

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	23.85	-0.36	21.34	<=38.45	Pass		
			2	23.97	-0.36	21.46	<=38.45	Pass		
			5	23.97	-0.36	21.46	<=38.45	Pass		
		3	0	23.78	-0.36	21.27	<=38.45	Pass		
			2	24.12	-0.36	21.61	<=38.45	Pass		
			3	23.90	-0.36	21.39	<=38.45	Pass		
		6	0	22.90	-0.36	20.39	<=38.45	Pass		
		836.5	1	0	23.87	-0.36	21.36	<=38.45	Pass	
				2	24.14	-0.36	21.63	<=38.45	Pass	
	5			23.81	-0.36	21.30	<=38.45	Pass		
	3		0	23.95	-0.36	21.44	<=38.45	Pass		
			2	24.13	-0.36	21.62	<=38.45	Pass		
			3	23.90	-0.36	21.39	<=38.45	Pass		
	6		0	22.87	-0.36	20.36	<=38.45	Pass		
	848.3		1	0	23.67	-0.36	21.16	<=38.45	Pass	
				2	23.86	-0.36	21.35	<=38.45	Pass	
		5		23.81	-0.36	21.30	<=38.45	Pass		
		3	0	23.65	-0.36	21.14	<=38.45	Pass		
			2	23.61	-0.36	21.10	<=38.45	Pass		
			3	23.84	-0.36	21.33	<=38.45	Pass		
		6	0	22.65	-0.36	20.14	<=38.45	Pass		
		16QAM	824.7	1	0	22.97	-0.36	20.46	<=38.45	Pass
					2	23.01	-0.36	20.50	<=38.45	Pass
	5				23.06	-0.36	20.55	<=38.45	Pass	
3	0			22.93	-0.36	20.42	<=38.45	Pass		
	2			23.14	-0.36	20.63	<=38.45	Pass		
	3			23.09	-0.36	20.58	<=38.45	Pass		
6	0			21.78	-0.36	19.27	<=38.45	Pass		
836.5	1			0	23.10	-0.36	20.59	<=38.45	Pass	
				2	23.25	-0.36	20.74	<=38.45	Pass	
			5	22.97	-0.36	20.46	<=38.45	Pass		
	3		0	22.90	-0.36	20.39	<=38.45	Pass		
			2	23.07	-0.36	20.56	<=38.45	Pass		
			3	23.02	-0.36	20.51	<=38.45	Pass		
	6		0	21.83	-0.36	19.32	<=38.45	Pass		
	848.3		1	0	22.49	-0.36	19.98	<=38.45	Pass	
				2	22.86	-0.36	20.35	<=38.45	Pass	
5				22.72	-0.36	20.21	<=38.45	Pass		
3			0	22.77	-0.36	20.26	<=38.45	Pass		
			2	22.82	-0.36	20.31	<=38.45	Pass		
			3	22.75	-0.36	20.24	<=38.45	Pass		
6			0	21.47	-0.36	18.96	<=38.45	Pass		
64QAM			824.7	1	0	21.58	-0.36	19.07	<=38.45	Pass
					2	21.81	-0.36	19.30	<=38.45	Pass
	5				21.80	-0.36	19.29	<=38.45	Pass	
	3	0		22.11	-0.36	19.60	<=38.45	Pass		
		2		22.19	-0.36	19.68	<=38.45	Pass		

	836.5	6	3	22.23	-0.36	19.72	<=38.45	Pass		
			0	20.99	-0.36	18.48	<=38.45	Pass		
		1	0	22.19	-0.36	19.68	<=38.45	Pass		
				2	22.24	-0.36	19.73	<=38.45	Pass	
				5	22.09	-0.36	19.58	<=38.45	Pass	
		3	0	22.07	-0.36	19.56	<=38.45	Pass		
	2			21.96	-0.36	19.45	<=38.45	Pass		
	3			22.17	-0.36	19.66	<=38.45	Pass		
	6	0	20.90	-0.36	18.39	<=38.45	Pass			
			848.3	1	0	21.55	-0.36	19.04	<=38.45	Pass
					2	21.65	-0.36	19.14	<=38.45	Pass
	5	21.55			-0.36	19.04	<=38.45	Pass		
	3	0		21.91	-0.36	19.40	<=38.45	Pass		
				2	21.96	-0.36	19.45	<=38.45	Pass	
				3	21.92	-0.36	19.41	<=38.45	Pass	
	6	0	20.63	-0.36	18.12	<=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	23.88	-0.36	21.37	<=38.45	Pass			
			7	24.22	-0.36	21.71	<=38.45	Pass			
			14	23.93	-0.36	21.42	<=38.45	Pass			
		8	0	22.93	-0.36	20.42	<=38.45	Pass			
				4	22.95	-0.36	20.44	<=38.45	Pass		
				7	23.00	-0.36	20.49	<=38.45	Pass		
		15	0	22.95	-0.36	20.44	<=38.45	Pass			
				836.5	1	0	24.06	-0.36	21.55	<=38.45	Pass
						7	24.30	-0.36	21.79	<=38.45	Pass
	14	23.90	-0.36			21.39	<=38.45	Pass			
	8	0	22.90		-0.36	20.39	<=38.45	Pass			
			4		22.90	-0.36	20.39	<=38.45	Pass		
			7		22.86	-0.36	20.35	<=38.45	Pass		
	15	0	22.97	-0.36	20.46	<=38.45	Pass				
			847.5	1	0	23.76	-0.36	21.25	<=38.45	Pass	
					7	23.75	-0.36	21.24	<=38.45	Pass	
	14	23.47			-0.36	20.96	<=38.45	Pass			
	8	0		22.55	-0.36	20.04	<=38.45	Pass			
				4	22.55	-0.36	20.04	<=38.45	Pass		
				7	22.61	-0.36	20.10	<=38.45	Pass		
	15	0	22.60	-0.36	20.09	<=38.45	Pass				
			825.5	1	0	22.75	-0.36	20.24	<=38.45	Pass	
					7	22.85	-0.36	20.34	<=38.45	Pass	
	14	22.74			-0.36	20.23	<=38.45	Pass			
8	0	21.85		-0.36	19.34	<=38.45	Pass				
		4		22.10	-0.36	19.59	<=38.45	Pass			
		7		22.06	-0.36	19.55	<=38.45	Pass			
15	0	21.89		-0.36	19.38	<=38.45	Pass				
		836.5		1	0	23.25	-0.36	20.74	<=38.45	Pass	
					7	23.20	-0.36	20.69	<=38.45	Pass	

		8	14	23.15	-0.36	20.64	<=38.45	Pass	
			0	22.03	-0.36	19.52	<=38.45	Pass	
			4	22.03	-0.36	19.52	<=38.45	Pass	
		15	7	7	21.94	-0.36	19.43	<=38.45	Pass
				0	21.86	-0.36	19.35	<=38.45	Pass
				0	23.25	-0.36	20.74	<=38.45	Pass
	847.5	1	7	7	22.97	-0.36	20.46	<=38.45	Pass
				14	23.28	-0.36	20.77	<=38.45	Pass
				0	21.63	-0.36	19.12	<=38.45	Pass
		8	4	4	21.65	-0.36	19.14	<=38.45	Pass
				7	21.79	-0.36	19.28	<=38.45	Pass
				0	21.66	-0.36	19.15	<=38.45	Pass
		15	0	0	21.76	-0.36	19.25	<=38.45	Pass
				7	21.94	-0.36	19.43	<=38.45	Pass
				14	21.75	-0.36	19.24	<=38.45	Pass
64QAM	825.5	1	0	20.82	-0.36	18.31	<=38.45	Pass	
			4	20.88	-0.36	18.37	<=38.45	Pass	
			7	20.92	-0.36	18.41	<=38.45	Pass	
		8	0	0	20.81	-0.36	18.30	<=38.45	Pass
				7	22.45	-0.36	19.94	<=38.45	Pass
				14	22.60	-0.36	20.09	<=38.45	Pass
	15	0	0	22.38	-0.36	19.87	<=38.45	Pass	
			7	20.58	-0.36	18.07	<=38.45	Pass	
			4	20.77	-0.36	18.26	<=38.45	Pass	
836.5	1	7	7	20.88	-0.36	18.37	<=38.45	Pass	
			14	20.74	-0.36	18.23	<=38.45	Pass	
			0	20.99	-0.36	18.48	<=38.45	Pass	
	8	0	0	20.99	-0.36	18.48	<=38.45	Pass	
			7	21.58	-0.36	19.07	<=38.45	Pass	
			14	21.73	-0.36	19.22	<=38.45	Pass	
	15	0	0	20.43	-0.36	17.92	<=38.45	Pass	
			4	20.49	-0.36	17.98	<=38.45	Pass	
			7	20.47	-0.36	17.96	<=38.45	Pass	
847.5	0	0	20.76	-0.36	18.25	<=38.45	Pass		
		7	20.76	-0.36	18.25	<=38.45	Pass		
		14	20.76	-0.36	18.25	<=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	23.70	-0.36	21.19	<=38.45	Pass
			13	23.87	-0.36	21.36	<=38.45	Pass
			24	23.85	-0.36	21.34	<=38.45	Pass
		12	0	22.90	-0.36	20.39	<=38.45	Pass
			6	22.84	-0.36	20.33	<=38.45	Pass
			13	22.84	-0.36	20.33	<=38.45	Pass
	25	0	22.83	-0.36	20.32	<=38.45	Pass	
	836.5	1	0	23.68	-0.36	21.17	<=38.45	Pass
			13	23.87	-0.36	21.36	<=38.45	Pass
			24	23.71	-0.36	21.20	<=38.45	Pass
		12	0	22.80	-0.36	20.29	<=38.45	Pass
			6	22.97	-0.36	20.46	<=38.45	Pass
13			22.81	-0.36	20.30	<=38.45	Pass	

	846.5	25	0	22.74	-0.36	20.23	<=38.45	Pass			
			1	0	23.63	-0.36	21.12	<=38.45	Pass		
				13	23.71	-0.36	21.20	<=38.45	Pass		
		24		23.66	-0.36	21.15	<=38.45	Pass			
		12	0	22.61	-0.36	20.10	<=38.45	Pass			
			6	22.68	-0.36	20.17	<=38.45	Pass			
			13	22.58	-0.36	20.07	<=38.45	Pass			
		16QAM	826.5	25	0	22.59	-0.36	20.08	<=38.45	Pass	
					1	0	22.04	-0.36	19.53	<=38.45	Pass
						13	22.56	-0.36	20.05	<=38.45	Pass
				24		22.11	-0.36	19.60	<=38.45	Pass	
				12	0	21.96	-0.36	19.45	<=38.45	Pass	
6	21.99				-0.36	19.48	<=38.45	Pass			
13	21.94				-0.36	19.43	<=38.45	Pass			
836.5	836.5			25	0	21.90	-0.36	19.39	<=38.45	Pass	
					1	0	23.15	-0.36	20.64	<=38.45	Pass
						13	23.46	-0.36	20.95	<=38.45	Pass
				24		23.25	-0.36	20.74	<=38.45	Pass	
				12	0	21.73	-0.36	19.22	<=38.45	Pass	
		6	21.91		-0.36	19.40	<=38.45	Pass			
		13	21.86		-0.36	19.35	<=38.45	Pass			
		846.5	846.5	25	0	21.94	-0.36	19.43	<=38.45	Pass	
					1	0	22.55	-0.36	20.04	<=38.45	Pass
						13	23.01	-0.36	20.50	<=38.45	Pass
				24		22.63	-0.36	20.12	<=38.45	Pass	
				12	0	21.52	-0.36	19.01	<=38.45	Pass	
6	21.59				-0.36	19.08	<=38.45	Pass			
13	21.50				-0.36	18.99	<=38.45	Pass			
64QAM	826.5			25	0	21.55	-0.36	19.04	<=38.45	Pass	
					1	0	21.35	-0.36	18.84	<=38.45	Pass
						13	21.84	-0.36	19.33	<=38.45	Pass
				24		21.93	-0.36	19.42	<=38.45	Pass	
				12	0	20.84	-0.36	18.33	<=38.45	Pass	
		6	20.69		-0.36	18.18	<=38.45	Pass			
		13	20.55		-0.36	18.04	<=38.45	Pass			
		836.5	836.5	25	0	21.01	-0.36	18.50	<=38.45	Pass	
					1	0	21.76	-0.36	19.25	<=38.45	Pass
						13	22.10	-0.36	19.59	<=38.45	Pass
				24		21.68	-0.36	19.17	<=38.45	Pass	
				12	0	20.80	-0.36	18.29	<=38.45	Pass	
6	21.01				-0.36	18.50	<=38.45	Pass			
13	20.96				-0.36	18.45	<=38.45	Pass			
846.5	846.5			25	0	20.76	-0.36	18.25	<=38.45	Pass	
					1	0	21.15	-0.36	18.64	<=38.45	Pass
						13	21.21	-0.36	18.70	<=38.45	Pass
				24		21.03	-0.36	18.52	<=38.45	Pass	
				12	0	20.57	-0.36	18.06	<=38.45	Pass	
		6	20.56		-0.36	18.05	<=38.45	Pass			
		13	20.53		-0.36	18.02	<=38.45	Pass			
				25	0	20.56	-0.36	18.05	<=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	23.83	-0.36	21.32	<=38.45	Pass		
			25	23.77	-0.36	21.26	<=38.45	Pass		
			49	23.67	-0.36	21.16	<=38.45	Pass		
		25	0	22.91	-0.36	20.40	<=38.45	Pass		
			13	22.83	-0.36	20.32	<=38.45	Pass		
			25	22.85	-0.36	20.34	<=38.45	Pass		
		50	0	22.88	-0.36	20.37	<=38.45	Pass		
		836.5	1	0	23.74	-0.36	21.23	<=38.45	Pass	
				25	23.94	-0.36	21.43	<=38.45	Pass	
	49			23.76	-0.36	21.25	<=38.45	Pass		
	25		0	22.84	-0.36	20.33	<=38.45	Pass		
			13	22.84	-0.36	20.33	<=38.45	Pass		
			25	22.90	-0.36	20.39	<=38.45	Pass		
	50		0	22.83	-0.36	20.32	<=38.45	Pass		
	844		1	0	23.86	-0.36	21.35	<=38.45	Pass	
				25	23.93	-0.36	21.42	<=38.45	Pass	
		49		24.00	-0.36	21.49	<=38.45	Pass		
		25	0	22.78	-0.36	20.27	<=38.45	Pass		
			13	22.67	-0.36	20.16	<=38.45	Pass		
			25	22.67	-0.36	20.16	<=38.45	Pass		
		50	0	22.66	-0.36	20.15	<=38.45	Pass		
		16QAM	829	1	0	23.18	-0.36	20.67	<=38.45	Pass
					25	23.38	-0.36	20.87	<=38.45	Pass
	49				23.17	-0.36	20.66	<=38.45	Pass	
25	0			21.96	-0.36	19.45	<=38.45	Pass		
	13			21.96	-0.36	19.45	<=38.45	Pass		
	25			21.92	-0.36	19.41	<=38.45	Pass		
50	0			21.91	-0.36	19.40	<=38.45	Pass		
836.5	1			0	23.37	-0.36	20.86	<=38.45	Pass	
				25	23.53	-0.36	21.02	<=38.45	Pass	
			49	23.21	-0.36	20.70	<=38.45	Pass		
	25		0	21.80	-0.36	19.29	<=38.45	Pass		
			13	22.03	-0.36	19.52	<=38.45	Pass		
			25	21.99	-0.36	19.48	<=38.45	Pass		
	50		0	21.95	-0.36	19.44	<=38.45	Pass		
	844		1	0	22.81	-0.36	20.30	<=38.45	Pass	
				25	22.76	-0.36	20.25	<=38.45	Pass	
49				22.74	-0.36	20.23	<=38.45	Pass		
25			0	22.07	-0.36	19.56	<=38.45	Pass		
			13	21.93	-0.36	19.42	<=38.45	Pass		
			25	22.05	-0.36	19.54	<=38.45	Pass		
50			0	21.80	-0.36	19.29	<=38.45	Pass		
64QAM			829	1	0	21.75	-0.36	19.24	<=38.45	Pass
					25	22.64	-0.36	20.13	<=38.45	Pass
	49				22.42	-0.36	19.91	<=38.45	Pass	
	25	0		21.26	-0.36	18.75	<=38.45	Pass		
		13		20.99	-0.36	18.48	<=38.45	Pass		
		25		21.01	-0.36	18.50	<=38.45	Pass		
	50	0		20.96	-0.36	18.45	<=38.45	Pass		
	836.5	1		0	21.54	-0.36	19.03	<=38.45	Pass	
				25	21.80	-0.36	19.29	<=38.45	Pass	
			49	21.67	-0.36	19.16	<=38.45	Pass		
		25	0	20.76	-0.36	18.25	<=38.45	Pass		
			13	20.95	-0.36	18.44	<=38.45	Pass		
			25	20.91	-0.36	18.40	<=38.45	Pass		

	844	50	0	20.91	-0.36	18.40	<=38.45	Pass
		1	0	21.55	-0.36	19.04	<=38.45	Pass
			25	21.62	-0.36	19.11	<=38.45	Pass
			49	21.49	-0.36	18.98	<=38.45	Pass
			0	20.83	-0.36	18.32	<=38.45	Pass
		25	13	20.79	-0.36	18.28	<=38.45	Pass
			25	20.68	-0.36	18.17	<=38.45	Pass
			50	0	20.64	-0.36	18.13	<=38.45

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 (VAC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	824.7	6	0	20	102	3.216	0.0039	-2.5 to 2.5	Pass
					120	3.279	0.0040	-2.5 to 2.5	Pass
					138	7.316	0.0089	-2.5 to 2.5	Pass
				-30	120	4.728	0.0057	-2.5 to 2.5	Pass
					-20	120	4.525	0.0055	-2.5 to 2.5
				-10	120	9.736	0.0118	-2.5 to 2.5	Pass
					0	120	14.359	0.0174	-2.5 to 2.5
				10	120	14.184	0.0172	-2.5 to 2.5	Pass
				30	120	14.811	0.0180	-2.5 to 2.5	Pass
				40	120	15.050	0.0182	-2.5 to 2.5	Pass
	50	120	14.375	0.0174	-2.5 to 2.5	Pass			
	836.5	6	0	20	102	-0.108	-0.0001	-2.5 to 2.5	Pass
					120	0.043	0.0001	-2.5 to 2.5	Pass
					138	0.094	0.0001	-2.5 to 2.5	Pass
				-30	120	-0.997	-0.0012	-2.5 to 2.5	Pass
					-20	120	-1.526	-0.0018	-2.5 to 2.5
				-10	120	-1.197	-0.0014	-2.5 to 2.5	Pass
					0	120	-0.846	-0.0010	-2.5 to 2.5
				10	120	-0.513	-0.0006	-2.5 to 2.5	Pass
				30	120	-0.709	-0.0008	-2.5 to 2.5	Pass
				40	120	-2.113	-0.0025	-2.5 to 2.5	Pass
	50	120	-0.965	-0.0012	-2.5 to 2.5	Pass			
	848.3	6	0	20	102	-4.106	-0.0048	-2.5 to 2.5	Pass
					120	-3.184	-0.0038	-2.5 to 2.5	Pass
					138	-3.342	-0.0039	-2.5 to 2.5	Pass
				-30	120	-2.848	-0.0034	-2.5 to 2.5	Pass
					-20	120	-2.584	-0.0030	-2.5 to 2.5
				-10	120	-1.712	-0.0020	-2.5 to 2.5	Pass
					0	120	-1.568	-0.0018	-2.5 to 2.5
				10	120	-0.499	-0.0006	-2.5 to 2.5	Pass
30				120	-2.288	-0.0027	-2.5 to 2.5	Pass	
40				120	-1.645	-0.0019	-2.5 to 2.5	Pass	
50	120	-1.538	-0.0018	-2.5 to 2.5	Pass				
16QAM	824.7	6	0	20	102	11.417	0.0138	-2.5 to 2.5	Pass
					120	10.266	0.0124	-2.5 to 2.5	Pass
					138	7.500	0.0091	-2.5 to 2.5	Pass

				-30	120	6.097	0.0074	-2.5 to 2.5	Pass	
				-20	120	5.384	0.0065	-2.5 to 2.5	Pass	
				-10	120	4.031	0.0049	-2.5 to 2.5	Pass	
				0	120	2.923	0.0035	-2.5 to 2.5	Pass	
				10	120	1.988	0.0024	-2.5 to 2.5	Pass	
				30	120	1.886	0.0023	-2.5 to 2.5	Pass	
				40	120	0.191	0.0002	-2.5 to 2.5	Pass	
				50	120	0.200	0.0002	-2.5 to 2.5	Pass	
	836.5	6	0	20	102	-0.900	-0.0011	-2.5 to 2.5	Pass	
					120	-1.311	-0.0016	-2.5 to 2.5	Pass	
					138	-2.082	-0.0025	-2.5 to 2.5	Pass	
				-30	120	-1.494	-0.0018	-2.5 to 2.5	Pass	
				-20	120	-1.528	-0.0018	-2.5 to 2.5	Pass	
				-10	120	-0.660	-0.0008	-2.5 to 2.5	Pass	
				0	120	-1.458	-0.0017	-2.5 to 2.5	Pass	
				10	120	-1.432	-0.0017	-2.5 to 2.5	Pass	
				30	120	-1.423	-0.0017	-2.5 to 2.5	Pass	
				40	120	-0.496	-0.0006	-2.5 to 2.5	Pass	
				50	120	-1.021	-0.0012	-2.5 to 2.5	Pass	
				848.3	6	0	20	102	-0.731	-0.0009
	120	-1.328	-0.0016					-2.5 to 2.5	Pass	
	138	-0.215	-0.0003					-2.5 to 2.5	Pass	
	-30	120	-1.230				-0.0014	-2.5 to 2.5	Pass	
	-20	120	0.083				0.0001	-2.5 to 2.5	Pass	
	-10	120	-0.471				-0.0006	-2.5 to 2.5	Pass	
	0	120	-0.666				-0.0008	-2.5 to 2.5	Pass	
	10	120	-0.092				-0.0001	-2.5 to 2.5	Pass	
	30	120	0.085				0.0001	-2.5 to 2.5	Pass	
	40	120	-0.256				-0.0003	-2.5 to 2.5	Pass	
	50	120	-0.537				-0.0006	-2.5 to 2.5	Pass	
	64QAM	824.7	6				0	20	102	-0.330
				120	-0.511	-0.0006			-2.5 to 2.5	Pass
				138	-1.138	-0.0014			-2.5 to 2.5	Pass
-30				120	-1.132	-0.0014		-2.5 to 2.5	Pass	
-20				120	-0.498	-0.0006		-2.5 to 2.5	Pass	
-10				120	-1.453	-0.0018		-2.5 to 2.5	Pass	
0				120	-1.013	-0.0012		-2.5 to 2.5	Pass	
10				120	-1.555	-0.0019		-2.5 to 2.5	Pass	
30				120	-1.179	-0.0014		-2.5 to 2.5	Pass	
40				120	-1.648	-0.0020		-2.5 to 2.5	Pass	
50				120	-1.686	-0.0020		-2.5 to 2.5	Pass	
836.5				6	0	20		102	-0.943	-0.0011
		120	-1.320				-0.0016	-2.5 to 2.5	Pass	
		138	-0.290				-0.0003	-2.5 to 2.5	Pass	
		-30	120			-1.090	-0.0013	-2.5 to 2.5	Pass	
		-20	120			-1.253	-0.0015	-2.5 to 2.5	Pass	
		-10	120			-1.080	-0.0013	-2.5 to 2.5	Pass	
		0	120			-0.857	-0.0010	-2.5 to 2.5	Pass	
		10	120			-0.324	-0.0004	-2.5 to 2.5	Pass	
		30	120			-1.268	-0.0015	-2.5 to 2.5	Pass	
		40	120			-1.065	-0.0013	-2.5 to 2.5	Pass	
		50	120			-0.973	-0.0012	-2.5 to 2.5	Pass	
		848.3	6			0	20	102	-0.234	-0.0003
120				0.149	0.0002			-2.5 to 2.5	Pass	
138				-0.362	-0.0004			-2.5 to 2.5	Pass	
-30				120	-1.169		-0.0014	-2.5 to 2.5	Pass	
-20				120	-0.196		-0.0002	-2.5 to 2.5	Pass	
-10				120	0.249		0.0003	-2.5 to 2.5	Pass	

				0	120	-1.014	-0.0012	-2.5 to 2.5	Pass
				10	120	-0.464	-0.0005	-2.5 to 2.5	Pass
				30	120	-0.811	-0.0010	-2.5 to 2.5	Pass
				40	120	0.059	0.0001	-2.5 to 2.5	Pass
				50	120	0.089	0.0001	-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 (VAC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict	
		Size	Offset				Result	Limit		
QPSK	825.5	15	0	20	102	1.782	0.0022	-2.5 to 2.5	Pass	
					120	1.745	0.0021	-2.5 to 2.5	Pass	
					138	1.776	0.0022	-2.5 to 2.5	Pass	
				-30	120	2.222	0.0027	-2.5 to 2.5	Pass	
					-20	120	1.541	0.0019	-2.5 to 2.5	Pass
						120	2.463	0.0030	-2.5 to 2.5	Pass
				0	120	1.951	0.0024	-2.5 to 2.5	Pass	
					120	1.858	0.0023	-2.5 to 2.5	Pass	
				30	120	2.022	0.0024	-2.5 to 2.5	Pass	
	40	120	1.927	0.0023	-2.5 to 2.5	Pass				
	50	120	1.970	0.0024	-2.5 to 2.5	Pass				
	836.5	15	0	20	102	1.541	0.0018	-2.5 to 2.5	Pass	
					120	1.173	0.0014	-2.5 to 2.5	Pass	
					138	2.079	0.0025	-2.5 to 2.5	Pass	
				-30	120	1.314	0.0016	-2.5 to 2.5	Pass	
					-20	120	1.608	0.0019	-2.5 to 2.5	Pass
						120	1.235	0.0015	-2.5 to 2.5	Pass
				0	120	1.134	0.0014	-2.5 to 2.5	Pass	
					120	1.082	0.0013	-2.5 to 2.5	Pass	
				30	120	1.260	0.0015	-2.5 to 2.5	Pass	
	40	120	1.069	0.0013	-2.5 to 2.5	Pass				
	50	120	0.854	0.0010	-2.5 to 2.5	Pass				
	847.5	15	0	20	102	1.003	0.0012	-2.5 to 2.5	Pass	
					120	0.788	0.0009	-2.5 to 2.5	Pass	
					138	1.476	0.0017	-2.5 to 2.5	Pass	
				-30	120	1.307	0.0015	-2.5 to 2.5	Pass	
					-20	120	1.711	0.0020	-2.5 to 2.5	Pass
120						1.257	0.0015	-2.5 to 2.5	Pass	
0				120	1.904	0.0022	-2.5 to 2.5	Pass		
				120	1.938	0.0023	-2.5 to 2.5	Pass		
30				120	2.540	0.0030	-2.5 to 2.5	Pass		
40	120	0.746	0.0009	-2.5 to 2.5	Pass					
50	120	1.046	0.0012	-2.5 to 2.5	Pass					
16QAM	825.5	15	0	20	102	3.318	0.0040	-2.5 to 2.5	Pass	
					120	2.174	0.0026	-2.5 to 2.5	Pass	
					138	1.993	0.0024	-2.5 to 2.5	Pass	
				-30	120	2.843	0.0034	-2.5 to 2.5	Pass	
					-20	120	2.274	0.0028	-2.5 to 2.5	Pass
						120	2.445	0.0030	-2.5 to 2.5	Pass
				0	120	2.764	0.0033	-2.5 to 2.5	Pass	
120	1.791	0.0022	-2.5 to 2.5		Pass					
30	120	2.900	0.0035	-2.5 to 2.5	Pass					

	836.5	15	0	40	120	3.305	0.0040	-2.5 to 2.5	Pass	
				50	120	2.906	0.0035	-2.5 to 2.5	Pass	
				20	102	1.349	0.0016	-2.5 to 2.5	Pass	
					120	1.863	0.0022	-2.5 to 2.5	Pass	
					138	1.927	0.0023	-2.5 to 2.5	Pass	
				-30	120	1.158	0.0014	-2.5 to 2.5	Pass	
				-20	120	1.661	0.0020	-2.5 to 2.5	Pass	
				-10	120	1.201	0.0014	-2.5 to 2.5	Pass	
				0	120	2.953	0.0035	-2.5 to 2.5	Pass	
				10	120	1.441	0.0017	-2.5 to 2.5	Pass	
				30	120	1.239	0.0015	-2.5 to 2.5	Pass	
				40	120	1.640	0.0020	-2.5 to 2.5	Pass	
	50	120	2.248	0.0027	-2.5 to 2.5	Pass				
	847.5	15	0	20	102	0.370	0.0004	-2.5 to 2.5	Pass	
					120	2.028	0.0024	-2.5 to 2.5	Pass	
					138	1.001	0.0012	-2.5 to 2.5	Pass	
				-30	120	1.517	0.0018	-2.5 to 2.5	Pass	
				-20	120	0.636	0.0008	-2.5 to 2.5	Pass	
				-10	120	0.759	0.0009	-2.5 to 2.5	Pass	
				0	120	2.907	0.0034	-2.5 to 2.5	Pass	
				10	120	2.091	0.0025	-2.5 to 2.5	Pass	
				30	120	0.936	0.0011	-2.5 to 2.5	Pass	
				40	120	1.225	0.0014	-2.5 to 2.5	Pass	
				50	120	2.373	0.0028	-2.5 to 2.5	Pass	
				64QAM	825.5	15	0	20	102	2.659
	120	3.535	0.0043						-2.5 to 2.5	Pass
	138	3.321	0.0040						-2.5 to 2.5	Pass
	-30	120	3.235					0.0039	-2.5 to 2.5	Pass
-20	120	4.016	0.0049					-2.5 to 2.5	Pass	
-10	120	3.525	0.0043					-2.5 to 2.5	Pass	
0	120	3.220	0.0039					-2.5 to 2.5	Pass	
10	120	2.480	0.0030					-2.5 to 2.5	Pass	
30	120	2.891	0.0035					-2.5 to 2.5	Pass	
40	120	2.560	0.0031					-2.5 to 2.5	Pass	
50	120	3.349	0.0041					-2.5 to 2.5	Pass	
836.5	15	0	20					102	1.956	0.0023
					120	1.293	0.0015	-2.5 to 2.5	Pass	
					138	2.040	0.0024	-2.5 to 2.5	Pass	
			-30		120	2.185	0.0026	-2.5 to 2.5	Pass	
			-20		120	2.549	0.0030	-2.5 to 2.5	Pass	
			-10		120	3.068	0.0037	-2.5 to 2.5	Pass	
			0		120	3.117	0.0037	-2.5 to 2.5	Pass	
			10		120	1.933	0.0023	-2.5 to 2.5	Pass	
			30		120	2.871	0.0034	-2.5 to 2.5	Pass	
			40		120	2.899	0.0035	-2.5 to 2.5	Pass	
			50		120	3.660	0.0044	-2.5 to 2.5	Pass	
			847.5		15	0	20	102	1.804	0.0021
120	1.753	0.0021						-2.5 to 2.5	Pass	
138	1.769	0.0021						-2.5 to 2.5	Pass	
-30	120	3.048					0.0036	-2.5 to 2.5	Pass	
-20	120	2.191					0.0026	-2.5 to 2.5	Pass	
-10	120	2.288					0.0027	-2.5 to 2.5	Pass	
0	120	2.253		0.0027			-2.5 to 2.5	Pass		
10	120	0.840		0.0010			-2.5 to 2.5	Pass		
30	120	1.491		0.0018			-2.5 to 2.5	Pass		
40	120	1.718		0.0020			-2.5 to 2.5	Pass		
50	120	1.951		0.0023			-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 (VAC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	826.5	25	0	20	102	0.989	0.0012	-2.5 to 2.5	Pass
					120	0.502	0.0006	-2.5 to 2.5	Pass
					138	-0.636	-0.0008	-2.5 to 2.5	Pass
				-30	120	0.410	0.0005	-2.5 to 2.5	Pass
					120	-0.949	-0.0011	-2.5 to 2.5	Pass
				-10	120	-0.459	-0.0006	-2.5 to 2.5	Pass
					0	120	0.055	0.0001	-2.5 to 2.5
				10	120	-0.917	-0.0011	-2.5 to 2.5	Pass
				30	120	-1.343	-0.0016	-2.5 to 2.5	Pass
				40	120	0.198	0.0002	-2.5 to 2.5	Pass
	50	120	0.360	0.0004	-2.5 to 2.5	Pass			
	836.5	25	0	20	102	1.752	0.0021	-2.5 to 2.5	Pass
					120	1.102	0.0013	-2.5 to 2.5	Pass
					138	1.997	0.0024	-2.5 to 2.5	Pass
				-30	120	1.408	0.0017	-2.5 to 2.5	Pass
					120	0.932	0.0011	-2.5 to 2.5	Pass
				-10	120	1.668	0.0020	-2.5 to 2.5	Pass
					0	120	0.788	0.0009	-2.5 to 2.5
				10	120	0.786	0.0009	-2.5 to 2.5	Pass
				30	120	1.398	0.0017	-2.5 to 2.5	Pass
				40	120	0.844	0.0010	-2.5 to 2.5	Pass
	50	120	0.961	0.0011	-2.5 to 2.5	Pass			
	846.5	25	0	20	102	0.008	0.0000	-2.5 to 2.5	Pass
					120	0.692	0.0008	-2.5 to 2.5	Pass
					138	0.790	0.0009	-2.5 to 2.5	Pass
				-30	120	0.282	0.0003	-2.5 to 2.5	Pass
					120	0.171	0.0002	-2.5 to 2.5	Pass
				-10	120	0.297	0.0004	-2.5 to 2.5	Pass
					0	120	1.089	0.0013	-2.5 to 2.5
				10	120	0.164	0.0002	-2.5 to 2.5	Pass
30				120	1.101	0.0013	-2.5 to 2.5	Pass	
40				120	1.356	0.0016	-2.5 to 2.5	Pass	
50	120	1.525	0.0018	-2.5 to 2.5	Pass				
16QAM	826.5	25	0	20	102	0.259	0.0003	-2.5 to 2.5	Pass
					120	0.347	0.0004	-2.5 to 2.5	Pass
					138	0.091	0.0001	-2.5 to 2.5	Pass
				-30	120	-0.175	-0.0002	-2.5 to 2.5	Pass
					120	-0.622	-0.0008	-2.5 to 2.5	Pass
				-10	120	0.285	0.0003	-2.5 to 2.5	Pass
					0	120	0.320	0.0004	-2.5 to 2.5
				10	120	-0.148	-0.0002	-2.5 to 2.5	Pass
				30	120	-0.523	-0.0006	-2.5 to 2.5	Pass
				40	120	0.037	0.0000	-2.5 to 2.5	Pass
	50	120	-0.083	-0.0001	-2.5 to 2.5	Pass			
	836.5	25	0	20	102	0.883	0.0011	-2.5 to 2.5	Pass
					120	0.747	0.0009	-2.5 to 2.5	Pass
					138	1.444	0.0017	-2.5 to 2.5	Pass

				-30	120	1.794	0.0021	-2.5 to 2.5	Pass
				-20	120	0.410	0.0005	-2.5 to 2.5	Pass
				-10	120	0.992	0.0012	-2.5 to 2.5	Pass
				0	120	1.116	0.0013	-2.5 to 2.5	Pass
				10	120	1.128	0.0013	-2.5 to 2.5	Pass
				30	120	1.220	0.0015	-2.5 to 2.5	Pass
				40	120	0.781	0.0009	-2.5 to 2.5	Pass
				50	120	0.299	0.0004	-2.5 to 2.5	Pass
	846.5	25	0	20	102	1.767	0.0021	-2.5 to 2.5	Pass
					120	1.688	0.0020	-2.5 to 2.5	Pass
					138	1.939	0.0023	-2.5 to 2.5	Pass
				-30	120	0.963	0.0011	-2.5 to 2.5	Pass
				-20	120	1.851	0.0022	-2.5 to 2.5	Pass
				-10	120	1.130	0.0013	-2.5 to 2.5	Pass
				0	120	0.962	0.0011	-2.5 to 2.5	Pass
				10	120	0.740	0.0009	-2.5 to 2.5	Pass
				30	120	1.557	0.0018	-2.5 to 2.5	Pass
40				120	0.667	0.0008	-2.5 to 2.5	Pass	
50	120	1.406	0.0017	-2.5 to 2.5	Pass				
64QAM	826.5	25	0	20	102	-0.925	-0.0011	-2.5 to 2.5	Pass
					120	0.388	0.0005	-2.5 to 2.5	Pass
					138	-0.956	-0.0012	-2.5 to 2.5	Pass
				-30	120	-1.362	-0.0016	-2.5 to 2.5	Pass
				-20	120	-0.908	-0.0011	-2.5 to 2.5	Pass
				-10	120	0.078	0.0001	-2.5 to 2.5	Pass
				0	120	-0.283	-0.0003	-2.5 to 2.5	Pass
				10	120	-1.224	-0.0015	-2.5 to 2.5	Pass
				30	120	-0.864	-0.0010	-2.5 to 2.5	Pass
				40	120	-0.433	-0.0005	-2.5 to 2.5	Pass
	50	120	0.378	0.0005	-2.5 to 2.5	Pass			
	836.5	25	0	20	102	0.281	0.0003	-2.5 to 2.5	Pass
					120	0.841	0.0010	-2.5 to 2.5	Pass
					138	0.225	0.0003	-2.5 to 2.5	Pass
				-30	120	0.072	0.0001	-2.5 to 2.5	Pass
				-20	120	0.218	0.0003	-2.5 to 2.5	Pass
				-10	120	0.488	0.0006	-2.5 to 2.5	Pass
				0	120	0.047	0.0001	-2.5 to 2.5	Pass
				10	120	-0.227	-0.0003	-2.5 to 2.5	Pass
				30	120	0.699	0.0008	-2.5 to 2.5	Pass
				40	120	0.143	0.0002	-2.5 to 2.5	Pass
	50	120	0.782	0.0009	-2.5 to 2.5	Pass			
	846.5	25	0	20	102	0.575	0.0007	-2.5 to 2.5	Pass
					120	1.340	0.0016	-2.5 to 2.5	Pass
					138	0.966	0.0011	-2.5 to 2.5	Pass
-30				120	1.485	0.0018	-2.5 to 2.5	Pass	
-20				120	2.597	0.0031	-2.5 to 2.5	Pass	
-10				120	2.003	0.0024	-2.5 to 2.5	Pass	
0				120	1.101	0.0013	-2.5 to 2.5	Pass	
10				120	1.871	0.0022	-2.5 to 2.5	Pass	
30				120	1.013	0.0012	-2.5 to 2.5	Pass	
40				120	2.488	0.0029	-2.5 to 2.5	Pass	
50	120	1.803	0.0021	-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 (VAC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	829	50	0	20	102	1.944	0.0023	-2.5 to 2.5	Pass
					120	0.268	0.0003	-2.5 to 2.5	Pass
					138	0.552	0.0007	-2.5 to 2.5	Pass
				-30	120	1.613	0.0019	-2.5 to 2.5	Pass
				-20	120	1.166	0.0014	-2.5 to 2.5	Pass
				-10	120	1.692	0.0020	-2.5 to 2.5	Pass
				0	120	1.478	0.0018	-2.5 to 2.5	Pass
				10	120	2.504	0.0030	-2.5 to 2.5	Pass
				30	120	1.371	0.0017	-2.5 to 2.5	Pass
				40	120	0.124	0.0001	-2.5 to 2.5	Pass
	50	120	0.517	0.0006	-2.5 to 2.5	Pass			
	836.5	50	0	20	102	0.073	0.0001	-2.5 to 2.5	Pass
					120	0.294	0.0004	-2.5 to 2.5	Pass
					138	0.555	0.0007	-2.5 to 2.5	Pass
				-30	120	0.319	0.0004	-2.5 to 2.5	Pass
				-20	120	0.303	0.0004	-2.5 to 2.5	Pass
				-10	120	0.954	0.0011	-2.5 to 2.5	Pass
				0	120	-0.505	-0.0006	-2.5 to 2.5	Pass
				10	120	0.777	0.0009	-2.5 to 2.5	Pass
				30	120	-0.244	-0.0003	-2.5 to 2.5	Pass
				40	120	0.490	0.0006	-2.5 to 2.5	Pass
	50	120	0.425	0.0005	-2.5 to 2.5	Pass			
	844	50	0	20	102	0.124	0.0001	-2.5 to 2.5	Pass
					120	0.510	0.0006	-2.5 to 2.5	Pass
					138	-0.056	-0.0001	-2.5 to 2.5	Pass
				-30	120	0.591	0.0007	-2.5 to 2.5	Pass
				-20	120	-0.467	-0.0006	-2.5 to 2.5	Pass
				-10	120	0.334	0.0004	-2.5 to 2.5	Pass
				0	120	1.266	0.0015	-2.5 to 2.5	Pass
				10	120	0.428	0.0005	-2.5 to 2.5	Pass
30				120	0.449	0.0005	-2.5 to 2.5	Pass	
40				120	-0.233	-0.0003	-2.5 to 2.5	Pass	
50	120	-0.465	-0.0006	-2.5 to 2.5	Pass				
16QAM	829	50	0	20	102	-0.095	-0.0001	-2.5 to 2.5	Pass
					120	0.416	0.0005	-2.5 to 2.5	Pass
					138	1.189	0.0014	-2.5 to 2.5	Pass
				-30	120	0.960	0.0012	-2.5 to 2.5	Pass
				-20	120	0.940	0.0011	-2.5 to 2.5	Pass
				-10	120	0.825	0.0010	-2.5 to 2.5	Pass
				0	120	0.036	0.0000	-2.5 to 2.5	Pass
				10	120	0.568	0.0007	-2.5 to 2.5	Pass
				30	120	0.713	0.0009	-2.5 to 2.5	Pass
				40	120	0.934	0.0011	-2.5 to 2.5	Pass
	50	120	0.460	0.0006	-2.5 to 2.5	Pass			
	836.5	50	0	20	102	-0.673	-0.0008	-2.5 to 2.5	Pass
					120	-0.212	-0.0003	-2.5 to 2.5	Pass
					138	0.456	0.0005	-2.5 to 2.5	Pass
				-30	120	0.418	0.0005	-2.5 to 2.5	Pass
				-20	120	-0.217	-0.0003	-2.5 to 2.5	Pass
				-10	120	-0.437	-0.0005	-2.5 to 2.5	Pass
				0	120	0.551	0.0007	-2.5 to 2.5	Pass
				10	120	0.382	0.0005	-2.5 to 2.5	Pass
				30	120	-1.109	-0.0013	-2.5 to 2.5	Pass
40				120	-0.708	-0.0008	-2.5 to 2.5	Pass	
50	120	-0.049	-0.0001	-2.5 to 2.5	Pass				

	844	50	0	20	102	0.462	0.0005	-2.5 to 2.5	Pass									
					120	-0.489	-0.0006	-2.5 to 2.5	Pass									
					138	-0.404	-0.0005	-2.5 to 2.5	Pass									
									-30	120	-0.591	-0.0007	-2.5 to 2.5	Pass				
									-20	120	0.657	0.0008	-2.5 to 2.5	Pass				
									-10	120	0.185	0.0002	-2.5 to 2.5	Pass				
									0	120	-0.395	-0.0005	-2.5 to 2.5	Pass				
									10	120	0.892	0.0011	-2.5 to 2.5	Pass				
									30	120	0.480	0.0006	-2.5 to 2.5	Pass				
									40	120	-0.054	-0.0001	-2.5 to 2.5	Pass				
									50	120	-1.232	-0.0015	-2.5 to 2.5	Pass				
									64QAM	829	50	0	20	102	0.775	0.0009	-2.5 to 2.5	Pass
														120	0.037	0.0000	-2.5 to 2.5	Pass
138	0.433	0.0005	-2.5 to 2.5	Pass														
					-30	120	0.387	0.0005					-2.5 to 2.5	Pass				
					-20	120	0.573	0.0007					-2.5 to 2.5	Pass				
					-10	120	1.876	0.0023					-2.5 to 2.5	Pass				
					0	120	0.666	0.0008					-2.5 to 2.5	Pass				
					10	120	1.248	0.0015					-2.5 to 2.5	Pass				
					30	120	0.596	0.0007					-2.5 to 2.5	Pass				
					40	120	0.451	0.0005					-2.5 to 2.5	Pass				
					50	120	0.082	0.0001		-2.5 to 2.5	Pass							
						836.5	50	0		20	102	-0.283	-0.0003	-2.5 to 2.5	Pass			
											120	0.034	0.0000	-2.5 to 2.5	Pass			
138	-0.577	-0.0007	-2.5 to 2.5	Pass														
									-30	120	-0.561	-0.0007	-2.5 to 2.5	Pass				
									-20	120	0.259	0.0003	-2.5 to 2.5	Pass				
									-10	120	0.343	0.0004	-2.5 to 2.5	Pass				
									0	120	-0.321	-0.0004	-2.5 to 2.5	Pass				
									10	120	1.272	0.0015	-2.5 to 2.5	Pass				
									30	120	0.170	0.0002	-2.5 to 2.5	Pass				
									40	120	0.480	0.0006	-2.5 to 2.5	Pass				
					50	120	0.421	0.0005	-2.5 to 2.5	Pass								
						844	50	0	20	102	-1.008	-0.0012	-2.5 to 2.5	Pass				
										120	-0.428	-0.0005	-2.5 to 2.5	Pass				
138	-0.373	-0.0004	-2.5 to 2.5	Pass														
									-30	120	-1.179	-0.0014	-2.5 to 2.5	Pass				
									-20	120	-0.200	-0.0002	-2.5 to 2.5	Pass				
									-10	120	-0.390	-0.0005	-2.5 to 2.5	Pass				
									0	120	-0.909	-0.0011	-2.5 to 2.5	Pass				
									10	120	-0.976	-0.0012	-2.5 to 2.5	Pass				
									30	120	0.458	0.0005	-2.5 to 2.5	Pass				
									40	120	-0.488	-0.0006	-2.5 to 2.5	Pass				
					50	120	-0.857	-0.0010	-2.5 to 2.5	Pass								

3. 99% & 26dB Bandwidth

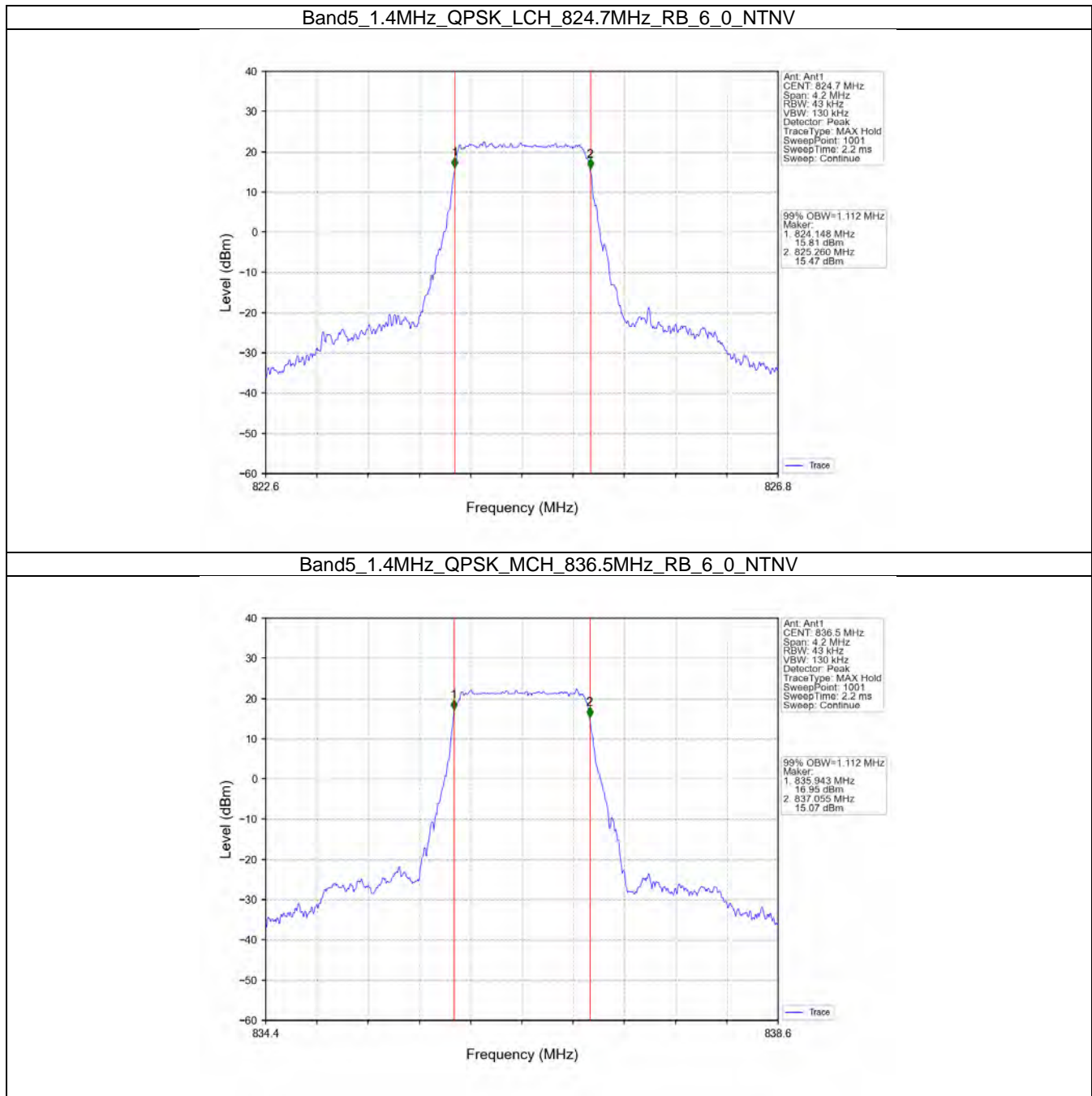
3.1 Band5_OBW

3.1.1 Test Result

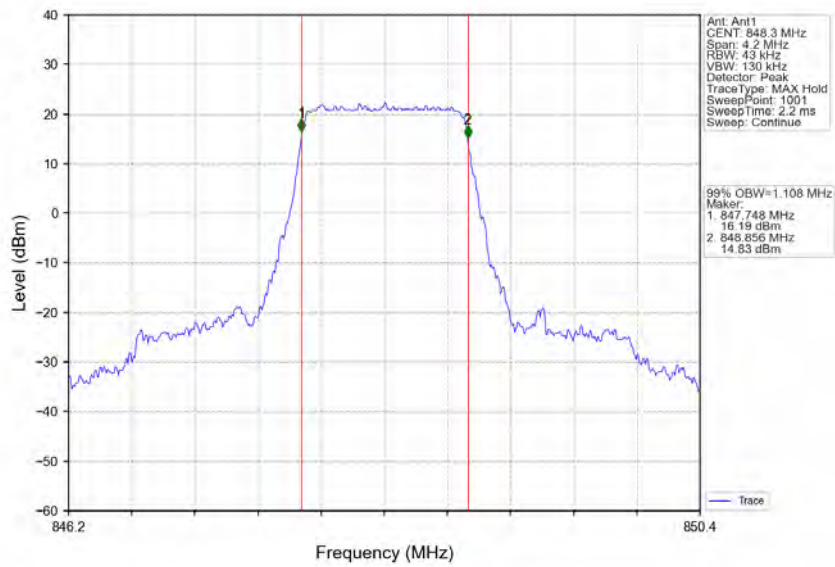
Band: 5 / NTVV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	824.7	6	0	1.112	/	Pass

	16QAM	836.5	6	0	1.112	/	Pass
		848.3	6	0	1.108	/	Pass
		824.7	6	0	1.105	/	Pass
	64QAM	836.5	6	0	1.113	/	Pass
		848.3	6	0	1.104	/	Pass
		824.7	6	0	1.119	/	Pass
		836.5	6	0	1.112	/	Pass
		848.3	6	0	1.121	/	Pass
		825.5	6	0	1.112	/	Pass
3	QPSK	825.5	15	0	2.750	/	Pass
		836.5	15	0	2.732	/	Pass
		847.5	15	0	2.743	/	Pass
	16QAM	825.5	15	0	2.735	/	Pass
		836.5	15	0	2.737	/	Pass
		847.5	15	0	2.723	/	Pass
	64QAM	825.5	15	0	2.721	/	Pass
		836.5	15	0	2.731	/	Pass
		847.5	15	0	2.732	/	Pass
5	QPSK	826.5	25	0	4.558	/	Pass
		836.5	25	0	4.535	/	Pass
		846.5	25	0	4.547	/	Pass
	16QAM	826.5	25	0	4.528	/	Pass
		836.5	25	0	4.561	/	Pass
		846.5	25	0	4.570	/	Pass
	64QAM	826.5	25	0	4.531	/	Pass
		836.5	25	0	4.556	/	Pass
		846.5	25	0	4.536	/	Pass
10	QPSK	829	50	0	9.045	/	Pass
		836.5	50	0	9.012	/	Pass
		844	50	0	9.042	/	Pass
	16QAM	829	50	0	9.013	/	Pass
		836.5	50	0	9.021	/	Pass
		844	50	0	9.031	/	Pass
	64QAM	829	50	0	9.033	/	Pass
		836.5	50	0	9.016	/	Pass
		844	50	0	9.035	/	Pass

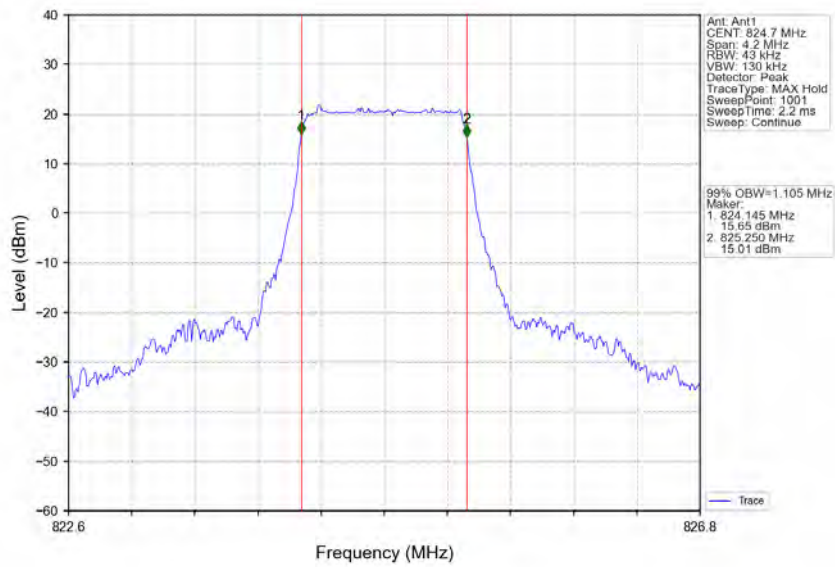
3.1.2 Test Graph



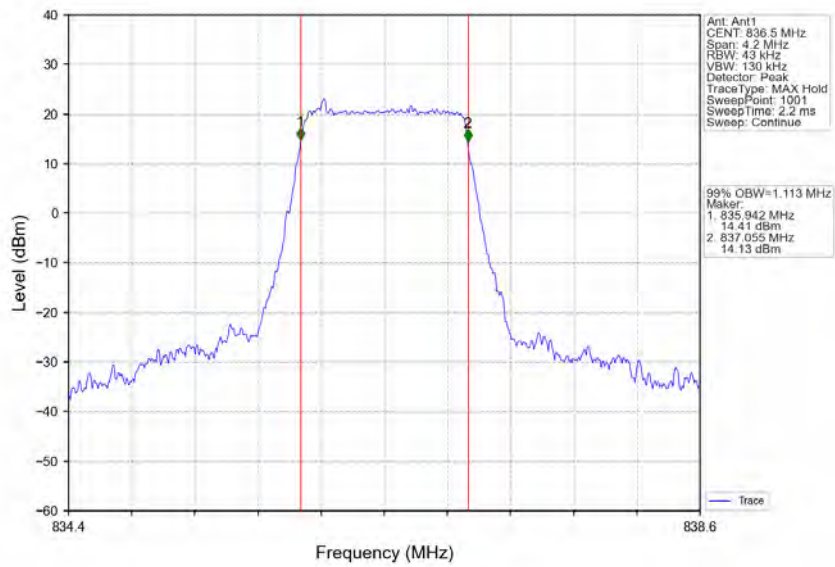
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



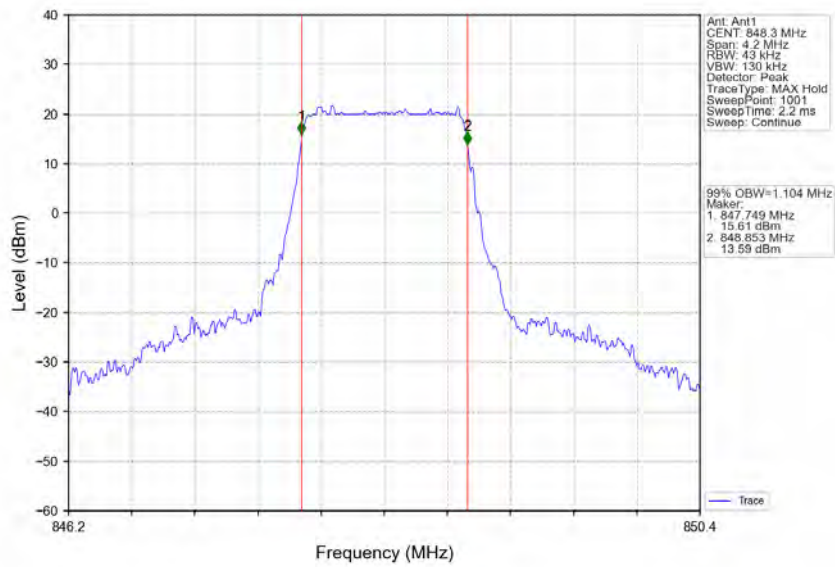
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



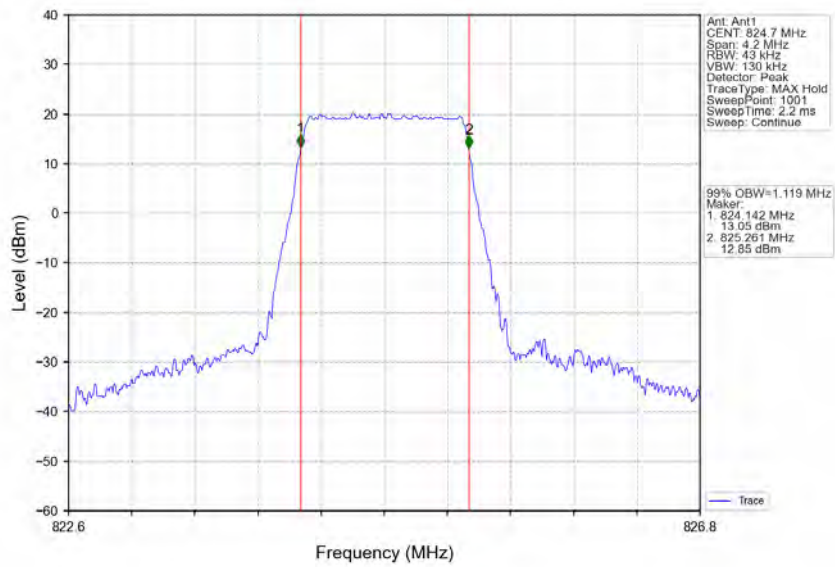
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



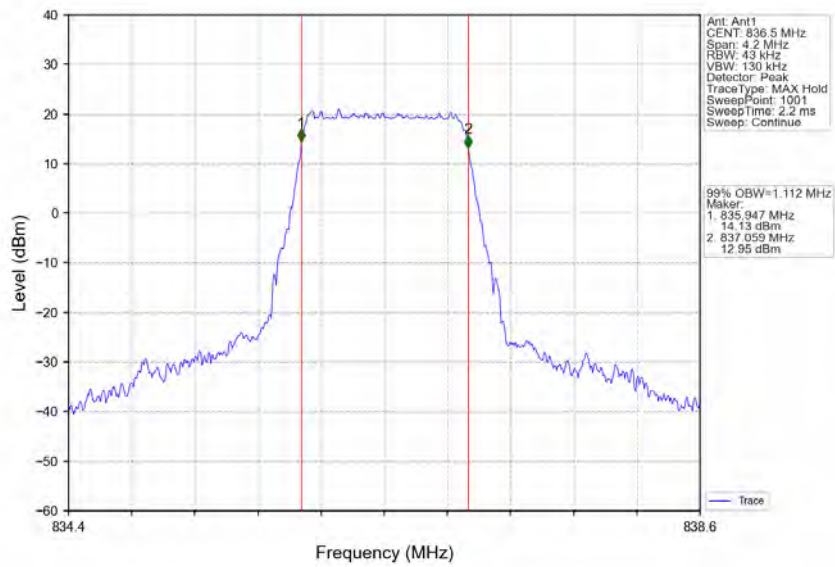
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



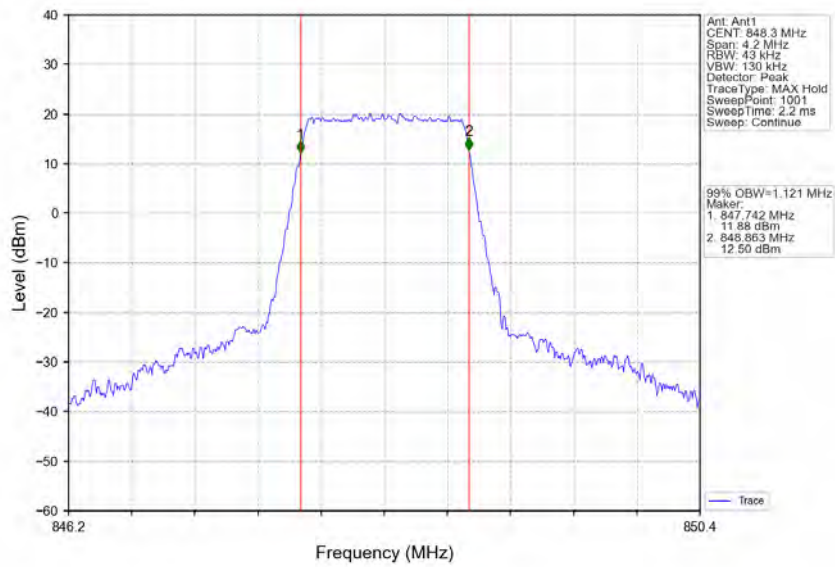
Band5_1.4MHz_64QAM_LCH_824.7MHz_RB_6_0_NTNV



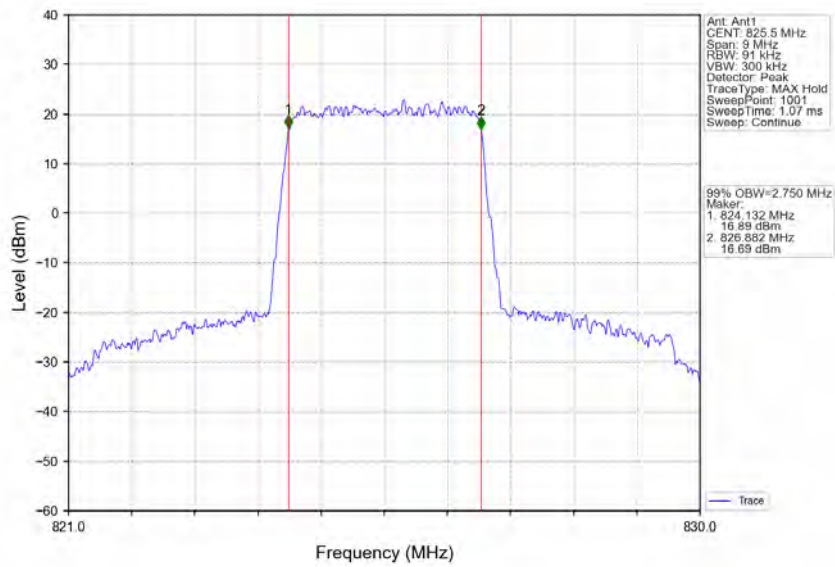
Band5_1.4MHz_64QAM_MCH_836.5MHz_RB_6_0_NTNV



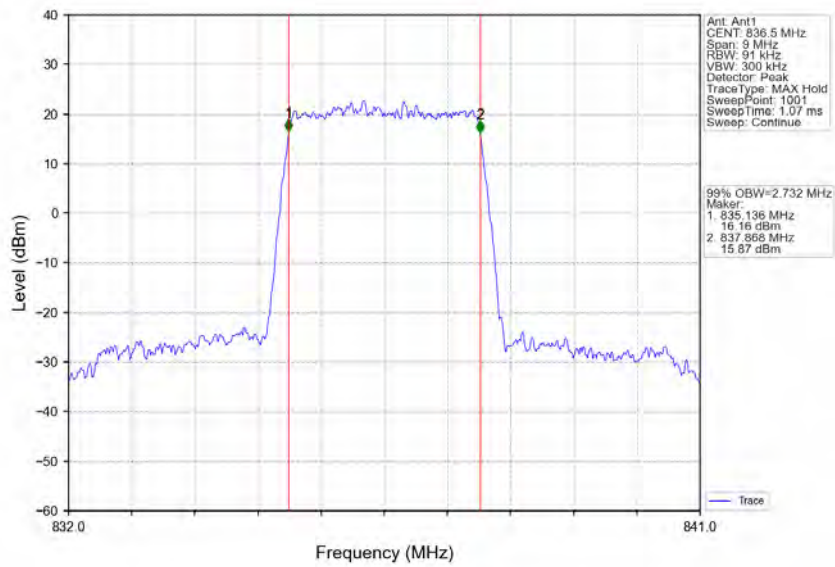
Band5_1.4MHz_64QAM_HCH_848.3MHz_RB_6_0_NTNV



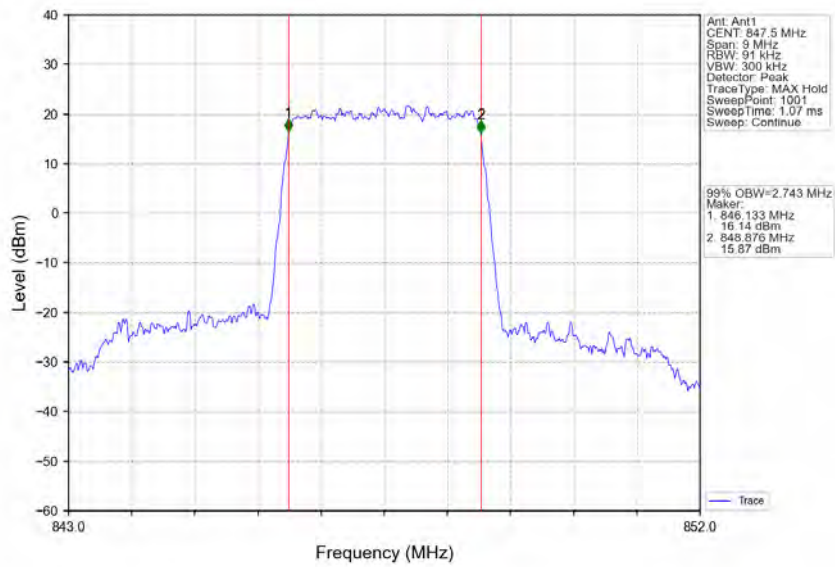
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



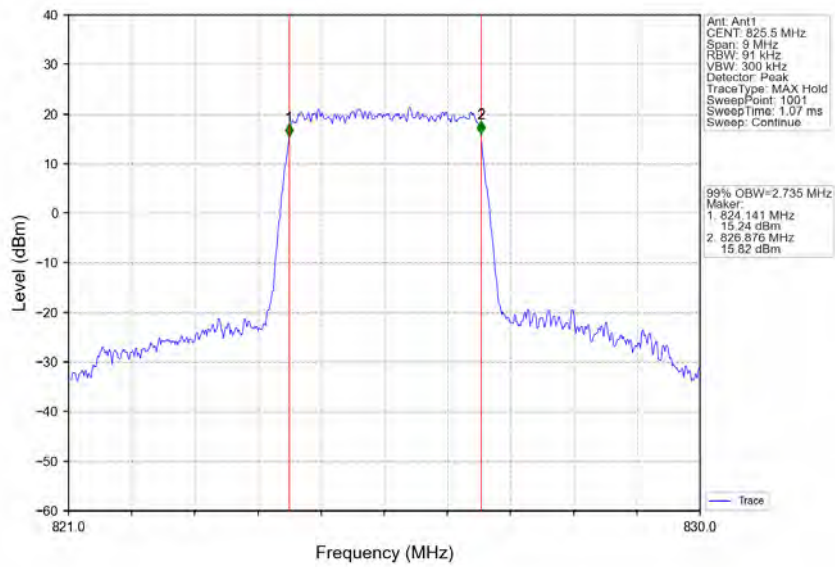
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



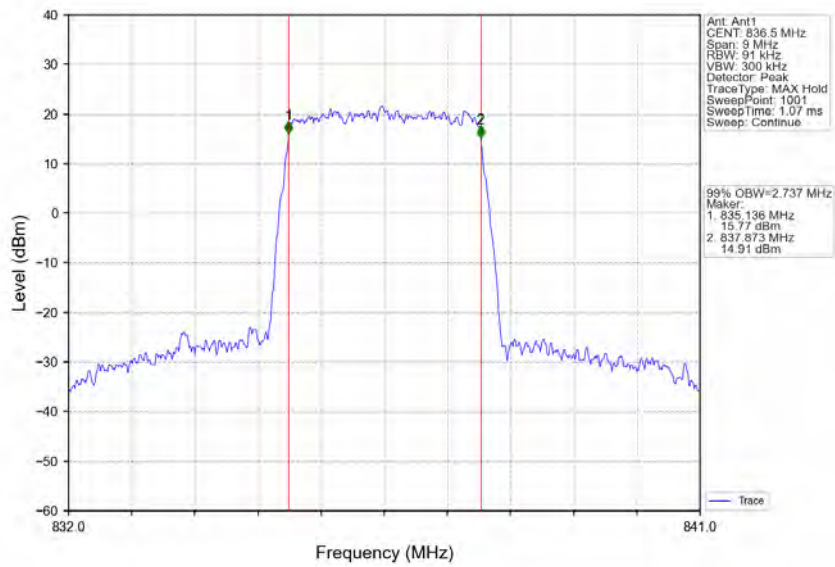
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



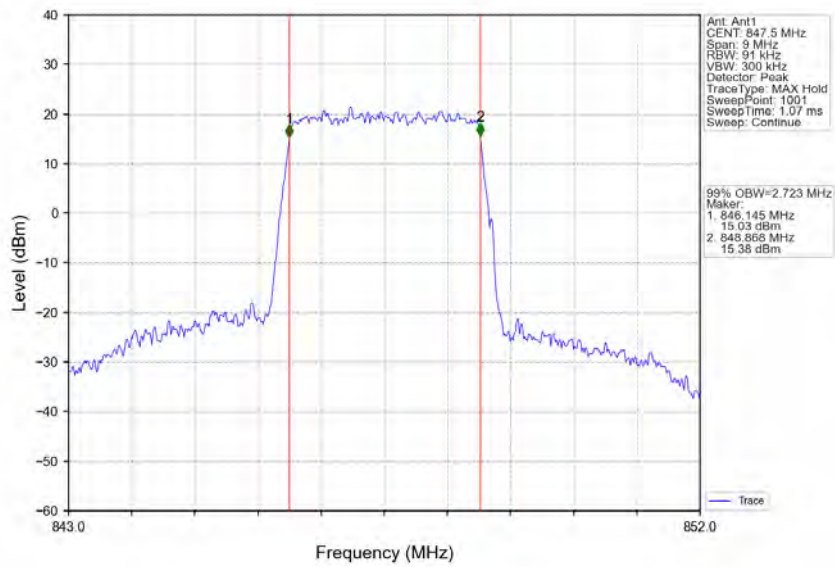
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



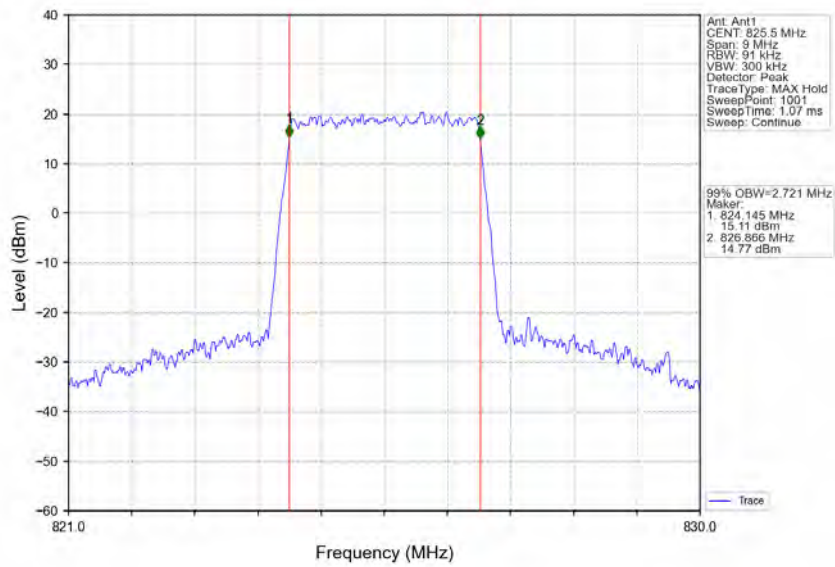
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



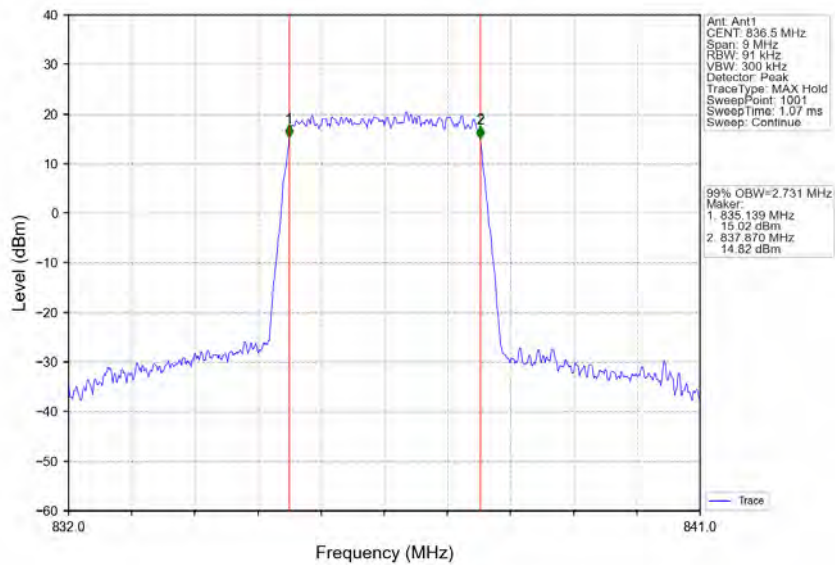
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



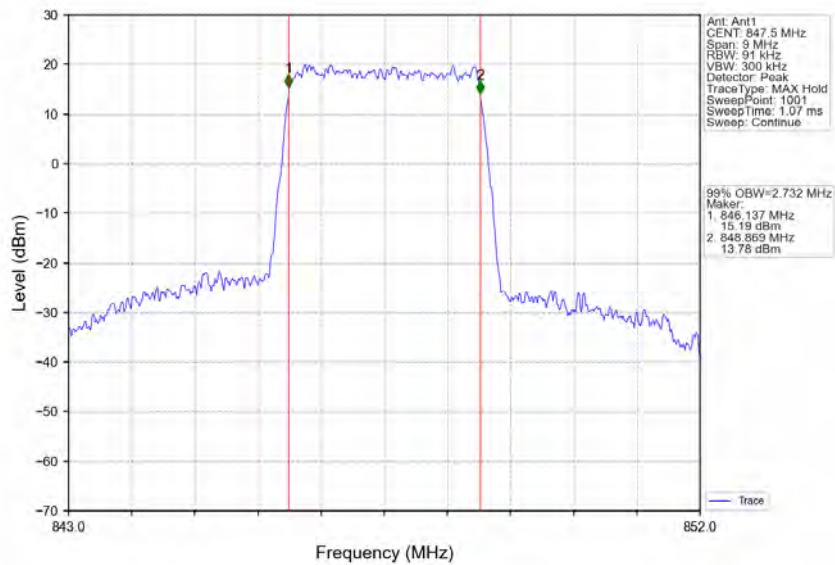
Band5_3MHz_64QAM_LCH_825.5MHz_RB_15_0_NTNV



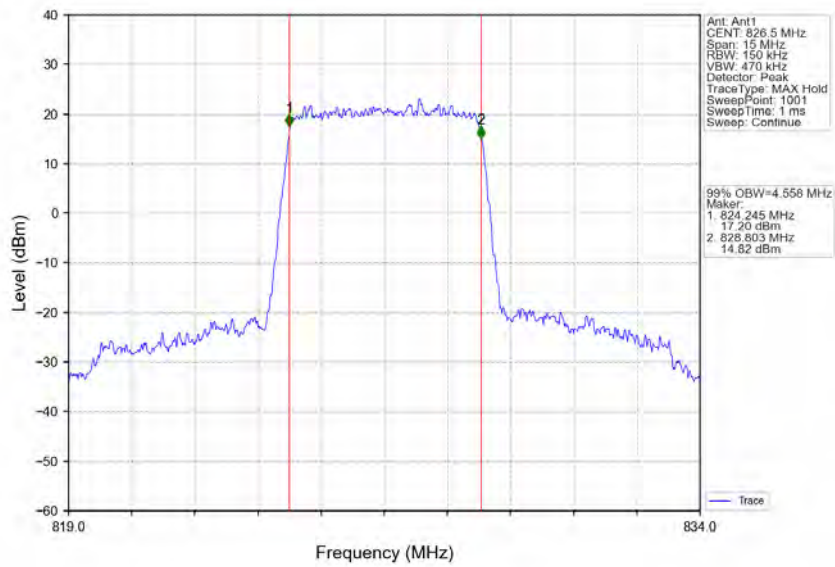
Band5_3MHz_64QAM_MCH_836.5MHz_RB_15_0_NTNV



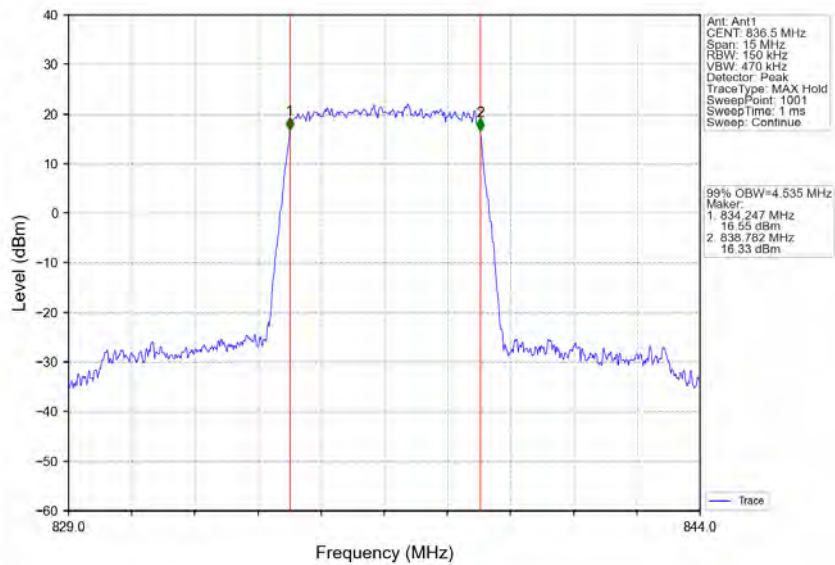
Band5_3MHz_64QAM_HCH_847.5MHz_RB_15_0_NTNV



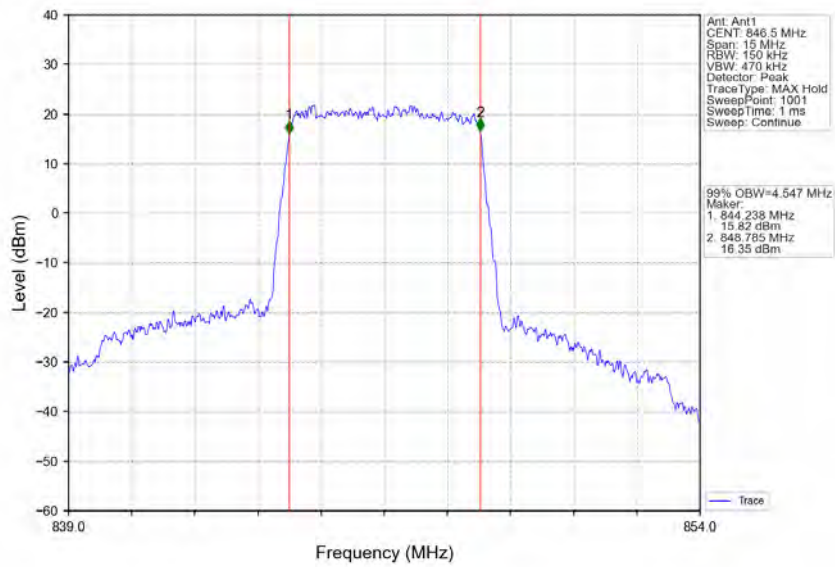
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



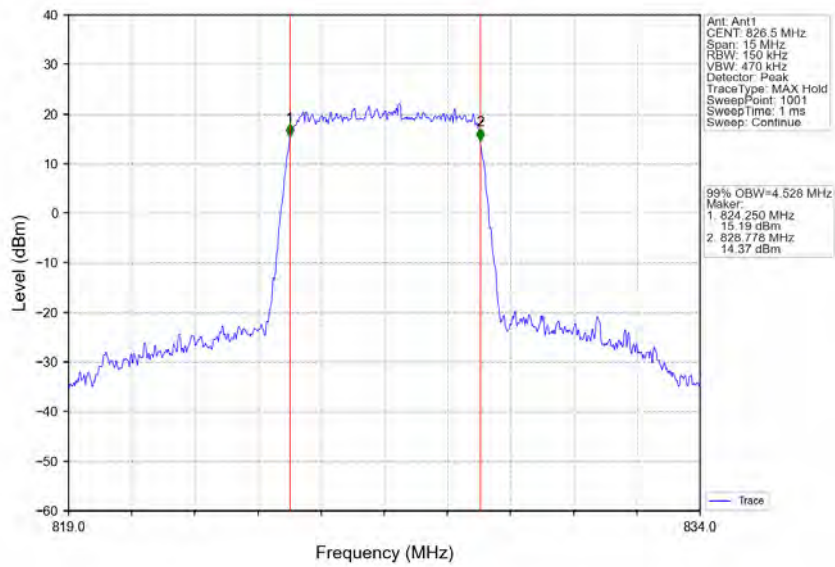
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



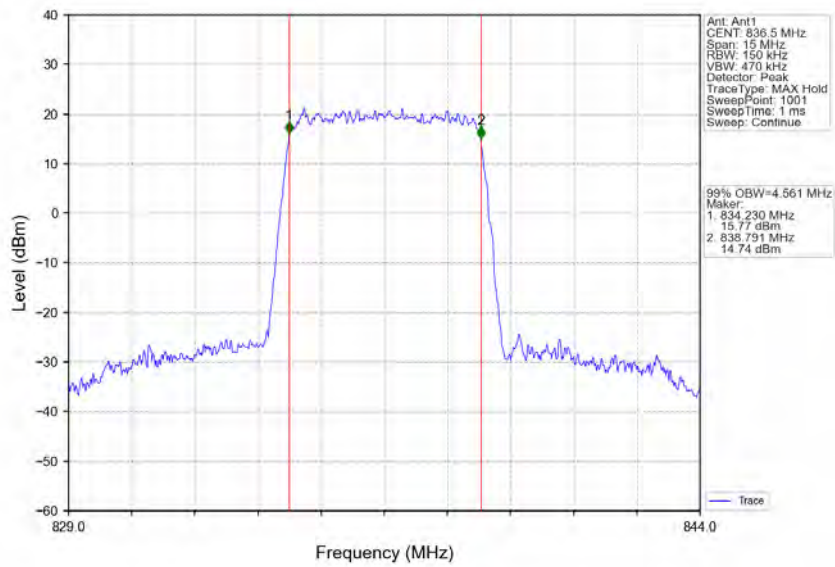
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



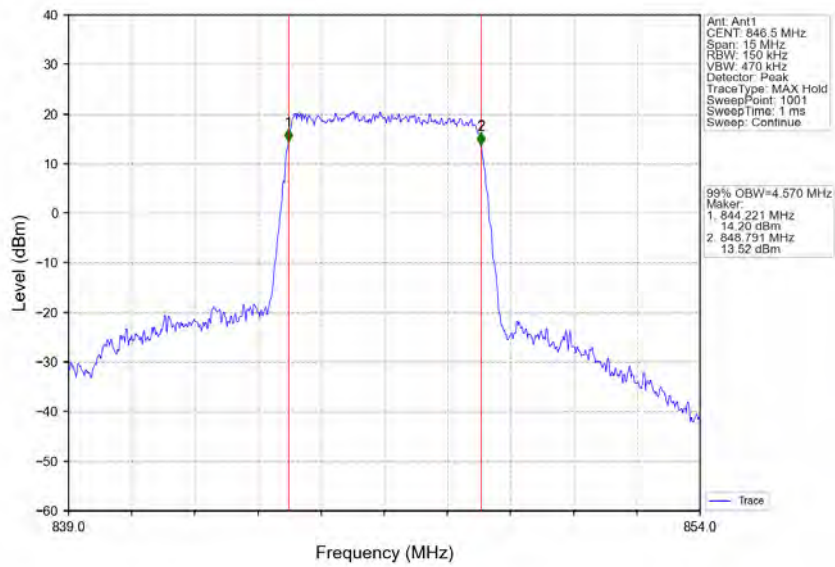
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



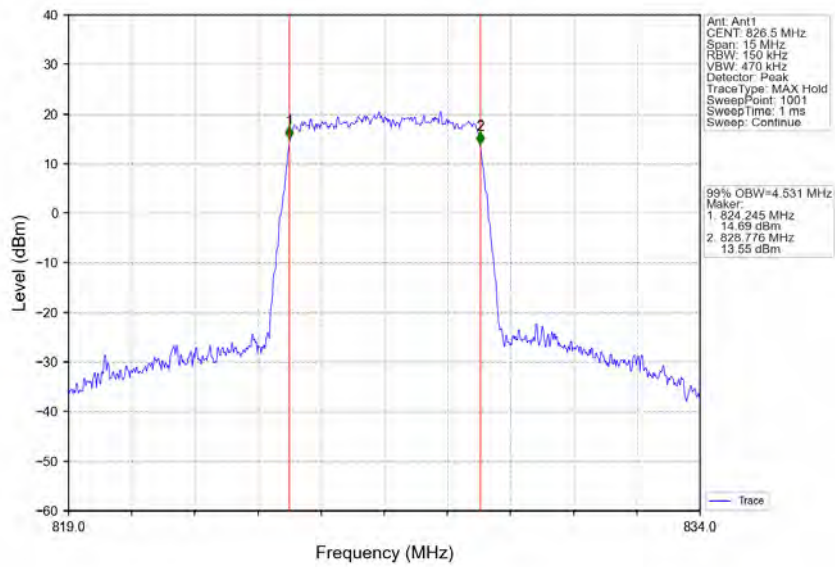
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



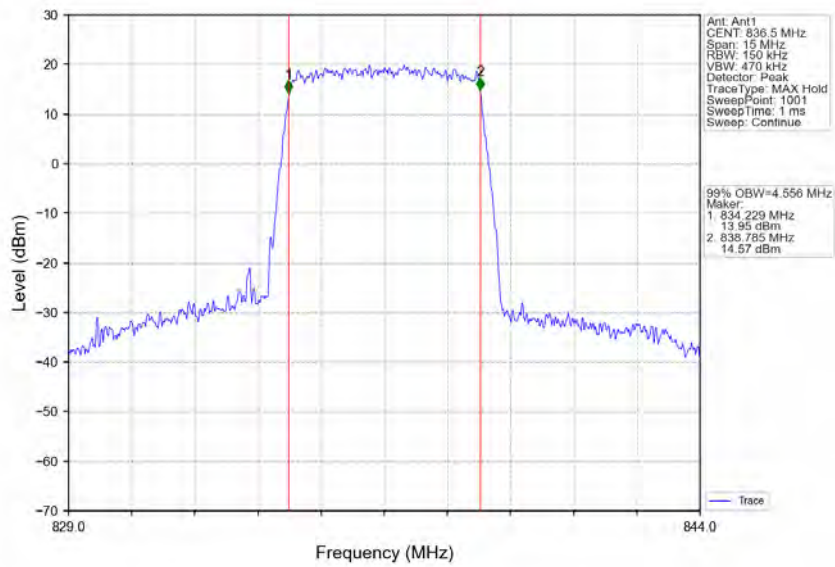
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



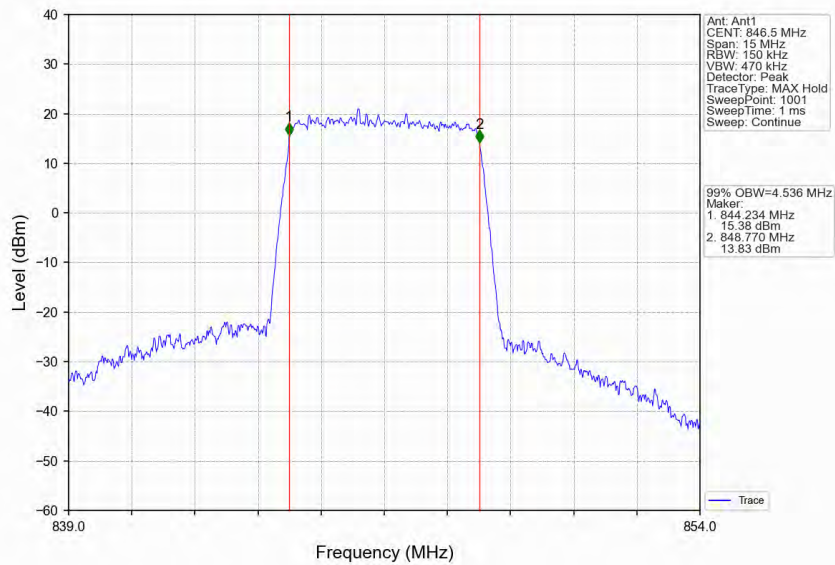
Band5_5MHz_64QAM_LCH_826.5MHz_RB_25_0_NTNV



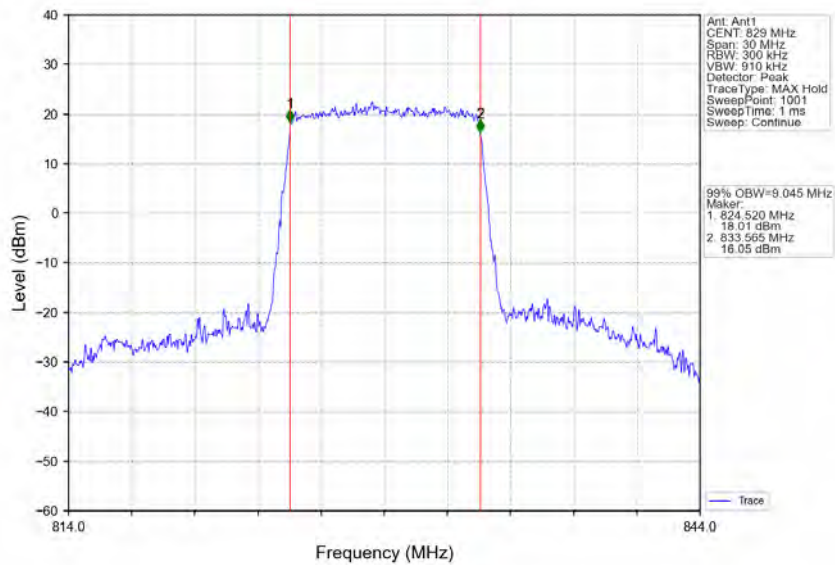
Band5_5MHz_64QAM_MCH_836.5MHz_RB_25_0_NTNV



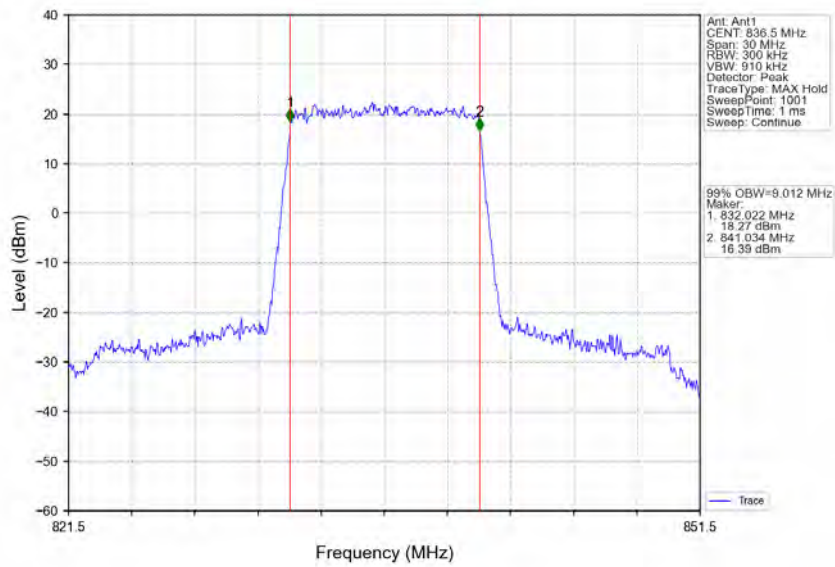
Band5_5MHz_64QAM_HCH_846.5MHz_RB_25_0_NTNV



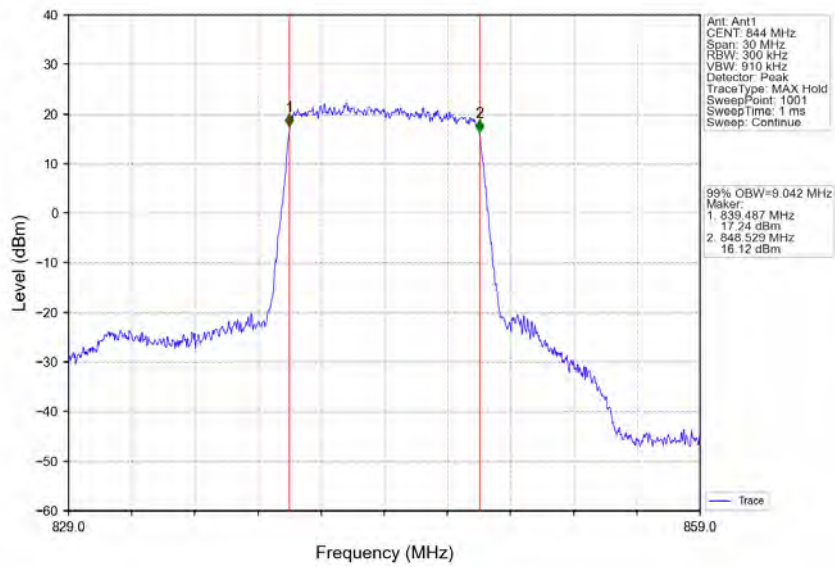
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



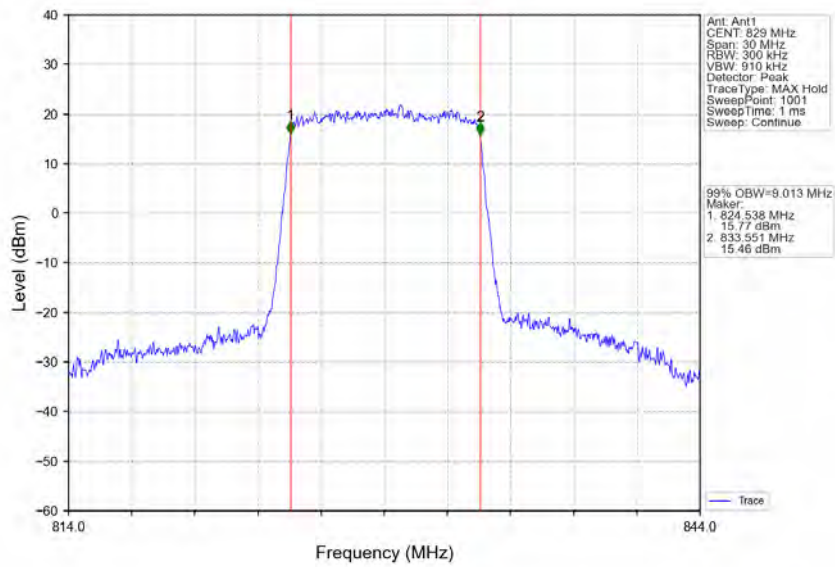
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



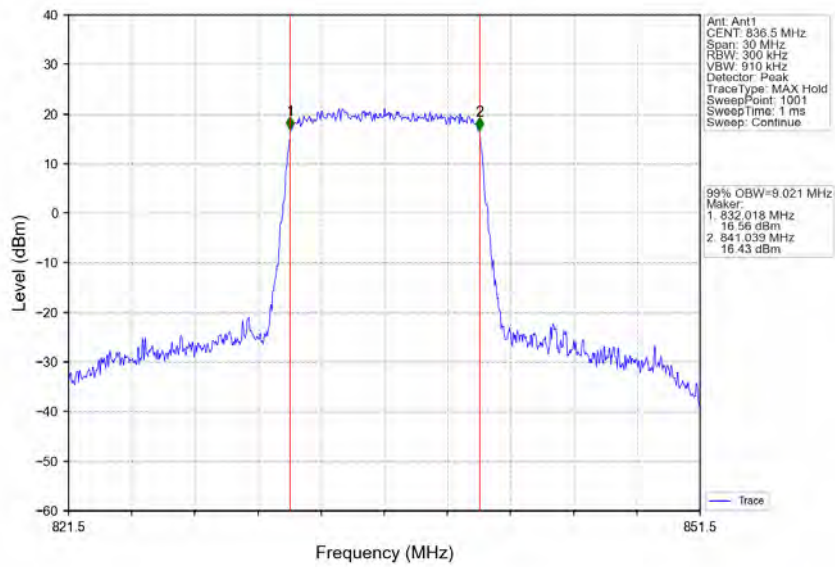
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



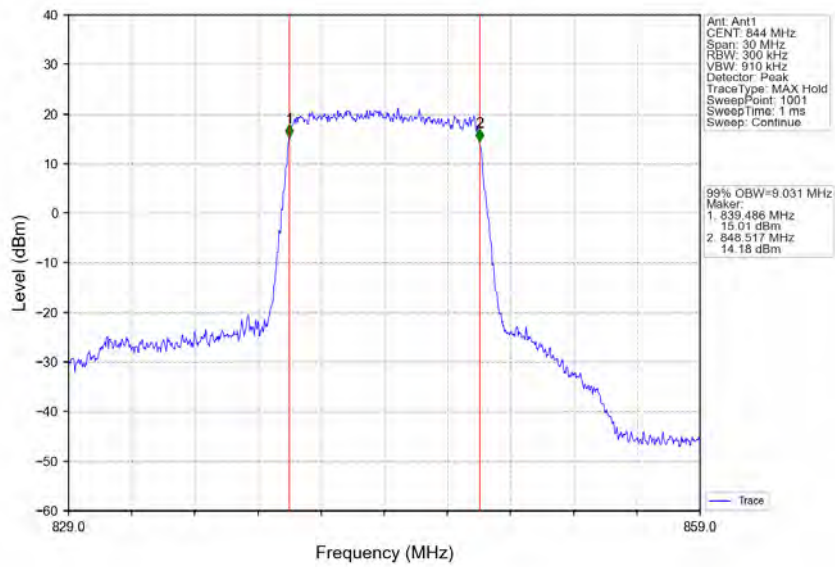
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



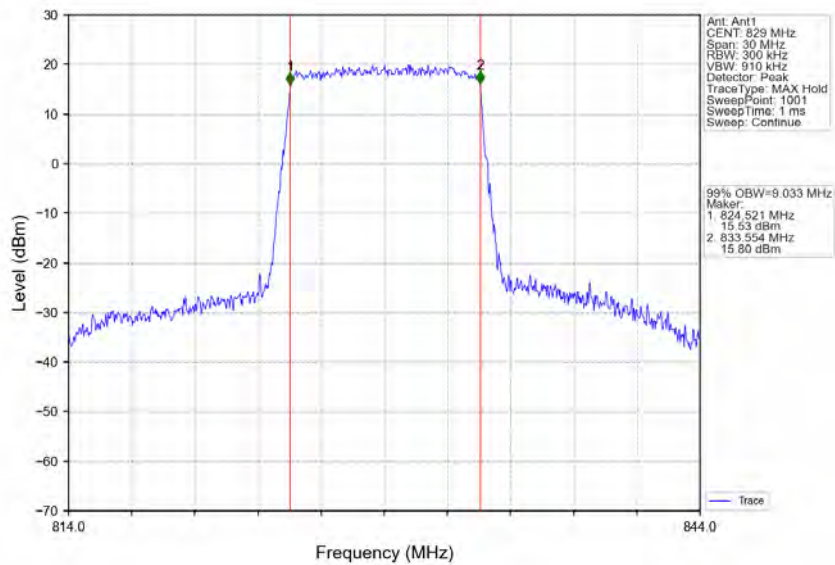
Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



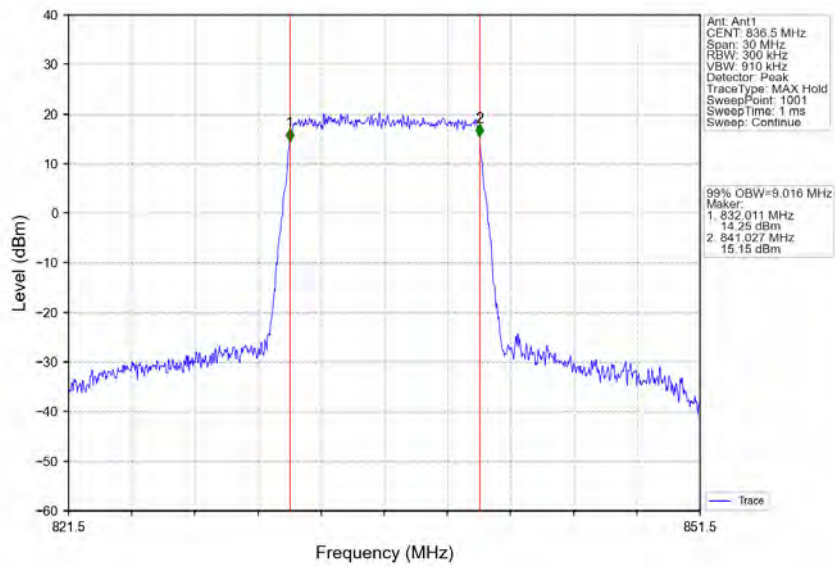
Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



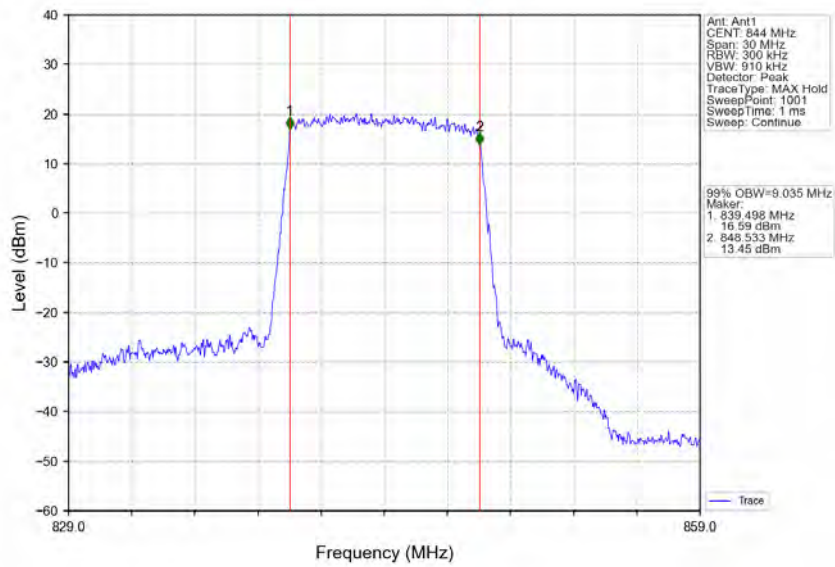
Band5_10MHz_64QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_64QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_64QAM_HCH_844MHz_RB_50_0_NTNV

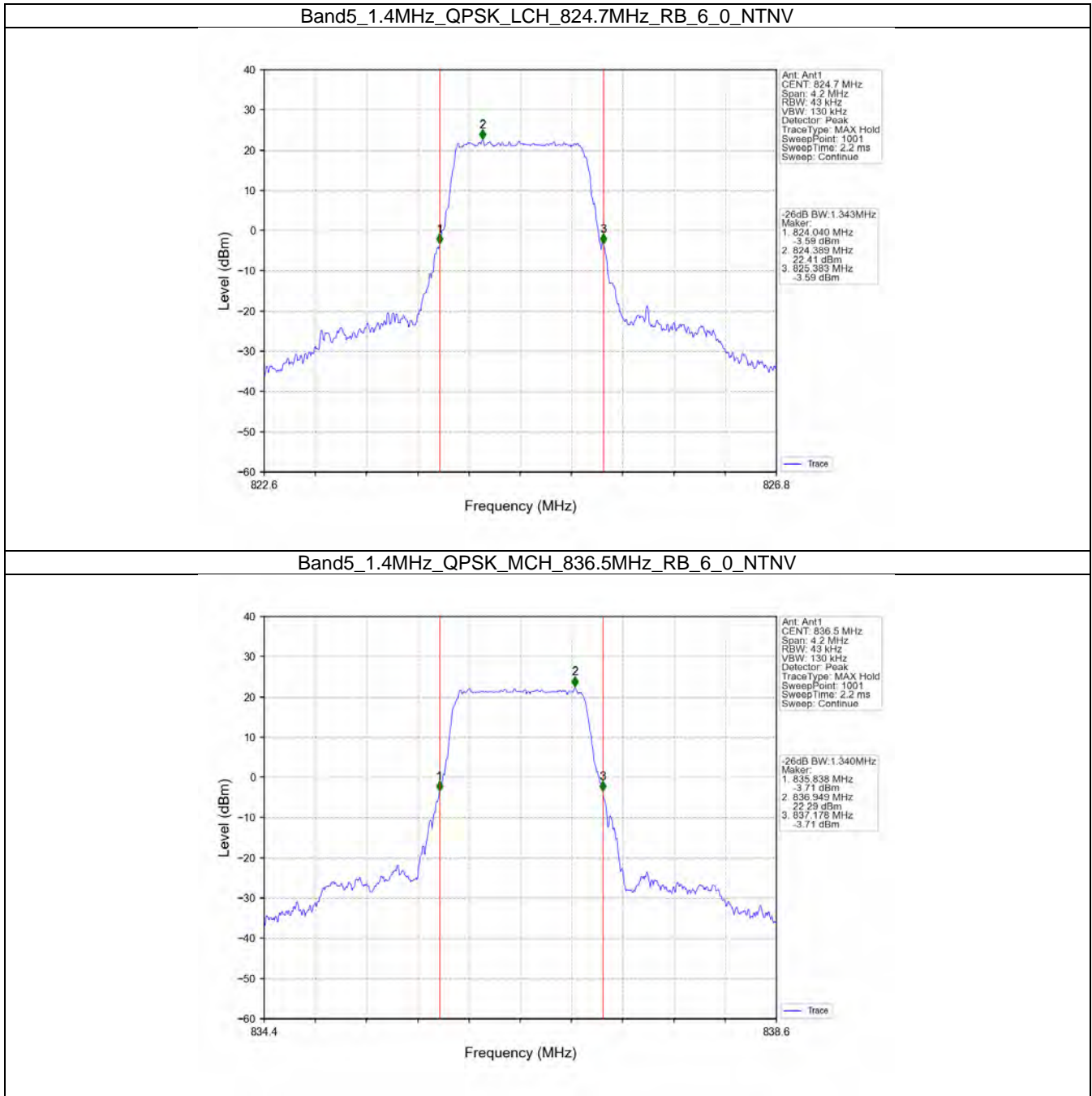


3.2 Band5_XDB

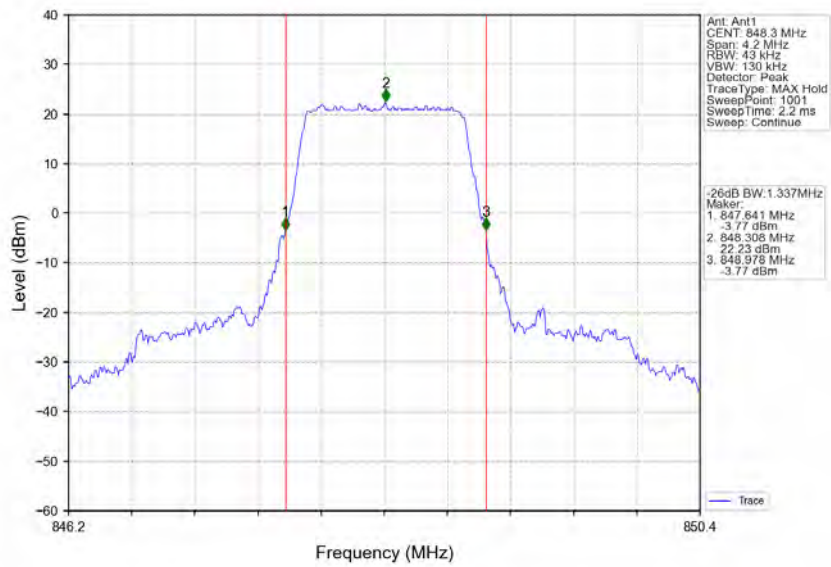
3.2.1 Test Result

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	1.343	/	Pass
		836.5	6	0	1.340	/	Pass
		848.3	6	0	1.337	/	Pass
	16QAM	824.7	6	0	1.300	/	Pass
		836.5	6	0	1.314	/	Pass
		848.3	6	0	1.308	/	Pass
	64QAM	824.7	6	0	1.334	/	Pass
		836.5	6	0	1.321	/	Pass
		848.3	6	0	1.339	/	Pass
3	QPSK	825.5	15	0	3.061	/	Pass
		836.5	15	0	3.055	/	Pass
		847.5	15	0	3.045	/	Pass
	16QAM	825.5	15	0	3.060	/	Pass
		836.5	15	0	3.060	/	Pass
		847.5	15	0	3.070	/	Pass
	64QAM	825.5	15	0	3.051	/	Pass
		836.5	15	0	3.041	/	Pass
		847.5	15	0	3.062	/	Pass
5	QPSK	826.5	25	0	5.074	/	Pass
		836.5	25	0	5.071	/	Pass
		846.5	25	0	5.066	/	Pass
	16QAM	826.5	25	0	5.055	/	Pass
		836.5	25	0	5.104	/	Pass
		846.5	25	0	5.104	/	Pass
	64QAM	826.5	25	0	5.055	/	Pass
		836.5	25	0	5.116	/	Pass
		846.5	25	0	5.055	/	Pass
10	QPSK	829	50	0	10.034	/	Pass
		836.5	50	0	10.010	/	Pass
		844	50	0	10.009	/	Pass
	16QAM	829	50	0	9.979	/	Pass
		836.5	50	0	10.005	/	Pass
		844	50	0	10.042	/	Pass
	64QAM	829	50	0	10.083	/	Pass
		836.5	50	0	10.091	/	Pass
		844	50	0	10.012	/	Pass

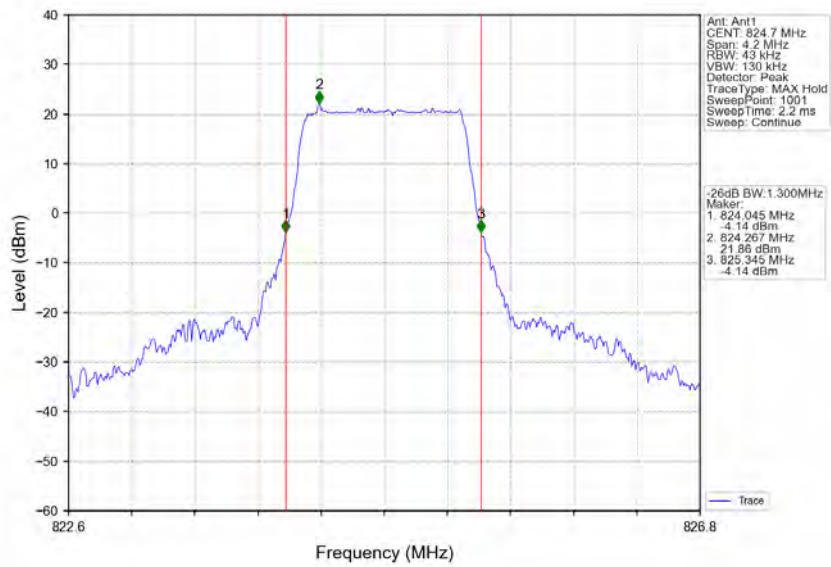
3.2.2 Test Graph



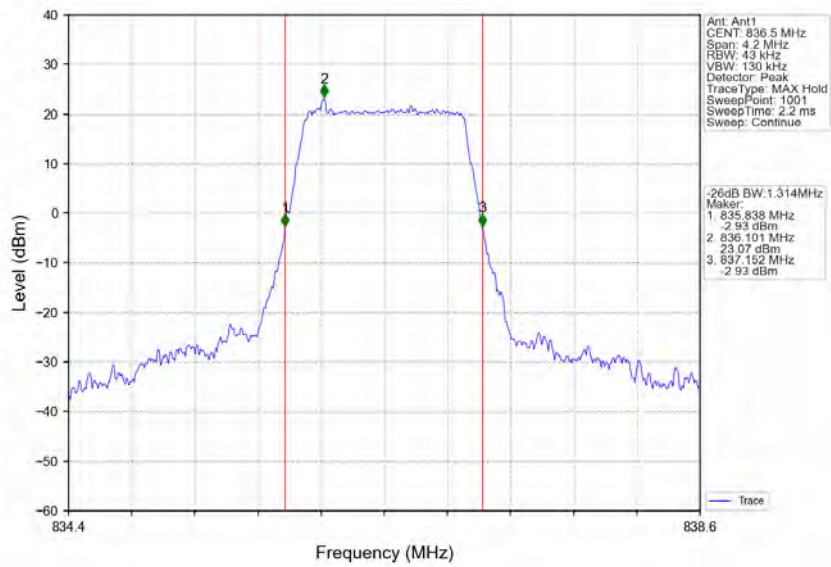
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



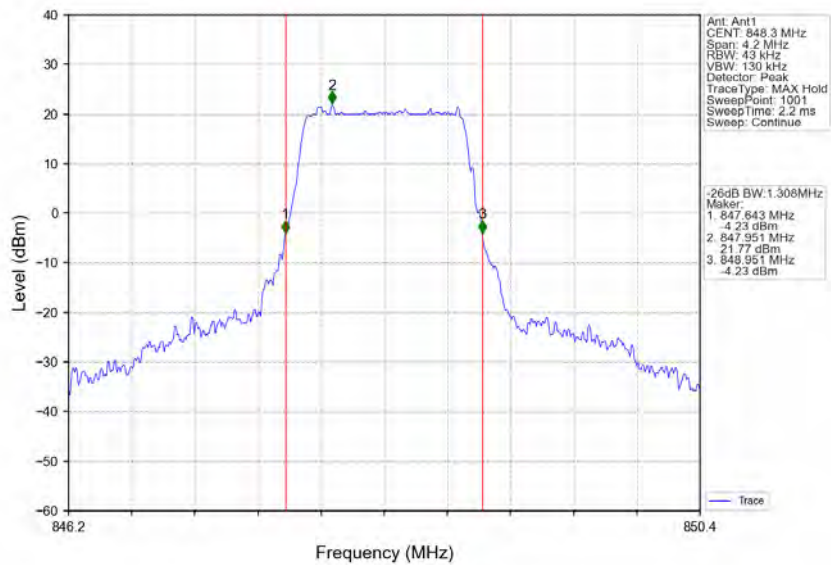
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



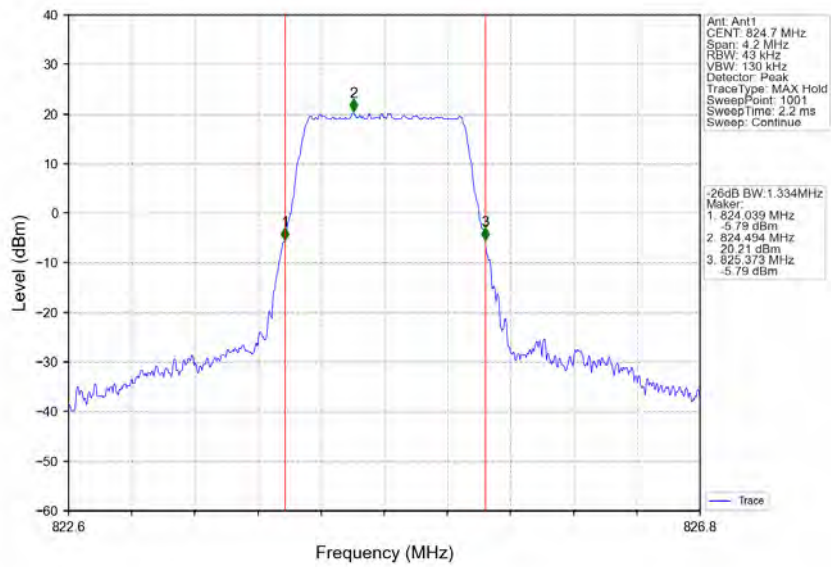
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



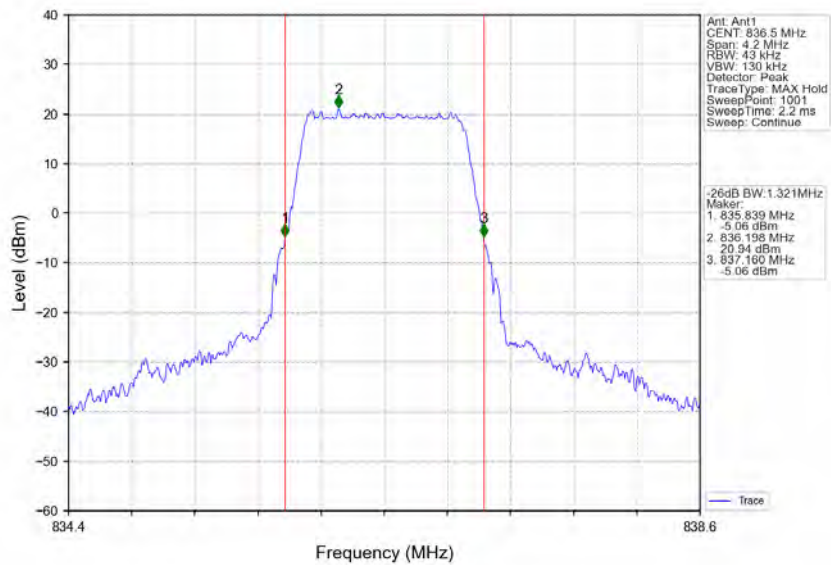
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



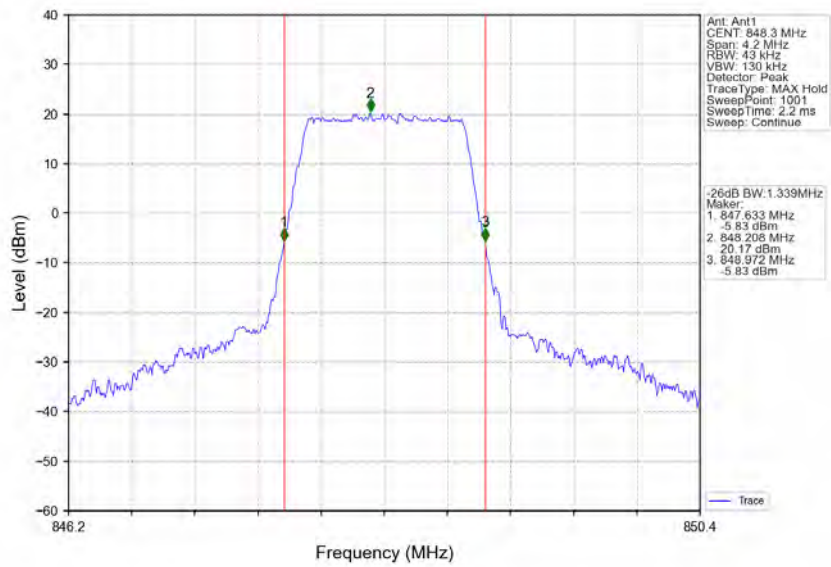
Band5_1.4MHz_64QAM_LCH_824.7MHz_RB_6_0_NTNV



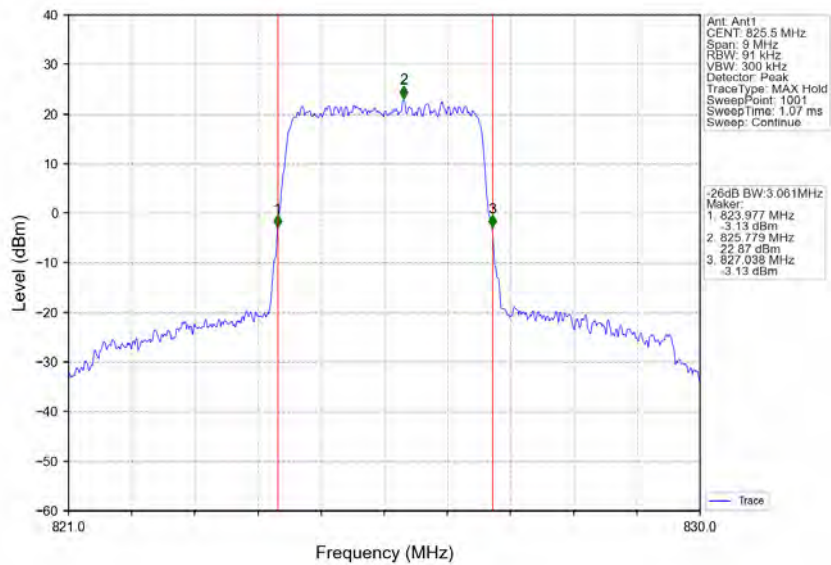
Band5_1.4MHz_64QAM_MCH_836.5MHz_RB_6_0_NTNV



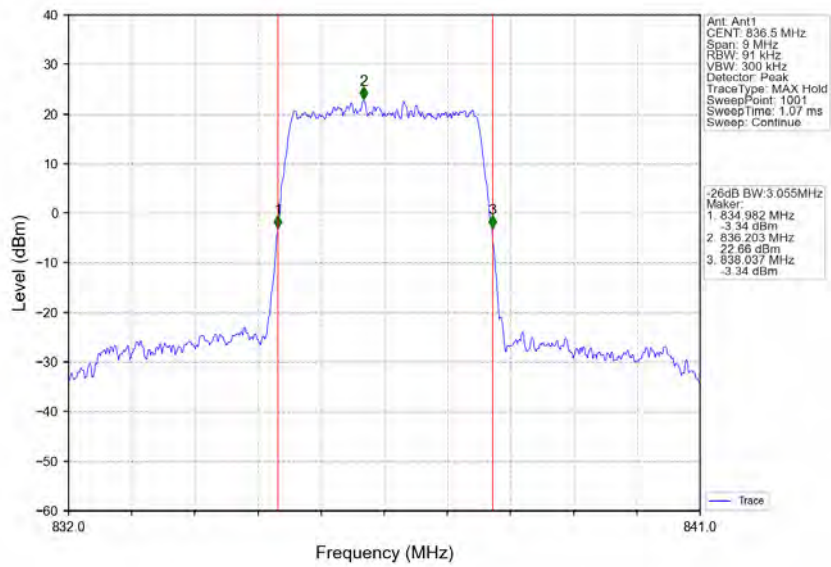
Band5_1.4MHz_64QAM_HCH_848.3MHz_RB_6_0_NTNV



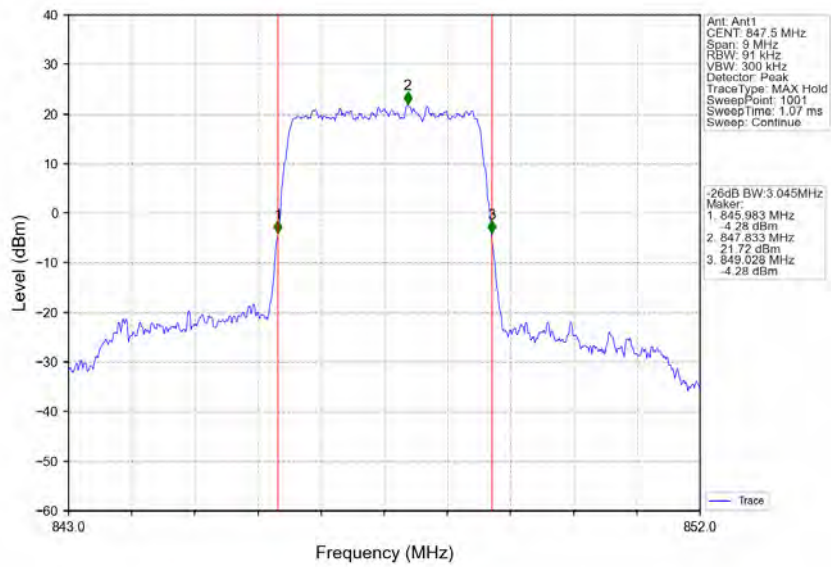
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



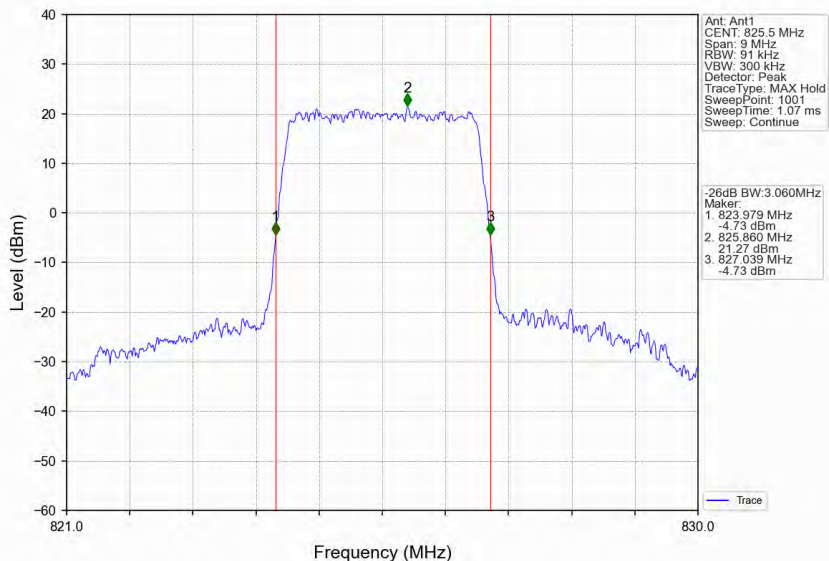
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



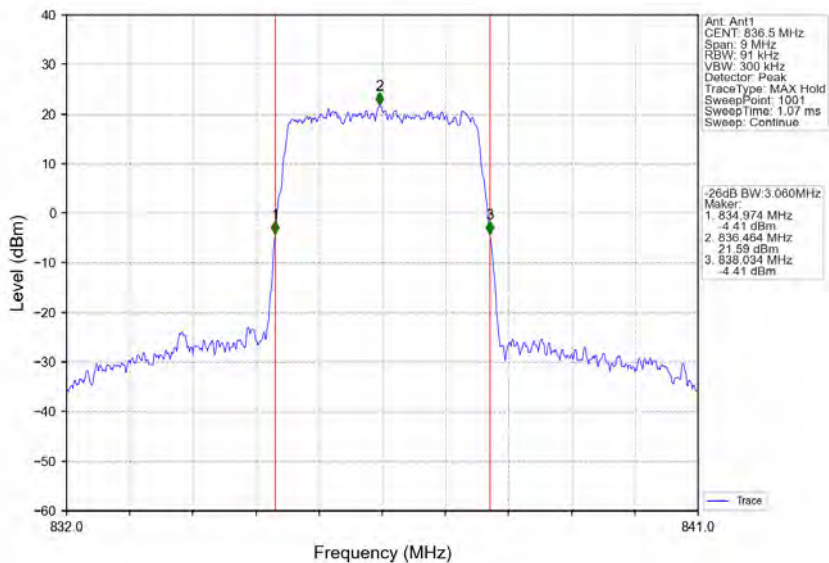
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



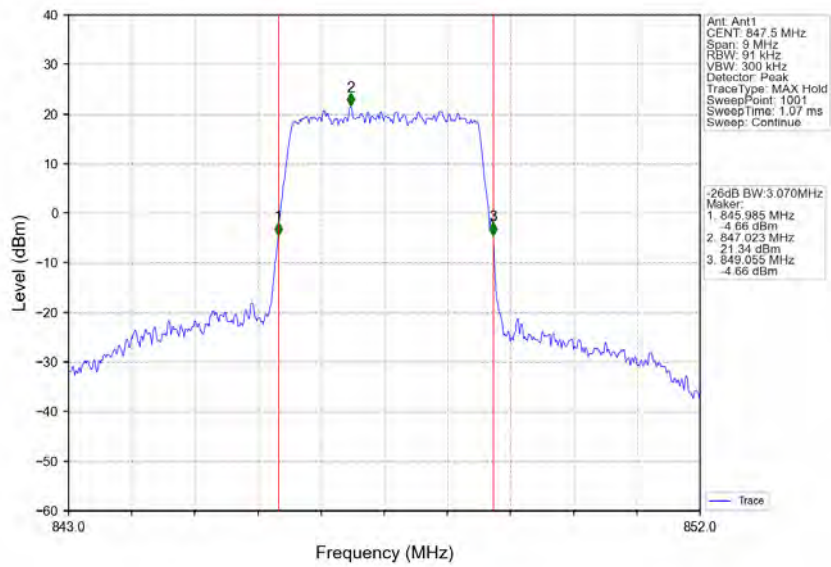
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



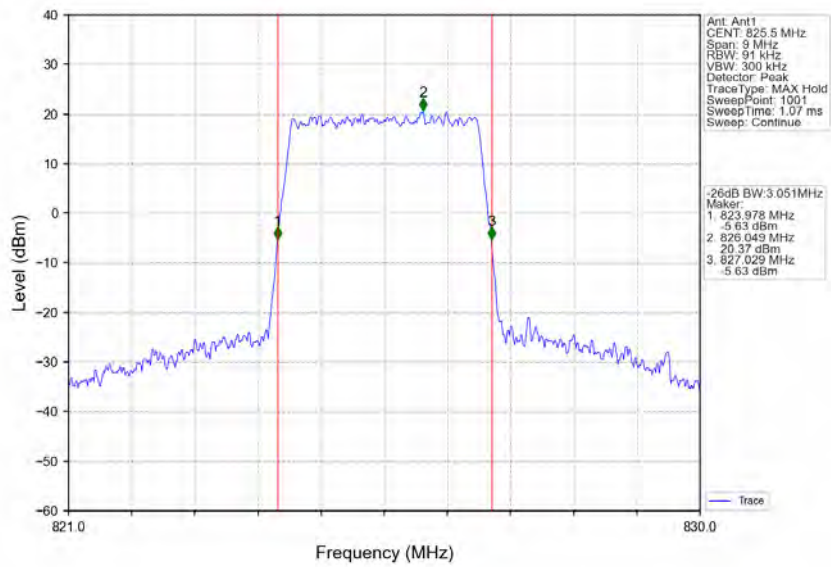
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



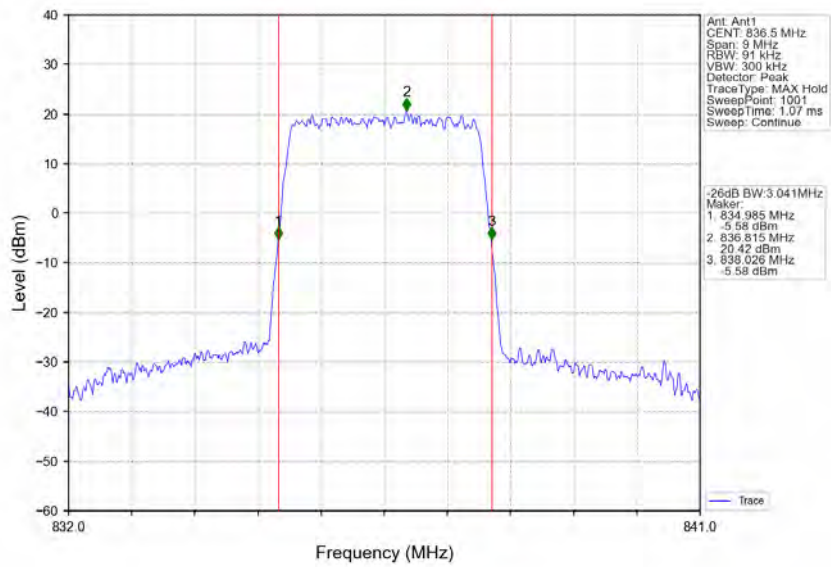
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



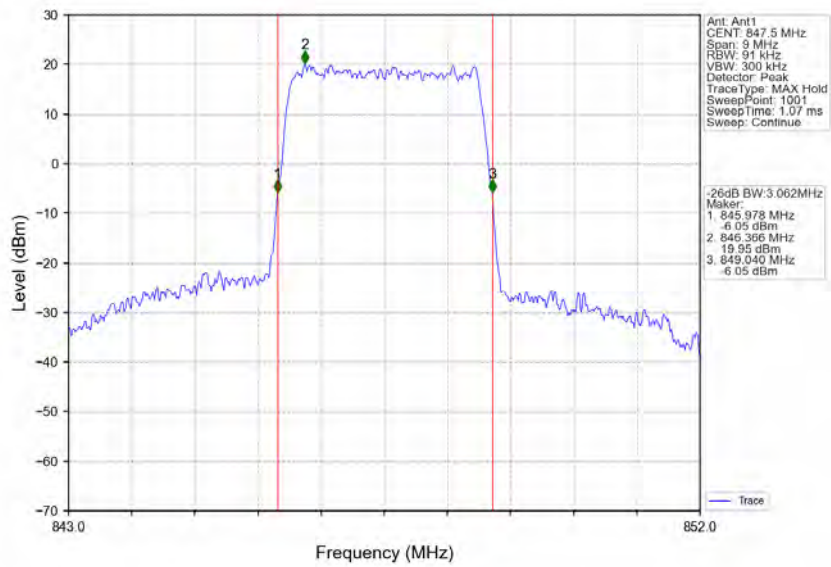
Band5_3MHz_64QAM_LCH_825.5MHz_RB_15_0_NTNV



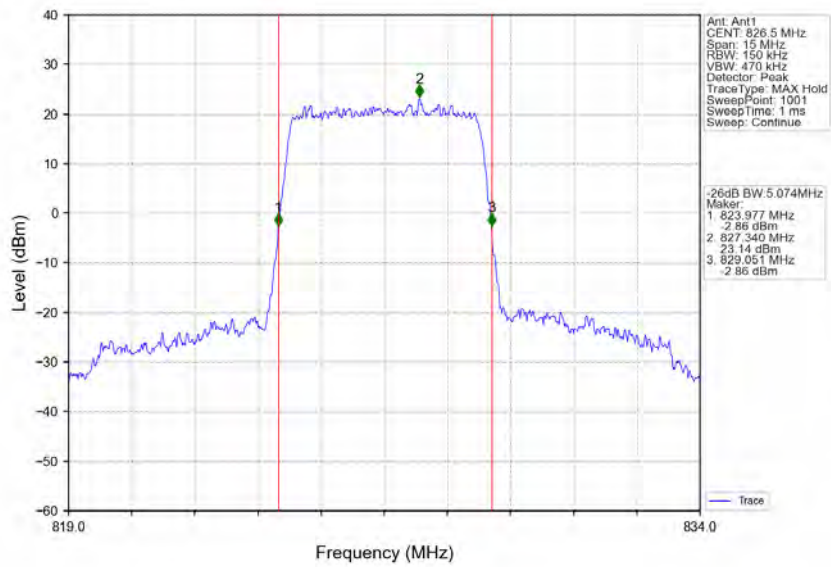
Band5_3MHz_64QAM_MCH_836.5MHz_RB_15_0_NTNV



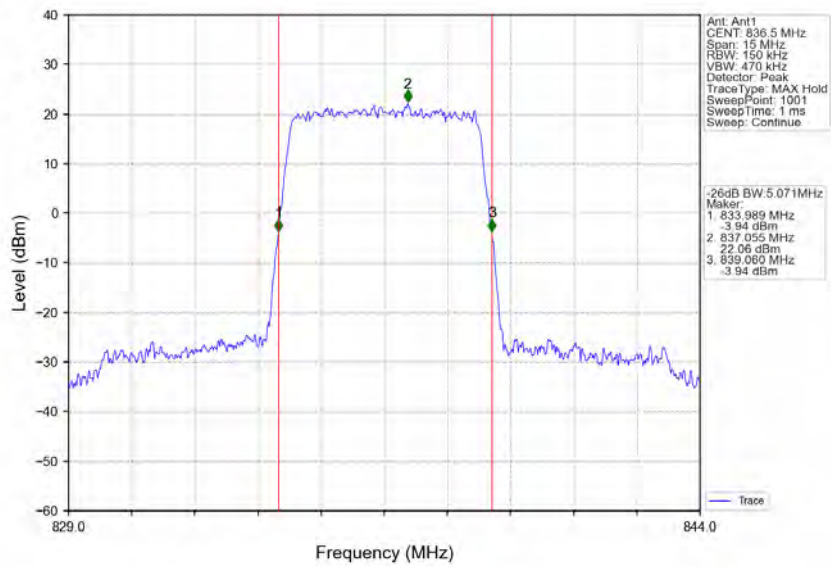
Band5_3MHz_64QAM_HCH_847.5MHz_RB_15_0_NTNV



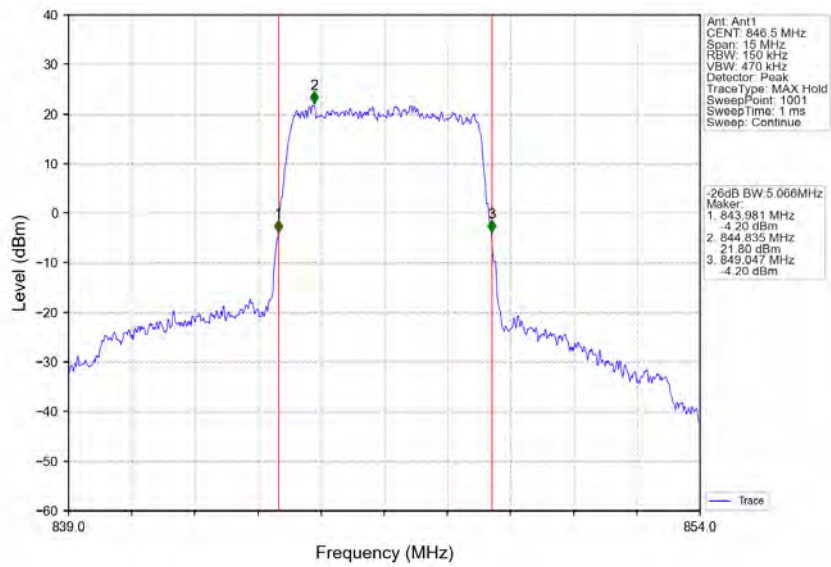
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



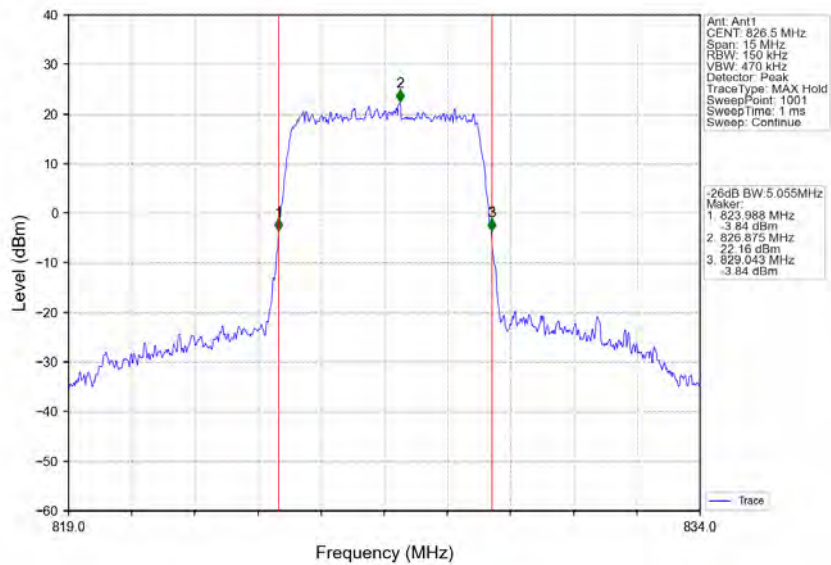
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



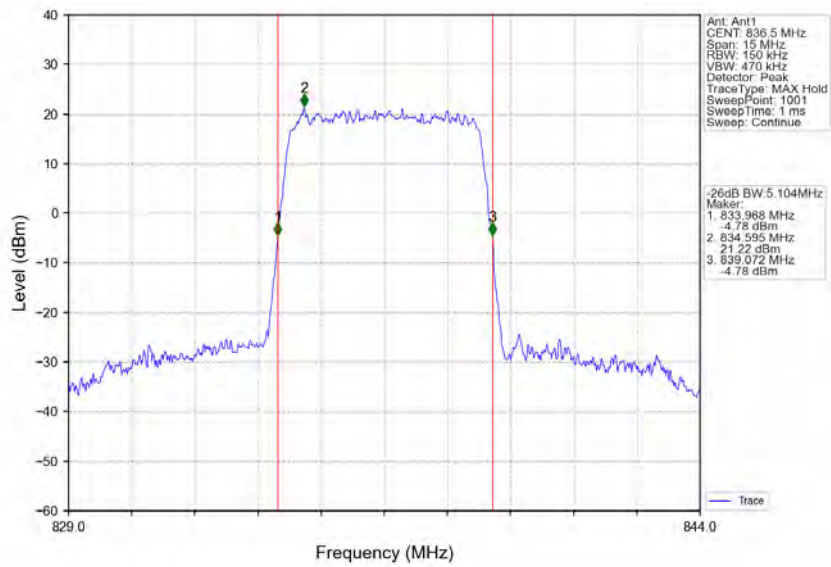
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



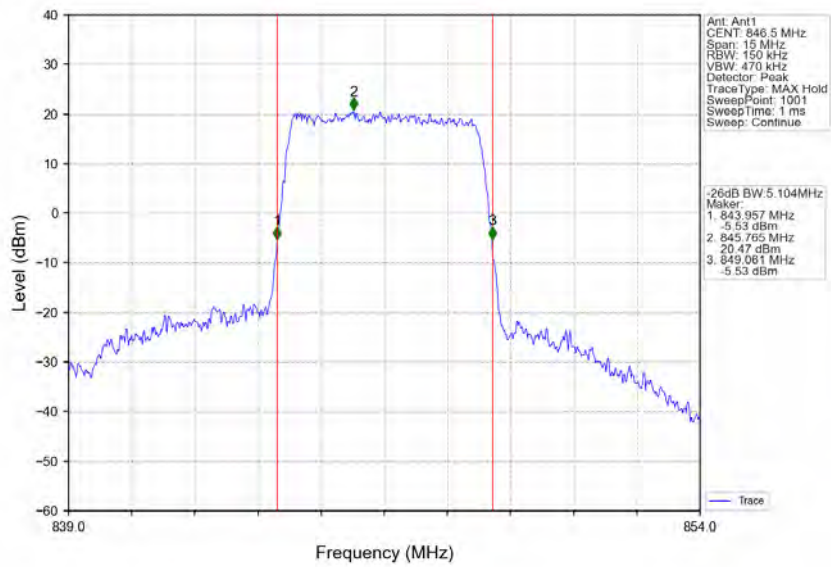
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



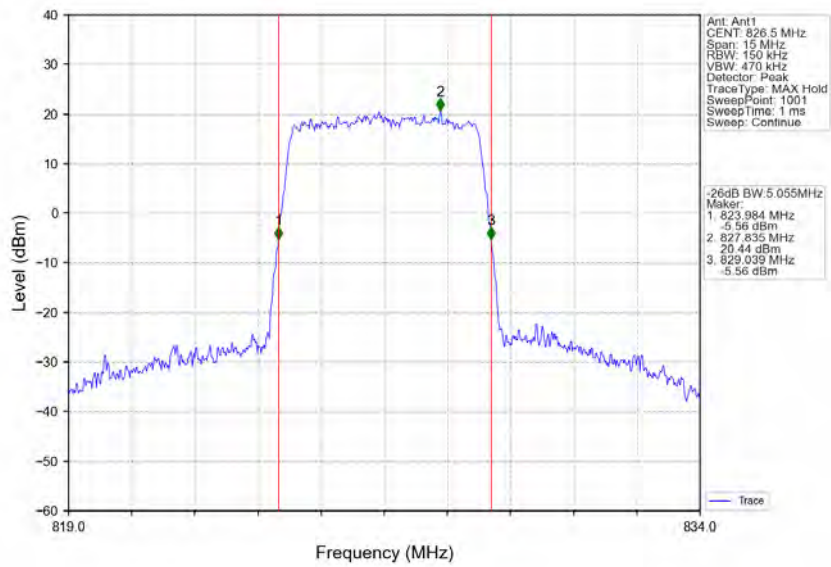
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



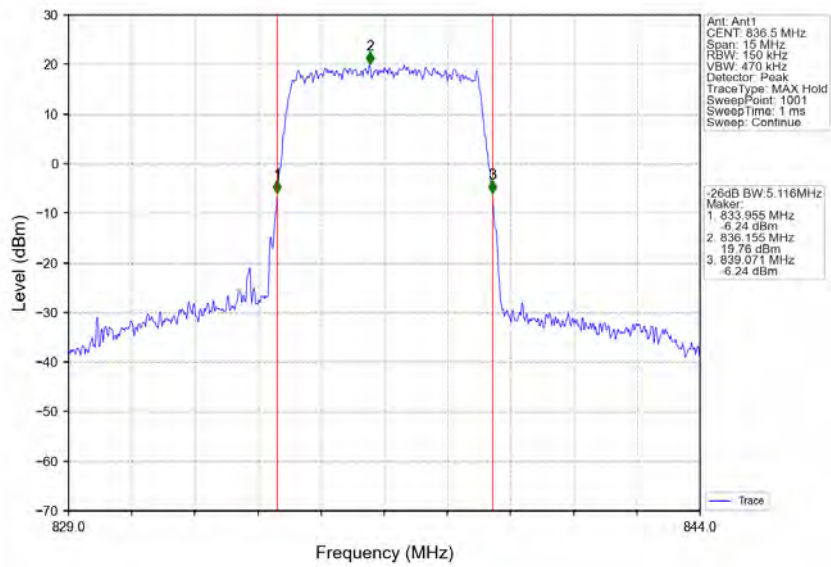
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



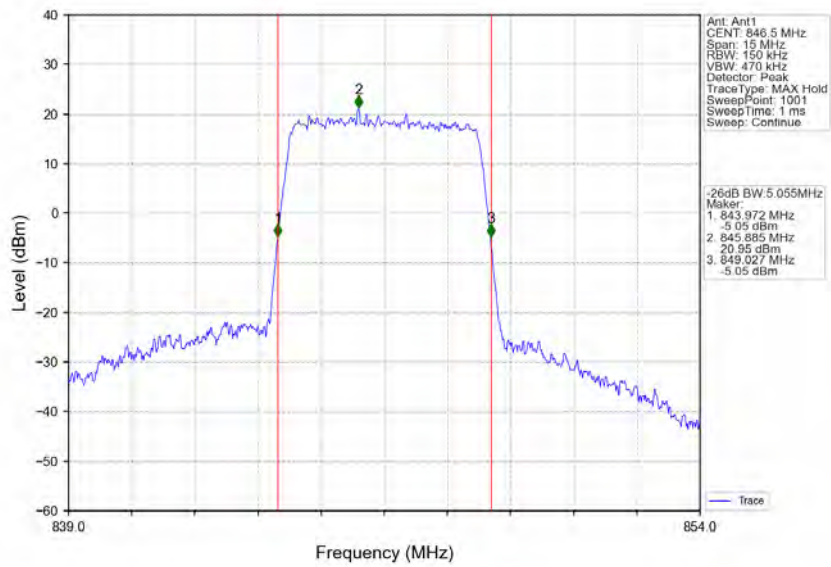
Band5_5MHz_64QAM_LCH_826.5MHz_RB_25_0_NTNV



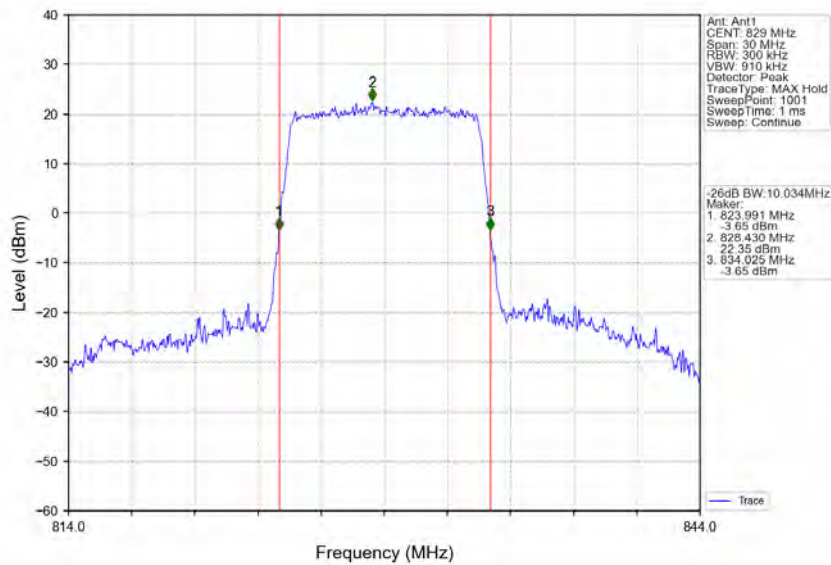
Band5_5MHz_64QAM_MCH_836.5MHz_RB_25_0_NTNV



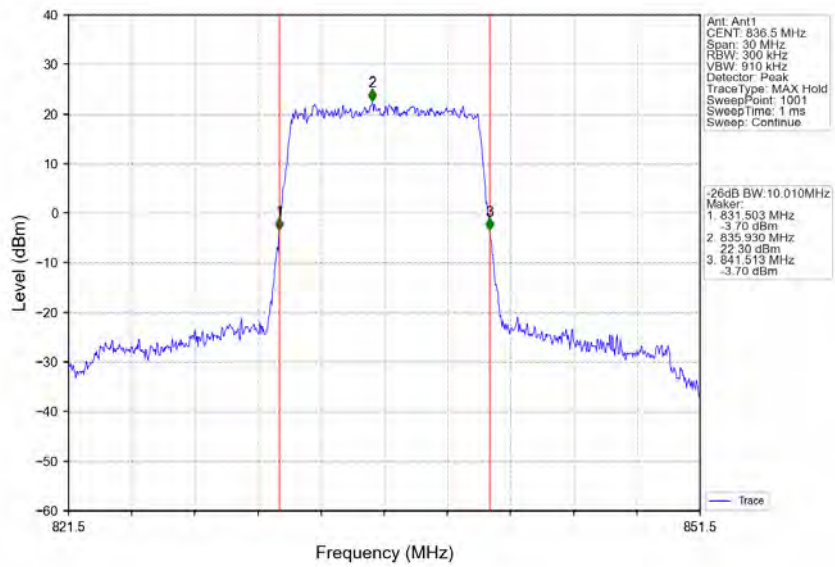
Band5_5MHz_64QAM_HCH_846.5MHz_RB_25_0_NTNV



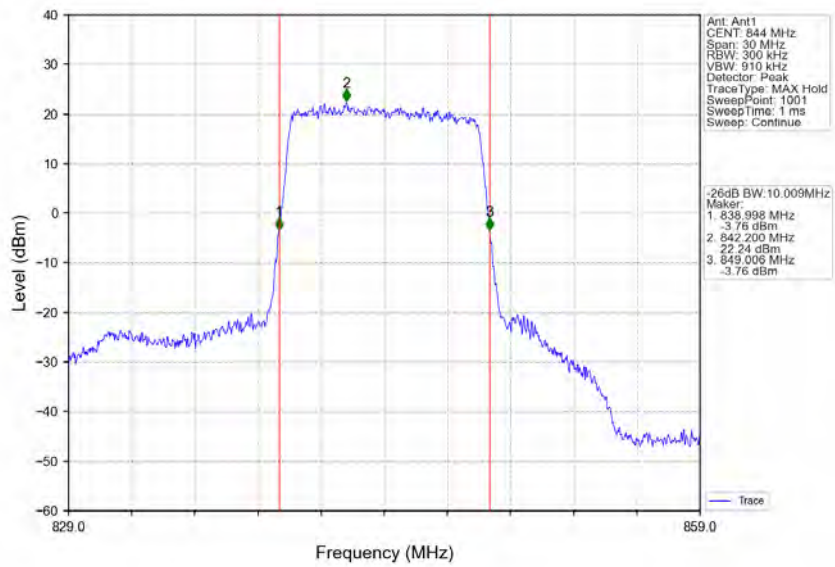
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



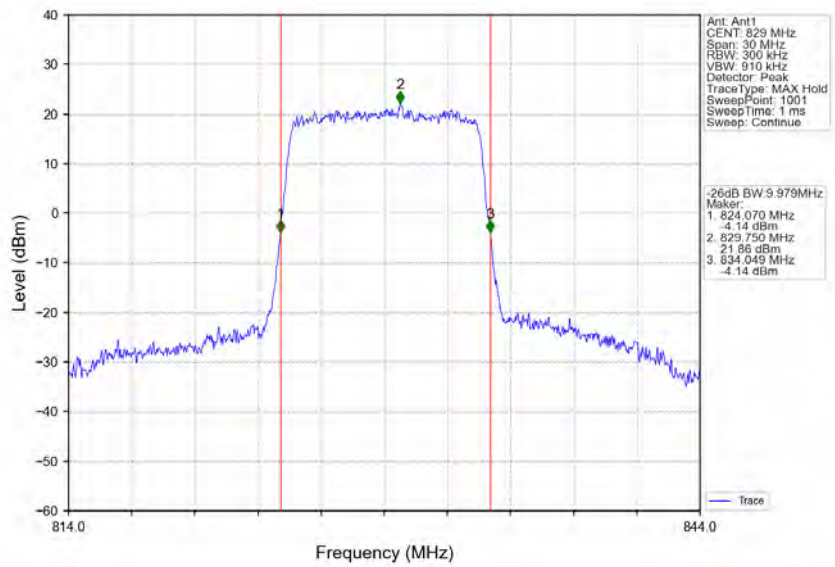
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



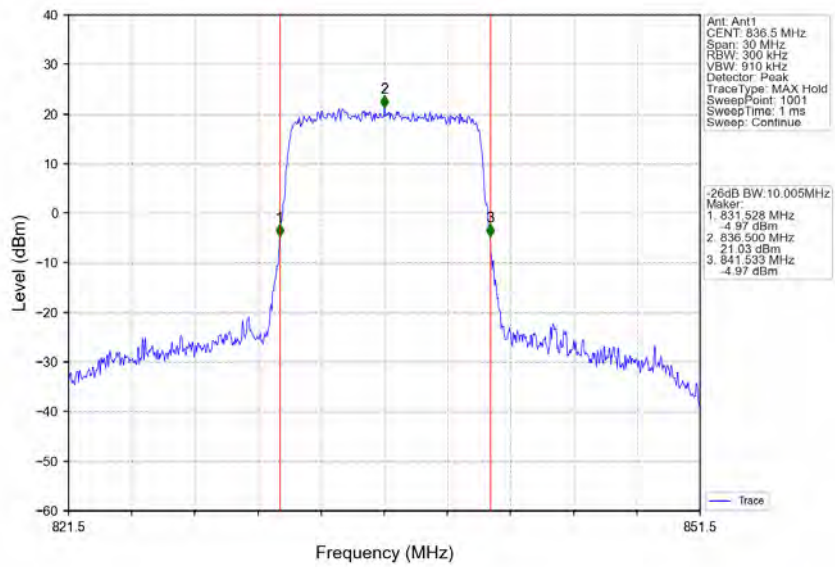
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



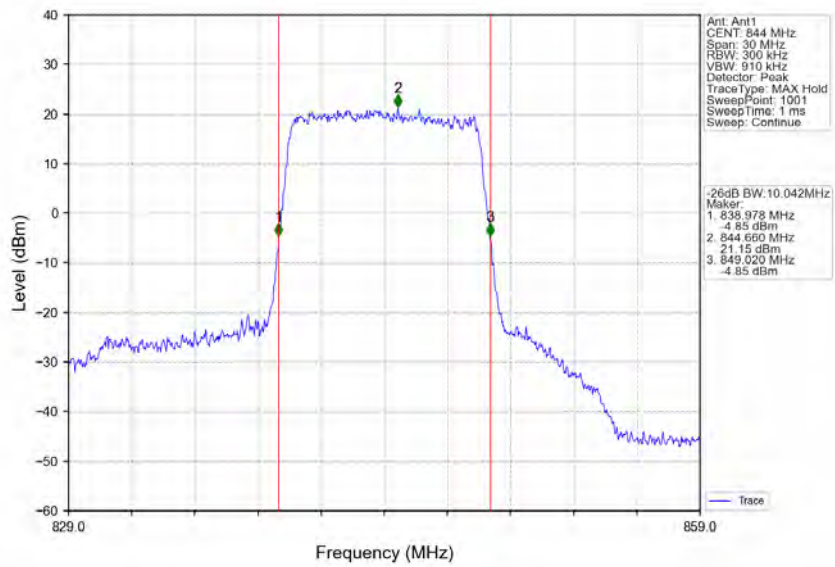
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



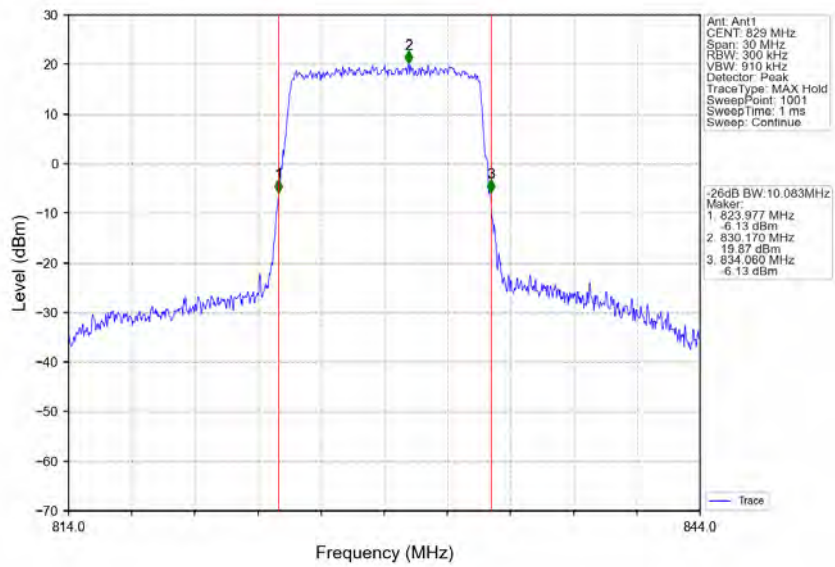
Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



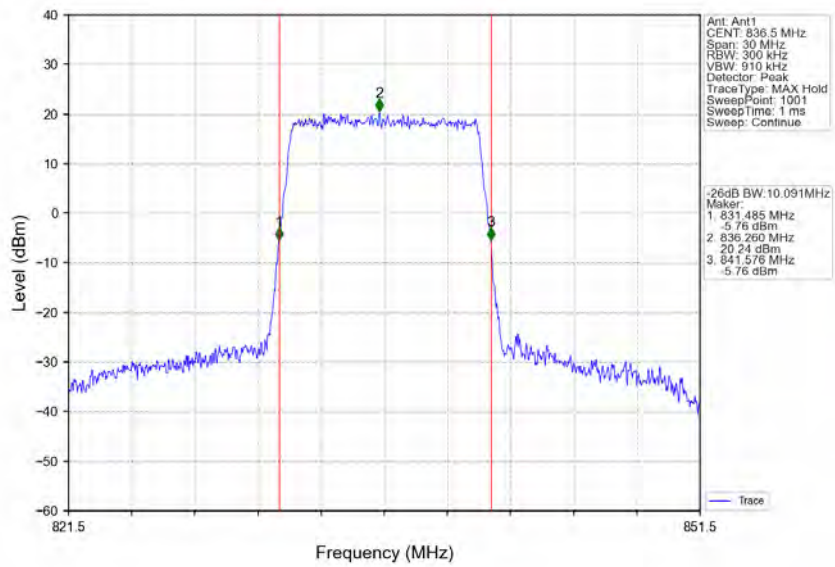
Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



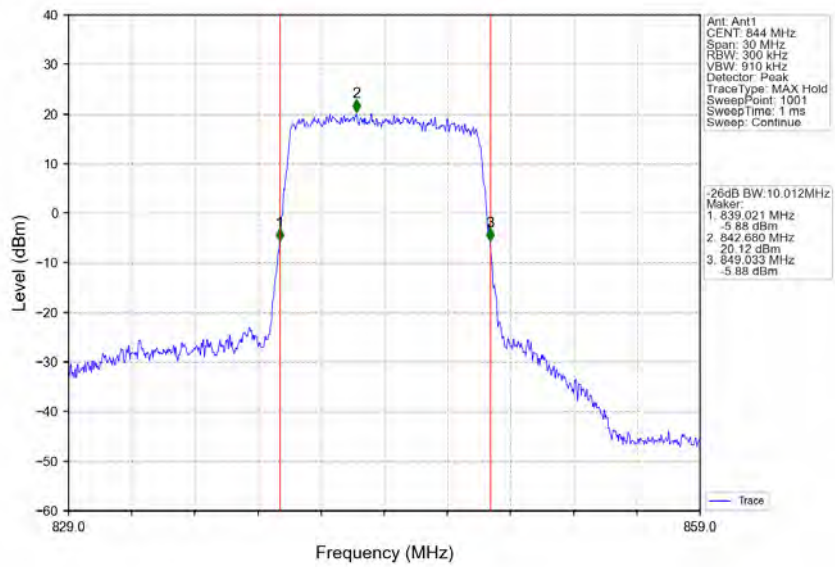
Band5_10MHz_64QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_64QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_64QAM_HCH_844MHz_RB_50_0_NTNV



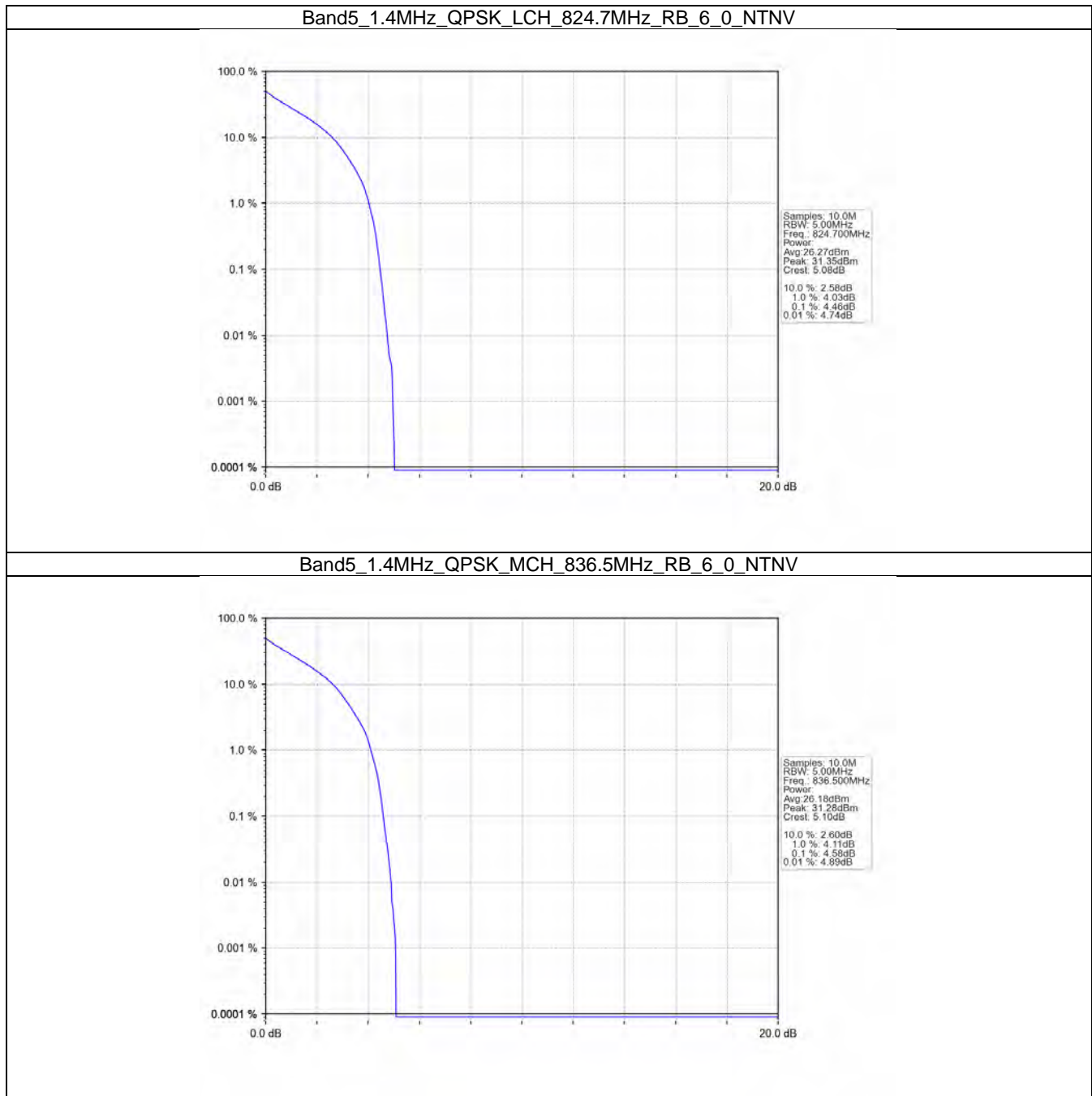
4. Peak-Average Ratio

4.1 B5_1.4MHz

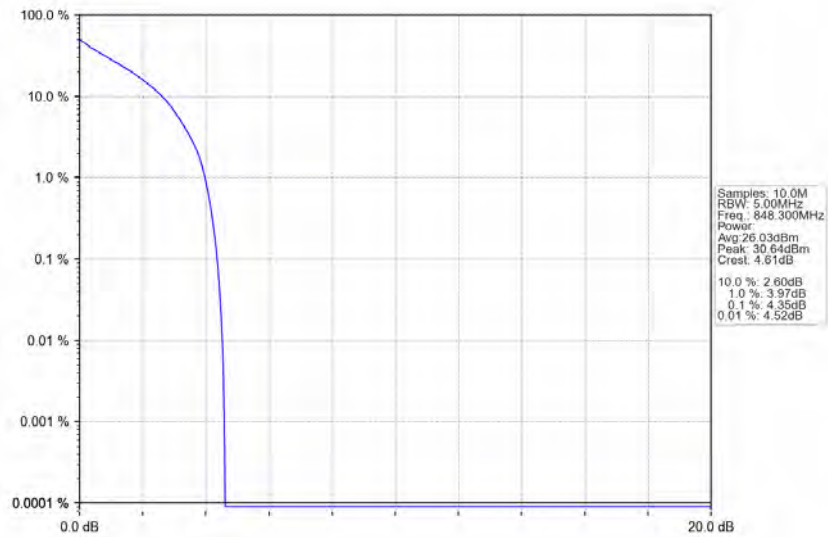
4.1.1 Test Result

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	4.46	<=13	Pass
	836.5	6	0	4.58	<=13	Pass
	848.3	6	0	4.35	<=13	Pass
16QAM	824.7	6	0	5.31	<=13	Pass
	836.5	6	0	5.45	<=13	Pass
	848.3	6	0	5.26	<=13	Pass
64QAM	824.7	6	0	6.00	<=13	Pass
	836.5	6	0	6.06	<=13	Pass
	848.3	6	0	6.06	<=13	Pass

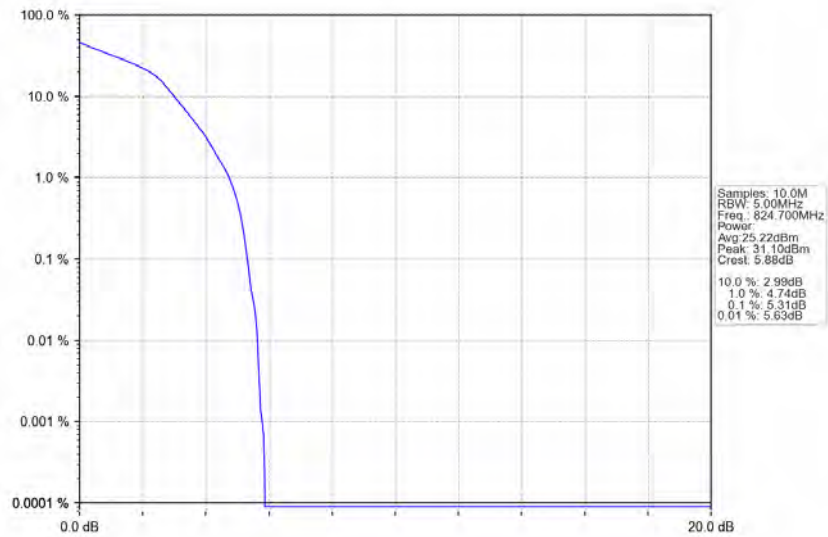
4.1.2 Test Graph



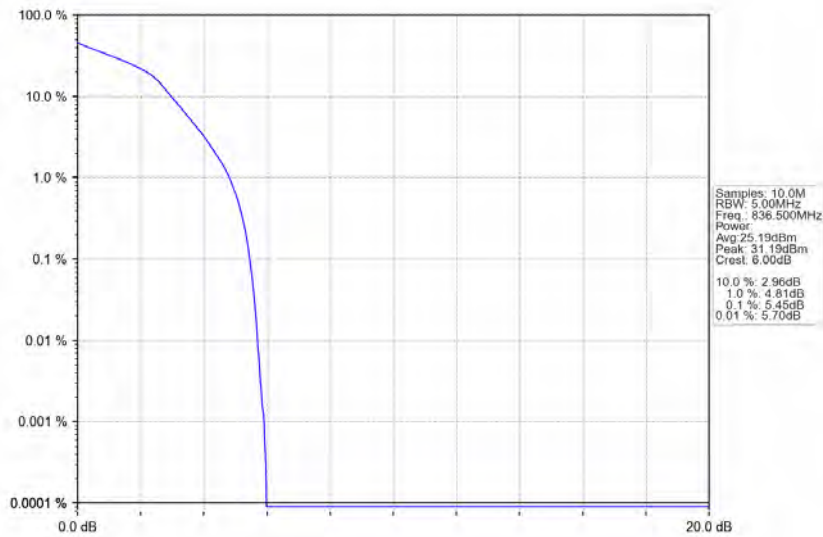
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



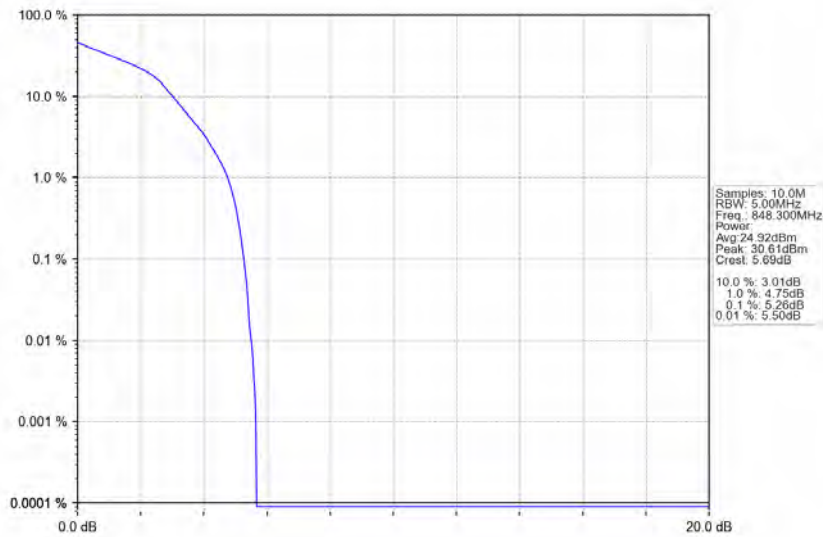
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



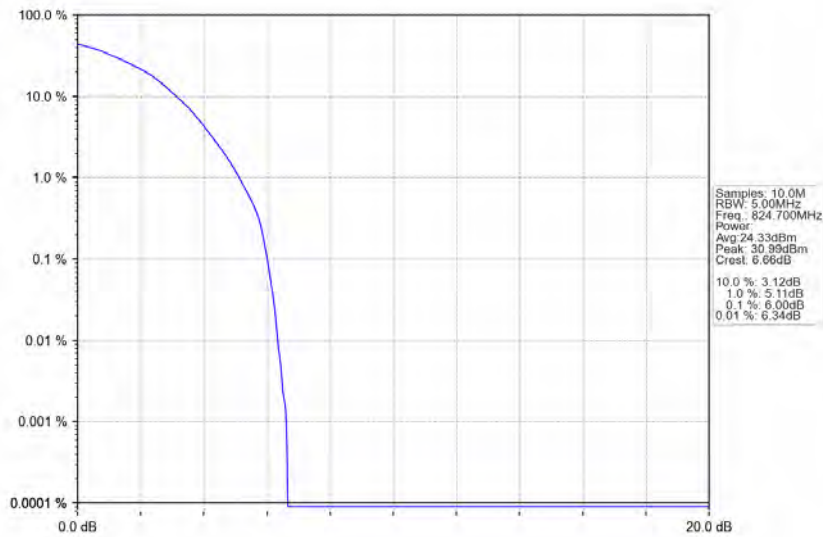
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTV



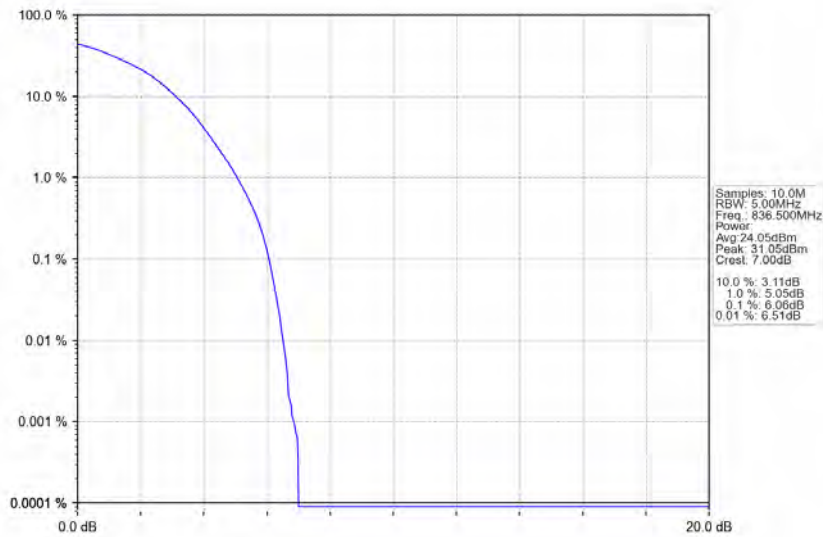
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTV



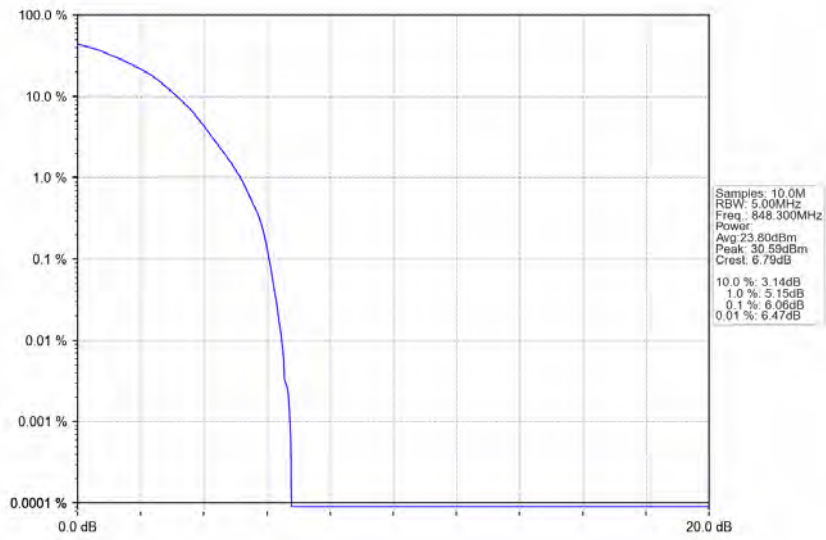
Band5_1.4MHz_64QAM_LCH_824.7MHz_RB_6_0_NTV



Band5_1.4MHz_64QAM_MCH_836.5MHz_RB_6_0_NTV



Band5_1.4MHz_64QAM_HCH_848.3MHz_RB_6_0_NTV

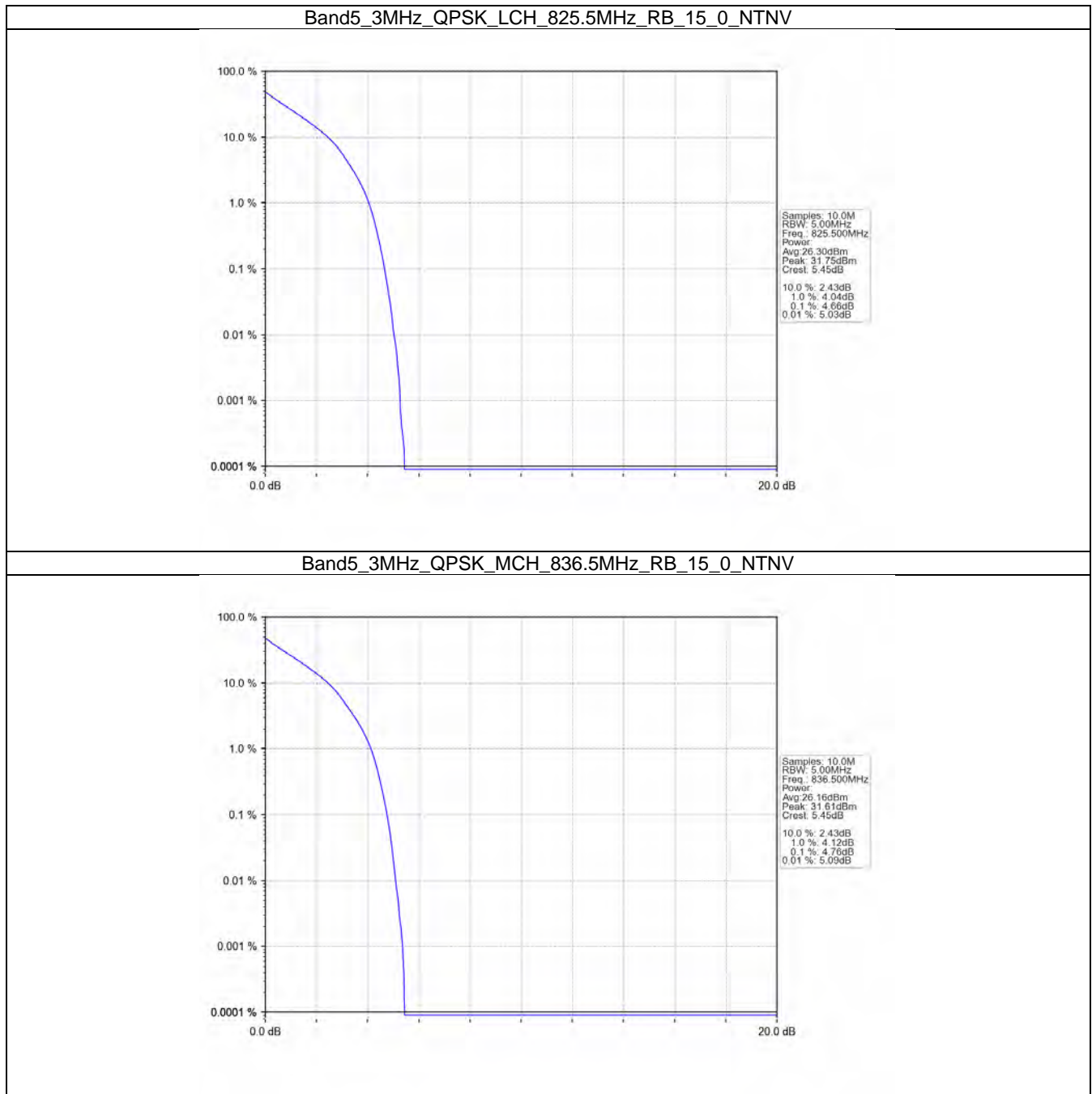


4.2 B5_3MHz

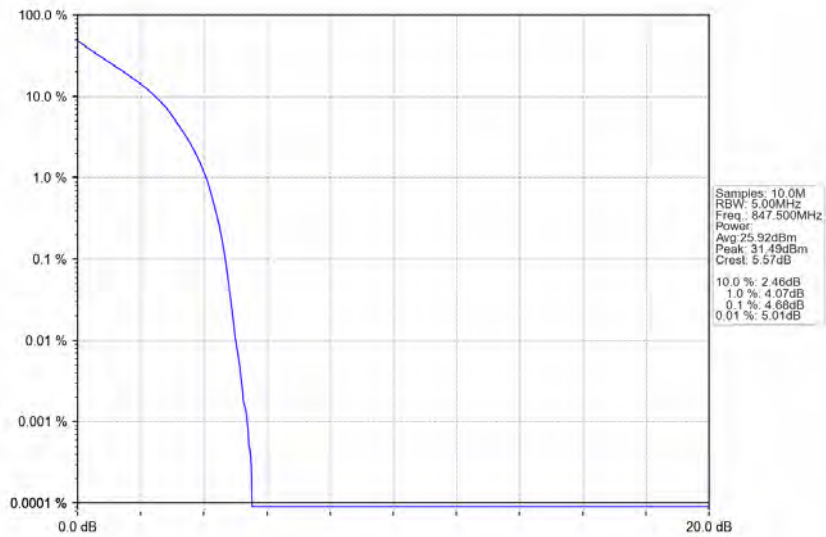
4.2.1 Test Result

Band: 5 / Bandwidth: 3MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	825.5	15	0	4.66	<=13	Pass
	836.5	15	0	4.76	<=13	Pass
	847.5	15	0	4.68	<=13	Pass
16QAM	825.5	15	0	5.47	<=13	Pass
	836.5	15	0	5.59	<=13	Pass
	847.5	15	0	5.44	<=13	Pass
64QAM	825.5	15	0	6.11	<=13	Pass
	836.5	15	0	6.16	<=13	Pass
	847.5	15	0	6.19	<=13	Pass

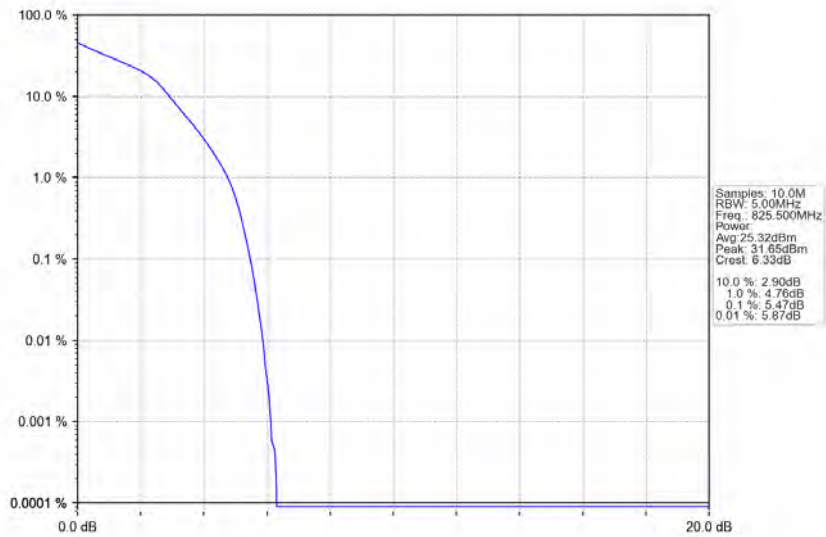
4.2.2 Test Graph



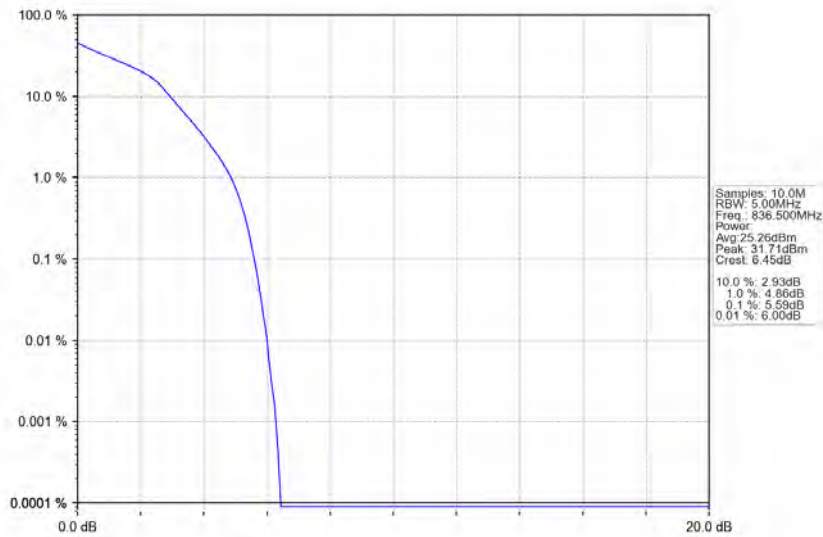
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



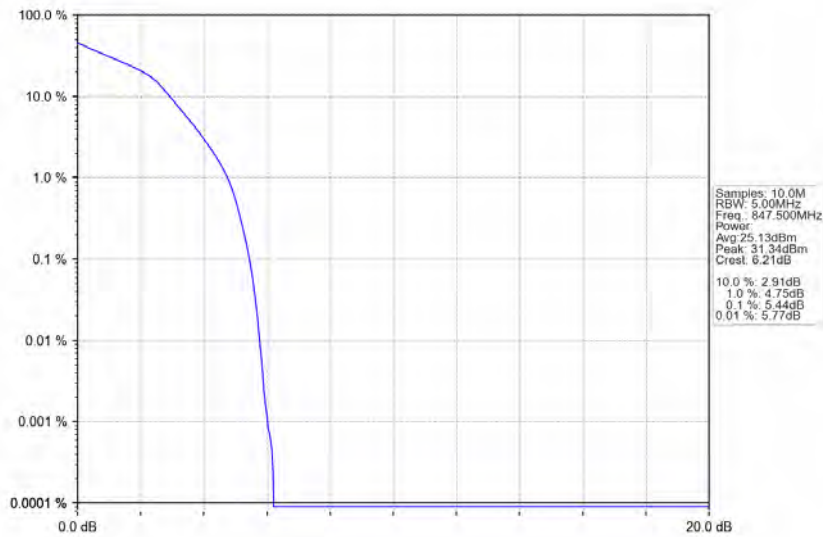
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



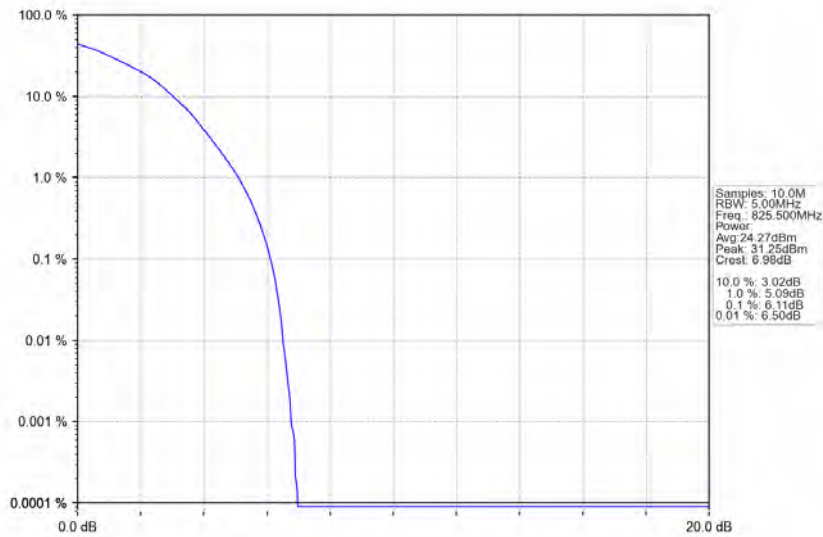
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



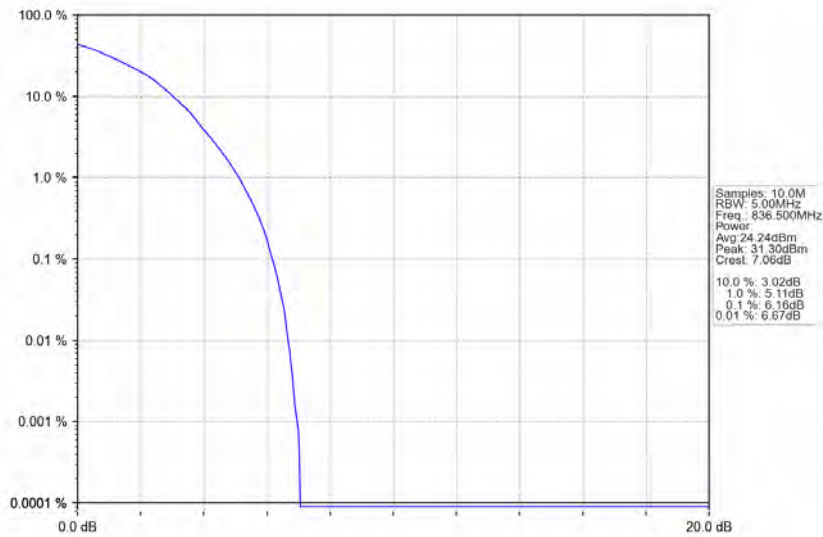
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



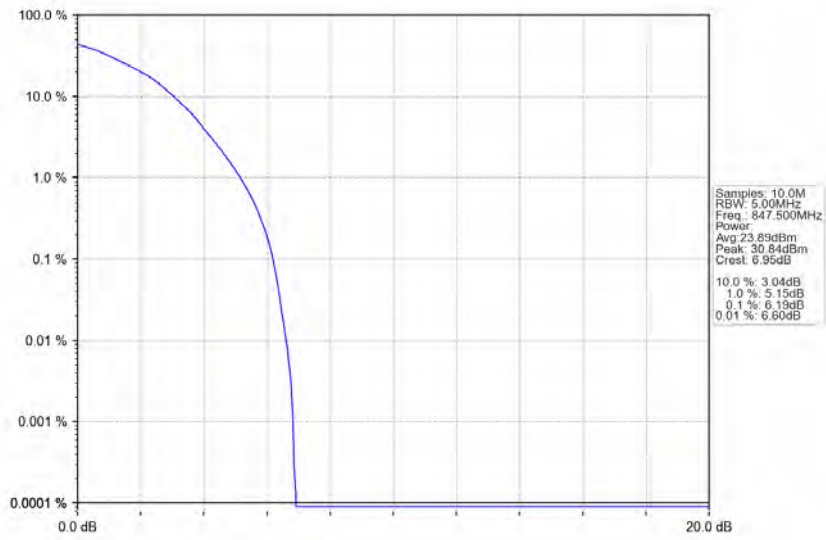
Band5_3MHz_64QAM_LCH_825.5MHz_RB_15_0_NTNV



Band5_3MHz_64QAM_MCH_836.5MHz_RB_15_0_NTNV



Band5_3MHz_64QAM_HCH_847.5MHz_RB_15_0_NTNV



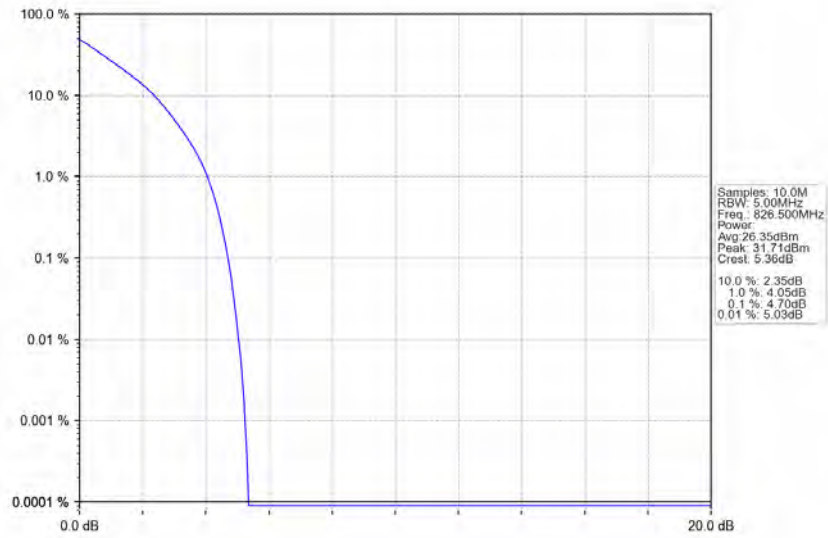
4.3 B5_5MHz

4.3.1 Test Result

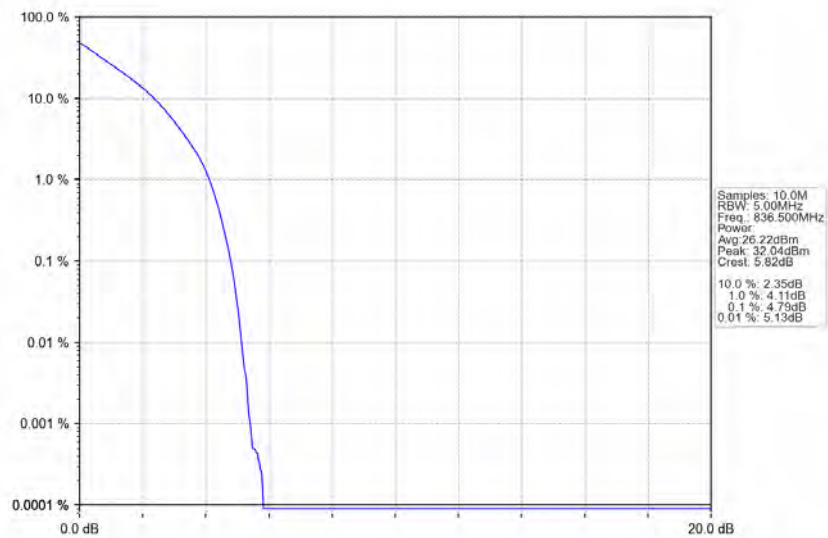
Band: 5 / Bandwidth: 5MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	826.5	25	0	4.70	<=13	Pass
	836.5	25	0	4.79	<=13	Pass
	846.5	25	0	4.72	<=13	Pass
16QAM	826.5	25	0	5.50	<=13	Pass
	836.5	25	0	5.60	<=13	Pass
	846.5	25	0	5.50	<=13	Pass
64QAM	826.5	25	0	6.10	<=13	Pass
	836.5	25	0	6.17	<=13	Pass
	846.5	25	0	6.16	<=13	Pass

4.3.2 Test Graph

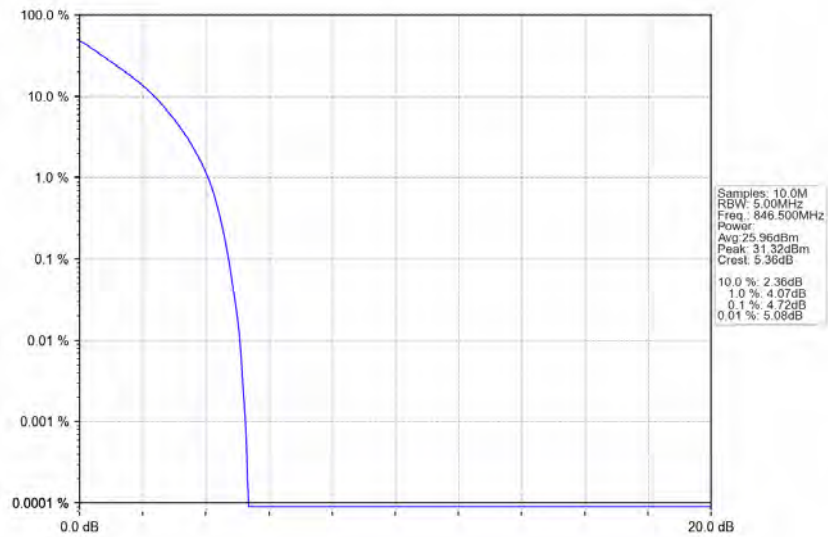
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



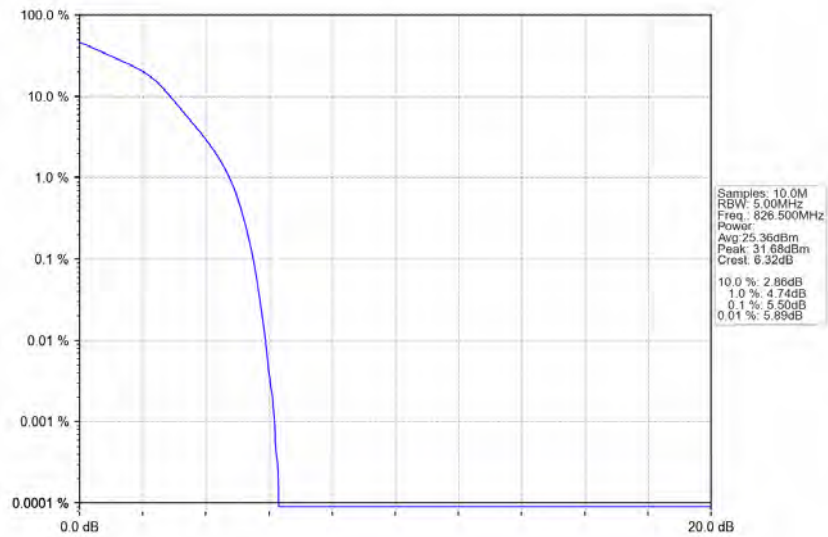
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



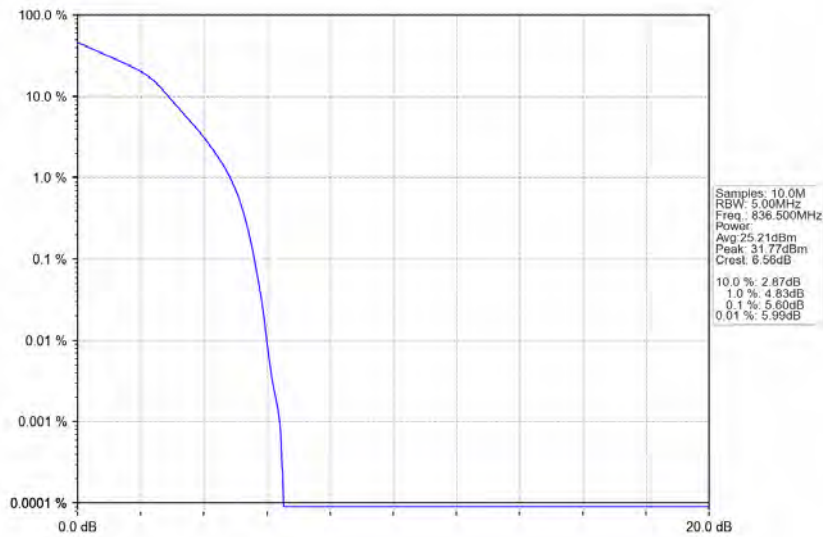
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



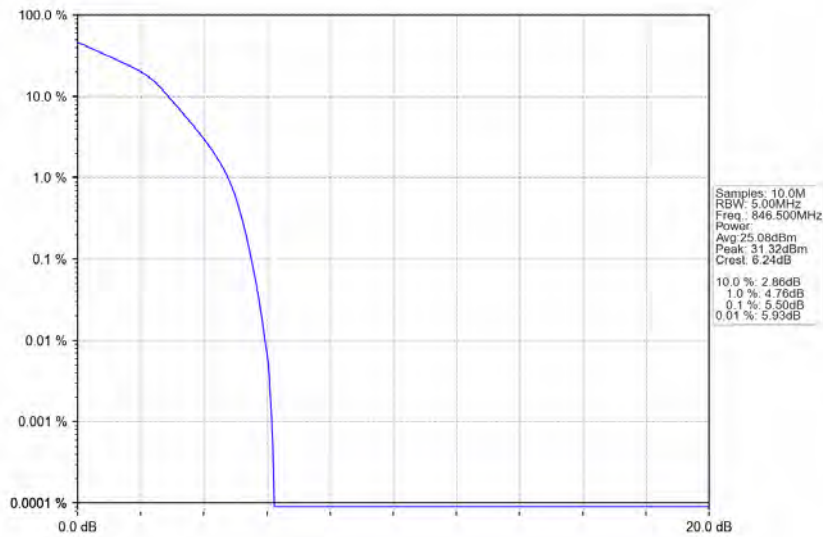
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



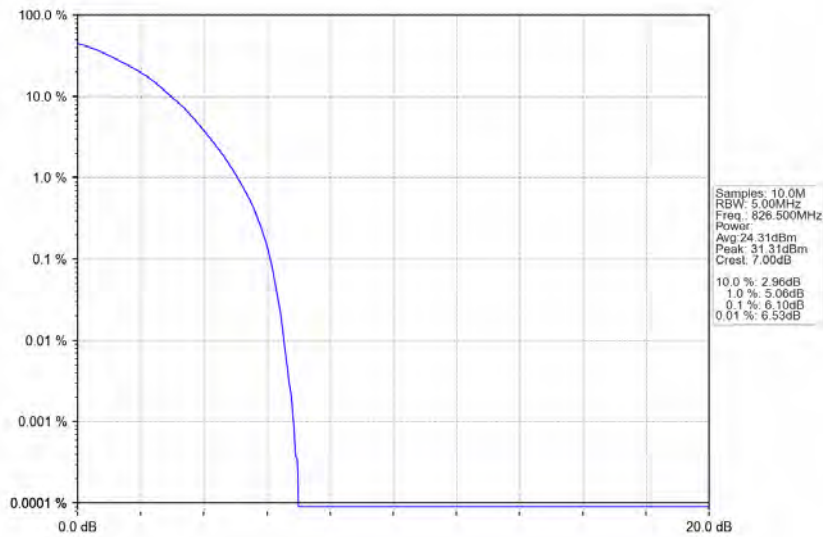
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



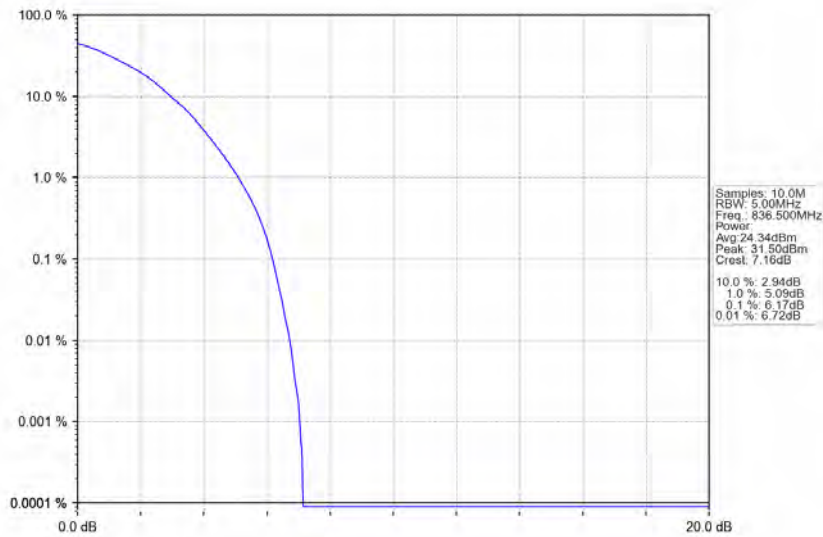
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



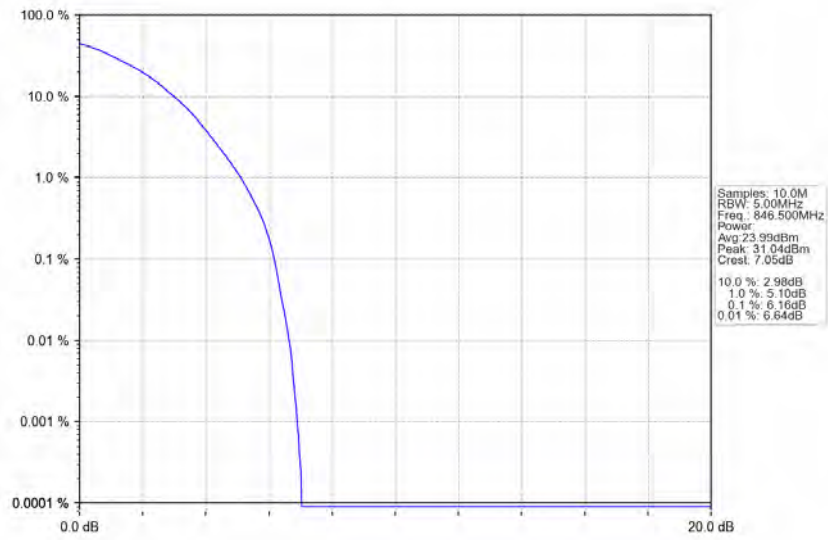
Band5_5MHz_64QAM_LCH_826.5MHz_RB_25_0_NTNV



Band5_5MHz_64QAM_MCH_836.5MHz_RB_25_0_NTNV



Band5_5MHz_64QAM_HCH_846.5MHz_RB_25_0_NTNV

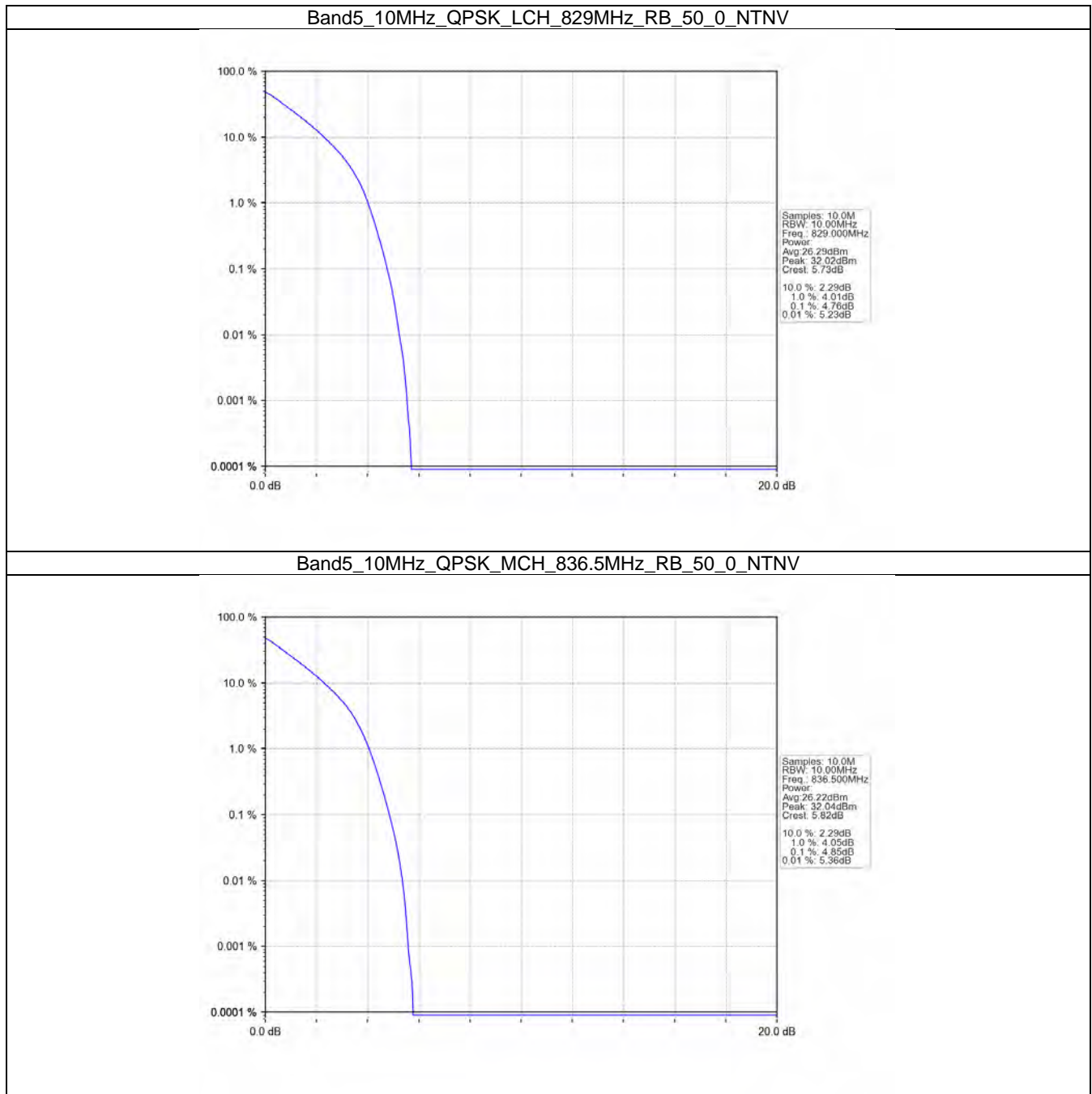


4.4 B5_10MHz

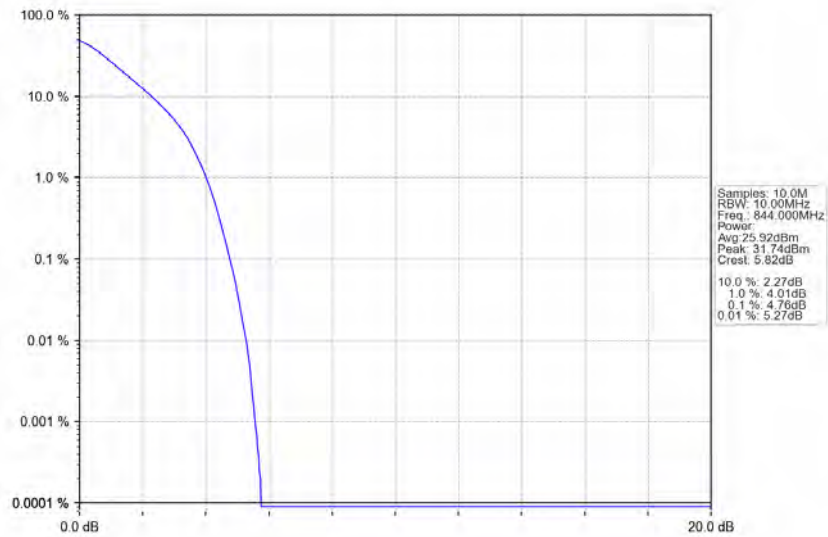
4.4.1 Test Result

Band: 5 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	829	50	0	4.76	<=13	Pass
	836.5	50	0	4.85	<=13	Pass
	844	50	0	4.76	<=13	Pass
16QAM	829	50	0	5.56	<=13	Pass
	836.5	50	0	5.65	<=13	Pass
	844	50	0	5.58	<=13	Pass
64QAM	829	50	0	6.07	<=13	Pass
	836.5	50	0	6.19	<=13	Pass
	844	50	0	6.11	<=13	Pass

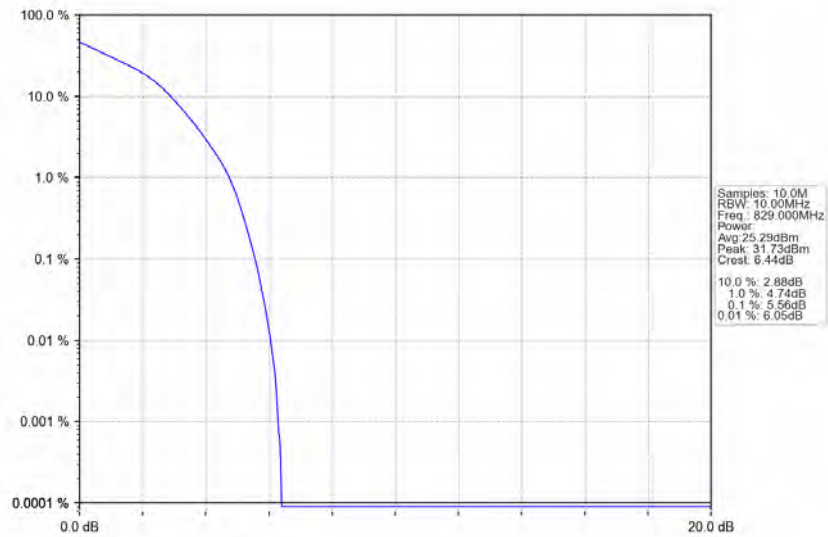
4.4.2 Test Graph



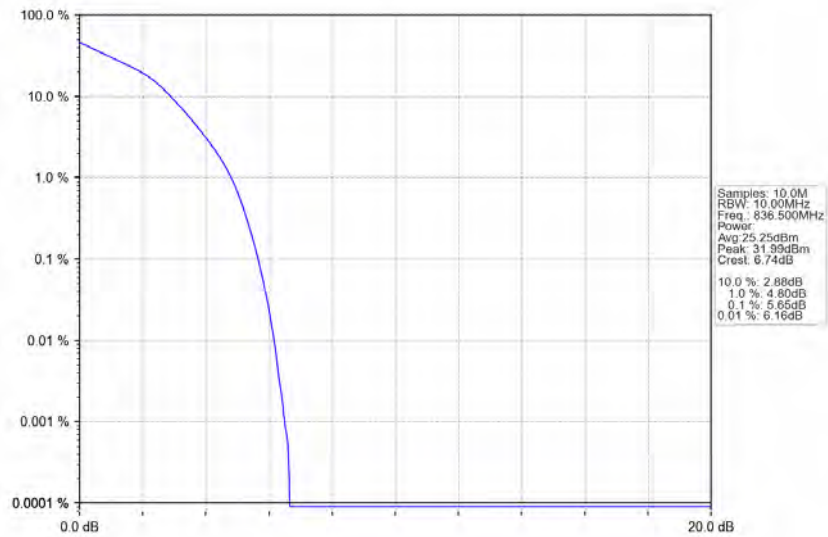
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



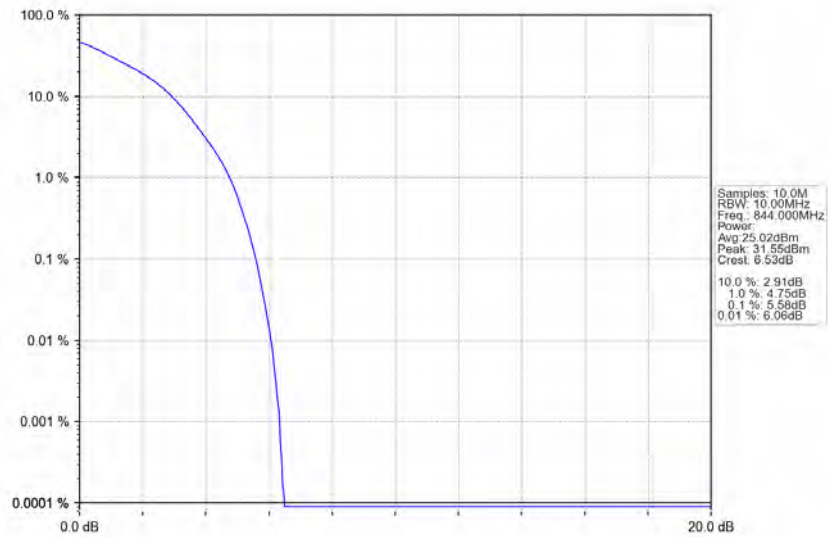
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



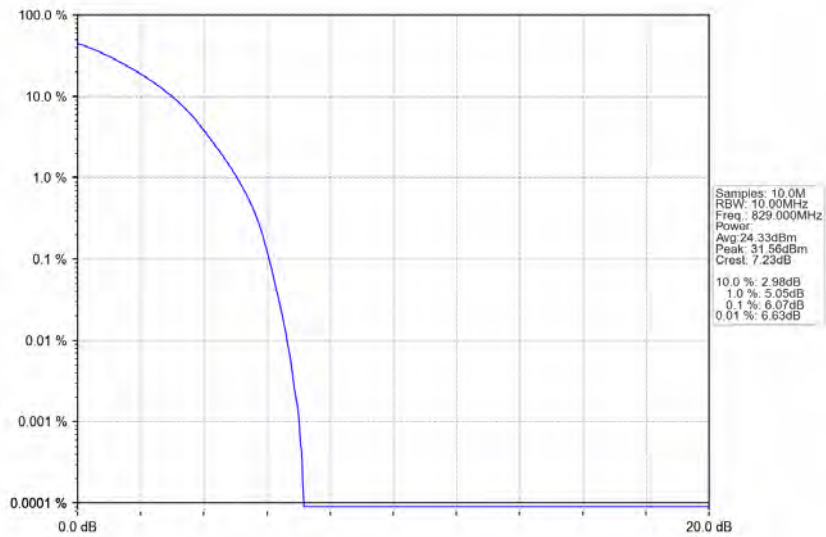
Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



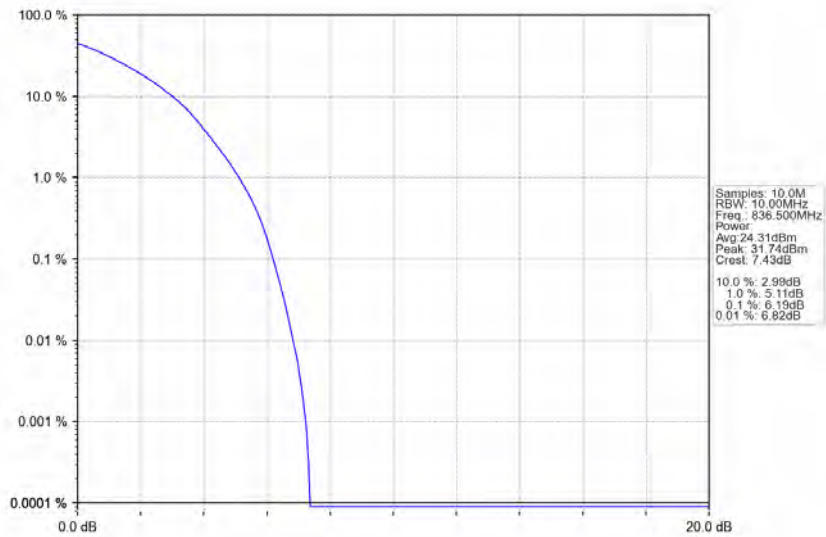
Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



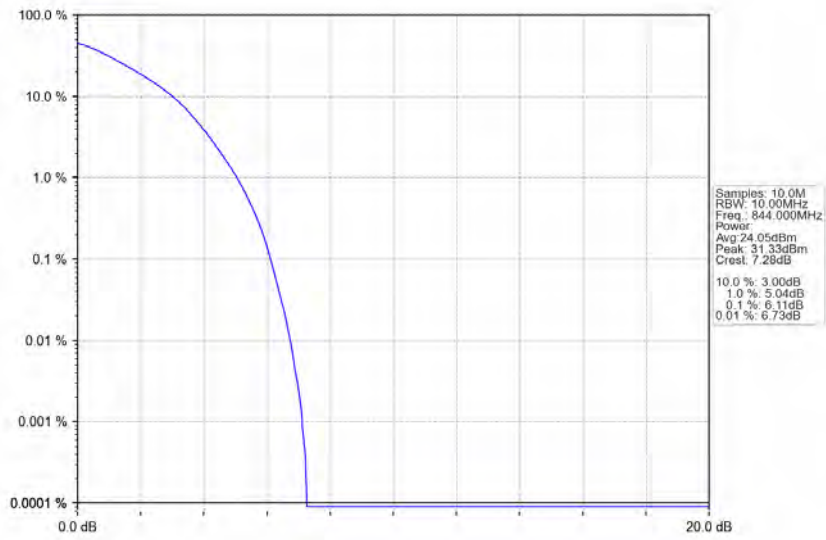
Band5_10MHz_64QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_64QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_64QAM_HCH_844MHz_RB_50_0_NTNV



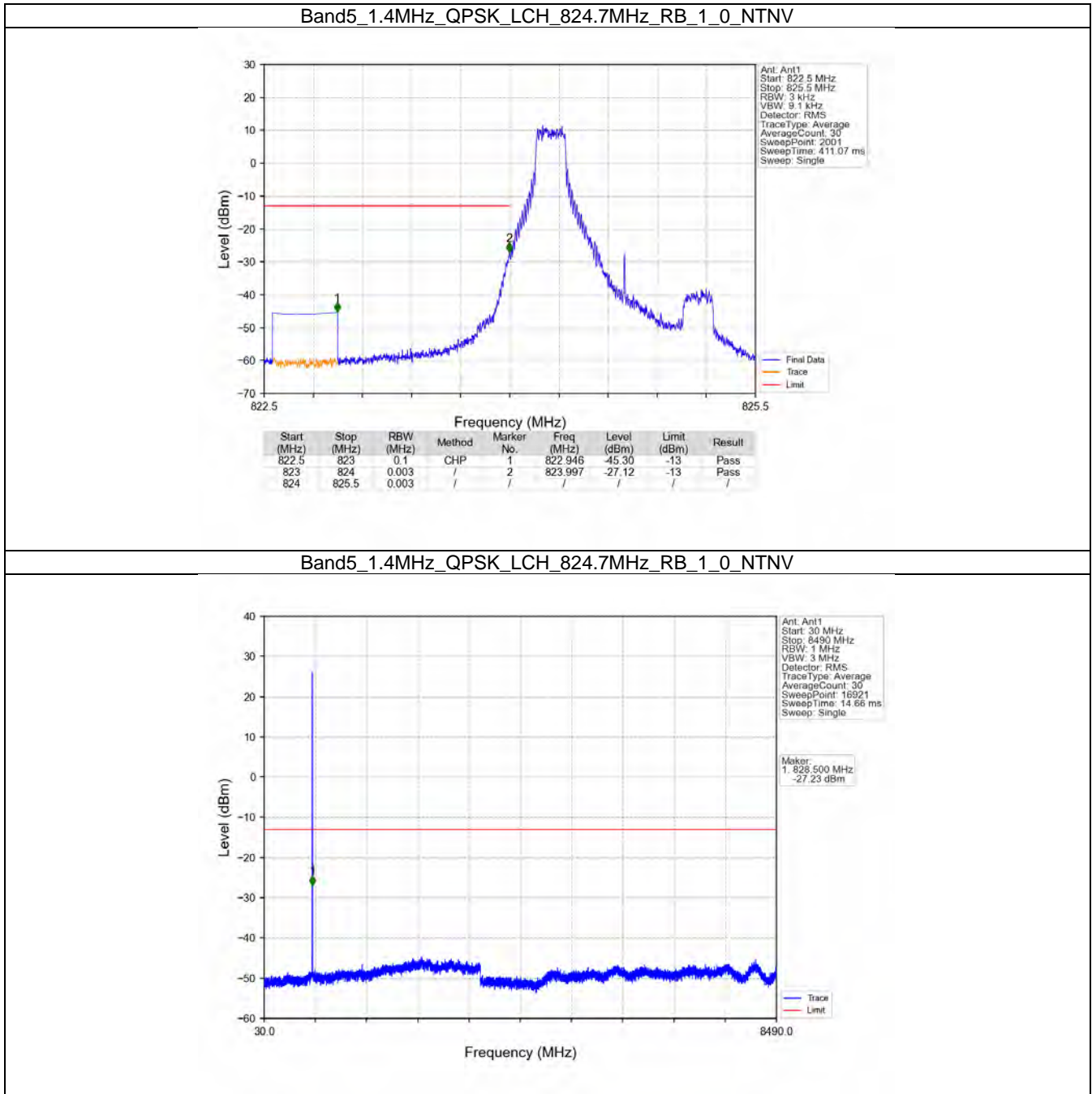
5. Spurious Emission

5.1 B5_1.4MHz

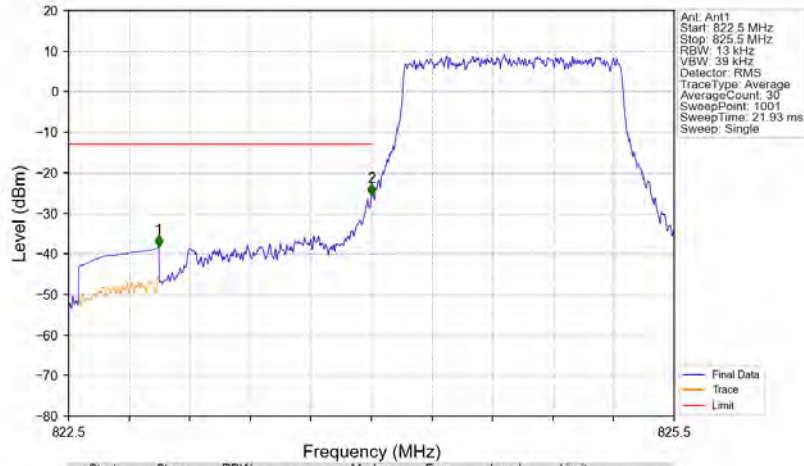
5.1.1 Test Result

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
	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
64QAM	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

5.1.2 Test Graph

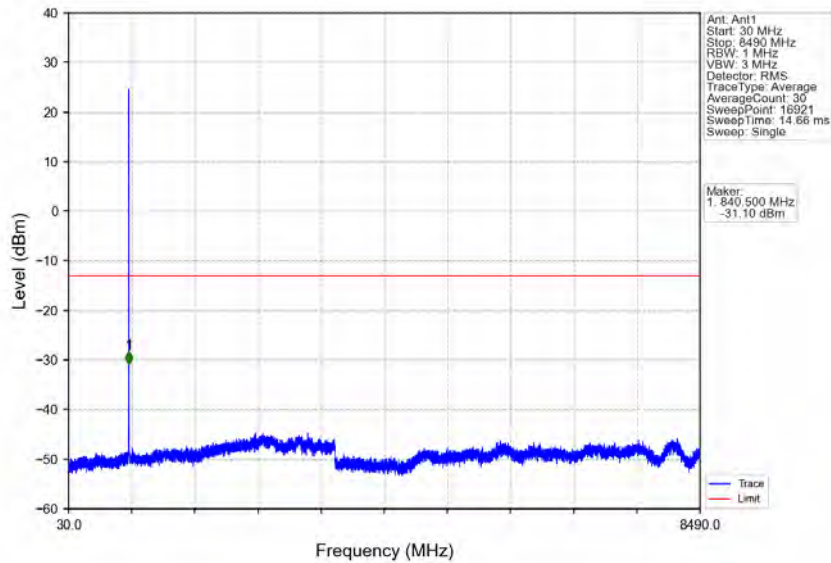


Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV

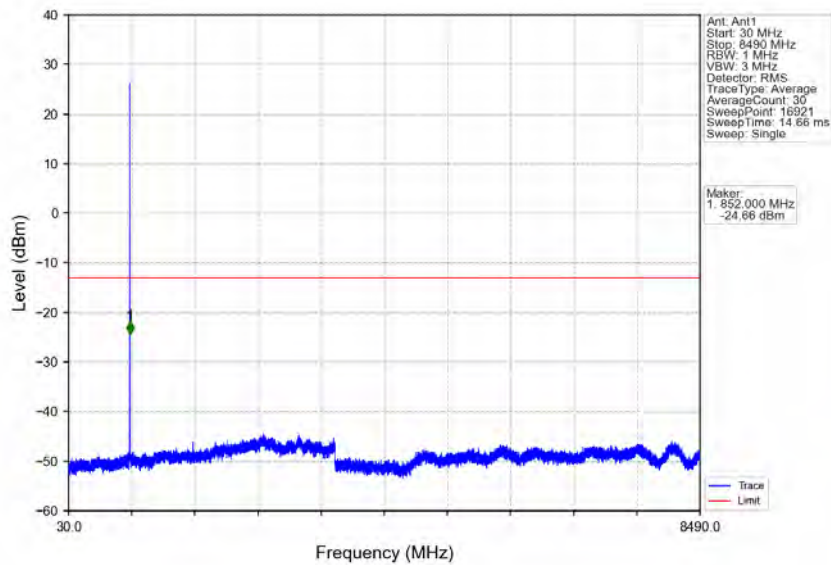


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	823	0.1	CHP	1	822.947	-38.39	-13	Pass
823	824	0.013	/	2	824.000	-25.73	-13	Pass
824	825.5	0.013	/	/	/	/	/	/

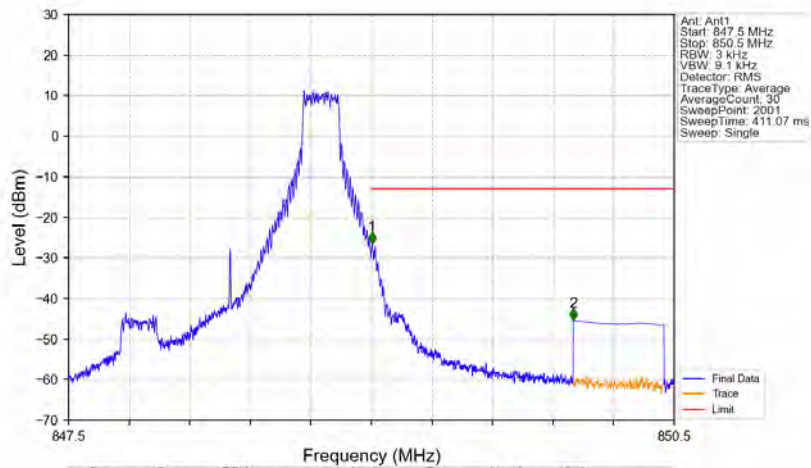
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_1_0_NTNV

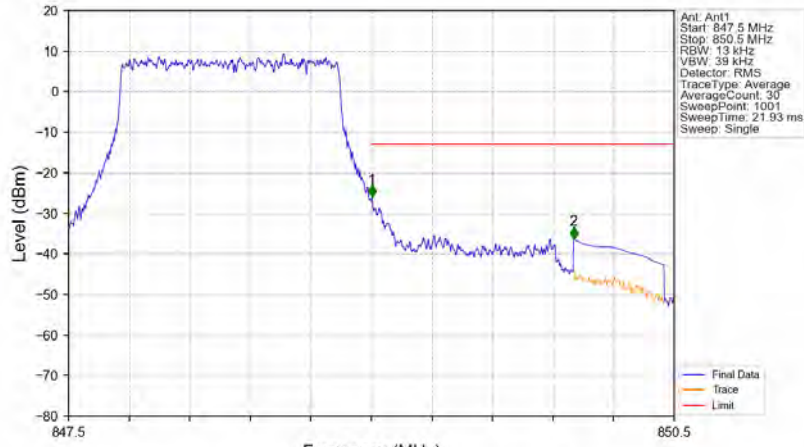


Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_1_5_NTNV



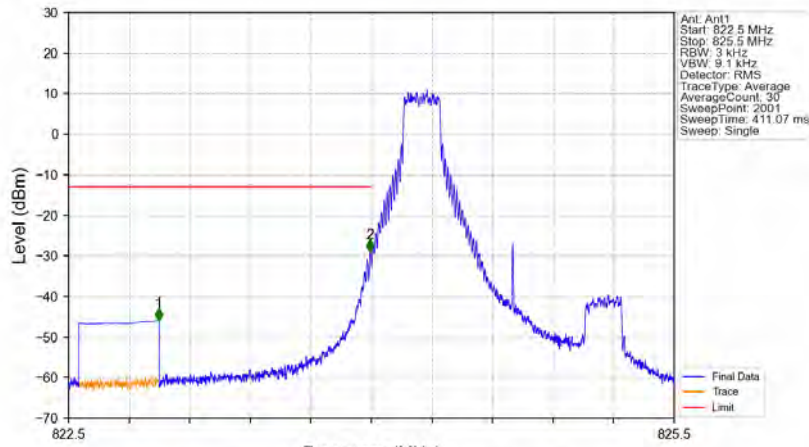
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
847.5	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.003	-26.57	-13	Pass
850	850.5	0.1	CHP	2	850.000	-45.55	-13	Pass

Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



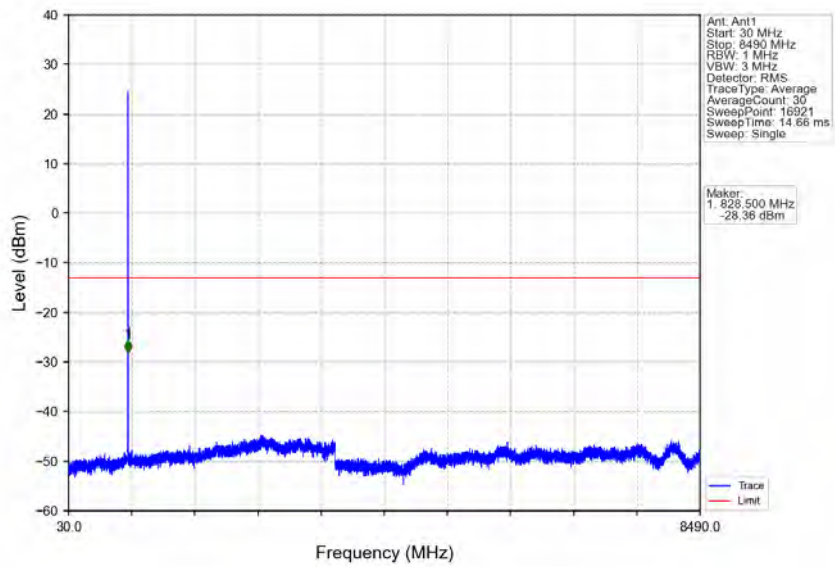
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
847.5	849	0.013	/	/	/	/	/	/
849	850	0.013	/	1	849.003	-26.06	-13	Pass
850	850.5	0.1	CHP	2	850.002	-36.37	-13	Pass

Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_1_0_NTNV

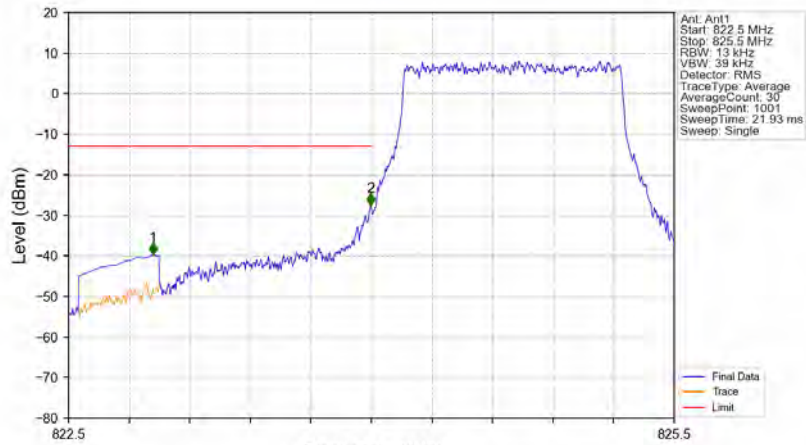


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	823	0.1	CHP	1	822.947	-45.97	-13	Pass
823	824	0.003	/	2	823.994	-29.09	-13	Pass
824	825.5	0.003	/	/	/	/	/	/

Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_1_0_NTNV

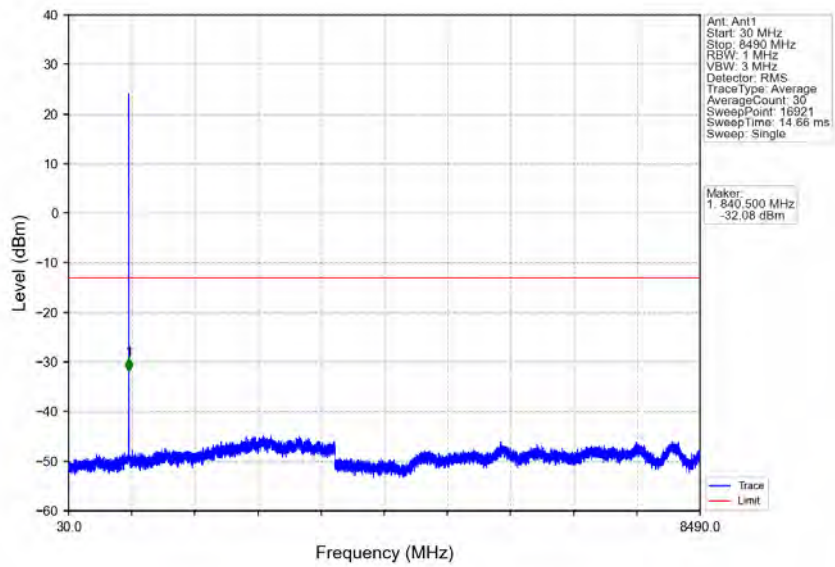


Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV

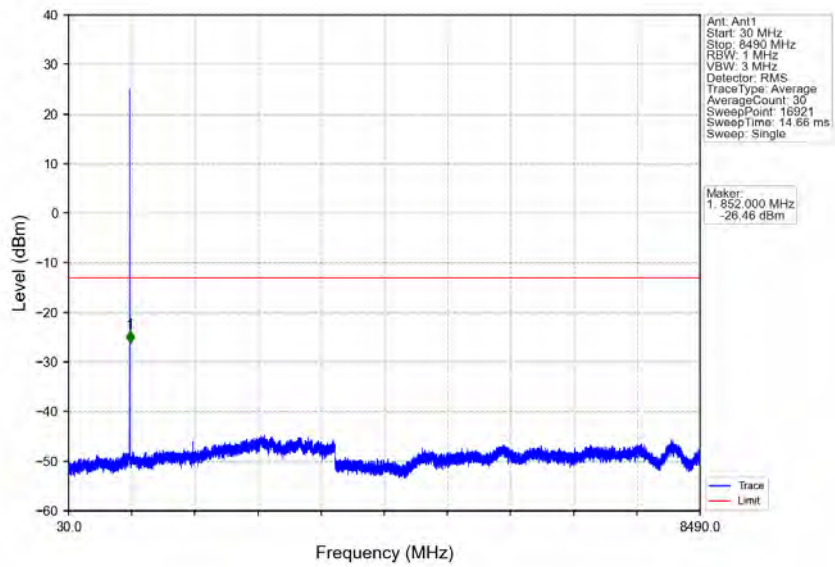


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	823	0.1	CHP	1	822.917	-39.83	-13	Pass
823	824	0.013	/	2	823.997	-27.67	-13	Pass
824	825.5	0.013	/	/	/	/	/	/

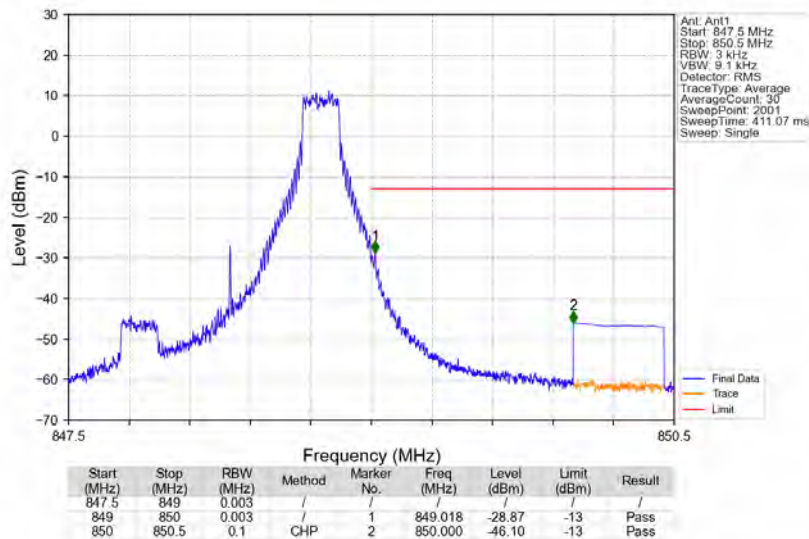
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



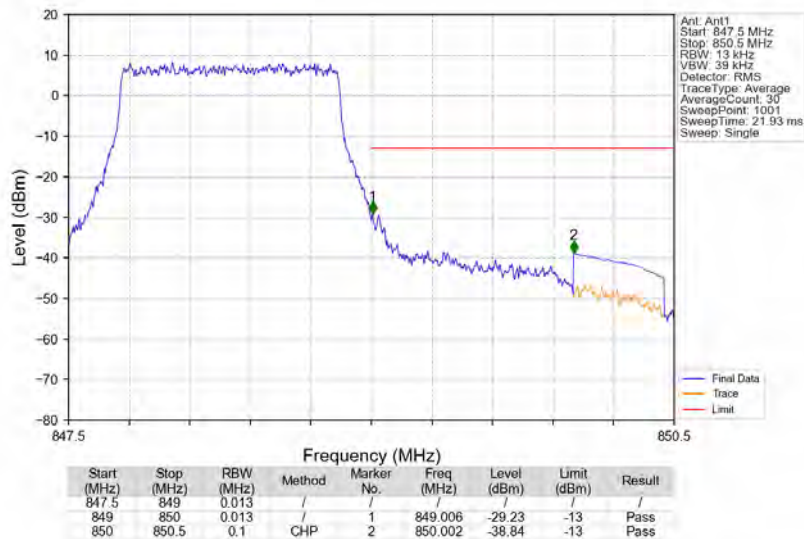
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_1_0_NTNV



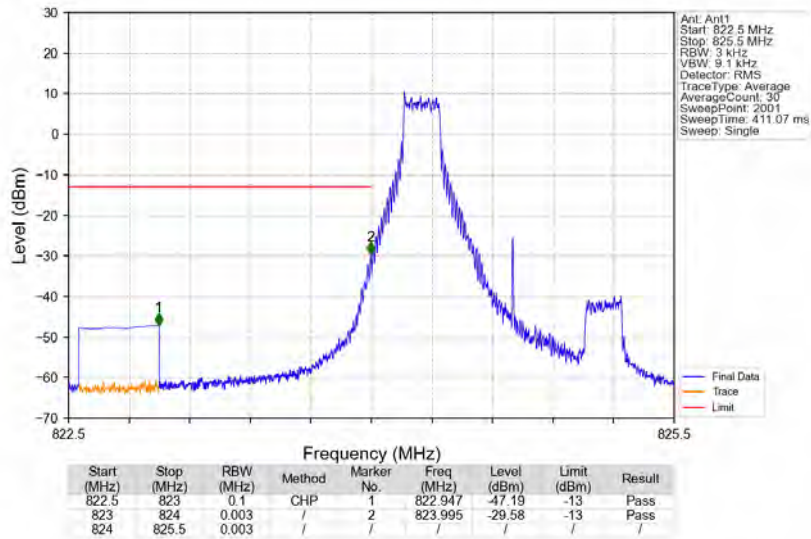
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_1_5_NTV



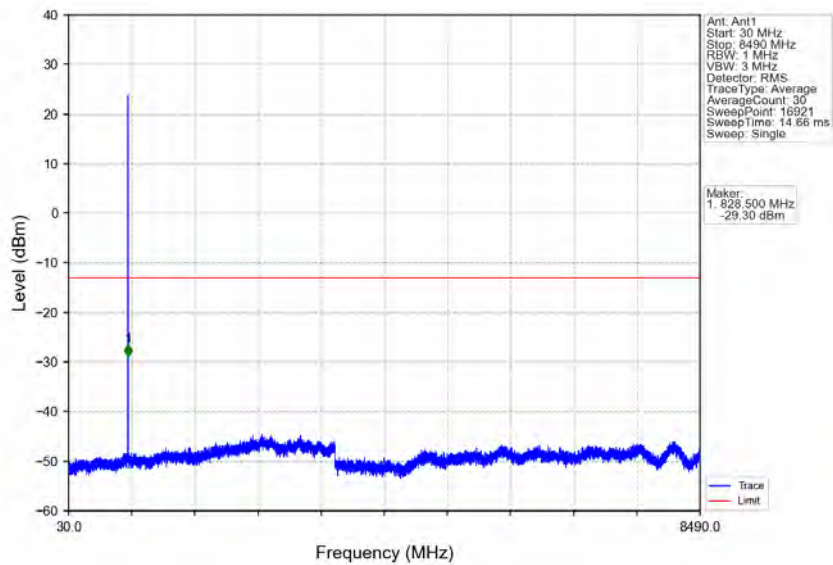
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTV



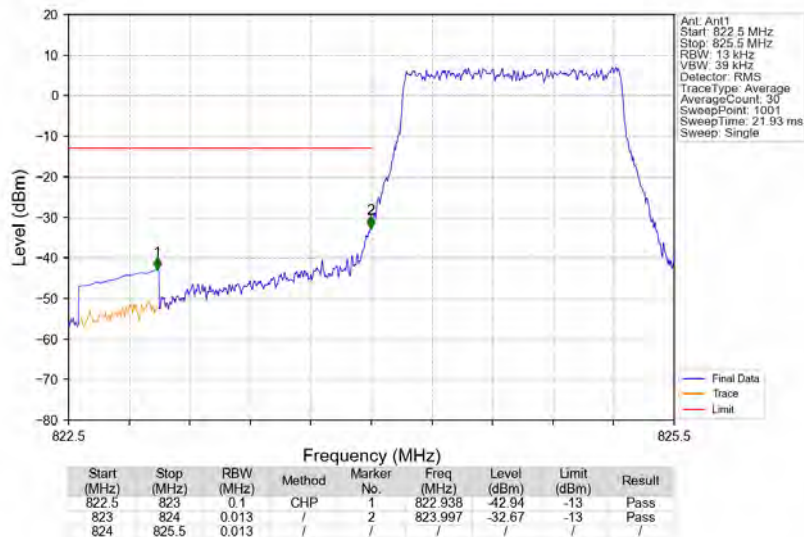
Band5_1.4MHz_64QAM_LCH_824.7MHz_RB_1_0_NTV



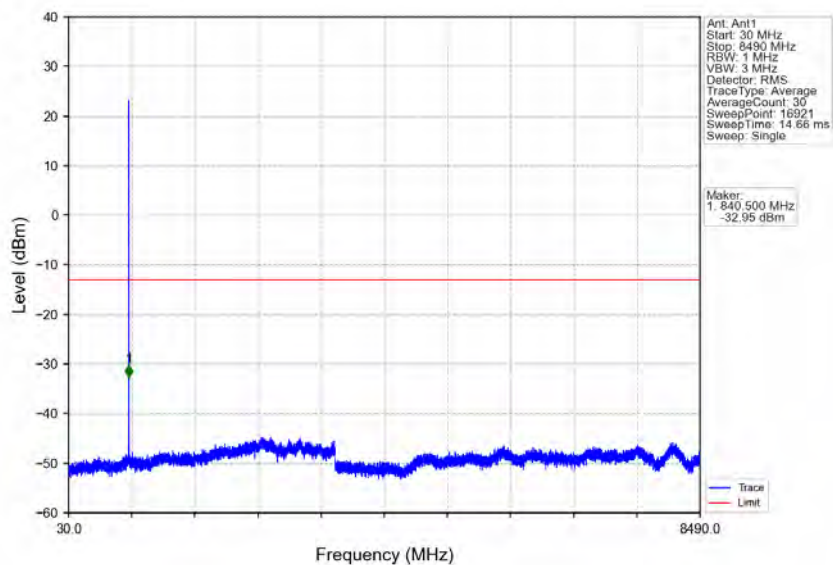
Band5_1.4MHz_64QAM_LCH_824.7MHz_RB_1_0_NTV



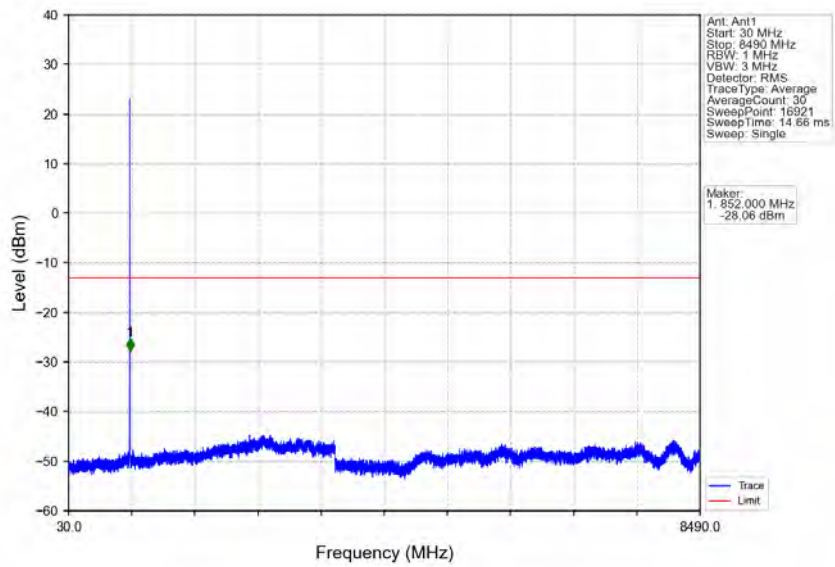
Band5_1.4MHz_64QAM_LCH_824.7MHz_RB_6_0_NTNV



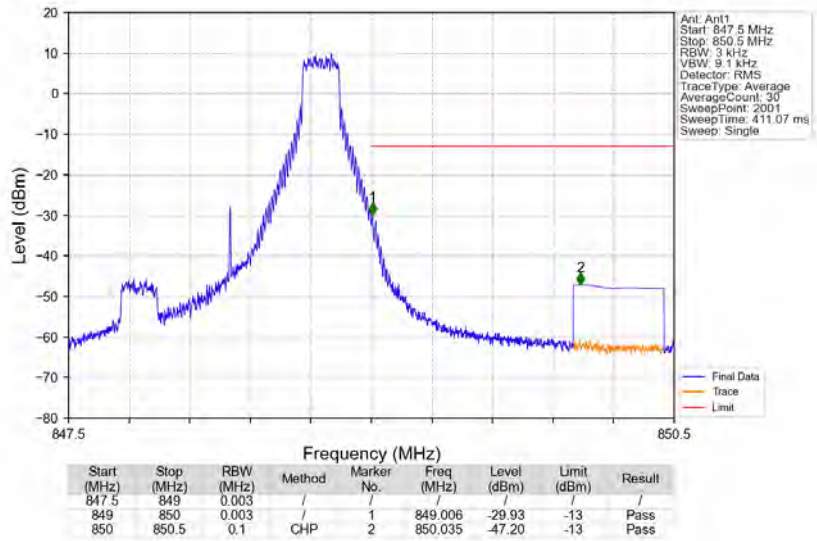
Band5_1.4MHz_64QAM_MCH_836.5MHz_RB_1_0_NTNV



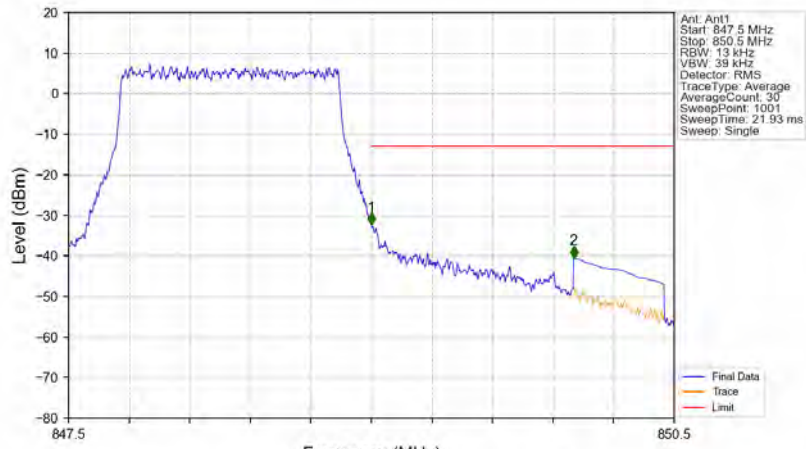
Band5_1.4MHz_64QAM_HCH_848.3MHz_RB_1_0_NTV



Band5_1.4MHz_64QAM_HCH_848.3MHz_RB_1_5_NTV



Band5_1.4MHz_64QAM_HCH_848.3MHz_RB_6_0_NTV



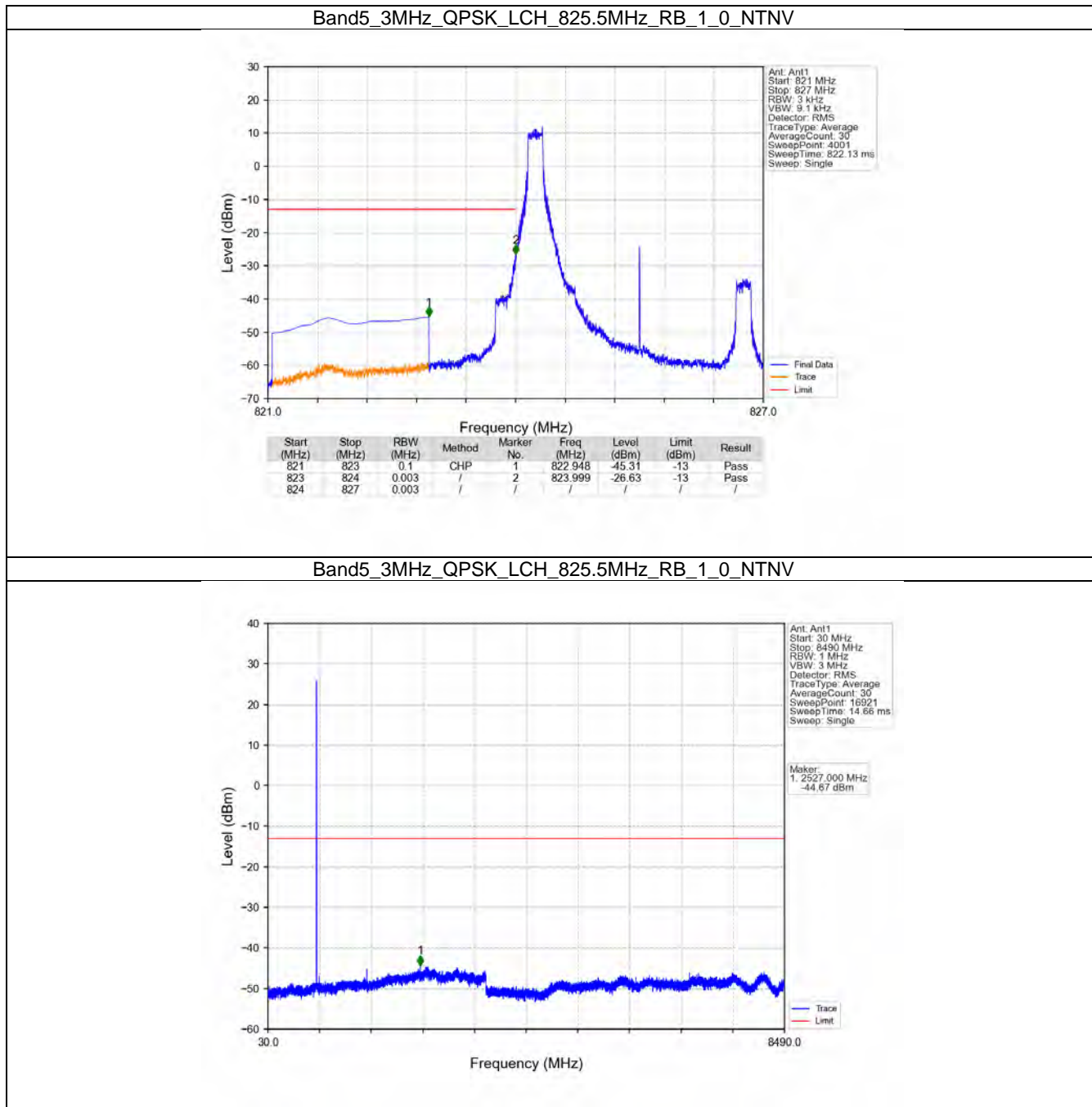
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
847.5	849	0.013	/	/	/	/	/	/
849	850	0.013	/	1	849.000	-32.32	-13	Pass
850	850.5	0.1	CHP	2	850.002	-40.58	-13	Pass

5.2 B5_3MHz

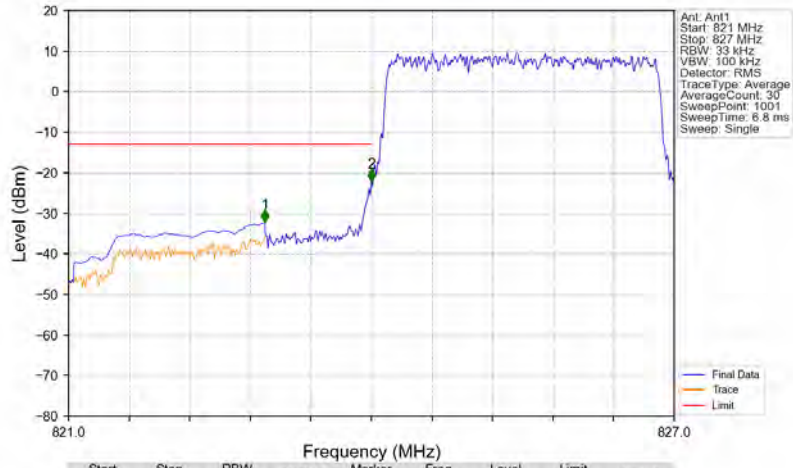
5.2.1 Test Result

Band: 5 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	825.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	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
64QAM	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

5.2.2 Test Graph

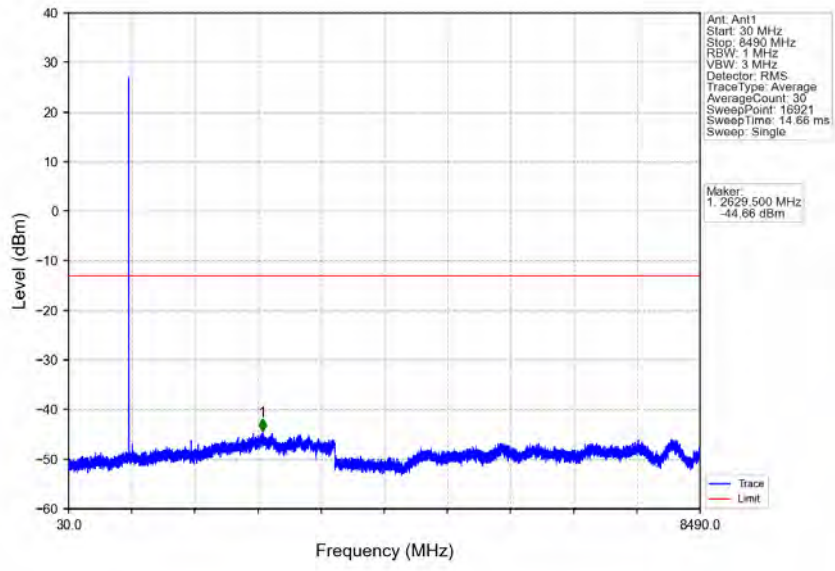


Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.944	-32.18	-13	Pass
823	824	0.033	/	2	824.000	-22.18	-13	Pass
824	827	0.033	/	/	/	/	/	/

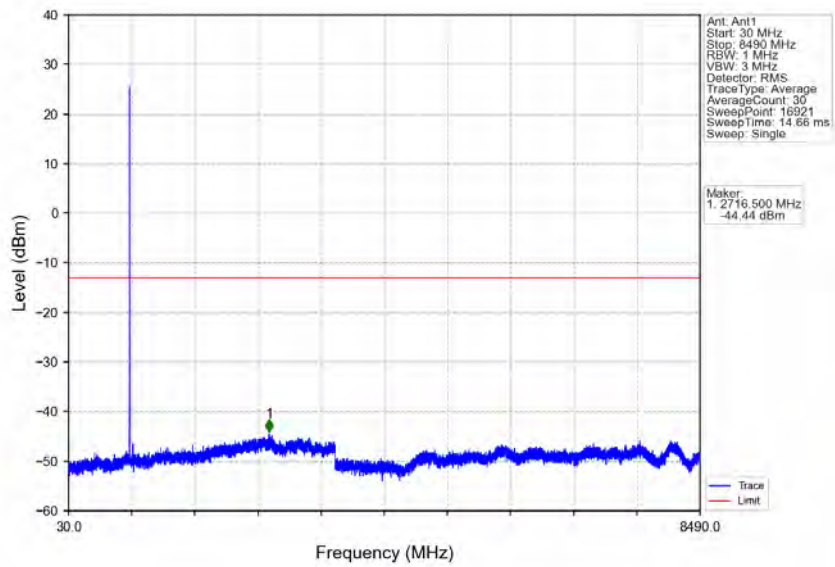
Band5_3MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



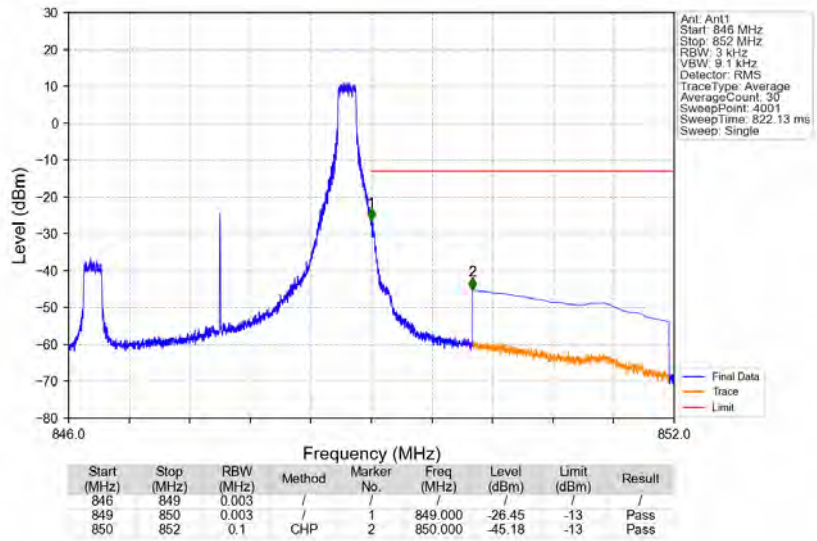
Ant: Ant1
 Start: 30 MHz
 Stop: 8490 MHz
 RBW: 1 MHz
 VBW: 3 MHz
 Detector: RMS
 Trace Type: Average
 Average Count: 30
 Sweep Point: 16921
 Sweep Time: 14.66 ms
 Sweep: Single

Marker:
 1.2629500 MHz
 -44.66 dBm

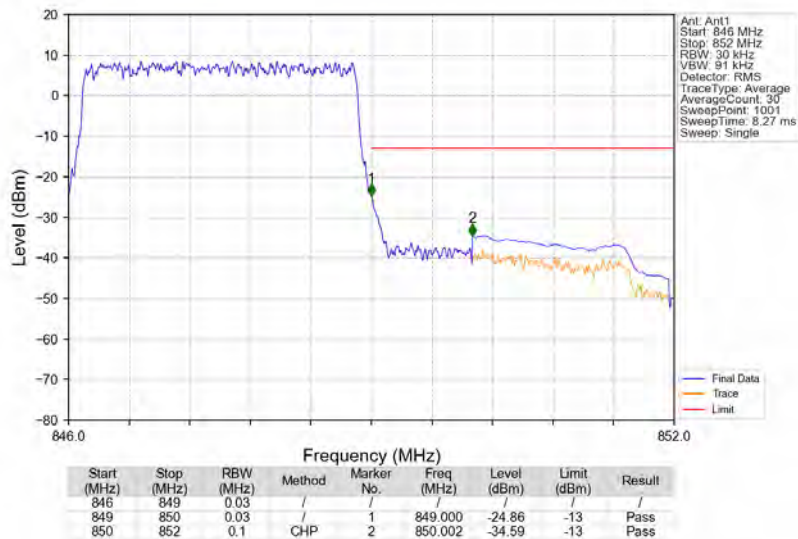
Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_0_NTNV



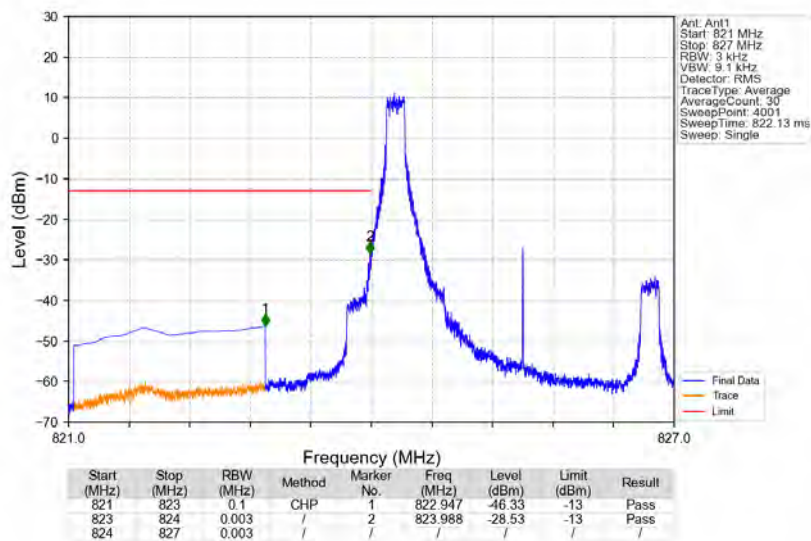
Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_14_NTNV



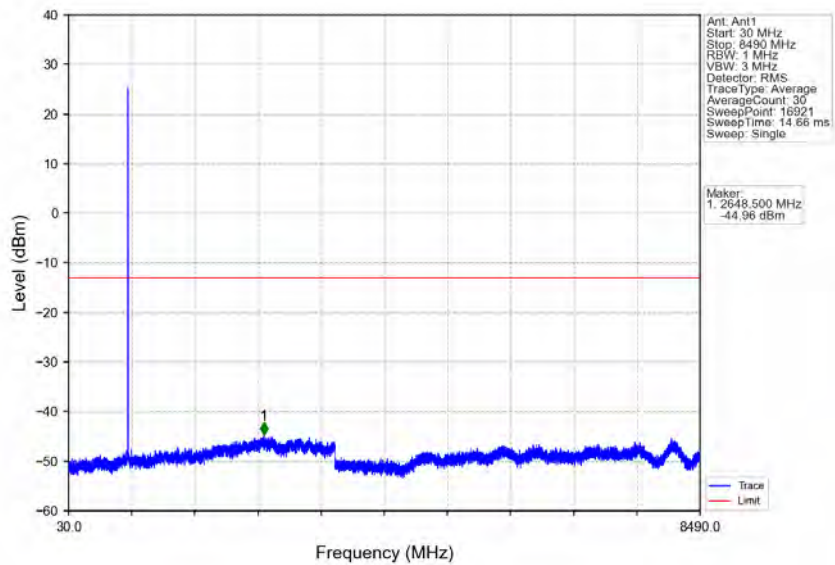
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



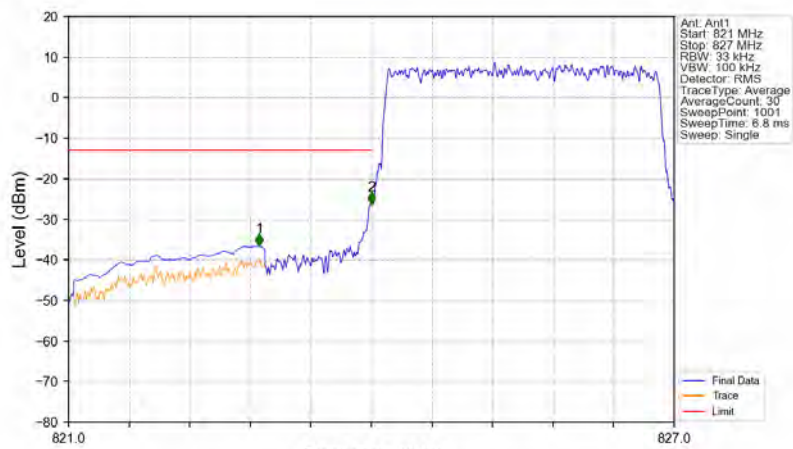
Band5_3MHz_16QAM_LCH_825.5MHz_RB_1_0_NTNV



Band5_3MHz_16QAM_LCH_825.5MHz_RB_1_0_NTNV

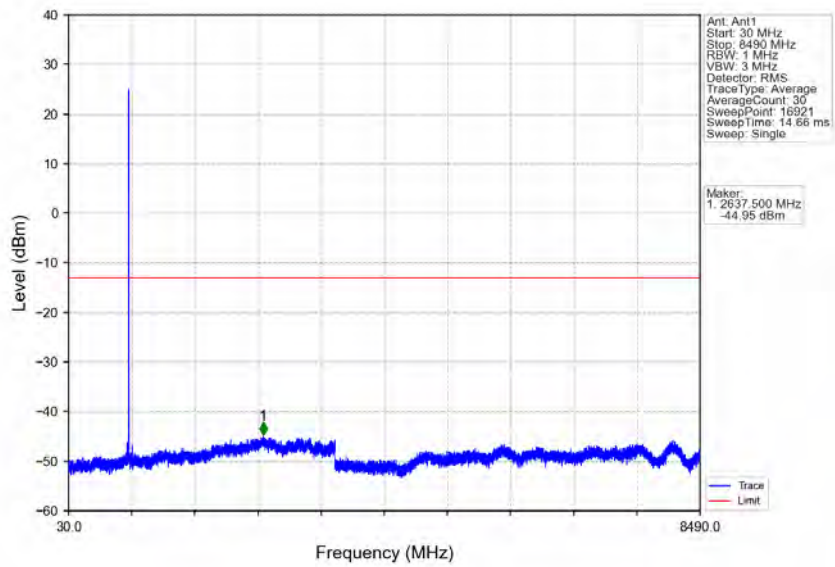


Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV

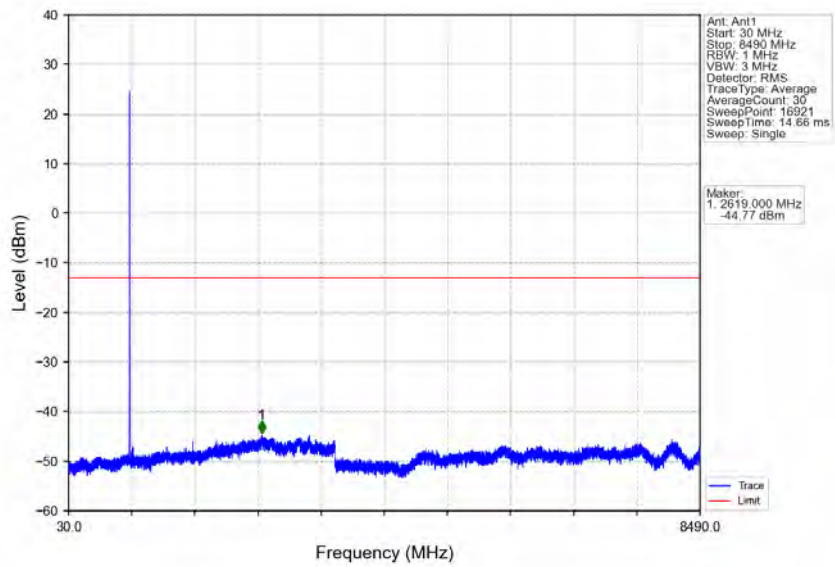


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.890	-36.56	-13	Pass
823	824	0.033	/	2	824.000	-26.36	-13	Pass
824	827	0.033	/	/	/	/	/	/

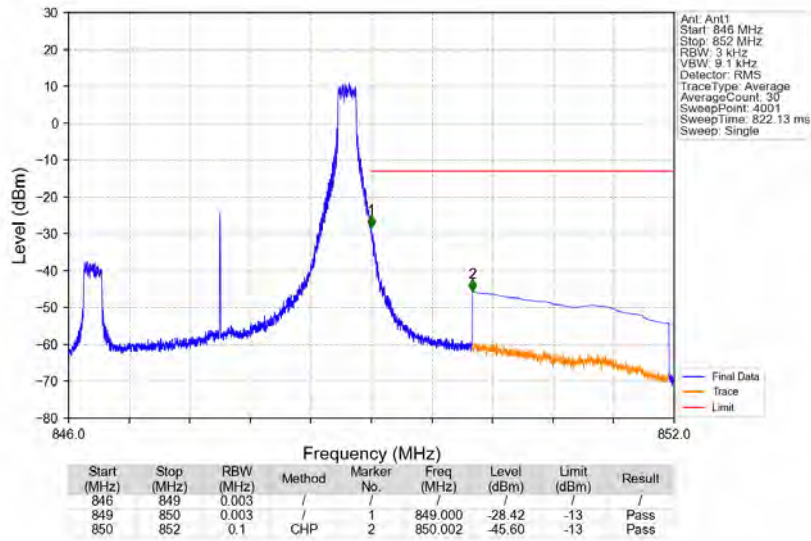
Band5_3MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



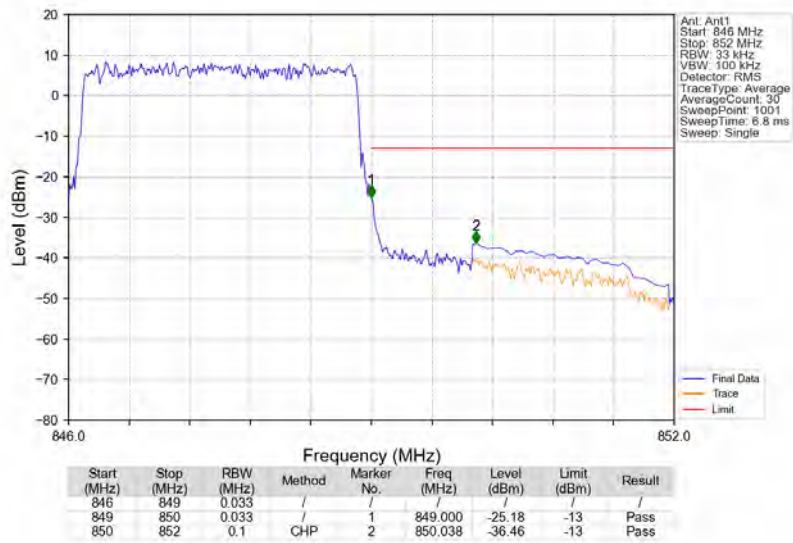
Band5_3MHz_16QAM_HCH_847.5MHz_RB_1_0_NTNV



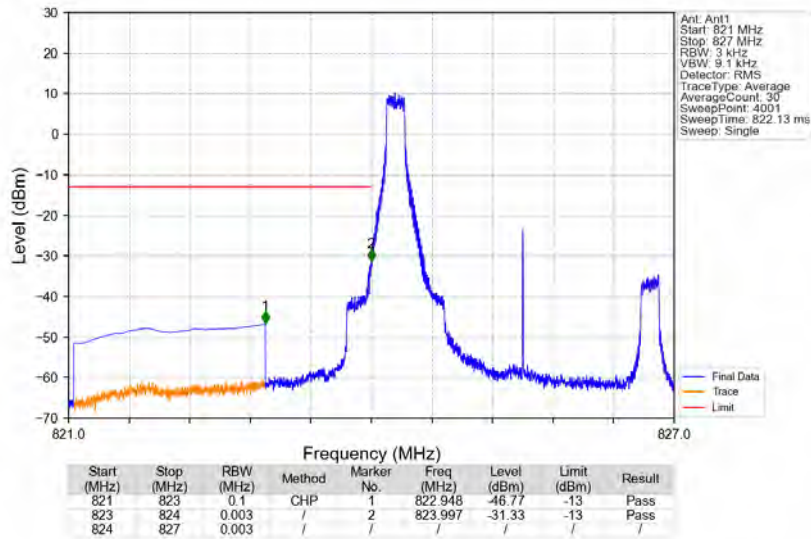
Band5_3MHz_16QAM_HCH_847.5MHz_RB_1_14_NTNV



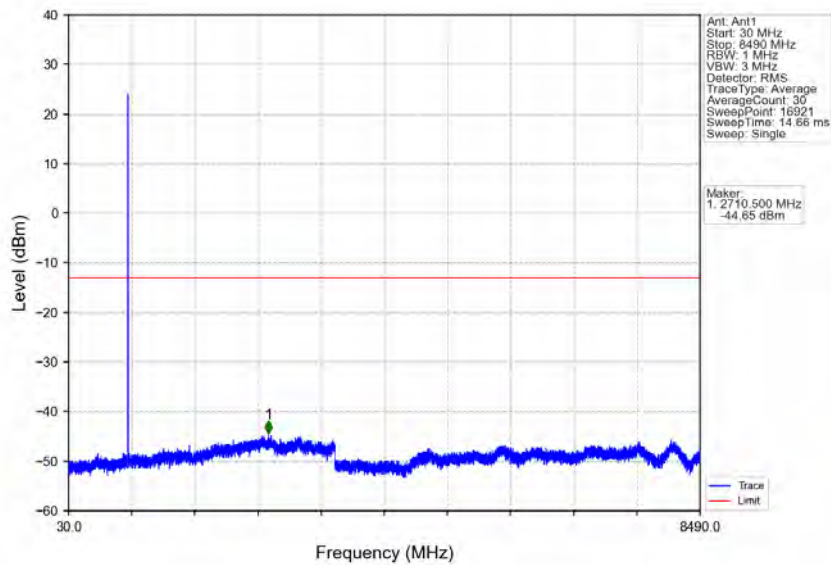
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



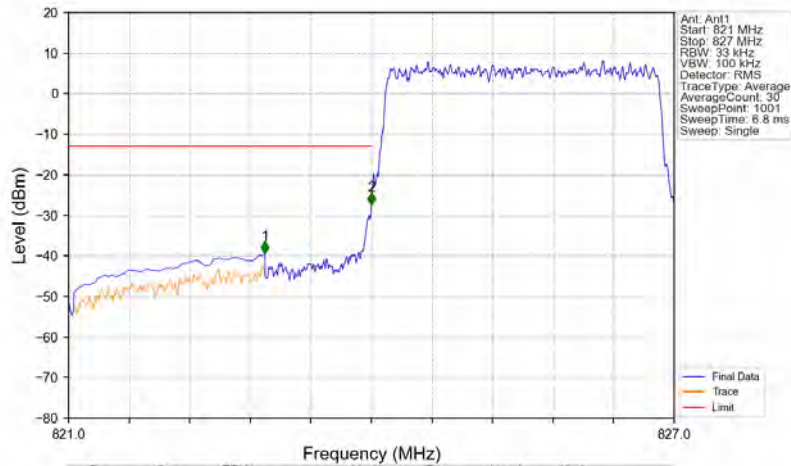
Band5_3MHz_64QAM_LCH_825.5MHz_RB_1_0_NTNV



Band5_3MHz_64QAM_LCH_825.5MHz_RB_1_0_NTNV

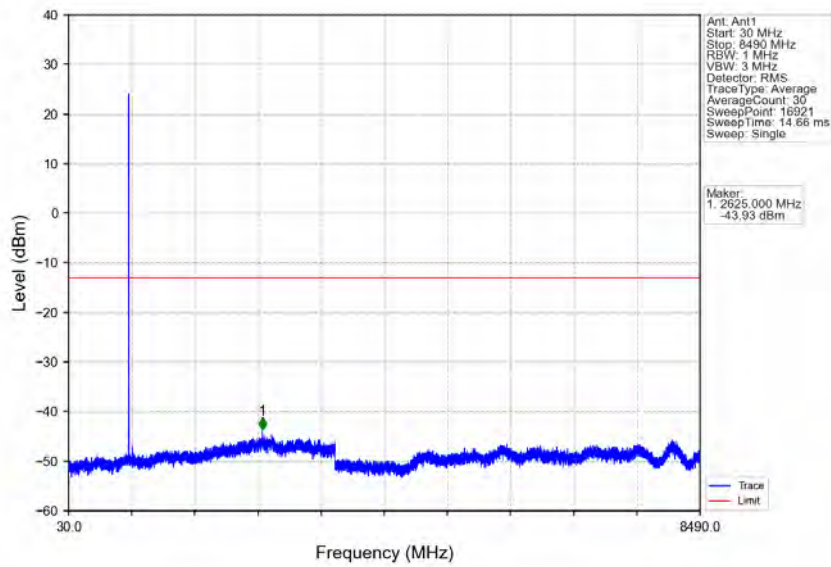


Band5_3MHz_64QAM_LCH_825.5MHz_RB_15_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.944	-39.51	-13	Pass
823	824	0.033	/	2	824.000	-27.49	-13	Pass
824	827	0.033	/	/	/	/	/	/

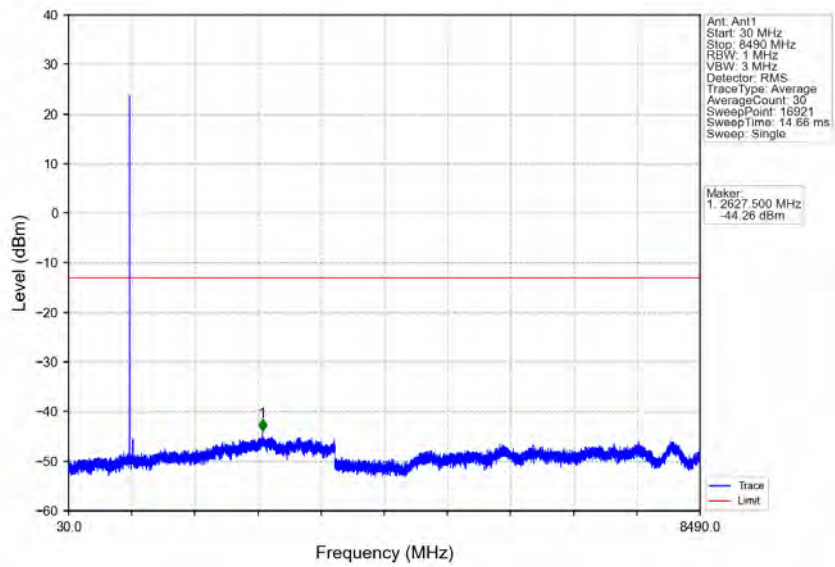
Band5_3MHz_64QAM_MCH_836.5MHz_RB_1_0_NTNV



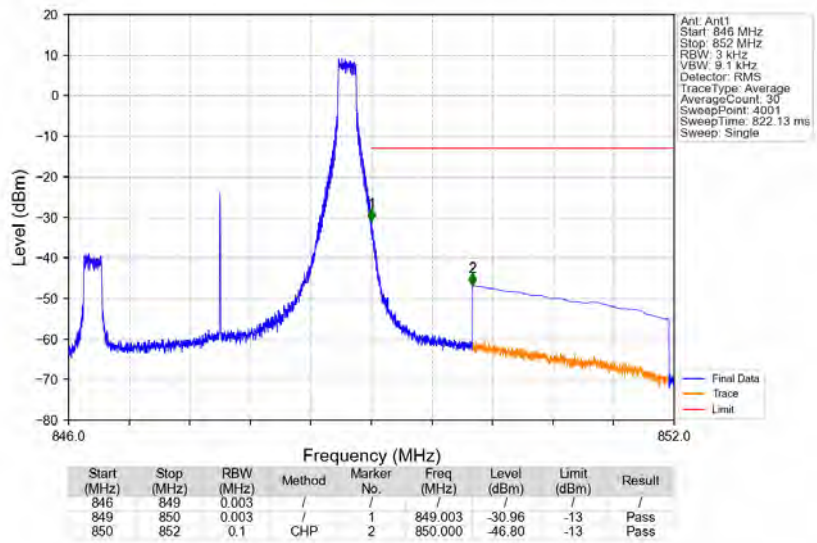
Ant: Ant1
 Start: 30 MHz
 Stop: 8490 MHz
 RBW: 1 MHz
 VBW: 3 MHz
 Detector: RMS
 Trace Type: Average
 Average Count: 30
 Sweep Point: 16921
 Sweep Time: 14.66 ms
 Sweep: Single

Marker
 1.2625000 MHz
 -43.93 dBm

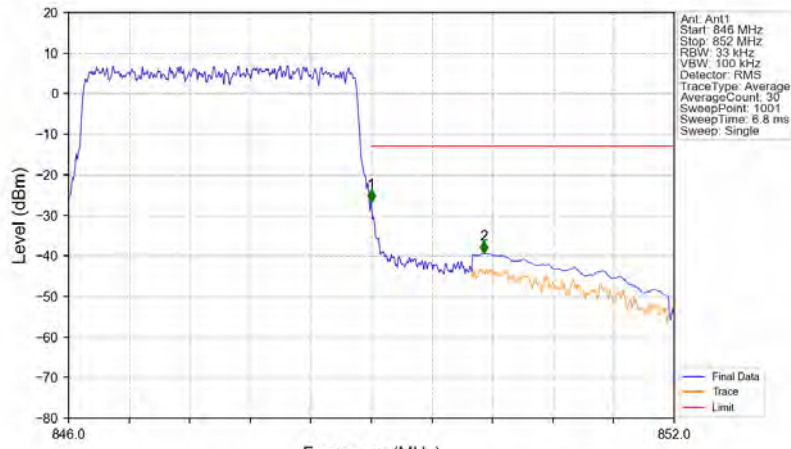
Band5_3MHz_64QAM_HCH_847.5MHz_RB_1_0_NTNV



Band5_3MHz_64QAM_HCH_847.5MHz_RB_1_14_NTNV



Band5_3MHz_64QAM_HCH_847.5MHz_RB_15_0_NTNV



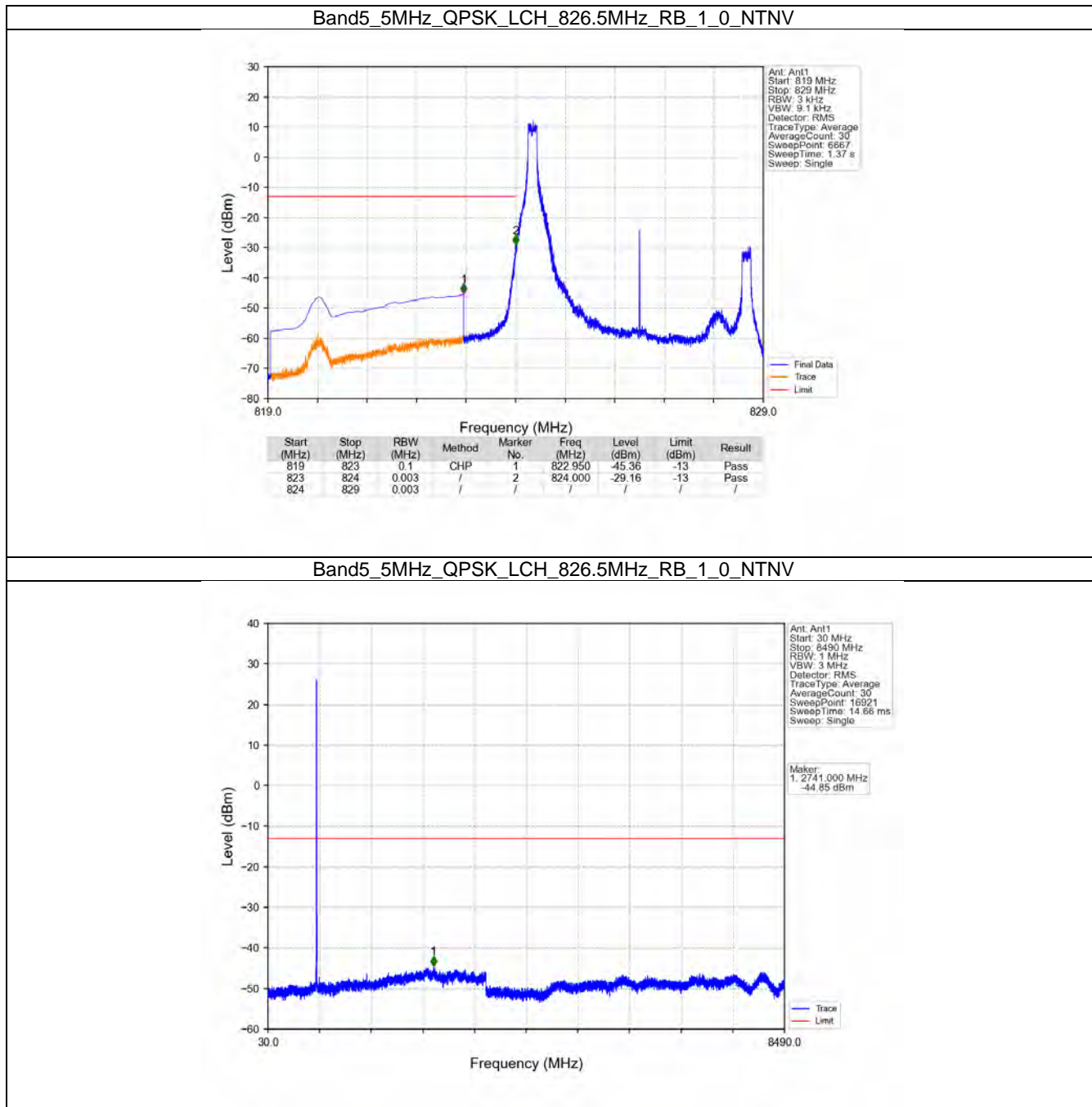
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.033	/	/	/	/	/	/
849	850	0.033	/	1	849.000	-26.81	-13	Pass
850	852	0.1	CHP	2	850.116	-39.44	-13	Pass

5.3 B5_5MHz

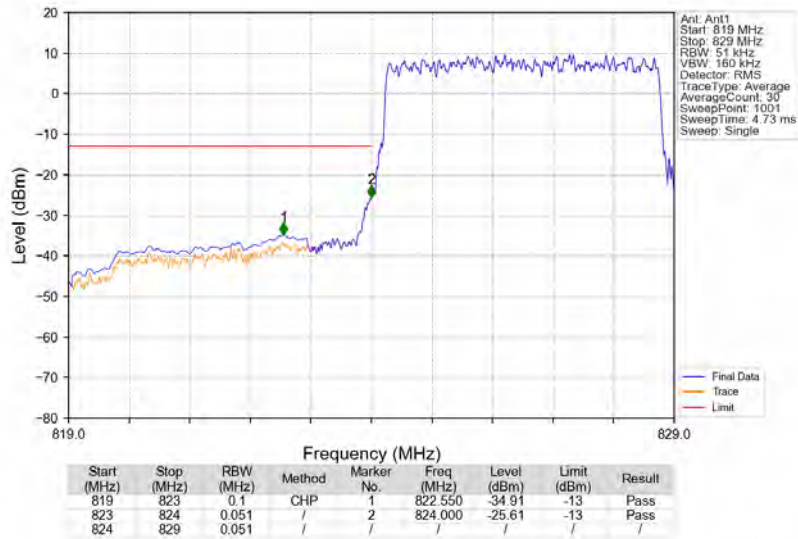
5.3.1 Test Result

Band: 5 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	826.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	846.5	1	0	Refer To Test Graph		Pass
		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
	846.5	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
25	0	Refer To Test Graph		Pass		
64QAM	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	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
25	0	Refer To Test Graph		Pass		

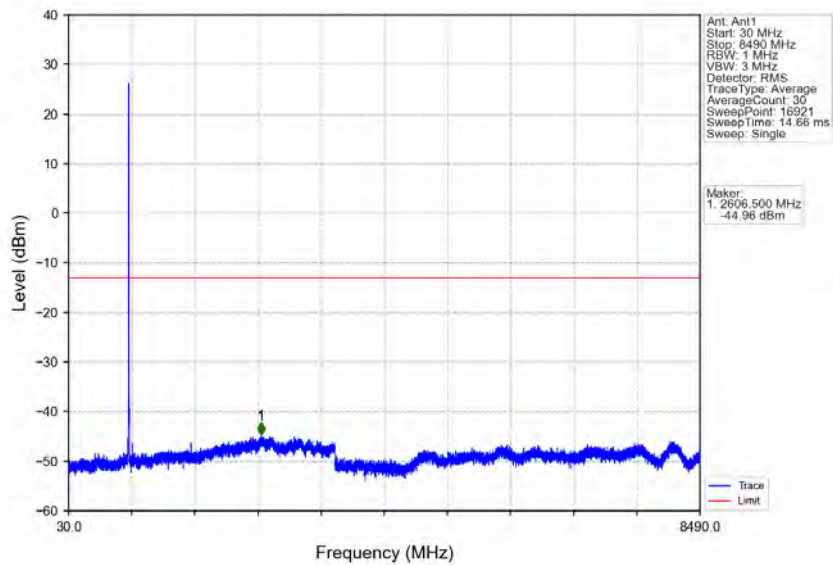
5.3.2 Test Graph



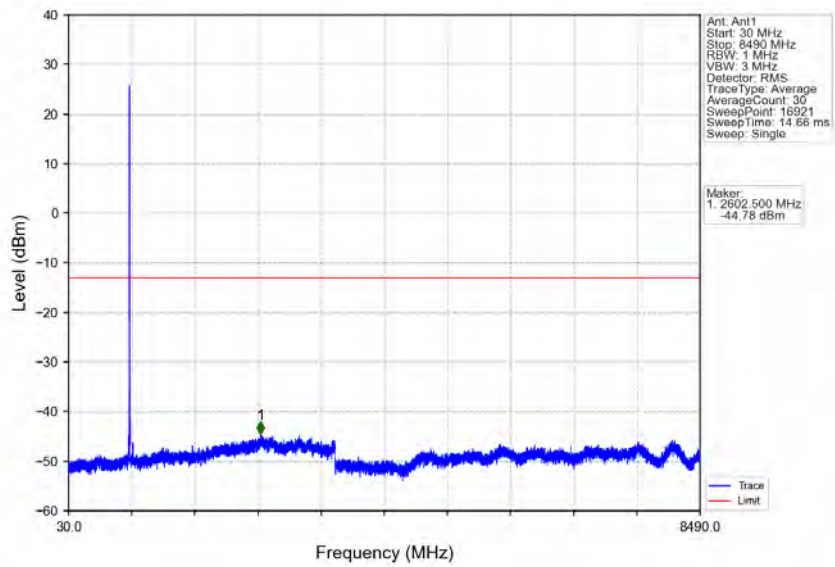
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



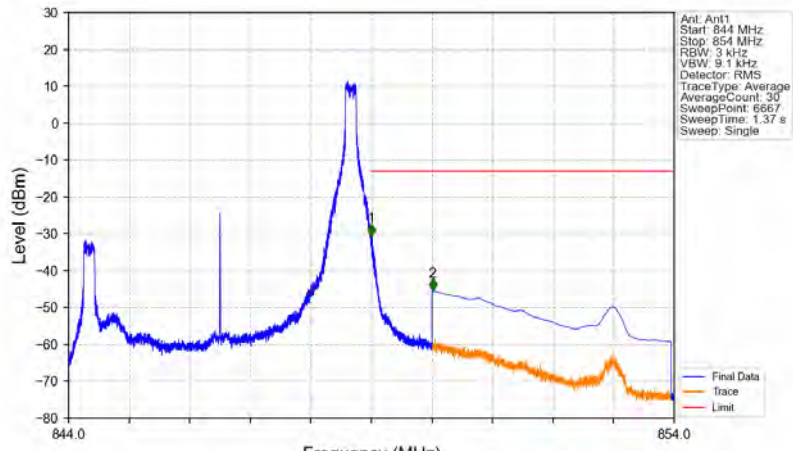
Band5_5MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_0_NTNV

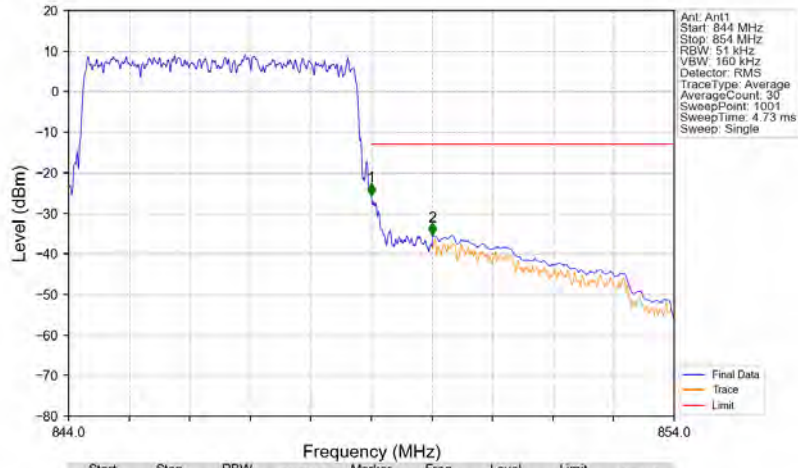


Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_24_NTNV

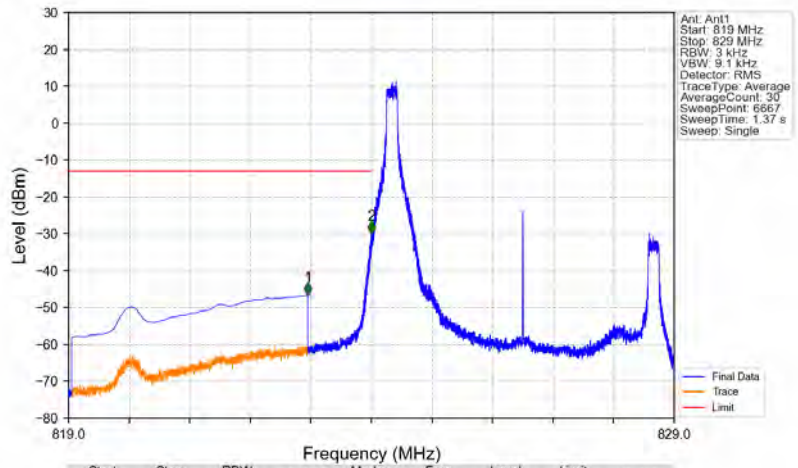


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.000	-30.63	-13	Pass
850	854	0.1	CHP	2	850.013	-45.44	-13	Pass

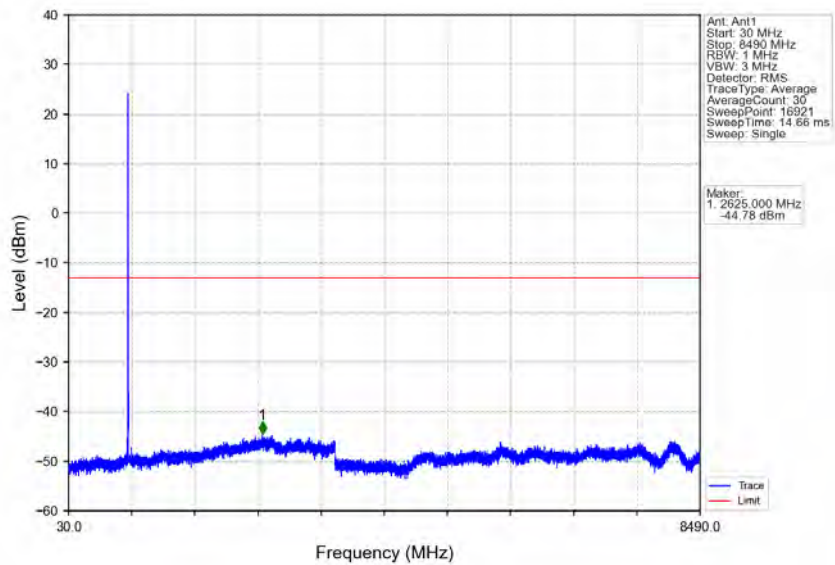
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



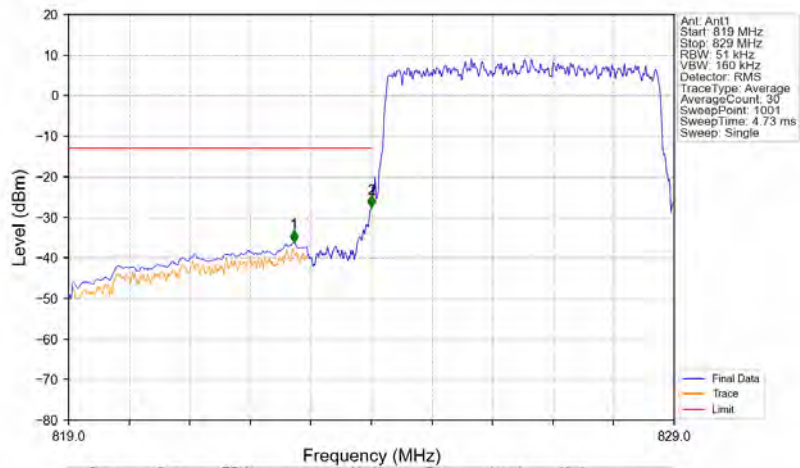
Band5_5MHz_16QAM_LCH_826.5MHz_RB_1_0_NTNV



Band5_5MHz_16QAM_LCH_826.5MHz_RB_1_0_NTNV

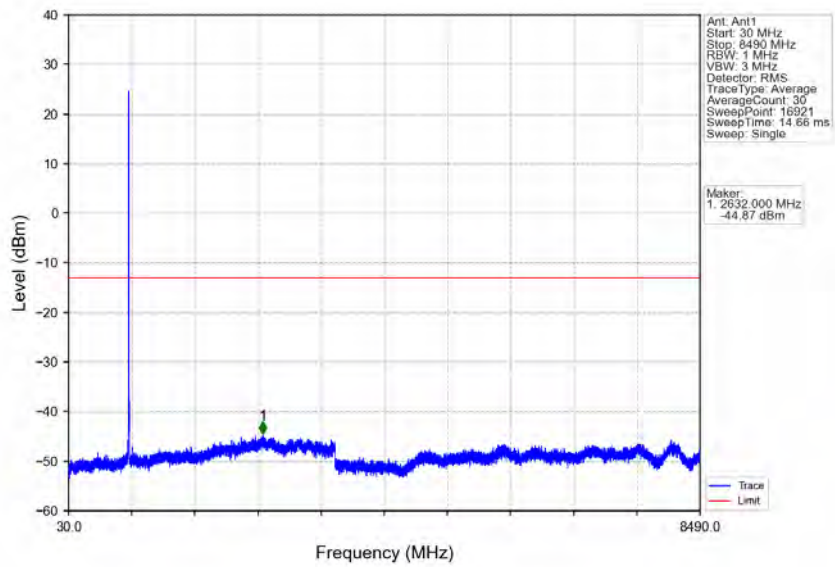


Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV

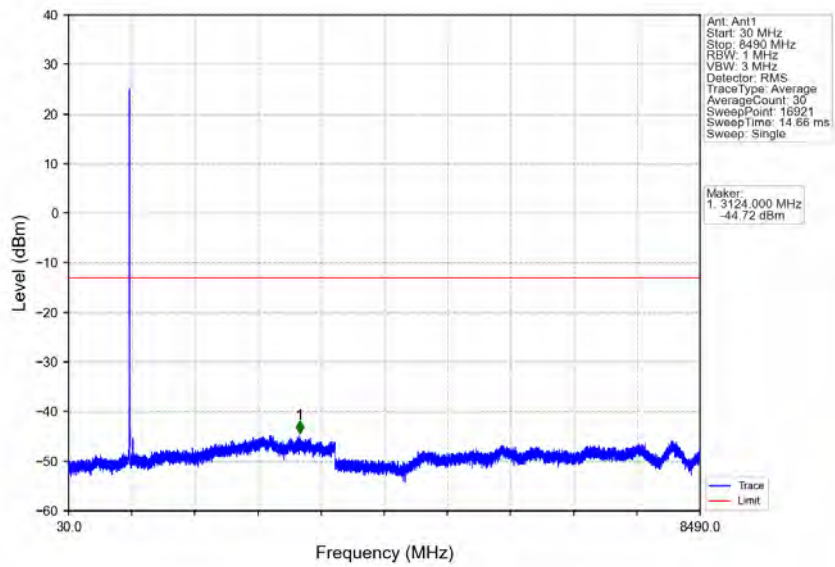


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.720	-36.19	-13	Pass
823	824	0.051	/	2	824.000	-27.67	-13	Pass
824	829	0.051	/	/	/	/	/	/

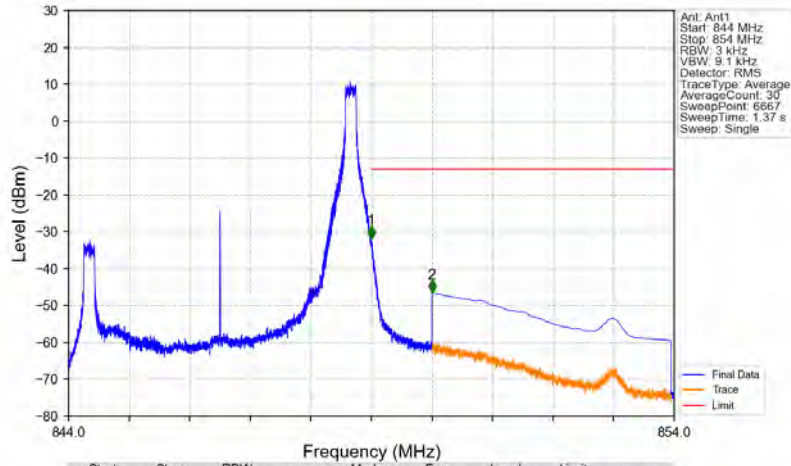
Band5_5MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



Band5_5MHz_16QAM_HCH_846.5MHz_RB_1_0_NTNV

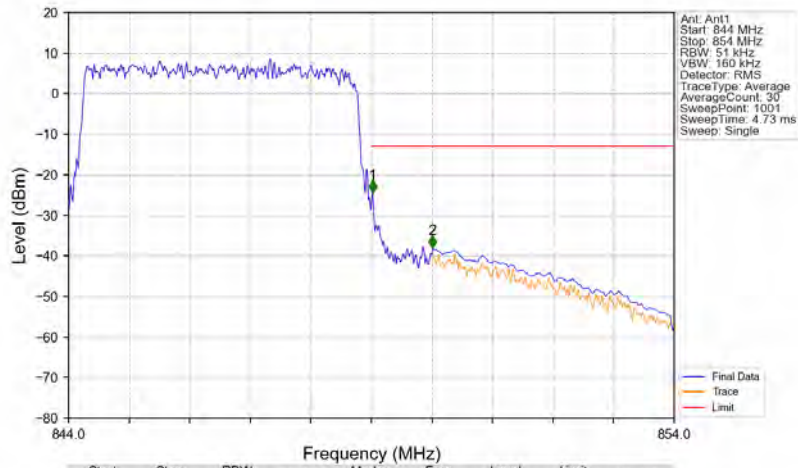


Band5_5MHz_16QAM_HCH_846.5MHz_RB_1_24_NTNV



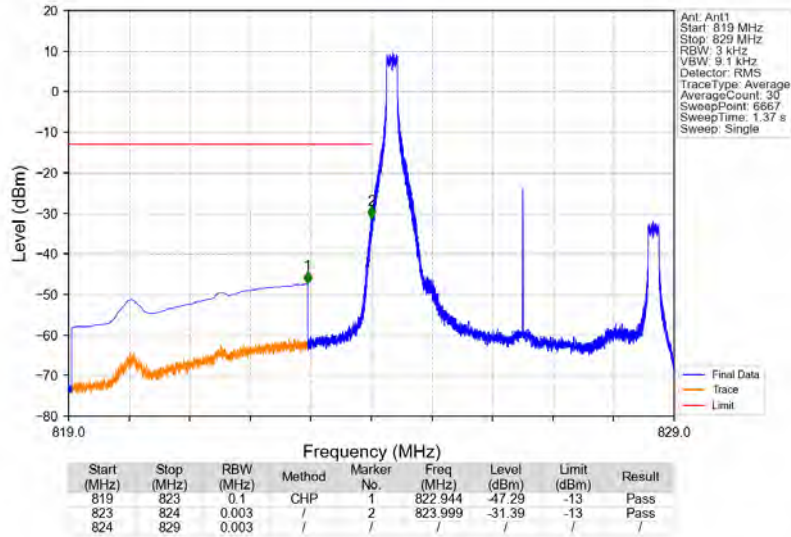
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.000	-31.81	-13	Pass
850	854	0.1	CHP	2	850.001	-46.44	-13	Pass

Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV

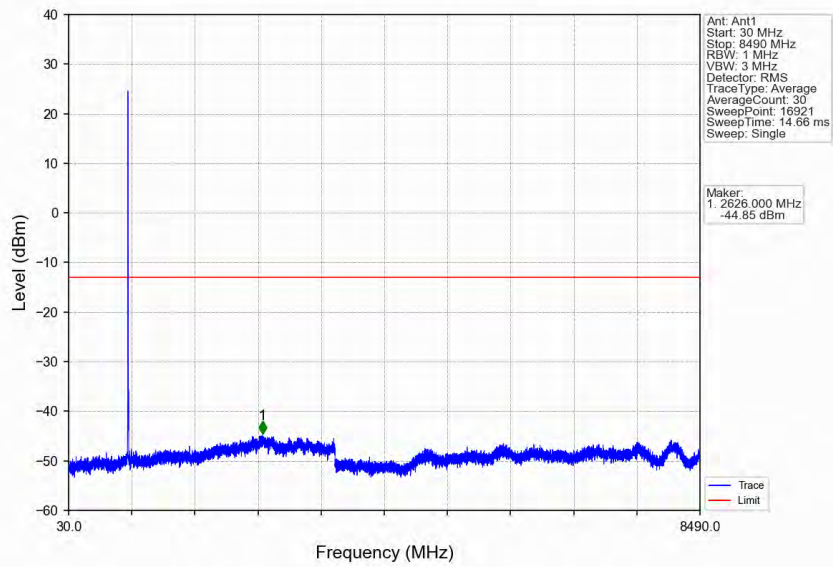


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.051	/	/	/	/	/	/
849	850	0.051	/	1	849.020	-24.48	-13	Pass
850	854	0.1	CHP	2	850.010	-38.07	-13	Pass

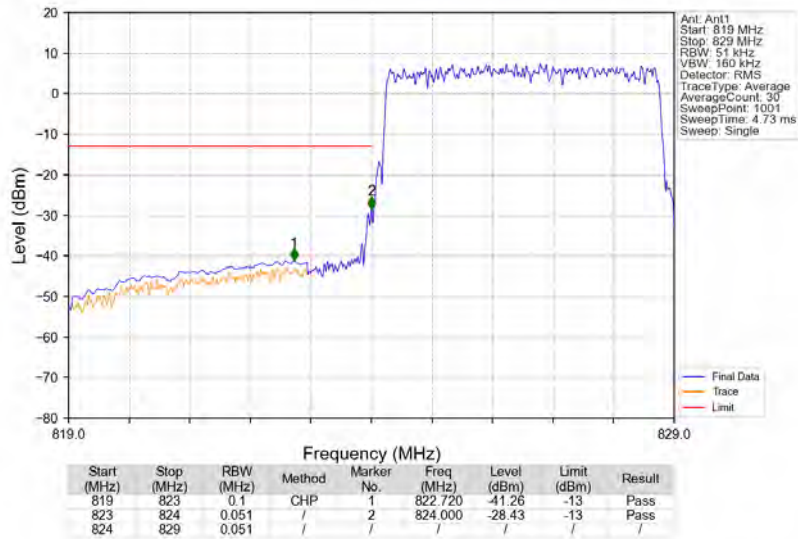
Band5_5MHz_64QAM_LCH_826.5MHz_RB_1_0_NTNV



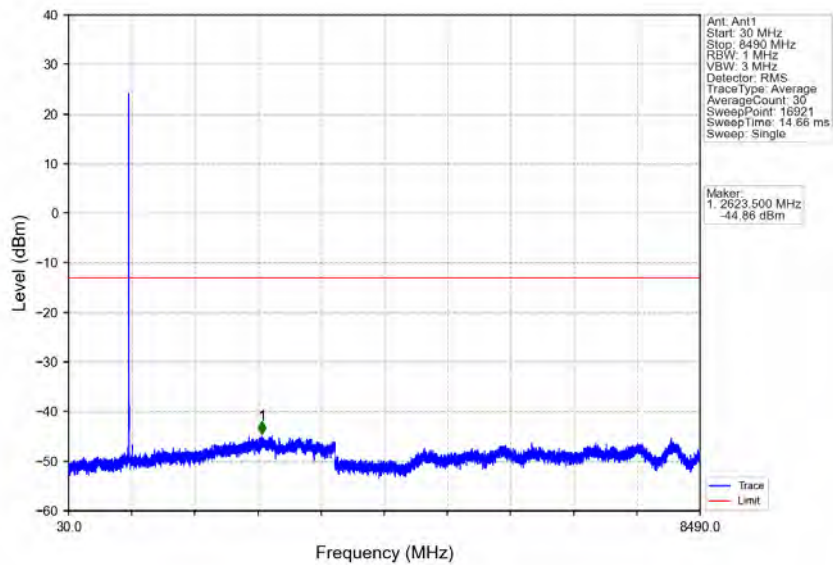
Band5_5MHz_64QAM_LCH_826.5MHz_RB_1_0_NTNV



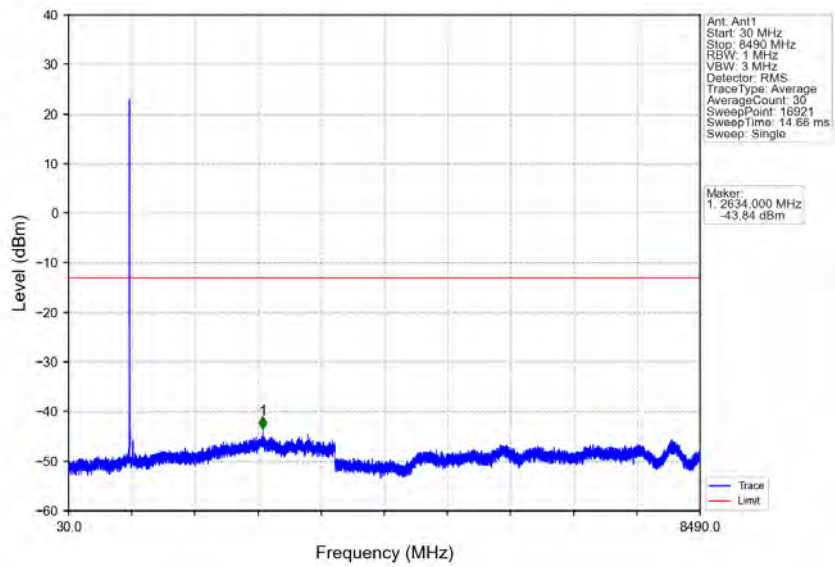
Band5_5MHz_64QAM_LCH_826.5MHz_RB_25_0_NTNV



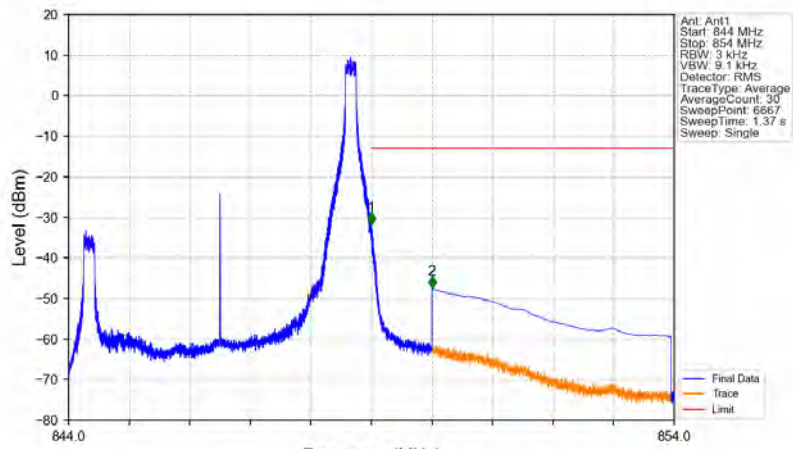
Band5_5MHz_64QAM_MCH_836.5MHz_RB_1_0_NTNV



Band5_5MHz_64QAM_HCH_846.5MHz_RB_1_0_NTNV

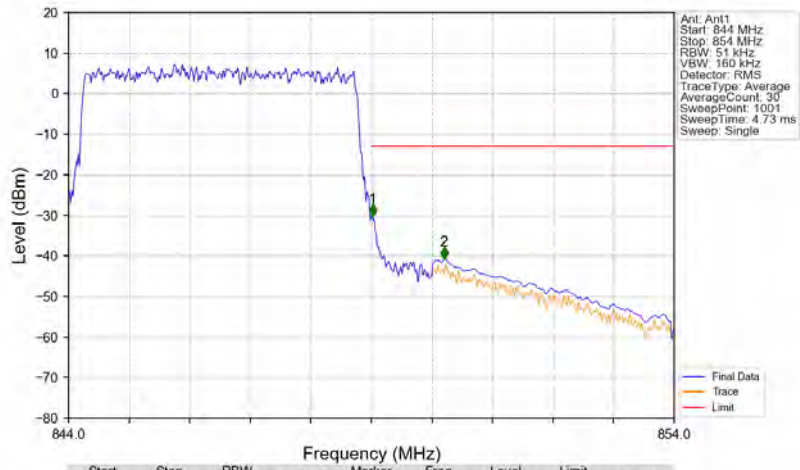


Band5_5MHz_64QAM_HCH_846.5MHz_RB_1_24_NTNV



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	849.000	-31.91	-13	Pass
850	854	0.1	CHP	2	850.001	-47.54	-13	Pass

Band5_5MHz_64QAM_HCH_846.5MHz_RB_25_0_NTNV



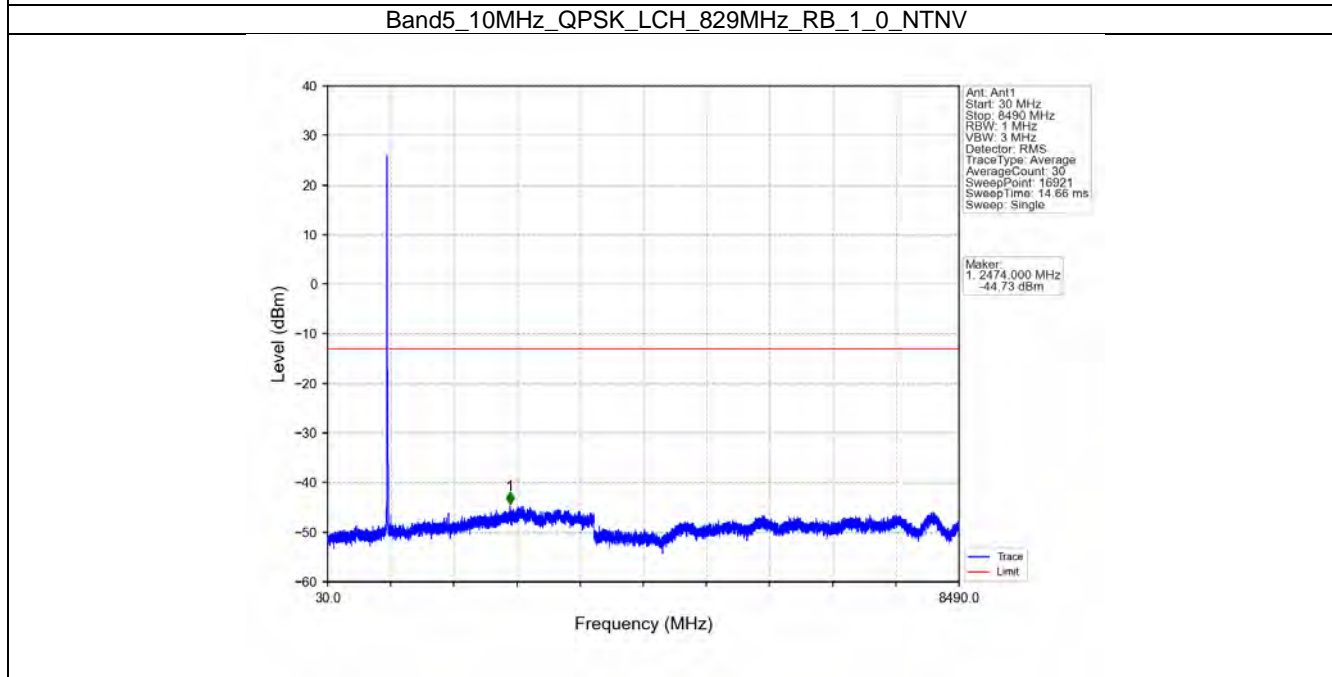
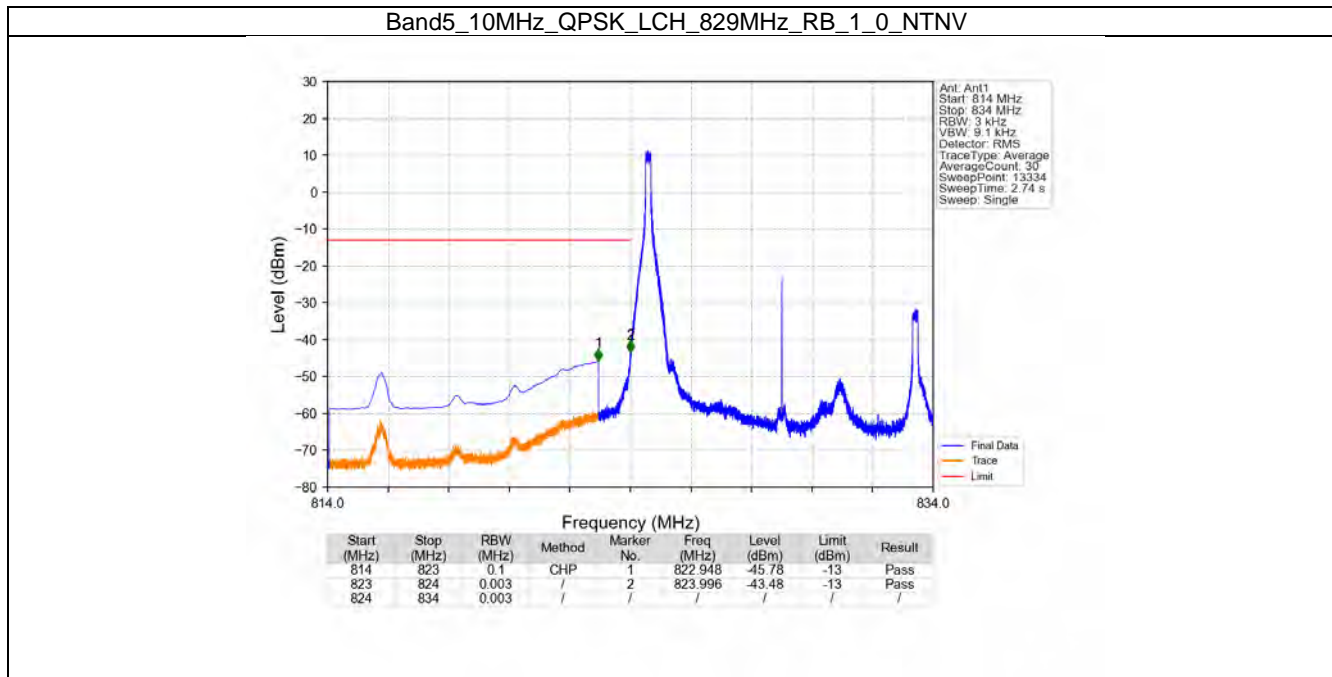
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.051	/	/	/	/	/	/
849	850	0.051	/	1	849.020	-30.28	-13	Pass
850	854	0.1	CHP	2	850.200	-40.84	-13	Pass

5.4 B5_10MHz

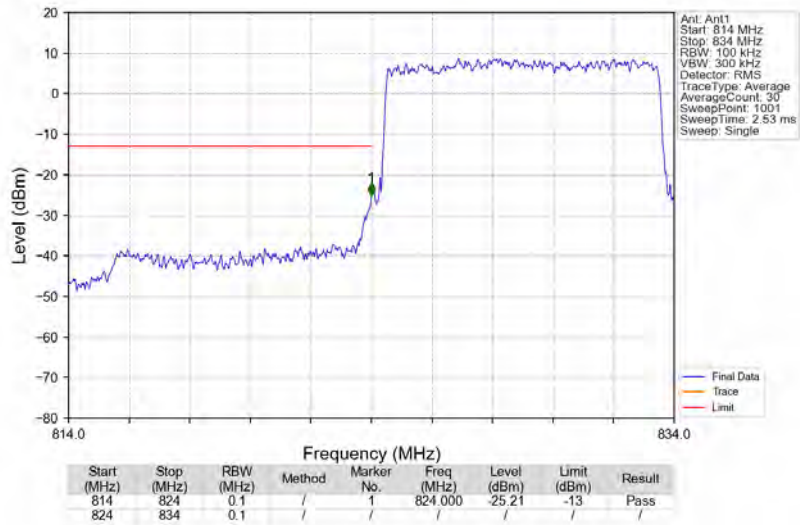
5.4.1 Test Result

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
	844	1	0	Refer To Test Graph		Pass
		1	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
	844	1	0	Refer To Test Graph		Pass
		1	49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
64QAM	829	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	844	1	0	Refer To Test Graph		Pass
		1	49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

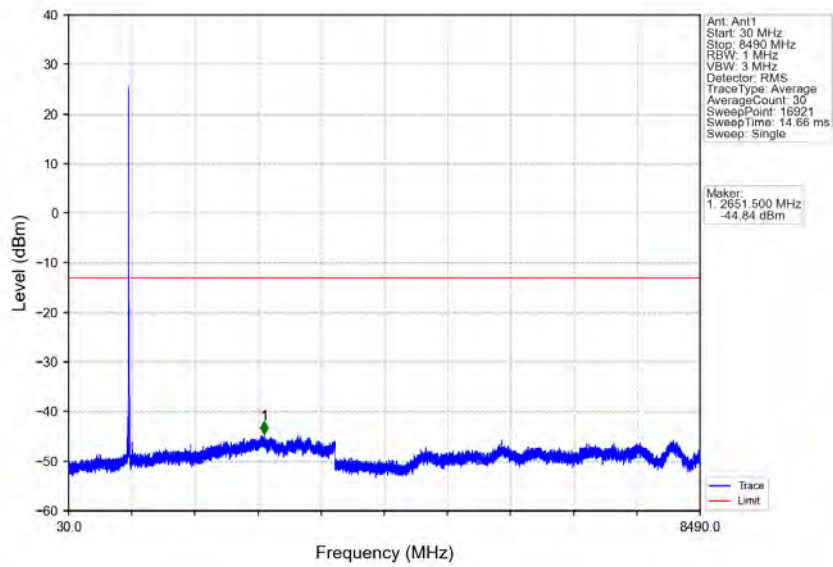
5.4.2 Test Graph



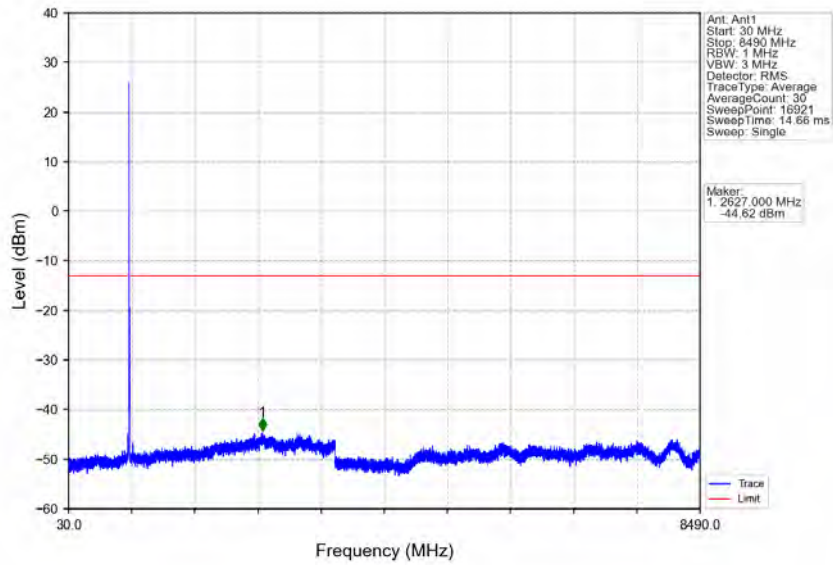
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



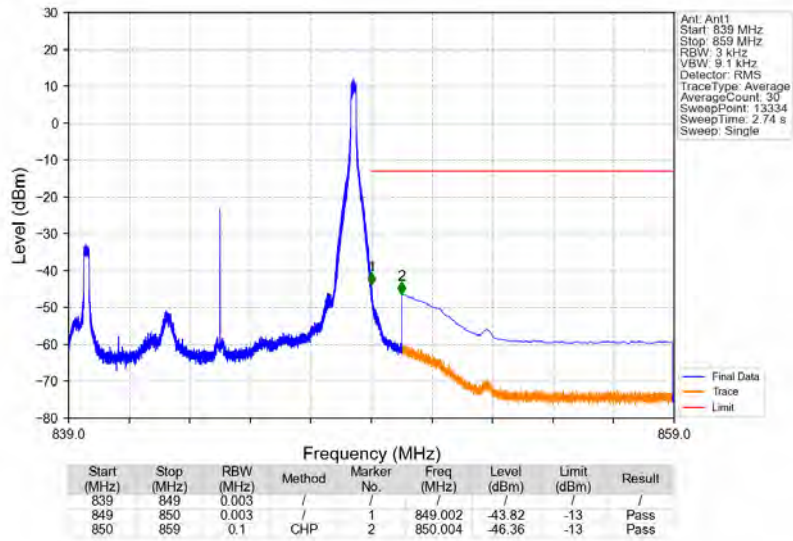
Band5_10MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



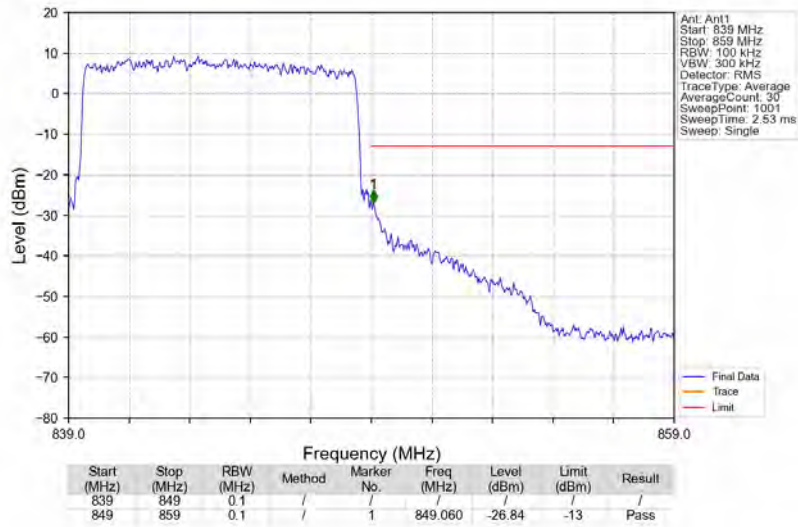
Band5_10MHz_QPSK_HCH_844MHz_RB_1_0_NTNV



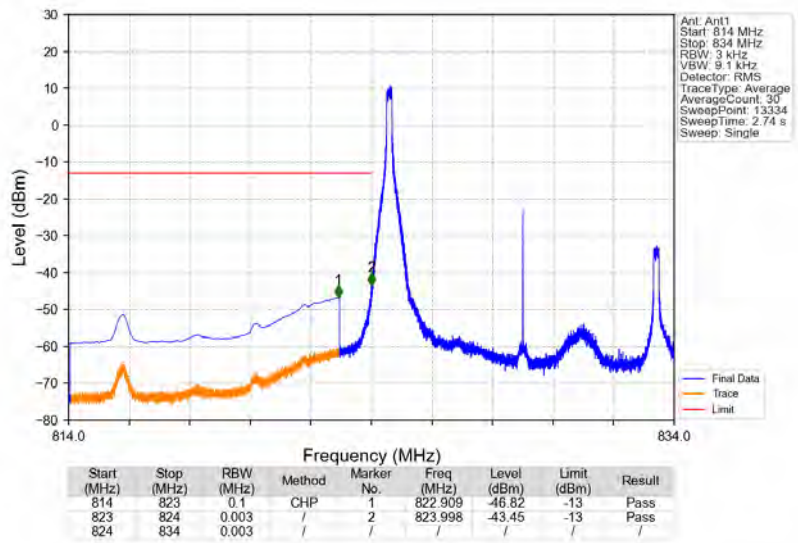
Band5_10MHz_QPSK_HCH_844MHz_RB_1_49_NTNV



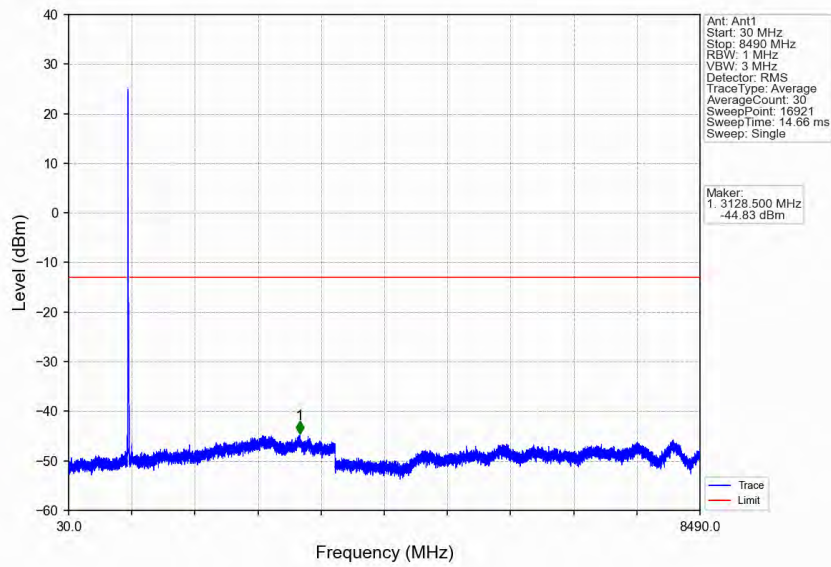
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



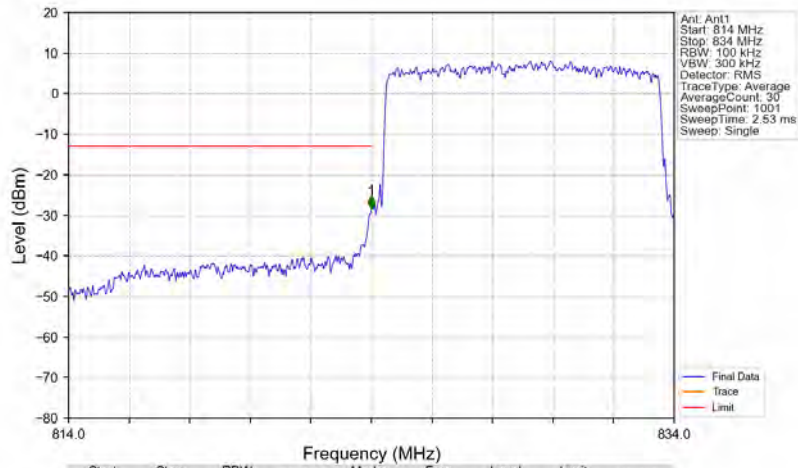
Band5_10MHz_16QAM_LCH_829MHz_RB_1_0_NTNV



Band5_10MHz_16QAM_LCH_829MHz_RB_1_0_NTNV

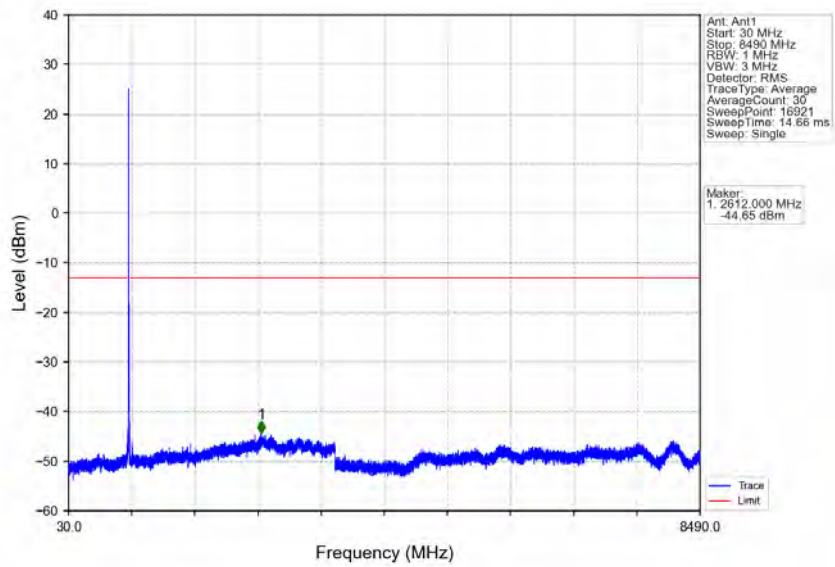


Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV

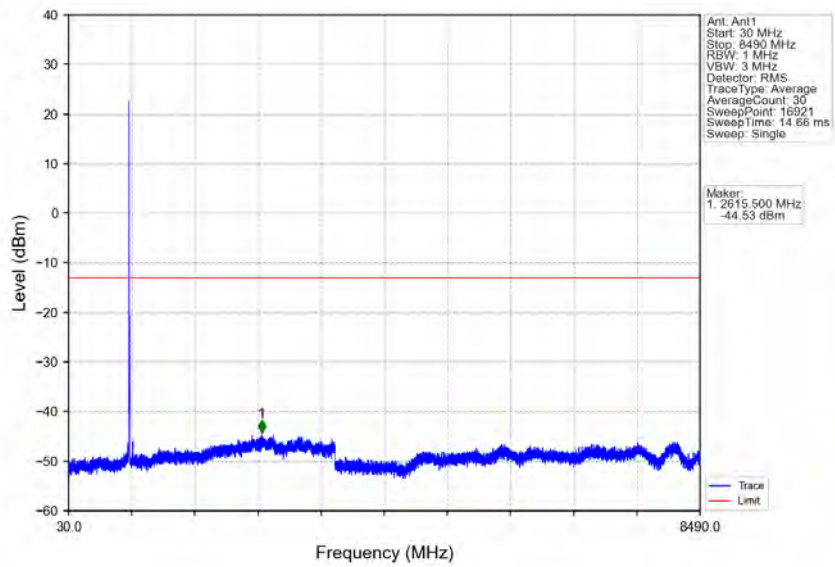


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	824	0.1	/	1	824.000	-28.40	-13	Pass
824	834	0.1	/	/	/	/	/	/

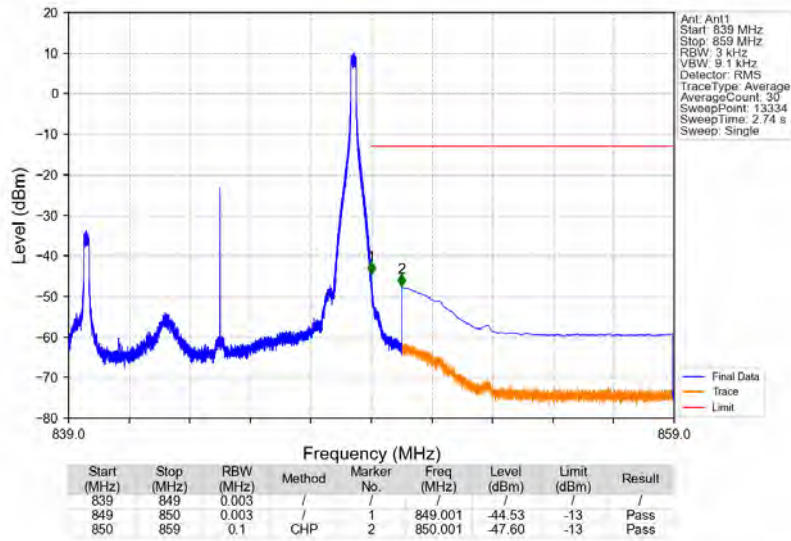
Band5_10MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



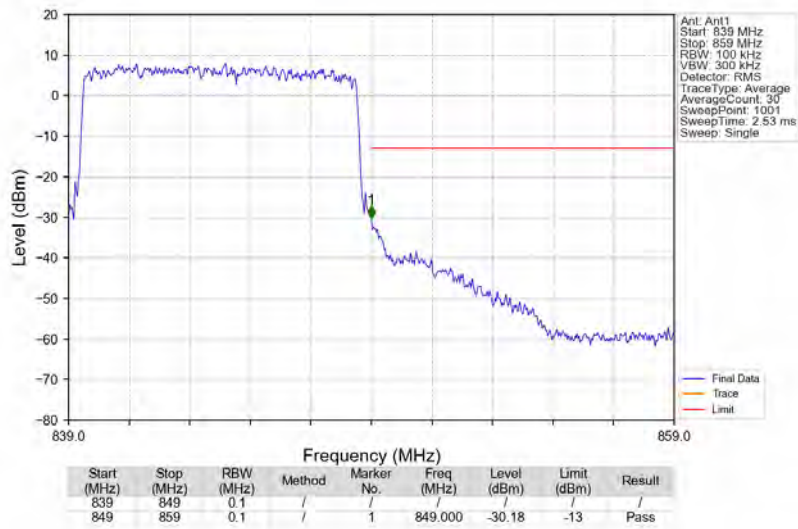
Band5_10MHz_16QAM_HCH_844MHz_RB_1_0_NTNV



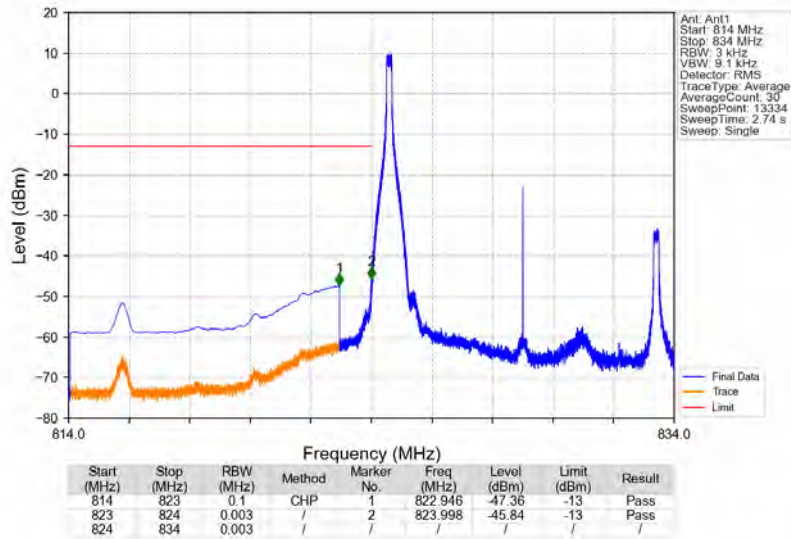
Band5_10MHz_16QAM_HCH_844MHz_RB_1_49_NTNV



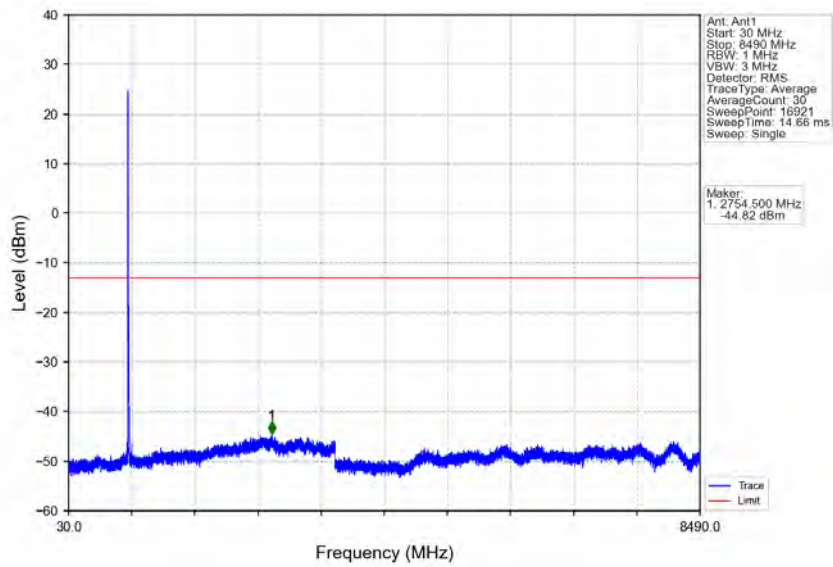
Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



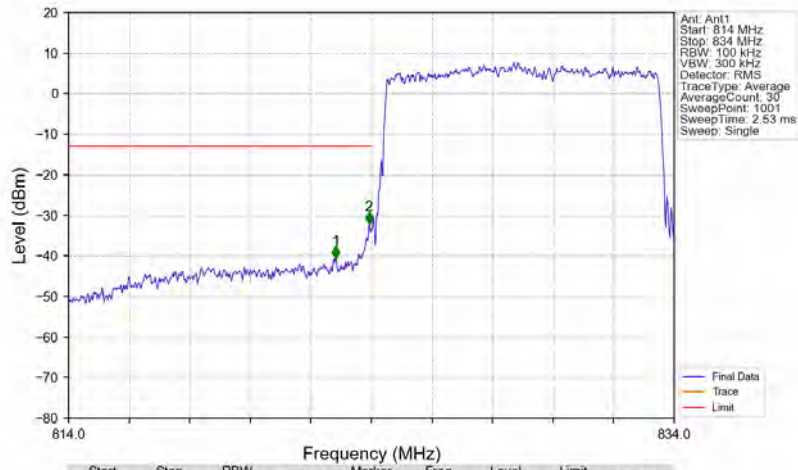
Band5_10MHz_64QAM_LCH_829MHz_RB_1_0_NTNV



Band5_10MHz_64QAM_LCH_829MHz_RB_1_0_NTNV

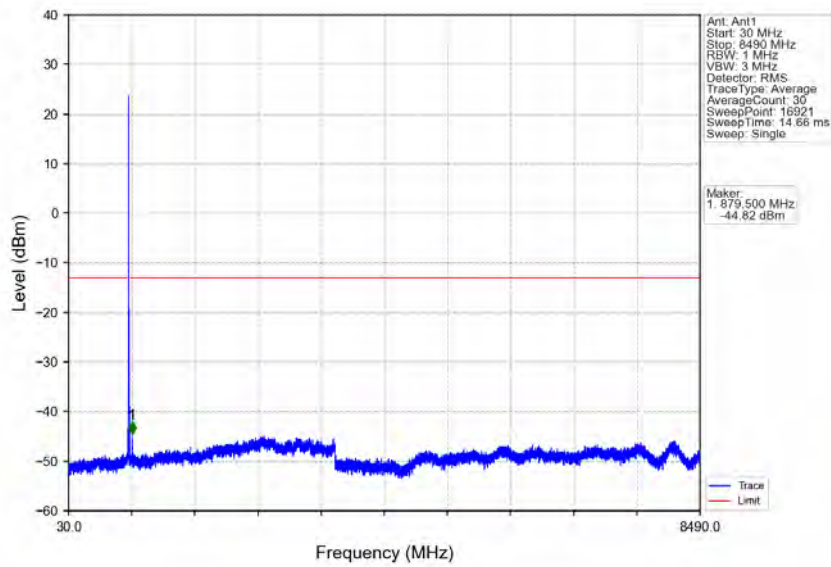


Band5_10MHz_64QAM_LCH_829MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	823	0.1	/	1	822.820	-40.73	-13	Pass
823	824	0.101	/	2	823.920	-32.25	-13	Pass
824	834	0.101	/	/	/	/	/	/

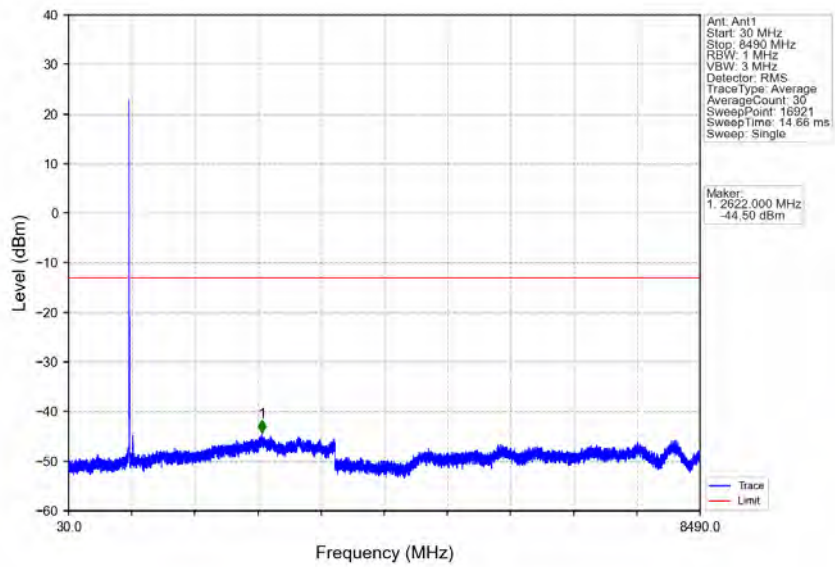
Band5_10MHz_64QAM_MCH_836.5MHz_RB_1_0_NTNV



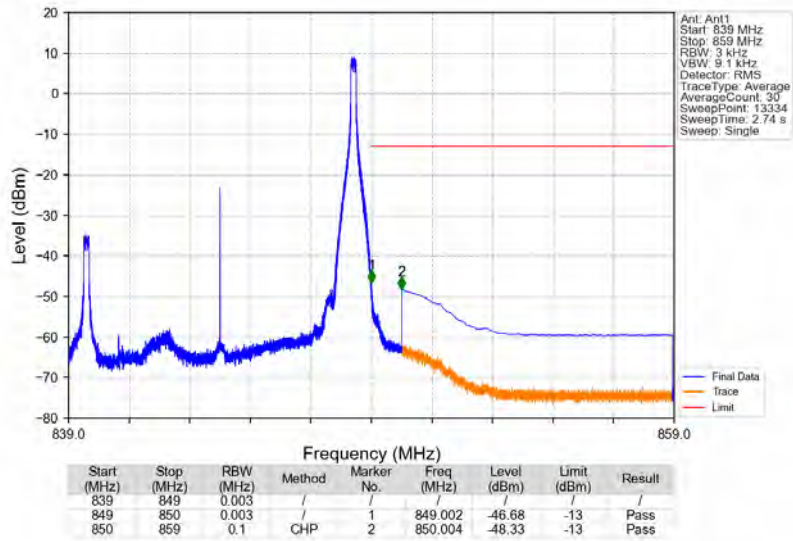
Ant: Ant1
 Start: 30 MHz
 Stop: 8490 MHz
 RBW: 1 MHz
 VBW: 3 MHz
 Detector: RMS
 TraceType: Average
 AverageCount: 30
 SweepPoint: 16921
 SweepTime: 14.66 ms
 Sweep: Single

Marker:
 1: 30.000 MHz
 -44.82 dBm

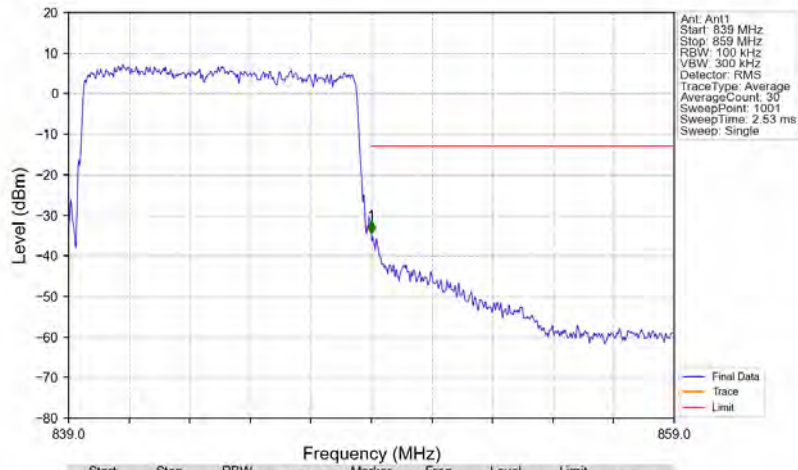
Band5_10MHz_64QAM_HCH_844MHz_RB_1_0_NTNV



Band5_10MHz_64QAM_HCH_844MHz_RB_1_49_NTNV



Band5_10MHz_64QAM_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	859	0.1	/	1	849.000	-34.54	-13	Pass