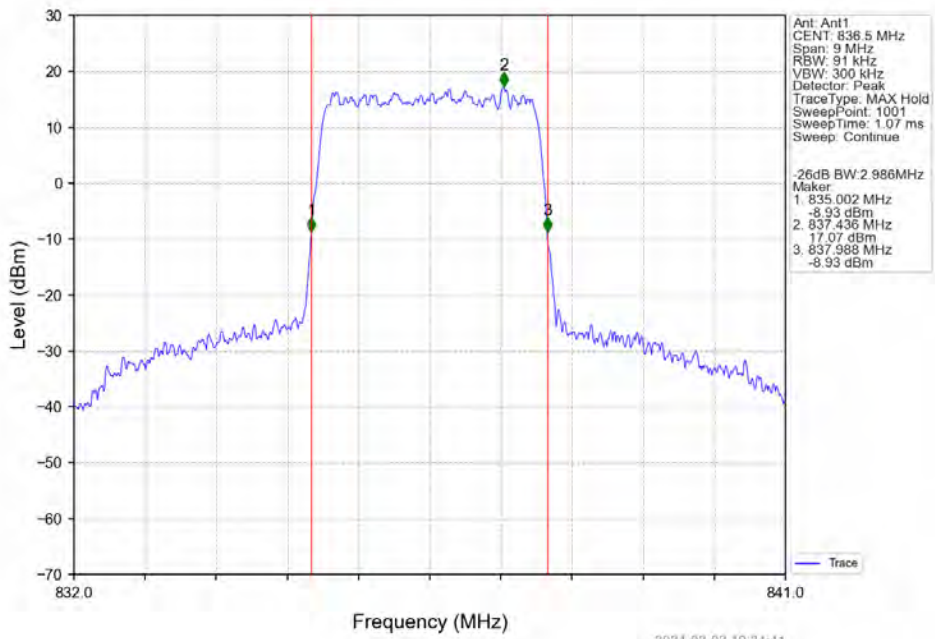
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



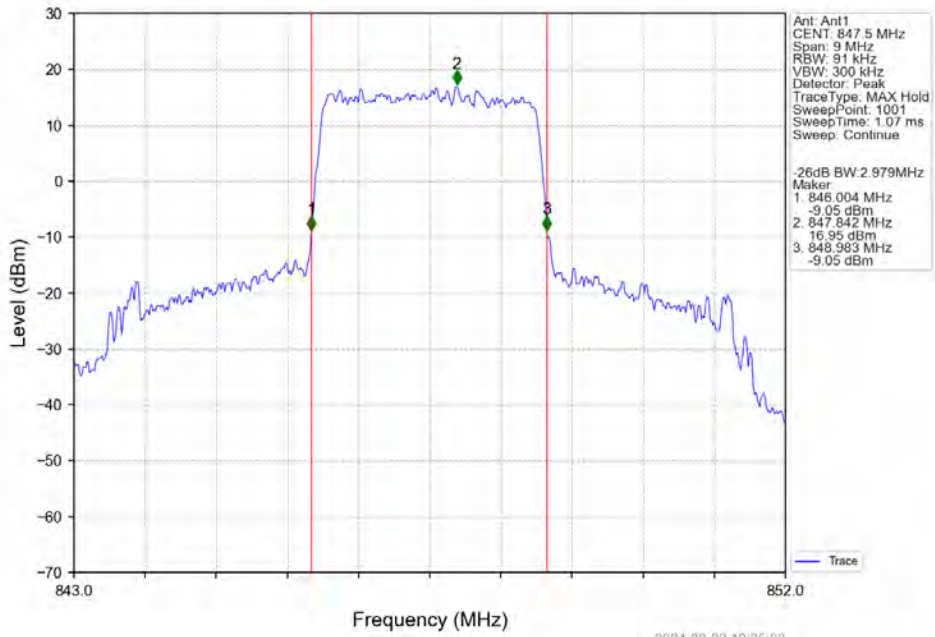
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



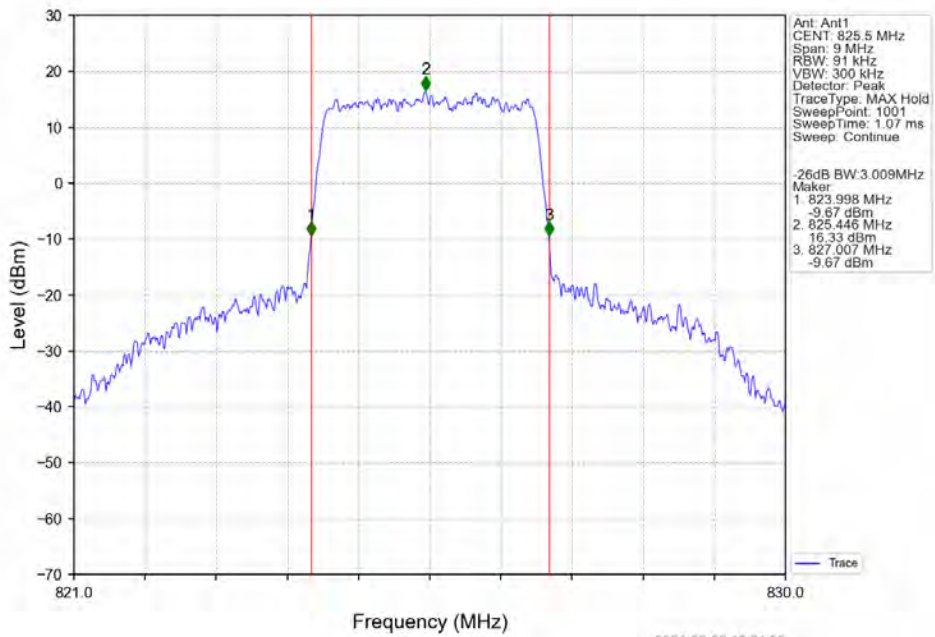
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



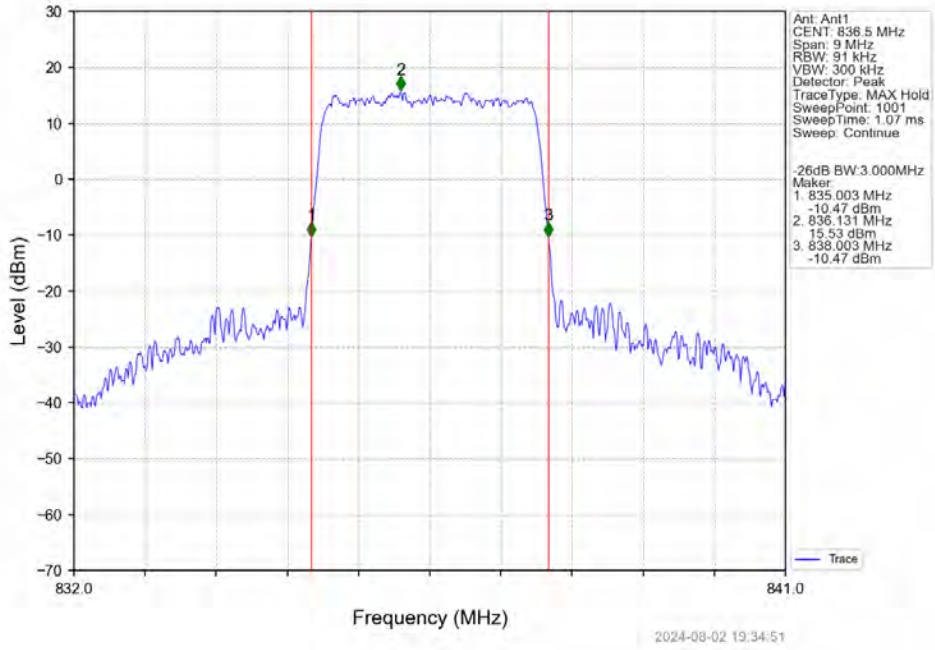
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



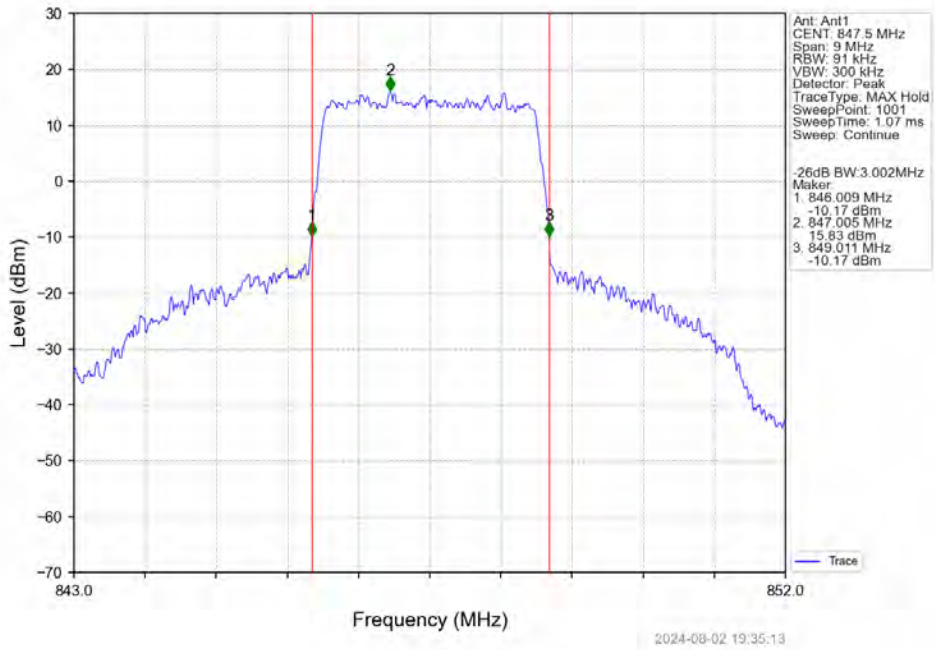
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



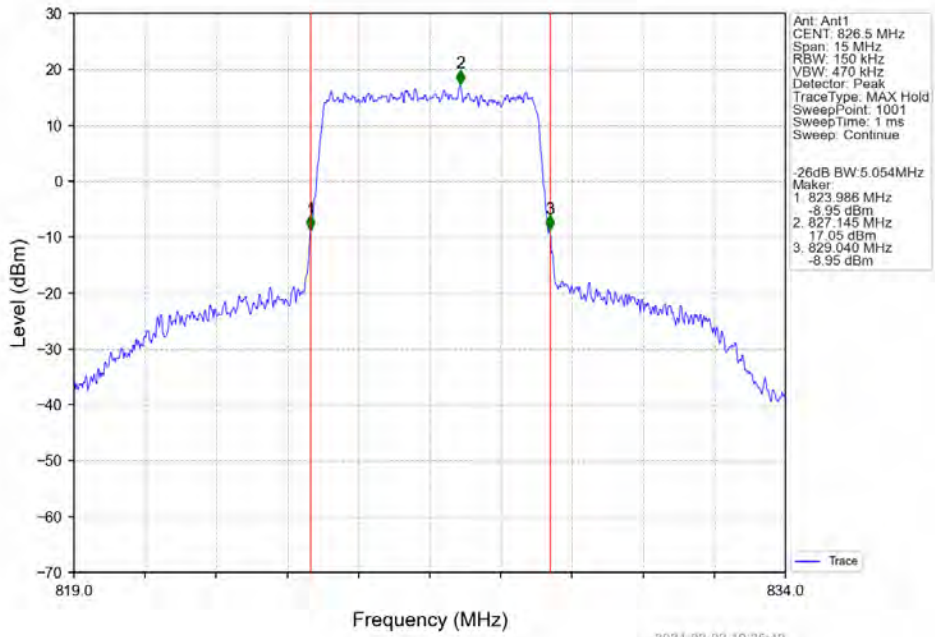
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



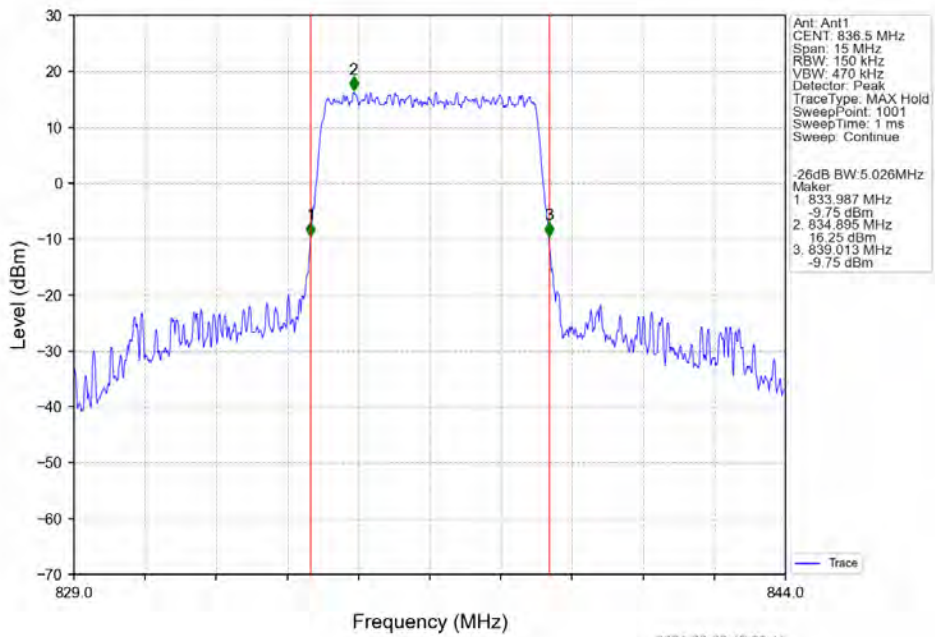
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



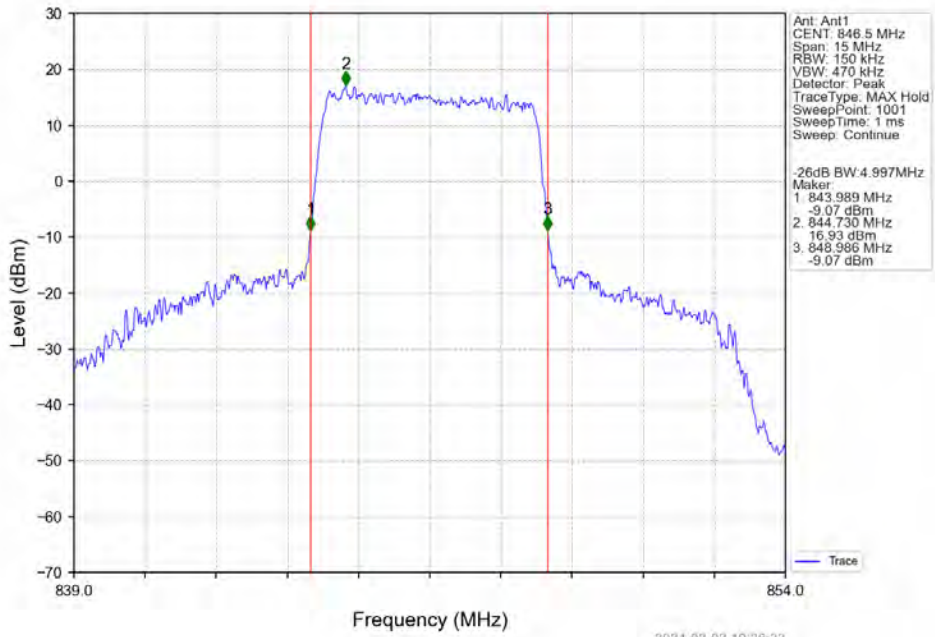
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



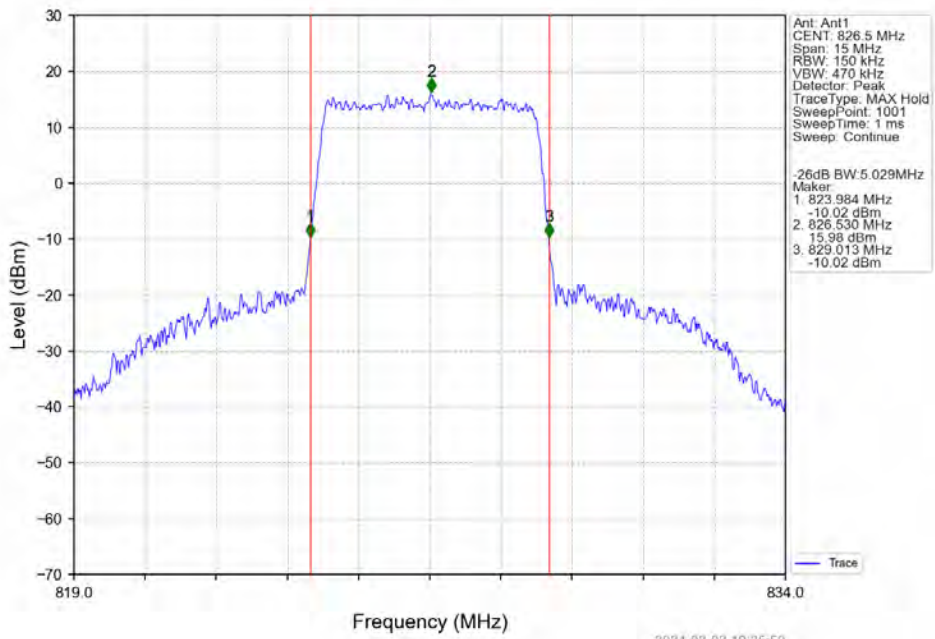
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



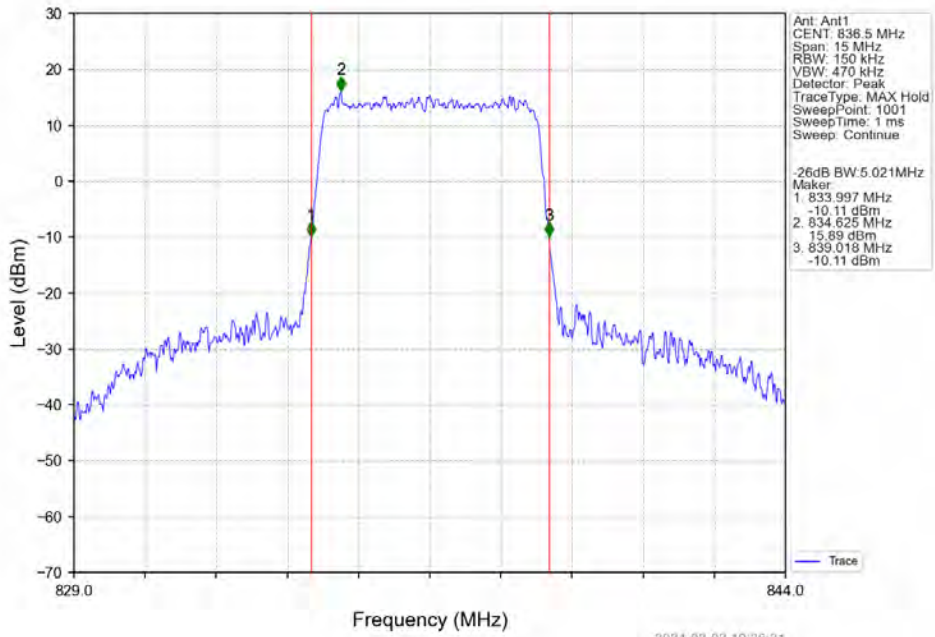
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



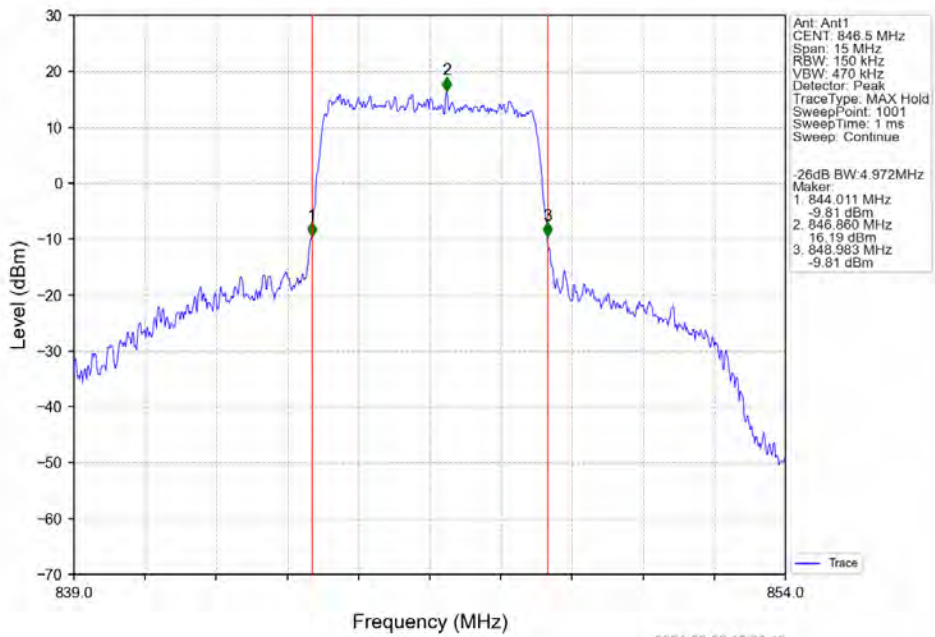
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



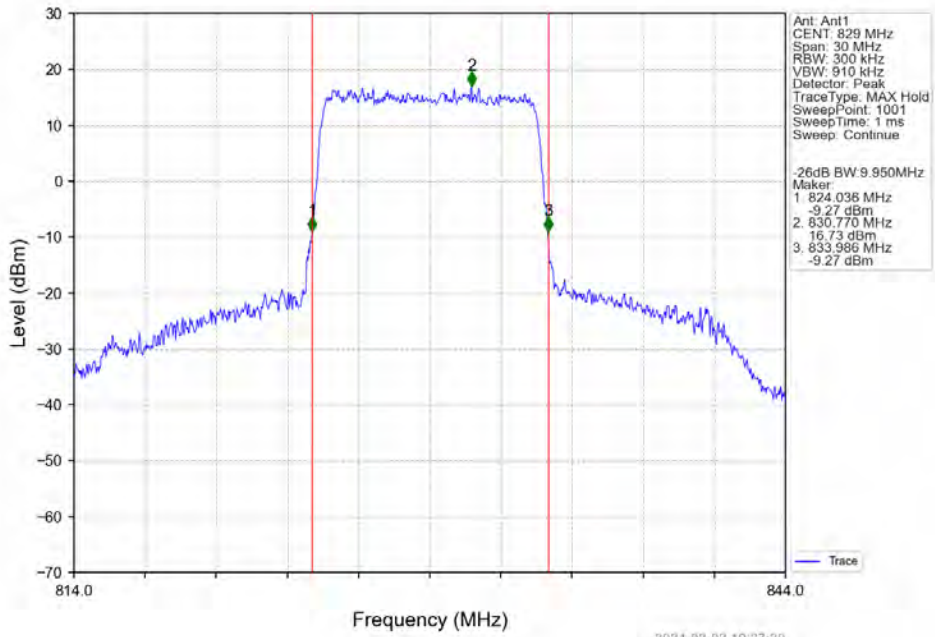
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



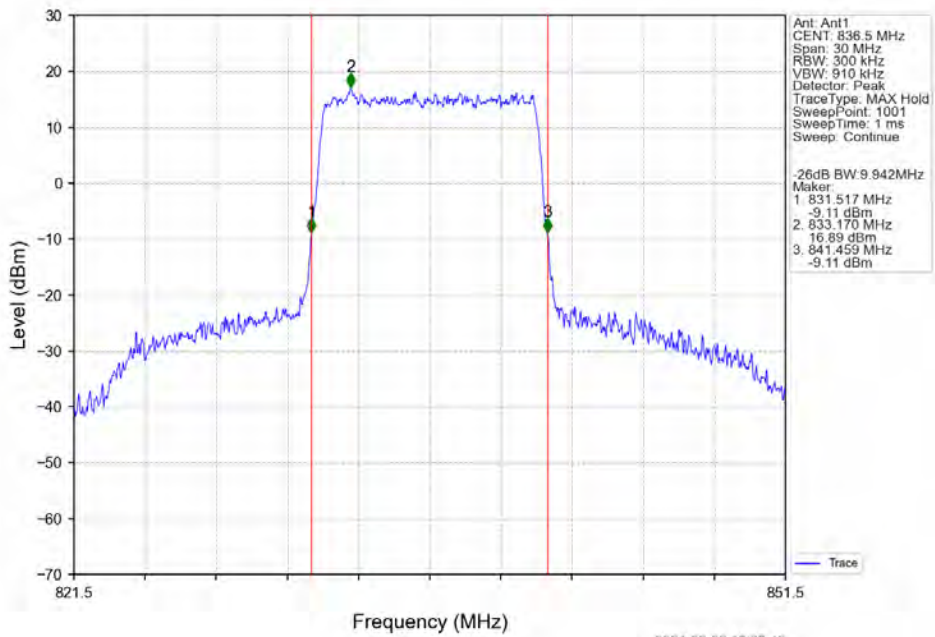
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



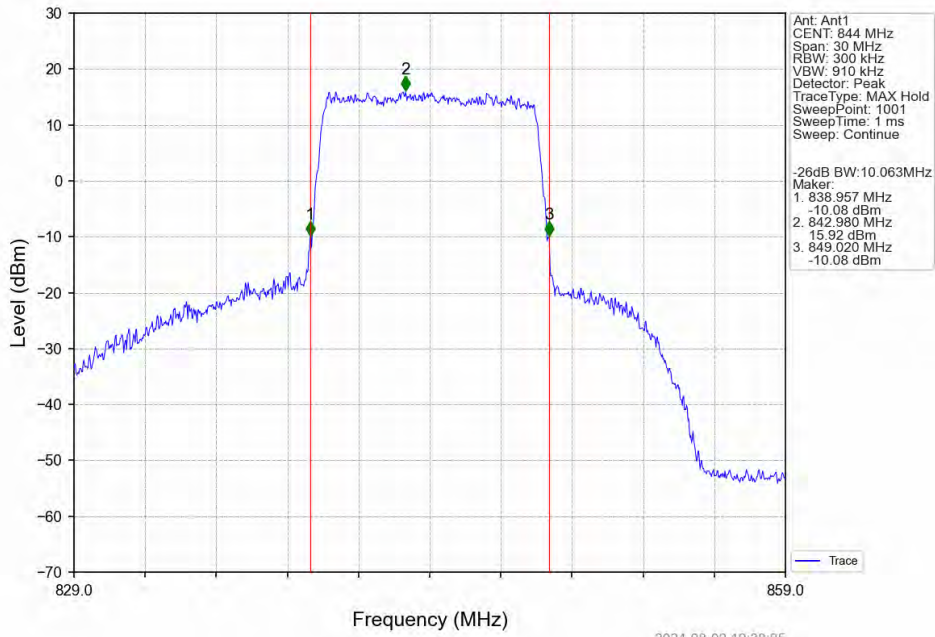
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



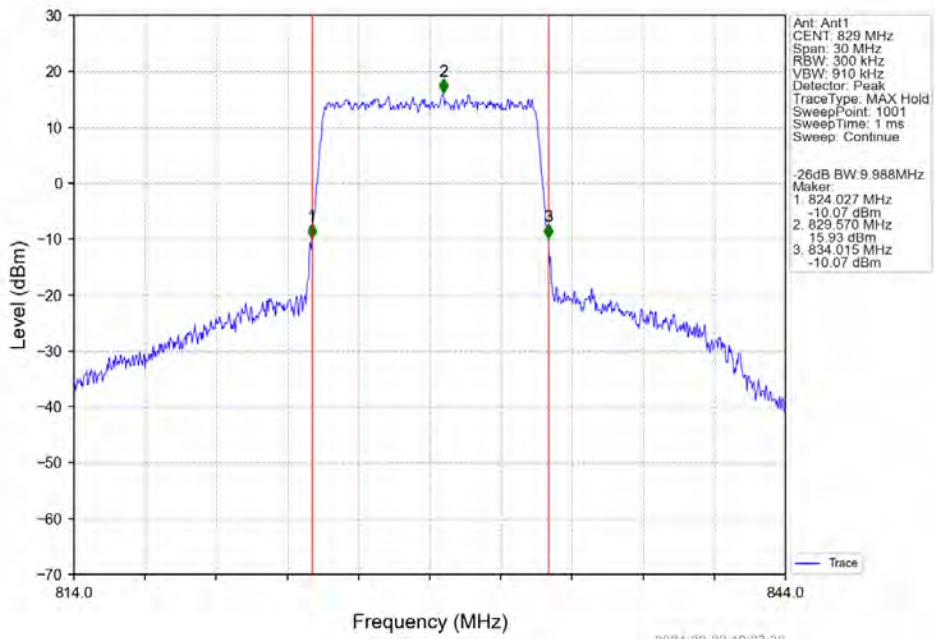
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



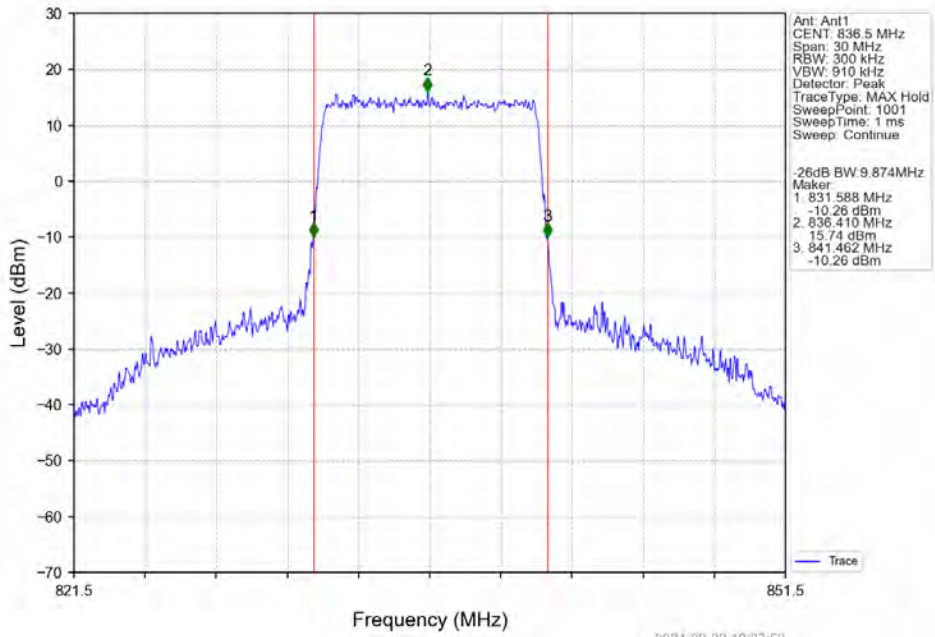
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



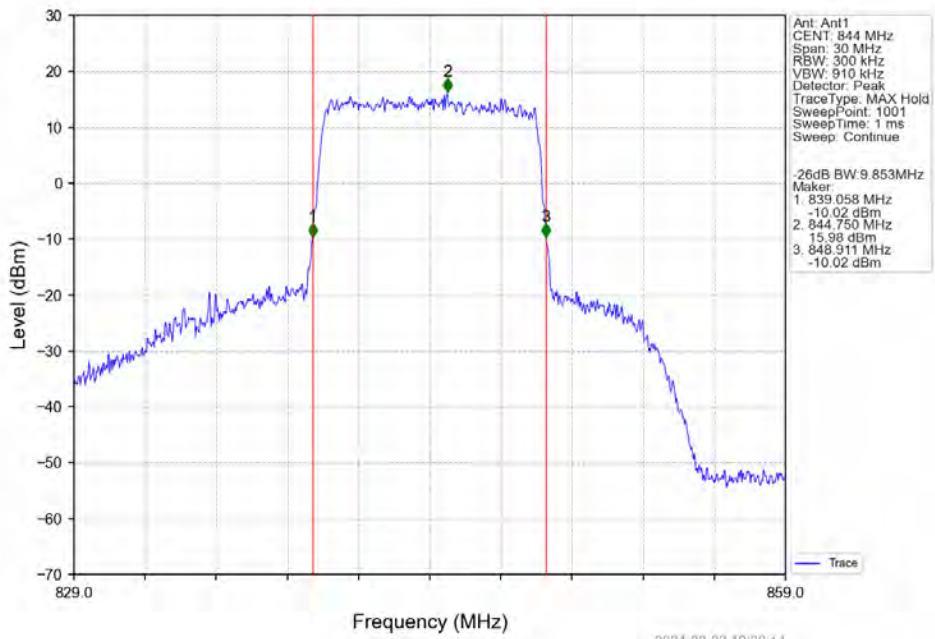
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



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 Test Result

5.1.1 B5_1.4MHz

Band: 5 / Bandwidth: 1.4MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	824.7	6	0	4.93	<=13	Pass
	836.5	6	0	5.29	<=13	Pass
	848.3	6	0	4.45	<=13	Pass
16QAM	824.7	6	0	5.70	<=13	Pass
	836.5	6	0	6.14	<=13	Pass
	848.3	6	0	5.28	<=13	Pass

5.1.2 B5_3MHz

Band: 5 / Bandwidth: 3MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	825.5	15	0	4.95	<=13	Pass
	836.5	15	0	5.35	<=13	Pass
	847.5	15	0	4.73	<=13	Pass
16QAM	825.5	15	0	5.74	<=13	Pass
	836.5	15	0	6.20	<=13	Pass
	847.5	15	0	5.58	<=13	Pass

5.1.3 B5_5MHz

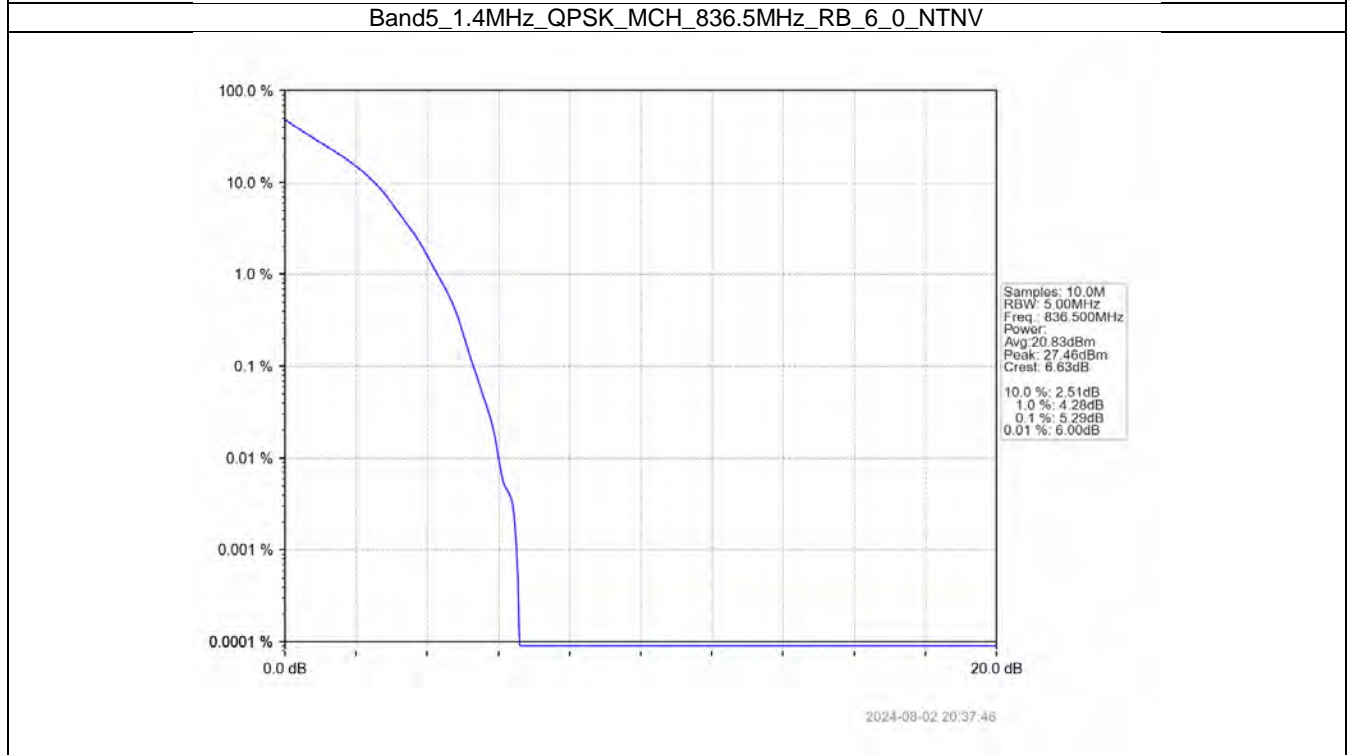
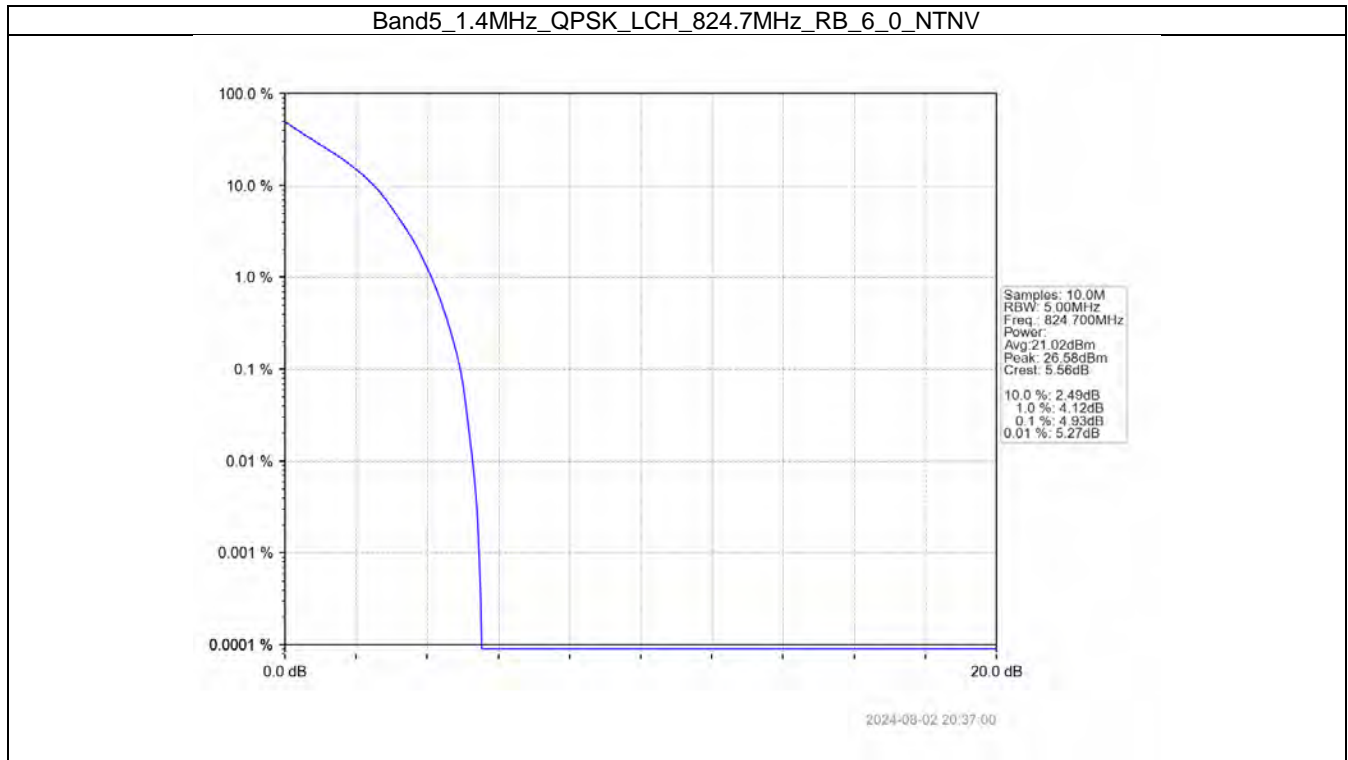
Band: 5 / Bandwidth: 5MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	826.5	25	0	5.21	<=13	Pass
	836.5	25	0	5.56	<=13	Pass
	846.5	25	0	5.12	<=13	Pass
16QAM	826.5	25	0	5.92	<=13	Pass
	836.5	25	0	6.21	<=13	Pass
	846.5	25	0	5.79	<=13	Pass

5.1.4 B5_10MHz

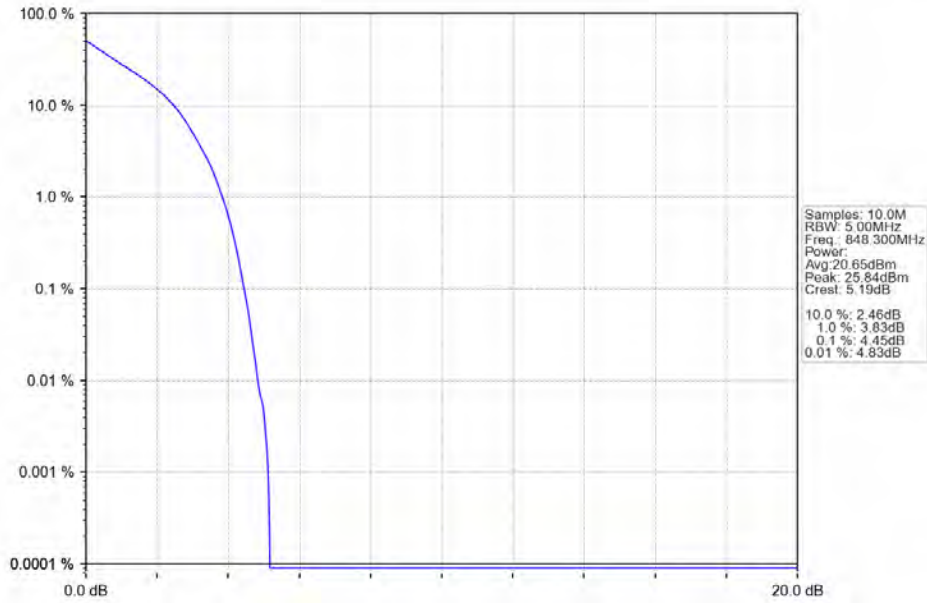
Band: 5 / Bandwidth: 10MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	829	50	0	5.29	<=13	Pass
	836.5	50	0	5.49	<=13	Pass
	844	50	0	5.31	<=13	Pass
16QAM	829	50	0	6.03	<=13	Pass
	836.5	50	0	6.23	<=13	Pass
	844	50	0	6.01	<=13	Pass

5.2 Test Graph

5.2.1 B5_1.4MHz

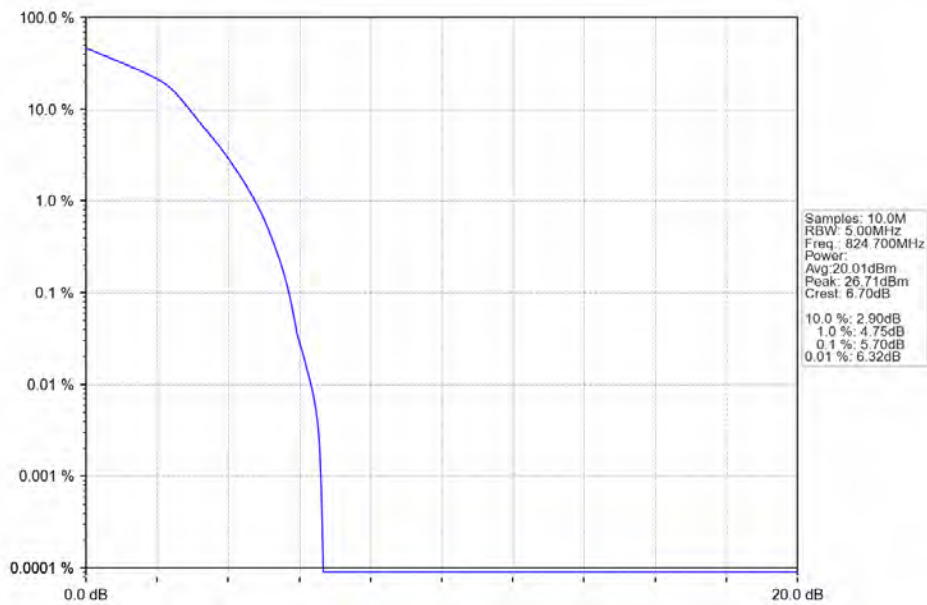


Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



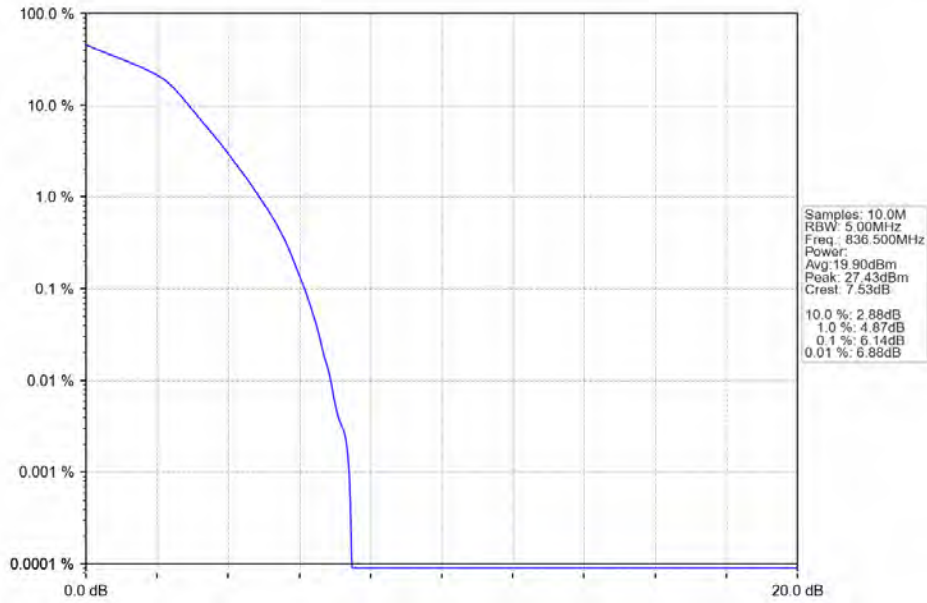
2024-08-02 20:38:18

Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



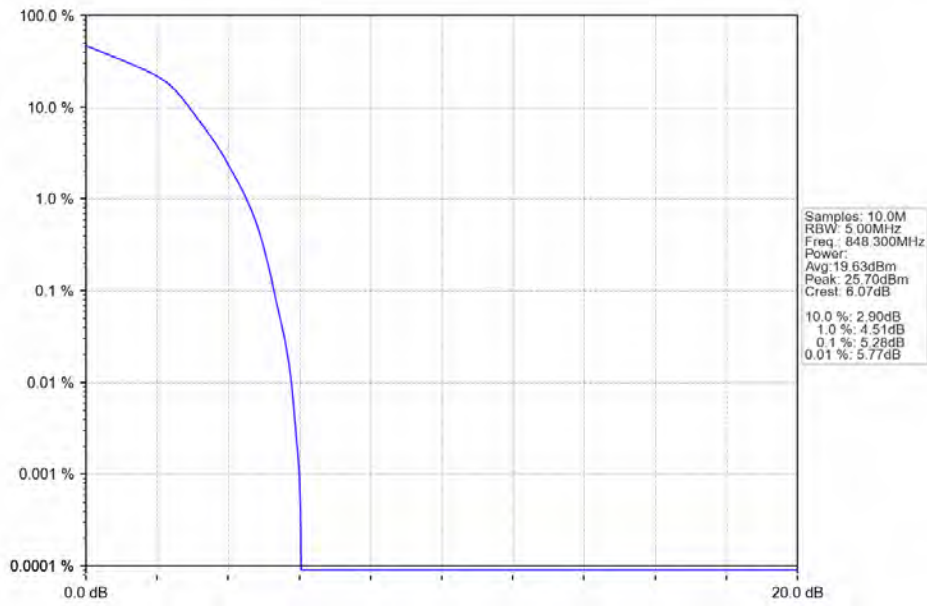
2024-08-02 20:37:13

Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



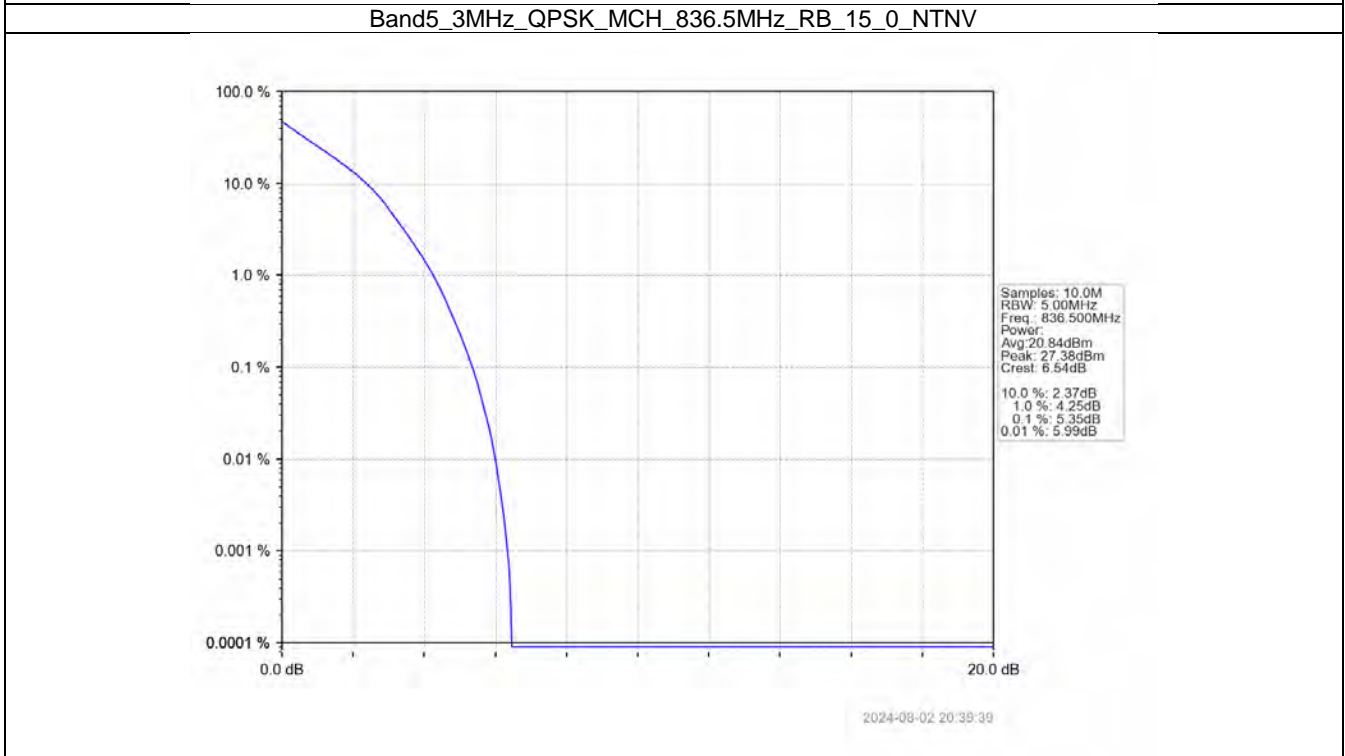
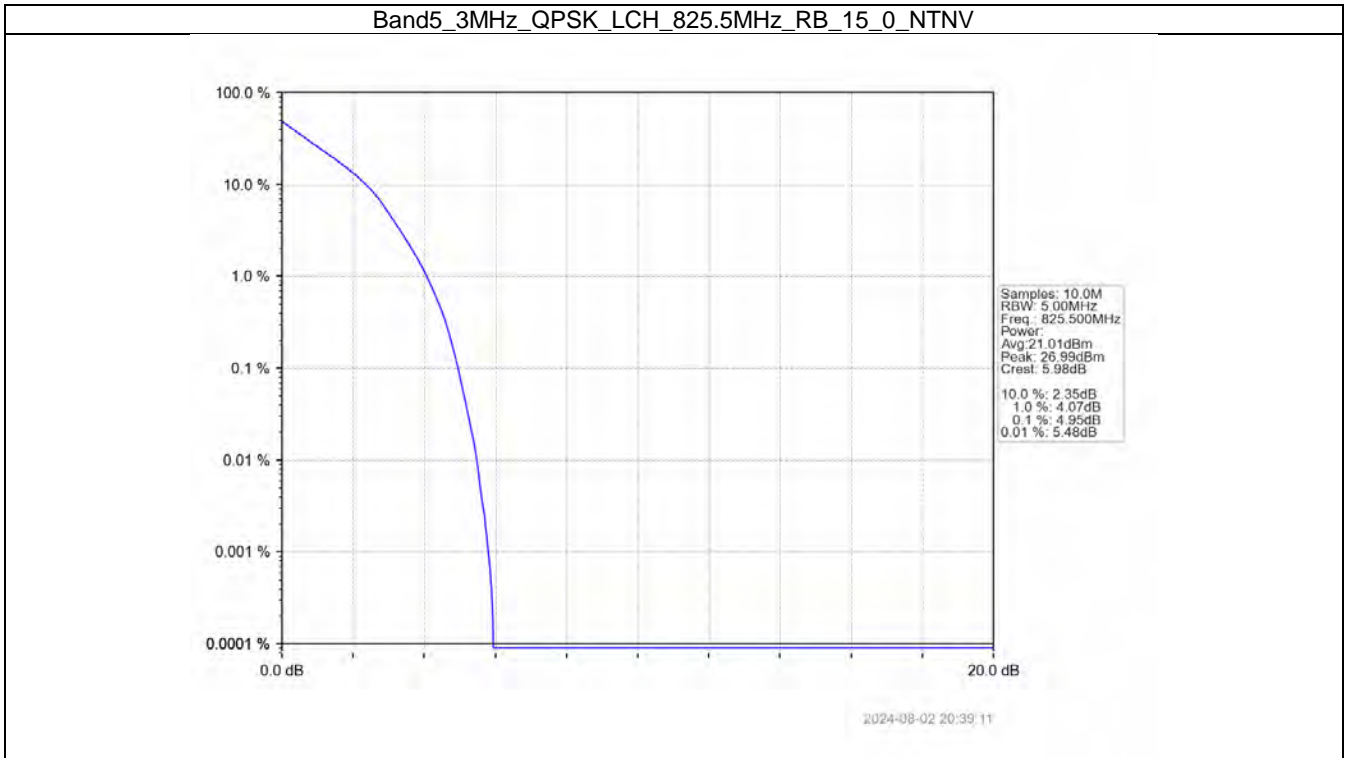
2024-08-02 20:38:02

Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV

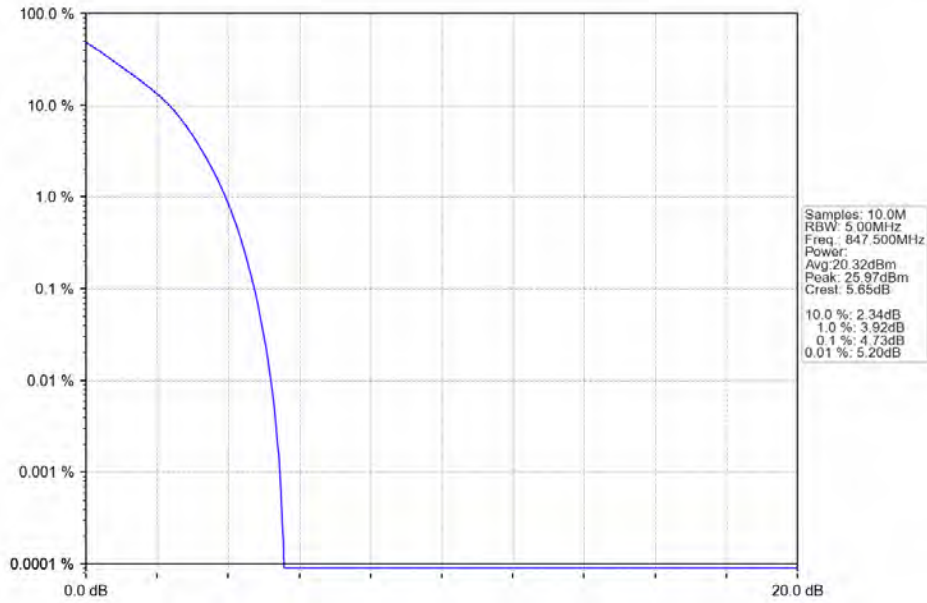


2024-08-02 20:38:32

5.2.2 B5_3MHz

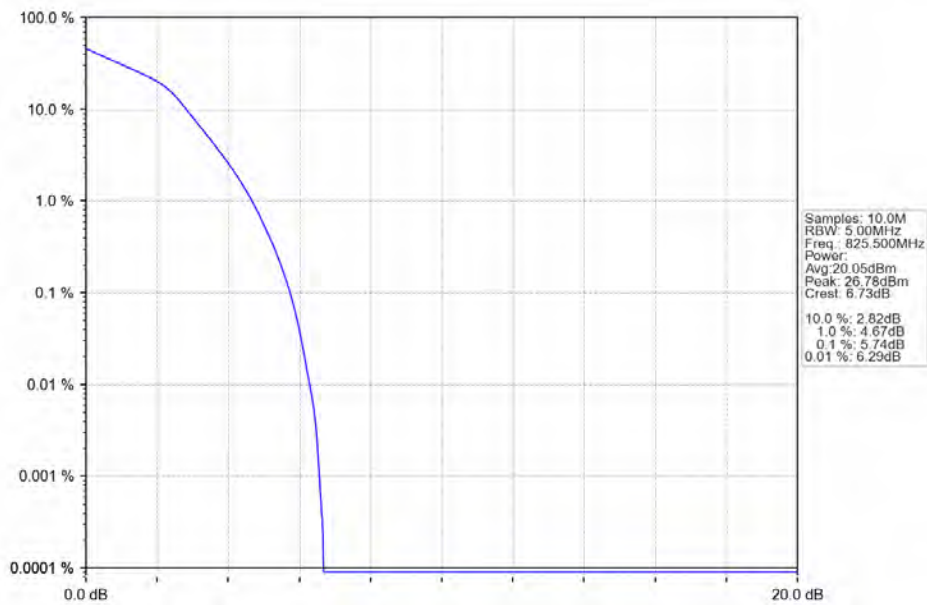


Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



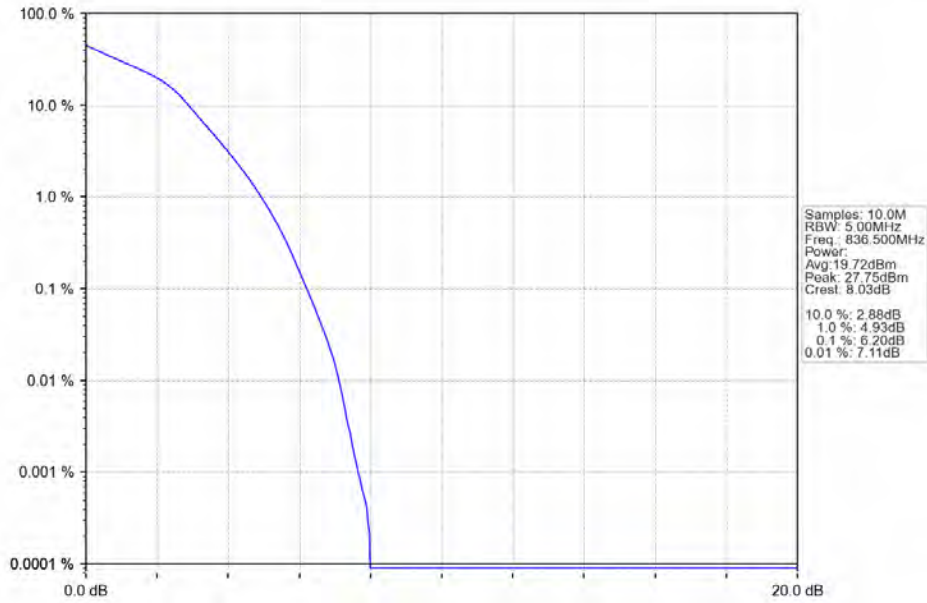
2024-08-02 20:40:08

Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



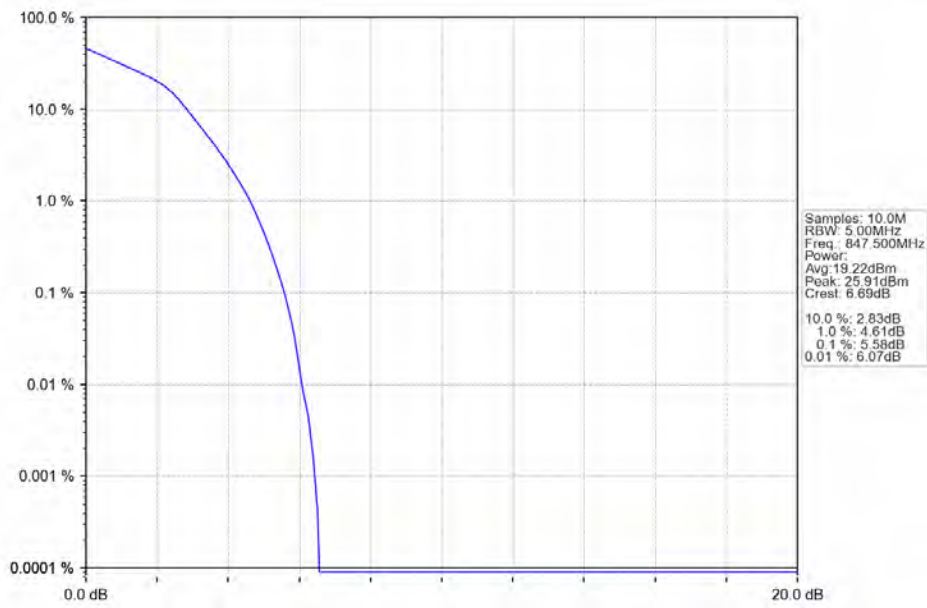
2024-08-02 20:39:24

Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



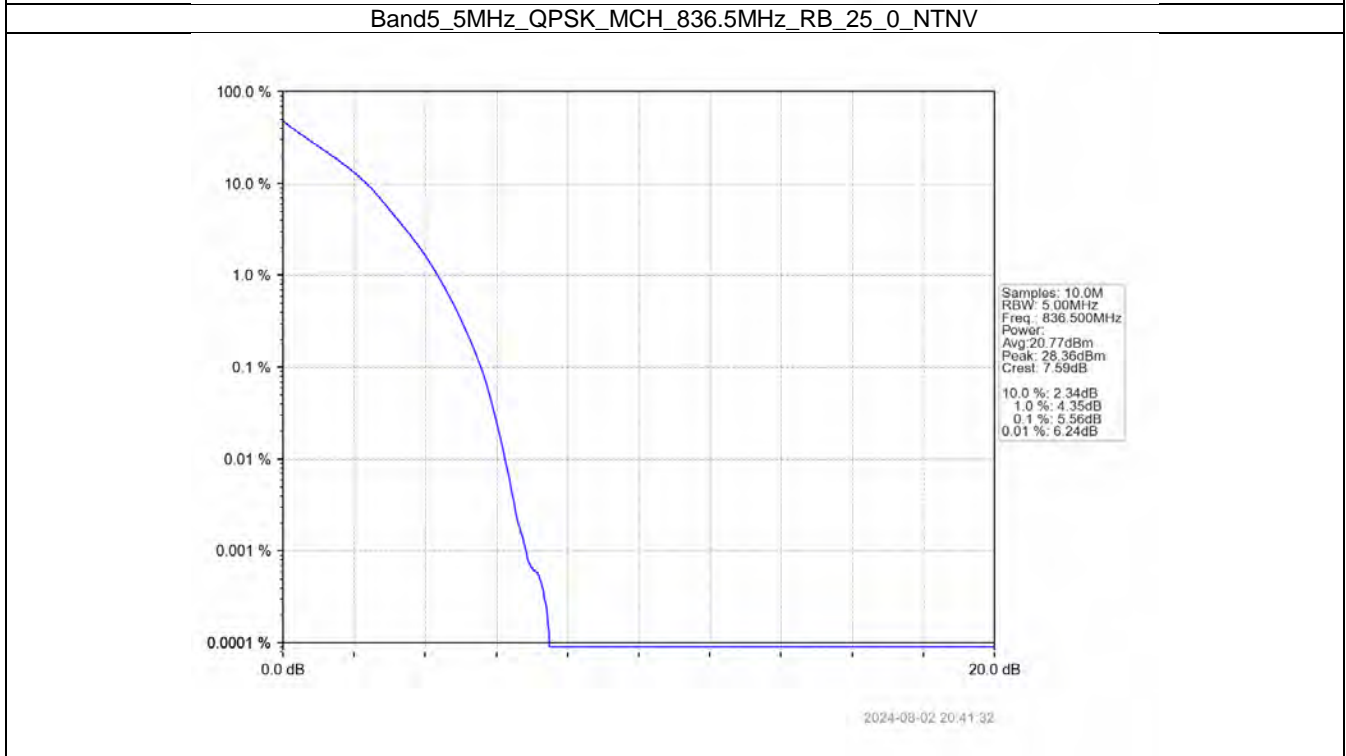
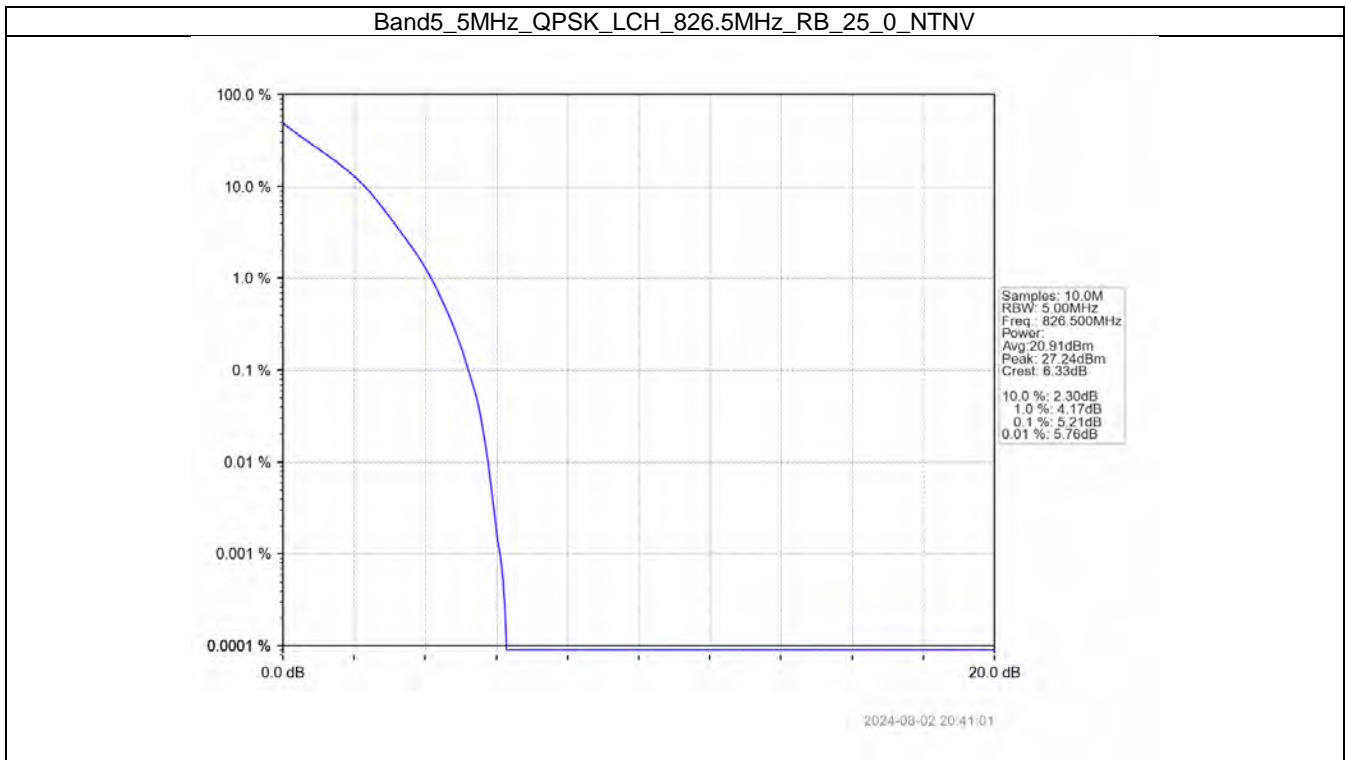
2024-08-02 20:39:53

Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV

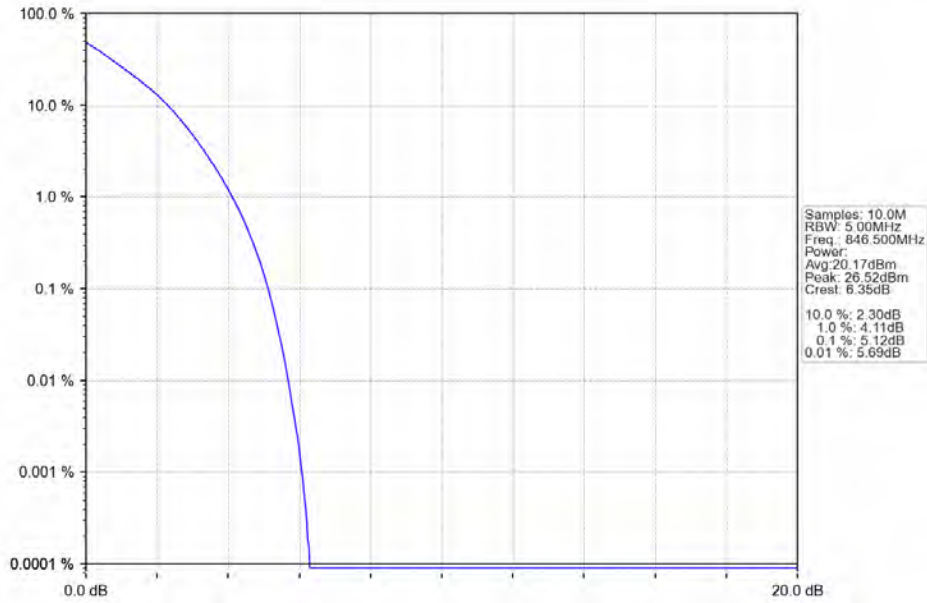


2024-08-02 20:40:22

5.2.3 B5_5MHz

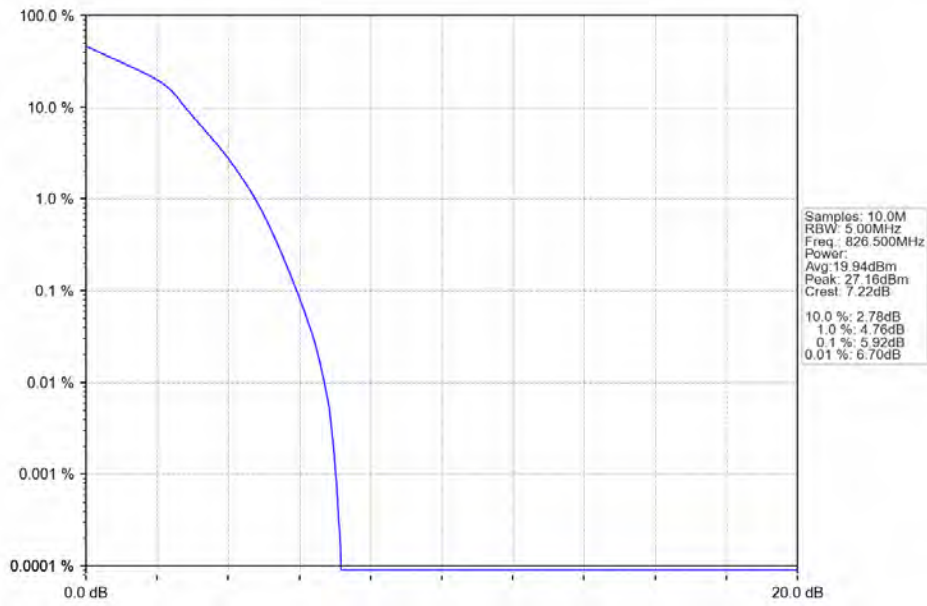


Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



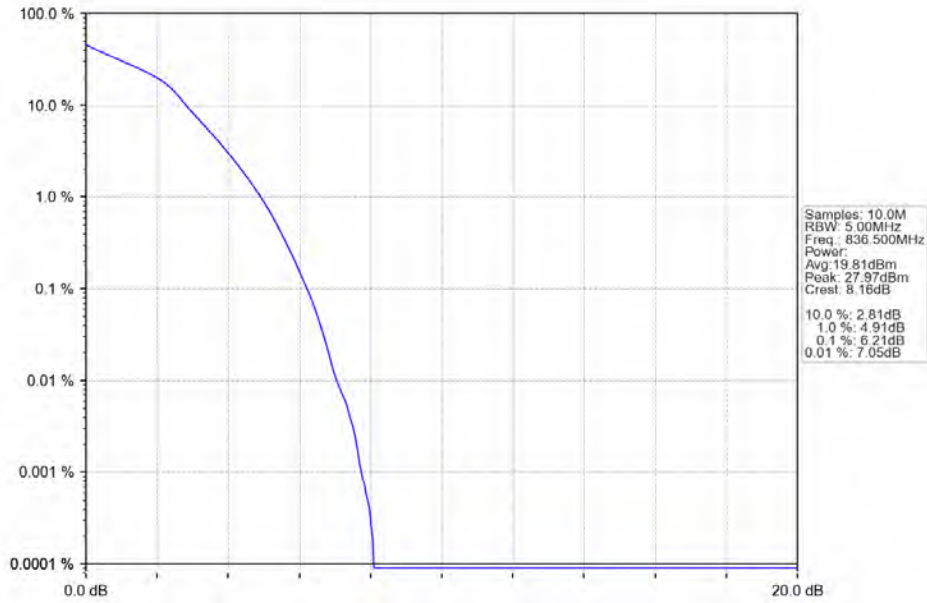
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Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



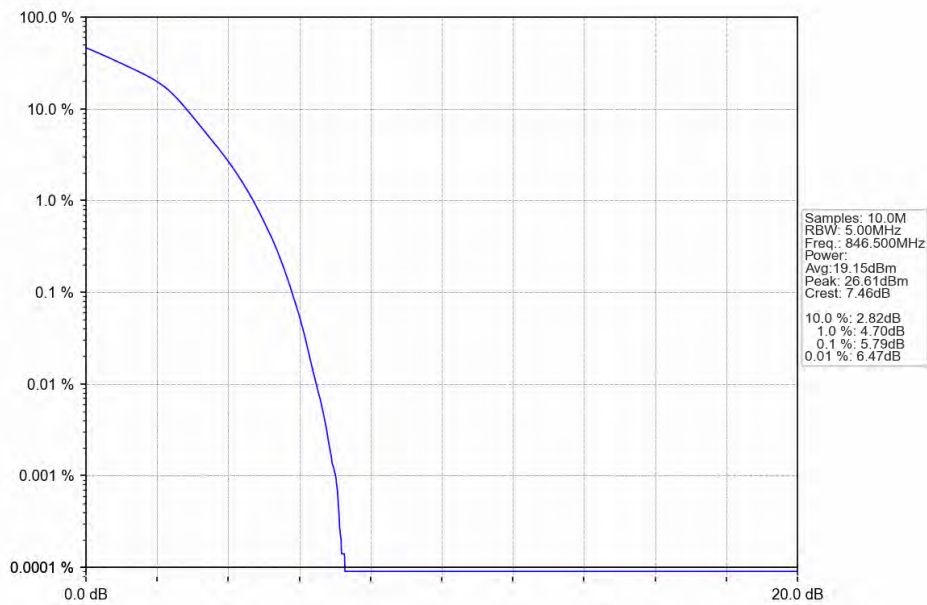
2024-08-02 20:41:15

Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



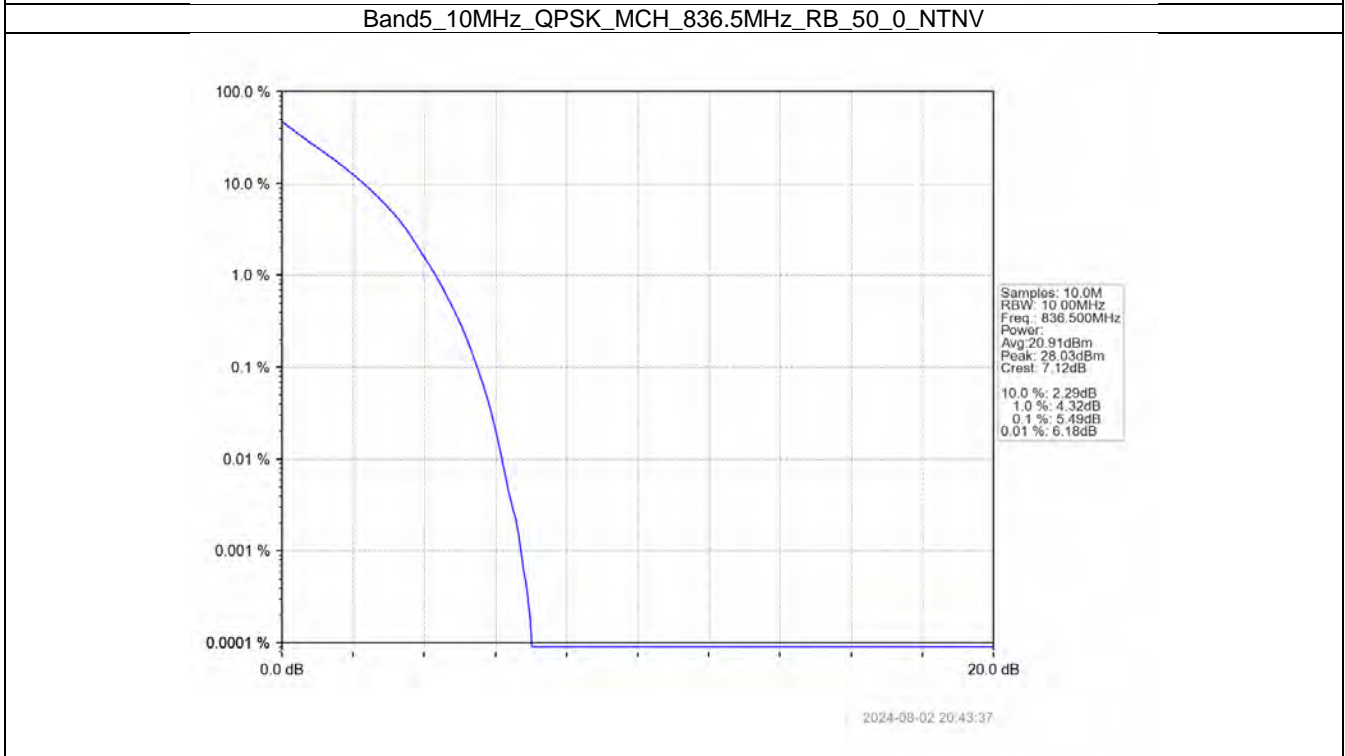
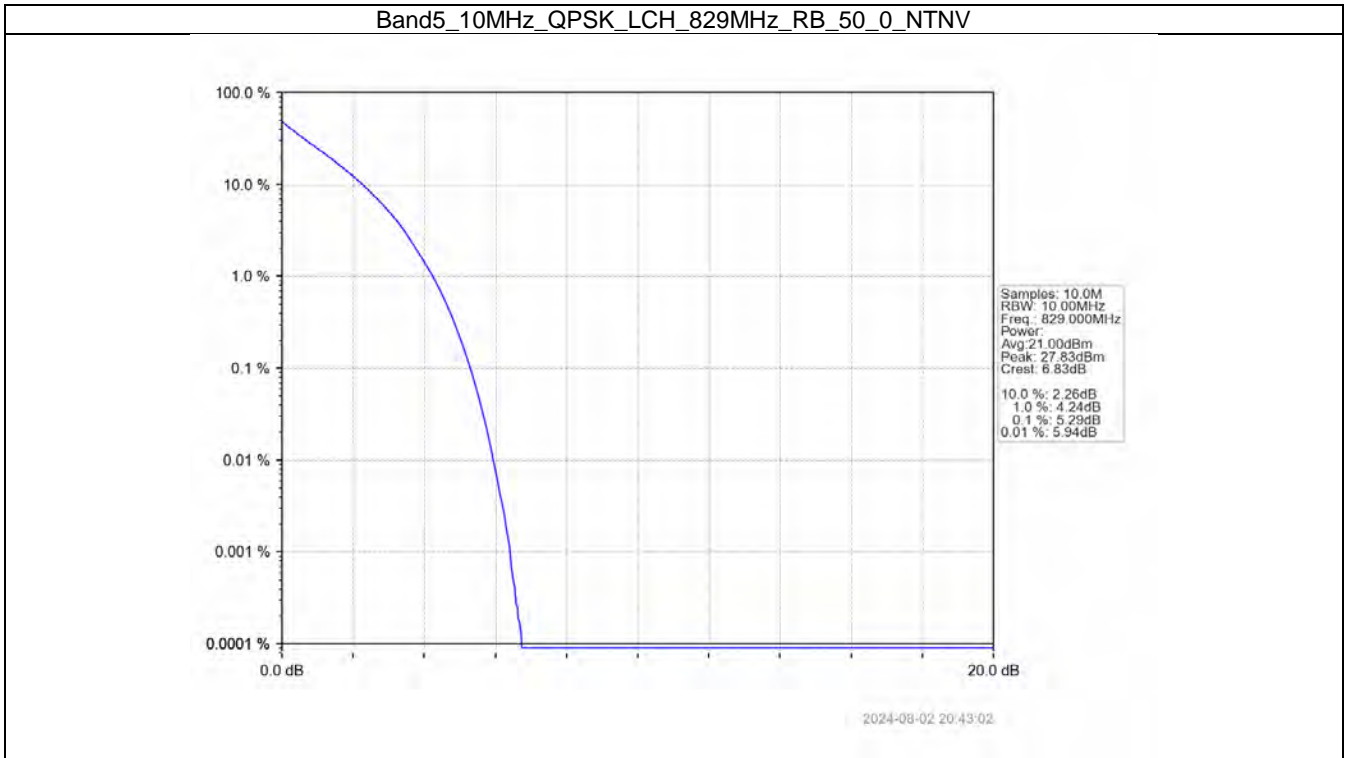
2024-08-02 20:41:47

Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV

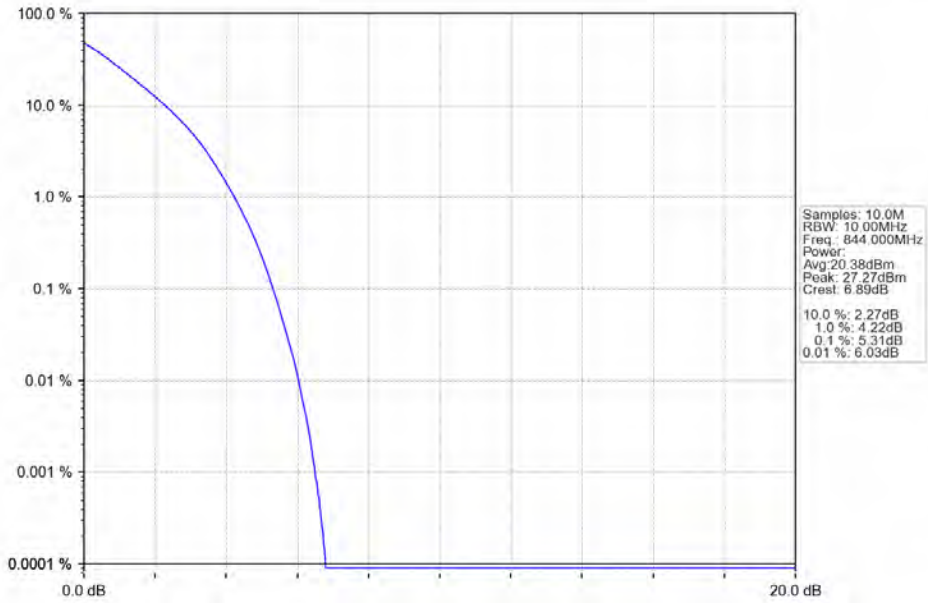


2024-08-02 20:42:18

5.2.4 B5_10MHz

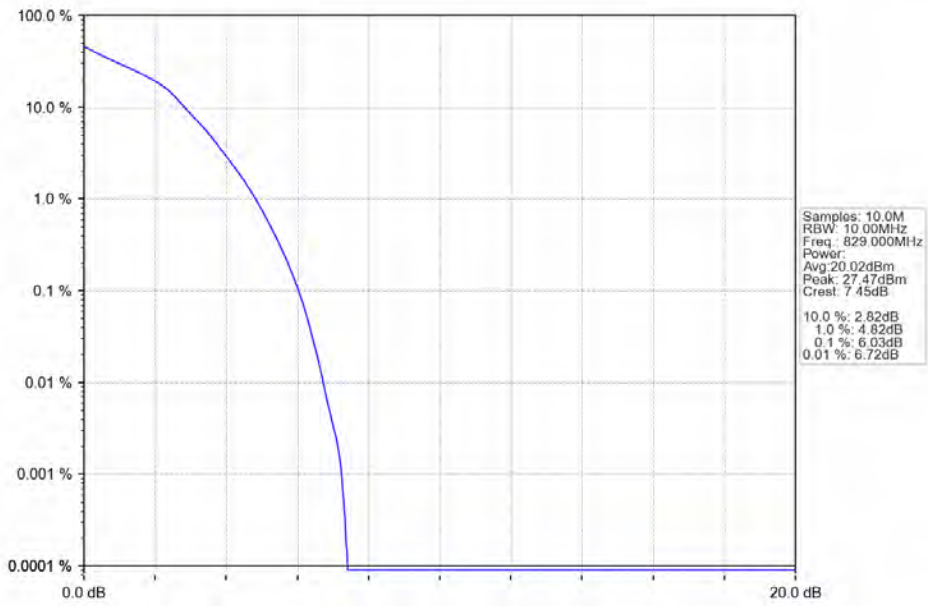


Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



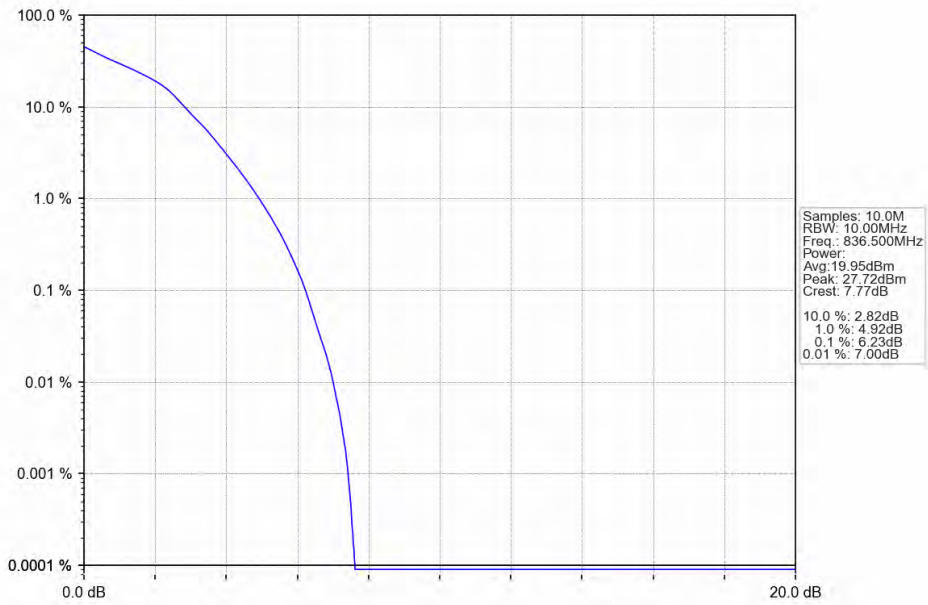
2024-08-02 20:44:13

Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



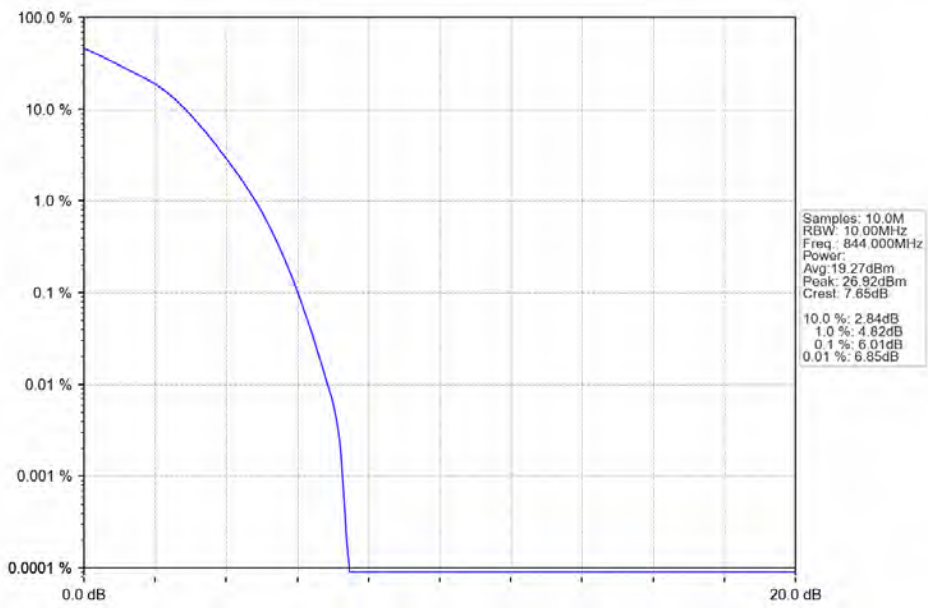
2024-08-02 20:43:18

Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



2024-08-02 20:43:53

Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



2024-08-02 20:44:29

6. Spurious Emission

6.1 Test Result

6.1.1 B5_1.4MHz

Band: 5 / Bandwidth: 1.4MHz / NTN						
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
	848.3	1	0	Refer To Test Graph		Pass
		1	5	Refer To Test Graph		Pass
		6	0	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
	848.3	1	0	Refer To Test Graph		Pass
		1	5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass

6.1.2 B5_3MHz

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	14	Refer To Test Graph		Pass
		15	0	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	14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass

6.1.3 B5_5MHz

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
	846.5	1	0	Refer To Test Graph		Pass
		1	24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
16QAM	826.5	1	0	Refer To Test Graph		Pass

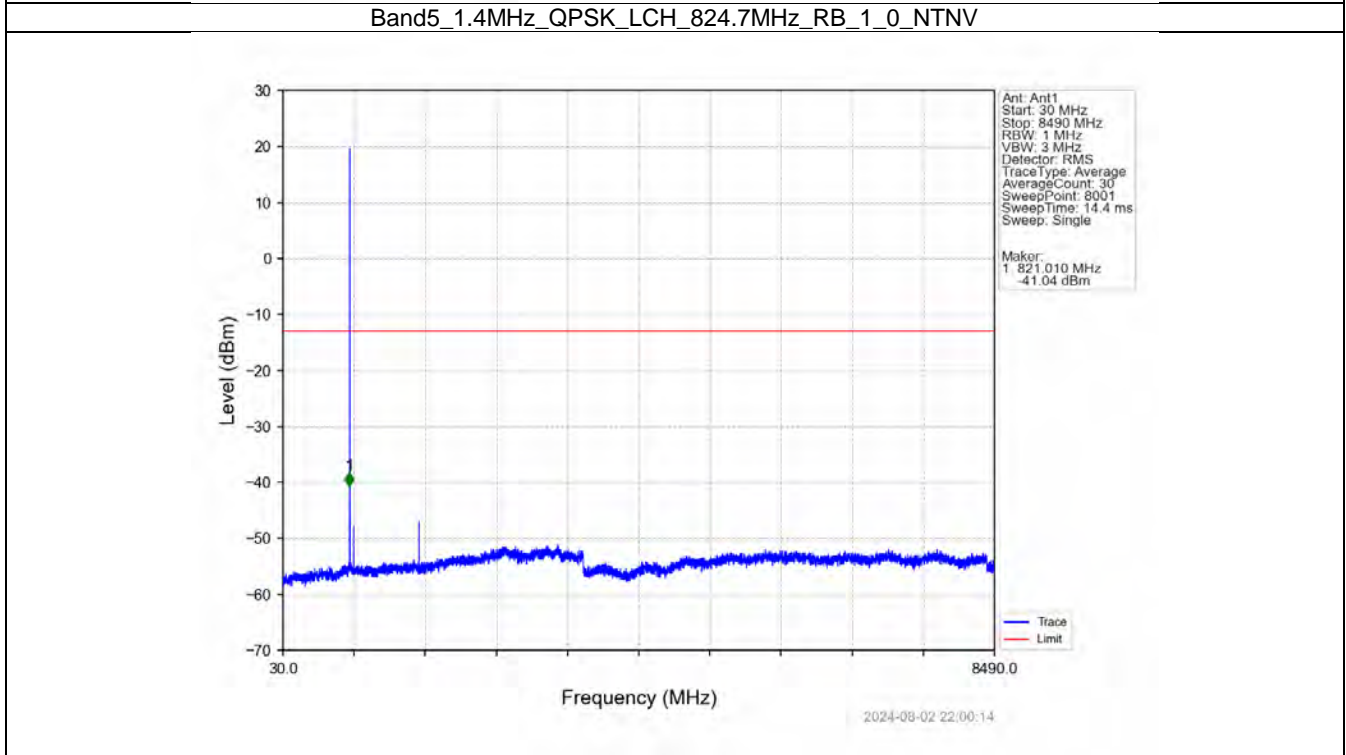
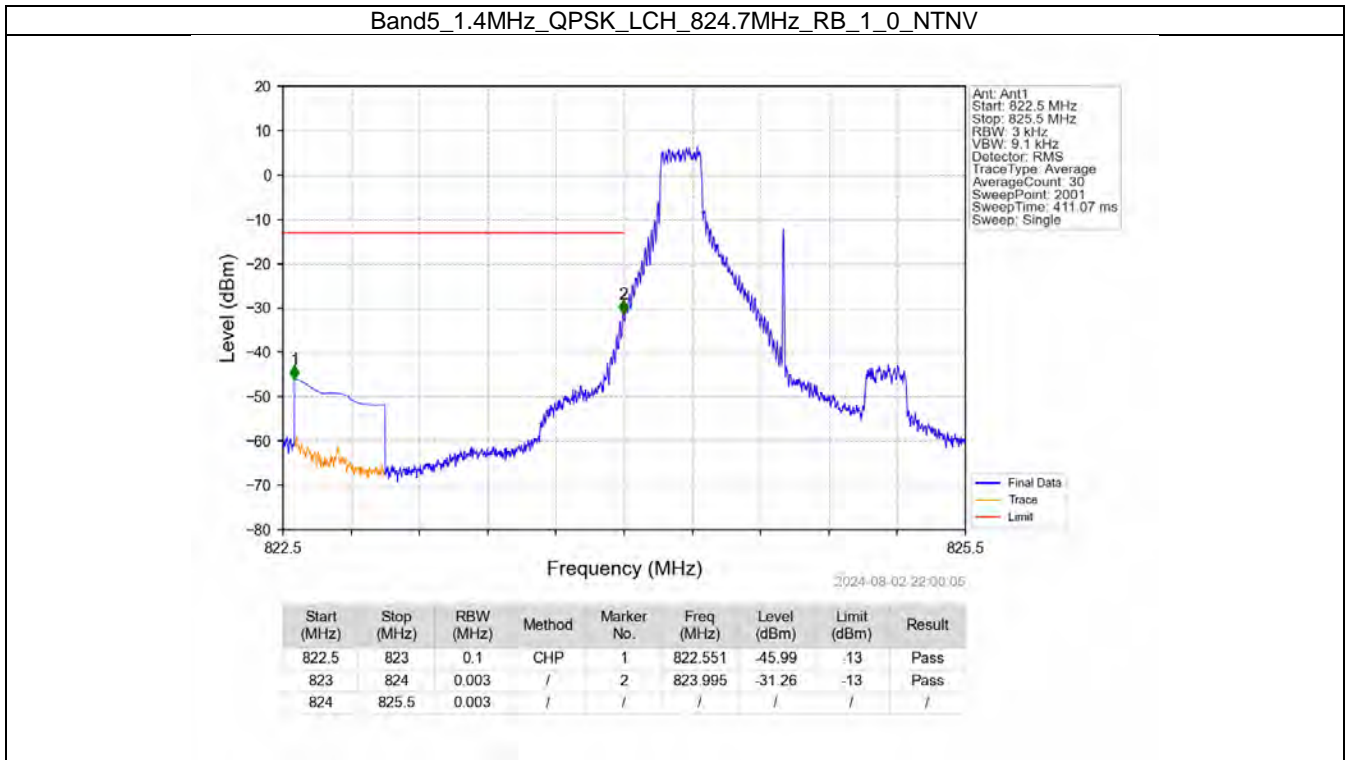
		25	0	Refer To Test Graph	Pass
	836.5	1	0	Refer To Test Graph	Pass
	846.5	1	0	Refer To Test Graph	Pass
			24	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass

6.1.4 B5_10MHz

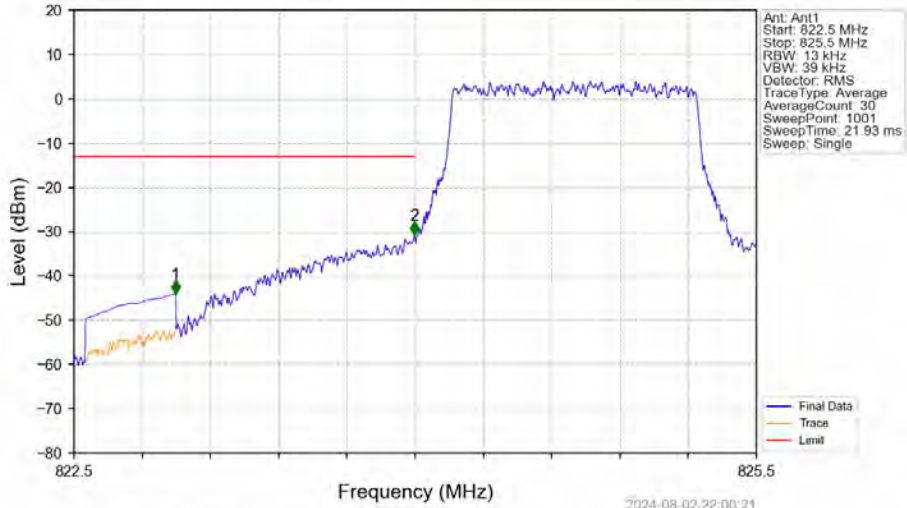
Band: 5 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	829	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
	844		1	49	Refer To Test Graph	
		50		0	Refer To Test Graph	
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
		1	0	Refer To Test Graph		Pass
	844		1	49	Refer To Test Graph	
		50		0	Refer To Test Graph	

6.2 Test Graph

6.2.1 B5_1.4MHz



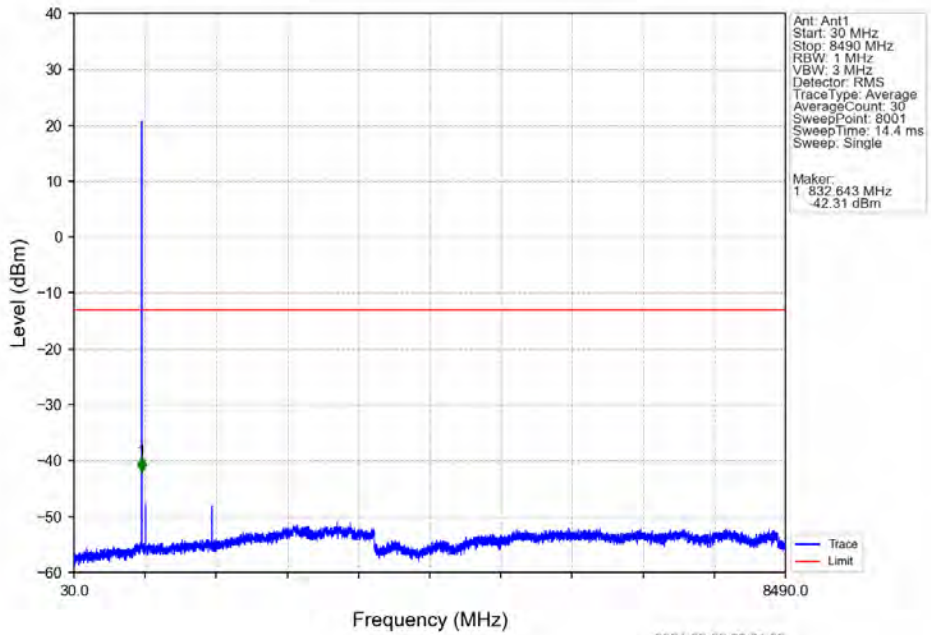
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	823	0.1	CHP	1	822.947	-44.08	-13	Pass
823	824	0.013	/	2	823.997	-30.72	-13	Pass
824	825.5	0.013	/	/	/	/	/	/

2024-08-02 22:00:21

Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV

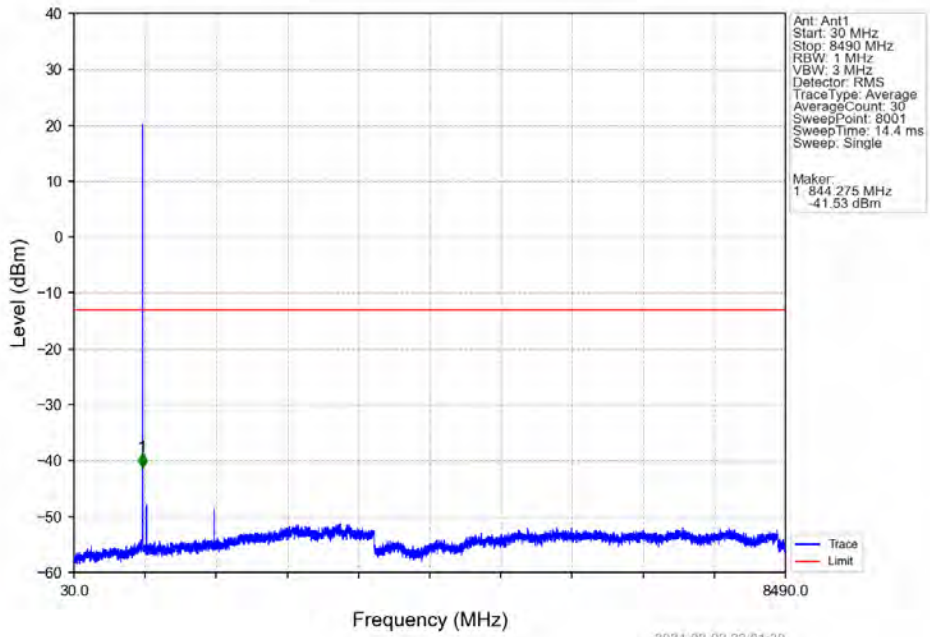


Ant: Ant1
 Start: 830 MHz
 Stop: 8490 MHz
 RBW: 1 MHz
 VBW: 3 MHz
 Detector: RMS
 Trace Type: Average
 AverageCount: 30
 SweepPoint: 8001
 SweepTime: 14.4 ms
 Sweep: Single

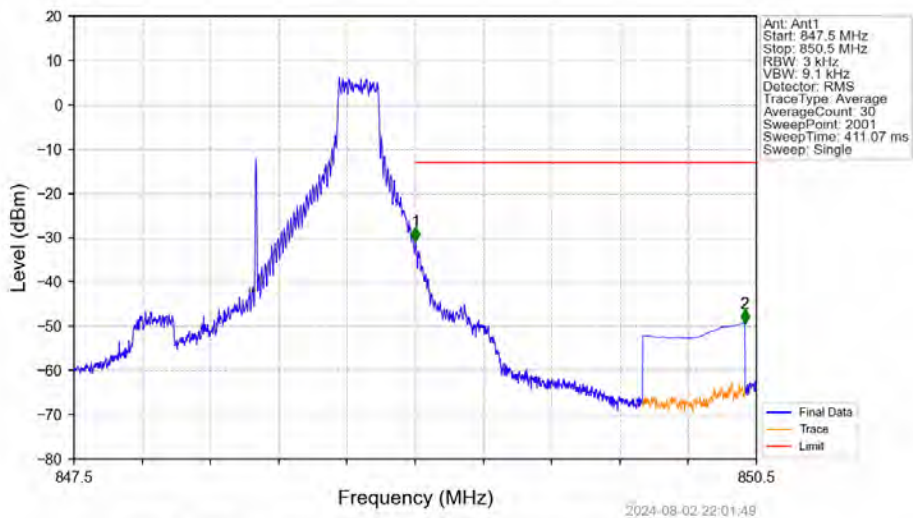
Marker:
 1 832.643 MHz
 -42.31 dBm

2024-08-02 22:01:09

Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_1_0_NTNV

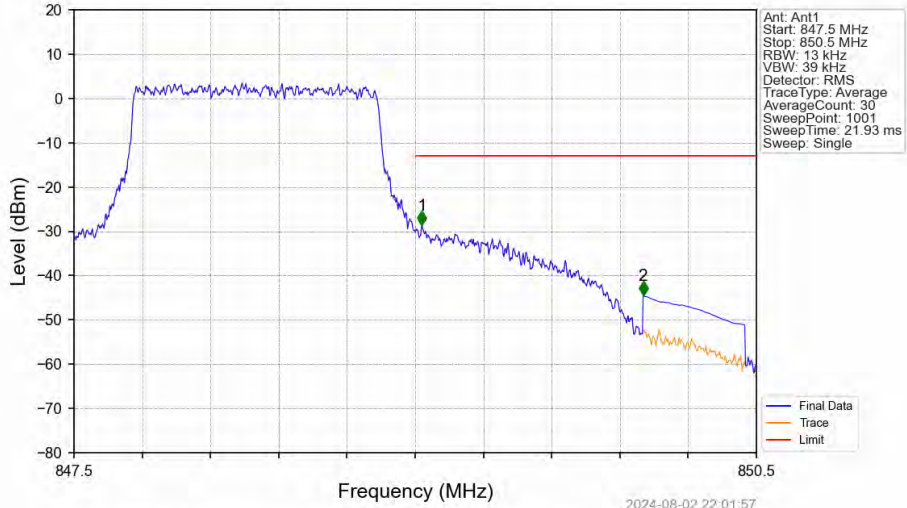


Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_1_5_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
847.5	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.001	-30.73	-13	Pass
850	850.5	0.1	CHP	2	850.449	-49.35	-13	Pass

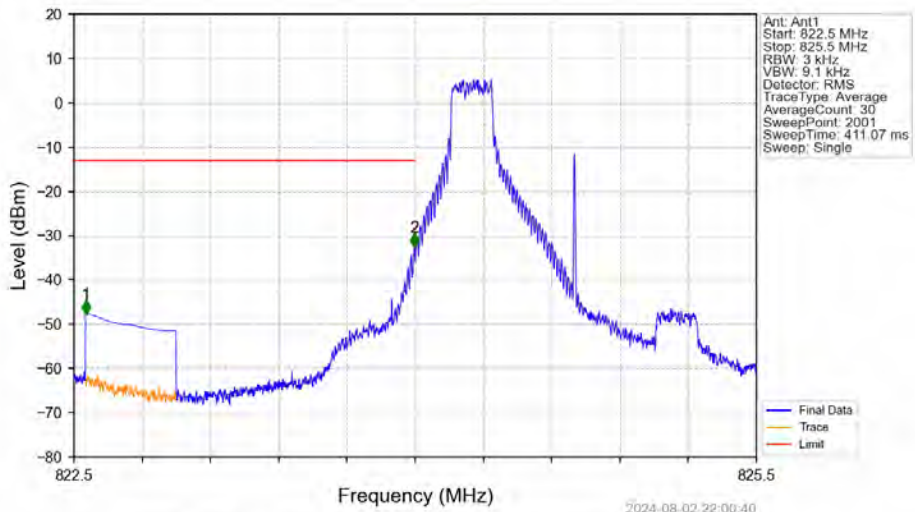
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
847.5	849	0.013	/	/	/	/	/	/
849	850	0.013	/	1	849.030	-28.60	-13	Pass
850	850.5	0.1	CHP	2	850.002	-44.42	-13	Pass

2024-08-02 22:01:57

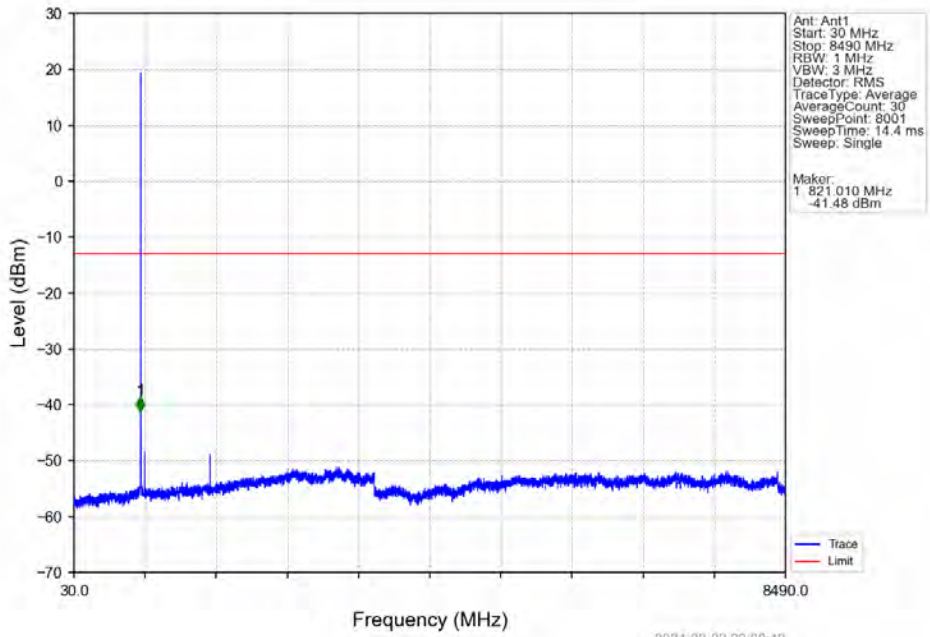
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_1_0_NTNV



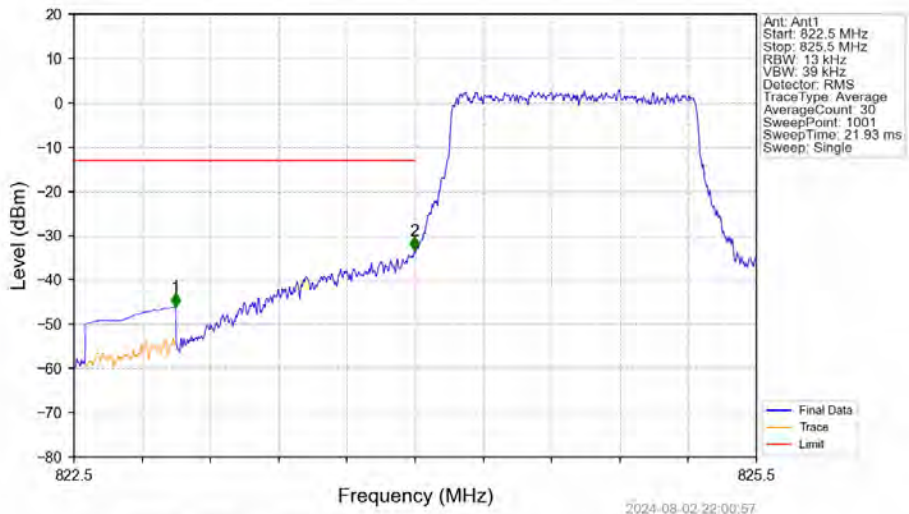
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	823	0.1	CHP	1	822.553	-47.65	-13	Pass
823	824	0.003	/	2	823.997	-32.51	-13	Pass
824	825.5	0.003	/	/	/	/	/	/

2024-08-02 22:00:40

Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_1_0_NTNV

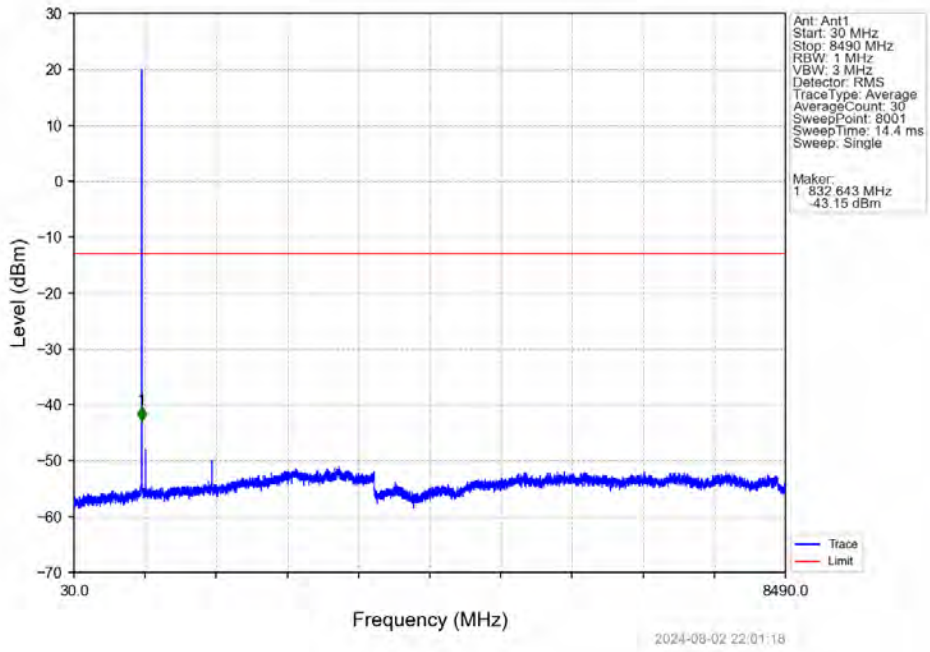


Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV

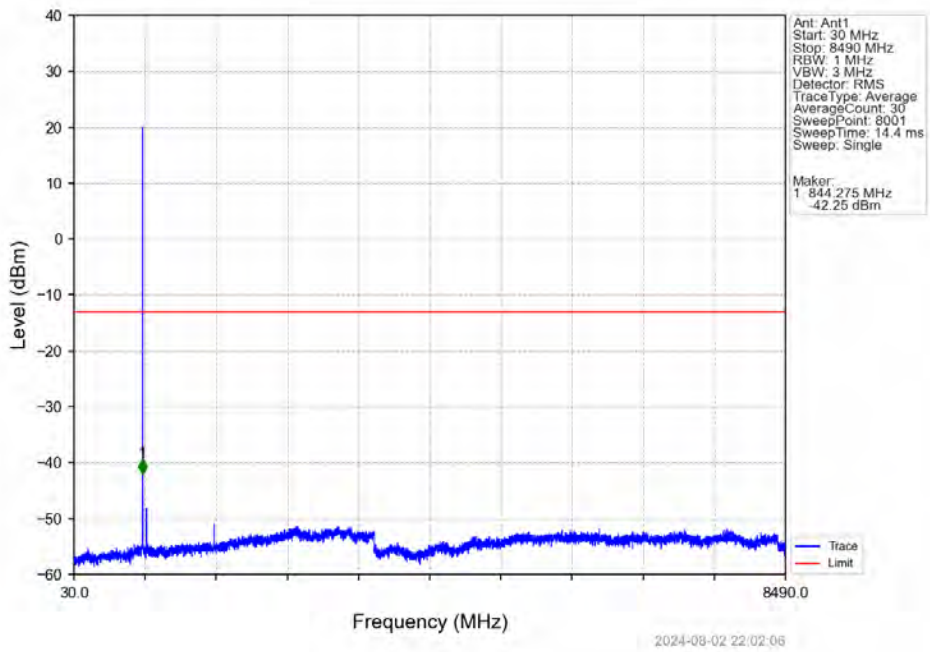


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	823	0.1	CHP	1	822.947	-46.04	-13	Pass
823	824	0.013	/	2	823.997	-33.23	-13	Pass
824	825.5	0.013	/	/	/	/	/	/

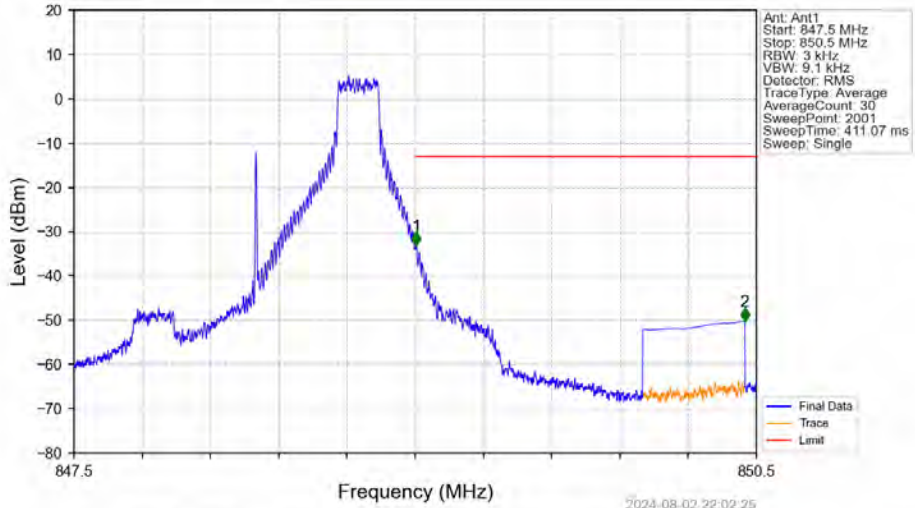
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_1_0_NTNV

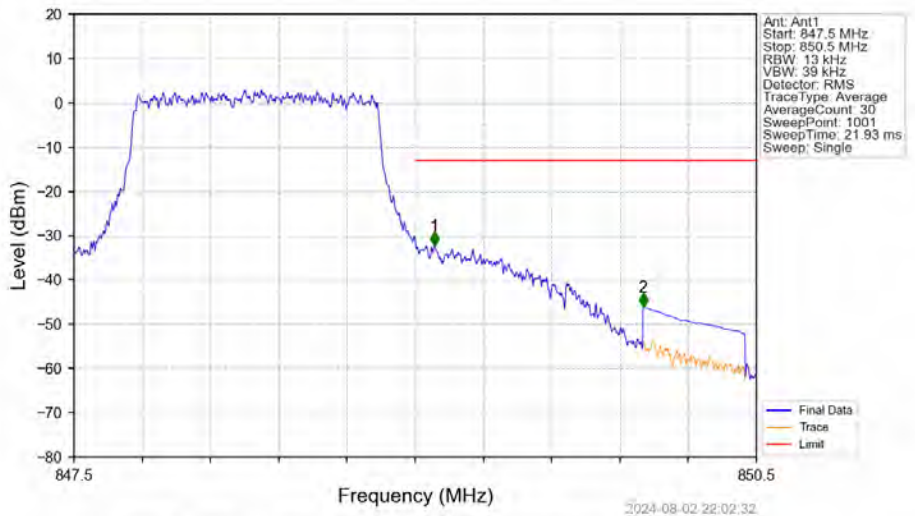


Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_1_5_NTV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
847.5	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.005	-33.10	-13	Pass
850	850.5	0.1	CHP	2	850.449	-50.29	-13	Pass

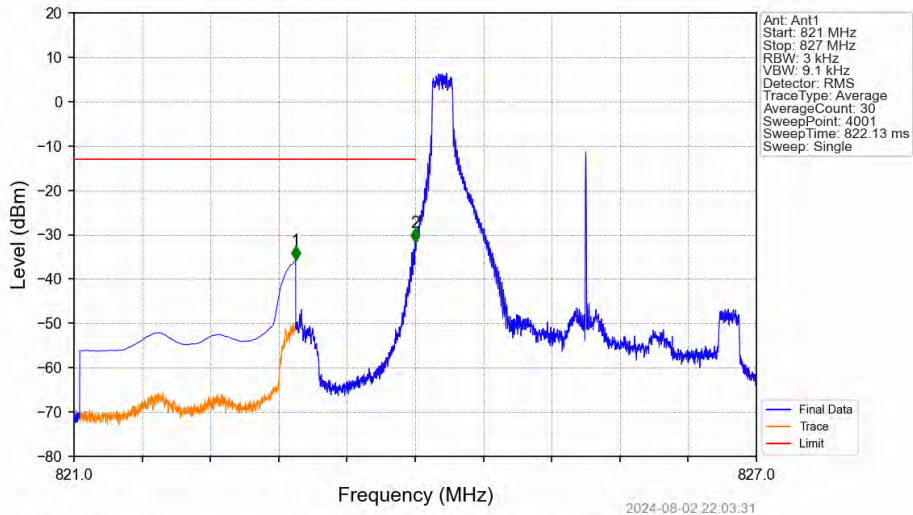
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
847.5	849	0.013	/	/	/	/	/	/
849	850	0.013	/	1	849.084	-32.24	-13	Pass
850	850.5	0.1	CHP	2	850.002	-46.14	-13	Pass

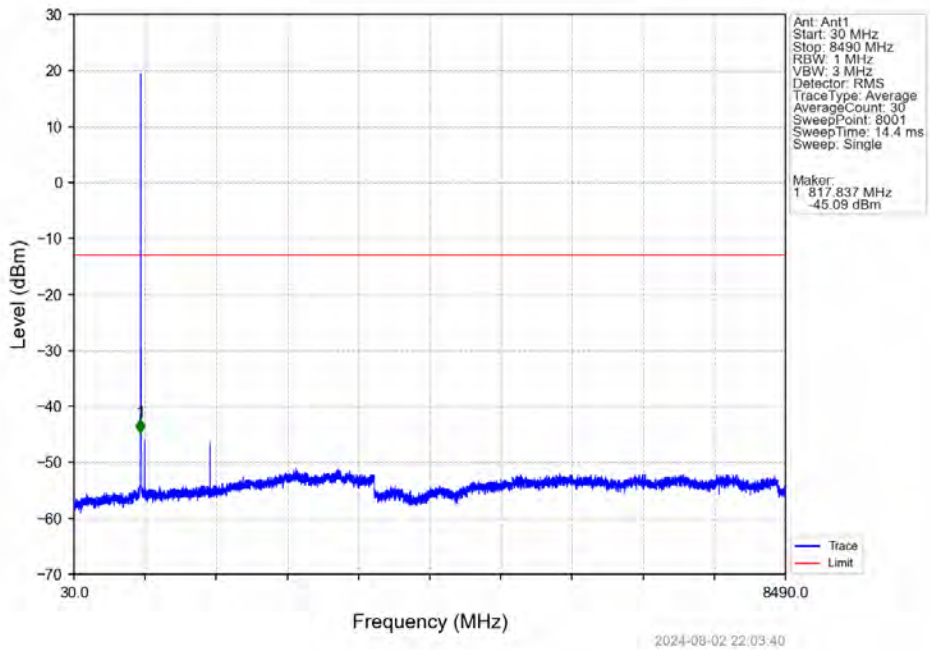
6.2.2 B5_3MHz

Band5_3MHz_QPSK_LCH_825.5MHz_RB_1_0_NTNV

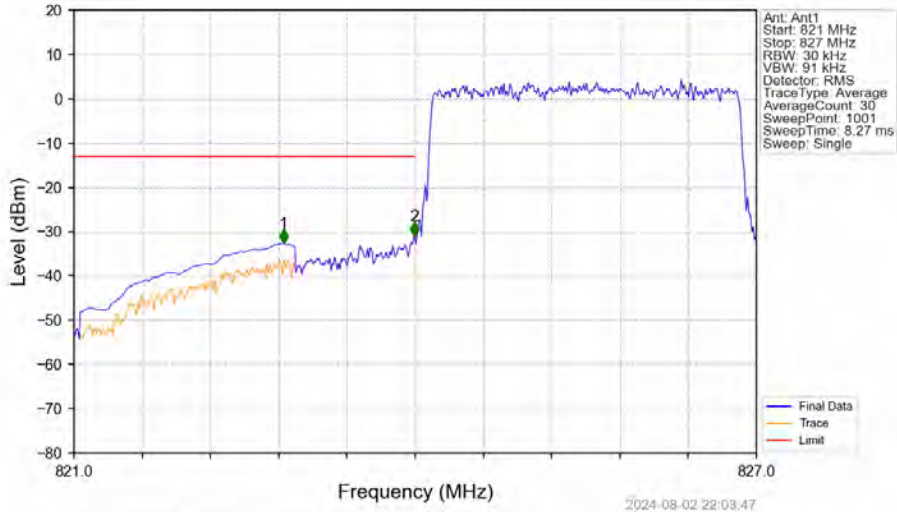


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.948	-35.68	-13	Pass
823	824	0.003	/	2	823.999	-31.71	-13	Pass
824	827	0.003	/	/	/	/	/	/

Band5_3MHz_QPSK_LCH_825.5MHz_RB_1_0_NTNV

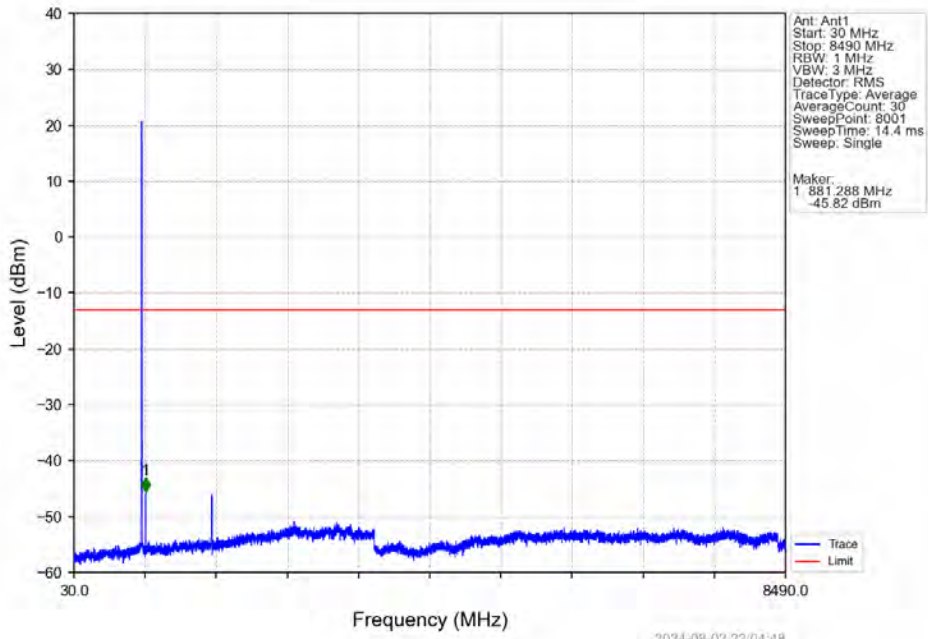


Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV

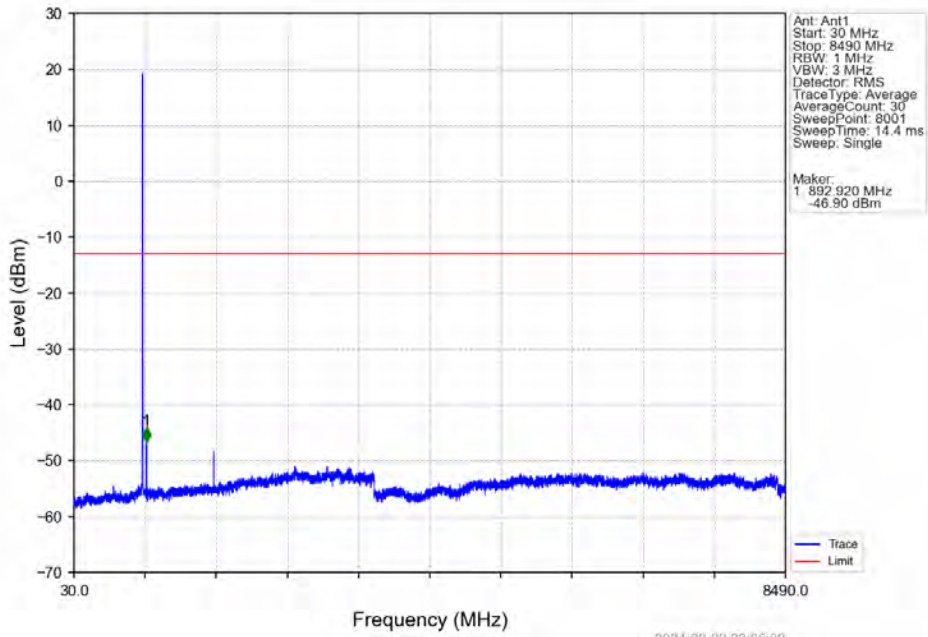


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.842	-32.59	-13	Pass
823	824	0.03	/	2	823.994	-30.88	-13	Pass
824	827	0.03	/	/	/	/	/	/

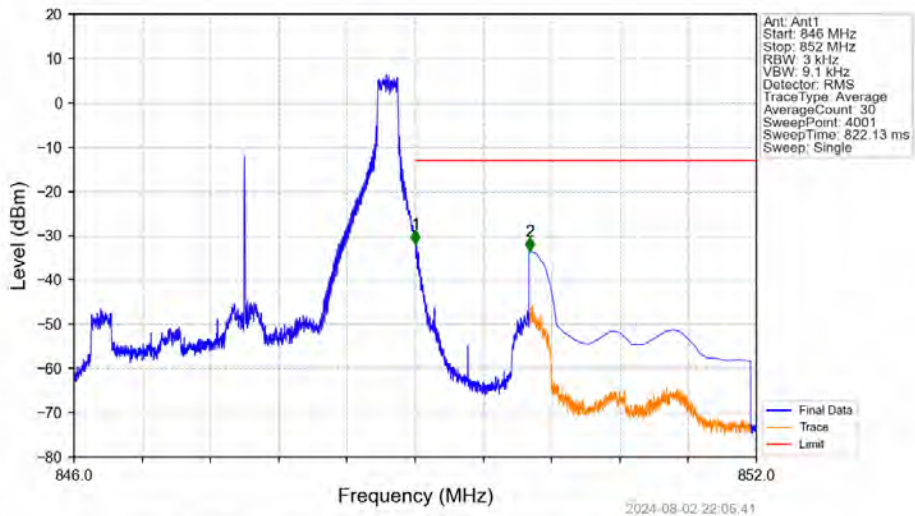
Band5_3MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_0_NTNV

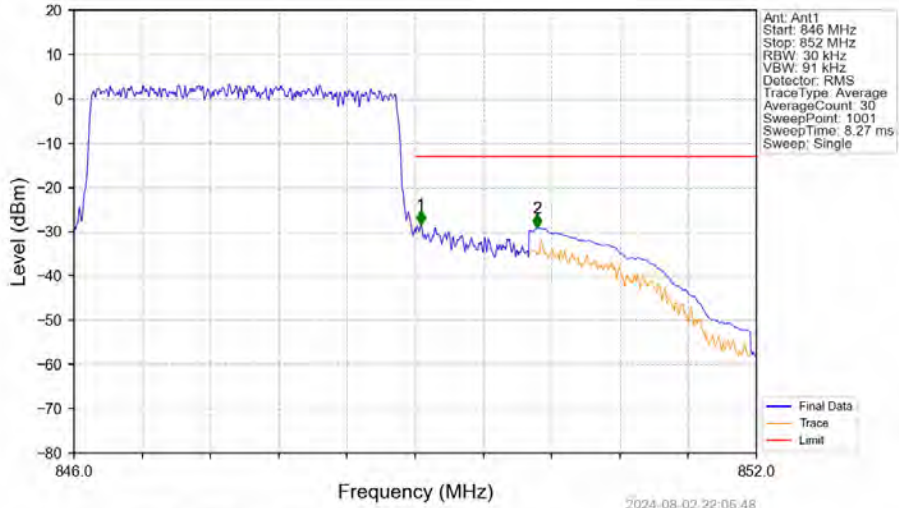


Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_14_NTNV



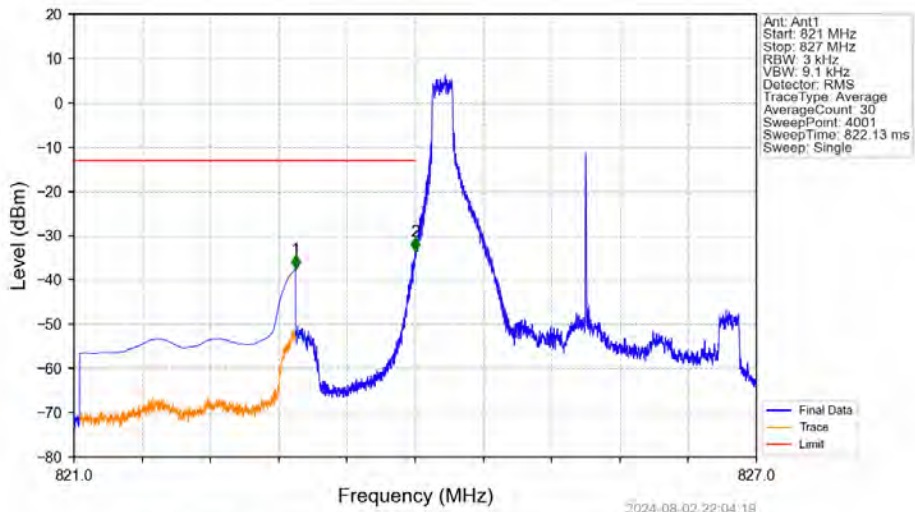
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.003	-31.79	-13	Pass
850	852	0.1	CHP	2	850.005	-33.52	-13	Pass

Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



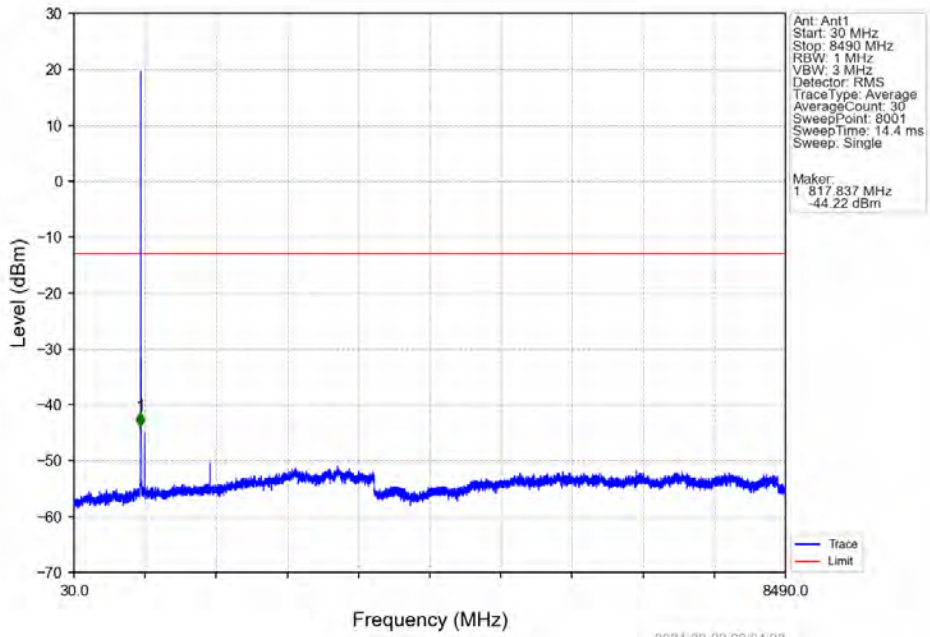
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.03	/	/	/	/	/	/
849	850	0.03	/	1	849.048	-28.33	-13	Pass
850	852	0.1	CHP	2	850.074	-29.17	-13	Pass

Band5_3MHz_16QAM_LCH_825.5MHz_RB_1_0_NTNV

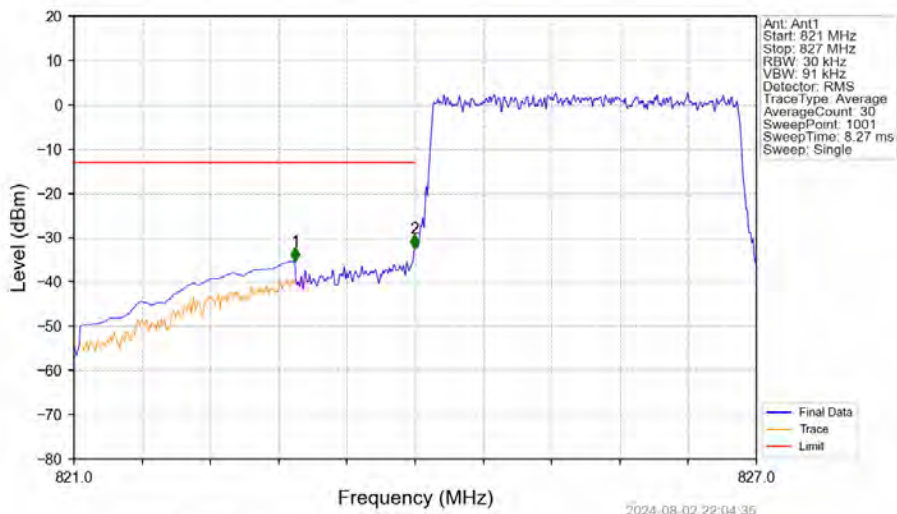


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.948	-37.55	-13	Pass
823	824	0.003	/	2	823.999	-33.54	-13	Pass
824	827	0.003	/	/	/	/	/	/

Band5_3MHz_16QAM_LCH_825.5MHz_RB_1_0_NTNV

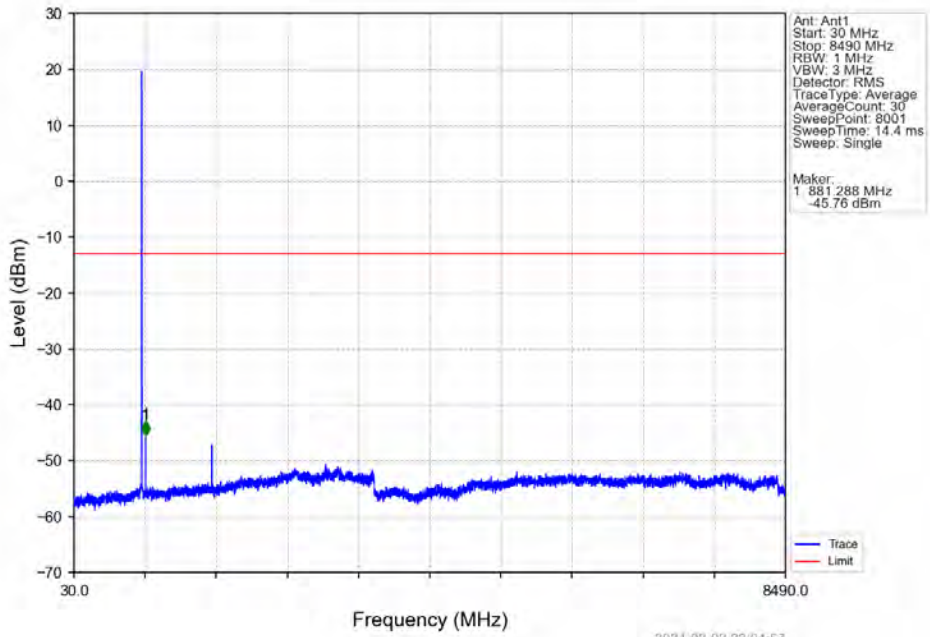


Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV

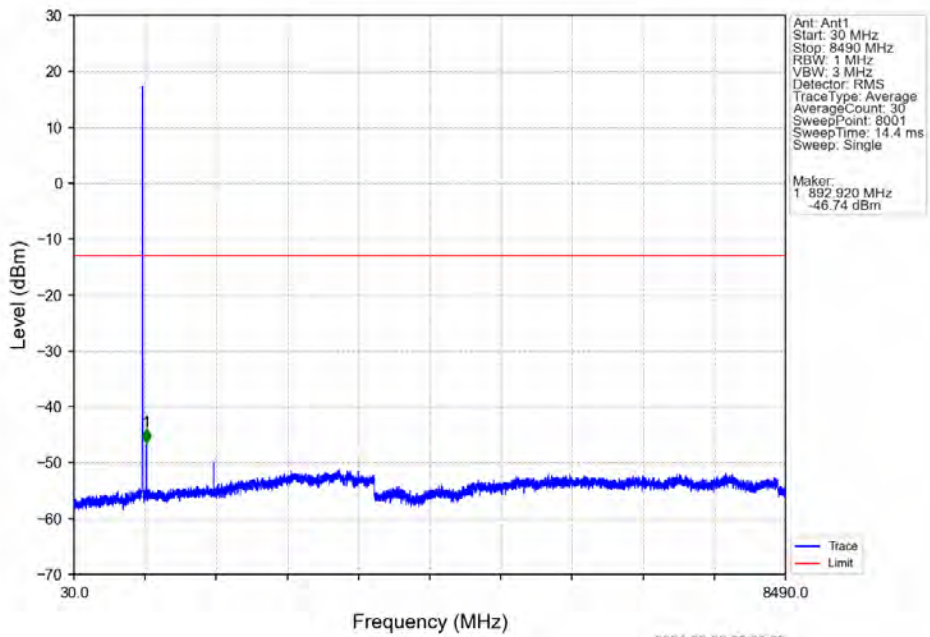


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.944	-35.30	-13	Pass
823	824	0.03	/	2	823.994	-32.34	-13	Pass
824	827	0.03	/	/	/	/	/	/

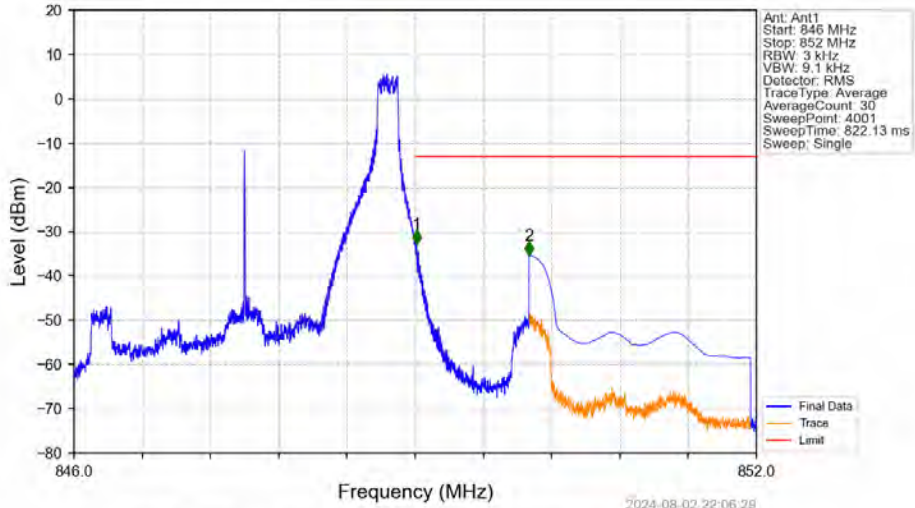
Band5_3MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



Band5_3MHz_16QAM_HCH_847.5MHz_RB_1_0_NTNV

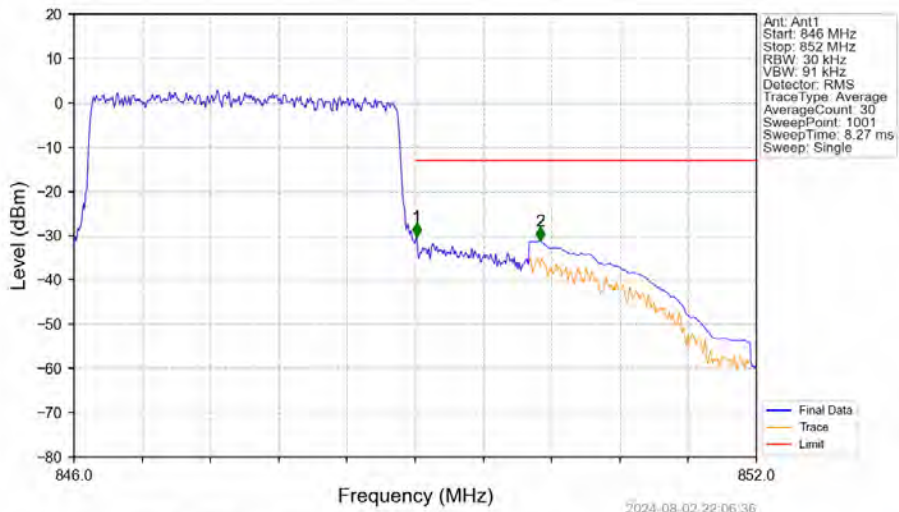


Band5_3MHz_16QAM_HCH_847.5MHz_RB_1_14_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.012	-32.80	-13	Pass
850	852	0.1	CHP	2	850.002	-35.31	-13	Pass

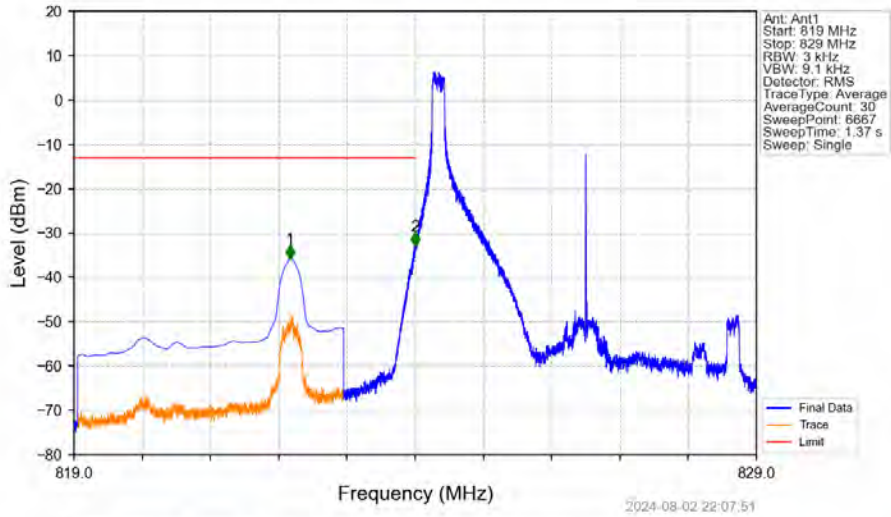
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.03	/	/	/	/	/	/
849	850	0.03	/	1	849.012	-30.24	-13	Pass
850	852	0.1	CHP	2	850.098	-31.20	-13	Pass

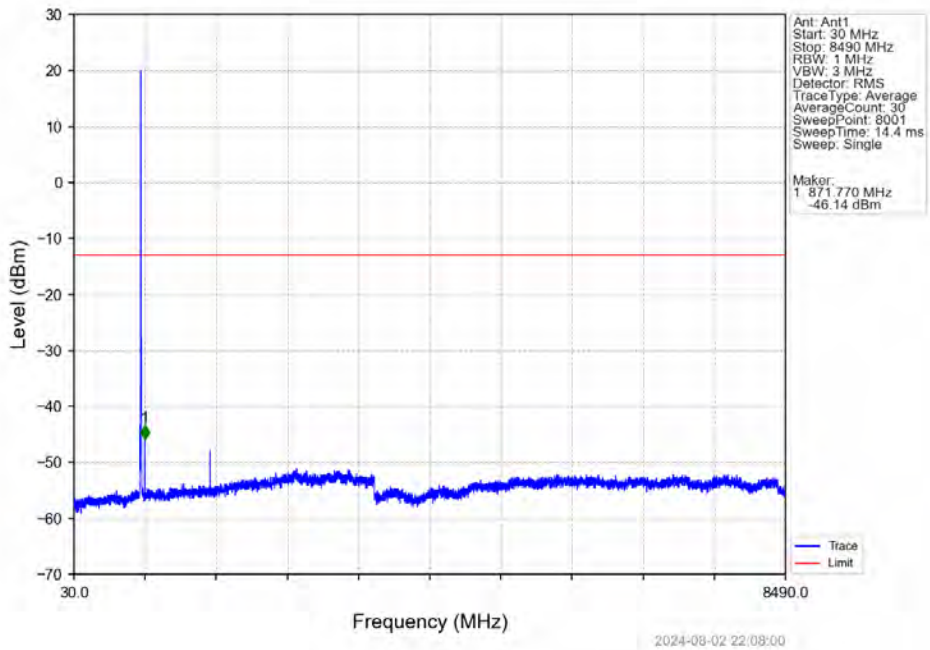
6.2.3 B5_5MHz

Band5_5MHz_QPSK_LCH_826.5MHz_RB_1_0_NTNV

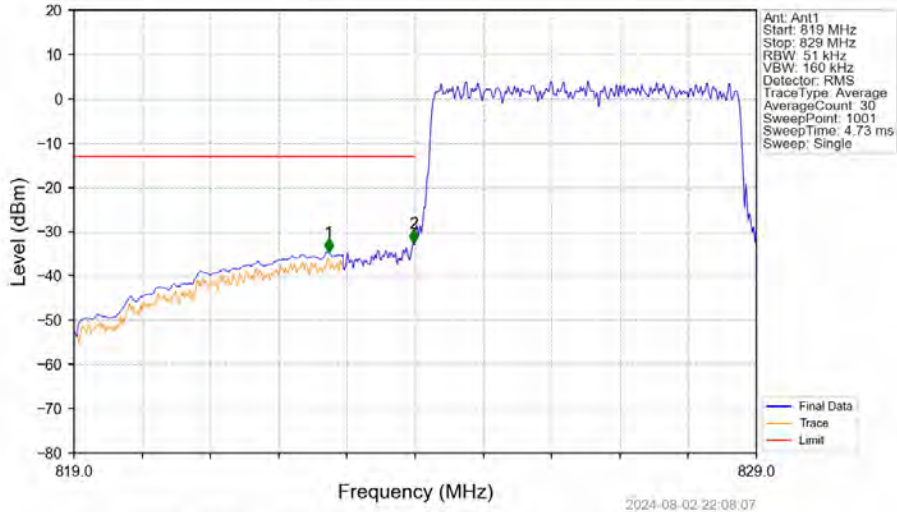


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.164	-35.82	-13	Pass
823	824	0.003	/	2	823.999	-32.87	-13	Pass
824	829	0.003	/	/	/	/	/	/

Band5_5MHz_QPSK_LCH_826.5MHz_RB_1_0_NTNV

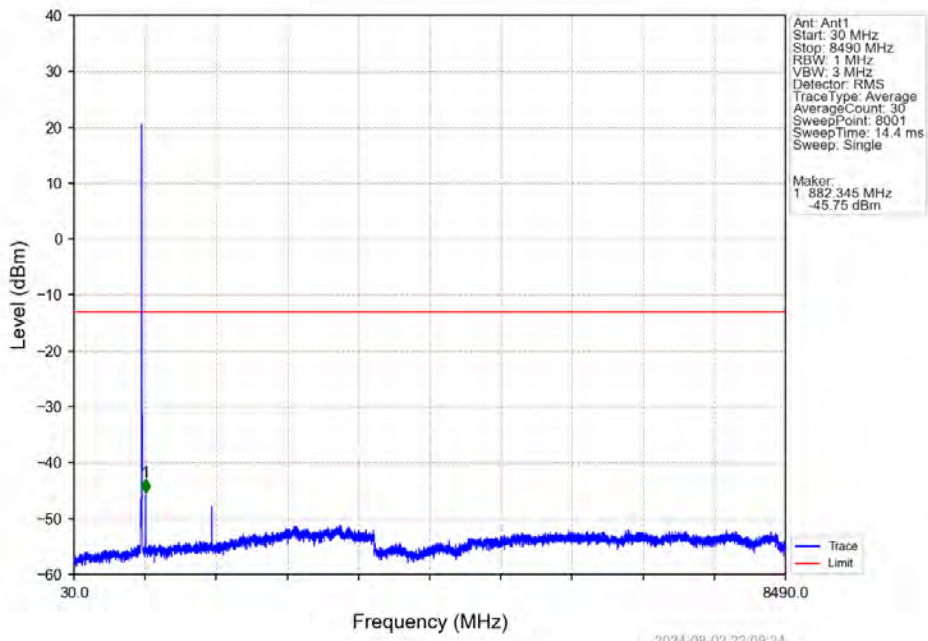


Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV

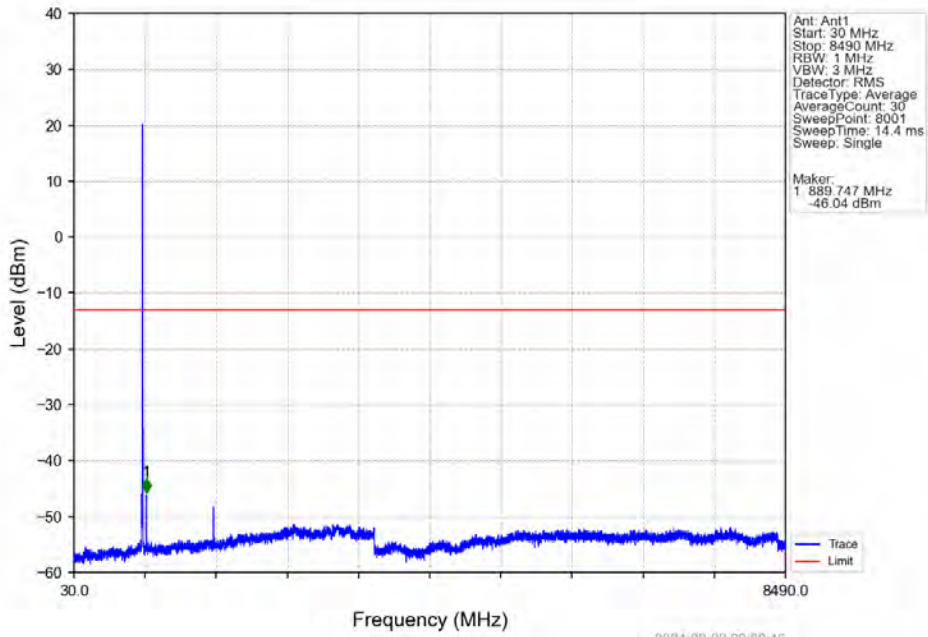


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.730	-34.61	-13	Pass
823	824	0.051	/	2	823.980	-32.50	-13	Pass
824	829	0.051	/	/	/	/	/	/

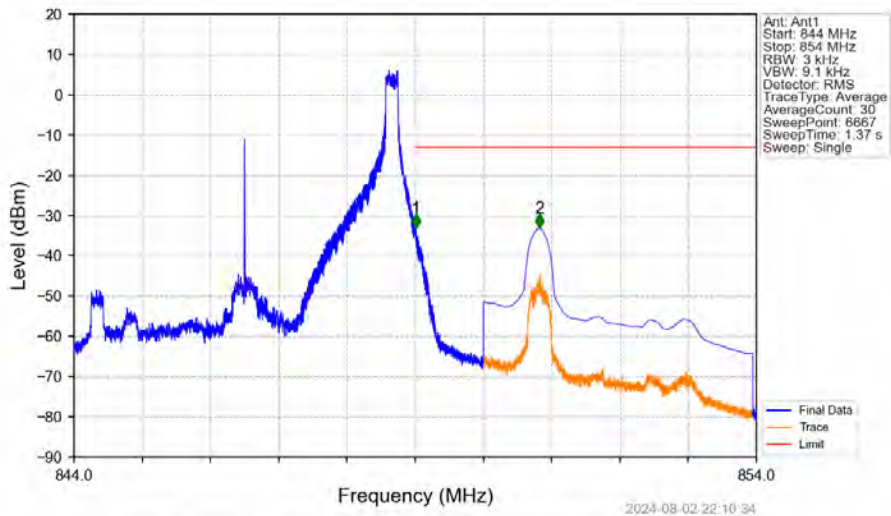
Band5_5MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_0_NTNV

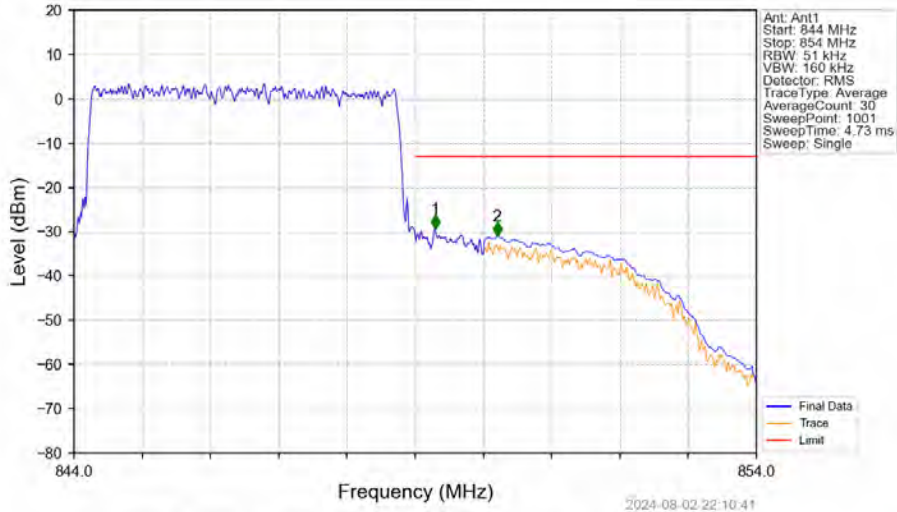


Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_24_NTNV



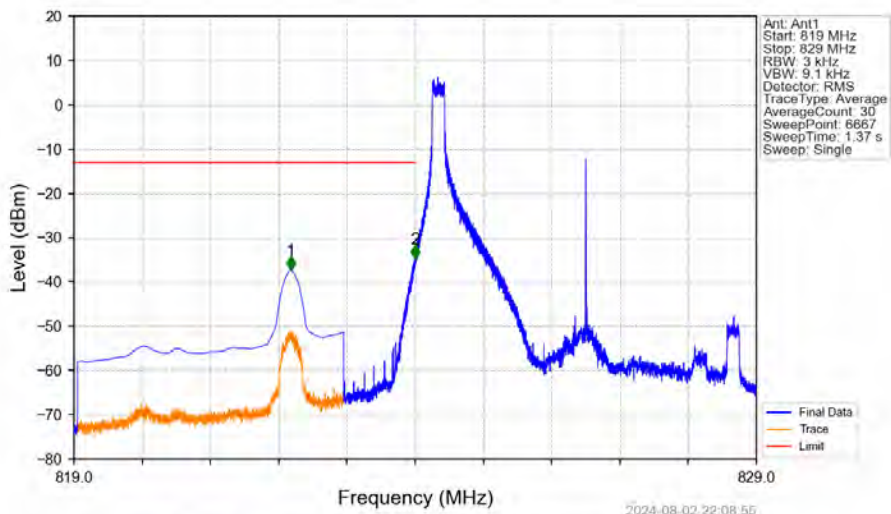
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.009	-32.98	-13	Pass
850	854	0.1	CHP	2	850.818	-33.11	-13	Pass

Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



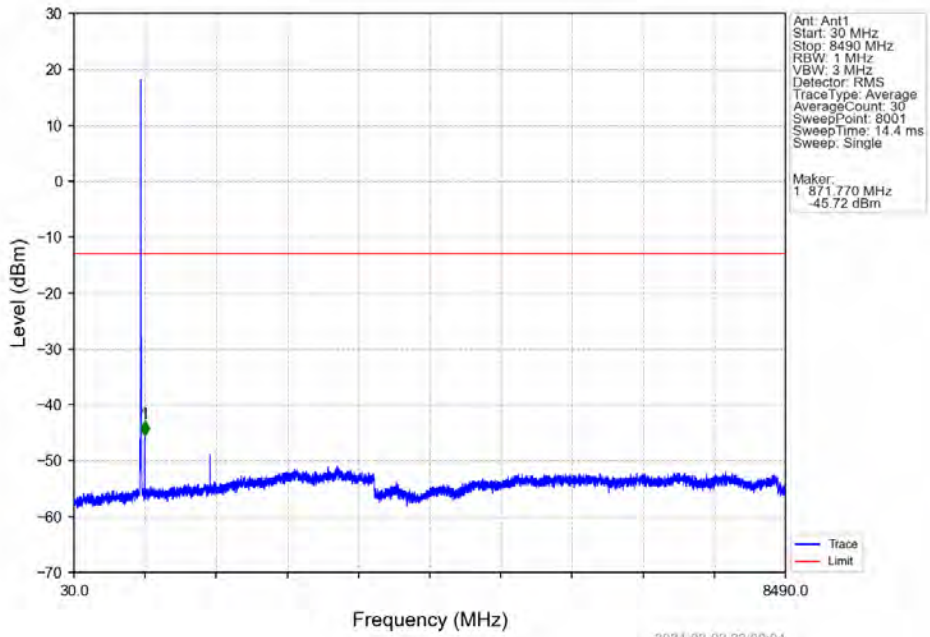
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.051	/	/	/	/	/	/
849	850	0.051	/	1	849.290	-29.23	-13	Pass
850	854	0.1	CHP	2	850.200	-31.02	-13	Pass

Band5_5MHz_16QAM_LCH_826.5MHz_RB_1_0_NTNV



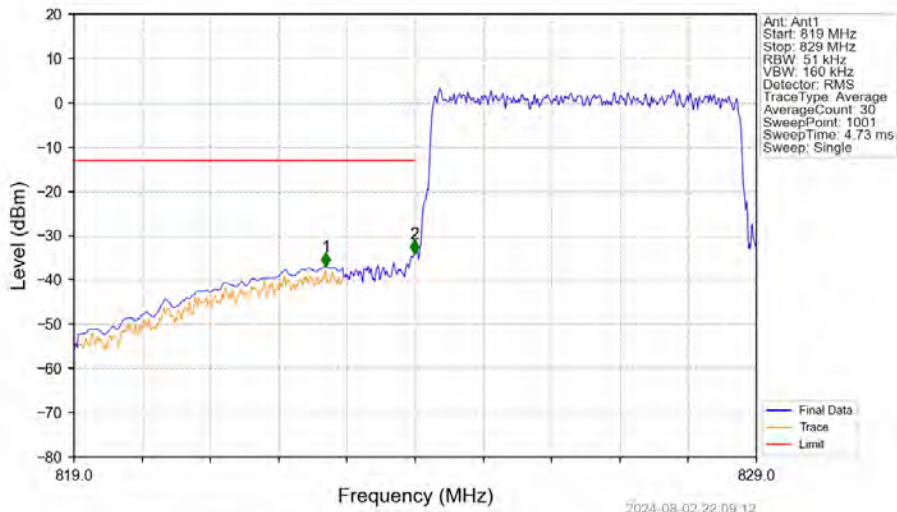
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.177	-37.40	-13	Pass
823	824	0.003	/	2	823.999	-34.71	-13	Pass
824	829	0.003	/	/	/	/	/	/

Band5_5MHz_16QAM_LCH_826.5MHz_RB_1_0_NTNV



2024-08-02 22:09:04

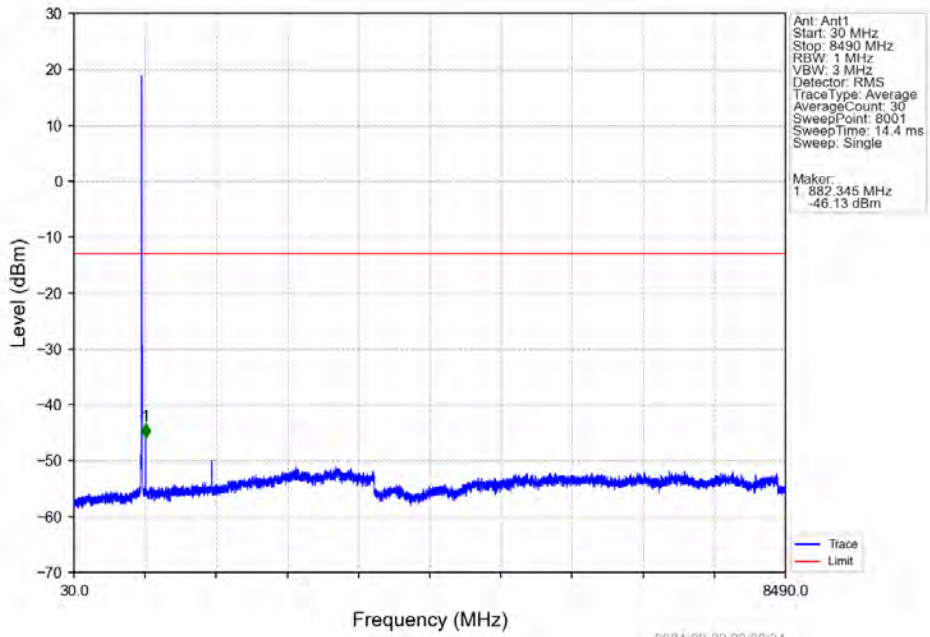
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



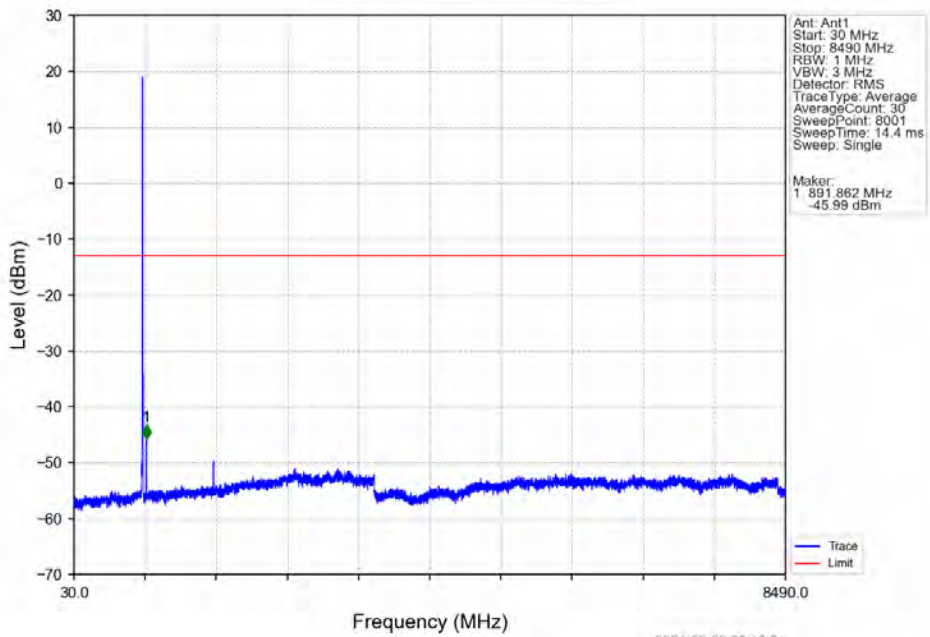
2024-08-02 22:09:12

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.690	-36.98	-13	Pass
823	824	0.051	/	2	823.990	-34.08	-13	Pass
824	829	0.051	/	/	/	/	/	/

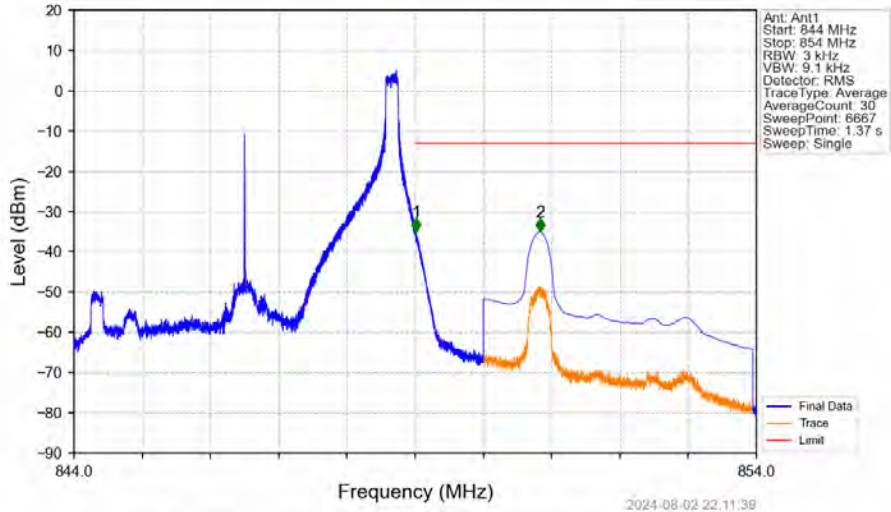
Band5_5MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



Band5_5MHz_16QAM_HCH_846.5MHz_RB_1_0_NTNV



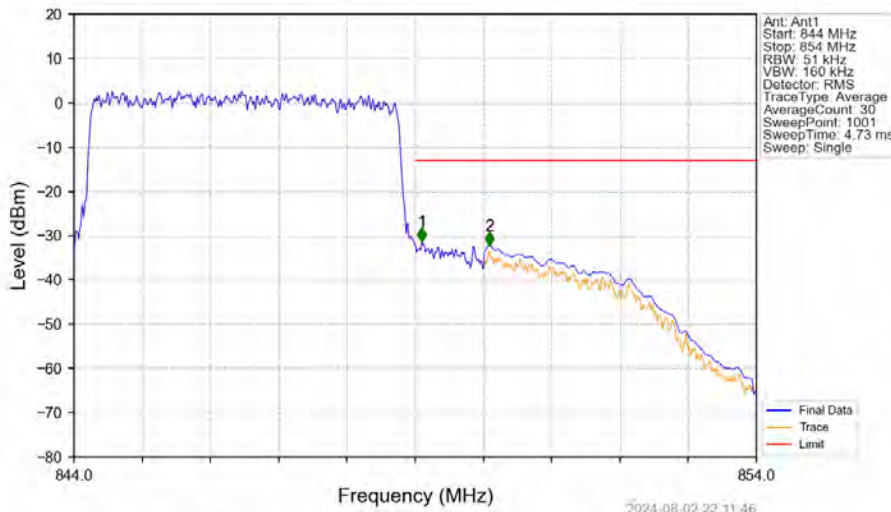
Band5_5MHz_16QAM_HCH_846.5MHz_RB_1_24_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.014	-34.97	-13	Pass
850	854	0.1	CHP	2	850.829	-35.04	-13	Pass

2024-08-02 22:11:39

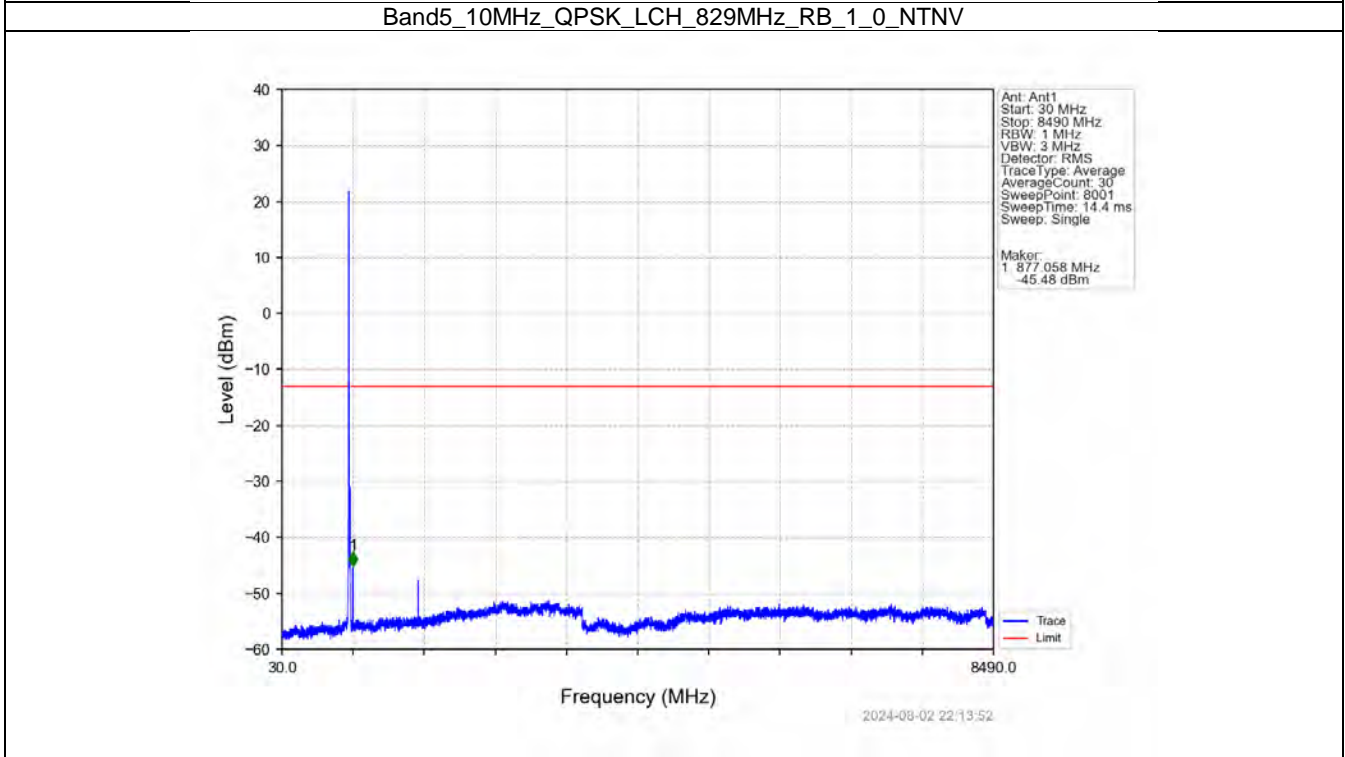
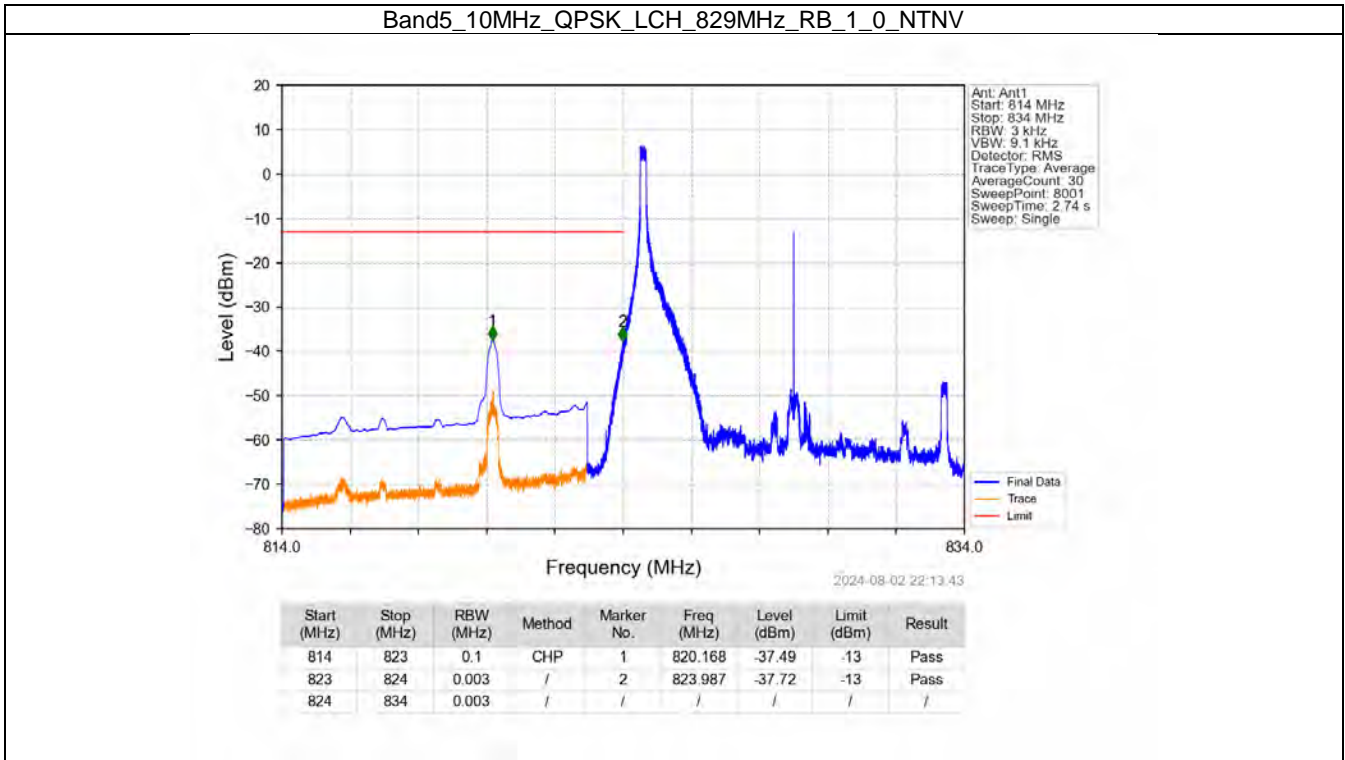
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



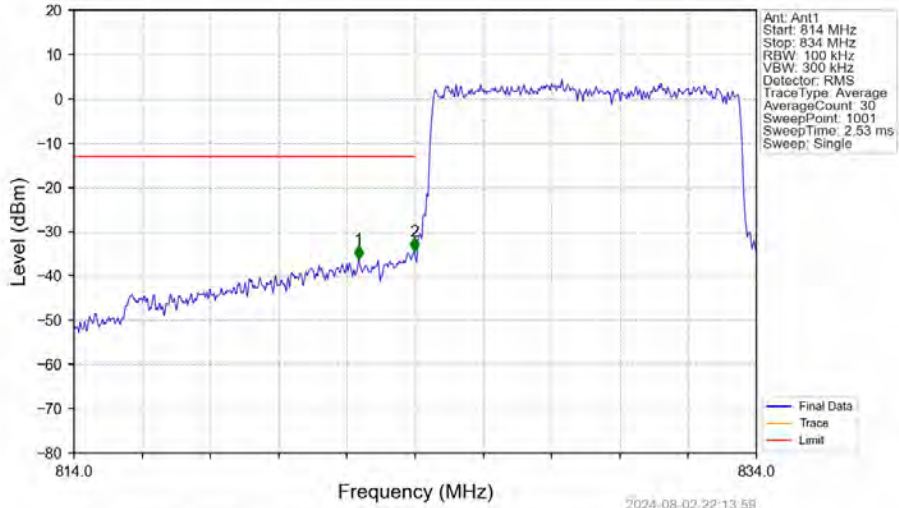
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.051	/	/	/	/	/	/
849	850	0.051	/	1	849.100	-31.32	-13	Pass
850	854	0.1	CHP	2	850.090	-32.15	-13	Pass

2024-08-02 22:11:46

6.2.4 B5_10MHz



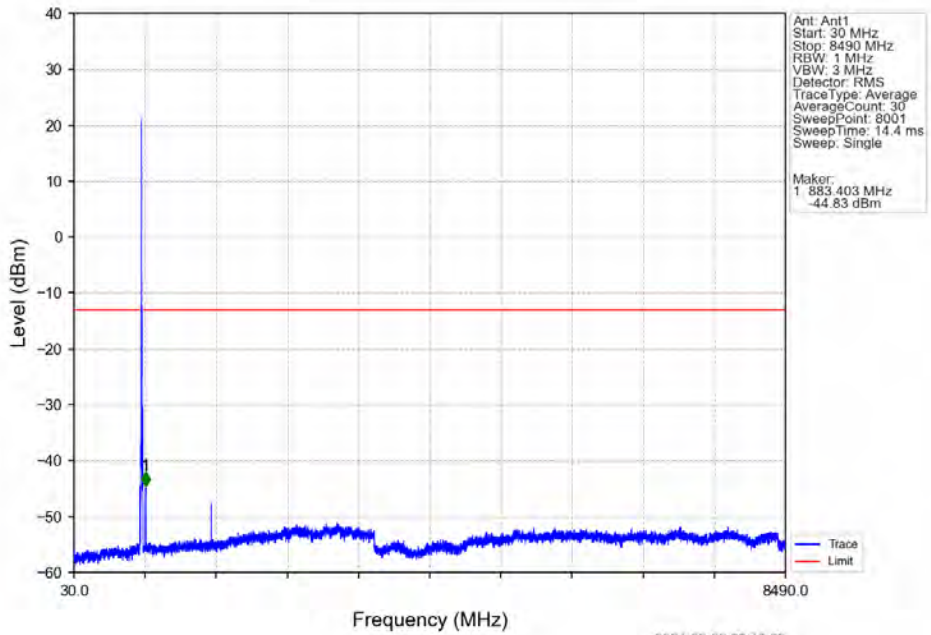
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



2024-08-02 22:13:59

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	823	0.1	/	1	822.340	-36.30	-13	Pass
823	824	0.1	/	2	823.980	-34.49	-13	Pass
824	834	0.1	/	/	/	/	/	/

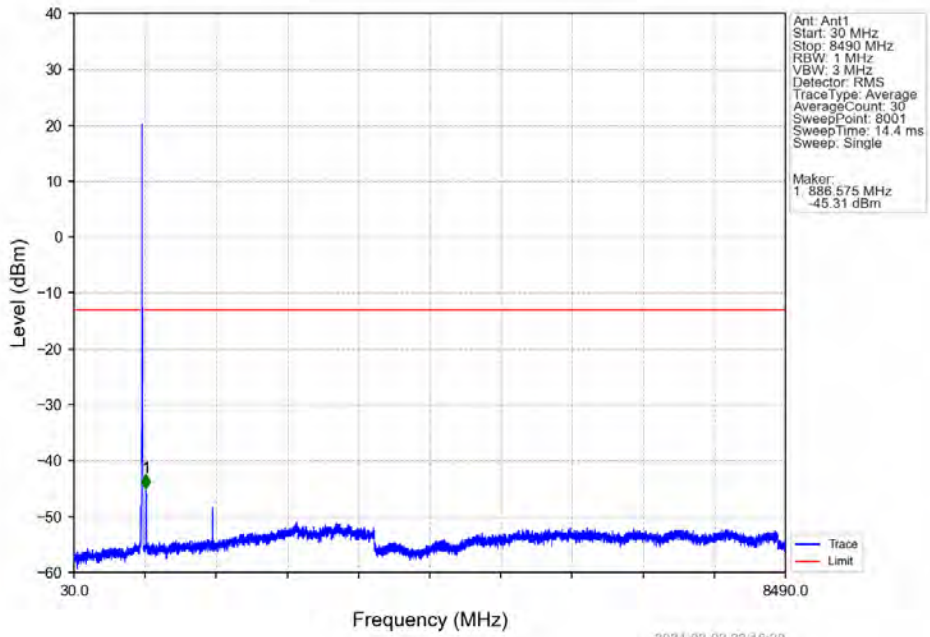
Band5_10MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Marker:
1 833.403 MHz
-44.83 dBm

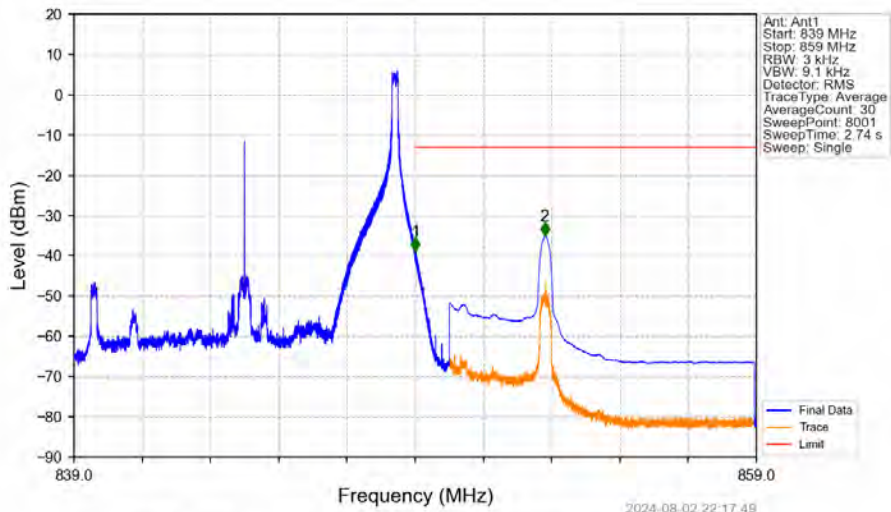
2024-08-02 22:15:58

Band5_10MHz_QPSK_HCH_844MHz_RB_1_0_NTNV



2024-08-02 22:16:20

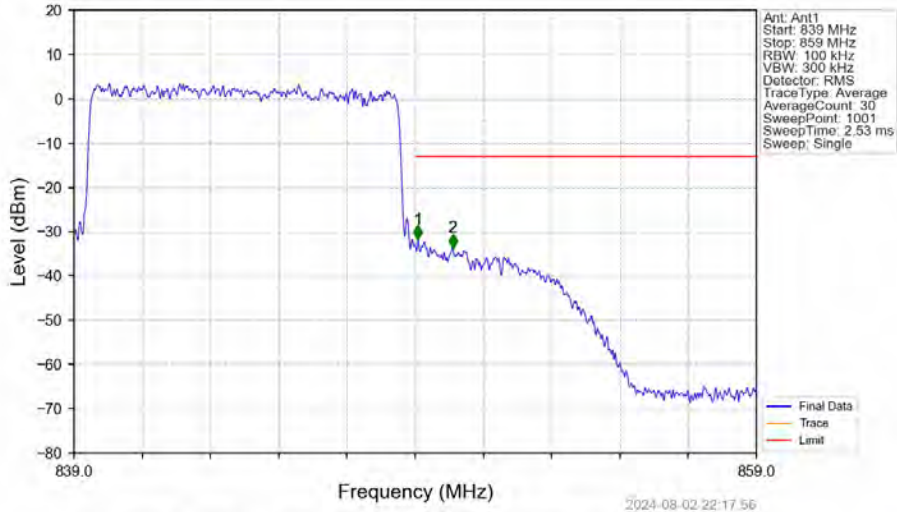
Band5_10MHz_QPSK_HCH_844MHz_RB_1_49_NTNV



2024-08-02 22:17:49

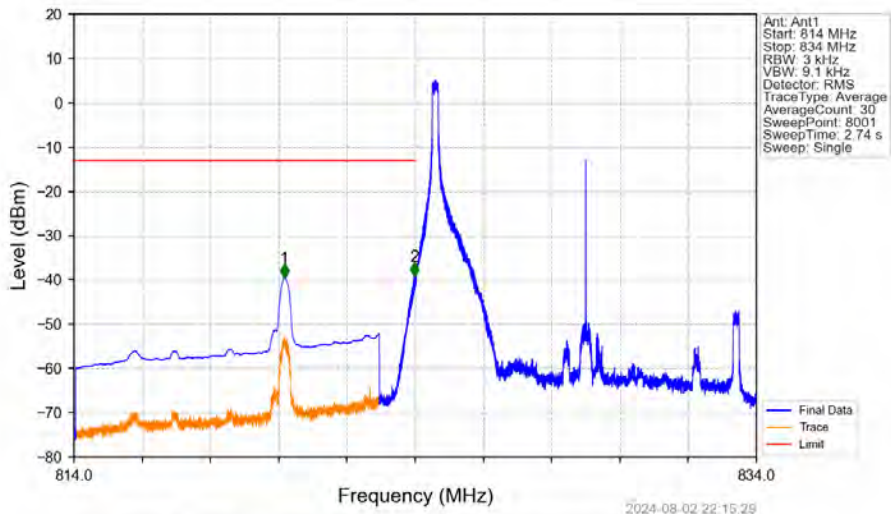
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
839	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.010	-38.84	-13	Pass
850	859	0.1	CHP	2	852.798	-34.98	-13	Pass

Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



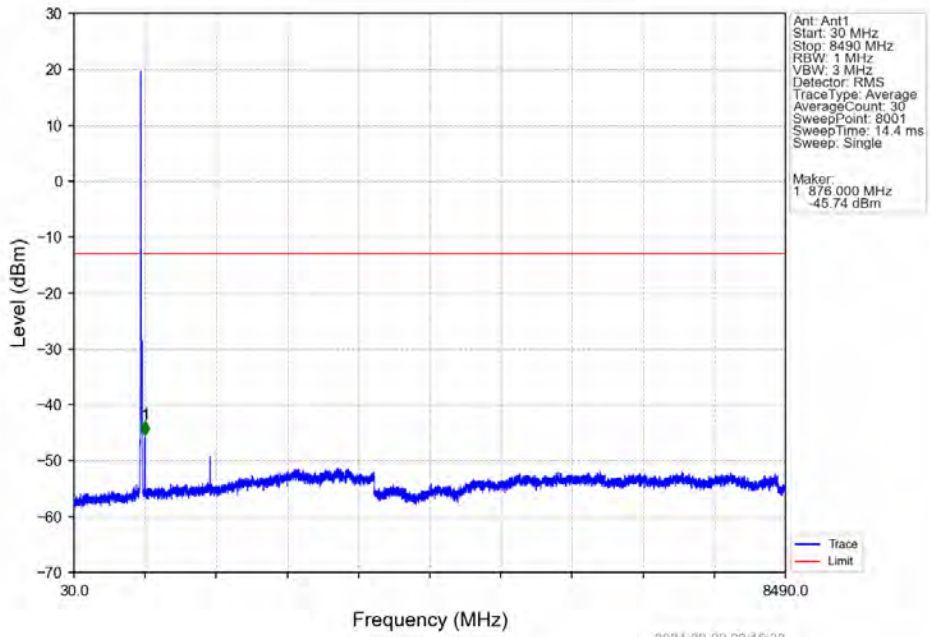
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
839	849	0.101	/	/	/	/	/	/
849	850	0.101	/	1	849.080	-31.69	-13	Pass
850	859	0.1	/	2	850.100	-33.59	-13	Pass

Band5_10MHz_16QAM_LCH_829MHz_RB_1_0_NTNV

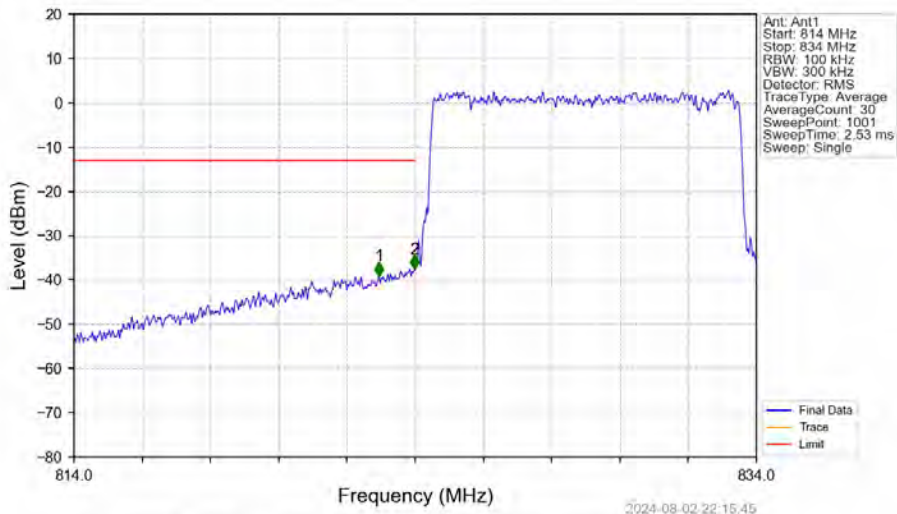


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	823	0.1	CHP	1	820.163	-39.46	-13	Pass
823	824	0.003	/	2	823.985	-39.17	-13	Pass
824	834	0.003	/	/	/	/	/	/

Band5_10MHz_16QAM_LCH_829MHz_RB_1_0_NTNV

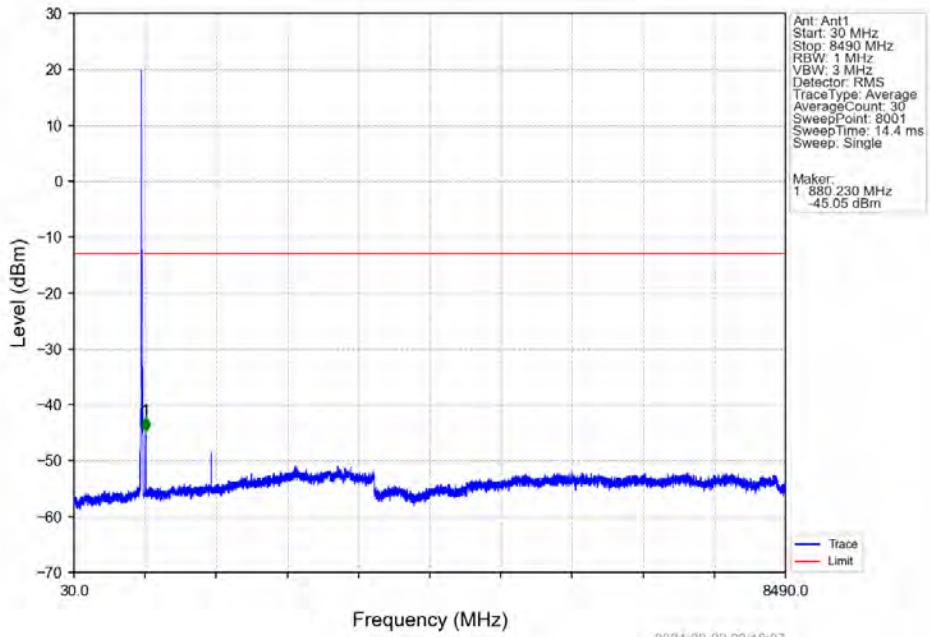


Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV

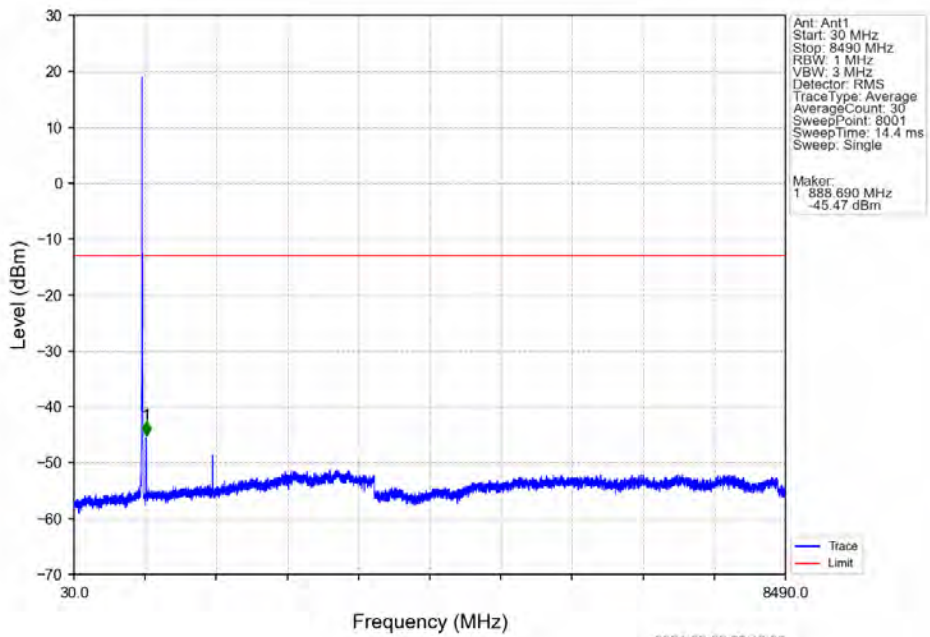


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	823	0.1	/	1	822.940	-39.05	-13	Pass
823	824	0.1	/	2	823.980	-37.57	-13	Pass
824	834	0.1	/	/	/	/	/	/

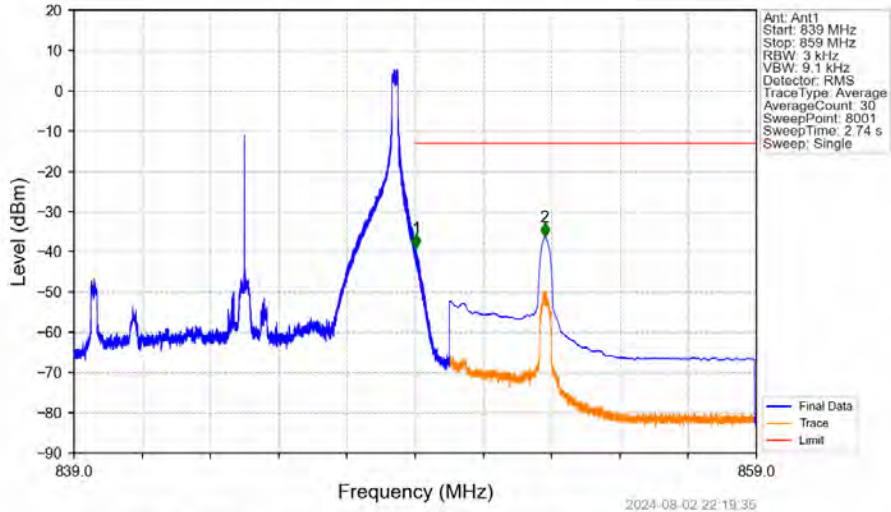
Band5_10MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_1_0_NTNV

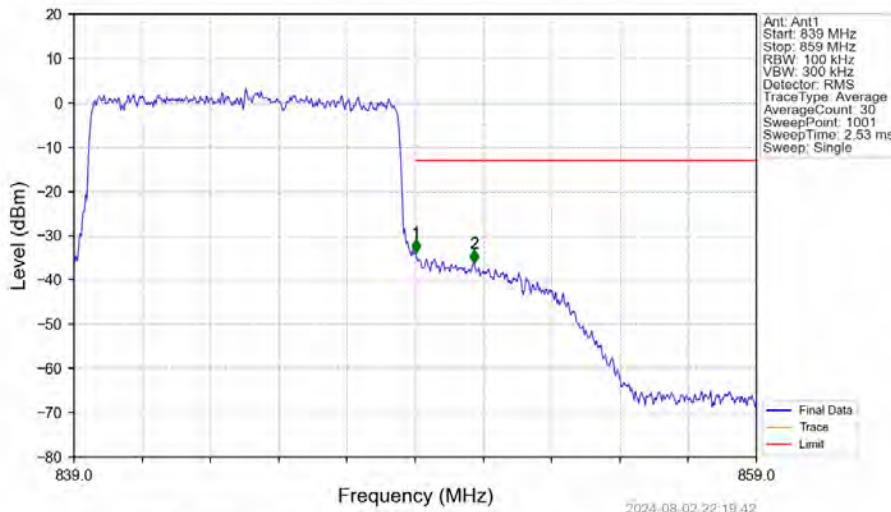


Band5_10MHz_16QAM_HCH_844MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
839	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.028	-39.09	-13	Pass
850	859	0.1	CHP	2	852.798	-36.31	-13	Pass

Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
839	849	0.1	/	/	/	/	/	/
849	850	0.1	/	1	849.020	-33.87	-13	Pass
850	859	0.1	/	2	850.720	-36.30	-13	Pass

7. Form731

7.1 Test Result

7.1.1 Form731_Power

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	0.1581	0.0149	ppm	1M12G7D	22H	21.99
5	1.4	824.7	848.3	0.1285	0.0171	ppm	1M11W7D	22H	21.09
5	3	825.5	847.5	0.1656	0.0179	ppm	2M73G7D	22H	22.19
5	3	825.5	847.5	0.1358	0.0149	ppm	2M72W7D	22H	21.33
5	5	826.5	846.5	0.1585	0.0116	ppm	4M55G7D	22H	22.00
5	5	826.5	846.5	0.1288	0.0165	ppm	4M55W7D	22H	21.10
5	10	829	844	0.1641	0.0132	ppm	9M07G7D	22H	22.15
5	10	829	844	0.1387	0.0123	ppm	9M06W7D	22H	21.42

7.1.2 Form731_ERP

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	0.0740	0.0149	ppm	1M12G7D	22H	18.69
5	1.4	824.7	848.3	0.0601	0.0171	ppm	1M11W7D	22H	17.79
5	3	825.5	847.5	0.0774	0.0179	ppm	2M73G7D	22H	18.89
5	3	825.5	847.5	0.0635	0.0149	ppm	2M72W7D	22H	18.03
5	5	826.5	846.5	0.0741	0.0116	ppm	4M55G7D	22H	18.70
5	5	826.5	846.5	0.0603	0.0165	ppm	4M55W7D	22H	17.80
5	10	829	844	0.0767	0.0132	ppm	9M07G7D	22H	18.85
5	10	829	844	0.0649	0.0123	ppm	9M06W7D	22H	18.12