

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	23.24	-1.40	19.69	<=38.45	Pass
			2	23.02	-1.40	19.47	<=38.45	Pass
			5	23.17	-1.40	19.62	<=38.45	Pass
		3	0	23.18	-1.40	19.63	<=38.45	Pass
			2	23.12	-1.40	19.57	<=38.45	Pass
			3	23.29	-1.40	19.74	<=38.45	Pass
		6	0	22.29	-1.40	18.74	<=38.45	Pass
	836.5	1	0	23.15	-1.40	19.60	<=38.45	Pass
			2	23.01	-1.40	19.46	<=38.45	Pass
			5	23.10	-1.40	19.55	<=38.45	Pass
		3	0	23.03	-1.40	19.48	<=38.45	Pass
			2	23.06	-1.40	19.51	<=38.45	Pass
			3	23.30	-1.40	19.75	<=38.45	Pass
		6	0	22.27	-1.40	18.72	<=38.45	Pass
	848.3	1	0	23.63	-1.40	20.08	<=38.45	Pass
			2	23.58	-1.40	20.03	<=38.45	Pass
			5	23.76	-1.40	20.21	<=38.45	Pass
		3	0	23.59	-1.40	20.04	<=38.45	Pass
			2	23.45	-1.40	19.90	<=38.45	Pass
			3	23.69	-1.40	20.14	<=38.45	Pass
		6	0	22.64	-1.40	19.09	<=38.45	Pass
16QAM	824.7	1	0	22.31	-1.40	18.76	<=38.45	Pass
			2	22.15	-1.40	18.60	<=38.45	Pass
			5	22.33	-1.40	18.78	<=38.45	Pass
		3	0	22.22	-1.40	18.67	<=38.45	Pass
			2	22.18	-1.40	18.63	<=38.45	Pass
			3	22.37	-1.40	18.82	<=38.45	Pass
		6	0	21.38	-1.40	17.83	<=38.45	Pass
	836.5	1	0	22.04	-1.40	18.49	<=38.45	Pass
			2	21.99	-1.40	18.44	<=38.45	Pass
			5	22.12	-1.40	18.57	<=38.45	Pass
		3	0	22.20	-1.40	18.65	<=38.45	Pass
			2	22.23	-1.40	18.68	<=38.45	Pass
			3	22.50	-1.40	18.95	<=38.45	Pass
		6	0	21.33	-1.40	17.78	<=38.45	Pass
	848.3	1	0	22.52	-1.40	18.97	<=38.45	Pass
			2	22.49	-1.40	18.94	<=38.45	Pass
			5	22.70	-1.40	19.15	<=38.45	Pass
		3	0	22.66	-1.40	19.11	<=38.45	Pass
			2	22.54	-1.40	18.99	<=38.45	Pass
			3	22.80	-1.40	19.25	<=38.45	Pass
		6	0	21.64	-1.40	18.09	<=38.45	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.1.2 B5_3MHz_ERP

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	23.38	-1.40	19.83	<=38.45	Pass
			7	23.19	-1.40	19.64	<=38.45	Pass
			14	23.25	-1.40	19.70	<=38.45	Pass
		8	0	22.48	-1.40	18.93	<=38.45	Pass
			4	22.27	-1.40	18.72	<=38.45	Pass
			7	22.55	-1.40	19.00	<=38.45	Pass
		15	0	22.46	-1.40	18.91	<=38.45	Pass
	836.5	1	0	23.42	-1.40	19.87	<=38.45	Pass
			7	23.26	-1.40	19.71	<=38.45	Pass
			14	23.35	-1.40	19.80	<=38.45	Pass
		8	0	22.51	-1.40	18.96	<=38.45	Pass
			4	22.34	-1.40	18.79	<=38.45	Pass
			7	22.48	-1.40	18.93	<=38.45	Pass
		15	0	22.43	-1.40	18.88	<=38.45	Pass
	847.5	1	0	23.68	-1.40	20.13	<=38.45	Pass
			7	23.56	-1.40	20.01	<=38.45	Pass
			14	23.82	-1.40	20.27	<=38.45	Pass
		8	0	22.93	-1.40	19.38	<=38.45	Pass
			4	22.67	-1.40	19.12	<=38.45	Pass
			7	22.78	-1.40	19.23	<=38.45	Pass
		15	0	22.76	-1.40	19.21	<=38.45	Pass
16QAM	825.5	1	0	23.09	-1.40	19.54	<=38.45	Pass
			7	22.83	-1.40	19.28	<=38.45	Pass
			14	22.83	-1.40	19.28	<=38.45	Pass
		8	0	21.73	-1.40	18.18	<=38.45	Pass
			4	21.54	-1.40	17.99	<=38.45	Pass
			7	21.73	-1.40	18.18	<=38.45	Pass
		15	0	21.59	-1.40	18.04	<=38.45	Pass
	836.5	1	0	22.49	-1.40	18.94	<=38.45	Pass
			7	22.32	-1.40	18.77	<=38.45	Pass
			14	22.45	-1.40	18.90	<=38.45	Pass
		8	0	21.53	-1.40	17.98	<=38.45	Pass
			4	21.39	-1.40	17.84	<=38.45	Pass
			7	21.53	-1.40	17.98	<=38.45	Pass
		15	0	21.48	-1.40	17.93	<=38.45	Pass
	847.5	1	0	22.62	-1.40	19.07	<=38.45	Pass
			7	22.56	-1.40	19.01	<=38.45	Pass
			14	22.85	-1.40	19.30	<=38.45	Pass
		8	0	22.05	-1.40	18.50	<=38.45	Pass
			4	21.78	-1.40	18.23	<=38.45	Pass
			7	21.91	-1.40	18.36	<=38.45	Pass
		15	0	21.89	-1.40	18.34	<=38.45	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.1.3 B5_5MHz_ERP

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	23.51	-1.40	19.96	<=38.45	Pass
			13	23.36	-1.40	19.81	<=38.45	Pass
			24	23.64	-1.40	20.09	<=38.45	Pass
		12	0	22.52	-1.40	18.97	<=38.45	Pass
			6	22.56	-1.40	19.01	<=38.45	Pass
			13	22.52	-1.40	18.97	<=38.45	Pass
		25	0	22.51	-1.40	18.96	<=38.45	Pass
	836.5	1	0	23.52	-1.40	19.97	<=38.45	Pass
			13	23.33	-1.40	19.78	<=38.45	Pass
			24	23.25	-1.40	19.70	<=38.45	Pass
		12	0	22.52	-1.40	18.97	<=38.45	Pass
			6	22.62	-1.40	19.07	<=38.45	Pass
			13	22.60	-1.40	19.05	<=38.45	Pass
		25	0	22.60	-1.40	19.05	<=38.45	Pass
	846.5	1	0	23.67	-1.40	20.12	<=38.45	Pass
			13	23.74	-1.40	20.19	<=38.45	Pass
			24	23.92	-1.40	20.37	<=38.45	Pass
		12	0	22.81	-1.40	19.26	<=38.45	Pass
			6	22.82	-1.40	19.27	<=38.45	Pass
			13	22.97	-1.40	19.42	<=38.45	Pass
		25	0	22.73	-1.40	19.18	<=38.45	Pass
16QAM	826.5	1	0	22.47	-1.40	18.92	<=38.45	Pass
			13	22.35	-1.40	18.80	<=38.45	Pass
			24	22.63	-1.40	19.08	<=38.45	Pass
		12	0	21.56	-1.40	18.01	<=38.45	Pass
			6	21.61	-1.40	18.06	<=38.45	Pass
			13	21.59	-1.40	18.04	<=38.45	Pass
		25	0	21.59	-1.40	18.04	<=38.45	Pass
	836.5	1	0	22.82	-1.40	19.27	<=38.45	Pass
			13	22.71	-1.40	19.16	<=38.45	Pass
			24	22.65	-1.40	19.10	<=38.45	Pass
		12	0	21.69	-1.40	18.14	<=38.45	Pass
			6	21.73	-1.40	18.18	<=38.45	Pass
			13	21.72	-1.40	18.17	<=38.45	Pass
		25	0	21.68	-1.40	18.13	<=38.45	Pass
	846.5	1	0	22.76	-1.40	19.21	<=38.45	Pass
			13	22.85	-1.40	19.30	<=38.45	Pass
			24	22.97	-1.40	19.42	<=38.45	Pass
		12	0	21.75	-1.40	18.20	<=38.45	Pass
			6	21.77	-1.40	18.22	<=38.45	Pass
			13	21.96	-1.40	18.41	<=38.45	Pass
		25	0	21.85	-1.40	18.30	<=38.45	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.1.4 B5_10MHz_ERP

Band: 5 / Bandwidth: 10MHz / NTN/V								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	829	1	0	23.55	-1.40	20.00	<=38.45	Pass
			25	23.67	-1.40	20.12	<=38.45	Pass
			49	23.76	-1.40	20.21	<=38.45	Pass
		25	0	22.56	-1.40	19.01	<=38.45	Pass
			13	22.68	-1.40	19.13	<=38.45	Pass

			25	22.96	-1.40	19.41	<=38.45	Pass
		50	0	22.70	-1.40	19.15	<=38.45	Pass
	836.5	1	0	23.98	-1.40	20.43	<=38.45	Pass
			25	23.67	-1.40	20.12	<=38.45	Pass
			49	23.76	-1.40	20.21	<=38.45	Pass
			0	22.93	-1.40	19.38	<=38.45	Pass
		25	13	22.80	-1.40	19.25	<=38.45	Pass
			25	22.86	-1.40	19.31	<=38.45	Pass
			0	22.70	-1.40	19.15	<=38.45	Pass
	844	1	0	23.56	-1.40	20.01	<=38.45	Pass
			25	23.67	-1.40	20.12	<=38.45	Pass
			49	23.91	-1.40	20.36	<=38.45	Pass
		25	0	22.72	-1.40	19.17	<=38.45	Pass
			13	22.87	-1.40	19.32	<=38.45	Pass
			25	23.07	-1.40	19.52	<=38.45	Pass
			0	22.80	-1.40	19.25	<=38.45	Pass
			0	23.01	-1.40	19.46	<=38.45	Pass
			25	23.15	-1.40	19.60	<=38.45	Pass
16QAM	829	1	49	23.23	-1.40	19.68	<=38.45	Pass
			0	22.57	-1.40	19.02	<=38.45	Pass
			19	22.82	-1.40	19.27	<=38.45	Pass
		12	38	22.93	-1.40	19.38	<=38.45	Pass
			0	21.59	-1.40	18.04	<=38.45	Pass
			0	22.92	-1.40	19.37	<=38.45	Pass
	836.5	1	25	22.61	-1.40	19.06	<=38.45	Pass
			49	22.78	-1.40	19.23	<=38.45	Pass
			0	22.98	-1.40	19.43	<=38.45	Pass
		12	19	22.65	-1.40	19.10	<=38.45	Pass
			38	22.75	-1.40	19.20	<=38.45	Pass
			0	21.97	-1.40	18.42	<=38.45	Pass
	844	1	0	23.15	-1.40	19.60	<=38.45	Pass
			25	23.21	-1.40	19.66	<=38.45	Pass
			49	23.37	-1.40	19.82	<=38.45	Pass
		12	0	22.87	-1.40	19.32	<=38.45	Pass
			19	22.77	-1.40	19.22	<=38.45	Pass
			38	22.99	-1.40	19.44	<=38.45	Pass
			23	22.01	-1.40	18.46	<=38.45	Pass
			23	22.01	-1.40	18.46	<=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	3.145	0.901	0.0011	-2.5 to 2.5	Pass
					3.7	4.735	0.0057	-2.5 to 2.5	Pass
					4.255	6.065	0.0074	-2.5 to 2.5	Pass
				-30	3.7	6.008	0.0073	-2.5 to 2.5	Pass
					3.7	4.320	0.0052	-2.5 to 2.5	Pass
					3.7	4.320	0.0052	-2.5 to 2.5	Pass

				-10	3.7	4.821	0.0058	-2.5 to 2.5	Pass
				0	3.7	4.663	0.0057	-2.5 to 2.5	Pass
				10	3.7	5.050	0.0061	-2.5 to 2.5	Pass
				30	3.7	4.492	0.0054	-2.5 to 2.5	Pass
				40	3.7	4.435	0.0054	-2.5 to 2.5	Pass
				50	3.7	5.107	0.0062	-2.5 to 2.5	Pass
	836.5	6	0	20	3.145	-13.204	-0.0158	-2.5 to 2.5	Pass
					3.7	-14.548	-0.0174	-2.5 to 2.5	Pass
					4.255	-14.062	-0.0168	-2.5 to 2.5	Pass
				-30	3.7	-9.255	-0.0111	-2.5 to 2.5	Pass
				-20	3.7	-8.669	-0.0104	-2.5 to 2.5	Pass
				-10	3.7	-7.925	-0.0095	-2.5 to 2.5	Pass
				0	3.7	-8.297	-0.0099	-2.5 to 2.5	Pass
				10	3.7	-8.554	-0.0102	-2.5 to 2.5	Pass
				30	3.7	-8.097	-0.0097	-2.5 to 2.5	Pass
				40	3.7	-7.954	-0.0095	-2.5 to 2.5	Pass
				50	3.7	-7.811	-0.0093	-2.5 to 2.5	Pass
	848.3	6	0	20	3.145	-5.350	-0.0063	-2.5 to 2.5	Pass
					3.7	-6.695	-0.0079	-2.5 to 2.5	Pass
					4.255	-6.995	-0.0082	-2.5 to 2.5	Pass
				-30	3.7	-7.081	-0.0083	-2.5 to 2.5	Pass
				-20	3.7	-6.495	-0.0077	-2.5 to 2.5	Pass
				-10	3.7	-5.264	-0.0062	-2.5 to 2.5	Pass
				0	3.7	-6.881	-0.0081	-2.5 to 2.5	Pass
				10	3.7	-5.679	-0.0067	-2.5 to 2.5	Pass
				30	3.7	-5.722	-0.0067	-2.5 to 2.5	Pass
				40	3.7	-4.950	-0.0058	-2.5 to 2.5	Pass
				50	3.7	-3.934	-0.0046	-2.5 to 2.5	Pass
16QAM	824.7	6	0	20	3.145	5.794	0.0070	-2.5 to 2.5	Pass
					3.7	5.865	0.0071	-2.5 to 2.5	Pass
					4.255	4.249	0.0052	-2.5 to 2.5	Pass
				-30	3.7	5.035	0.0061	-2.5 to 2.5	Pass
				-20	3.7	4.163	0.0050	-2.5 to 2.5	Pass
				-10	3.7	4.649	0.0056	-2.5 to 2.5	Pass
				0	3.7	3.848	0.0047	-2.5 to 2.5	Pass
				10	3.7	4.907	0.0060	-2.5 to 2.5	Pass
				30	3.7	5.150	0.0062	-2.5 to 2.5	Pass
				40	3.7	5.322	0.0065	-2.5 to 2.5	Pass
				50	3.7	4.721	0.0057	-2.5 to 2.5	Pass
	836.5	6	0	20	3.145	-7.625	-0.0091	-2.5 to 2.5	Pass
					3.7	-7.596	-0.0091	-2.5 to 2.5	Pass
					4.255	-8.082	-0.0097	-2.5 to 2.5	Pass
				-30	3.7	-7.524	-0.0090	-2.5 to 2.5	Pass
				-20	3.7	-6.251	-0.0075	-2.5 to 2.5	Pass
				-10	3.7	-6.938	-0.0083	-2.5 to 2.5	Pass
				0	3.7	-7.582	-0.0091	-2.5 to 2.5	Pass
				10	3.7	-7.567	-0.0090	-2.5 to 2.5	Pass
				30	3.7	-7.353	-0.0088	-2.5 to 2.5	Pass
				40	3.7	-6.766	-0.0081	-2.5 to 2.5	Pass
				50	3.7	-6.609	-0.0079	-2.5 to 2.5	Pass
	848.3	6	0	20	3.145	-2.117	-0.0025	-2.5 to 2.5	Pass
					3.7	-2.217	-0.0026	-2.5 to 2.5	Pass
					4.255	-0.887	-0.0010	-2.5 to 2.5	Pass
				-30	3.7	-1.917	-0.0023	-2.5 to 2.5	Pass
				-20	3.7	-1.044	-0.0012	-2.5 to 2.5	Pass
				-10	3.7	-0.429	-0.0005	-2.5 to 2.5	Pass

				0	3.7	0.272	0.0003	-2.5 to 2.5	Pass
				10	3.7	1.187	0.0014	-2.5 to 2.5	Pass
				30	3.7	3.276	0.0039	-2.5 to 2.5	Pass
				40	3.7	4.077	0.0048	-2.5 to 2.5	Pass
				50	3.7	4.506	0.0053	-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	3.145	-5.379	-0.0065	-2.5 to 2.5	Pass
					3.7	1.559	0.0019	-2.5 to 2.5	Pass
					4.255	5.021	0.0061	-2.5 to 2.5	Pass
				-30	3.7	4.735	0.0057	-2.5 to 2.5	Pass
				-20	3.7	5.279	0.0064	-2.5 to 2.5	Pass
				-10	3.7	5.164	0.0063	-2.5 to 2.5	Pass
				0	3.7	4.492	0.0054	-2.5 to 2.5	Pass
				10	3.7	5.064	0.0061	-2.5 to 2.5	Pass
				30	3.7	4.578	0.0055	-2.5 to 2.5	Pass
				40	3.7	4.649	0.0056	-2.5 to 2.5	Pass
				50	3.7	5.279	0.0064	-2.5 to 2.5	Pass
	836.5	15	0	20	3.145	-9.770	-0.0117	-2.5 to 2.5	Pass
					3.7	-14.262	-0.0170	-2.5 to 2.5	Pass
					4.255	-13.833	-0.0165	-2.5 to 2.5	Pass
				-30	3.7	-9.727	-0.0116	-2.5 to 2.5	Pass
				-20	3.7	-8.283	-0.0099	-2.5 to 2.5	Pass
				-10	3.7	-7.682	-0.0092	-2.5 to 2.5	Pass
				0	3.7	-7.753	-0.0093	-2.5 to 2.5	Pass
				10	3.7	-7.811	-0.0093	-2.5 to 2.5	Pass
				30	3.7	-7.467	-0.0089	-2.5 to 2.5	Pass
				40	3.7	-6.924	-0.0083	-2.5 to 2.5	Pass
				50	3.7	-7.339	-0.0088	-2.5 to 2.5	Pass
	847.5	15	0	20	3.145	-7.024	-0.0083	-2.5 to 2.5	Pass
					3.7	-7.038	-0.0083	-2.5 to 2.5	Pass
					4.255	-6.895	-0.0081	-2.5 to 2.5	Pass
				-30	3.7	-7.253	-0.0086	-2.5 to 2.5	Pass
				-20	3.7	-6.623	-0.0078	-2.5 to 2.5	Pass
				-10	3.7	-6.967	-0.0082	-2.5 to 2.5	Pass
				0	3.7	-6.709	-0.0079	-2.5 to 2.5	Pass
				10	3.7	-6.824	-0.0081	-2.5 to 2.5	Pass
				30	3.7	-6.580	-0.0078	-2.5 to 2.5	Pass
				40	3.7	-6.223	-0.0073	-2.5 to 2.5	Pass
				50	3.7	-6.294	-0.0074	-2.5 to 2.5	Pass
16QAM	825.5	15	0	20	3.145	4.964	0.0060	-2.5 to 2.5	Pass
					3.7	4.392	0.0053	-2.5 to 2.5	Pass
					4.255	4.177	0.0051	-2.5 to 2.5	Pass
				-30	3.7	3.934	0.0048	-2.5 to 2.5	Pass
				-20	3.7	3.991	0.0048	-2.5 to 2.5	Pass
				-10	3.7	4.749	0.0058	-2.5 to 2.5	Pass
				0	3.7	4.649	0.0056	-2.5 to 2.5	Pass
				10	3.7	4.835	0.0059	-2.5 to 2.5	Pass
				30	3.7	4.692	0.0057	-2.5 to 2.5	Pass
				40	3.7	5.393	0.0065	-2.5 to 2.5	Pass

	836.5	15	0	50	3.7	4.735	0.0057	-2.5 to 2.5	Pass
				20	3.145	-7.339	-0.0088	-2.5 to 2.5	Pass
					3.7	-7.610	-0.0091	-2.5 to 2.5	Pass
					4.255	-6.466	-0.0077	-2.5 to 2.5	Pass
				-30	3.7	-6.723	-0.0080	-2.5 to 2.5	Pass
				-20	3.7	-7.296	-0.0087	-2.5 to 2.5	Pass
				-10	3.7	-6.337	-0.0076	-2.5 to 2.5	Pass
				0	3.7	-6.552	-0.0078	-2.5 to 2.5	Pass
				10	3.7	-6.194	-0.0074	-2.5 to 2.5	Pass
				30	3.7	-6.752	-0.0081	-2.5 to 2.5	Pass
	847.5	15	0	40	3.7	-6.795	-0.0081	-2.5 to 2.5	Pass
				50	3.7	-5.836	-0.0070	-2.5 to 2.5	Pass
				20	3.145	-5.822	-0.0069	-2.5 to 2.5	Pass
					3.7	-6.080	-0.0072	-2.5 to 2.5	Pass
					4.255	-6.337	-0.0075	-2.5 to 2.5	Pass
				-30	3.7	-6.251	-0.0074	-2.5 to 2.5	Pass
				-20	3.7	-5.608	-0.0066	-2.5 to 2.5	Pass
				-10	3.7	-5.350	-0.0063	-2.5 to 2.5	Pass
				0	3.7	-5.121	-0.0060	-2.5 to 2.5	Pass
				10	3.7	-4.849	-0.0057	-2.5 to 2.5	Pass
				30	3.7	-4.535	-0.0054	-2.5 to 2.5	Pass
				40	3.7	-4.077	-0.0048	-2.5 to 2.5	Pass
				50	3.7	-2.675	-0.0032	-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	3.145	-1.731	-0.0021	-2.5 to 2.5	Pass
					3.7	-1.445	-0.0017	-2.5 to 2.5	Pass
					4.255	-5.293	-0.0064	-2.5 to 2.5	Pass
				-30	3.7	-4.063	-0.0049	-2.5 to 2.5	Pass
				-20	3.7	0.944	0.0011	-2.5 to 2.5	Pass
				-10	3.7	5.007	0.0061	-2.5 to 2.5	Pass
				0	3.7	5.679	0.0069	-2.5 to 2.5	Pass
				10	3.7	3.591	0.0043	-2.5 to 2.5	Pass
				30	3.7	5.350	0.0065	-2.5 to 2.5	Pass
				40	3.7	4.663	0.0056	-2.5 to 2.5	Pass
	836.5	25	0	50	3.7	4.621	0.0056	-2.5 to 2.5	Pass
				20	3.145	1.202	0.0014	-2.5 to 2.5	Pass
					3.7	4.549	0.0054	-2.5 to 2.5	Pass
					4.255	5.164	0.0062	-2.5 to 2.5	Pass
				-30	3.7	4.935	0.0059	-2.5 to 2.5	Pass
				-20	3.7	5.236	0.0063	-2.5 to 2.5	Pass
				-10	3.7	5.465	0.0065	-2.5 to 2.5	Pass
				0	3.7	4.907	0.0059	-2.5 to 2.5	Pass
				10	3.7	5.221	0.0062	-2.5 to 2.5	Pass
				30	3.7	5.593	0.0067	-2.5 to 2.5	Pass
	846.5	25	0	40	3.7	4.849	0.0058	-2.5 to 2.5	Pass
				50	3.7	5.264	0.0063	-2.5 to 2.5	Pass
				20	3.145	-3.977	-0.0047	-2.5 to 2.5	Pass
					3.7	-5.693	-0.0067	-2.5 to 2.5	Pass
					4.255	-5.665	-0.0067	-2.5 to 2.5	Pass

16QAM	826.5	25	0	-30	3.7	-6.609	-0.0078	-2.5 to 2.5	Pass
				-20	3.7	-5.593	-0.0066	-2.5 to 2.5	Pass
				-10	3.7	-5.722	-0.0068	-2.5 to 2.5	Pass
				0	3.7	-6.695	-0.0079	-2.5 to 2.5	Pass
				10	3.7	-6.051	-0.0071	-2.5 to 2.5	Pass
				30	3.7	-6.480	-0.0077	-2.5 to 2.5	Pass
				40	3.7	-6.709	-0.0079	-2.5 to 2.5	Pass
	836.5	25	0	50	3.7	-5.178	-0.0061	-2.5 to 2.5	Pass
				20	3.145	3.762	0.0046	-2.5 to 2.5	Pass
					3.7	3.505	0.0042	-2.5 to 2.5	Pass
					4.255	4.535	0.0055	-2.5 to 2.5	Pass
				-30	3.7	4.492	0.0054	-2.5 to 2.5	Pass
				-20	3.7	3.920	0.0047	-2.5 to 2.5	Pass
				-10	3.7	4.148	0.0050	-2.5 to 2.5	Pass
				0	3.7	4.449	0.0054	-2.5 to 2.5	Pass
				10	3.7	3.905	0.0047	-2.5 to 2.5	Pass
				30	3.7	4.020	0.0049	-2.5 to 2.5	Pass
				40	3.7	4.063	0.0049	-2.5 to 2.5	Pass
				50	3.7	4.106	0.0050	-2.5 to 2.5	Pass
				20	3.145	5.007	0.0060	-2.5 to 2.5	Pass
					3.7	4.506	0.0054	-2.5 to 2.5	Pass
					4.255	0.372	0.0004	-2.5 to 2.5	Pass
				-30	3.7	-2.189	-0.0026	-2.5 to 2.5	Pass
				-20	3.7	-1.373	-0.0016	-2.5 to 2.5	Pass
				-10	3.7	0.257	0.0003	-2.5 to 2.5	Pass
				0	3.7	1.745	0.0021	-2.5 to 2.5	Pass
				10	3.7	4.692	0.0056	-2.5 to 2.5	Pass
				30	3.7	4.964	0.0059	-2.5 to 2.5	Pass
				40	3.7	5.035	0.0060	-2.5 to 2.5	Pass
				50	3.7	4.807	0.0057	-2.5 to 2.5	Pass
	846.5	25	0	20	3.145	-5.851	-0.0069	-2.5 to 2.5	Pass
					3.7	-6.680	-0.0079	-2.5 to 2.5	Pass
					4.255	-6.895	-0.0081	-2.5 to 2.5	Pass
				-30	3.7	-5.822	-0.0069	-2.5 to 2.5	Pass
				-20	3.7	-6.495	-0.0077	-2.5 to 2.5	Pass
				-10	3.7	-6.452	-0.0076	-2.5 to 2.5	Pass
				0	3.7	-6.008	-0.0071	-2.5 to 2.5	Pass
				10	3.7	-6.080	-0.0072	-2.5 to 2.5	Pass
				30	3.7	-6.337	-0.0075	-2.5 to 2.5	Pass
				40	3.7	-6.108	-0.0072	-2.5 to 2.5	Pass
				50	3.7	-5.708	-0.0067	-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	3.145	-6.680	-0.0081	-2.5 to 2.5	Pass
					3.7	-1.731	-0.0021	-2.5 to 2.5	Pass
					4.255	5.708	0.0069	-2.5 to 2.5	Pass
				-30	3.7	5.450	0.0066	-2.5 to 2.5	Pass
				-20	3.7	5.336	0.0064	-2.5 to 2.5	Pass
				-10	3.7	5.536	0.0067	-2.5 to 2.5	Pass
				0	3.7	5.293	0.0064	-2.5 to 2.5	Pass

				10	3.7	5.593	0.0067	-2.5 to 2.5	Pass
				30	3.7	5.336	0.0064	-2.5 to 2.5	Pass
				40	3.7	5.836	0.0070	-2.5 to 2.5	Pass
				50	3.7	4.892	0.0059	-2.5 to 2.5	Pass
	836.5	50	0	20	3.145	-5.765	-0.0069	-2.5 to 2.5	Pass
					3.7	4.578	0.0055	-2.5 to 2.5	Pass
					4.255	4.921	0.0059	-2.5 to 2.5	Pass
				-30	3.7	4.878	0.0058	-2.5 to 2.5	Pass
				-20	3.7	5.293	0.0063	-2.5 to 2.5	Pass
				-10	3.7	4.649	0.0056	-2.5 to 2.5	Pass
				0	3.7	5.364	0.0064	-2.5 to 2.5	Pass
				10	3.7	4.678	0.0056	-2.5 to 2.5	Pass
				30	3.7	5.064	0.0061	-2.5 to 2.5	Pass
				40	3.7	5.150	0.0062	-2.5 to 2.5	Pass
				50	3.7	4.950	0.0059	-2.5 to 2.5	Pass
	844	50	0	20	3.145	-6.666	-0.0079	-2.5 to 2.5	Pass
					3.7	-6.595	-0.0078	-2.5 to 2.5	Pass
					4.255	-6.838	-0.0081	-2.5 to 2.5	Pass
				-30	3.7	-6.895	-0.0082	-2.5 to 2.5	Pass
				-20	3.7	-6.623	-0.0078	-2.5 to 2.5	Pass
				-10	3.7	-6.237	-0.0074	-2.5 to 2.5	Pass
				0	3.7	-6.480	-0.0077	-2.5 to 2.5	Pass
				10	3.7	-6.051	-0.0072	-2.5 to 2.5	Pass
				30	3.7	-6.409	-0.0076	-2.5 to 2.5	Pass
				40	3.7	-6.495	-0.0077	-2.5 to 2.5	Pass
				50	3.7	-6.623	-0.0078	-2.5 to 2.5	Pass
16QAM	829	27	0	20	3.145	5.164	0.0062	-2.5 to 2.5	Pass
					3.7	-0.086	-0.0001	-2.5 to 2.5	Pass
					4.255	-6.309	-0.0076	-2.5 to 2.5	Pass
				-30	3.7	-6.709	-0.0081	-2.5 to 2.5	Pass
				-20	3.7	-6.208	-0.0075	-2.5 to 2.5	Pass
				-10	3.7	-6.094	-0.0074	-2.5 to 2.5	Pass
				0	3.7	-5.608	-0.0068	-2.5 to 2.5	Pass
				10	3.7	-5.965	-0.0072	-2.5 to 2.5	Pass
				30	3.7	-6.781	-0.0082	-2.5 to 2.5	Pass
				40	3.7	-5.708	-0.0069	-2.5 to 2.5	Pass
				50	3.7	-6.366	-0.0077	-2.5 to 2.5	Pass
	836.5	27	0	20	3.145	4.792	0.0057	-2.5 to 2.5	Pass
					3.7	-4.220	-0.0050	-2.5 to 2.5	Pass
					4.255	-6.781	-0.0081	-2.5 to 2.5	Pass
				-30	3.7	-5.937	-0.0071	-2.5 to 2.5	Pass
				-20	3.7	-7.253	-0.0087	-2.5 to 2.5	Pass
				-10	3.7	-6.495	-0.0078	-2.5 to 2.5	Pass
				0	3.7	-6.680	-0.0080	-2.5 to 2.5	Pass
				10	3.7	-6.552	-0.0078	-2.5 to 2.5	Pass
				30	3.7	-5.879	-0.0070	-2.5 to 2.5	Pass
				40	3.7	-6.423	-0.0077	-2.5 to 2.5	Pass
				50	3.7	-5.693	-0.0068	-2.5 to 2.5	Pass
	844	27	23	20	3.145	-5.708	-0.0068	-2.5 to 2.5	Pass
					3.7	-7.153	-0.0085	-2.5 to 2.5	Pass
					4.255	-6.995	-0.0083	-2.5 to 2.5	Pass
				-30	3.7	-6.866	-0.0081	-2.5 to 2.5	Pass
				-20	3.7	-6.237	-0.0074	-2.5 to 2.5	Pass
				-10	3.7	-6.738	-0.0080	-2.5 to 2.5	Pass
				0	3.7	-6.838	-0.0081	-2.5 to 2.5	Pass
				10	3.7	-7.210	-0.0085	-2.5 to 2.5	Pass



				30	3.7	-6.809	-0.0081	-2.5 to 2.5	Pass
				40	3.7	-5.980	-0.0071	-2.5 to 2.5	Pass
				50	3.7	-6.895	-0.0082	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band5_OBW

Band: 5 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	824.7	6	0	1.132	/	Pass
		836.5	6	0	1.125	/	Pass
		848.3	6	0	1.128	/	Pass
	16QAM	824.7	6	0	1.138	/	Pass
		836.5	6	0	1.144	/	Pass
		848.3	6	0	1.119	/	Pass
3	QPSK	825.5	15	0	2.757	/	Pass
		836.5	15	0	2.754	/	Pass
		847.5	15	0	2.760	/	Pass
	16QAM	825.5	15	0	2.755	/	Pass
		836.5	15	0	2.747	/	Pass
		847.5	15	0	2.738	/	Pass
5	QPSK	826.5	25	0	4.544	/	Pass
		836.5	25	0	4.543	/	Pass
		846.5	25	0	4.565	/	Pass
	16QAM	826.5	25	0	4.548	/	Pass
		836.5	25	0	4.567	/	Pass
		846.5	25	0	4.518	/	Pass
10	QPSK	829	50	0	9.066	/	Pass
		836.5	50	0	9.053	/	Pass
		844	50	0	9.018	/	Pass
	16QAM	829	27	0	5.625	/	Pass
		836.5	27	0	5.335	/	Pass
		844	27	23	5.706	/	Pass

3.1.2 Band5_XDB

Band: 5 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	824.7	6	0	1.546	/	Pass
		836.5	6	0	1.533	/	Pass
		848.3	6	0	1.509	/	Pass
	16QAM	824.7	6	0	1.562	/	Pass
		836.5	6	0	1.559	/	Pass
		848.3	6	0	1.513	/	Pass
3	QPSK	825.5	15	0	3.307	/	Pass
		836.5	15	0	3.242	/	Pass



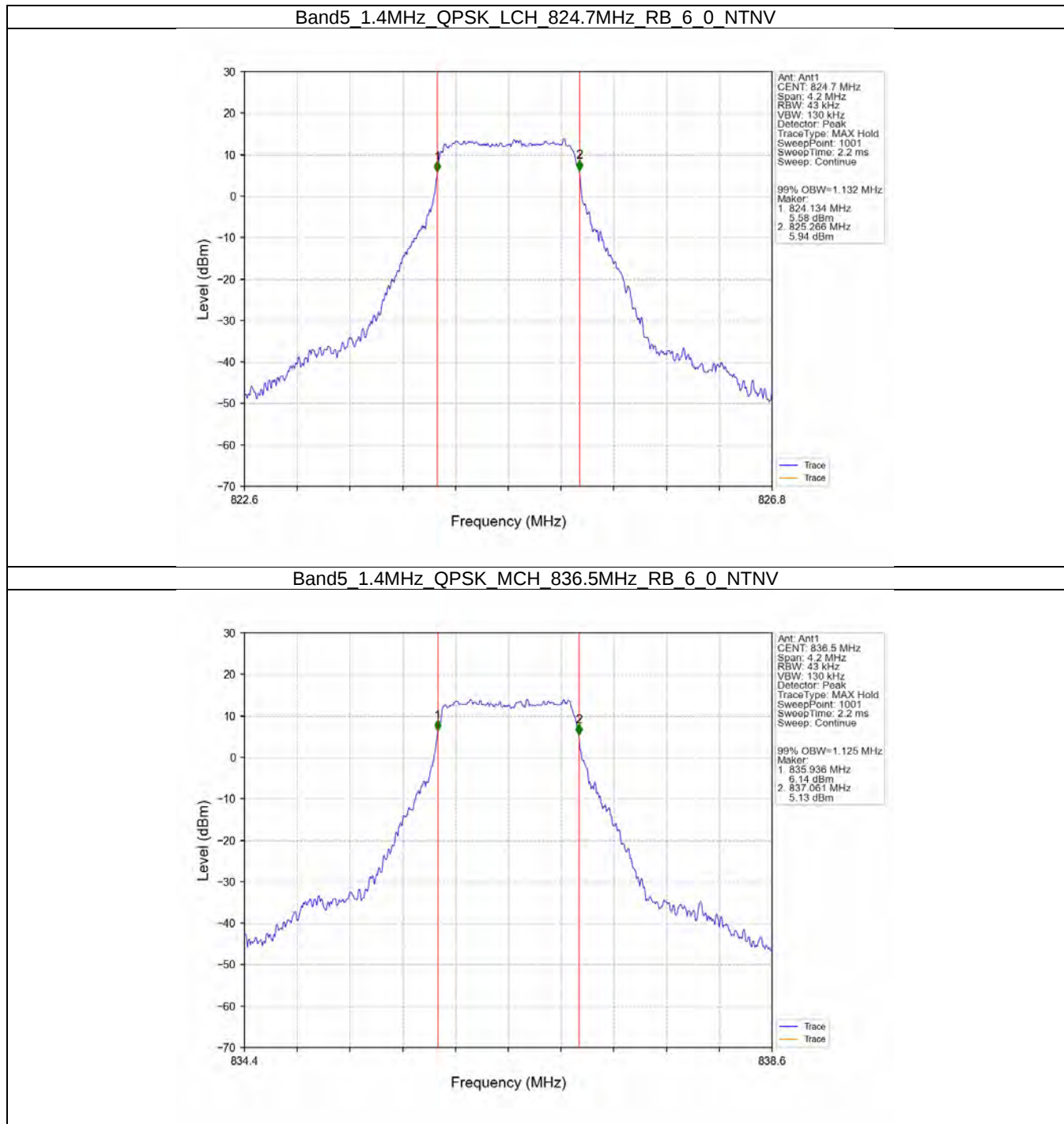
Compliance Certification Services (Kunshan) Inc.

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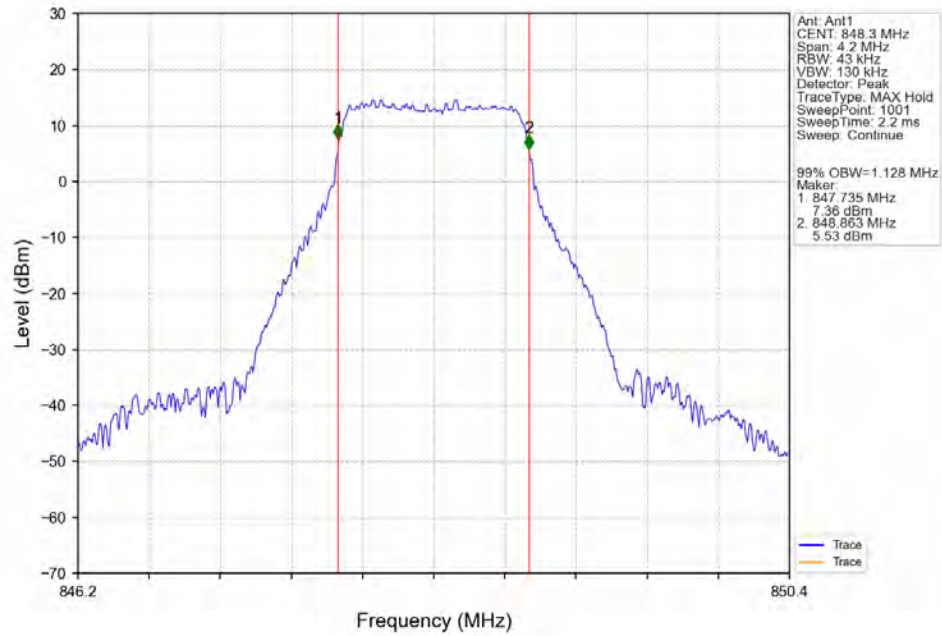
	16QAM	847.5	15	0	3.289	/	Pass
		825.5	15	0	3.239	/	Pass
		836.5	15	0	3.247	/	Pass
		847.5	15	0	3.305	/	Pass
5	QPSK	826.5	25	0	5.193	/	Pass
		836.5	25	0	5.181	/	Pass
		846.5	25	0	5.144	/	Pass
	16QAM	826.5	25	0	5.231	/	Pass
		836.5	25	0	5.219	/	Pass
		846.5	25	0	5.187	/	Pass
10	QPSK	829	50	0	10.017	/	Pass
		836.5	50	0	9.975	/	Pass
		844	50	0	9.986	/	Pass
	16QAM	829	27	0	8.702	/	Pass
		836.5	27	0	8.218	/	Pass
		844	27	23	9.667	/	Pass

3.2 Test Graph

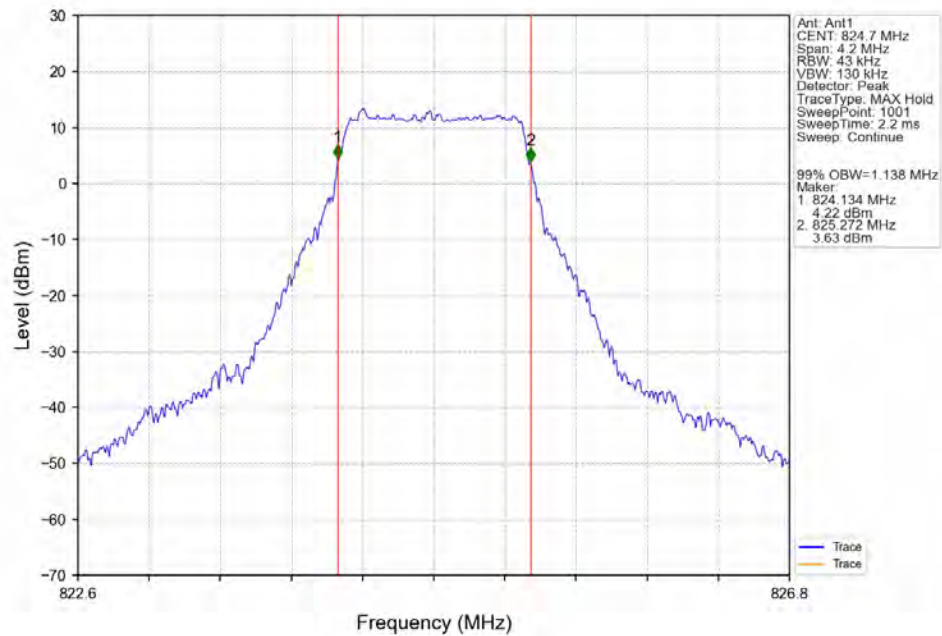
3.2.1 Band5_OBW



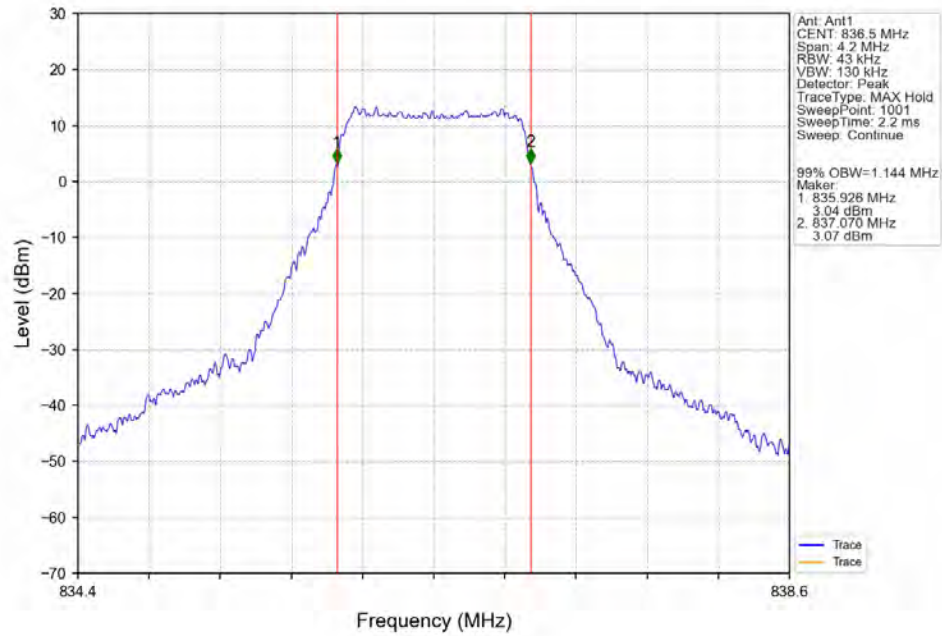
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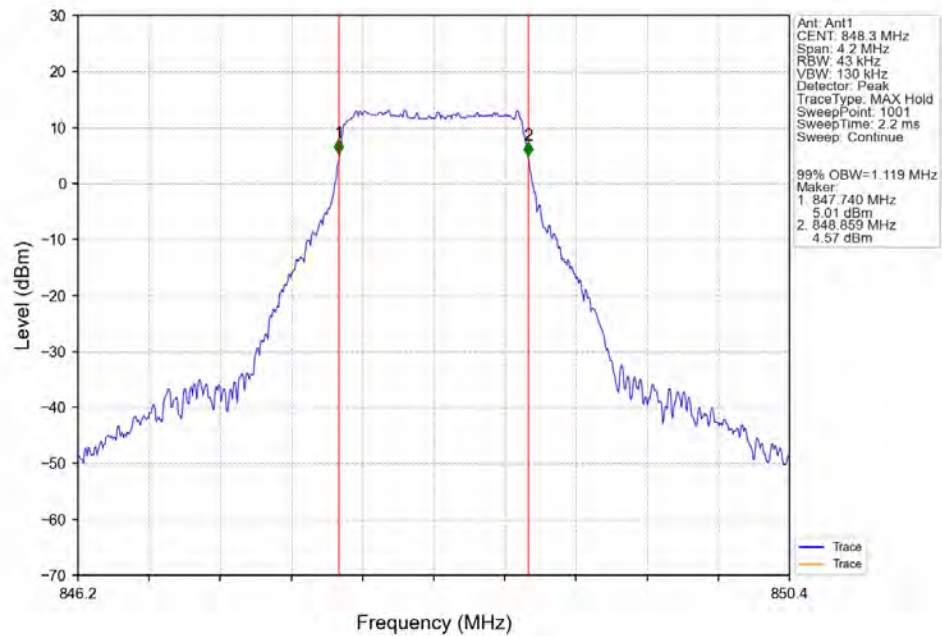
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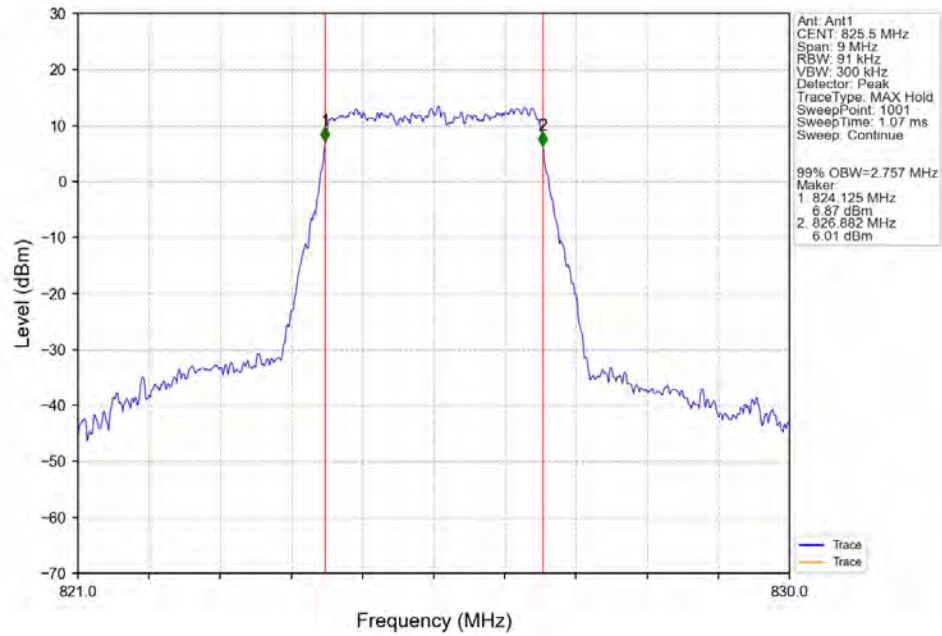
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



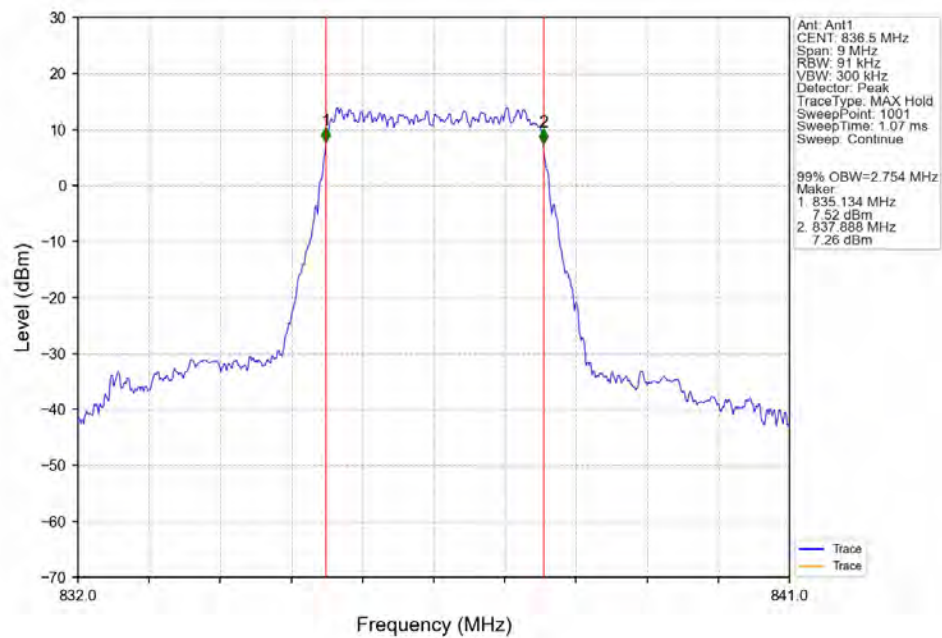
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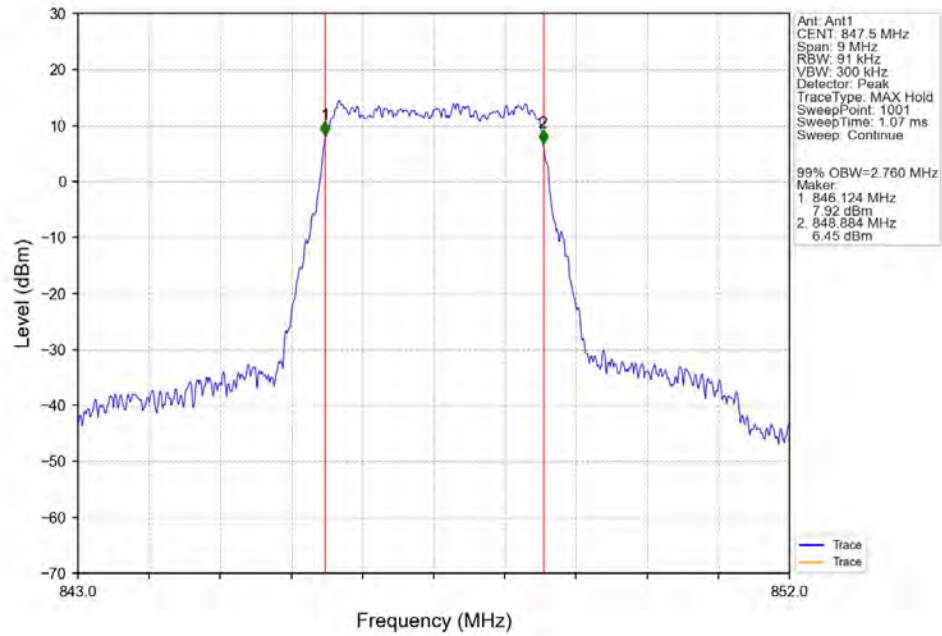
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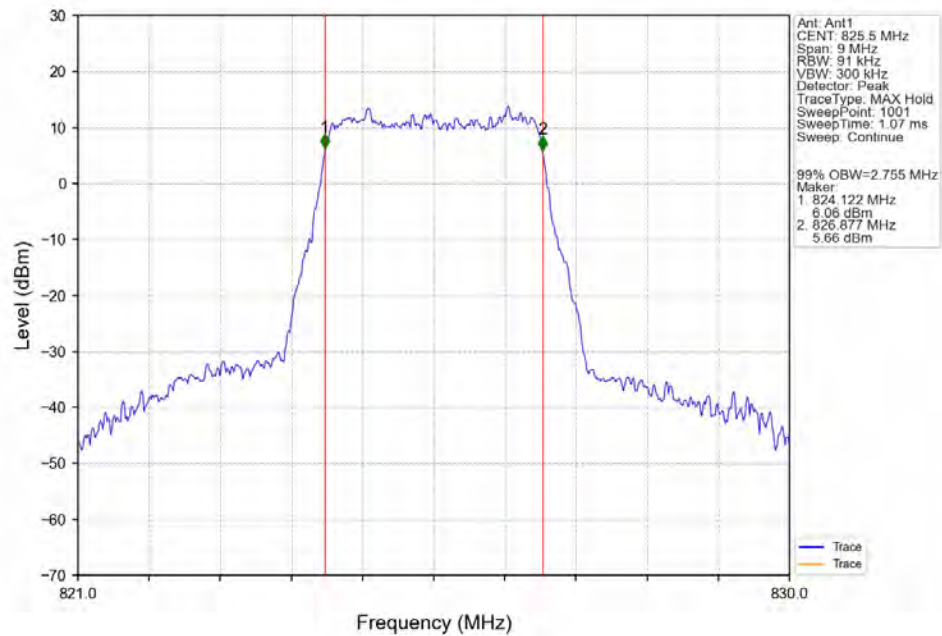
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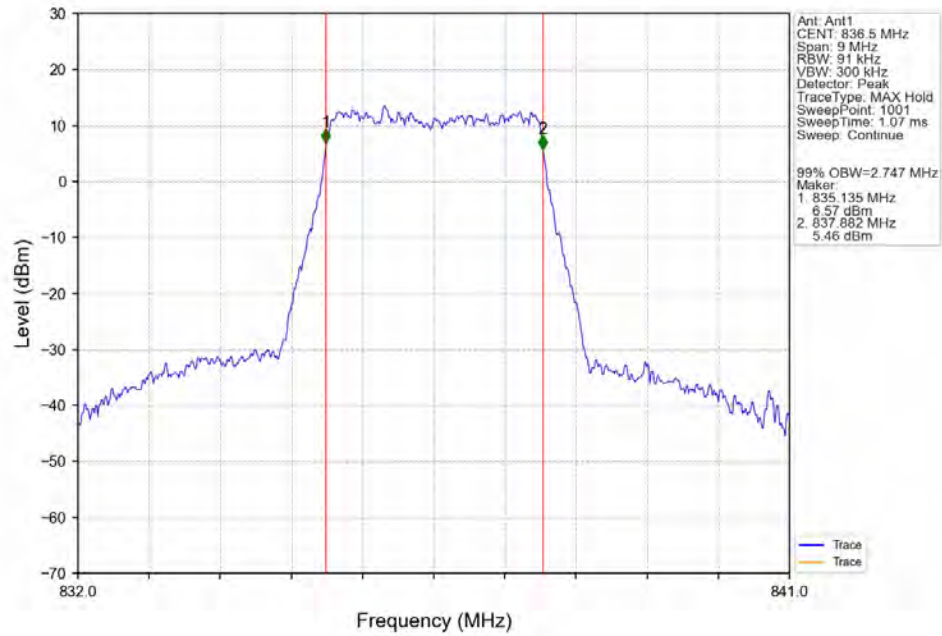
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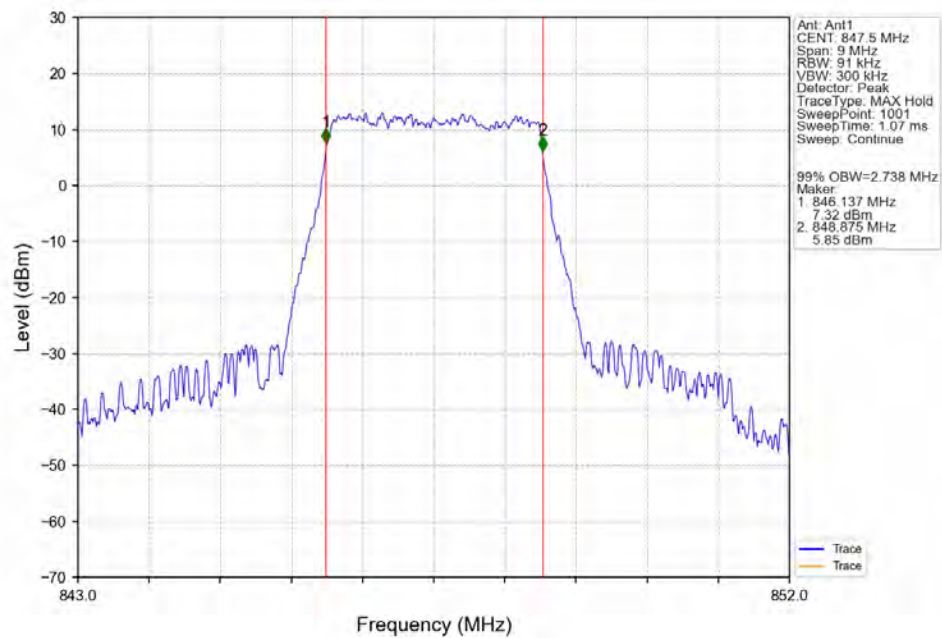
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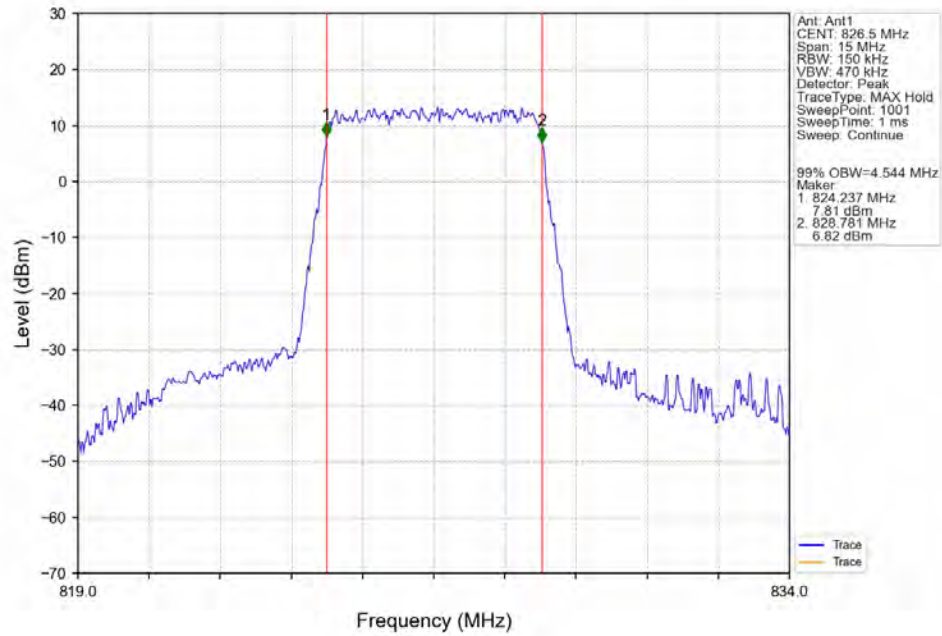
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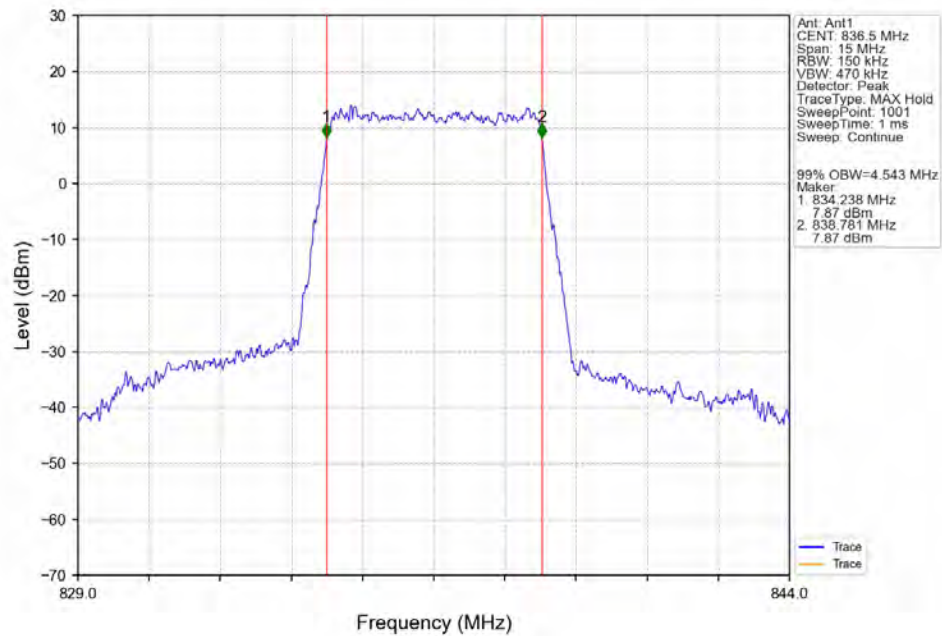
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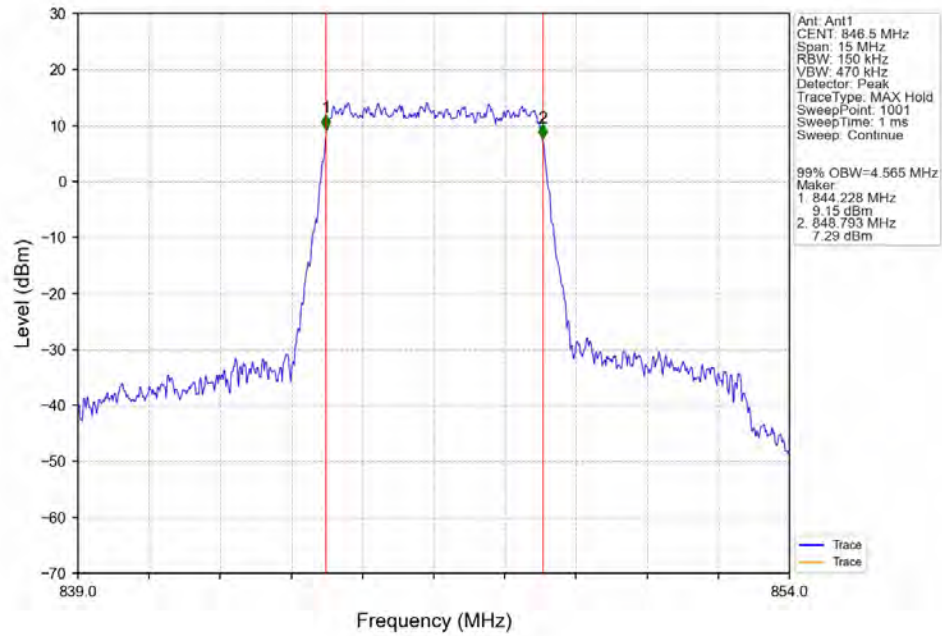
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



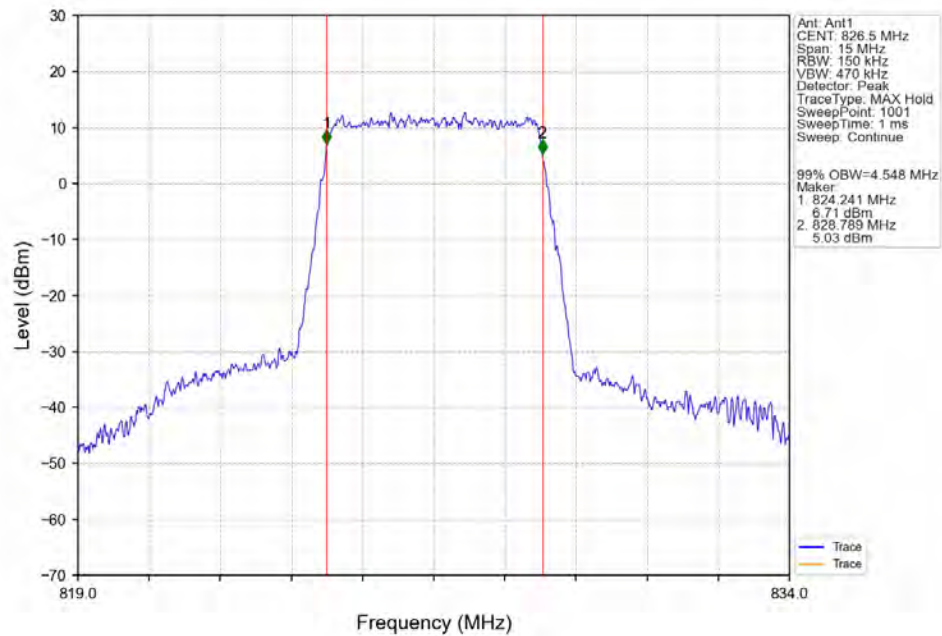
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



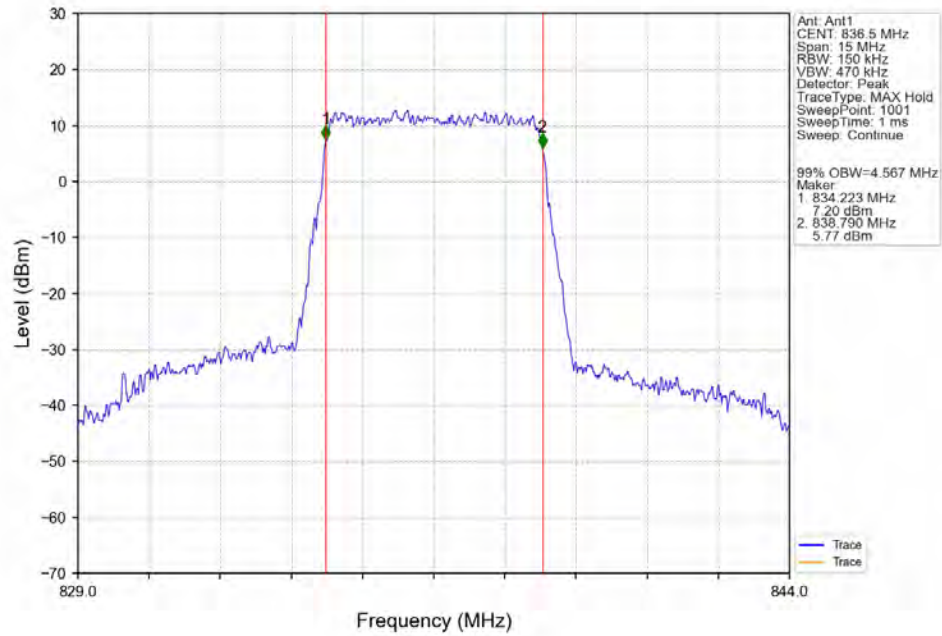
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



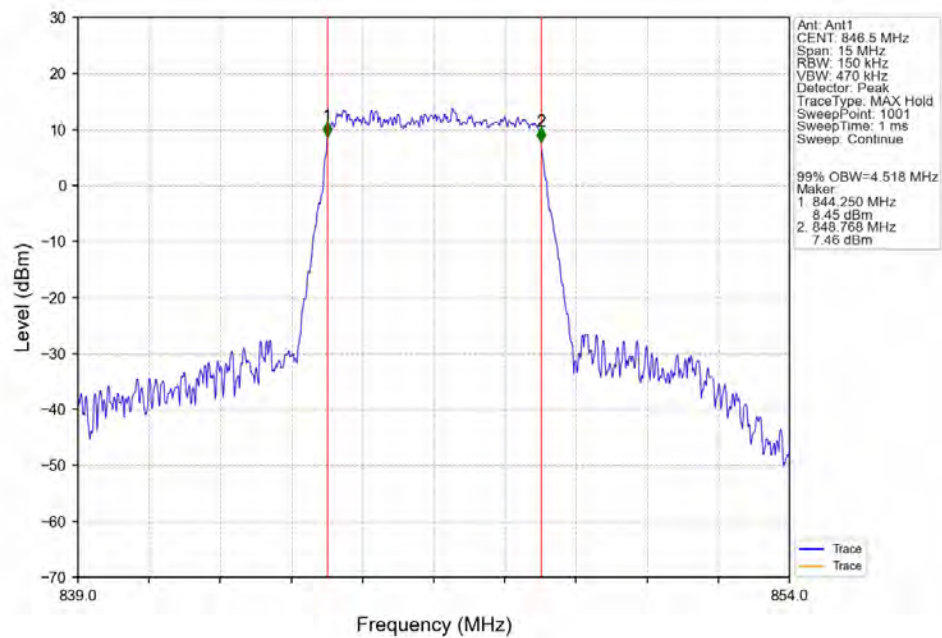
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



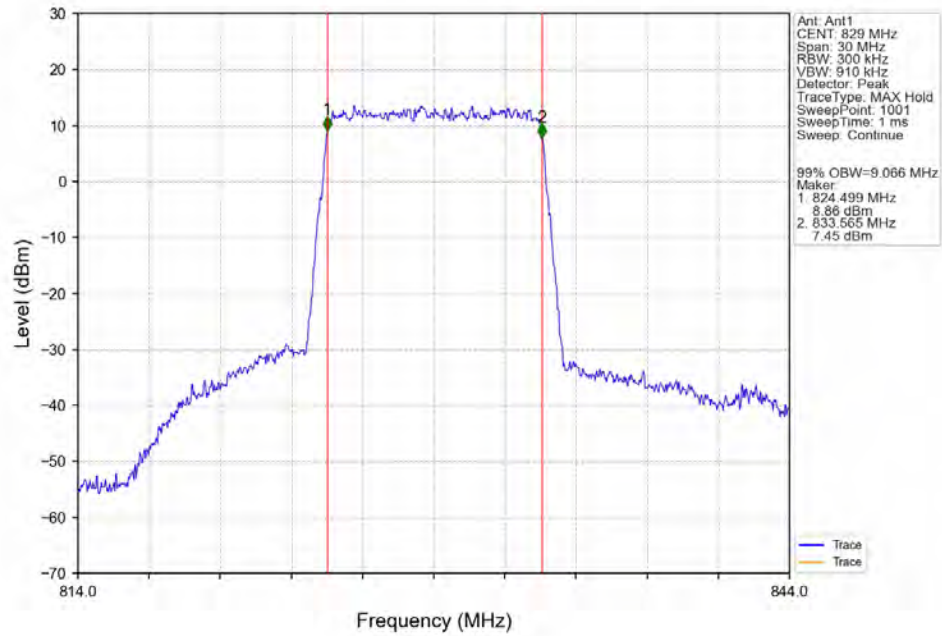
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



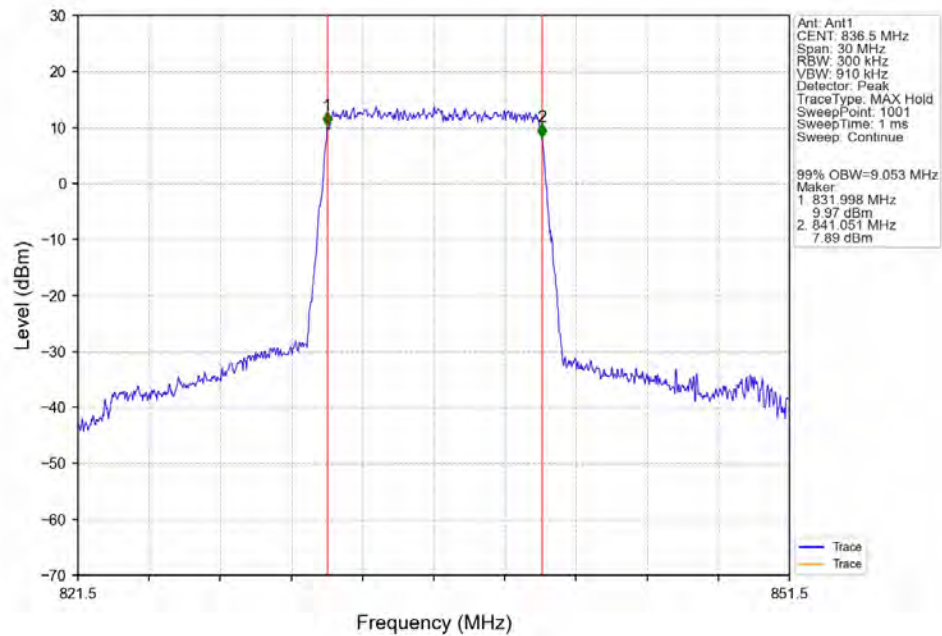
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



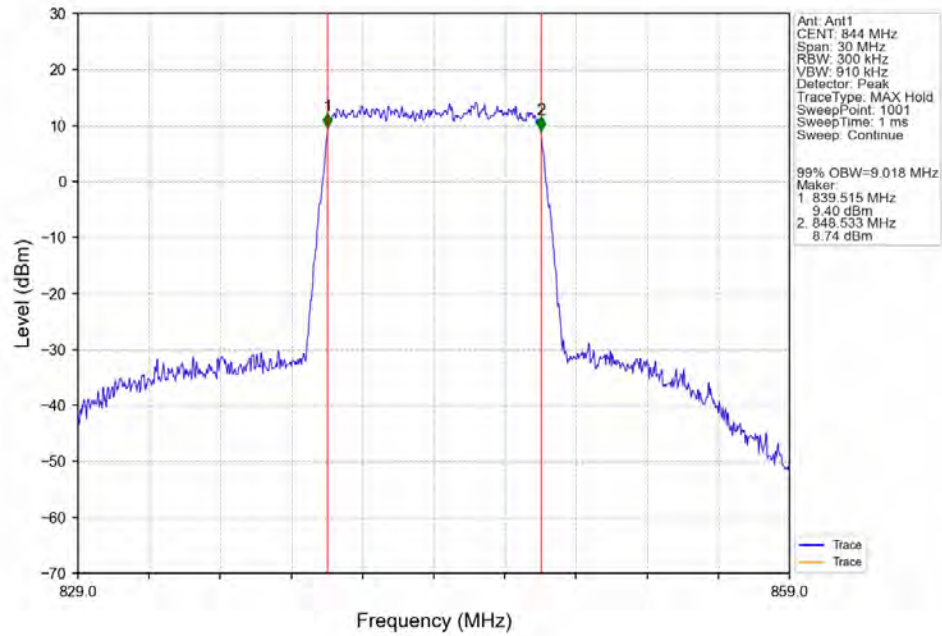
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



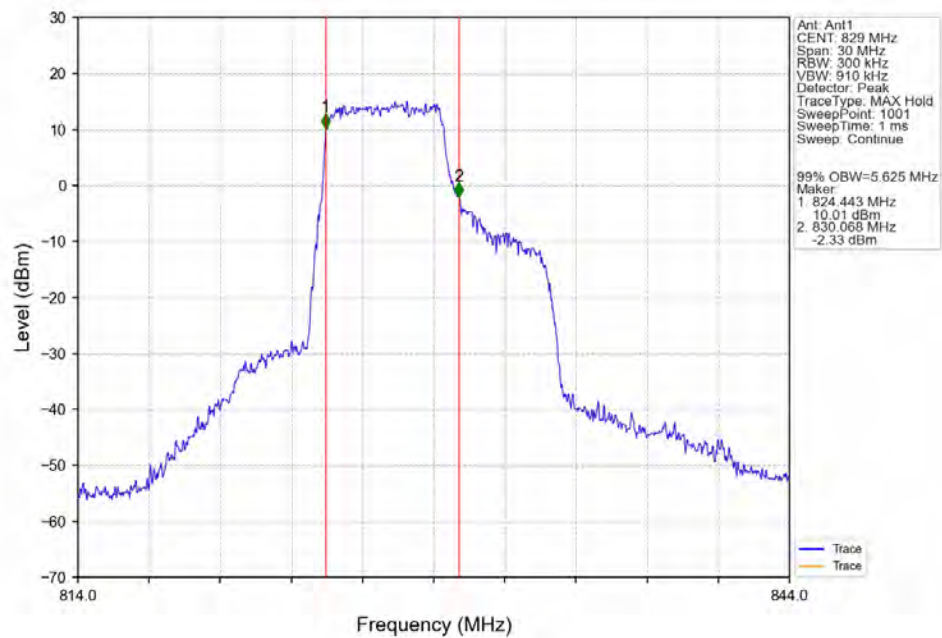
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



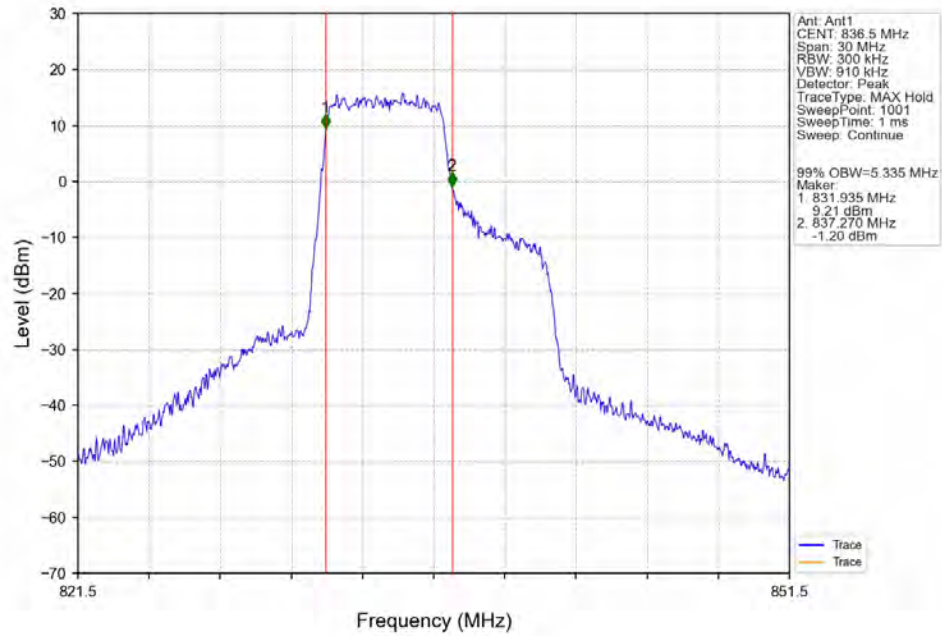
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



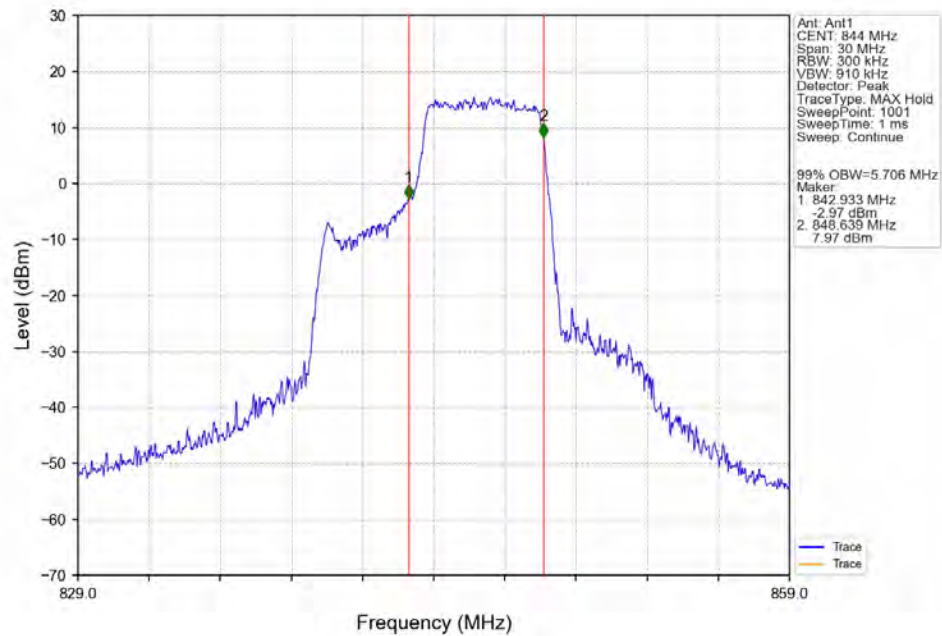
Band5_10MHz_16QAM_LCH_829MHz_RB_27_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_27_0_NTNV

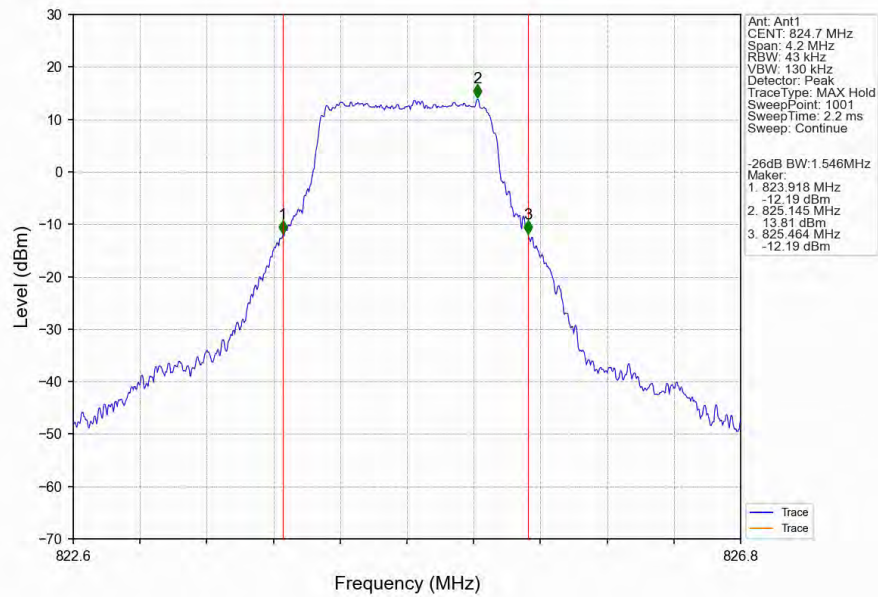


Band5_10MHz_16QAM_HCH_844MHz_RB_27_23_NTNV

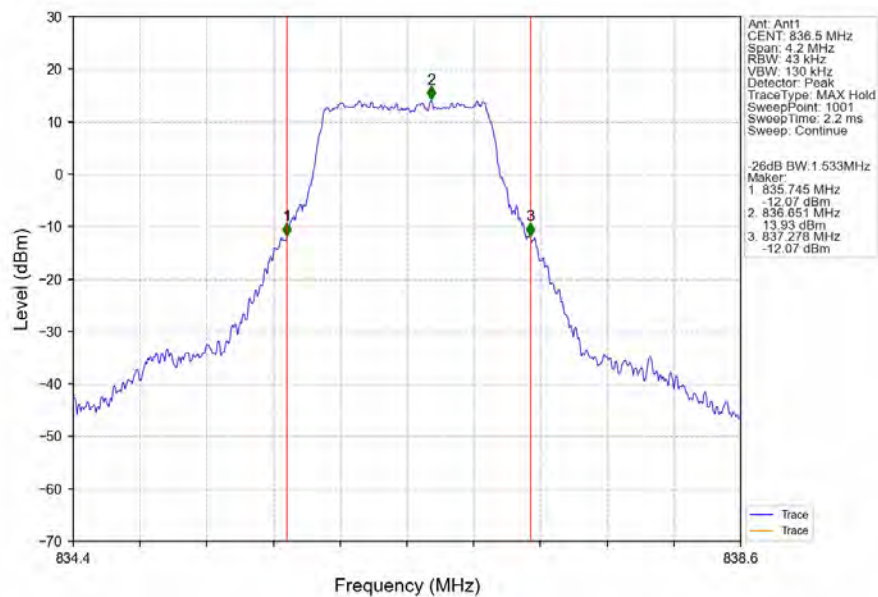


3.2.2 Band5_XDB

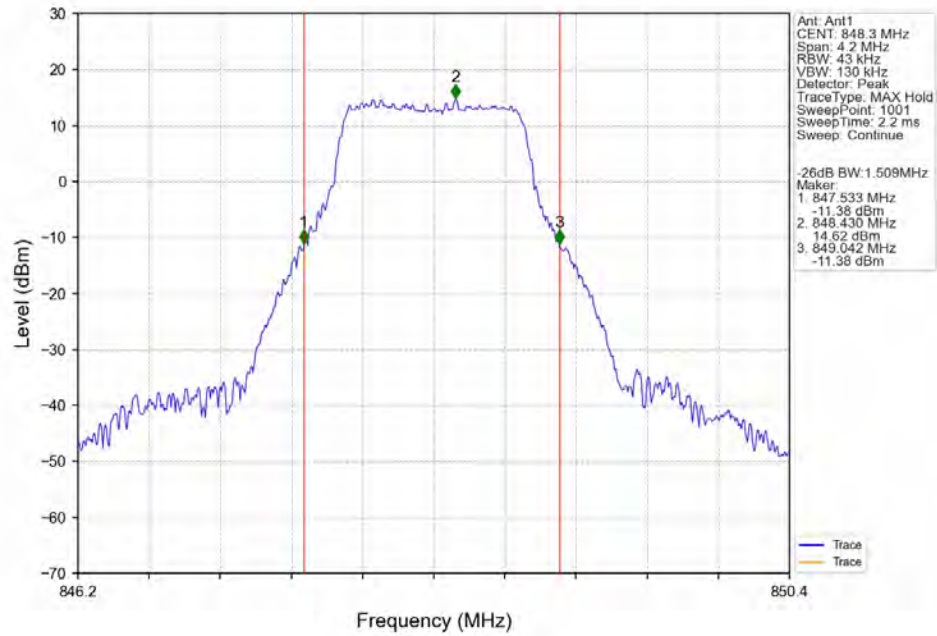
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



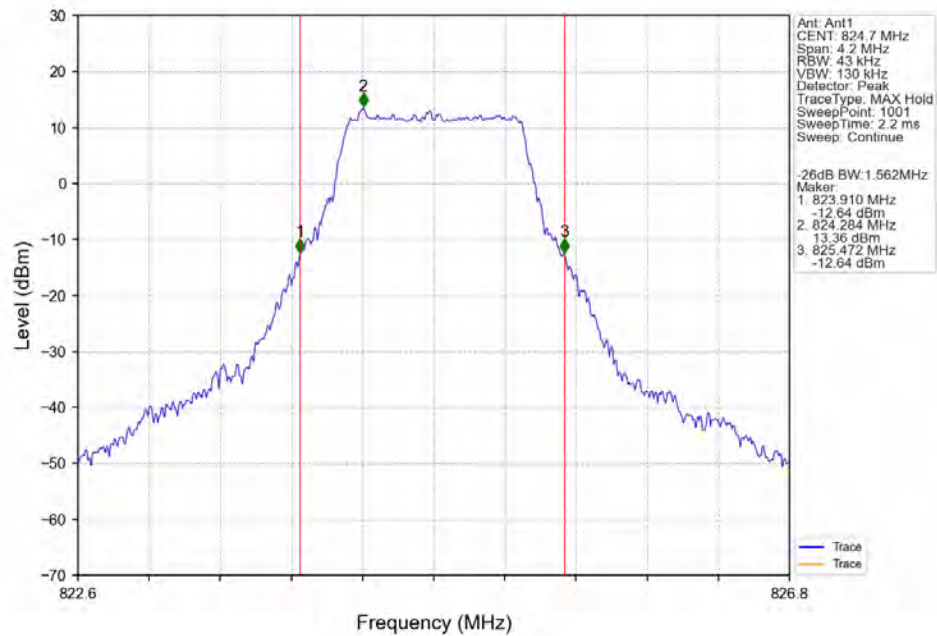
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV



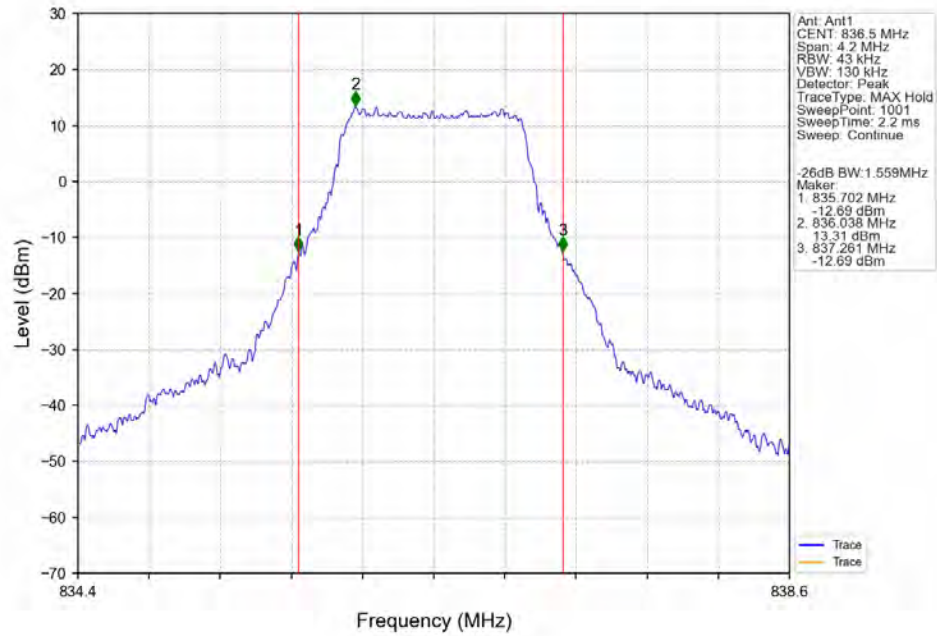
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



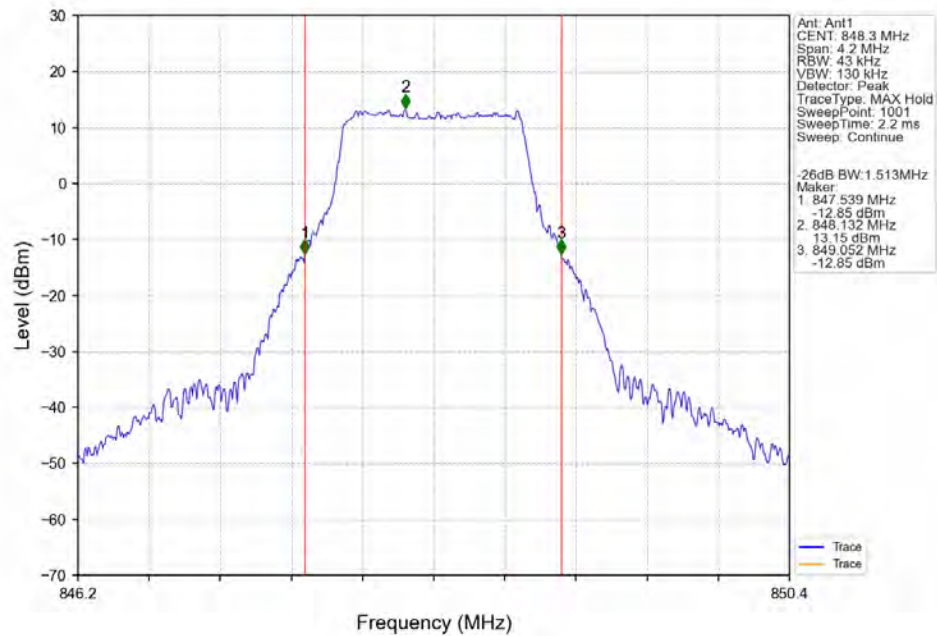
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



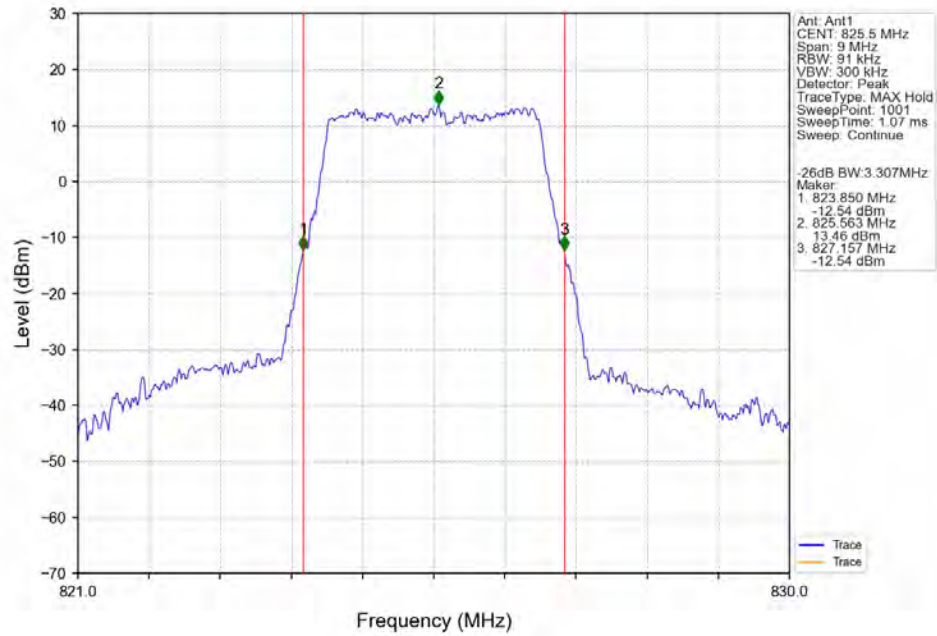
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



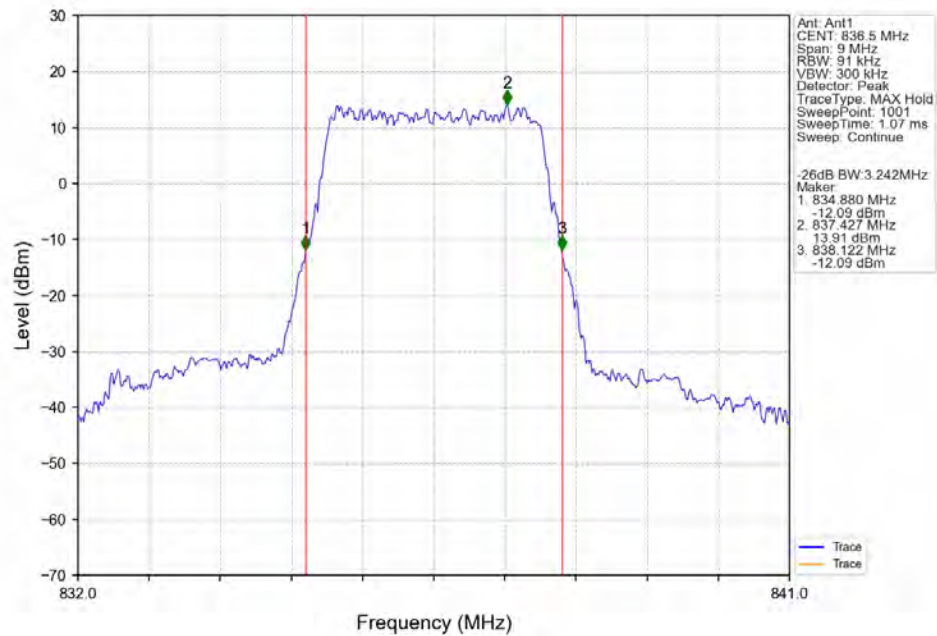
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



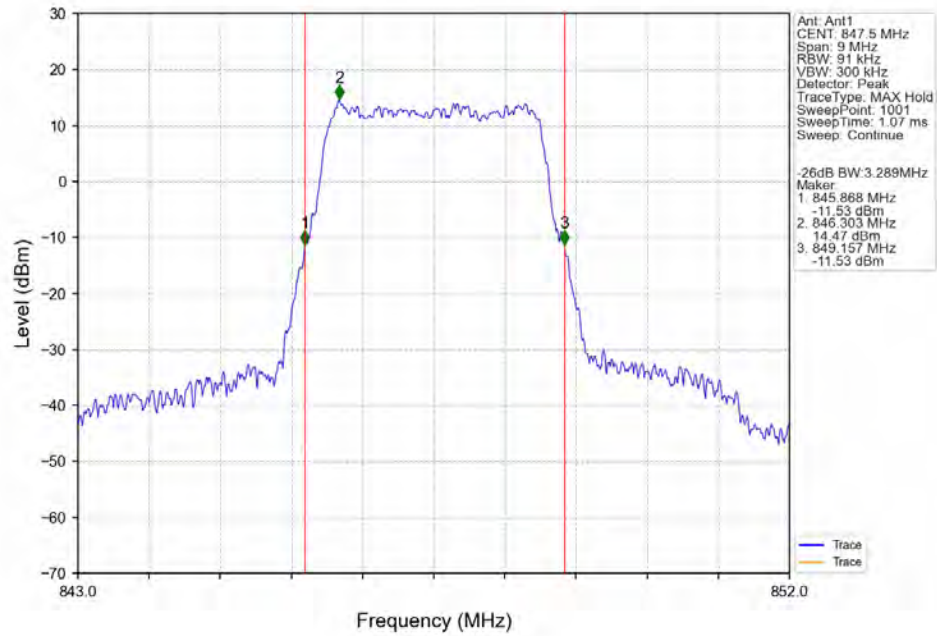
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



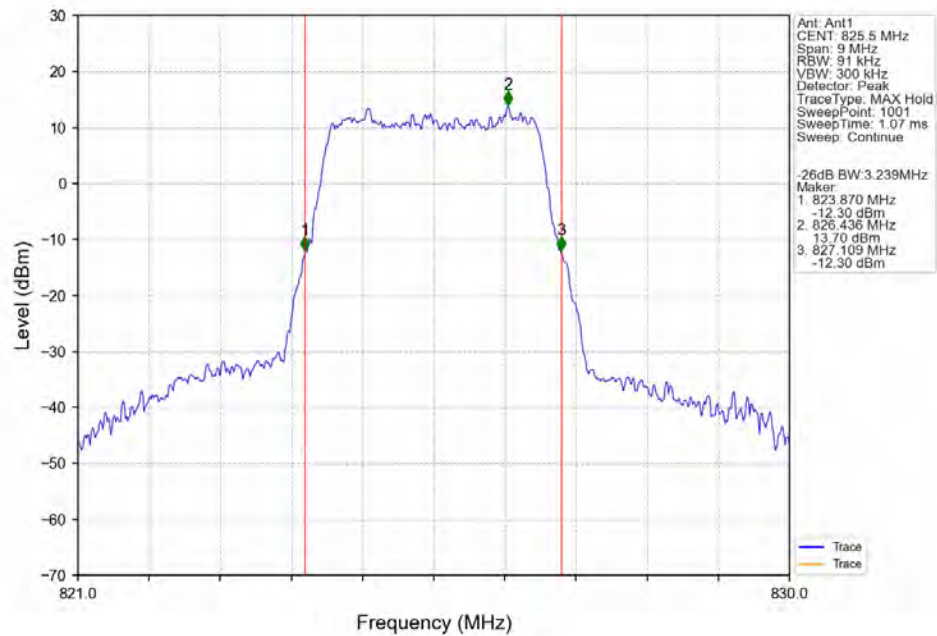
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



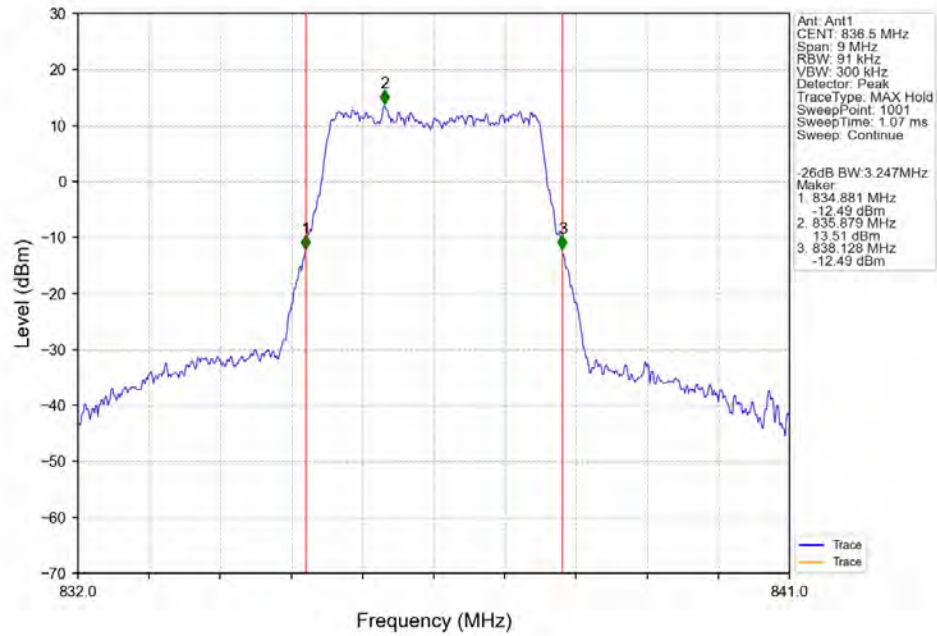
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



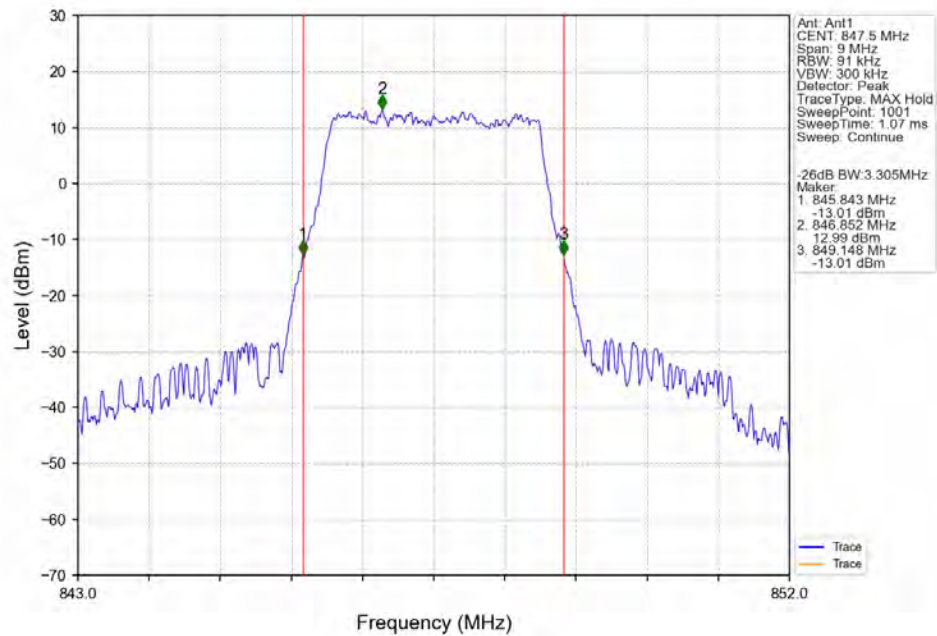
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



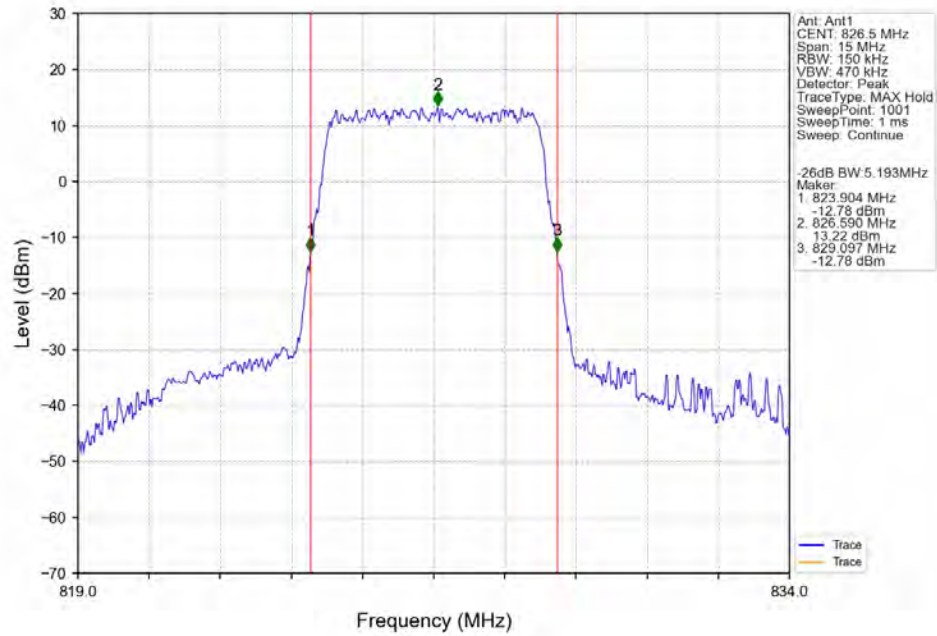
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



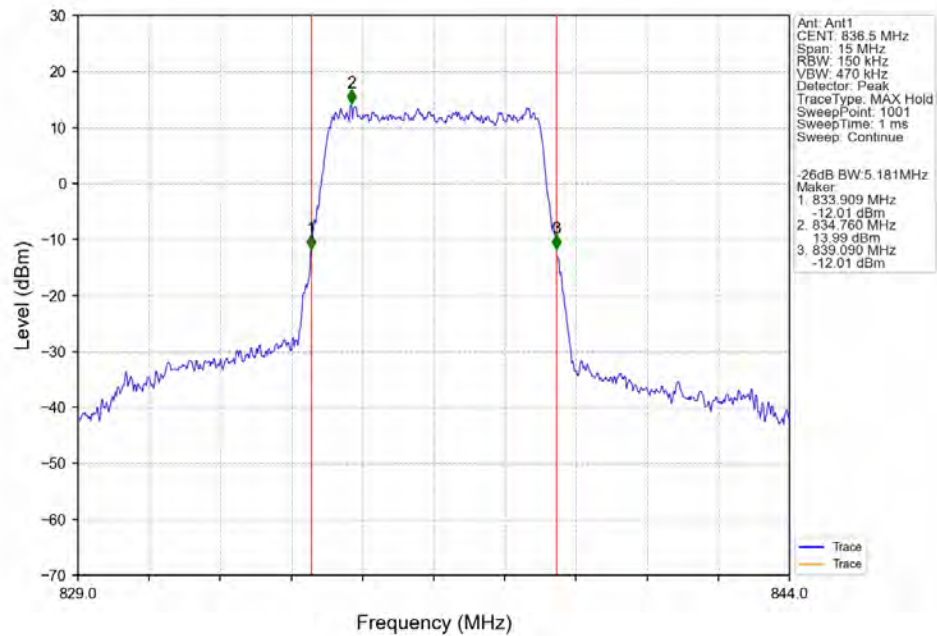
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



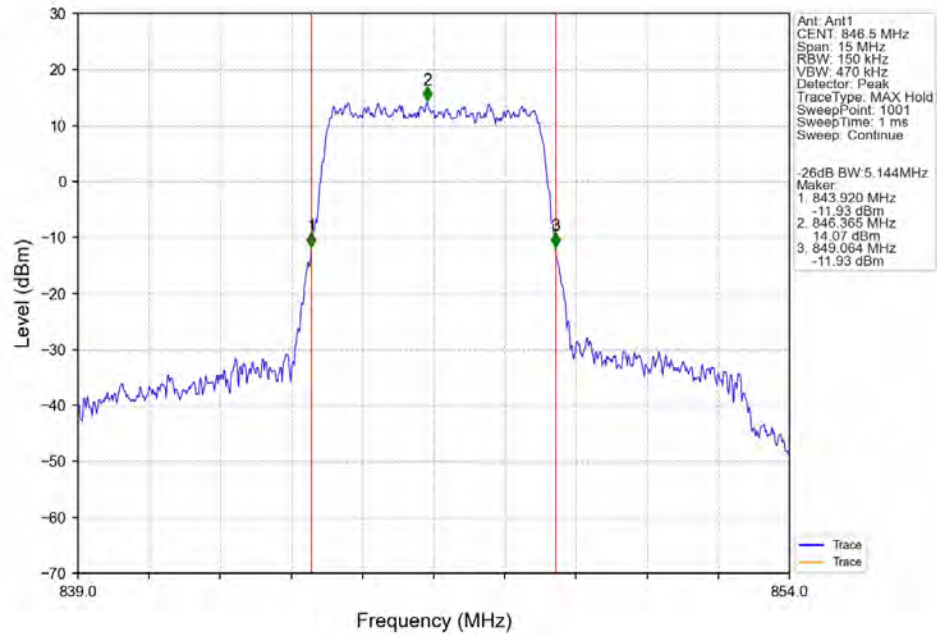
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



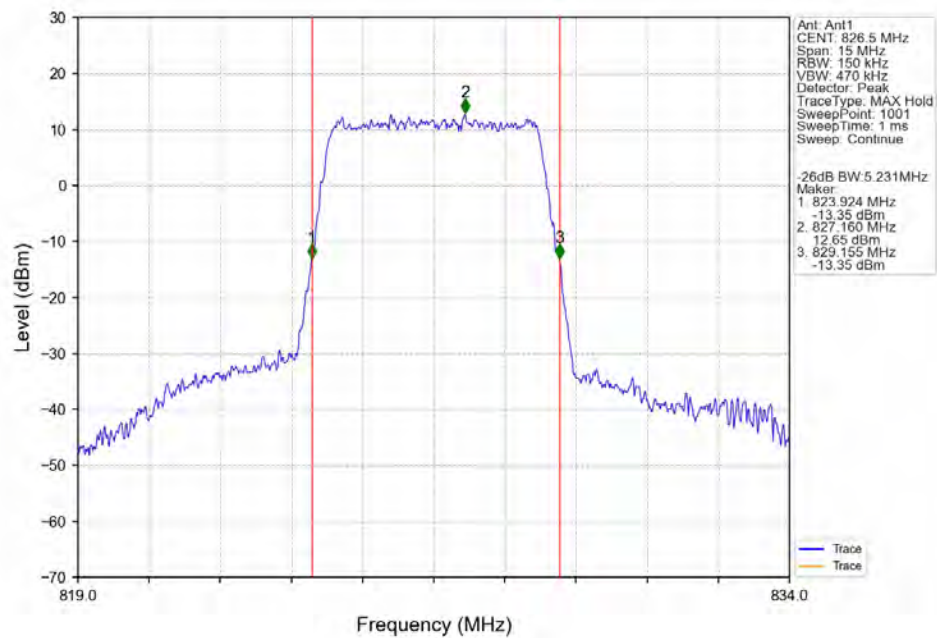
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



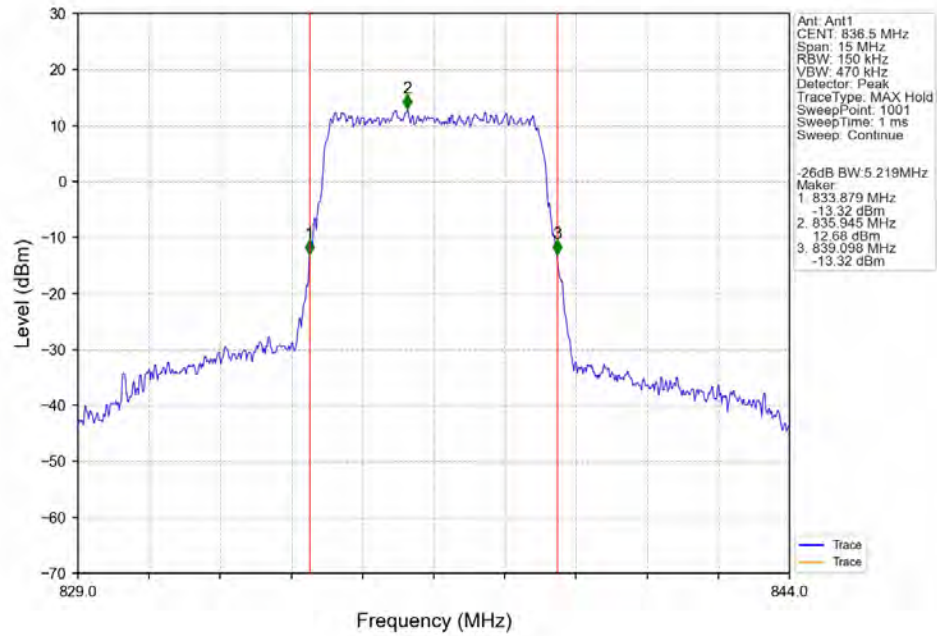
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



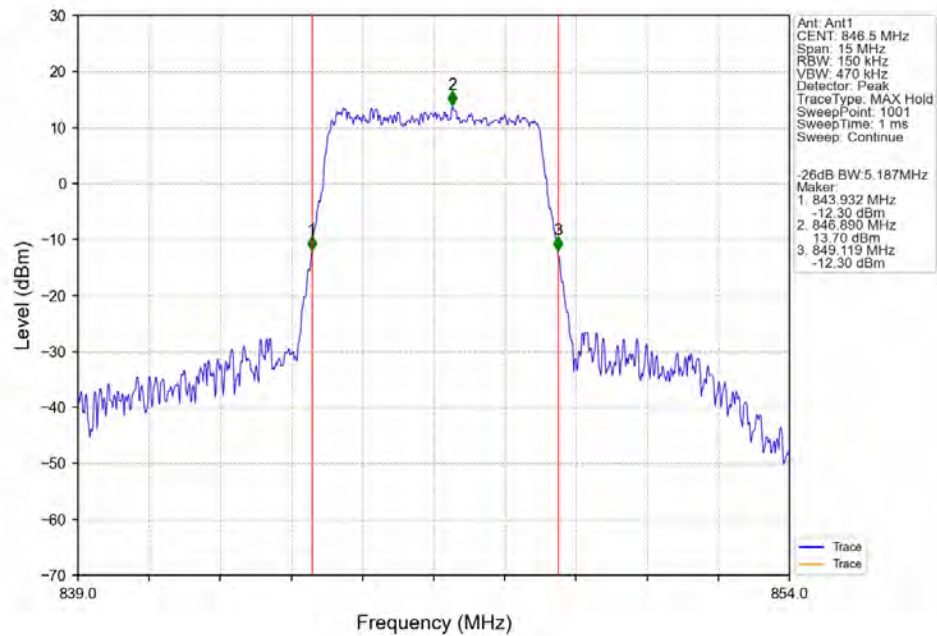
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



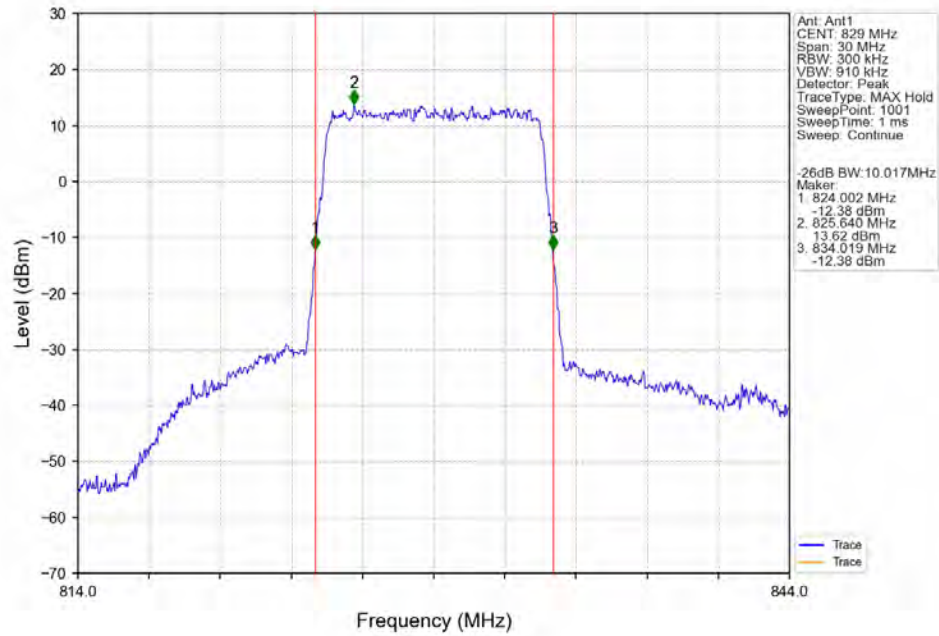
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



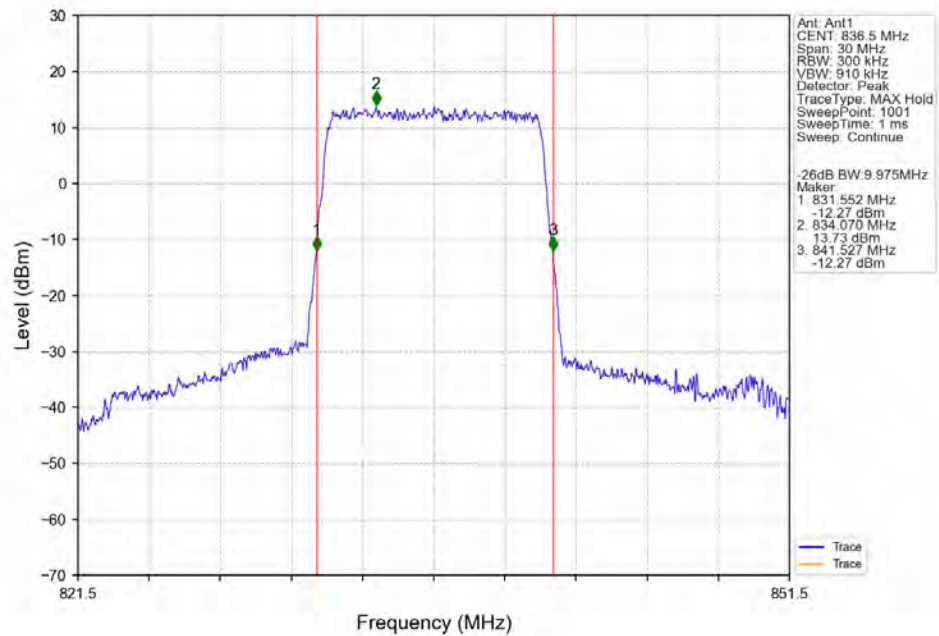
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



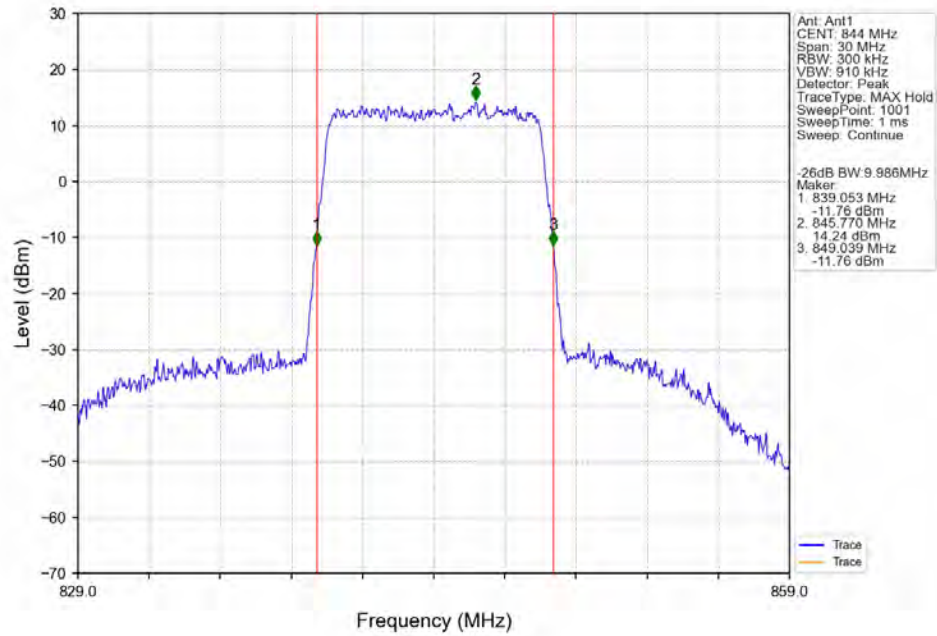
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



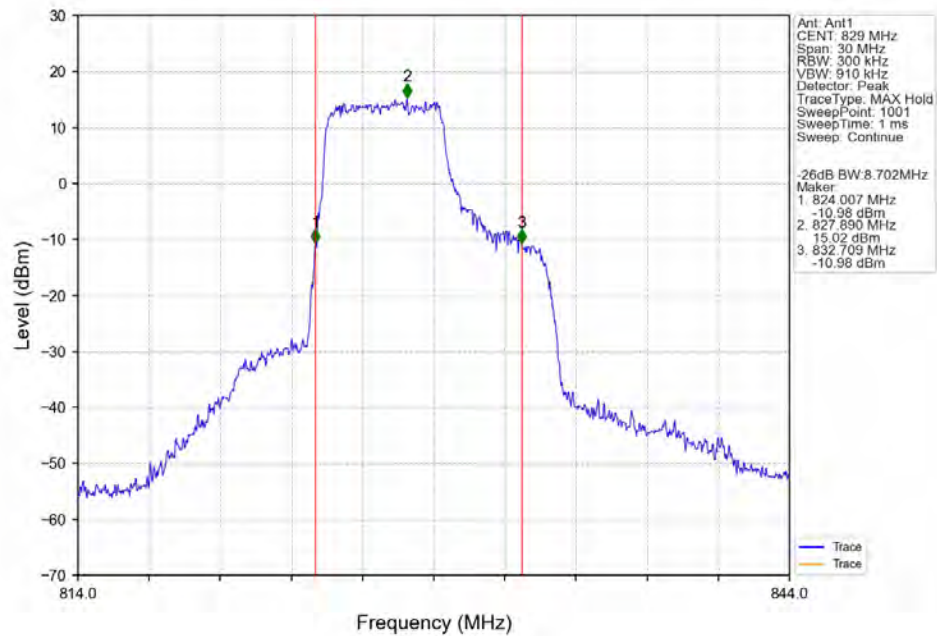
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



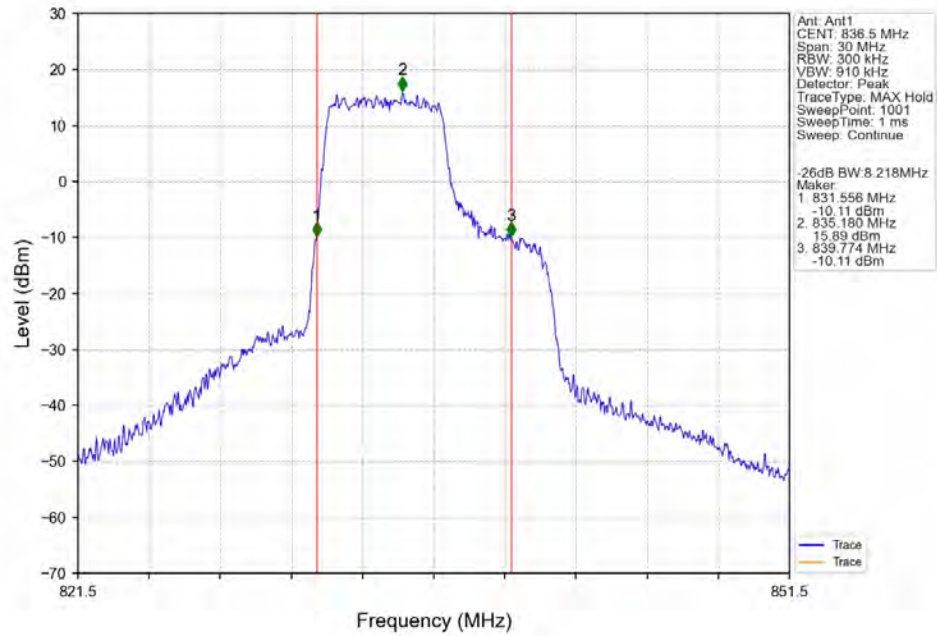
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



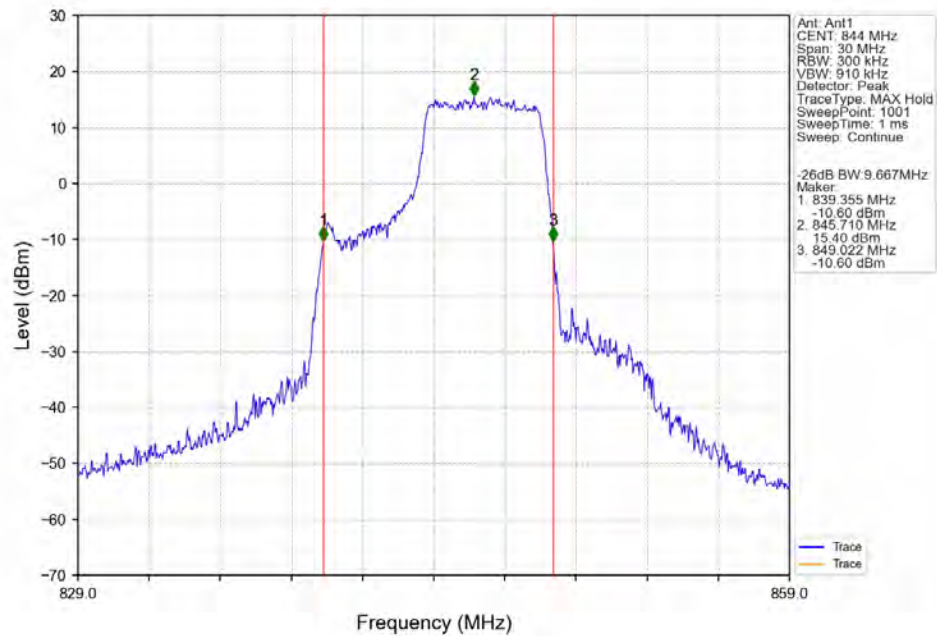
Band5_10MHz_16QAM_LCH_829MHz_RB_27_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_27_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_27_23_NTNV



4. Peak-Average Ratio

4.1 Test Result

4.1.1 B5_1.4MHz

Band: 5 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	824.7	6	0	5.80	<=13	Pass
	836.5	6	0	5.88	<=13	Pass
	848.3	6	0	5.60	<=13	Pass
16QAM	824.7	6	0	6.68	<=13	Pass
	836.5	6	0	6.62	<=13	Pass
	848.3	6	0	6.34	<=13	Pass

4.1.2 B5_3MHz

Band: 5 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	825.5	15	0	5.91	<=13	Pass
	836.5	15	0	5.87	<=13	Pass
	847.5	15	0	5.64	<=13	Pass
16QAM	825.5	15	0	6.65	<=13	Pass
	836.5	15	0	6.65	<=13	Pass
	847.5	15	0	6.44	<=13	Pass

4.1.3 B5_5MHz

Band: 5 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	826.5	25	0	5.77	<=13	Pass
	836.5	25	0	5.85	<=13	Pass
	846.5	25	0	5.66	<=13	Pass
16QAM	826.5	25	0	6.52	<=13	Pass
	836.5	25	0	6.47	<=13	Pass
	846.5	25	0	6.36	<=13	Pass

4.1.4 B5_10MHz

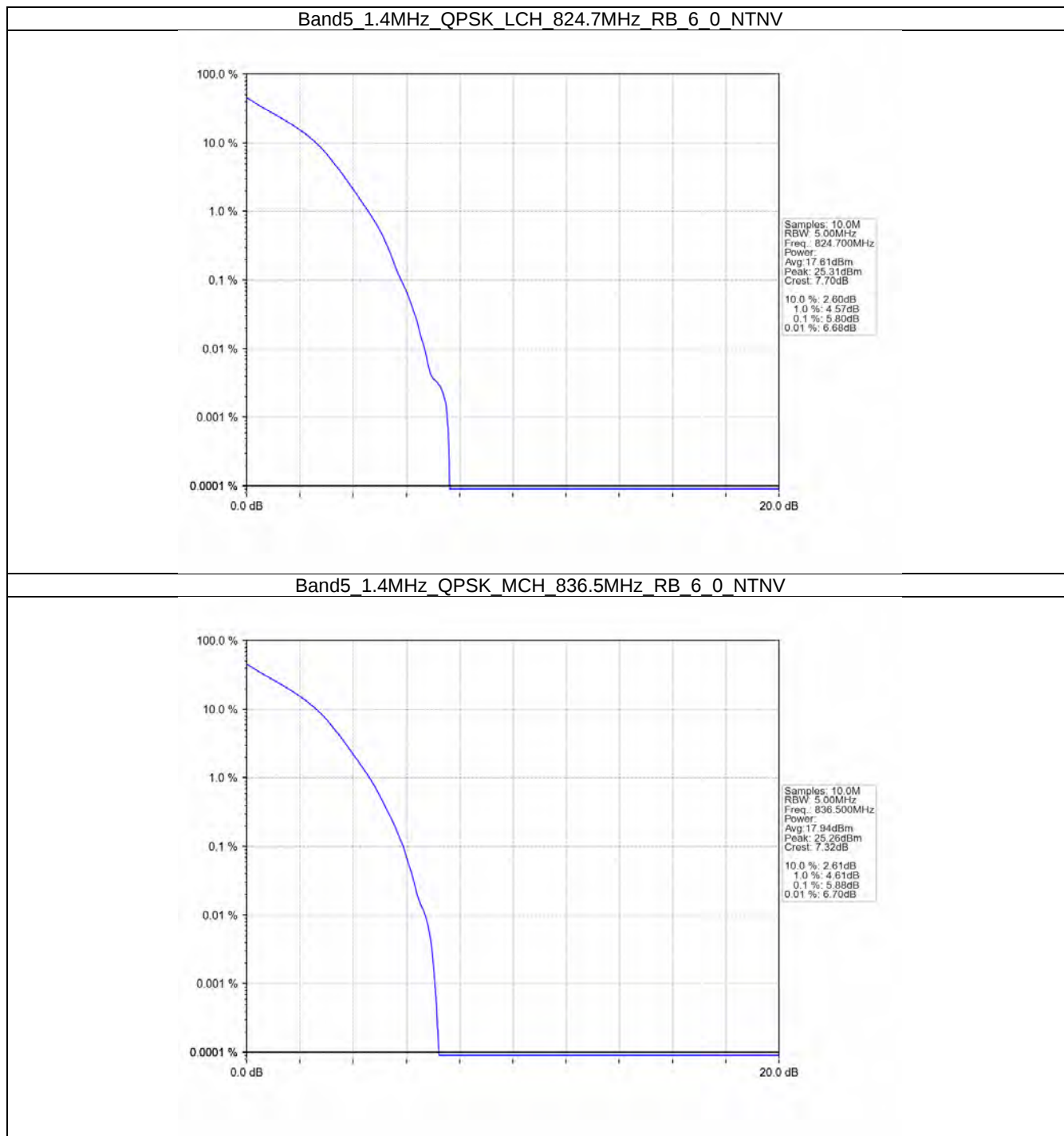
Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	829	50	0	5.76	<=13	Pass
	836.5	50	0	5.76	<=13	Pass



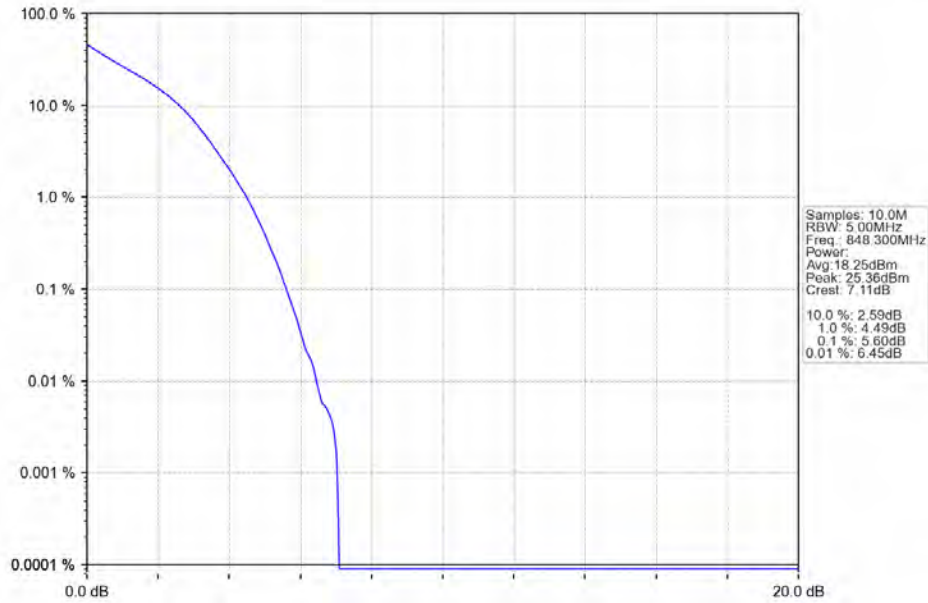
	844	50	0	5.60	<=13	Pass
16QAM	829	27	0	6.48	<=13	Pass
	836.5	27	0	6.56	<=13	Pass
	844	27	23	6.32	<=13	Pass

4.2 Test Graph

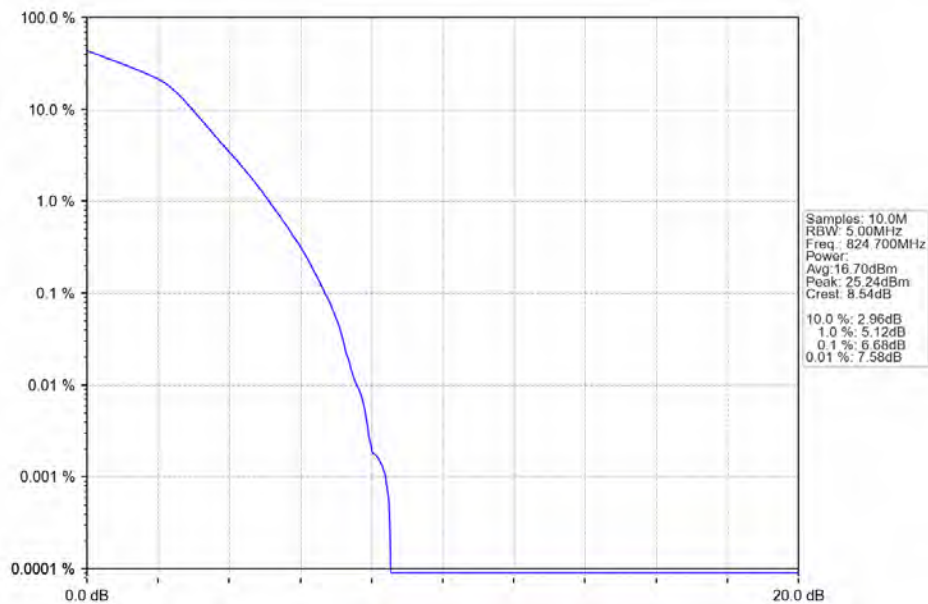
4.2.1 B5_1.4MHz



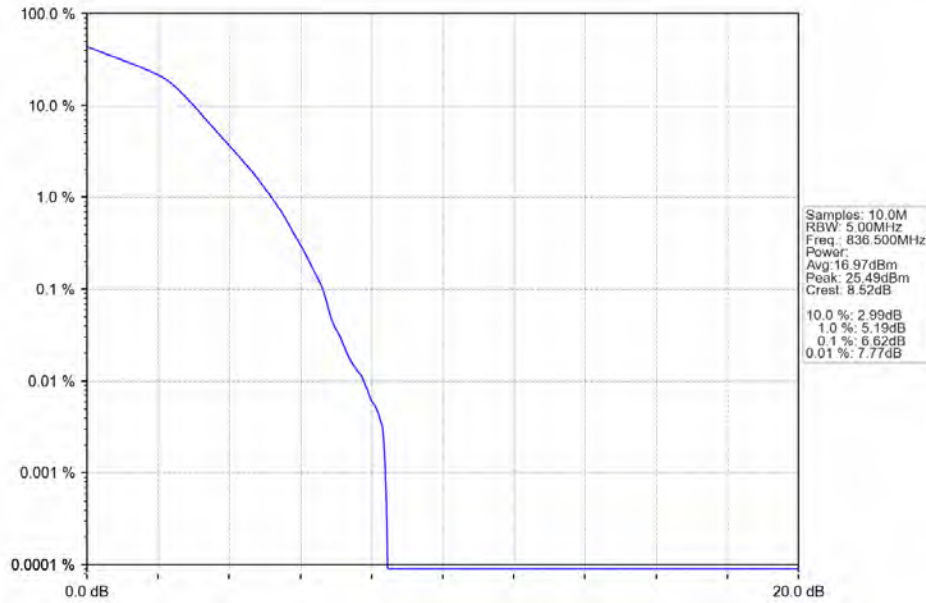
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



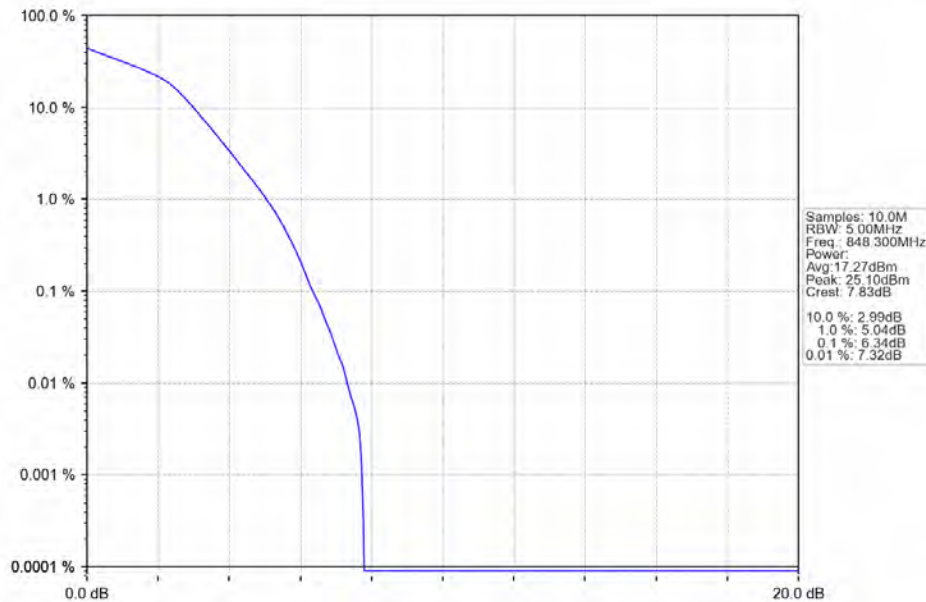
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



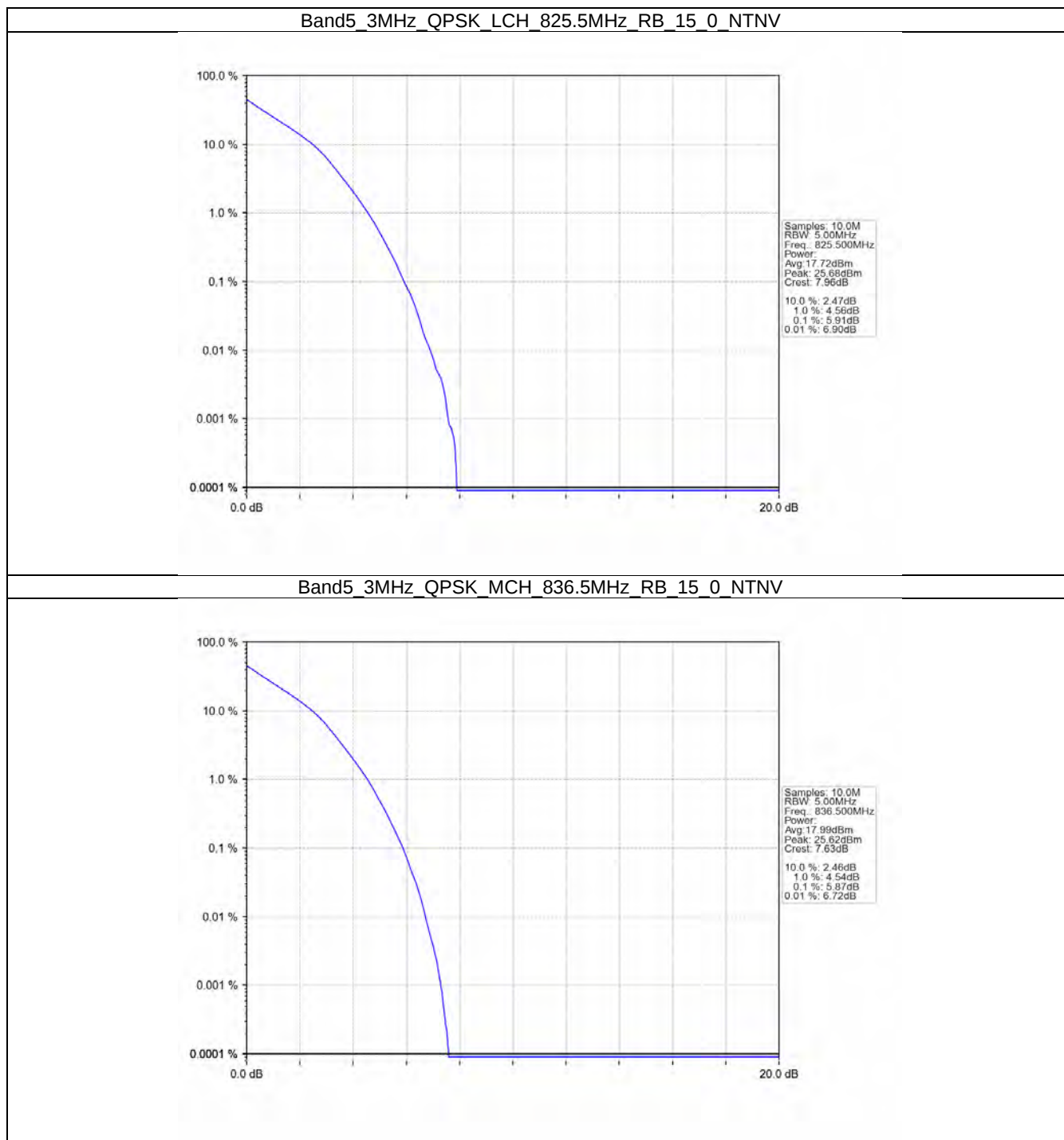
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



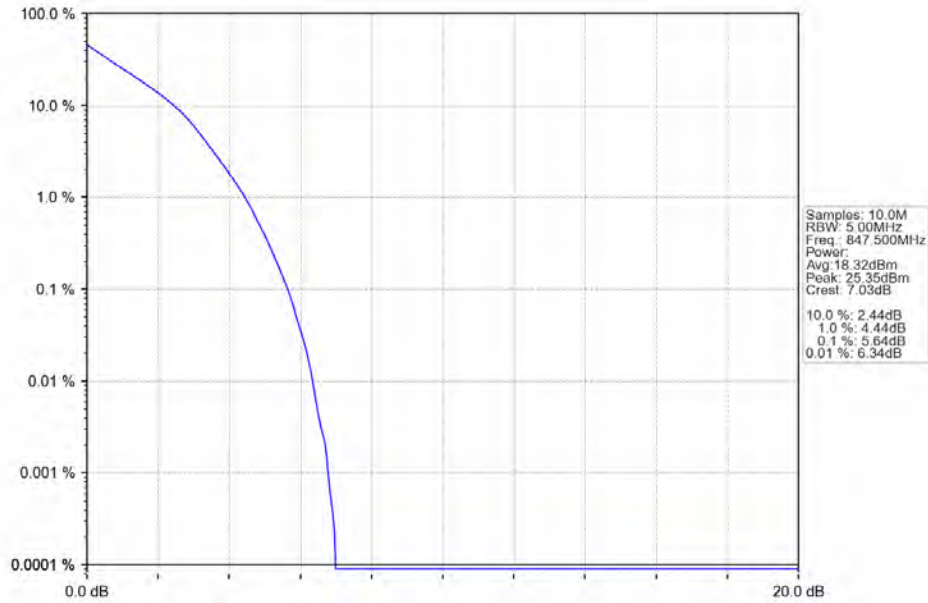
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



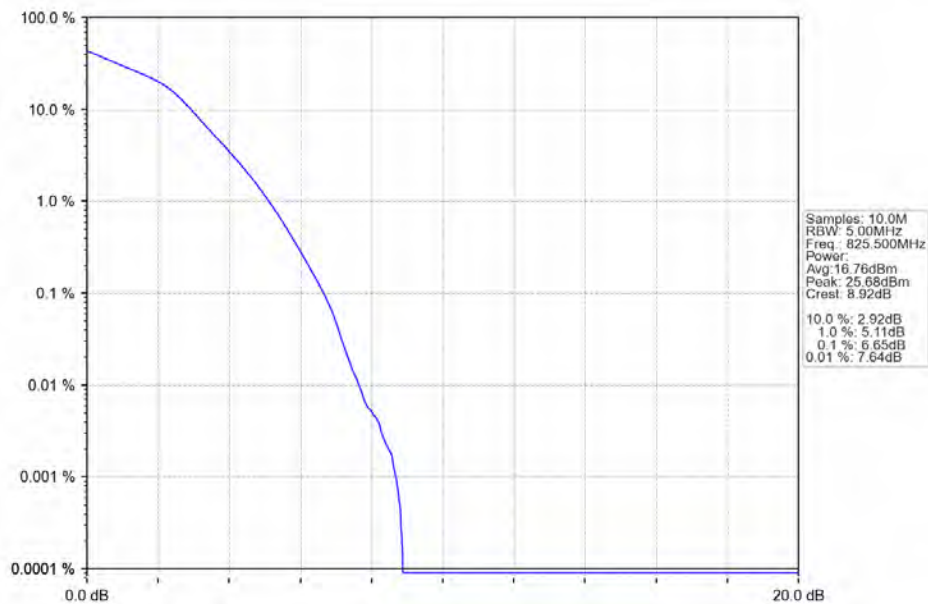
4.2.2 B5_3MHz



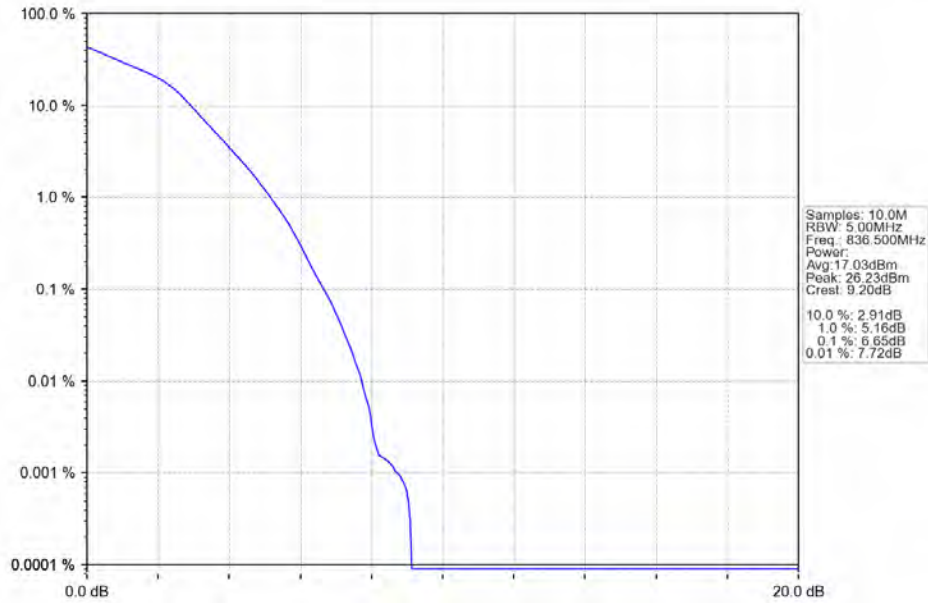
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



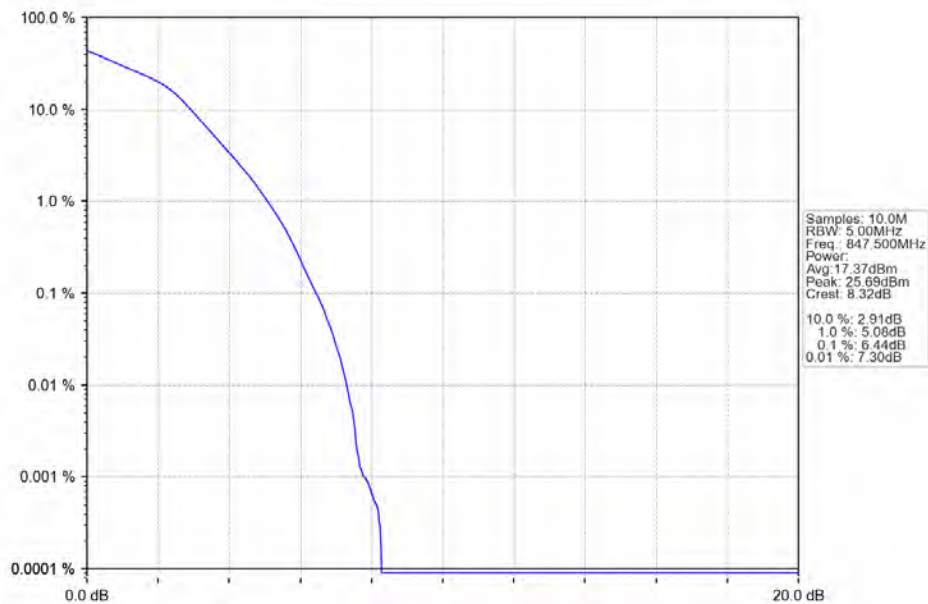
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



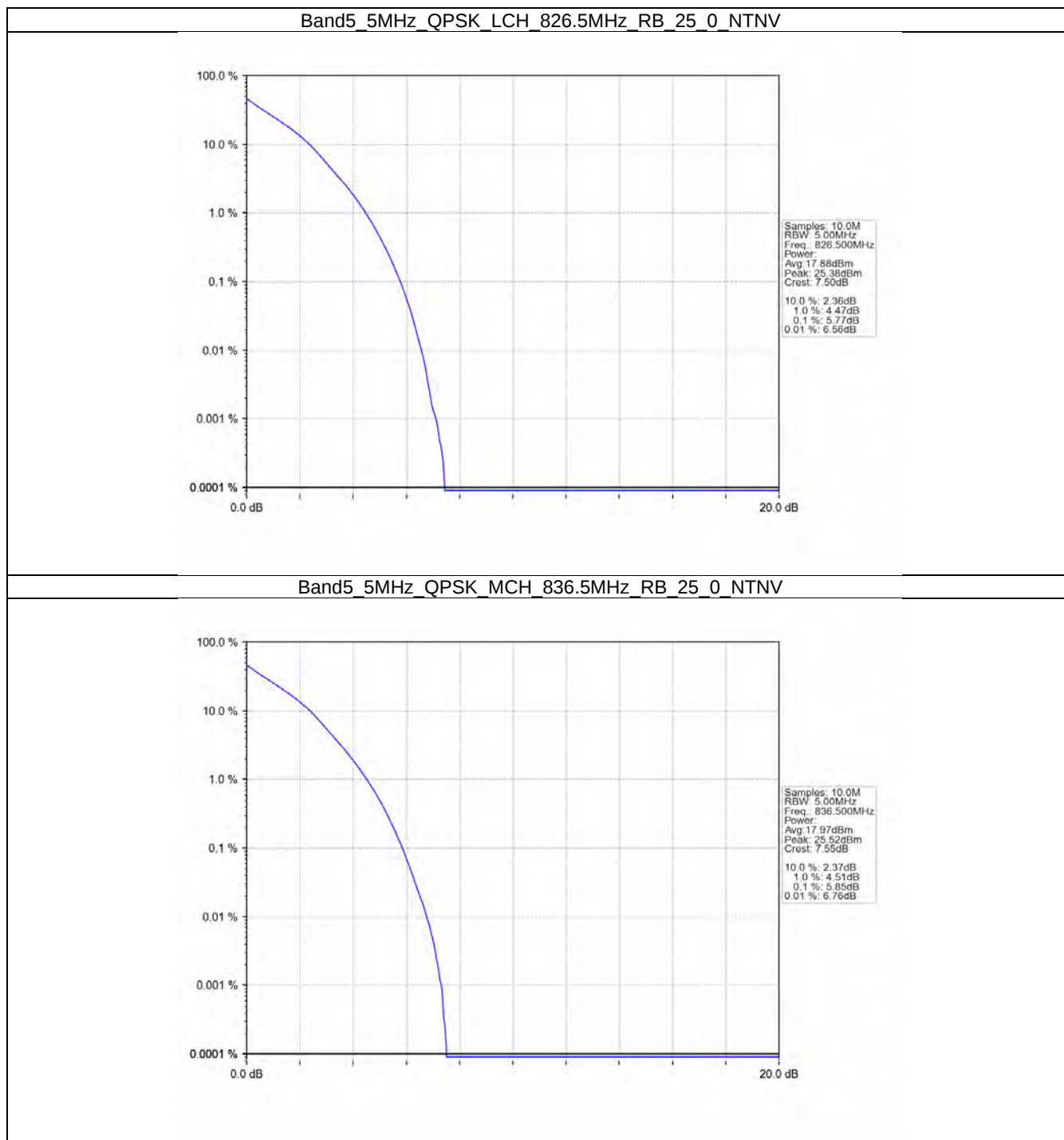
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



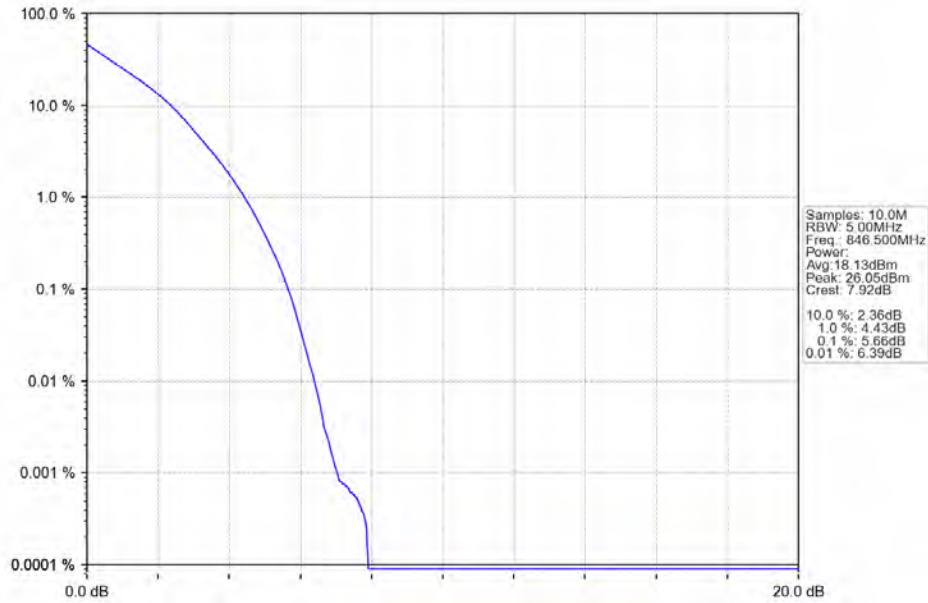
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



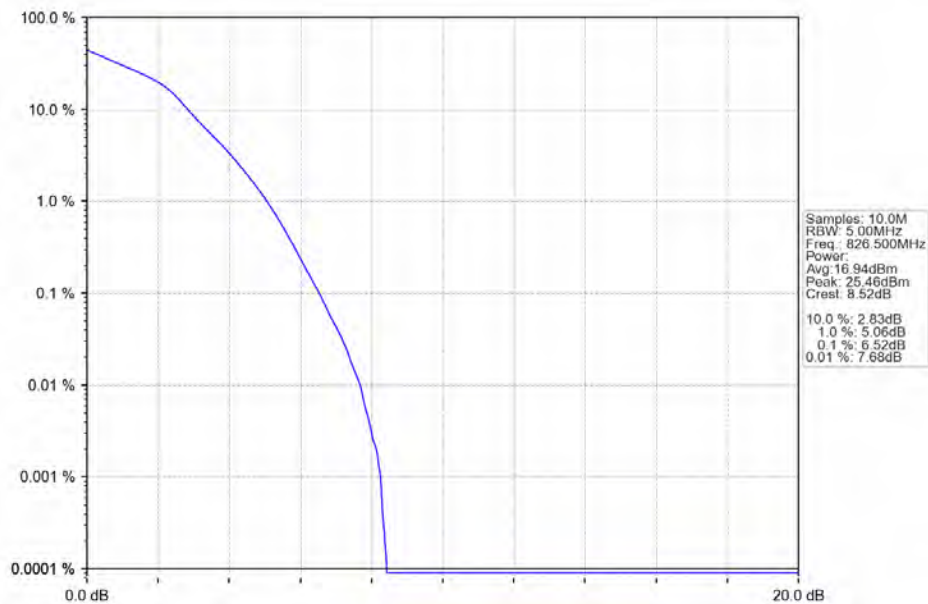
4.2.3 B5_5MHz



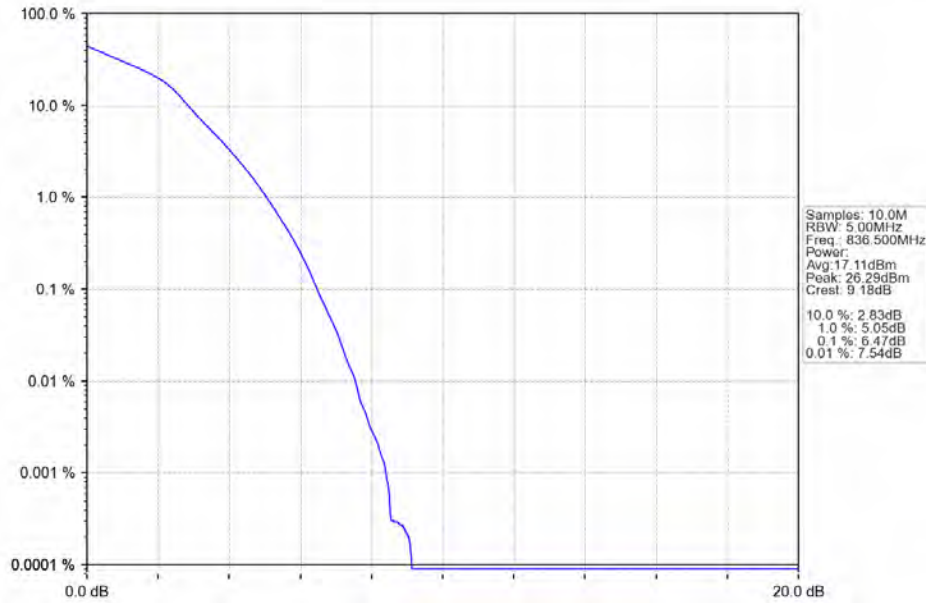
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



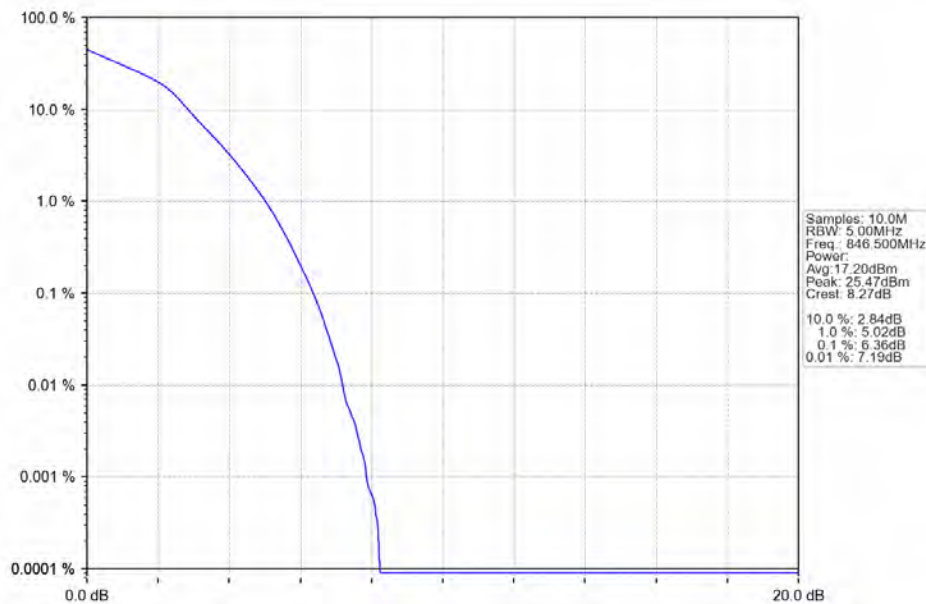
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



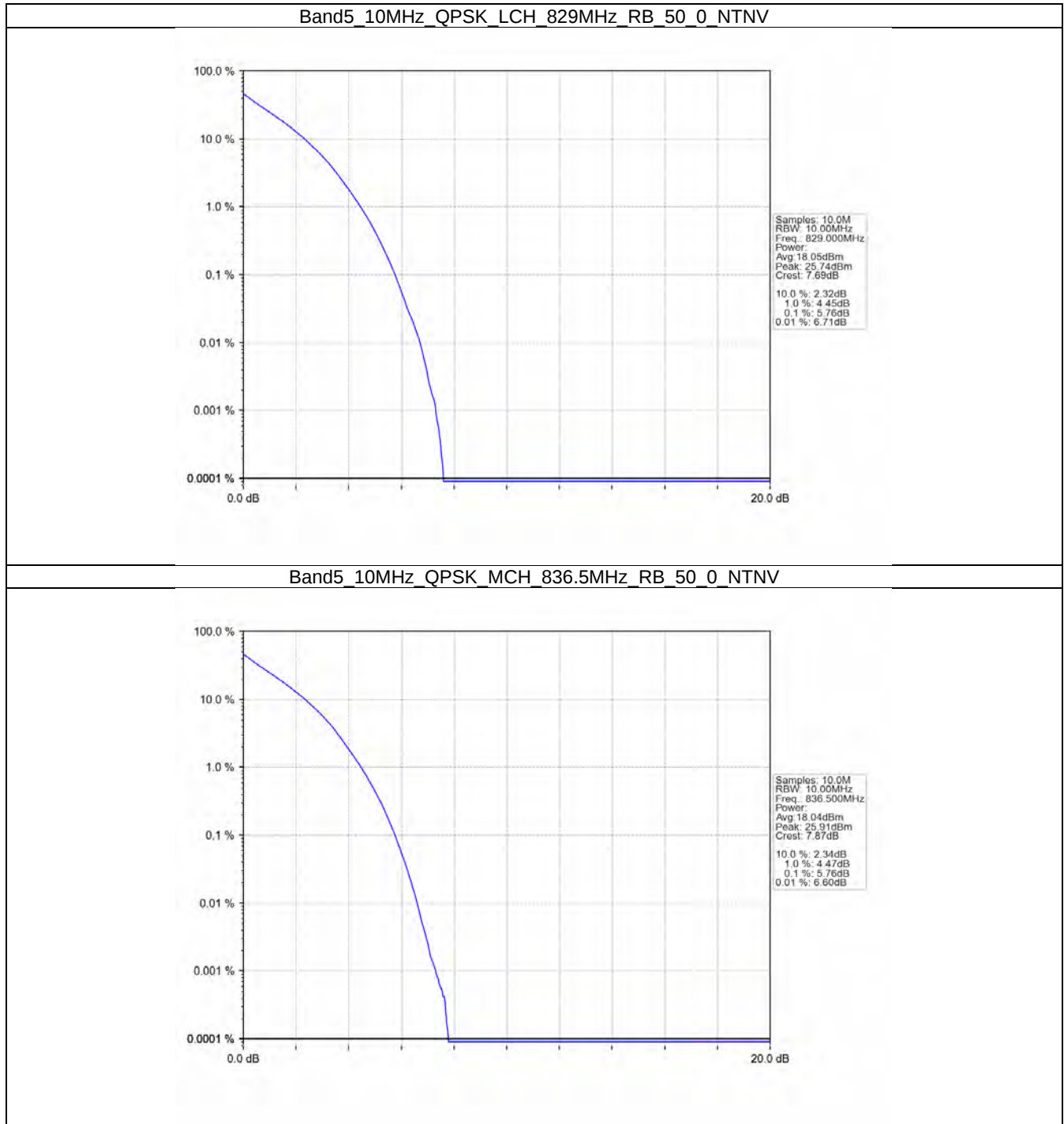
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



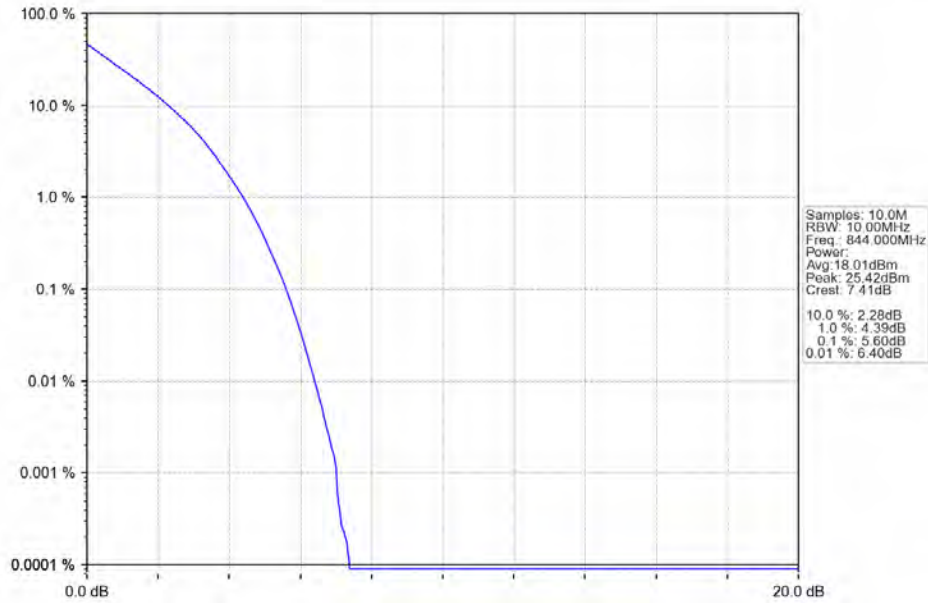
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



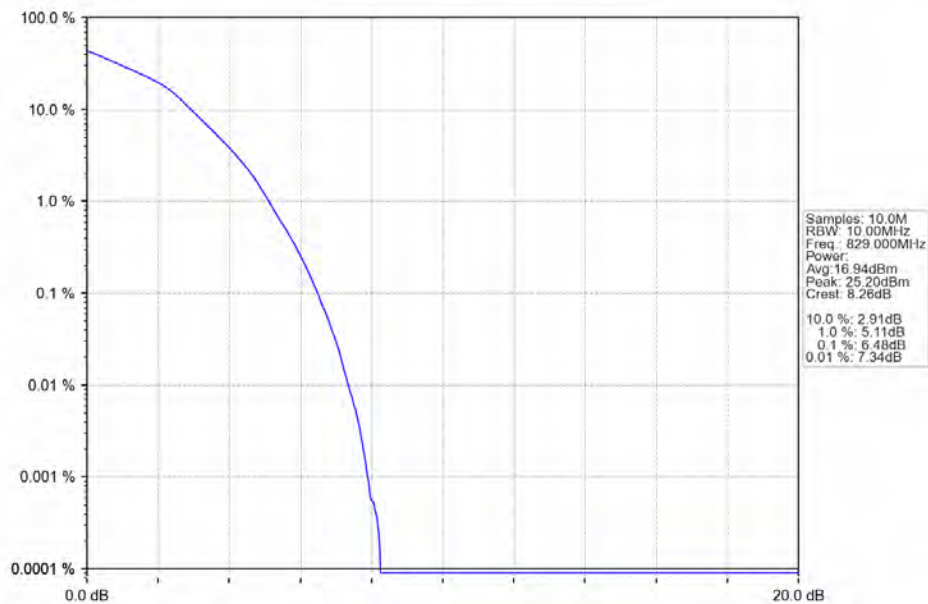
4.2.4 B5_10MHz



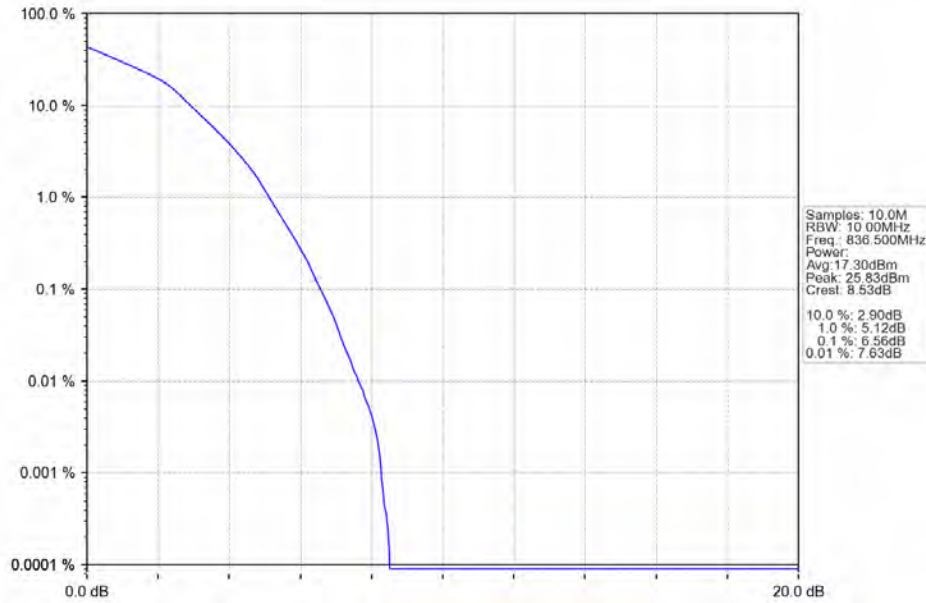
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



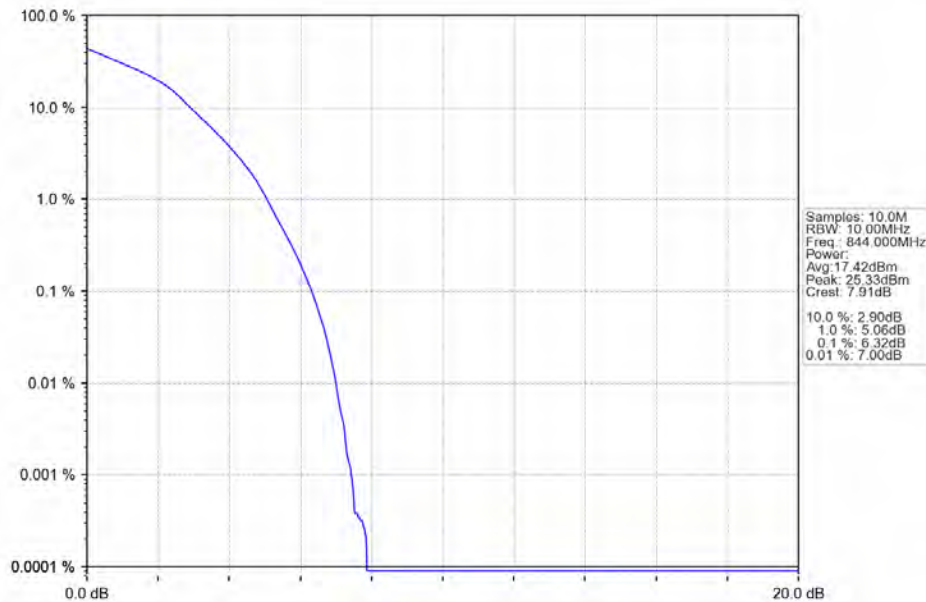
Band5_10MHz_16QAM_LCH_829MHz_RB_27_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_27_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_27_23_NTNV



5. Spurious Emission

5.1 Test Result

5.1.1 B5_1.4MHz

Band: 5 / Bandwidth: 1.4MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		Size	Offset	Result	Limit
QPSK	824.7	1	0	Refer To Test Graph	Pass
		6	0	Refer To Test Graph	Pass
	836.5	1	0	Refer To Test Graph	Pass
		1	0	Refer To Test Graph	Pass
			5	Refer To Test Graph	Pass
			0	Refer To Test Graph	Pass
16QAM	824.7	1	0	Refer To Test Graph	Pass
		6	0	Refer To Test Graph	Pass
	836.5	1	0	Refer To Test Graph	Pass
		1	0	Refer To Test Graph	Pass
			5	Refer To Test Graph	Pass
			0	Refer To Test Graph	Pass

5.1.2 B5_3MHz

Band: 5 / Bandwidth: 3MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		Size	Offset	Result	Limit
QPSK	825.5	1	0	Refer To Test Graph	Pass
		15	0	Refer To Test Graph	Pass
	836.5	1	0	Refer To Test Graph	Pass
		1	0	Refer To Test Graph	Pass
			14	Refer To Test Graph	Pass
			0	Refer To Test Graph	Pass
16QAM	825.5	1	0	Refer To Test Graph	Pass
		15	0	Refer To Test Graph	Pass
	836.5	1	0	Refer To Test Graph	Pass
		1	0	Refer To Test Graph	Pass
			14	Refer To Test Graph	Pass
			0	Refer To Test Graph	Pass

5.1.3 B5_5MHz

Band: 5 / Bandwidth: 5MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		Size	Offset	Result	Limit
QPSK	826.5	1	0	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass
	836.5	1	0	Refer To Test Graph	Pass



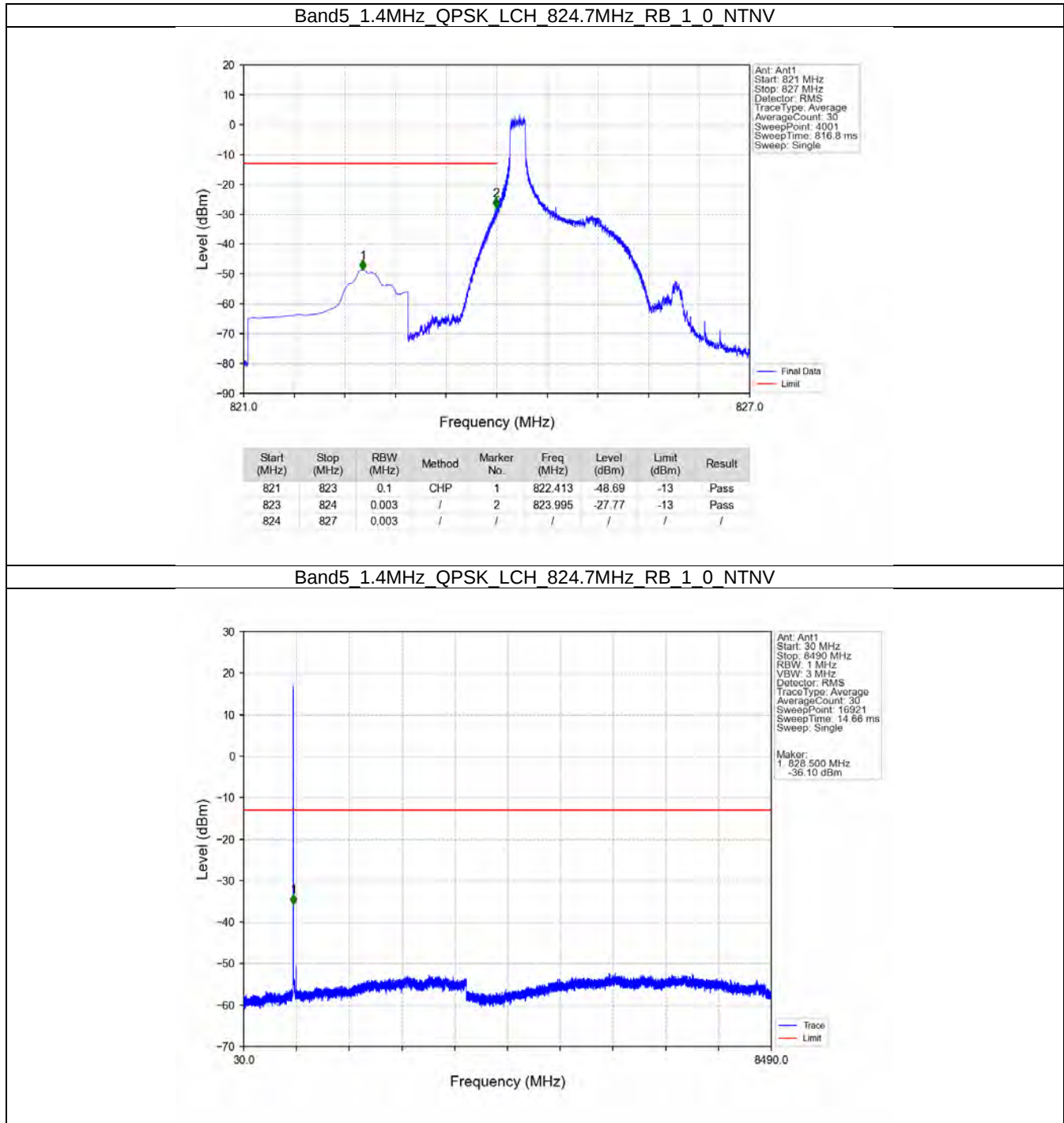
16QAM	846.5	1	0	Refer To Test Graph	Pass
			24	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass
	826.5	1	0	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass
	836.5	1	0	Refer To Test Graph	Pass
	846.5	1	0	Refer To Test Graph	Pass
			24	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass

5.1.4 B5_10MHz

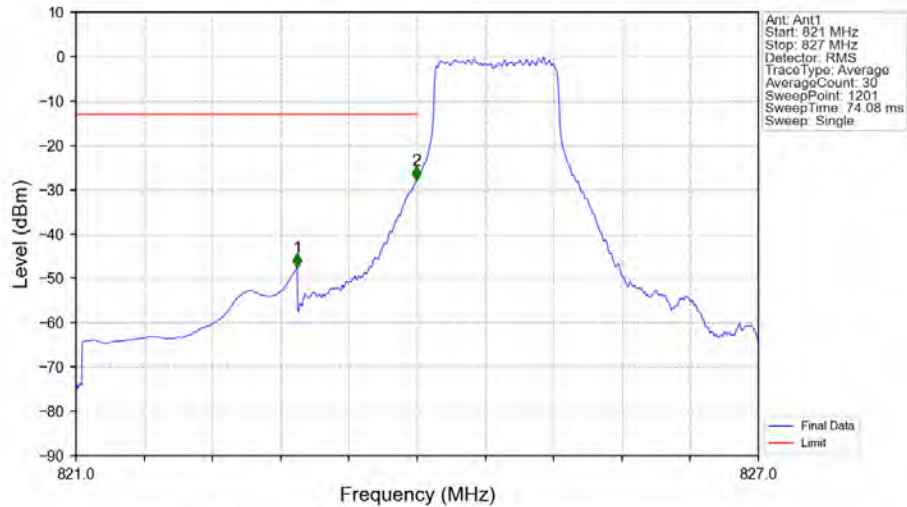
Band: 5 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	829	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	844	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	829	1	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	844	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass

5.2 Test Graph

5.2.1 B5_1.4MHz

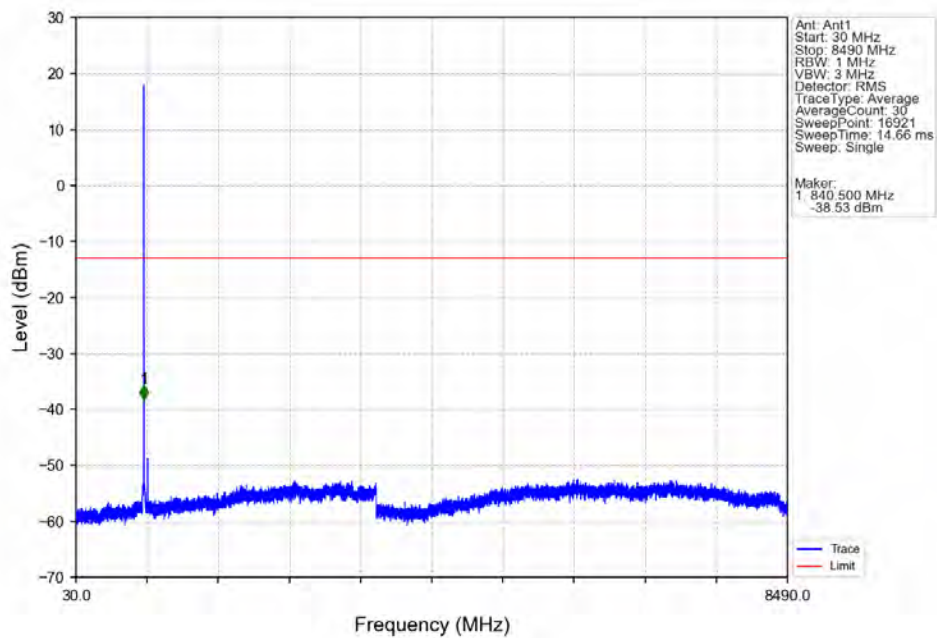


Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV

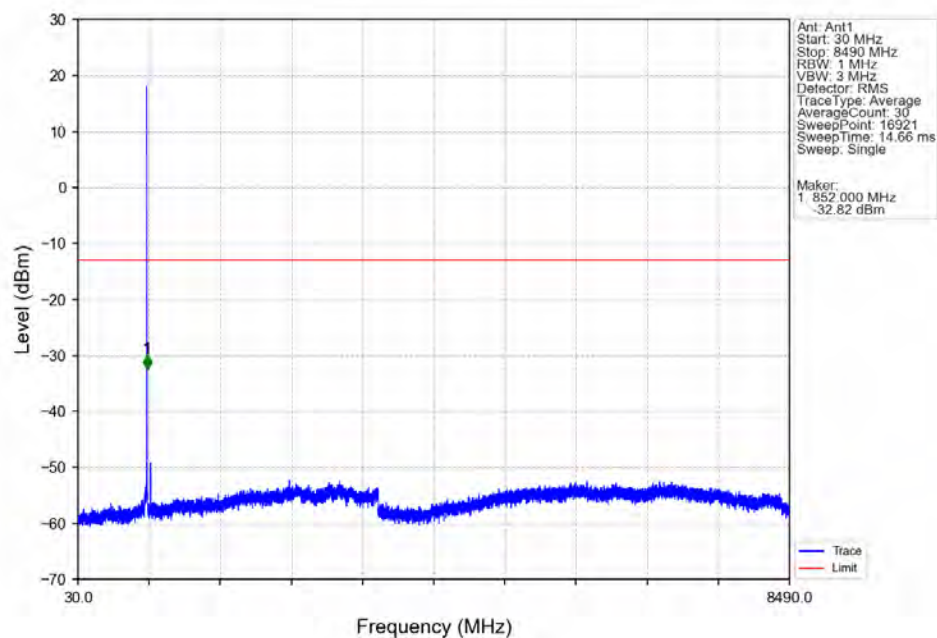


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.945	-47.54	-13	Pass
823	824	0.015	CHP	2	823.995	-27.90	-13	Pass
824	827	0.015	CHP	/	/	/	/	/

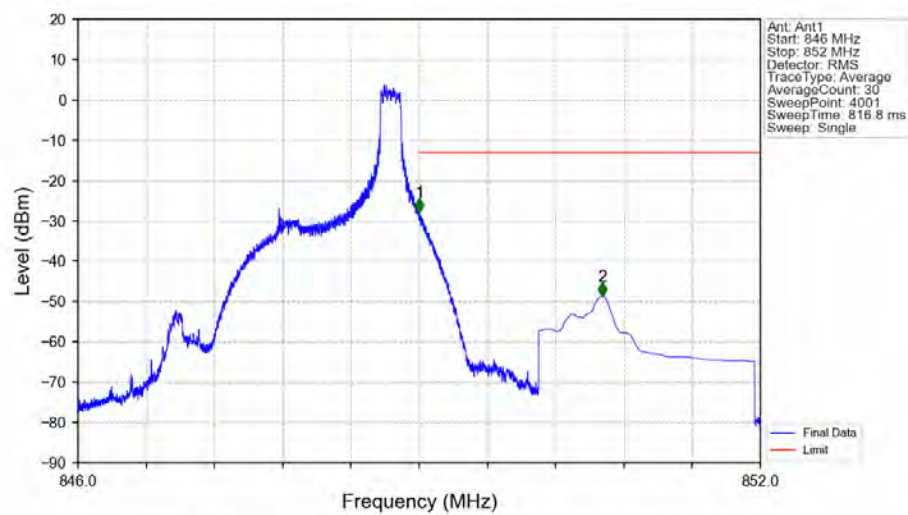
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_1_0_NTNV

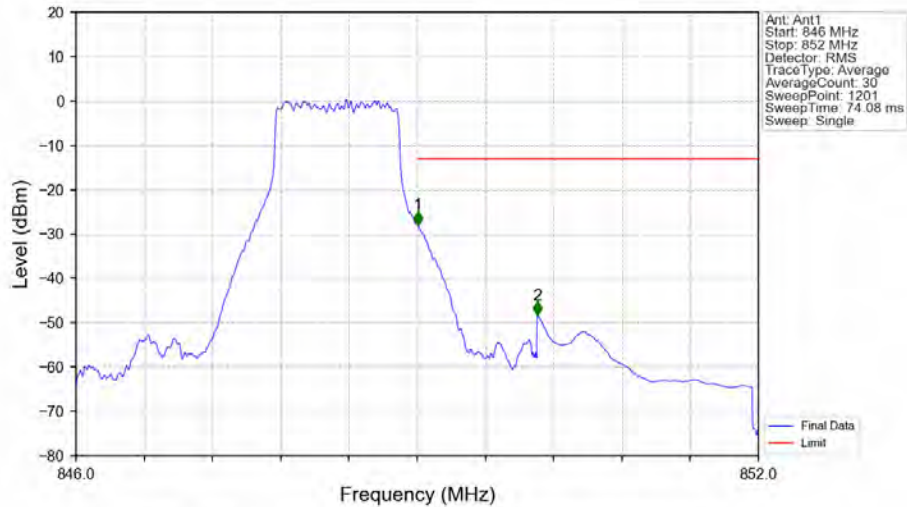


Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_1_5_NTNV



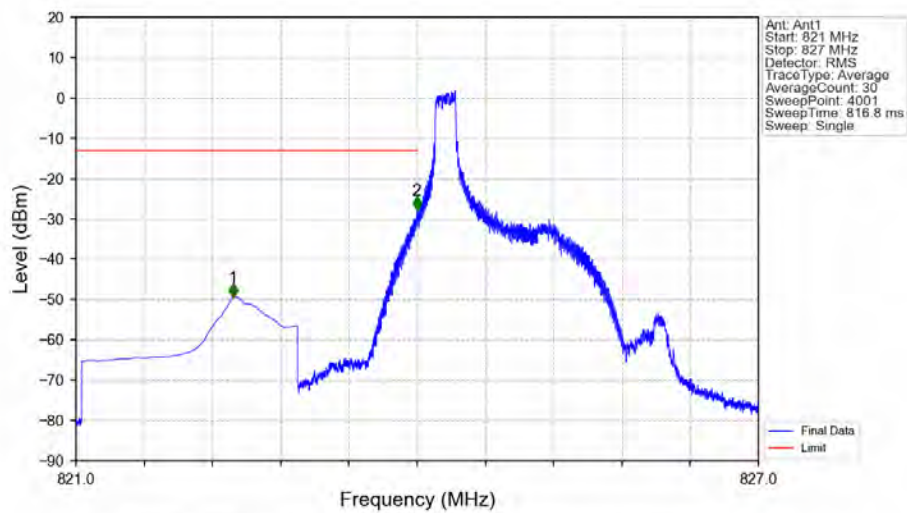
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.001	-27.80	-13	Pass
850	852	0.1	CHP	2	850.612	-48.68	-13	Pass

Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



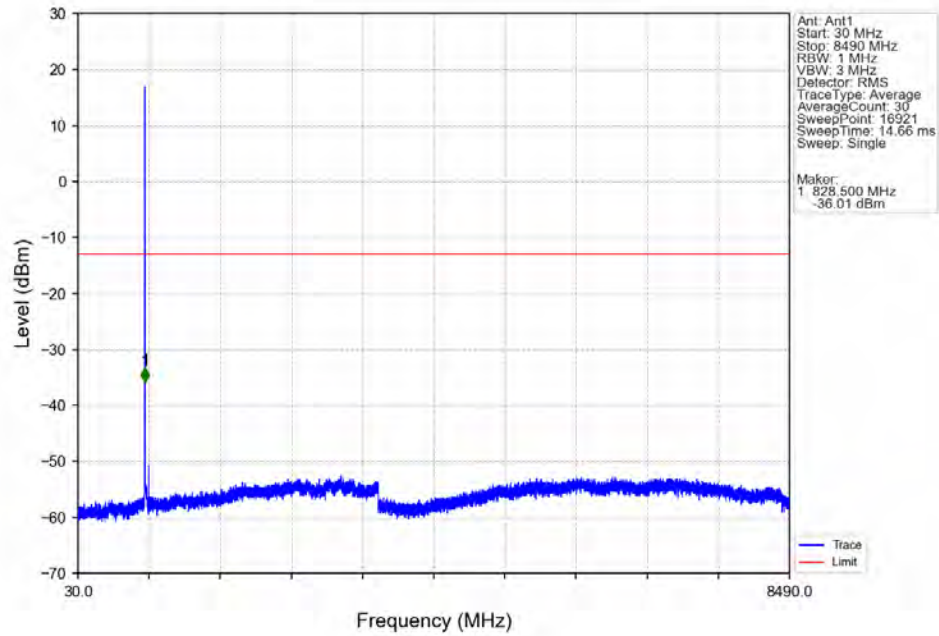
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.015	CHP	/	/	/	/	/
849	850	0.015	CHP	1	849.005	-27.94	-13	Pass
850	852	0.1	CHP	2	850.055	-48.22	-13	Pass

Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_1_0_NTNV

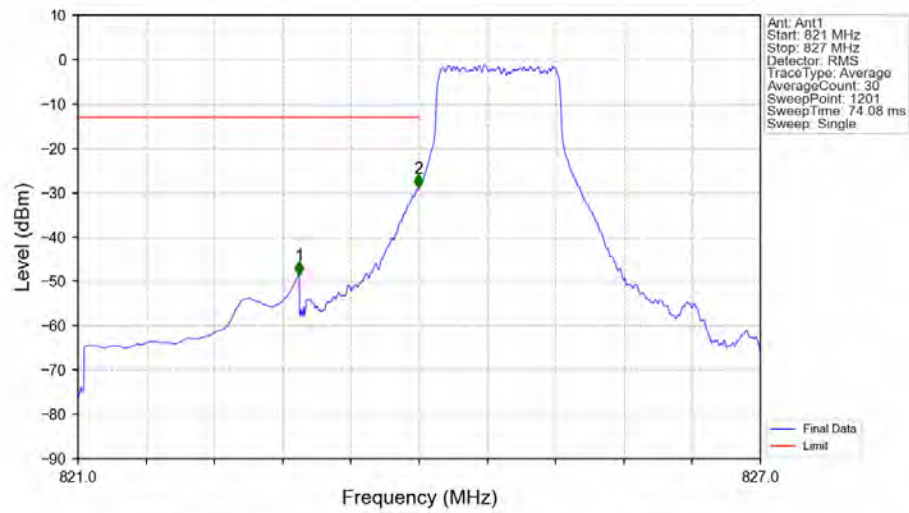


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.381	-49.46	-13	Pass
823	824	0.003	/	2	823.997	-27.79	-13	Pass
824	827	0.003	/	/	/	/	/	/

Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_1_0_NTNV

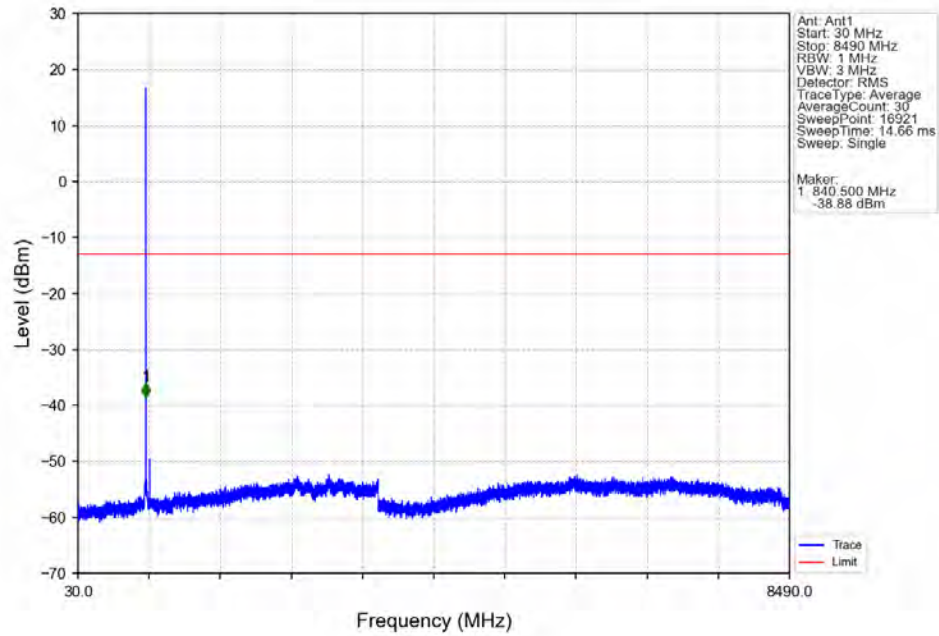


Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV

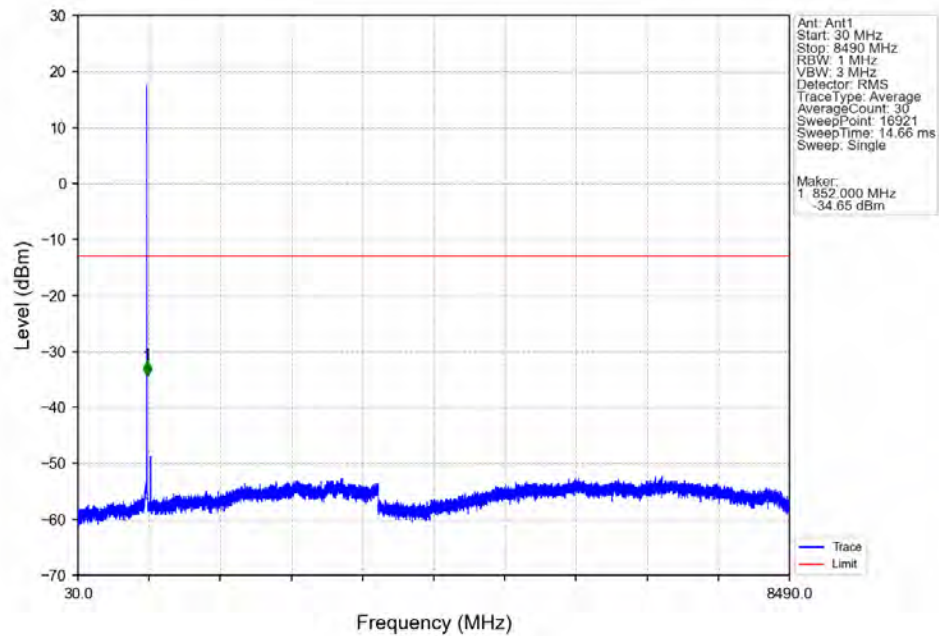


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.945	-48.54	-13	Pass
823	824	0.016	CHP	2	823.995	-29.00	-13	Pass
824	827	0.016	CHP	/	/	/	/	/

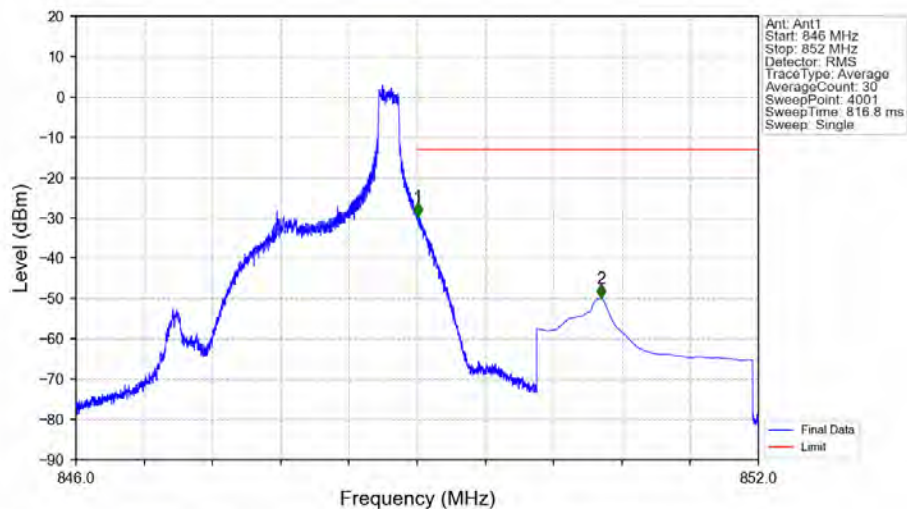
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_1_0_NTNV

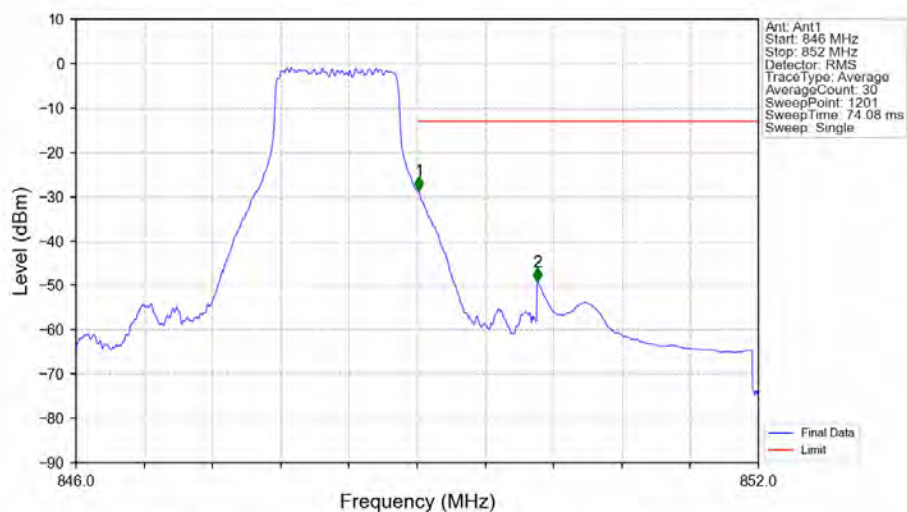


Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_1_5_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.008	-29.55	-13	Pass
850	852	0.1	CHP	2	850.615	-49.92	-13	Pass

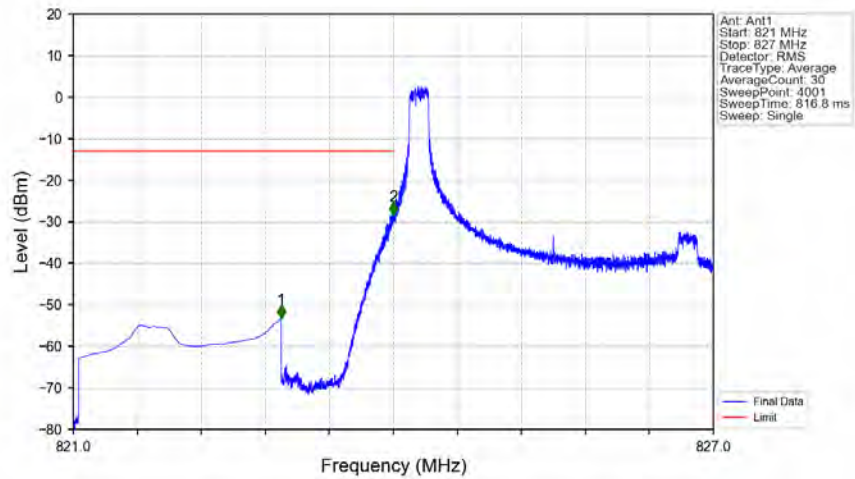
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.015	CHP	/	/	/	/	/
849	850	0.015	CHP	1	849.015	-28.56	-13	Pass
850	852	0.1	CHP	2	850.055	-49.13	-13	Pass

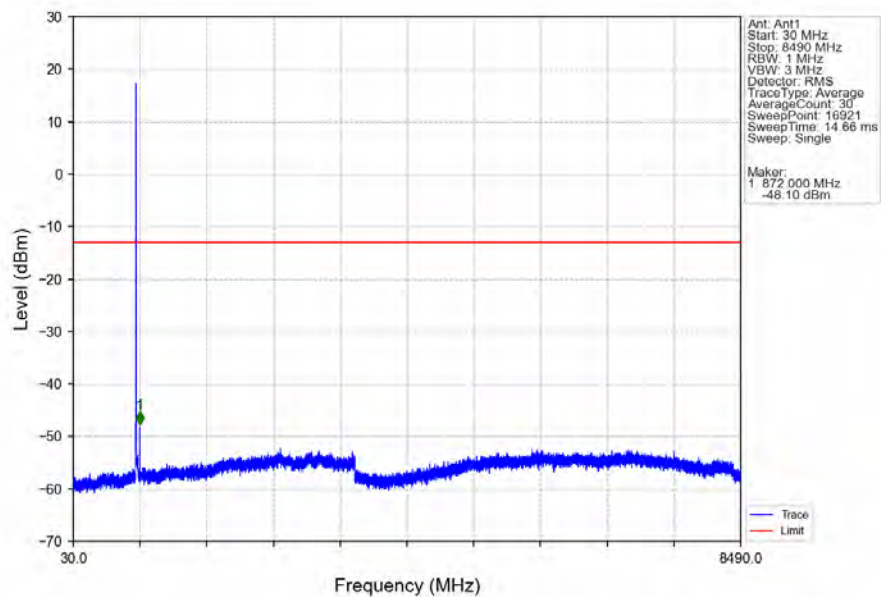
5.2.2 B5_3MHz

Band5_3MHz_QPSK_LCH_825.5MHz_RB_1_0_NTNV

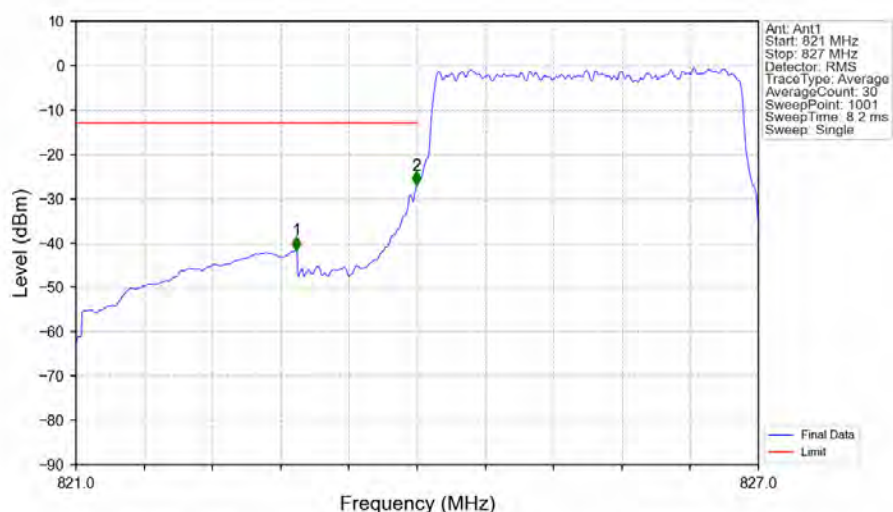


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.948	-53.16	-13	Pass
823	824	0.003	/	2	823.999	-28.31	-13	Pass
824	827	0.003	/	/	/	/	/	/

Band5_3MHz_QPSK_LCH_825.5MHz_RB_1_0_NTNV

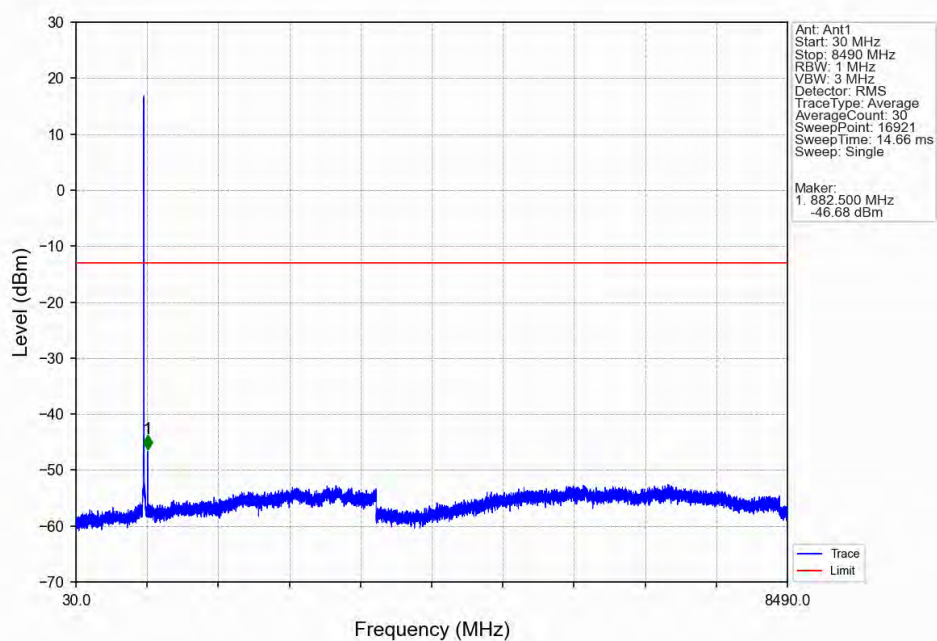


Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV

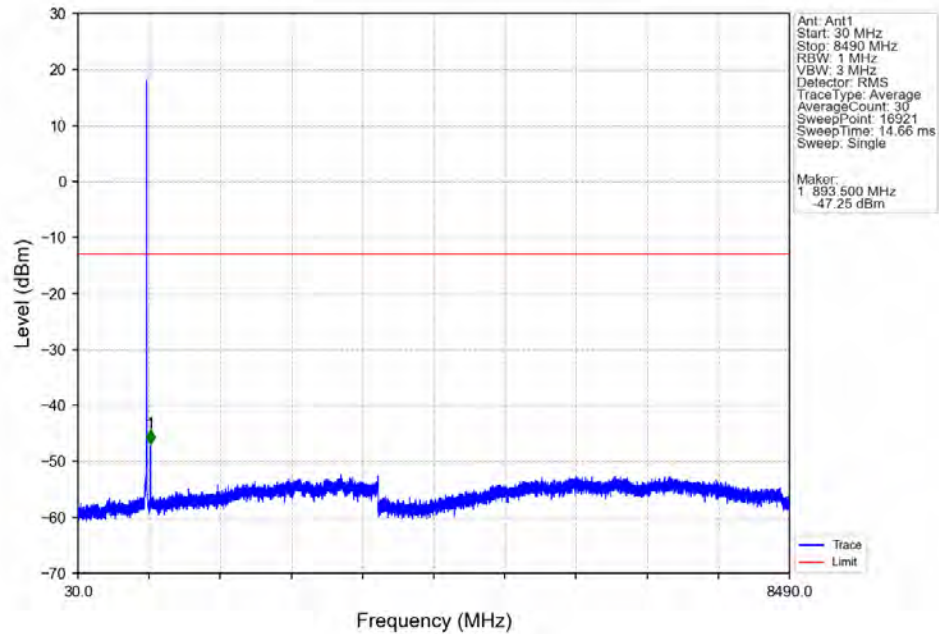


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.938	-41.58	-13	Pass
823	824	0.033	CHP	2	823.994	-26.98	-13	Pass
824	827	0.033	CHP	/	/	/	/	/

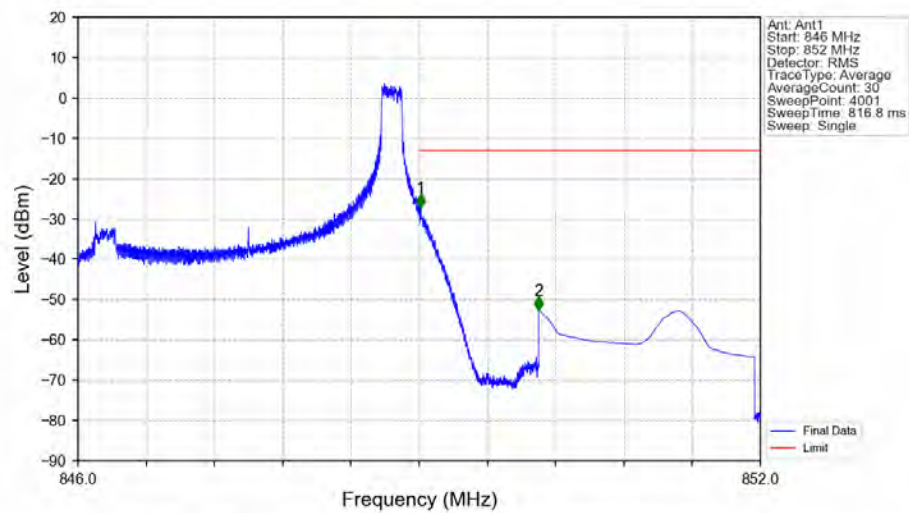
Band5_3MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_0_NTNV

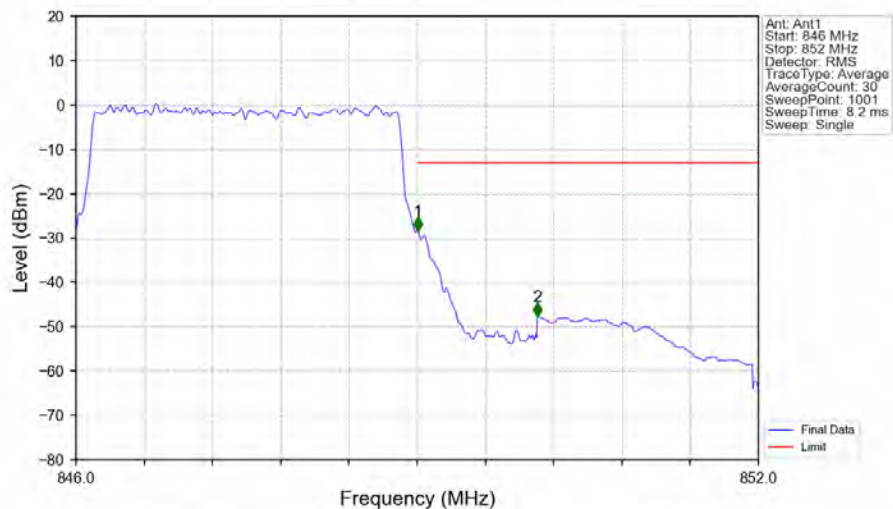


Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_14_NTNV



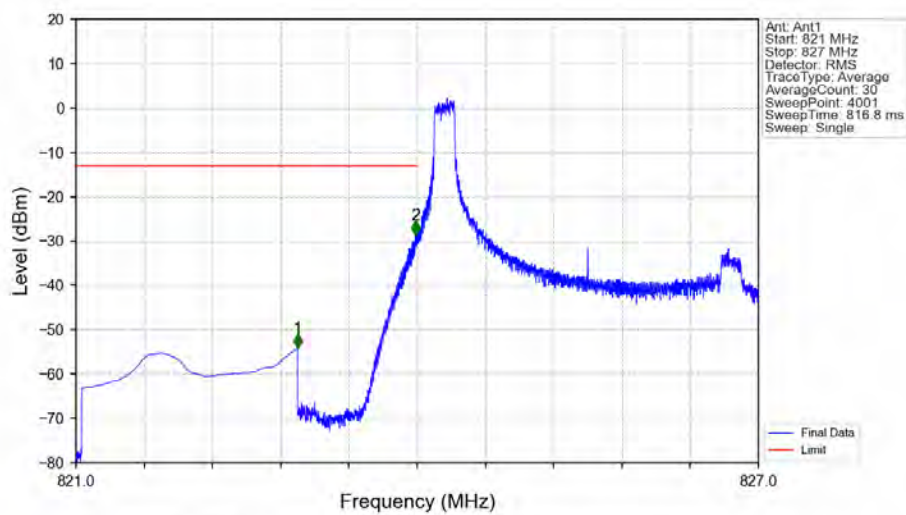
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.014	-27.26	-13	Pass
850	852	0.1	CHP	2	850.052	-52.59	-13	Pass

Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



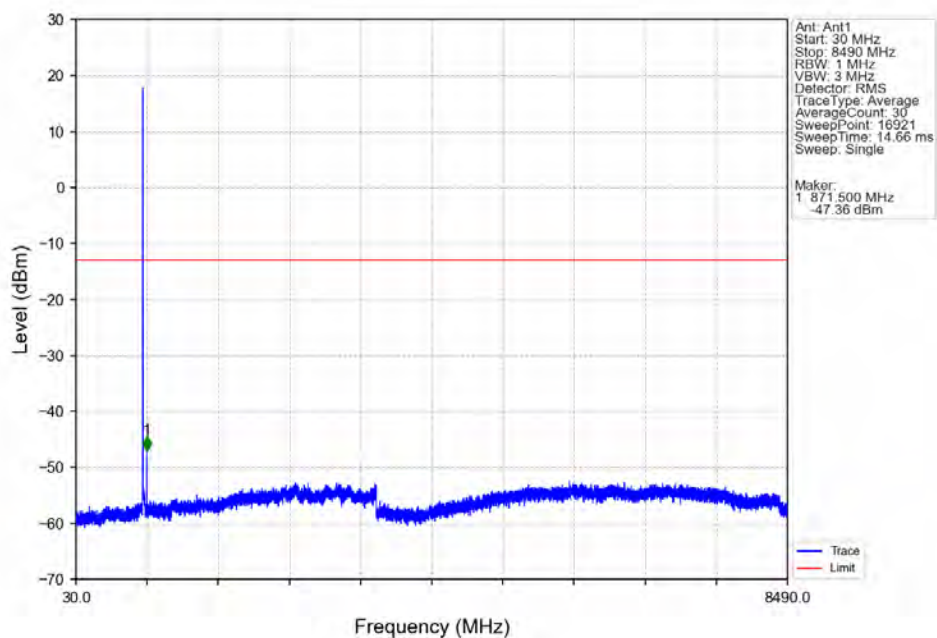
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.033	CHP	/	/	/	/	/
849	850	0.033	CHP	1	849.006	-28.47	-13	Pass
850	852	0.1	CHP	2	850.056	-47.73	-13	Pass

Band5_3MHz_16QAM_LCH_825.5MHz_RB_1_0_NTNV

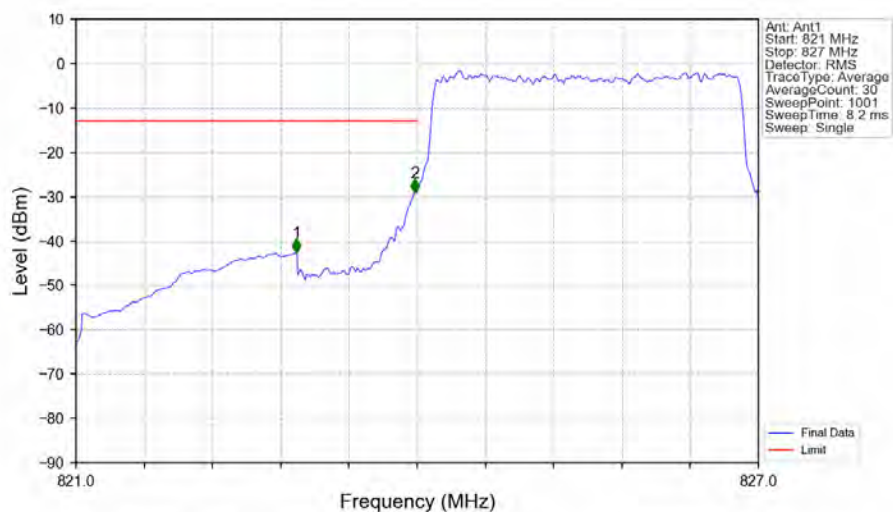


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.948	-54.10	-13	Pass
823	824	0.003	/	2	823.985	-28.59	-13	Pass
824	827	0.003	/	/	/	/	/	/

Band5_3MHz_16QAM_LCH_825.5MHz_RB_1_0_NTNV

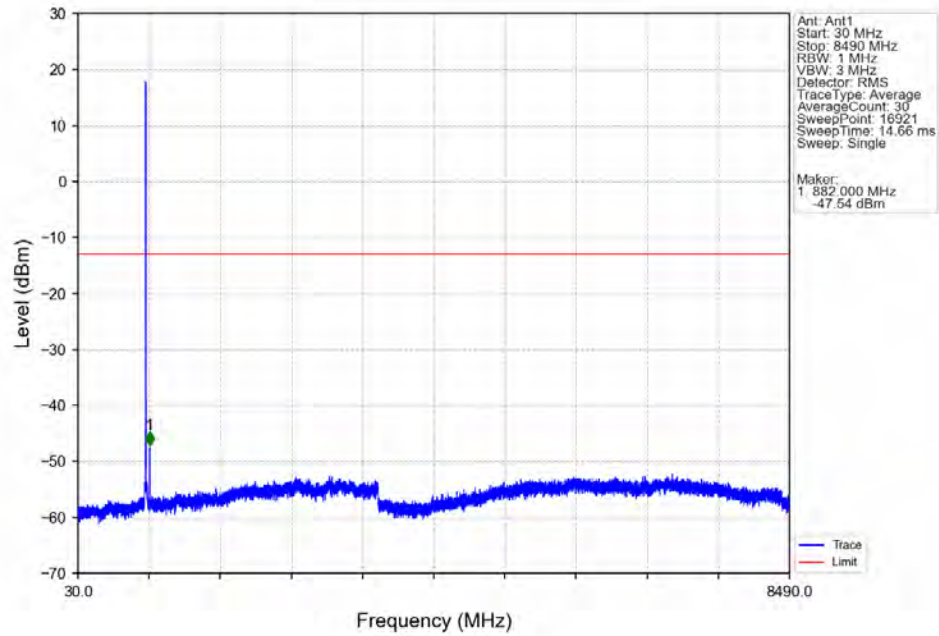


Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV

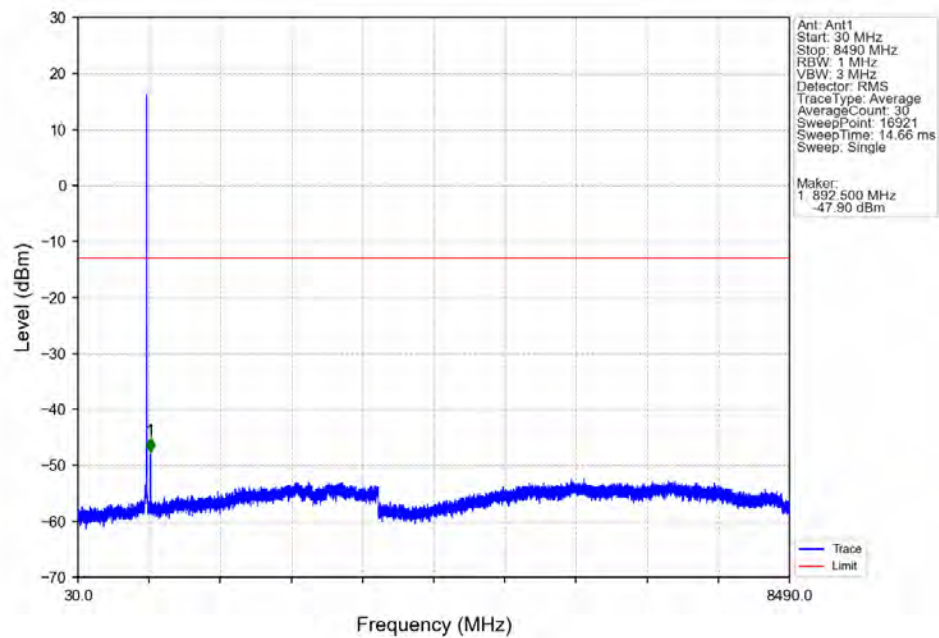


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.938	-42.63	-13	Pass
823	824	0.032	CHP	2	823.982	-29.03	-13	Pass
824	827	0.032	CHP	/	/	/	/	/

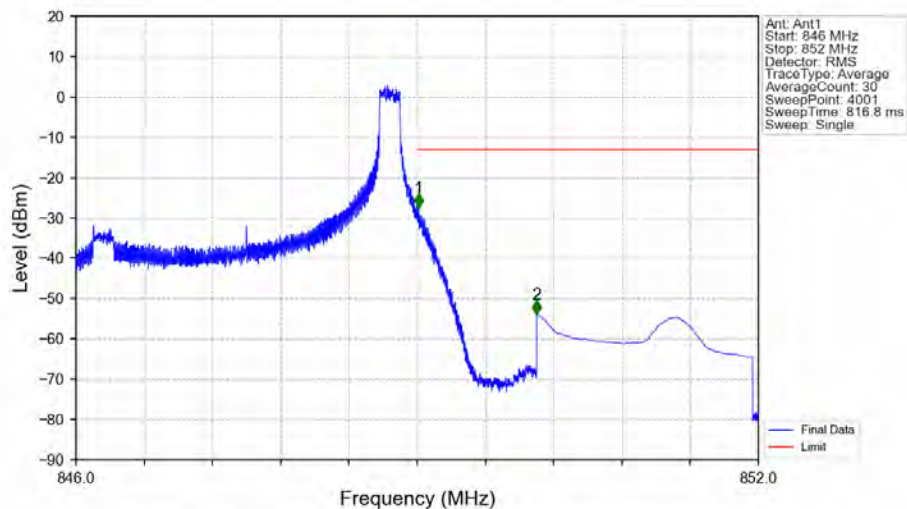
Band5_3MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



Band5_3MHz_16QAM_HCH_847.5MHz_RB_1_0_NTNV

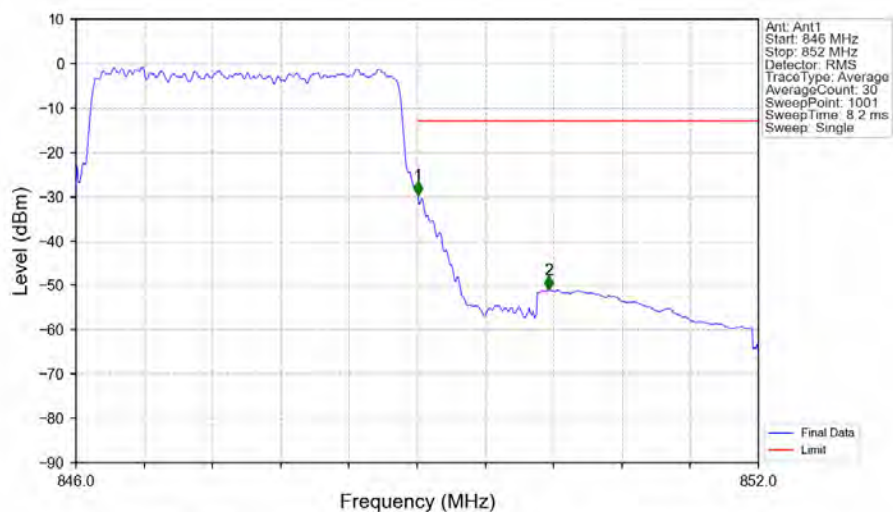


Band5_3MHz_16QAM_HCH_847.5MHz_RB_1_14_NTNV



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	-27.35	-13	Pass
850	852	0.1	CHP	2	850.052	-53.81	-13	Pass

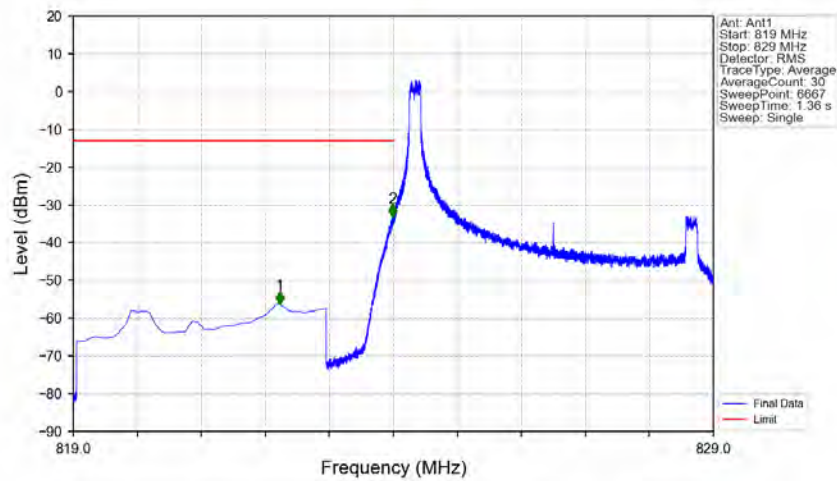
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.033	CHP	/	/	/	/	/
849	850	0.033	CHP	1	849.006	-29.62	-13	Pass
850	852	0.1	CHP	2	850.158	-51.03	-13	Pass

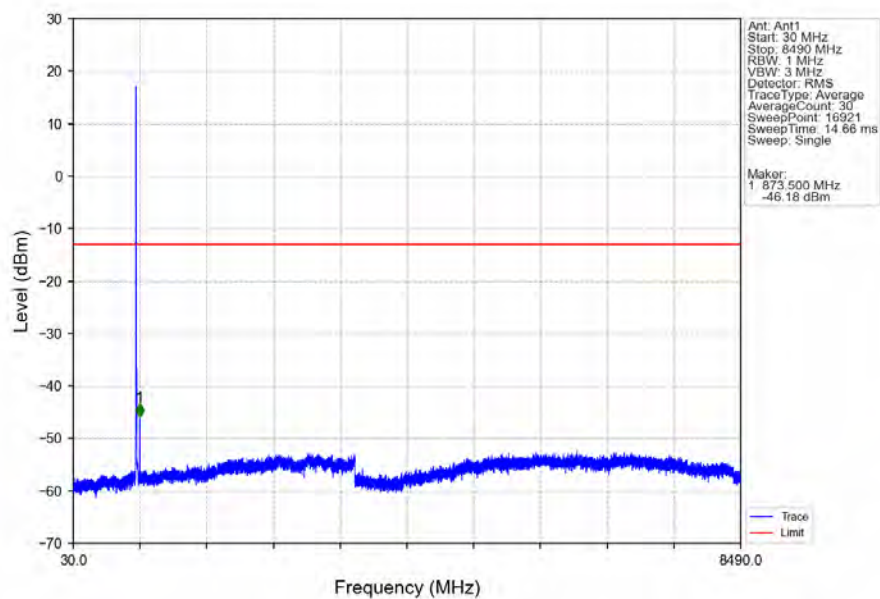
5.2.3 B5_5MHz

Band5_5MHz_QPSK_LCH_826.5MHz_RB_1_0_NTNV

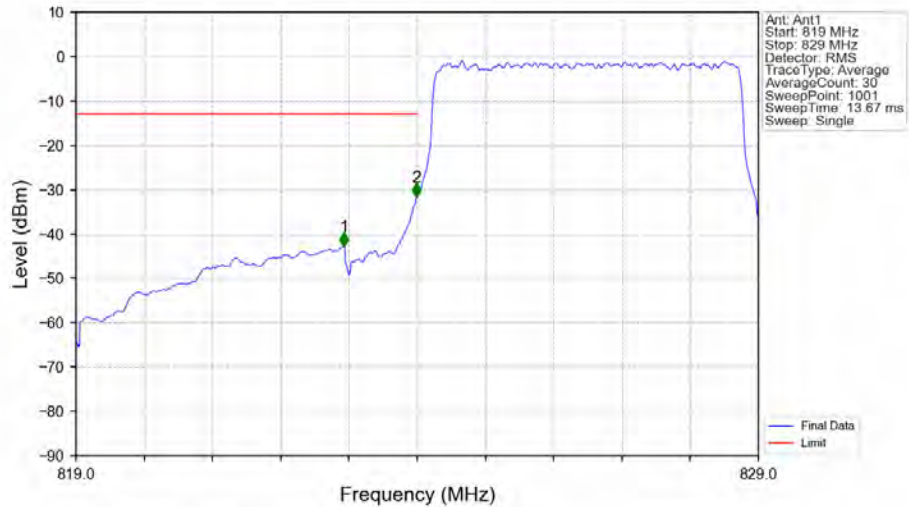


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.225	-56.22	-13	Pass
823	824	0.003	/	2	823.988	-33.16	-13	Pass
824	829	0.003	/	/	/	/	/	/

Band5_5MHz_QPSK_LCH_826.5MHz_RB_1_0_NTNV

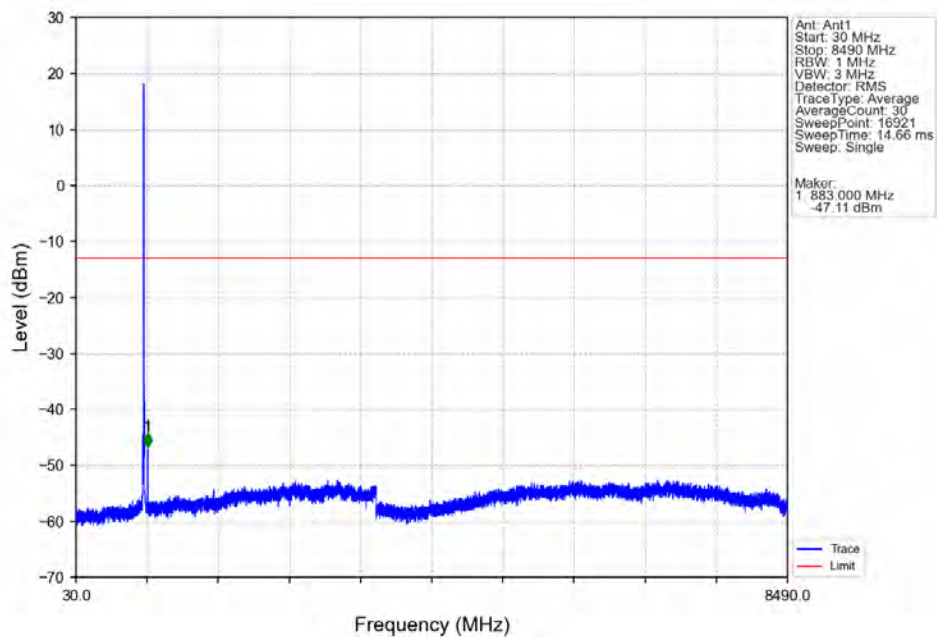


Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV

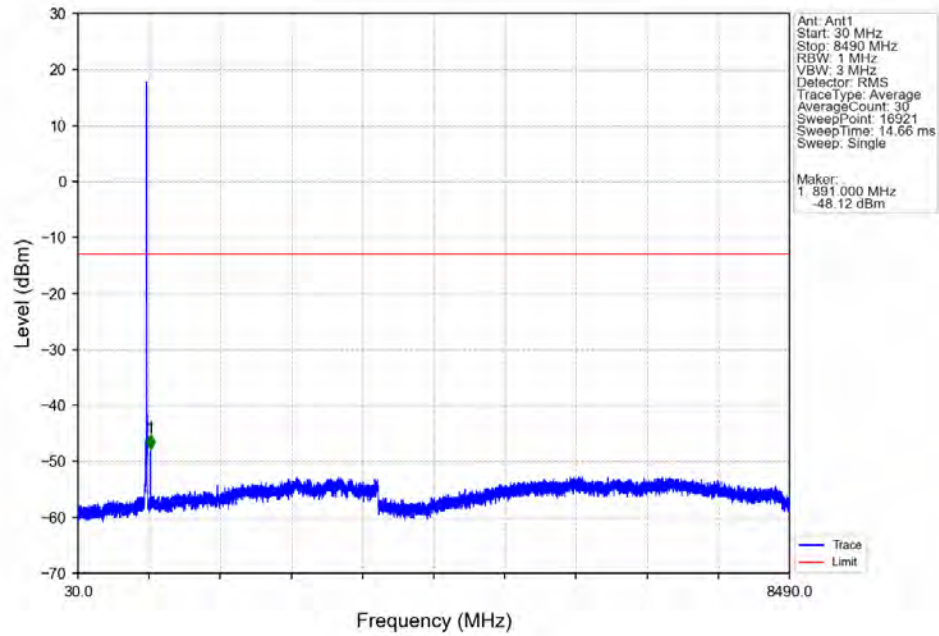


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.930	-42.85	-13	Pass
823	824	0.052	CHP	2	823.990	-31.59	-13	Pass
824	829	0.052	CHP	/	/	/	/	/

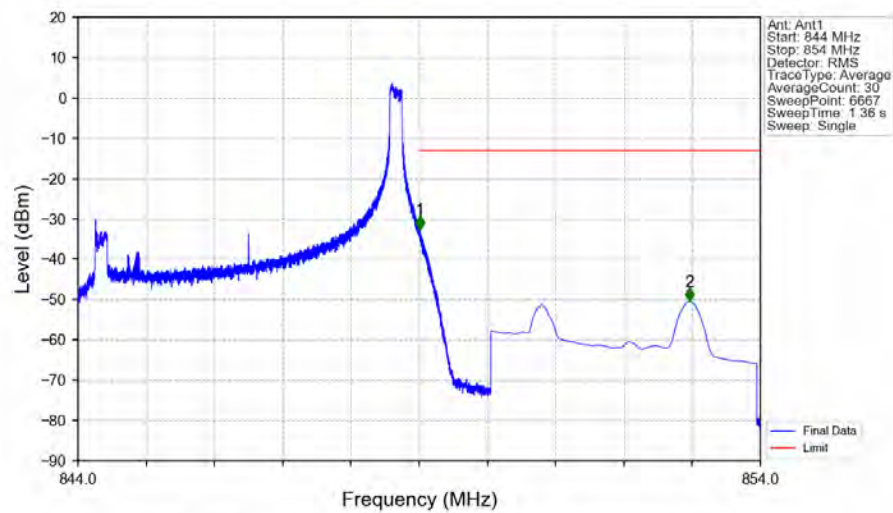
Band5_5MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_0_NTNV

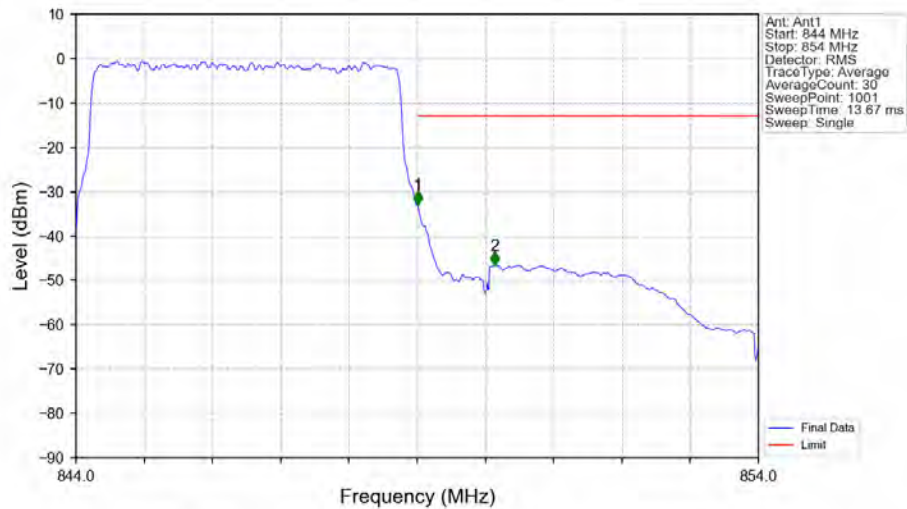


Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_24_NTNV



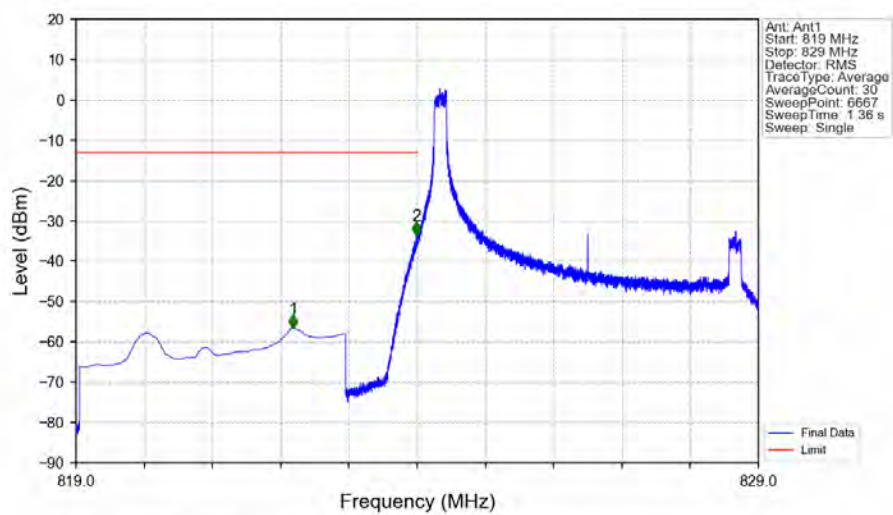
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.011	-32.69	-13	Pass
850	854	0.1	CHP	2	852.957	-50.50	-13	Pass

Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



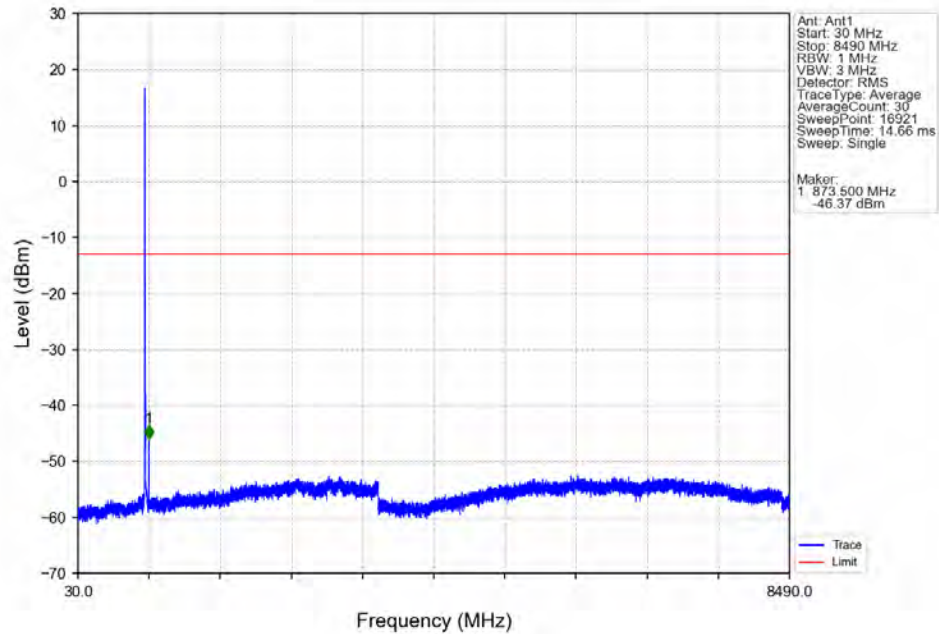
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.051	CHP	/	/	/	/	/
849	850	0.051	CHP	1	849.010	-32.98	-13	Pass
850	854	0.1	CHP	2	850.140	-46.52	-13	Pass

Band5_5MHz_16QAM_LCH_826.5MHz_RB_1_0_NTNV

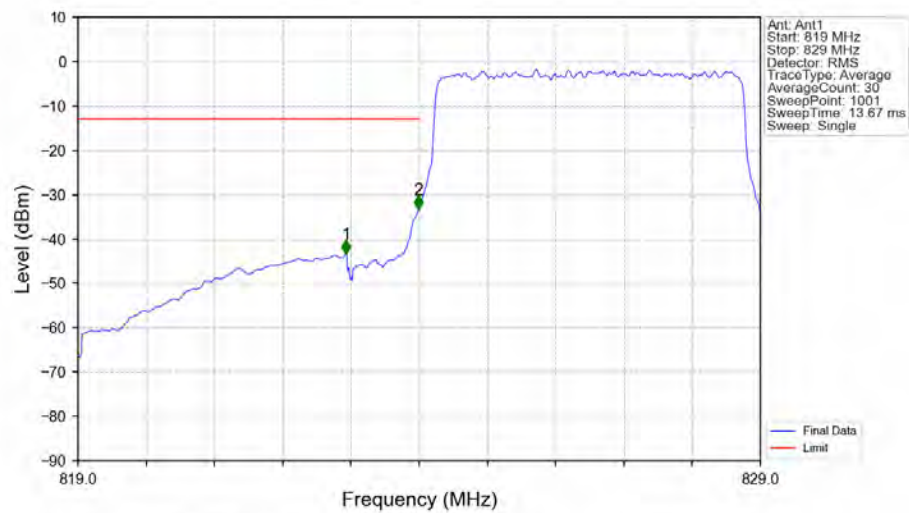


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.183	-56.59	-13	Pass
823	824	0.003	/	2	823.988	-33.57	-13	Pass
824	829	0.003	/	/	/	/	/	/

Band5_5MHz_16QAM_LCH_826.5MHz_RB_1_0_NTNV

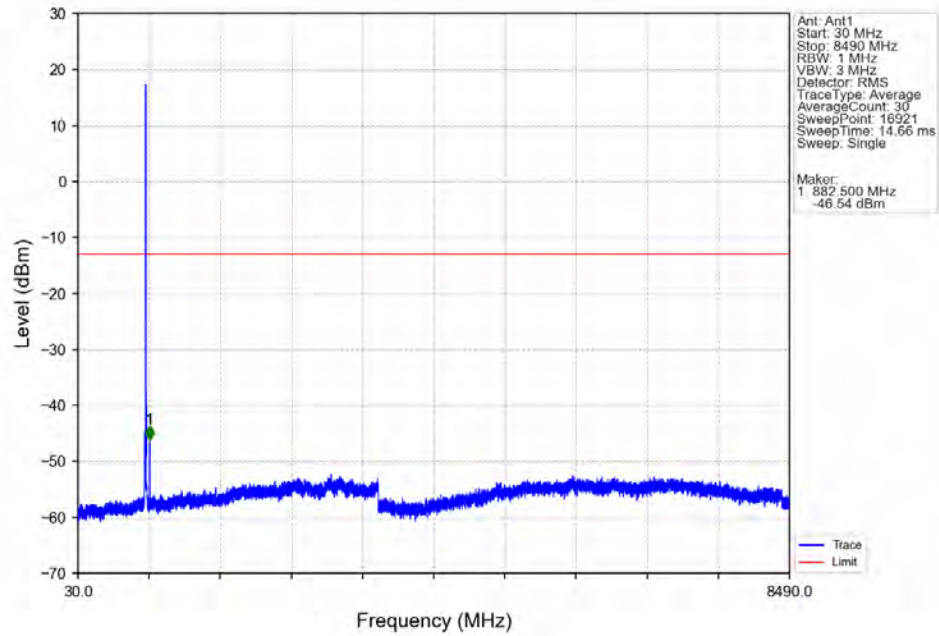


Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV

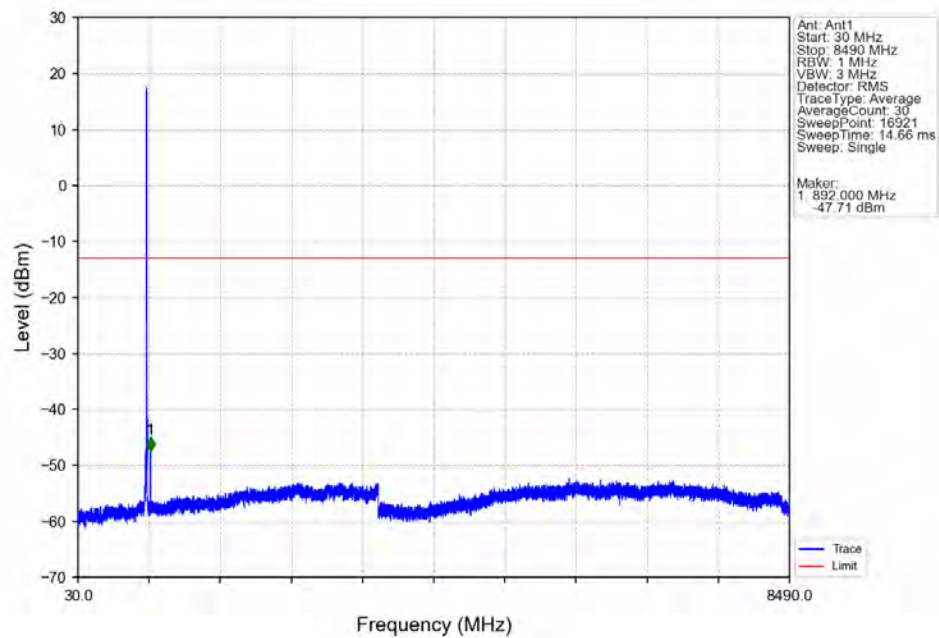


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.930	-43.25	-13	Pass
823	824	0.052	CHP	2	823.990	-33.29	-13	Pass
824	829	0.052	CHP	/	/	/	/	/

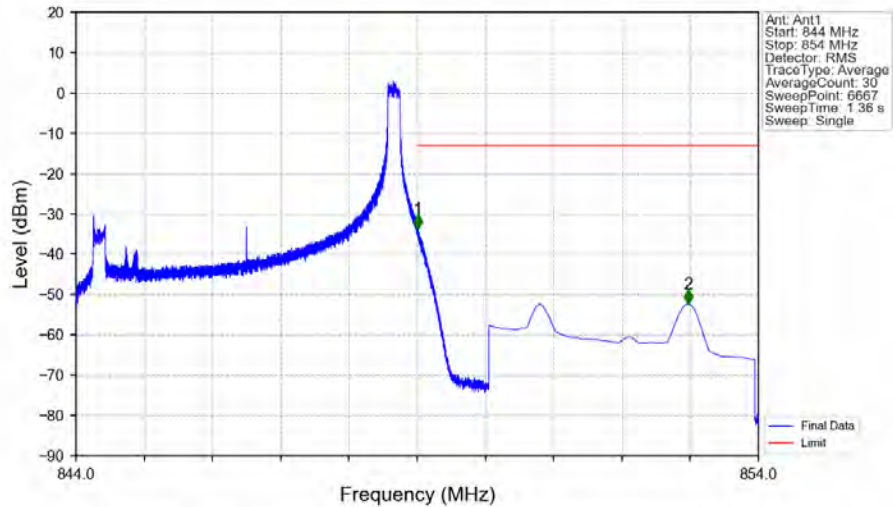
Band5_5MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



Band5_5MHz_16QAM_HCH_846.5MHz_RB_1_0_NTNV

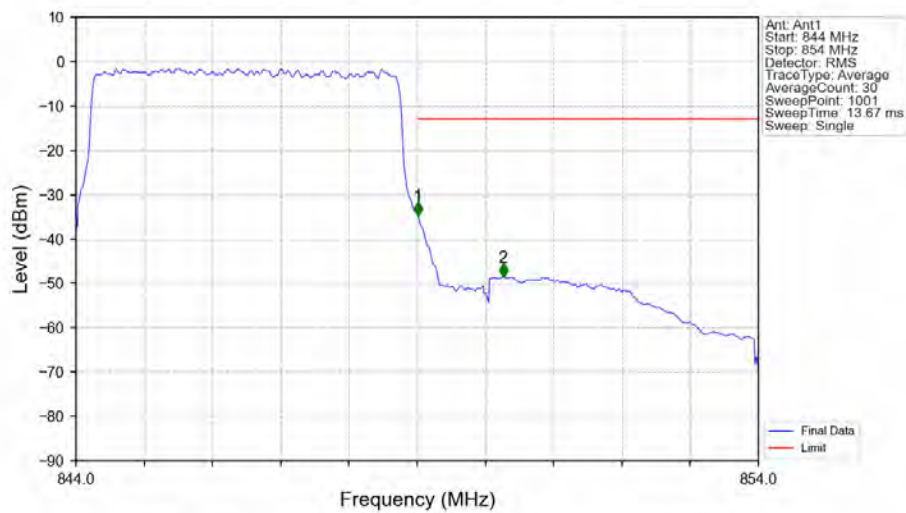


Band5_5MHz_16QAM_HCH_846.5MHz_RB_1_24_NTNV



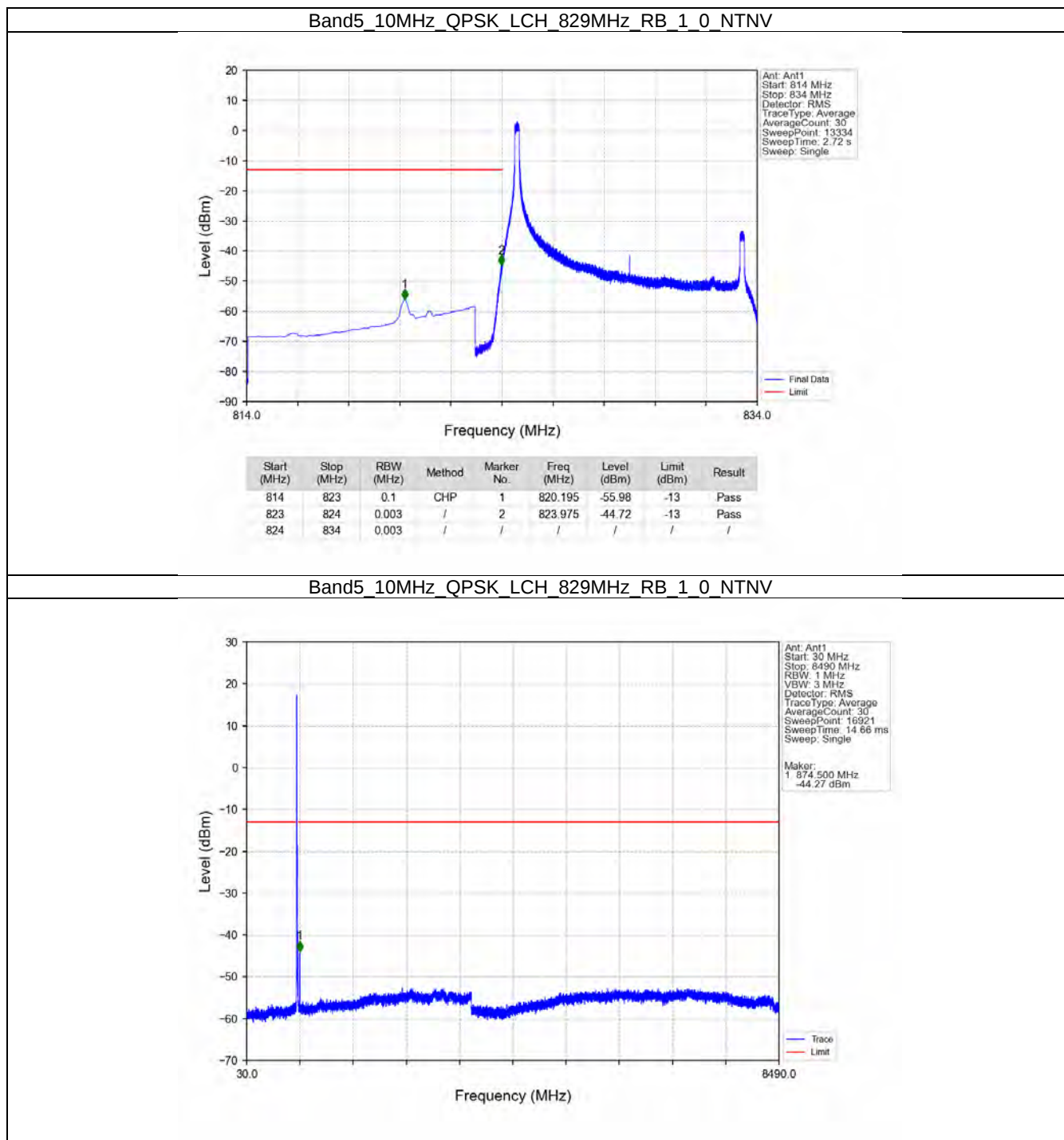
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.012	-33.72	-13	Pass
850	854	0.1	CHP	2	852.974	-52.20	-13	Pass

Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV

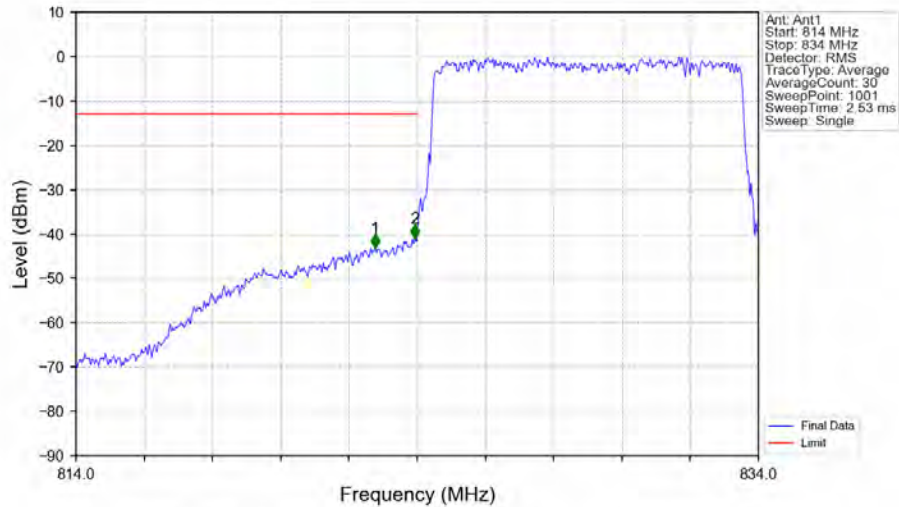


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.052	CHP	/	/	/	/	/
849	850	0.052	CHP	1	849.010	-34.67	-13	Pass
850	854	0.1	CHP	2	850.260	-48.55	-13	Pass

5.2.4 B5_10MHz

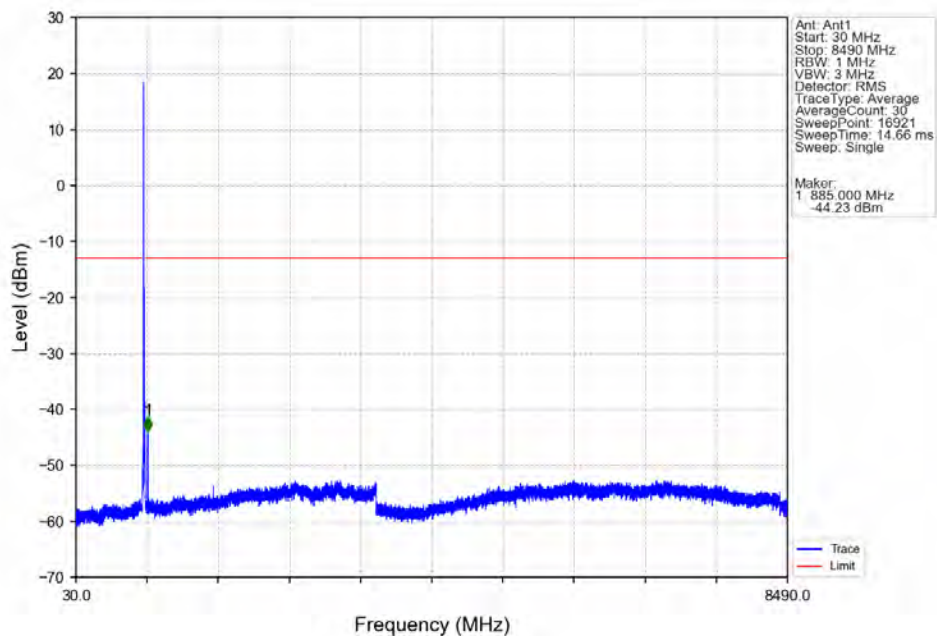


Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV

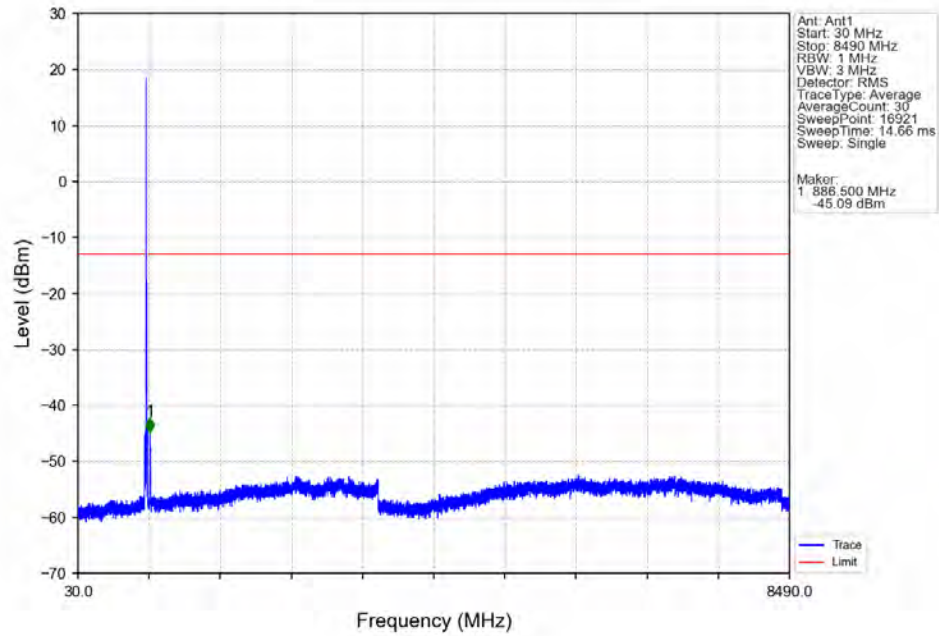


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	823	0.1	/	1	822.760	-43.05	-13	Pass
823	824	0.1	/	2	823.940	-40.88	-13	Pass
824	834	0.1	/	/	/	/	/	/

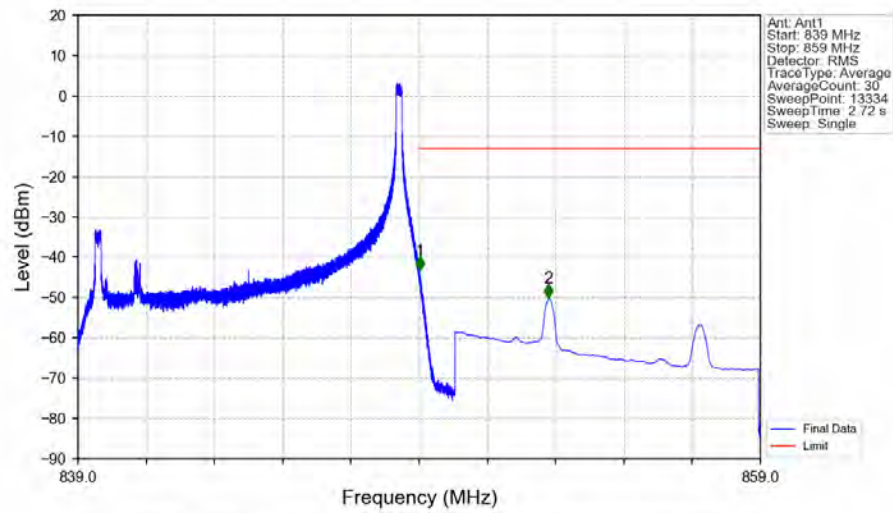
Band5_10MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5_10MHz_QPSK_HCH_844MHz_RB_1_0_NTNV

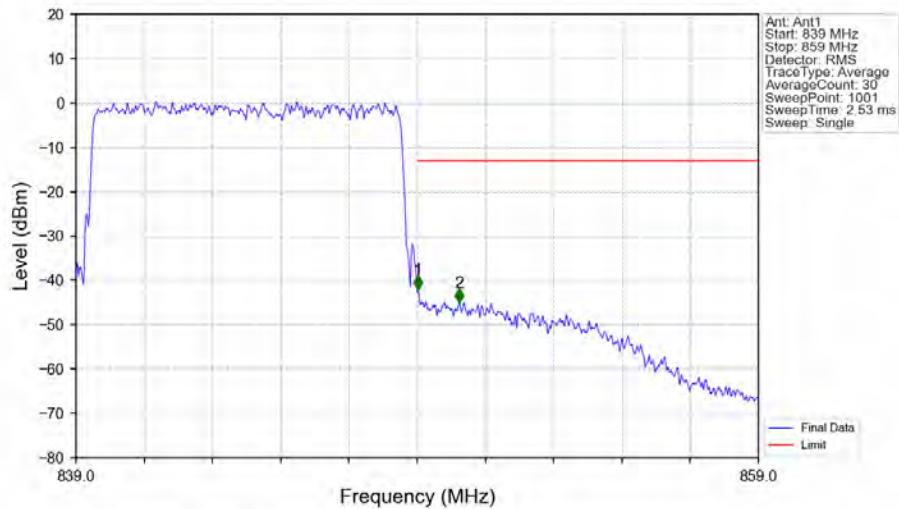


Band5_10MHz_QPSK_HCH_844MHz_RB_1_49_NTNV



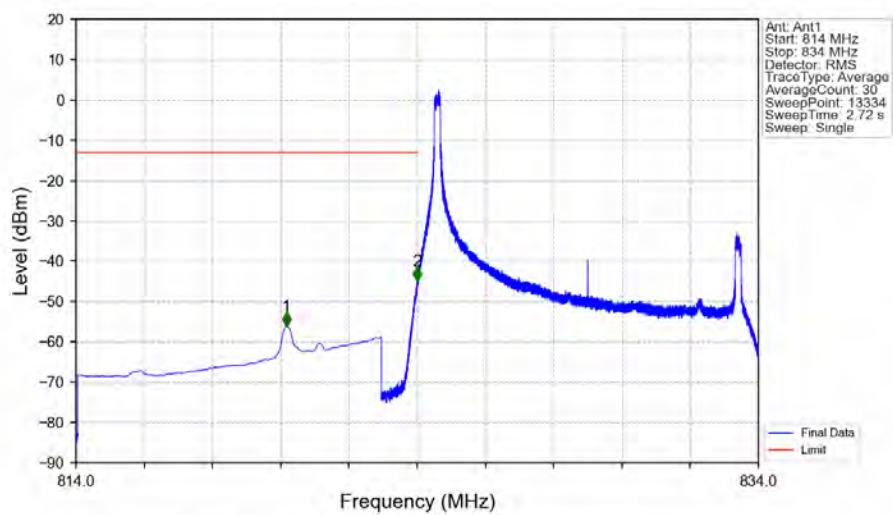
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
839	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.016	-43.30	-13	Pass
850	859	0.1	CHP	2	852.793	-50.14	-13	Pass

Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



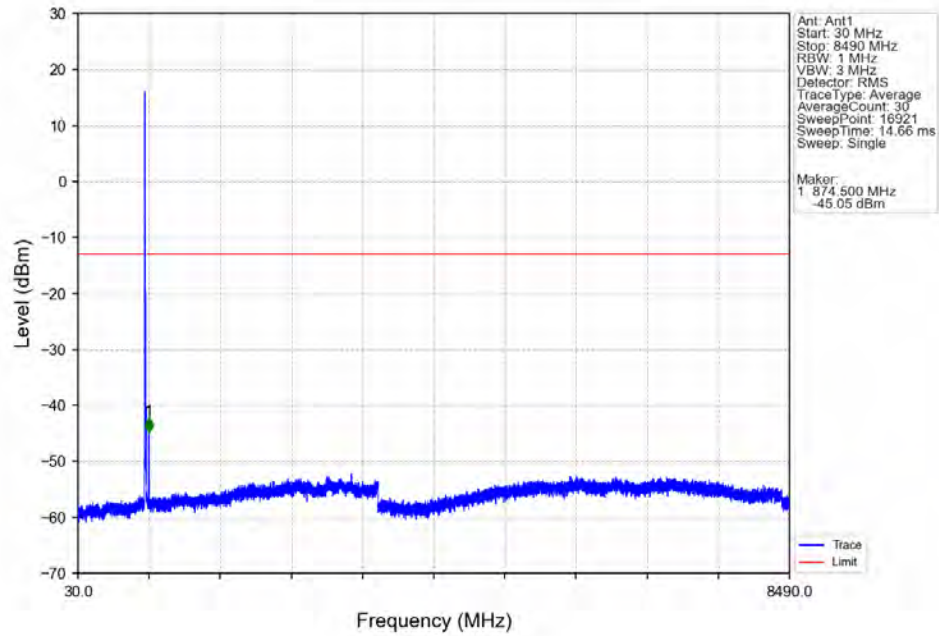
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
839	849	0.1	/	/	/	/	/	/
849	850	0.1	/	1	849.020	-42.06	-13	Pass
850	859	0.1	/	2	850.240	-44.97	-13	Pass

Band5_10MHz_16QAM_LCH_829MHz_RB_1_0_NTNV

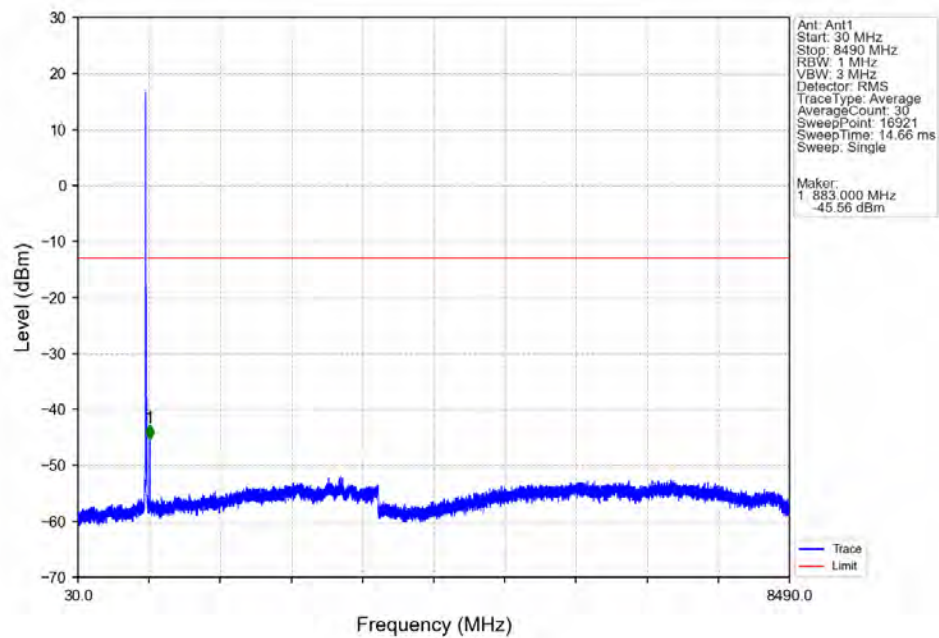


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	823	0.1	CHP	1	820.161	-56.01	-13	Pass
823	824	0.003	/	2	823.998	-44.95	-13	Pass
824	834	0.003	/	/	/	/	/	/

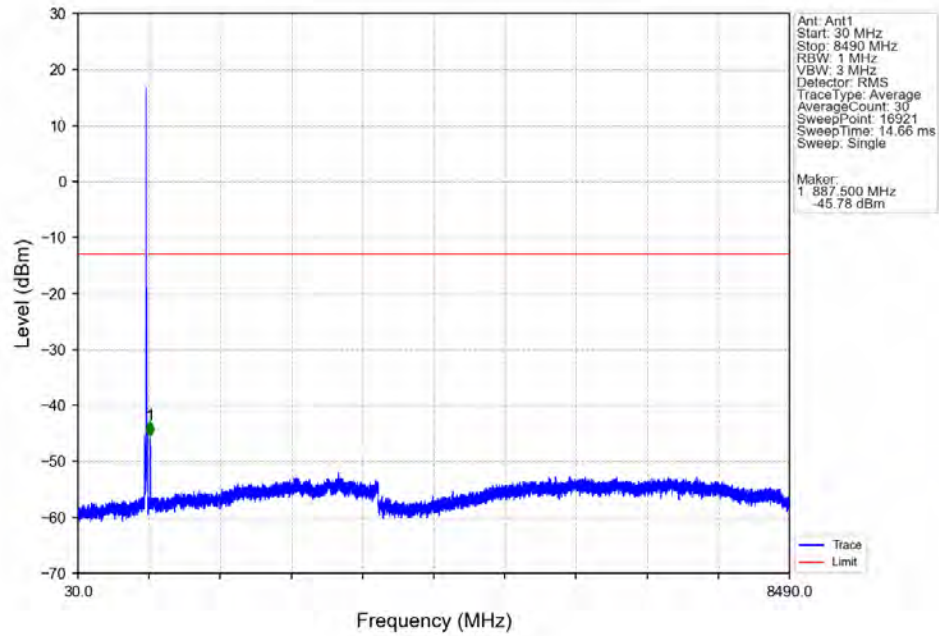
Band5_10MHz_16QAM_LCH_829MHz_RB_1_0_NTNV



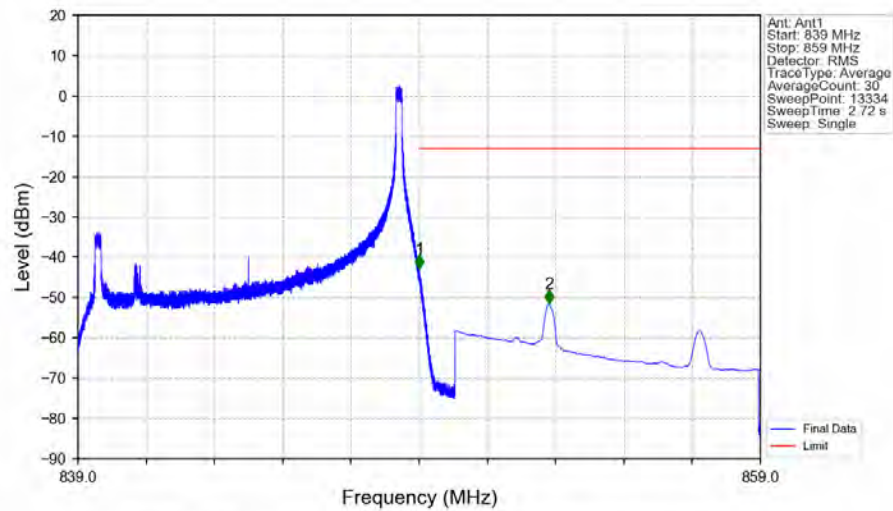
Band5_10MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_1_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_1_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	849.002	-42.78	-13	Pass
850	859	0.1	CHP	2	852.802	-51.47	-13	Pass

6. Frequency Stability (IC)

6.1 Test Result

6.1.1 B5_1.4MHz

Band: 5 / Bandwidth: 1.4MHz / NTNV									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	OBW (FL - FH) (MHz)		Limit	Verdict
		Size	Offset			FL	FH		
QPSK	824.7	6	0	20	3.145	824.135	825.263	824 to 849	Pass
					3.7	824.136	825.265	824 to 849	Pass
					4.255	824.136	825.267	824 to 849	Pass
				-30	3.7	824.139	825.261	824 to 849	Pass
				-20	3.7	824.134	825.266	824 to 849	Pass
				-10	3.7	824.135	825.266	824 to 849	Pass
				0	3.7	824.136	825.263	824 to 849	Pass
				10	3.7	824.134	825.261	824 to 849	Pass
				30	3.7	824.134	825.266	824 to 849	Pass
				40	3.7	824.140	825.265	824 to 849	Pass
				50	3.7	824.135	825.266	824 to 849	Pass
	836.5	6	0	20	3.145	835.935	837.059	824 to 849	Pass
					3.7	835.941	837.061	824 to 849	Pass
					4.255	835.935	837.065	824 to 849	Pass
				-30	3.7	835.936	837.065	824 to 849	Pass
				-20	3.7	835.936	837.062	824 to 849	Pass
				-10	3.7	835.941	837.064	824 to 849	Pass
				0	3.7	835.933	837.062	824 to 849	Pass
				10	3.7	835.934	837.066	824 to 849	Pass
				30	3.7	835.934	837.062	824 to 849	Pass
				40	3.7	835.934	837.062	824 to 849	Pass
				50	3.7	835.933	837.059	824 to 849	Pass
	848.3	6	0	20	3.145	847.739	848.863	824 to 849	Pass
					3.7	847.735	848.868	824 to 849	Pass
					4.255	847.738	848.867	824 to 849	Pass
				-30	3.7	847.737	848.865	824 to 849	Pass
				-20	3.7	847.739	848.862	824 to 849	Pass
				-10	3.7	847.735	848.859	824 to 849	Pass
				0	3.7	847.735	848.863	824 to 849	Pass
				10	3.7	847.736	848.867	824 to 849	Pass
				30	3.7	847.734	848.867	824 to 849	Pass
				40	3.7	847.737	848.866	824 to 849	Pass
				50	3.7	847.738	848.867	824 to 849	Pass
16QAM	824.7	6	0	20	3.145	824.138	825.260	824 to 849	Pass
					3.7	824.138	825.261	824 to 849	Pass
					4.255	824.141	825.263	824 to 849	Pass
				-30	3.7	824.138	825.264	824 to 849	Pass
				-20	3.7	824.140	825.262	824 to 849	Pass
				-10	3.7	824.141	825.262	824 to 849	Pass
				0	3.7	824.140	825.260	824 to 849	Pass
				10	3.7	824.138	825.262	824 to 849	Pass
				30	3.7	824.141	825.261	824 to 849	Pass
				40	3.7	824.137	825.261	824 to 849	Pass

	836.5	6	0	50	3.7	824.140	825.258	824 to 849	Pass
				20	3.145	835.938	837.059	824 to 849	Pass
					3.7	835.938	837.059	824 to 849	Pass
					4.255	835.940	837.063	824 to 849	Pass
				-30	3.7	835.938	837.059	824 to 849	Pass
				-20	3.7	835.940	837.063	824 to 849	Pass
				-10	3.7	835.940	837.060	824 to 849	Pass
				0	3.7	835.938	837.059	824 to 849	Pass
				10	3.7	835.940	837.062	824 to 849	Pass
				30	3.7	835.936	837.061	824 to 849	Pass
	848.3	6	0	40	3.7	835.942	837.061	824 to 849	Pass
				50	3.7	835.938	837.062	824 to 849	Pass
				20	3.145	847.732	848.874	824 to 849	Pass
					3.7	847.729	848.870	824 to 849	Pass
					4.255	847.728	848.871	824 to 849	Pass
				-30	3.7	847.724	848.870	824 to 849	Pass
				-20	3.7	847.728	848.869	824 to 849	Pass
				-10	3.7	847.722	848.867	824 to 849	Pass
				0	3.7	847.727	848.864	824 to 849	Pass
				10	3.7	847.728	848.872	824 to 849	Pass
				30	3.7	847.726	848.868	824 to 849	Pass
				40	3.7	847.727	848.862	824 to 849	Pass
				50	3.7	847.724	848.867	824 to 849	Pass

6.1.2 B5_3MHz

Band: 5 / Bandwidth: 3MHz / NTN									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	OBW (FL - FH) (MHz)		Limit	Verdict
		Size	Offset			FL	FH		
QPSK	825.5	15	0	20	3.145	824.133	826.876	824 to 849	Pass
					3.7	824.124	826.885	824 to 849	Pass
					4.255	824.132	826.874	824 to 849	Pass
				-30	3.7	824.123	826.894	824 to 849	Pass
				-20	3.7	824.120	826.879	824 to 849	Pass
				-10	3.7	824.128	826.884	824 to 849	Pass
				0	3.7	824.135	826.883	824 to 849	Pass
				10	3.7	824.122	826.900	824 to 849	Pass
				30	3.7	824.127	826.883	824 to 849	Pass
				40	3.7	824.127	826.878	824 to 849	Pass
	836.5	15	0	50	3.7	824.133	826.877	824 to 849	Pass
				20	3.145	835.129	837.894	824 to 849	Pass
					3.7	835.130	837.886	824 to 849	Pass
					4.255	835.130	837.878	824 to 849	Pass
				-30	3.7	835.128	837.889	824 to 849	Pass
				-20	3.7	835.130	837.877	824 to 849	Pass
				-10	3.7	835.140	837.888	824 to 849	Pass
				0	3.7	835.134	837.888	824 to 849	Pass
				10	3.7	835.129	837.887	824 to 849	Pass
				30	3.7	835.128	837.875	824 to 849	Pass
	847.5	15	0	40	3.7	835.133	837.887	824 to 849	Pass
				50	3.7	835.137	837.886	824 to 849	Pass
				20	3.145	846.129	848.876	824 to 849	Pass
					3.7	846.127	848.885	824 to 849	Pass
					4.255	846.122	848.884	824 to 849	Pass

16QAM	825.5	15	0	-30	3.7	846.122	848.883	824 to 849	Pass
				-20	3.7	846.123	848.886	824 to 849	Pass
				-10	3.7	846.125	848.885	824 to 849	Pass
				0	3.7	846.129	848.884	824 to 849	Pass
				10	3.7	846.124	848.884	824 to 849	Pass
				30	3.7	846.122	848.884	824 to 849	Pass
				40	3.7	846.126	848.893	824 to 849	Pass
				50	3.7	846.127	848.884	824 to 849	Pass
	836.5	15	0	20	3.145	824.132	826.889	824 to 849	Pass
					3.7	824.122	826.882	824 to 849	Pass
					4.255	824.129	826.902	824 to 849	Pass
				-30	3.7	824.132	826.874	824 to 849	Pass
				-20	3.7	824.132	826.902	824 to 849	Pass
				-10	3.7	824.128	826.875	824 to 849	Pass
				0	3.7	824.123	826.877	824 to 849	Pass
				10	3.7	824.126	826.877	824 to 849	Pass
				30	3.7	824.130	826.874	824 to 849	Pass
				40	3.7	824.125	826.885	824 to 849	Pass
				50	3.7	824.118	826.885	824 to 849	Pass
				20	3.145	835.139	837.885	824 to 849	Pass
					3.7	835.132	837.879	824 to 849	Pass
					4.255	835.139	837.878	824 to 849	Pass
				-30	3.7	835.133	837.884	824 to 849	Pass
				-20	3.7	835.140	837.883	824 to 849	Pass
				-10	3.7	835.135	837.876	824 to 849	Pass
				0	3.7	835.135	837.887	824 to 849	Pass
				10	3.7	835.128	837.886	824 to 849	Pass
				30	3.7	835.134	837.886	824 to 849	Pass
				40	3.7	835.133	837.879	824 to 849	Pass
				50	3.7	835.135	837.885	824 to 849	Pass
	847.5	15	0	20	3.145	846.107	848.876	824 to 849	Pass
					3.7	846.115	848.876	824 to 849	Pass
					4.255	846.115	848.875	824 to 849	Pass
				-30	3.7	846.125	848.879	824 to 849	Pass
				-20	3.7	846.121	848.876	824 to 849	Pass
				-10	3.7	846.108	848.870	824 to 849	Pass
				0	3.7	846.116	848.874	824 to 849	Pass
				10	3.7	846.114	848.879	824 to 849	Pass
				30	3.7	846.115	848.875	824 to 849	Pass
				40	3.7	846.116	848.876	824 to 849	Pass
				50	3.7	846.131	848.870	824 to 849	Pass

6.1.3 B5_5MHz

Band: 5 / Bandwidth: 5MHz / NTNv									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	OBW (FL - FH) (MHz)		Limit	Verdict
		Size	Offset			FL	FH		
QPSK	826.5	25	0	20	3.145	824.235	828.790	824 to 849	Pass
					3.7	824.229	828.776	824 to 849	Pass
					4.255	824.232	828.792	824 to 849	Pass
				-30	3.7	824.234	828.775	824 to 849	Pass
				-20	3.7	824.233	828.774	824 to 849	Pass
				-10	3.7	824.236	828.793	824 to 849	Pass
				0	3.7	824.233	828.783	824 to 849	Pass

				10	3.7	824.233	828.782	824 to 849	Pass
				30	3.7	824.234	828.797	824 to 849	Pass
				40	3.7	824.240	828.789	824 to 849	Pass
				50	3.7	824.233	828.783	824 to 849	Pass
	836.5	25	0	20	3.145	834.232	838.777	824 to 849	Pass
					3.7	834.230	838.777	824 to 849	Pass
					4.255	834.239	838.780	824 to 849	Pass
				-30	3.7	834.234	838.783	824 to 849	Pass
				-20	3.7	834.237	838.781	824 to 849	Pass
				-10	3.7	834.232	838.789	824 to 849	Pass
				0	3.7	834.231	838.778	824 to 849	Pass
				10	3.7	834.233	838.782	824 to 849	Pass
				30	3.7	834.230	838.779	824 to 849	Pass
				40	3.7	834.235	838.781	824 to 849	Pass
				50	3.7	834.236	838.780	824 to 849	Pass
	846.5	25	0	20	3.145	844.238	848.780	824 to 849	Pass
					3.7	844.246	848.781	824 to 849	Pass
					4.255	844.245	848.783	824 to 849	Pass
				-30	3.7	844.238	848.783	824 to 849	Pass
				-20	3.7	844.244	848.791	824 to 849	Pass
				-10	3.7	844.240	848.781	824 to 849	Pass
				0	3.7	844.244	848.776	824 to 849	Pass
				10	3.7	844.237	848.779	824 to 849	Pass
				30	3.7	844.239	848.784	824 to 849	Pass
				40	3.7	844.235	848.780	824 to 849	Pass
				50	3.7	844.243	848.788	824 to 849	Pass
16QAM	826.5	25	0	20	3.145	824.241	828.784	824 to 849	Pass
					3.7	824.239	828.792	824 to 849	Pass
					4.255	824.250	828.780	824 to 849	Pass
				-30	3.7	824.252	828.777	824 to 849	Pass
				-20	3.7	824.256	828.781	824 to 849	Pass
				-10	3.7	824.238	828.794	824 to 849	Pass
				0	3.7	824.245	828.780	824 to 849	Pass
				10	3.7	824.244	828.794	824 to 849	Pass
				30	3.7	824.249	828.791	824 to 849	Pass
				40	3.7	824.251	828.777	824 to 849	Pass
				50	3.7	824.241	828.777	824 to 849	Pass
	836.5	25	0	20	3.145	834.220	838.783	824 to 849	Pass
					3.7	834.217	838.798	824 to 849	Pass
					4.255	834.229	838.782	824 to 849	Pass
				-30	3.7	834.220	838.789	824 to 849	Pass
				-20	3.7	834.245	838.782	824 to 849	Pass
				-10	3.7	834.216	838.799	824 to 849	Pass
				0	3.7	834.229	838.795	824 to 849	Pass
				10	3.7	834.238	838.782	824 to 849	Pass
				30	3.7	834.218	838.791	824 to 849	Pass
				40	3.7	834.236	838.793	824 to 849	Pass
				50	3.7	834.229	838.798	824 to 849	Pass
	846.5	25	0	20	3.145	844.248	848.781	824 to 849	Pass
					3.7	844.226	848.779	824 to 849	Pass
					4.255	844.238	848.773	824 to 849	Pass
				-30	3.7	844.250	848.784	824 to 849	Pass
				-20	3.7	844.229	848.774	824 to 849	Pass
				-10	3.7	844.216	848.782	824 to 849	Pass
				0	3.7	844.217	848.789	824 to 849	Pass
				10	3.7	844.230	848.775	824 to 849	Pass

				30	3.7	844.241	848.784	824 to 849	Pass
				40	3.7	844.217	848.776	824 to 849	Pass
				50	3.7	844.220	848.785	824 to 849	Pass

6.1.4 B5_10MHz

Band: 5 / Bandwidth: 10MHz / NTV									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	OBW (FL - FH) (MHz)		Limit	Verdict
		Size	Offset			FL	FH		
QPSK	829	50	0	20	3.145	824.511	833.564	824 to 849	Pass
					3.7	824.511	833.569	824 to 849	Pass
					4.255	824.500	833.571	824 to 849	Pass
				-30	3.7	824.503	833.568	824 to 849	Pass
				-20	3.7	824.510	833.572	824 to 849	Pass
				-10	3.7	824.503	833.533	824 to 849	Pass
				0	3.7	824.515	833.575	824 to 849	Pass
				10	3.7	824.520	833.550	824 to 849	Pass
				30	3.7	824.507	833.563	824 to 849	Pass
				40	3.7	824.514	833.552	824 to 849	Pass
				50	3.7	824.509	833.553	824 to 849	Pass
	836.5	50	0	20	3.145	832.003	841.052	824 to 849	Pass
					3.7	831.995	841.061	824 to 849	Pass
					4.255	832.004	841.062	824 to 849	Pass
				-30	3.7	831.982	841.053	824 to 849	Pass
				-20	3.7	831.993	841.053	824 to 849	Pass
				-10	3.7	831.991	841.059	824 to 849	Pass
				0	3.7	832.003	841.047	824 to 849	Pass
				10	3.7	831.988	841.054	824 to 849	Pass
				30	3.7	831.994	841.051	824 to 849	Pass
				40	3.7	832.000	841.057	824 to 849	Pass
				50	3.7	832.001	841.068	824 to 849	Pass
	844	50	0	20	3.145	839.498	848.549	824 to 849	Pass
					3.7	839.512	848.549	824 to 849	Pass
					4.255	839.496	848.545	824 to 849	Pass
				-30	3.7	839.519	848.547	824 to 849	Pass
				-20	3.7	839.496	848.558	824 to 849	Pass
				-10	3.7	839.498	848.545	824 to 849	Pass
				0	3.7	839.510	848.555	824 to 849	Pass
				10	3.7	839.502	848.556	824 to 849	Pass
				30	3.7	839.508	848.564	824 to 849	Pass
				40	3.7	839.497	848.536	824 to 849	Pass
				50	3.7	839.484	848.536	824 to 849	Pass
16QAM	829	27	0	20	3.145	824.440	830.069	824 to 849	Pass
					3.7	824.441	830.037	824 to 849	Pass
					4.255	824.460	830.089	824 to 849	Pass
				-30	3.7	824.451	830.126	824 to 849	Pass
				-20	3.7	824.448	830.052	824 to 849	Pass
				-10	3.7	824.469	830.055	824 to 849	Pass
				0	3.7	824.463	830.086	824 to 849	Pass
				10	3.7	824.442	830.086	824 to 849	Pass
				30	3.7	824.443	830.096	824 to 849	Pass
				40	3.7	824.449	830.077	824 to 849	Pass
				50	3.7	824.451	830.007	824 to 849	Pass
	836.5	27	0	20	3.145	831.934	837.302	824 to 849	Pass



Compliance Certification Services (Kunshan) Inc.

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					3.7	831.909	837.312	824 to 849	Pass
					4.255	831.925	837.297	824 to 849	Pass
				-30	3.7	831.925	837.296	824 to 849	Pass
				-20	3.7	831.914	837.279	824 to 849	Pass
				-10	3.7	831.930	837.248	824 to 849	Pass
				0	3.7	831.908	837.333	824 to 849	Pass
				10	3.7	831.937	837.305	824 to 849	Pass
				30	3.7	831.938	837.347	824 to 849	Pass
				40	3.7	831.937	837.255	824 to 849	Pass
				50	3.7	831.924	837.245	824 to 849	Pass
	844	27	23	20	3.145	842.984	848.610	824 to 849	Pass
					3.7	842.996	848.615	824 to 849	Pass
					4.255	843.053	848.623	824 to 849	Pass
				-30	3.7	843.027	848.618	824 to 849	Pass
				-20	3.7	842.952	848.620	824 to 849	Pass
				-10	3.7	842.982	848.618	824 to 849	Pass
				0	3.7	843.001	848.624	824 to 849	Pass
				10	3.7	842.951	848.630	824 to 849	Pass
				30	3.7	842.942	848.625	824 to 849	Pass
				40	3.7	842.993	848.621	824 to 849	Pass
				50	3.7	842.981	848.613	824 to 849	Pass