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	24.21	2.69	24.75	<=38.45	Pass
			2	24.11	2.69	24.65	<=38.45	Pass
			5	24.24	2.69	24.78	<=38.45	Pass
		3	0	24.08	2.69	24.62	<=38.45	Pass
			2	24.10	2.69	24.64	<=38.45	Pass
			3	24.09	2.69	24.63	<=38.45	Pass
		6	0	23.12	2.69	23.66	<=38.45	Pass
	836.5	1	0	24.30	2.69	24.84	<=38.45	Pass
			2	24.42	2.69	24.96	<=38.45	Pass
			5	24.35	2.69	24.89	<=38.45	Pass
		3	0	24.18	2.69	24.72	<=38.45	Pass
			2	24.35	2.69	24.89	<=38.45	Pass
			3	24.15	2.69	24.69	<=38.45	Pass
		6	0	23.24	2.69	23.78	<=38.45	Pass
	848.3	1	0	24.36	2.69	24.90	<=38.45	Pass
			2	24.18	2.69	24.72	<=38.45	Pass
			5	24.41	2.69	24.95	<=38.45	Pass
		3	0	24.33	2.69	24.87	<=38.45	Pass
			2	24.15	2.69	24.69	<=38.45	Pass
			3	24.27	2.69	24.81	<=38.45	Pass
		6	0	23.32	2.69	23.86	<=38.45	Pass
16QAM	824.7	1	0	23.29	2.69	23.83	<=38.45	Pass
			2	23.50	2.69	24.04	<=38.45	Pass
			5	23.58	2.69	24.12	<=38.45	Pass
		3	0	23.20	2.69	23.74	<=38.45	Pass
			2	23.29	2.69	23.83	<=38.45	Pass
			3	23.21	2.69	23.75	<=38.45	Pass
		6	0	22.21	2.69	22.75	<=38.45	Pass
	836.5	1	0	23.54	2.69	24.08	<=38.45	Pass
			2	23.60	2.69	24.14	<=38.45	Pass
			5	23.46	2.69	24.00	<=38.45	Pass
		3	0	23.24	2.69	23.78	<=38.45	Pass
			2	23.31	2.69	23.85	<=38.45	Pass
			3	23.39	2.69	23.93	<=38.45	Pass
		6	0	22.25	2.69	22.79	<=38.45	Pass
	848.3	1	0	23.90	2.69	24.44	<=38.45	Pass
			2	23.42	2.69	23.96	<=38.45	Pass
			5	23.42	2.69	23.96	<=38.45	Pass
		3	0	23.46	2.69	24.00	<=38.45	Pass
			2	23.49	2.69	24.03	<=38.45	Pass
			3	23.34	2.69	23.88	<=38.45	Pass
		6	0	22.38	2.69	22.92	<=38.45	Pass
64QAM	824.7	1	0	23.28	2.69	23.82	<=38.45	Pass
			2	23.35	2.69	23.89	<=38.45	Pass
			5	23.23	2.69	23.77	<=38.45	Pass
		3	0	23.14	2.69	23.68	<=38.45	Pass

			2	23.13	2.69	23.67	<=38.45	Pass
			3	23.19	2.69	23.73	<=38.45	Pass
		6	0	22.19	2.69	22.73	<=38.45	Pass
	836.5	1	0	23.43	2.69	23.97	<=38.45	Pass
			2	23.22	2.69	23.76	<=38.45	Pass
			5	23.35	2.69	23.89	<=38.45	Pass
		3	0	23.27	2.69	23.81	<=38.45	Pass
			2	23.13	2.69	23.67	<=38.45	Pass
			3	23.31	2.69	23.85	<=38.45	Pass
		6	0	22.26	2.69	22.80	<=38.45	Pass
	848.3	1	0	23.34	2.69	23.88	<=38.45	Pass
			2	23.27	2.69	23.81	<=38.45	Pass
			5	23.30	2.69	23.84	<=38.45	Pass
		3	0	23.34	2.69	23.88	<=38.45	Pass
			2	23.31	2.69	23.85	<=38.45	Pass
			3	23.32	2.69	23.86	<=38.45	Pass
		6	0	22.29	2.69	22.83	<=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	24.04	2.69	24.58	<=38.45	Pass
			7	24.25	2.69	24.79	<=38.45	Pass
			14	24.04	2.69	24.58	<=38.45	Pass
		8	0	23.13	2.69	23.67	<=38.45	Pass
			4	23.10	2.69	23.64	<=38.45	Pass
			7	23.13	2.69	23.67	<=38.45	Pass
		15	0	23.19	2.69	23.73	<=38.45	Pass
	836.5	1	0	24.12	2.69	24.66	<=38.45	Pass
			7	24.29	2.69	24.83	<=38.45	Pass
			14	24.22	2.69	24.76	<=38.45	Pass
		8	0	23.18	2.69	23.72	<=38.45	Pass
			4	23.26	2.69	23.80	<=38.45	Pass
			7	23.28	2.69	23.82	<=38.45	Pass
		15	0	23.25	2.69	23.79	<=38.45	Pass
	847.5	1	0	24.44	2.69	24.98	<=38.45	Pass
			7	24.35	2.69	24.89	<=38.45	Pass
			14	24.32	2.69	24.86	<=38.45	Pass
		8	0	23.31	2.69	23.85	<=38.45	Pass
			4	23.34	2.69	23.88	<=38.45	Pass
			7	23.31	2.69	23.85	<=38.45	Pass
		15	0	23.37	2.69	23.91	<=38.45	Pass
16QAM	825.5	1	0	23.50	2.69	24.04	<=38.45	Pass
			7	23.35	2.69	23.89	<=38.45	Pass
			14	23.39	2.69	23.93	<=38.45	Pass
		8	0	22.24	2.69	22.78	<=38.45	Pass
			4	22.26	2.69	22.80	<=38.45	Pass
			7	22.23	2.69	22.77	<=38.45	Pass
		15	0	22.30	2.69	22.84	<=38.45	Pass
	836.5	1	0	23.82	2.69	24.36	<=38.45	Pass
			7	23.64	2.69	24.18	<=38.45	Pass
			14	23.52	2.69	24.06	<=38.45	Pass

		8	0	22.31	2.69	22.85	<=38.45	Pass
			4	22.25	2.69	22.79	<=38.45	Pass
			7	22.41	2.69	22.95	<=38.45	Pass
		15	0	22.30	2.69	22.84	<=38.45	Pass
	847.5	1	0	23.85	2.69	24.39	<=38.45	Pass
			7	23.73	2.69	24.27	<=38.45	Pass
			14	23.56	2.69	24.10	<=38.45	Pass
		8	0	22.41	2.69	22.95	<=38.45	Pass
			4	22.49	2.69	23.03	<=38.45	Pass
			7	22.47	2.69	23.01	<=38.45	Pass
		15	0	22.36	2.69	22.90	<=38.45	Pass
64QAM	825.5	1	0	23.38	2.69	23.92	<=38.45	Pass
			7	23.19	2.69	23.73	<=38.45	Pass
			14	23.01	2.69	23.55	<=38.45	Pass
		8	0	22.24	2.69	22.78	<=38.45	Pass
			4	22.18	2.69	22.72	<=38.45	Pass
			7	22.25	2.69	22.79	<=38.45	Pass
		15	0	22.18	2.69	22.72	<=38.45	Pass
	836.5	1	0	23.25	2.69	23.79	<=38.45	Pass
			7	23.40	2.69	23.94	<=38.45	Pass
			14	23.37	2.69	23.91	<=38.45	Pass
		8	0	22.20	2.69	22.74	<=38.45	Pass
			4	22.32	2.69	22.86	<=38.45	Pass
			7	22.27	2.69	22.81	<=38.45	Pass
		15	0	22.32	2.69	22.86	<=38.45	Pass
	847.5	1	0	23.41	2.69	23.95	<=38.45	Pass
			7	23.57	2.69	24.11	<=38.45	Pass
			14	23.35	2.69	23.89	<=38.45	Pass
		8	0	22.34	2.69	22.88	<=38.45	Pass
			4	22.38	2.69	22.92	<=38.45	Pass
			7	22.34	2.69	22.88	<=38.45	Pass
		15	0	22.41	2.69	22.95	<=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	24.06	2.69	24.60	<=38.45	Pass
			13	24.24	2.69	24.78	<=38.45	Pass
			24	24.03	2.69	24.57	<=38.45	Pass
		12	0	23.23	2.69	23.77	<=38.45	Pass
			6	23.18	2.69	23.72	<=38.45	Pass
			13	23.11	2.69	23.65	<=38.45	Pass
		25	0	23.18	2.69	23.72	<=38.45	Pass
	836.5	1	0	24.08	2.69	24.62	<=38.45	Pass
			13	24.26	2.69	24.80	<=38.45	Pass
			24	24.16	2.69	24.70	<=38.45	Pass
		12	0	23.26	2.69	23.80	<=38.45	Pass
			6	23.33	2.69	23.87	<=38.45	Pass
			13	23.26	2.69	23.80	<=38.45	Pass
		25	0	23.31	2.69	23.85	<=38.45	Pass
	846.5	1	0	24.32	2.69	24.86	<=38.45	Pass
			13	24.63	2.69	25.17	<=38.45	Pass

			24	24.34	2.69	24.88	<=38.45	Pass
		12	0	23.32	2.69	23.86	<=38.45	Pass
			6	23.31	2.69	23.85	<=38.45	Pass
			13	23.35	2.69	23.89	<=38.45	Pass
		25	0	23.27	2.69	23.81	<=38.45	Pass
16QAM	826.5	1	0	23.35	2.69	23.89	<=38.45	Pass
			13	23.48	2.69	24.02	<=38.45	Pass
			24	23.50	2.69	24.04	<=38.45	Pass
		12	0	22.19	2.69	22.73	<=38.45	Pass
			6	22.28	2.69	22.82	<=38.45	Pass
			13	22.23	2.69	22.77	<=38.45	Pass
		25	0	22.22	2.69	22.76	<=38.45	Pass
	836.5	1	0	23.48	2.69	24.02	<=38.45	Pass
			13	23.70	2.69	24.24	<=38.45	Pass
			24	23.56	2.69	24.10	<=38.45	Pass
		12	0	22.23	2.69	22.77	<=38.45	Pass
			6	22.38	2.69	22.92	<=38.45	Pass
			13	22.25	2.69	22.79	<=38.45	Pass
		25	0	22.29	2.69	22.83	<=38.45	Pass
	846.5	1	0	23.69	2.69	24.23	<=38.45	Pass
			13	23.65	2.69	24.19	<=38.45	Pass
			24	23.52	2.69	24.06	<=38.45	Pass
		12	0	22.33	2.69	22.87	<=38.45	Pass
			6	22.41	2.69	22.95	<=38.45	Pass
			13	22.41	2.69	22.95	<=38.45	Pass
		25	0	22.30	2.69	22.84	<=38.45	Pass
64QAM	826.5	1	0	23.14	2.69	23.68	<=38.45	Pass
			13	23.36	2.69	23.90	<=38.45	Pass
			24	23.15	2.69	23.69	<=38.45	Pass
		12	0	22.16	2.69	22.70	<=38.45	Pass
			6	22.29	2.69	22.83	<=38.45	Pass
			13	22.08	2.69	22.62	<=38.45	Pass
		25	0	22.23	2.69	22.77	<=38.45	Pass
	836.5	1	0	23.33	2.69	23.87	<=38.45	Pass
			13	23.30	2.69	23.84	<=38.45	Pass
			24	23.32	2.69	23.86	<=38.45	Pass
		12	0	22.21	2.69	22.75	<=38.45	Pass
			6	22.33	2.69	22.87	<=38.45	Pass
			13	22.26	2.69	22.80	<=38.45	Pass
		25	0	22.21	2.69	22.75	<=38.45	Pass
	846.5	1	0	23.38	2.69	23.92	<=38.45	Pass
			13	23.34	2.69	23.88	<=38.45	Pass
			24	23.35	2.69	23.89	<=38.45	Pass
		12	0	22.26	2.69	22.80	<=38.45	Pass
			6	22.38	2.69	22.92	<=38.45	Pass
			13	22.41	2.69	22.95	<=38.45	Pass
		25	0	22.29	2.69	22.83	<=38.45	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.1.4 B5_10MHz_ERP

Band: 5 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	829	1	0	24.09	2.69	24.63	<=38.45	Pass

			25	24.16	2.69	24.70	<=38.45	Pass
			49	24.21	2.69	24.75	<=38.45	Pass
		25	0	23.18	2.69	23.72	<=38.45	Pass
			13	23.19	2.69	23.73	<=38.45	Pass
			25	23.18	2.69	23.72	<=38.45	Pass
		50	0	23.17	2.69	23.71	<=38.45	Pass
	836.5	1	0	24.14	2.69	24.68	<=38.45	Pass
			25	24.53	2.69	25.07	<=38.45	Pass
			49	24.35	2.69	24.89	<=38.45	Pass
		25	0	23.26	2.69	23.80	<=38.45	Pass
			13	23.32	2.69	23.86	<=38.45	Pass
			25	23.33	2.69	23.87	<=38.45	Pass
		50	0	23.29	2.69	23.83	<=38.45	Pass
	844	1	0	24.26	2.69	24.80	<=38.45	Pass
			25	24.52	2.69	25.06	<=38.45	Pass
			49	24.27	2.69	24.81	<=38.45	Pass
		25	0	23.30	2.69	23.84	<=38.45	Pass
			13	23.35	2.69	23.89	<=38.45	Pass
			25	23.44	2.69	23.98	<=38.45	Pass
		50	0	23.30	2.69	23.84	<=38.45	Pass
16QAM	829	1	0	23.35	2.69	23.89	<=38.45	Pass
			25	23.44	2.69	23.98	<=38.45	Pass
			49	23.55	2.69	24.09	<=38.45	Pass
		25	0	22.16	2.69	22.70	<=38.45	Pass
			13	22.25	2.69	22.79	<=38.45	Pass
			25	22.25	2.69	22.79	<=38.45	Pass
		50	0	22.23	2.69	22.77	<=38.45	Pass
	836.5	1	0	23.48	2.69	24.02	<=38.45	Pass
			25	23.37	2.69	23.91	<=38.45	Pass
			49	23.64	2.69	24.18	<=38.45	Pass
		25	0	22.14	2.69	22.68	<=38.45	Pass
			13	22.31	2.69	22.85	<=38.45	Pass
			25	22.32	2.69	22.86	<=38.45	Pass
		50	0	22.29	2.69	22.83	<=38.45	Pass
	844	1	0	23.62	2.69	24.16	<=38.45	Pass
			25	23.74	2.69	24.28	<=38.45	Pass
			49	23.55	2.69	24.09	<=38.45	Pass
		25	0	22.39	2.69	22.93	<=38.45	Pass
			13	22.42	2.69	22.96	<=38.45	Pass
			25	22.43	2.69	22.97	<=38.45	Pass
		50	0	22.30	2.69	22.84	<=38.45	Pass
64QAM	829	1	0	23.24	2.69	23.78	<=38.45	Pass
			25	23.16	2.69	23.70	<=38.45	Pass
			49	23.41	2.69	23.95	<=38.45	Pass
		25	0	22.21	2.69	22.75	<=38.45	Pass
			13	22.21	2.69	22.75	<=38.45	Pass
			25	22.23	2.69	22.77	<=38.45	Pass
		50	0	22.11	2.69	22.65	<=38.45	Pass
	836.5	1	0	23.38	2.69	23.92	<=38.45	Pass
			25	23.40	2.69	23.94	<=38.45	Pass
			49	23.44	2.69	23.98	<=38.45	Pass
		25	0	22.22	2.69	22.76	<=38.45	Pass
			13	22.30	2.69	22.84	<=38.45	Pass
			25	22.40	2.69	22.94	<=38.45	Pass
		50	0	22.28	2.69	22.82	<=38.45	Pass
	844	1	0	23.47	2.69	24.01	<=38.45	Pass

			25	23.48	2.69	24.02	<=38.45	Pass
			49	23.36	2.69	23.90	<=38.45	Pass
		25	0	22.39	2.69	22.93	<=38.45	Pass
			13	22.45	2.69	22.99	<=38.45	Pass
			25	22.33	2.69	22.87	<=38.45	Pass
		50	0	22.32	2.69	22.86	<=38.45	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

2. Frequency Stability

2.1 B5_1.4MHz

2.1.1 Test Result

Band: 5 / Bandwidth: 1.4MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	824.7	6	0	20	3.27	12.000	0.0146	-2.5 to 2.5	Pass
					3.85	12.900	0.0156	-2.5 to 2.5	Pass
					4.43	9.200	0.0112	-2.5 to 2.5	Pass
				-30	3.85	10.700	0.0130	-2.5 to 2.5	Pass
				-20	3.85	8.600	0.0104	-2.5 to 2.5	Pass
				-10	3.85	9.000	0.0109	-2.5 to 2.5	Pass
				0	3.85	4.500	0.0055	-2.5 to 2.5	Pass
				10	3.85	3.900	0.0047	-2.5 to 2.5	Pass
				30	3.85	5.100	0.0062	-2.5 to 2.5	Pass
				40	3.85	4.300	0.0052	-2.5 to 2.5	Pass
				50	3.85	2.600	0.0032	-2.5 to 2.5	Pass
	836.5	6	0	20	3.27	-14.600	-0.0175	-2.5 to 2.5	Pass
					3.85	-13.800	-0.0165	-2.5 to 2.5	Pass
					4.43	-16.100	-0.0192	-2.5 to 2.5	Pass
				-30	3.85	-18.000	-0.0215	-2.5 to 2.5	Pass
				-20	3.85	-17.100	-0.0204	-2.5 to 2.5	Pass
				-10	3.85	-17.400	-0.0208	-2.5 to 2.5	Pass
				0	3.85	-18.900	-0.0226	-2.5 to 2.5	Pass
				10	3.85	-16.400	-0.0196	-2.5 to 2.5	Pass
				30	3.85	-14.200	-0.0170	-2.5 to 2.5	Pass
				40	3.85	-9.500	-0.0114	-2.5 to 2.5	Pass
				50	3.85	-7.000	-0.0084	-2.5 to 2.5	Pass
	848.3	6	0	20	3.27	4.100	0.0048	-2.5 to 2.5	Pass
					3.85	4.800	0.0057	-2.5 to 2.5	Pass
					4.43	4.000	0.0047	-2.5 to 2.5	Pass
				-30	3.85	5.600	0.0066	-2.5 to 2.5	Pass
				-20	3.85	4.000	0.0047	-2.5 to 2.5	Pass
				-10	3.85	2.000	0.0024	-2.5 to 2.5	Pass
				0	3.85	3.000	0.0035	-2.5 to 2.5	Pass
				10	3.85	2.600	0.0031	-2.5 to 2.5	Pass
				30	3.85	2.100	0.0025	-2.5 to 2.5	Pass
				40	3.85	3.700	0.0044	-2.5 to 2.5	Pass
				50	3.85	3.800	0.0045	-2.5 to 2.5	Pass
16QAM	824.7	6	0	20	3.27	1.200	0.0015	-2.5 to 2.5	Pass
					3.85	1.000	0.0012	-2.5 to 2.5	Pass
					4.43	3.900	0.0047	-2.5 to 2.5	Pass
				-30	3.85	3.200	0.0039	-2.5 to 2.5	Pass

				-20	3.85	2.100	0.0025	-2.5 to 2.5	Pass
				-10	3.85	1.400	0.0017	-2.5 to 2.5	Pass
				0	3.85	1.500	0.0018	-2.5 to 2.5	Pass
				10	3.85	0.800	0.0010	-2.5 to 2.5	Pass
				30	3.85	1.300	0.0016	-2.5 to 2.5	Pass
				40	3.85	1.300	0.0016	-2.5 to 2.5	Pass
				50	3.85	0.400	0.0005	-2.5 to 2.5	Pass
	836.5	6	0	20	3.27	-7.900	-0.0094	-2.5 to 2.5	Pass
					3.85	-4.400	-0.0053	-2.5 to 2.5	Pass
					4.43	-4.000	-0.0048	-2.5 to 2.5	Pass
				-30	3.85	-3.400	-0.0041	-2.5 to 2.5	Pass
				-20	3.85	-1.800	-0.0022	-2.5 to 2.5	Pass
				-10	3.85	-1.800	-0.0022	-2.5 to 2.5	Pass
				0	3.85	-1.400	-0.0017	-2.5 to 2.5	Pass
				10	3.85	0.000	0.0000	-2.5 to 2.5	Pass
				30	3.85	0.300	0.0004	-2.5 to 2.5	Pass
				40	3.85	1.000	0.0012	-2.5 to 2.5	Pass
				50	3.85	-0.800	-0.0010	-2.5 to 2.5	Pass
	848.3	6	0	20	3.27	2.300	0.0027	-2.5 to 2.5	Pass
					3.85	0.000	0.0000	-2.5 to 2.5	Pass
					4.43	1.900	0.0022	-2.5 to 2.5	Pass
				-30	3.85	0.100	0.0001	-2.5 to 2.5	Pass
				-20	3.85	1.100	0.0013	-2.5 to 2.5	Pass
				-10	3.85	0.300	0.0004	-2.5 to 2.5	Pass
				0	3.85	2.000	0.0024	-2.5 to 2.5	Pass
				10	3.85	1.800	0.0021	-2.5 to 2.5	Pass
				30	3.85	2.200	0.0026	-2.5 to 2.5	Pass
				40	3.85	-0.800	-0.0009	-2.5 to 2.5	Pass
				50	3.85	3.300	0.0039	-2.5 to 2.5	Pass
64QAM	824.7	6	0	20	3.27	186.100	0.2257	-2.5 to 2.5	Pass
					3.85	69.100	0.0838	-2.5 to 2.5	Pass
					4.43	-196.200	-0.2379	-2.5 to 2.5	Pass
				-30	3.85	-188.100	-0.2281	-2.5 to 2.5	Pass
				-20	3.85	-22.800	-0.0276	-2.5 to 2.5	Pass
				-10	3.85	91.400	0.1108	-2.5 to 2.5	Pass
				0	3.85	-188.300	-0.2283	-2.5 to 2.5	Pass
				10	3.85	188.800	0.2289	-2.5 to 2.5	Pass
				30	3.85	-192.900	-0.2339	-2.5 to 2.5	Pass
				40	3.85	-190.400	-0.2309	-2.5 to 2.5	Pass
				50	3.85	189.000	0.2292	-2.5 to 2.5	Pass
	836.5	6	0	20	3.27	189.200	0.2262	-2.5 to 2.5	Pass
					3.85	-187.800	-0.2245	-2.5 to 2.5	Pass
					4.43	-154.500	-0.1847	-2.5 to 2.5	Pass
				-30	3.85	192.500	0.2301	-2.5 to 2.5	Pass
				-20	3.85	107.200	0.1282	-2.5 to 2.5	Pass
				-10	3.85	185.300	0.2215	-2.5 to 2.5	Pass
				0	3.85	107.800	0.1289	-2.5 to 2.5	Pass
				10	3.85	18.700	0.0224	-2.5 to 2.5	Pass
				30	3.85	186.300	0.2227	-2.5 to 2.5	Pass
				40	3.85	183.000	0.2188	-2.5 to 2.5	Pass
				50	3.85	197.700	0.2363	-2.5 to 2.5	Pass
	848.3	6	0	20	3.27	197.600	0.2329	-2.5 to 2.5	Pass
					3.85	188.400	0.2221	-2.5 to 2.5	Pass
					4.43	149.400	0.1761	-2.5 to 2.5	Pass
				-30	3.85	188.700	0.2224	-2.5 to 2.5	Pass
				-20	3.85	180.300	0.2125	-2.5 to 2.5	Pass

				-10	3.85	180.100	0.2123	-2.5 to 2.5	Pass
				0	3.85	-181.700	-0.2142	-2.5 to 2.5	Pass
				10	3.85	144.000	0.1698	-2.5 to 2.5	Pass
				30	3.85	-189.300	-0.2232	-2.5 to 2.5	Pass
				40	3.85	-137.200	-0.1617	-2.5 to 2.5	Pass
				50	3.85	-187.700	-0.2213	-2.5 to 2.5	Pass

2.2 B5_3MHz

2.2.1 Test Result

Band: 5 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	825.5	15	0	20	3.27	4.200	0.0051	-2.5 to 2.5	Pass
					3.85	2.800	0.0034	-2.5 to 2.5	Pass
					4.43	3.000	0.0036	-2.5 to 2.5	Pass
				-30	3.85	2.300	0.0028	-2.5 to 2.5	Pass
				-20	3.85	2.600	0.0031	-2.5 to 2.5	Pass
				-10	3.85	1.400	0.0017	-2.5 to 2.5	Pass
				0	3.85	4.000	0.0048	-2.5 to 2.5	Pass
				10	3.85	2.900	0.0035	-2.5 to 2.5	Pass
				30	3.85	3.100	0.0038	-2.5 to 2.5	Pass
				40	3.85	3.300	0.0040	-2.5 to 2.5	Pass
				50	3.85	2.200	0.0027	-2.5 to 2.5	Pass
	836.5	15	0	20	3.27	-0.100	-0.0001	-2.5 to 2.5	Pass
					3.85	0.400	0.0005	-2.5 to 2.5	Pass
					4.43	-0.500	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	0.300	0.0004	-2.5 to 2.5	Pass
				-20	3.85	1.200	0.0014	-2.5 to 2.5	Pass
				-10	3.85	-0.300	-0.0004	-2.5 to 2.5	Pass
				0	3.85	0.300	0.0004	-2.5 to 2.5	Pass
				10	3.85	2.500	0.0030	-2.5 to 2.5	Pass
				30	3.85	-0.500	-0.0006	-2.5 to 2.5	Pass
				40	3.85	2.200	0.0026	-2.5 to 2.5	Pass
				50	3.85	-0.400	-0.0005	-2.5 to 2.5	Pass
	847.5	15	0	20	3.27	1.200	0.0014	-2.5 to 2.5	Pass
					3.85	0.800	0.0009	-2.5 to 2.5	Pass
					4.43	0.400	0.0005	-2.5 to 2.5	Pass
				-30	3.85	-1.500	-0.0018	-2.5 to 2.5	Pass
				-20	3.85	0.800	0.0009	-2.5 to 2.5	Pass
				-10	3.85	1.100	0.0013	-2.5 to 2.5	Pass
				0	3.85	1.100	0.0013	-2.5 to 2.5	Pass
				10	3.85	0.100	0.0001	-2.5 to 2.5	Pass
				30	3.85	1.200	0.0014	-2.5 to 2.5	Pass
				40	3.85	1.100	0.0013	-2.5 to 2.5	Pass
				50	3.85	1.600	0.0019	-2.5 to 2.5	Pass
16QAM	825.5	15	0	20	3.27	0.900	0.0011	-2.5 to 2.5	Pass
					3.85	2.900	0.0035	-2.5 to 2.5	Pass
					4.43	2.000	0.0024	-2.5 to 2.5	Pass
				-30	3.85	1.300	0.0016	-2.5 to 2.5	Pass
				-20	3.85	1.600	0.0019	-2.5 to 2.5	Pass
				-10	3.85	2.500	0.0030	-2.5 to 2.5	Pass
				0	3.85	3.400	0.0041	-2.5 to 2.5	Pass

				10	3.85	3.800	0.0046	-2.5 to 2.5	Pass
				30	3.85	2.600	0.0031	-2.5 to 2.5	Pass
				40	3.85	3.400	0.0041	-2.5 to 2.5	Pass
				50	3.85	2.900	0.0035	-2.5 to 2.5	Pass
	836.5	15	0	20	3.27	0.100	0.0001	-2.5 to 2.5	Pass
					3.85	-0.800	-0.0010	-2.5 to 2.5	Pass
					4.43	1.200	0.0014	-2.5 to 2.5	Pass
				-30	3.85	0.100	0.0001	-2.5 to 2.5	Pass
				-20	3.85	0.800	0.0010	-2.5 to 2.5	Pass
				-10	3.85	0.100	0.0001	-2.5 to 2.5	Pass
				0	3.85	1.200	0.0014	-2.5 to 2.5	Pass
				10	3.85	0.500	0.0006	-2.5 to 2.5	Pass
				30	3.85	1.400	0.0017	-2.5 to 2.5	Pass
				40	3.85	-1.300	-0.0016	-2.5 to 2.5	Pass
				50	3.85	1.200	0.0014	-2.5 to 2.5	Pass
	847.5	15	0	20	3.27	2.000	0.0024	-2.5 to 2.5	Pass
					3.85	2.400	0.0028	-2.5 to 2.5	Pass
					4.43	-0.500	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	0.500	0.0006	-2.5 to 2.5	Pass
				-20	3.85	-0.100	-0.0001	-2.5 to 2.5	Pass
				-10	3.85	-0.600	-0.0007	-2.5 to 2.5	Pass
				0	3.85	0.800	0.0009	-2.5 to 2.5	Pass
				10	3.85	1.600	0.0019	-2.5 to 2.5	Pass
				30	3.85	0.200	0.0002	-2.5 to 2.5	Pass
				40	3.85	1.400	0.0017	-2.5 to 2.5	Pass
				50	3.85	2.100	0.0025	-2.5 to 2.5	Pass
64QAM	825.5	15	0	20	3.27	57.300	0.0694	-2.5 to 2.5	Pass
					3.85	-123.000	-0.1490	-2.5 to 2.5	Pass
					4.43	88.000	0.1066	-2.5 to 2.5	Pass
				-30	3.85	-139.300	-0.1687	-2.5 to 2.5	Pass
				-20	3.85	-12.900	-0.0156	-2.5 to 2.5	Pass
				-10	3.85	35.600	0.0431	-2.5 to 2.5	Pass
				0	3.85	40.700	0.0493	-2.5 to 2.5	Pass
				10	3.85	-60.800	-0.0737	-2.5 to 2.5	Pass
				30	3.85	12.400	0.0150	-2.5 to 2.5	Pass
				40	3.85	-34.600	-0.0419	-2.5 to 2.5	Pass
				50	3.85	-15.500	-0.0188	-2.5 to 2.5	Pass
	836.5	15	0	20	3.27	-40.400	-0.0483	-2.5 to 2.5	Pass
					3.85	7.200	0.0086	-2.5 to 2.5	Pass
					4.43	-8.100	-0.0097	-2.5 to 2.5	Pass
				-30	3.85	8.200	0.0098	-2.5 to 2.5	Pass
				-20	3.85	-24.600	-0.0294	-2.5 to 2.5	Pass
				-10	3.85	24.800	0.0296	-2.5 to 2.5	Pass
				0	3.85	-4.100	-0.0049	-2.5 to 2.5	Pass
				10	3.85	-96.800	-0.1157	-2.5 to 2.5	Pass
				30	3.85	-24.900	-0.0298	-2.5 to 2.5	Pass
				40	3.85	-4.300	-0.0051	-2.5 to 2.5	Pass
				50	3.85	122.300	0.1462	-2.5 to 2.5	Pass
	847.5	15	0	20	3.27	-86.100	-0.1016	-2.5 to 2.5	Pass
					3.85	-16.400	-0.0194	-2.5 to 2.5	Pass
					4.43	-10.100	-0.0119	-2.5 to 2.5	Pass
				-30	3.85	25.000	0.0295	-2.5 to 2.5	Pass
				-20	3.85	-69.400	-0.0819	-2.5 to 2.5	Pass
				-10	3.85	-52.600	-0.0621	-2.5 to 2.5	Pass
				0	3.85	5.300	0.0063	-2.5 to 2.5	Pass
				10	3.85	51.200	0.0604	-2.5 to 2.5	Pass

				30	3.85	-20.200	-0.0238	-2.5 to 2.5	Pass
				40	3.85	34.100	0.0402	-2.5 to 2.5	Pass
				50	3.85	-48.400	-0.0571	-2.5 to 2.5	Pass

2.3 B5_5MHz

2.3.1 Test Result

Band: 5 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	826.5	25	0	20	3.27	1.900	0.0023	-2.5 to 2.5	Pass
					3.85	1.200	0.0015	-2.5 to 2.5	Pass
					4.43	3.200	0.0039	-2.5 to 2.5	Pass
				-30	3.85	2.700	0.0033	-2.5 to 2.5	Pass
				-20	3.85	1.000	0.0012	-2.5 to 2.5	Pass
				-10	3.85	2.800	0.0034	-2.5 to 2.5	Pass
				0	3.85	2.000	0.0024	-2.5 to 2.5	Pass
				10	3.85	-0.100	-0.0001	-2.5 to 2.5	Pass
				30	3.85	3.500	0.0042	-2.5 to 2.5	Pass
				40	3.85	2.000	0.0024	-2.5 to 2.5	Pass
				50	3.85	2.400	0.0029	-2.5 to 2.5	Pass
	836.5	25	0	20	3.27	1.300	0.0016	-2.5 to 2.5	Pass
					3.85	0.300	0.0004	-2.5 to 2.5	Pass
					4.43	0.800	0.0010	-2.5 to 2.5	Pass
				-30	3.85	1.200	0.0014	-2.5 to 2.5	Pass
				-20	3.85	3.700	0.0044	-2.5 to 2.5	Pass
				-10	3.85	1.500	0.0018	-2.5 to 2.5	Pass
				0	3.85	0.900	0.0011	-2.5 to 2.5	Pass
				10	3.85	1.100	0.0013	-2.5 to 2.5	Pass
				30	3.85	0.900	0.0011	-2.5 to 2.5	Pass
				40	3.85	2.300	0.0027	-2.5 to 2.5	Pass
				50	3.85	1.900	0.0023	-2.5 to 2.5	Pass
	846.5	25	0	20	3.27	2.500	0.0030	-2.5 to 2.5	Pass
					3.85	1.200	0.0014	-2.5 to 2.5	Pass
					4.43	4.000	0.0047	-2.5 to 2.5	Pass
				-30	3.85	3.500	0.0041	-2.5 to 2.5	Pass
				-20	3.85	3.000	0.0035	-2.5 to 2.5	Pass
				-10	3.85	3.100	0.0037	-2.5 to 2.5	Pass
				0	3.85	3.900	0.0046	-2.5 to 2.5	Pass
				10	3.85	3.100	0.0037	-2.5 to 2.5	Pass
				30	3.85	3.100	0.0037	-2.5 to 2.5	Pass
				40	3.85	3.900	0.0046	-2.5 to 2.5	Pass
				50	3.85	3.600	0.0043	-2.5 to 2.5	Pass
16QAM	826.5	25	0	20	3.27	3.800	0.0046	-2.5 to 2.5	Pass
					3.85	5.000	0.0060	-2.5 to 2.5	Pass
					4.43	2.800	0.0034	-2.5 to 2.5	Pass
				-30	3.85	4.300	0.0052	-2.5 to 2.5	Pass
				-20	3.85	2.000	0.0024	-2.5 to 2.5	Pass
				-10	3.85	3.100	0.0038	-2.5 to 2.5	Pass
				0	3.85	3.600	0.0044	-2.5 to 2.5	Pass
				10	3.85	2.900	0.0035	-2.5 to 2.5	Pass
				30	3.85	1.600	0.0019	-2.5 to 2.5	Pass
				40	3.85	2.400	0.0029	-2.5 to 2.5	Pass

				50	3.85	3.600	0.0044	-2.5 to 2.5	Pass
	836.5	25	0	20	3.27	1.500	0.0018	-2.5 to 2.5	Pass
					3.85	2.600	0.0031	-2.5 to 2.5	Pass
					4.43	2.300	0.0027	-2.5 to 2.5	Pass
				-30	3.85	1.800	0.0022	-2.5 to 2.5	Pass
				-20	3.85	3.000	0.0036	-2.5 to 2.5	Pass
				-10	3.85	2.000	0.0024	-2.5 to 2.5	Pass
				0	3.85	0.700	0.0008	-2.5 to 2.5	Pass
				10	3.85	1.700	0.0020	-2.5 to 2.5	Pass
				30	3.85	2.600	0.0031	-2.5 to 2.5	Pass
				40	3.85	1.400	0.0017	-2.5 to 2.5	Pass
				50	3.85	-0.100	-0.0001	-2.5 to 2.5	Pass
	846.5	25	0	20	3.27	2.300	0.0027	-2.5 to 2.5	Pass
					3.85	3.300	0.0039	-2.5 to 2.5	Pass
					4.43	5.100	0.0060	-2.5 to 2.5	Pass
				-30	3.85	2.600	0.0031	-2.5 to 2.5	Pass
				-20	3.85	4.400	0.0052	-2.5 to 2.5	Pass
				-10	3.85	4.200	0.0050	-2.5 to 2.5	Pass
				0	3.85	4.500	0.0053	-2.5 to 2.5	Pass
				10	3.85	2.100	0.0025	-2.5 to 2.5	Pass
				30	3.85	1.600	0.0019	-2.5 to 2.5	Pass
				40	3.85	2.600	0.0031	-2.5 to 2.5	Pass
				50	3.85	1.100	0.0013	-2.5 to 2.5	Pass
64QAM	826.5	25	0	20	3.27	12.500	0.0151	-2.5 to 2.5	Pass
					3.85	-19.000	-0.0230	-2.5 to 2.5	Pass
					4.43	21.400	0.0259	-2.5 to 2.5	Pass
				-30	3.85	53.900	0.0652	-2.5 to 2.5	Pass
				-20	3.85	-13.200	-0.0160	-2.5 to 2.5	Pass
				-10	3.85	38.500	0.0466	-2.5 to 2.5	Pass
				0	3.85	-19.500	-0.0236	-2.5 to 2.5	Pass
				10	3.85	-15.300	-0.0185	-2.5 to 2.5	Pass
				30	3.85	12.800	0.0155	-2.5 to 2.5	Pass
				40	3.85	17.700	0.0214	-2.5 to 2.5	Pass
				50	3.85	27.200	0.0329	-2.5 to 2.5	Pass
	836.5	25	0	20	3.27	-46.500	-0.0556	-2.5 to 2.5	Pass
					3.85	-21.300	-0.0255	-2.5 to 2.5	Pass
					4.43	-3.800	-0.0045	-2.5 to 2.5	Pass
				-30	3.85	32.400	0.0387	-2.5 to 2.5	Pass
				-20	3.85	-24.700	-0.0295	-2.5 to 2.5	Pass
				-10	3.85	31.400	0.0375	-2.5 to 2.5	Pass
				0	3.85	-4.100	-0.0049	-2.5 to 2.5	Pass
				10	3.85	30.500	0.0365	-2.5 to 2.5	Pass
				30	3.85	33.900	0.0405	-2.5 to 2.5	Pass
				40	3.85	-33.900	-0.0405	-2.5 to 2.5	Pass
				50	3.85	22.600	0.0270	-2.5 to 2.5	Pass
	846.5	25	0	20	3.27	-6.200	-0.0073	-2.5 to 2.5	Pass
					3.85	12.500	0.0148	-2.5 to 2.5	Pass
					4.43	4.100	0.0048	-2.5 to 2.5	Pass
				-30	3.85	22.600	0.0267	-2.5 to 2.5	Pass
				-20	3.85	-32.600	-0.0385	-2.5 to 2.5	Pass
				-10	3.85	11.500	0.0136	-2.5 to 2.5	Pass
				0	3.85	-3.900	-0.0046	-2.5 to 2.5	Pass
				10	3.85	-15.700	-0.0185	-2.5 to 2.5	Pass
				30	3.85	-34.100	-0.0403	-2.5 to 2.5	Pass
				40	3.85	45.300	0.0535	-2.5 to 2.5	Pass
				50	3.85	-31.700	-0.0374	-2.5 to 2.5	Pass

2.4 B5_10MHz

2.4.1 Test Result

Band: 5 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	829	50	0	20	3.27	0.300	0.0004	-2.5 to 2.5	Pass
					3.85	-0.100	-0.0001	-2.5 to 2.5	Pass
					4.43	1.300	0.0016	-2.5 to 2.5	Pass
				-30	3.85	0.700	0.0008	-2.5 to 2.5	Pass
				-20	3.85	1.300	0.0016	-2.5 to 2.5	Pass
				-10	3.85	-0.200	-0.0002	-2.5 to 2.5	Pass
				0	3.85	-0.100	-0.0001	-2.5 to 2.5	Pass
				10	3.85	-0.900	-0.0011	-2.5 to 2.5	Pass
				30	3.85	-0.100	-0.0001	-2.5 to 2.5	Pass
				40	3.85	-0.400	-0.0005	-2.5 to 2.5	Pass
				50	3.85	0.100	0.0001	-2.5 to 2.5	Pass
	836.5	50	0	20	3.27	-0.400	-0.0005	-2.5 to 2.5	Pass
					3.85	-1.400	-0.0017	-2.5 to 2.5	Pass
					4.43	-0.400	-0.0005	-2.5 to 2.5	Pass
				-30	3.85	-1.100	-0.0013	-2.5 to 2.5	Pass
				-20	3.85	-1.700	-0.0020	-2.5 to 2.5	Pass
				-10	3.85	-0.600	-0.0007	-2.5 to 2.5	Pass
				0	3.85	-0.700	-0.0008	-2.5 to 2.5	Pass
				10	3.85	0.300	0.0004	-2.5 to 2.5	Pass
				30	3.85	-1.100	-0.0013	-2.5 to 2.5	Pass
				40	3.85	0.600	0.0007	-2.5 to 2.5	Pass
				50	3.85	0.000	0.0000	-2.5 to 2.5	Pass
	844	50	0	20	3.27	1.900	0.0023	-2.5 to 2.5	Pass
					3.85	-0.400	-0.0005	-2.5 to 2.5	Pass
					4.43	-1.400	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	0.200	0.0002	-2.5 to 2.5	Pass
				-20	3.85	0.400	0.0005	-2.5 to 2.5	Pass
				-10	3.85	0.000	0.0000	-2.5 to 2.5	Pass
				0	3.85	-1.800	-0.0021	-2.5 to 2.5	Pass
				10	3.85	0.800	0.0009	-2.5 to 2.5	Pass
				30	3.85	-0.900	-0.0011	-2.5 to 2.5	Pass
				40	3.85	0.000	0.0000	-2.5 to 2.5	Pass
				50	3.85	-0.800	-0.0009	-2.5 to 2.5	Pass
16QAM	829	50	0	20	3.27	0.500	0.0006	-2.5 to 2.5	Pass
					3.85	1.400	0.0017	-2.5 to 2.5	Pass
					4.43	0.300	0.0004	-2.5 to 2.5	Pass
				-30	3.85	1.100	0.0013	-2.5 to 2.5	Pass
				-20	3.85	0.400	0.0005	-2.5 to 2.5	Pass
				-10	3.85	-0.100	-0.0001	-2.5 to 2.5	Pass
				0	3.85	0.500	0.0006	-2.5 to 2.5	Pass
				10	3.85	0.500	0.0006	-2.5 to 2.5	Pass
				30	3.85	-0.500	-0.0006	-2.5 to 2.5	Pass
				40	3.85	0.600	0.0007	-2.5 to 2.5	Pass
				50	3.85	0.200	0.0002	-2.5 to 2.5	Pass
	836.5	50	0	20	3.27	0.400	0.0005	-2.5 to 2.5	Pass
					3.85	-0.800	-0.0010	-2.5 to 2.5	Pass

					4.43	-2.000	-0.0024	-2.5 to 2.5	Pass
				-30	3.85	-0.200	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	-0.200	-0.0002	-2.5 to 2.5	Pass
				-10	3.85	0.900	0.0011	-2.5 to 2.5	Pass
				0	3.85	1.100	0.0013	-2.5 to 2.5	Pass
				10	3.85	0.800	0.0010	-2.5 to 2.5	Pass
				30	3.85	0.100	0.0001	-2.5 to 2.5	Pass
				40	3.85	1.300	0.0016	-2.5 to 2.5	Pass
				50	3.85	-1.500	-0.0018	-2.5 to 2.5	Pass
	844	50	0	20	3.27	-1.900	-0.0023	-2.5 to 2.5	Pass
					3.85	-0.800	-0.0009	-2.5 to 2.5	Pass
					4.43	-0.500	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	-0.300	-0.0004	-2.5 to 2.5	Pass
				-20	3.85	0.300	0.0004	-2.5 to 2.5	Pass
				-10	3.85	0.400	0.0005	-2.5 to 2.5	Pass
				0	3.85	-0.200	-0.0002	-2.5 to 2.5	Pass
				10	3.85	1.100	0.0013	-2.5 to 2.5	Pass
				30	3.85	0.700	0.0008	-2.5 to 2.5	Pass
				40	3.85	-1.200	-0.0014	-2.5 to 2.5	Pass
				50	3.85	-0.400	-0.0005	-2.5 to 2.5	Pass
64QAM	829	50	0	20	3.27	19.800	0.0239	-2.5 to 2.5	Pass
					3.85	-18.000	-0.0217	-2.5 to 2.5	Pass
					4.43	4.800	0.0058	-2.5 to 2.5	Pass
				-30	3.85	-8.800	-0.0106	-2.5 to 2.5	Pass
				-20	3.85	4.700	0.0057	-2.5 to 2.5	Pass
				-10	3.85	15.500	0.0187	-2.5 to 2.5	Pass
				0	3.85	35.500	0.0428	-2.5 to 2.5	Pass
				10	3.85	3.600	0.0043	-2.5 to 2.5	Pass
				30	3.85	8.800	0.0106	-2.5 to 2.5	Pass
				40	3.85	6.300	0.0076	-2.5 to 2.5	Pass
				50	3.85	-40.000	-0.0483	-2.5 to 2.5	Pass
	836.5	50	0	20	3.27	29.500	0.0353	-2.5 to 2.5	Pass
					3.85	-27.500	-0.0329	-2.5 to 2.5	Pass
					4.43	-26.300	-0.0314	-2.5 to 2.5	Pass
				-30	3.85	4.800	0.0057	-2.5 to 2.5	Pass
				-20	3.85	6.400	0.0077	-2.5 to 2.5	Pass
				-10	3.85	5.800	0.0069	-2.5 to 2.5	Pass
				0	3.85	17.300	0.0207	-2.5 to 2.5	Pass
				10	3.85	-25.100	-0.0300	-2.5 to 2.5	Pass
				30	3.85	-7.400	-0.0088	-2.5 to 2.5	Pass
				40	3.85	-35.800	-0.0428	-2.5 to 2.5	Pass
				50	3.85	-16.100	-0.0192	-2.5 to 2.5	Pass
	844	50	0	20	3.27	-19.900	-0.0236	-2.5 to 2.5	Pass
					3.85	26.700	0.0316	-2.5 to 2.5	Pass
					4.43	-21.100	-0.0250	-2.5 to 2.5	Pass
				-30	3.85	16.400	0.0194	-2.5 to 2.5	Pass
				-20	3.85	18.100	0.0214	-2.5 to 2.5	Pass
				-10	3.85	9.100	0.0108	-2.5 to 2.5	Pass
				0	3.85	8.100	0.0096	-2.5 to 2.5	Pass
				10	3.85	-14.400	-0.0171	-2.5 to 2.5	Pass
				30	3.85	1.300	0.0015	-2.5 to 2.5	Pass
				40	3.85	14.200	0.0168	-2.5 to 2.5	Pass
				50	3.85	-8.100	-0.0096	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

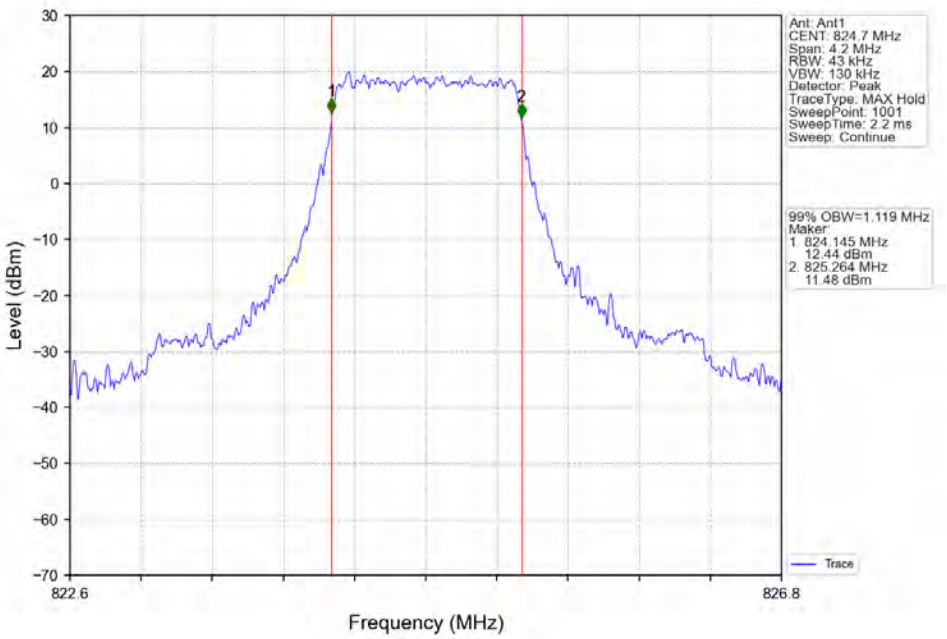
3.1 Band5_OBW

3.1.1 Test Result

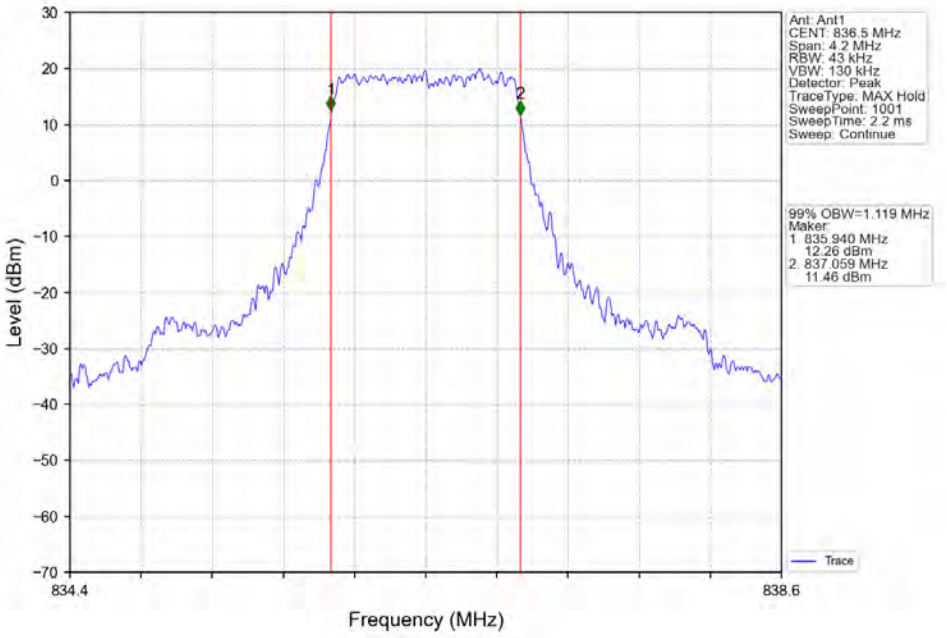
Band: 5 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	824.7	6	0	1.119	/	Pass
		836.5	6	0	1.119	/	Pass
		848.3	6	0	1.118	/	Pass
	16QAM	824.7	6	0	1.124	/	Pass
		836.5	6	0	1.126	/	Pass
		848.3	6	0	1.134	/	Pass
	64QAM	824.7	6	0	1.129	/	Pass
		836.5	6	0	1.129	/	Pass
		848.3	6	0	1.125	/	Pass
3	QPSK	825.5	15	0	2.735	/	Pass
		836.5	15	0	2.742	/	Pass
		847.5	15	0	2.753	/	Pass
	16QAM	825.5	15	0	2.748	/	Pass
		836.5	15	0	2.740	/	Pass
		847.5	15	0	2.746	/	Pass
	64QAM	825.5	15	0	2.740	/	Pass
		836.5	15	0	2.745	/	Pass
		847.5	15	0	2.736	/	Pass
5	QPSK	826.5	25	0	4.559	/	Pass
		836.5	25	0	4.555	/	Pass
		846.5	25	0	4.552	/	Pass
	16QAM	826.5	25	0	4.558	/	Pass
		836.5	25	0	4.560	/	Pass
		846.5	25	0	4.564	/	Pass
	64QAM	826.5	25	0	4.555	/	Pass
		836.5	25	0	4.577	/	Pass
		846.5	25	0	4.557	/	Pass
10	QPSK	829	50	0	9.075	/	Pass
		836.5	50	0	9.089	/	Pass
		844	50	0	9.085	/	Pass
	16QAM	829	50	0	9.060	/	Pass
		836.5	50	0	9.097	/	Pass
		844	50	0	9.085	/	Pass
	64QAM	829	50	0	9.104	/	Pass
		836.5	50	0	9.088	/	Pass
		844	50	0	9.071	/	Pass

3.1.2 Test Graph

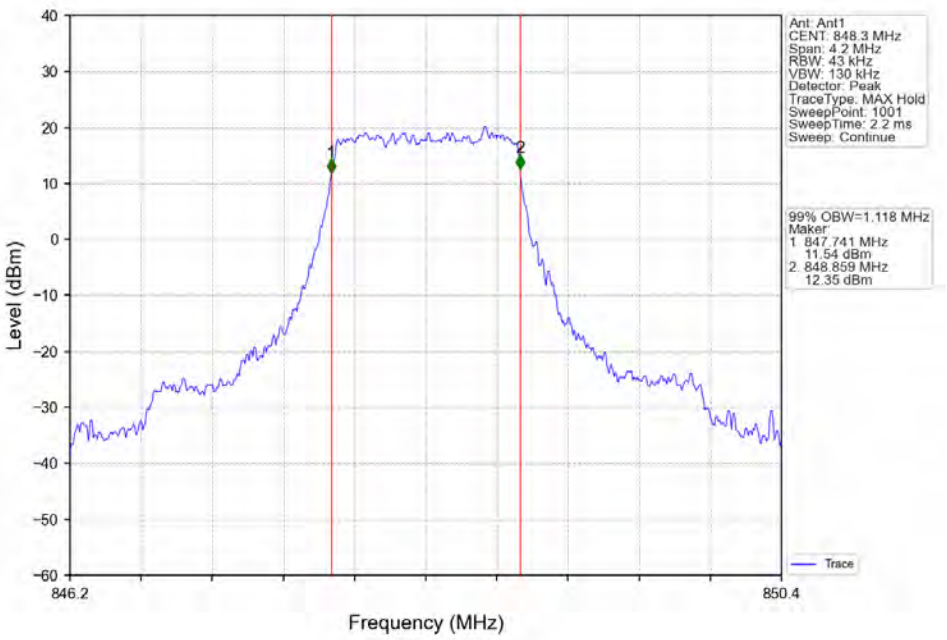
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



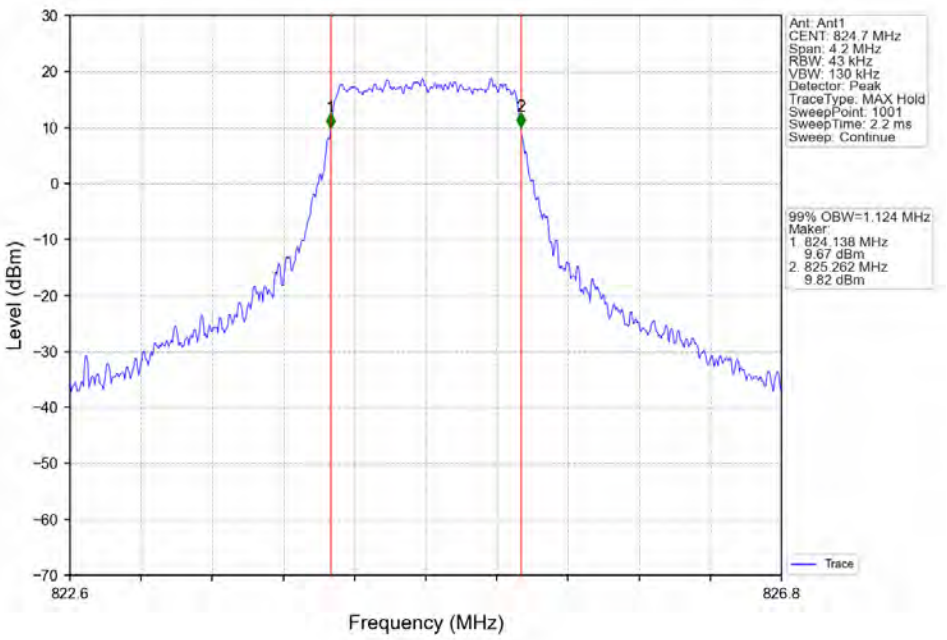
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV



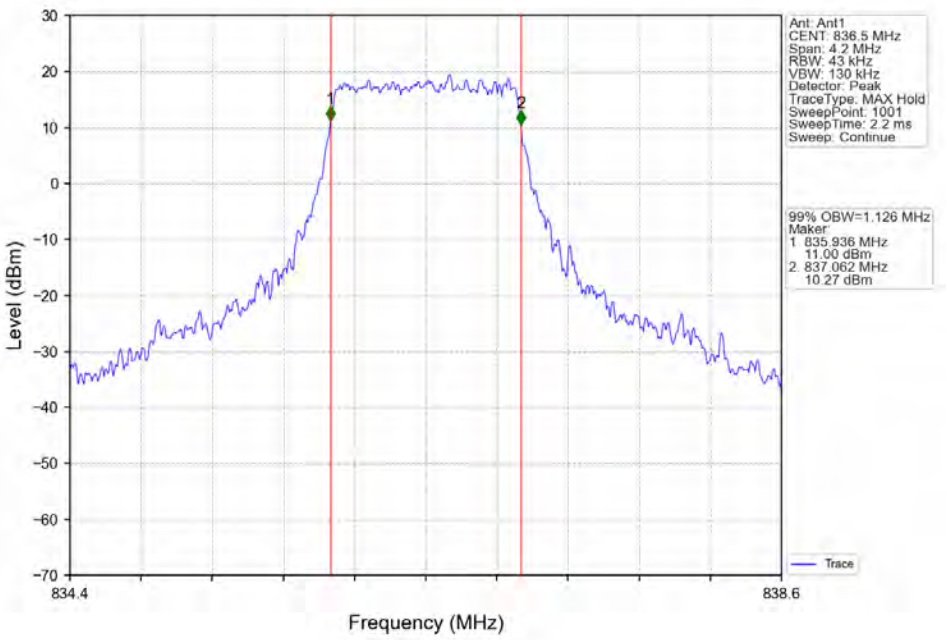
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



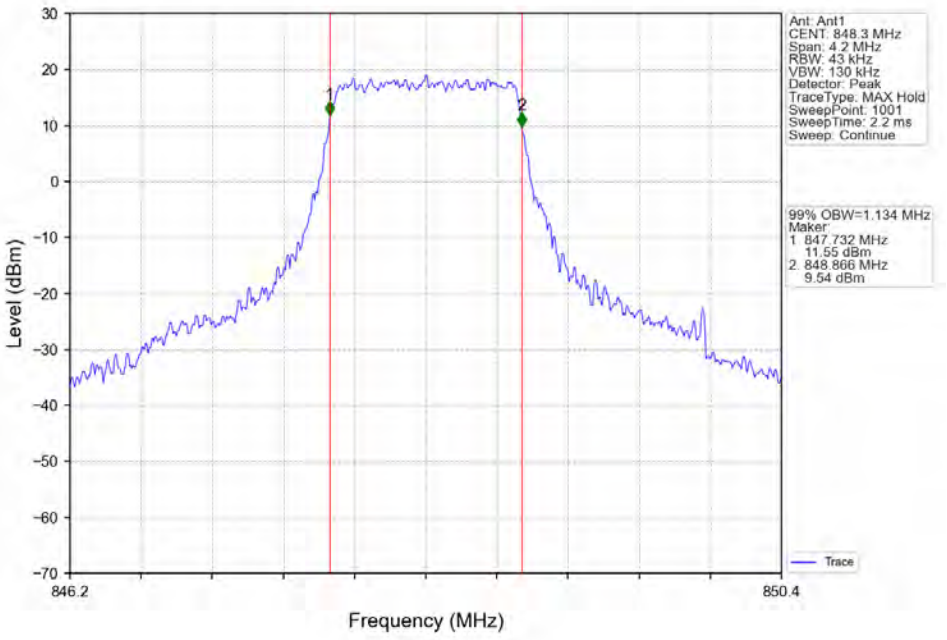
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



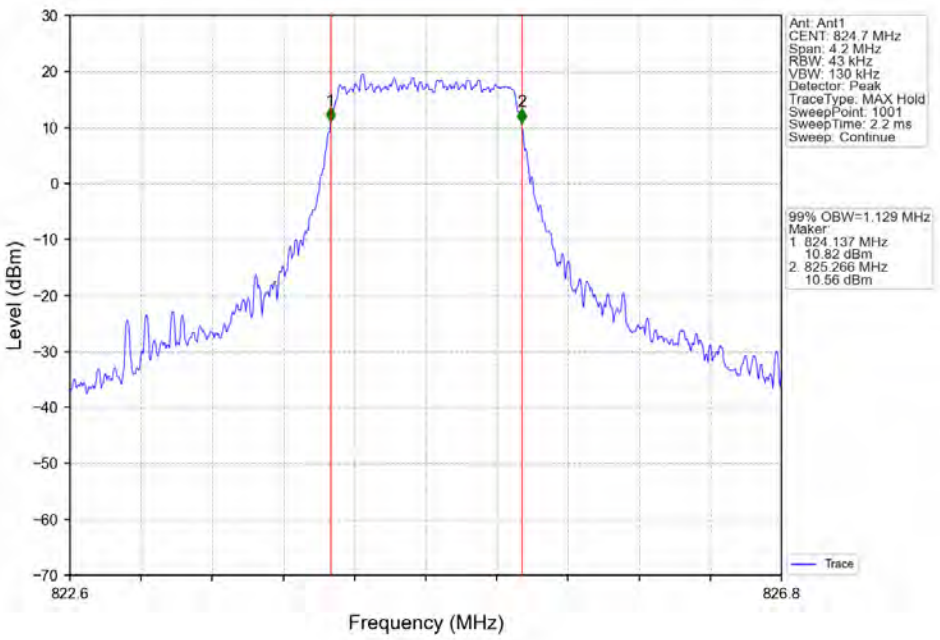
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



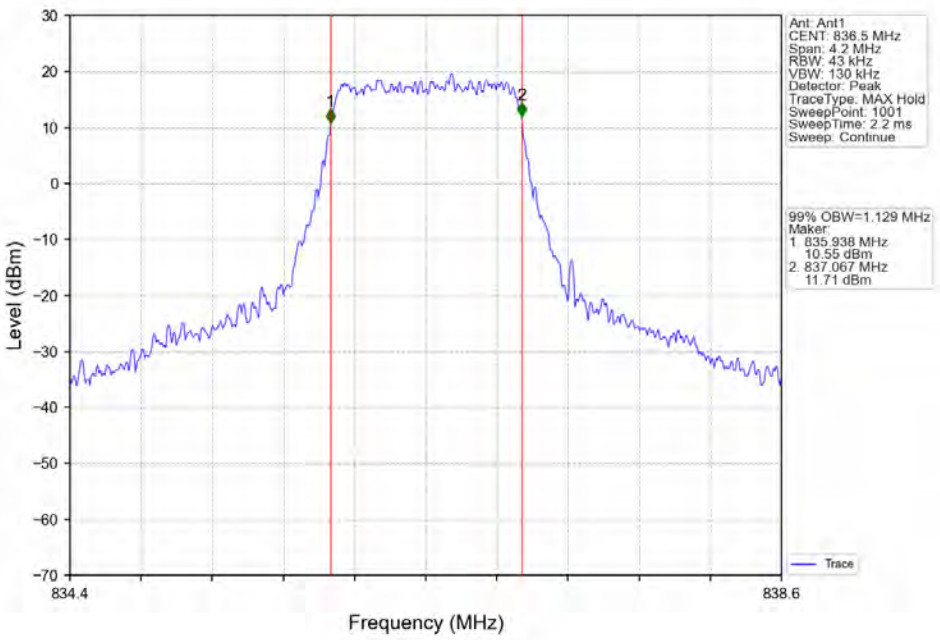
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



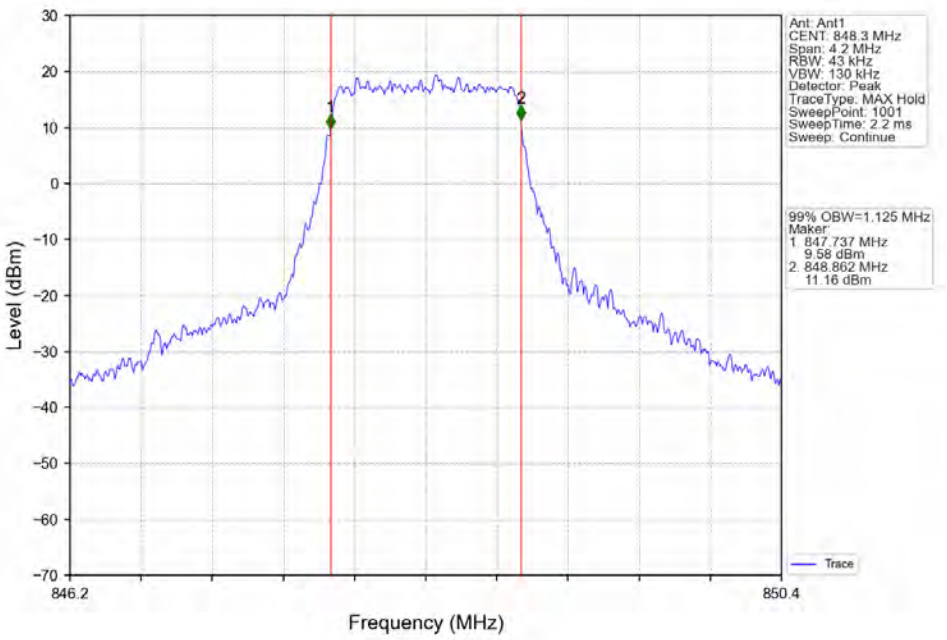
Band5_1.4MHz_64QAM_LCH_824.7MHz_RB_6_0_NTNV



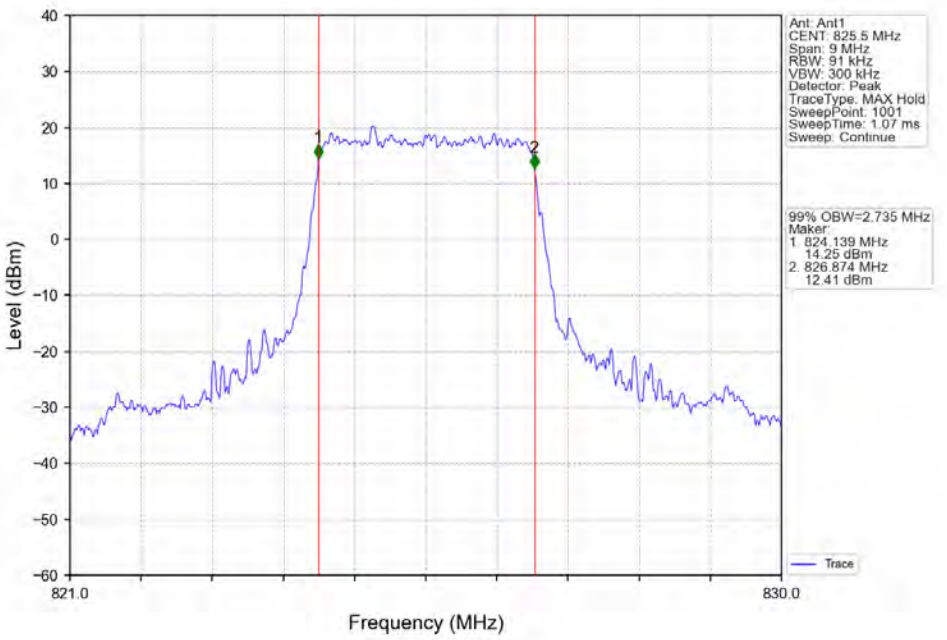
Band5_1.4MHz_64QAM_MCH_836.5MHz_RB_6_0_NTNV



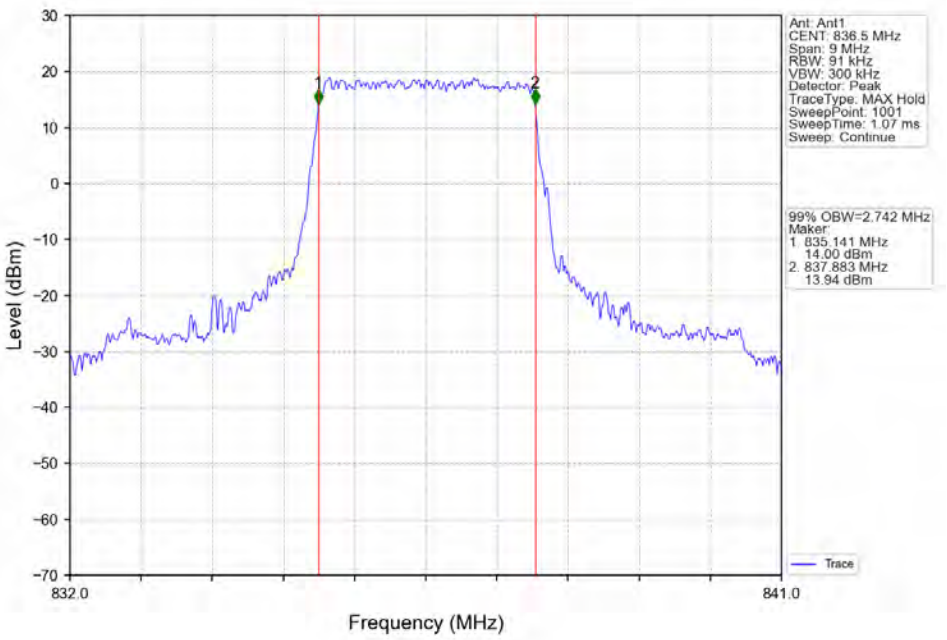
Band5_1.4MHz_64QAM_HCH_848.3MHz_RB_6_0_NTNV



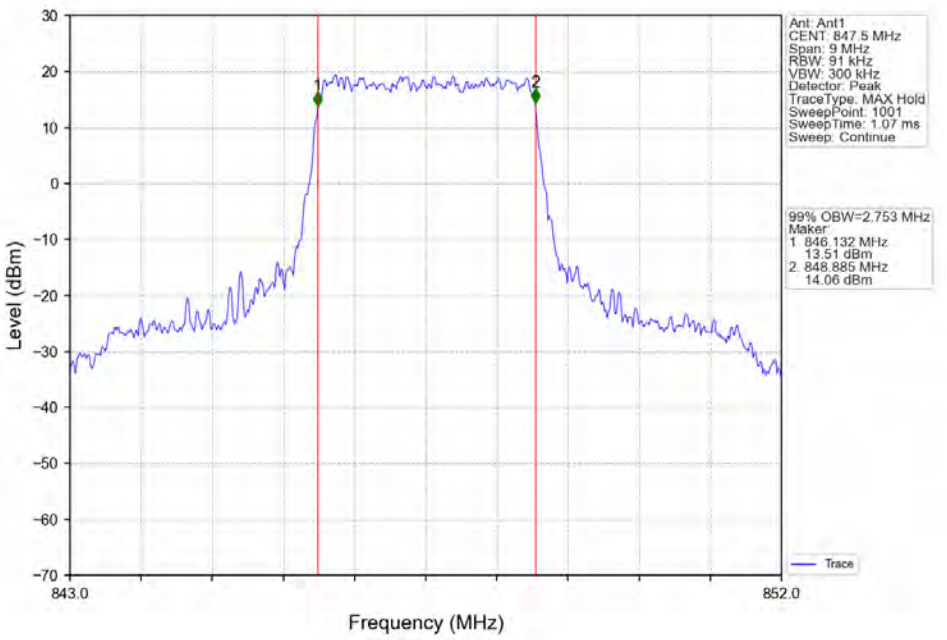
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



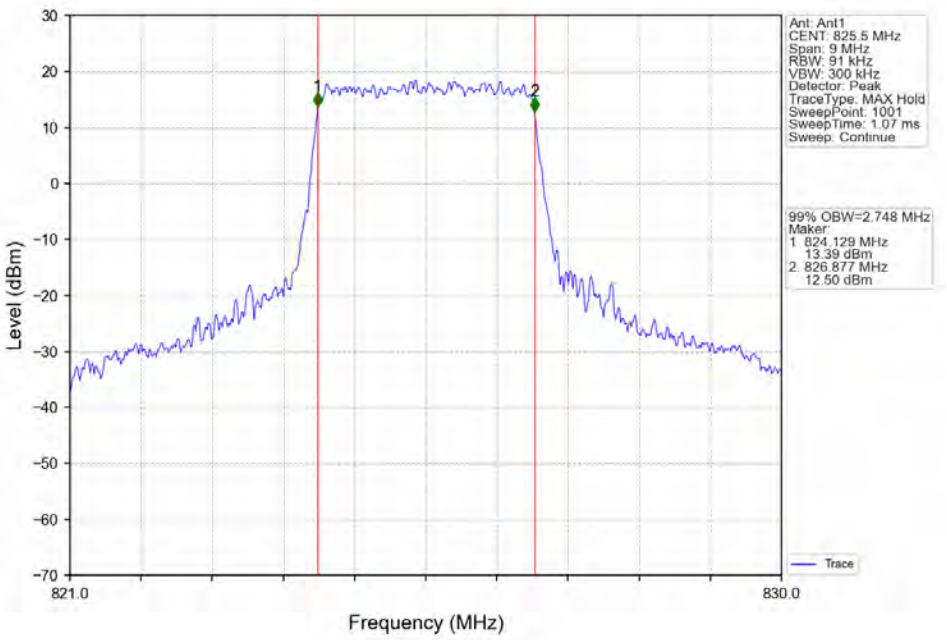
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



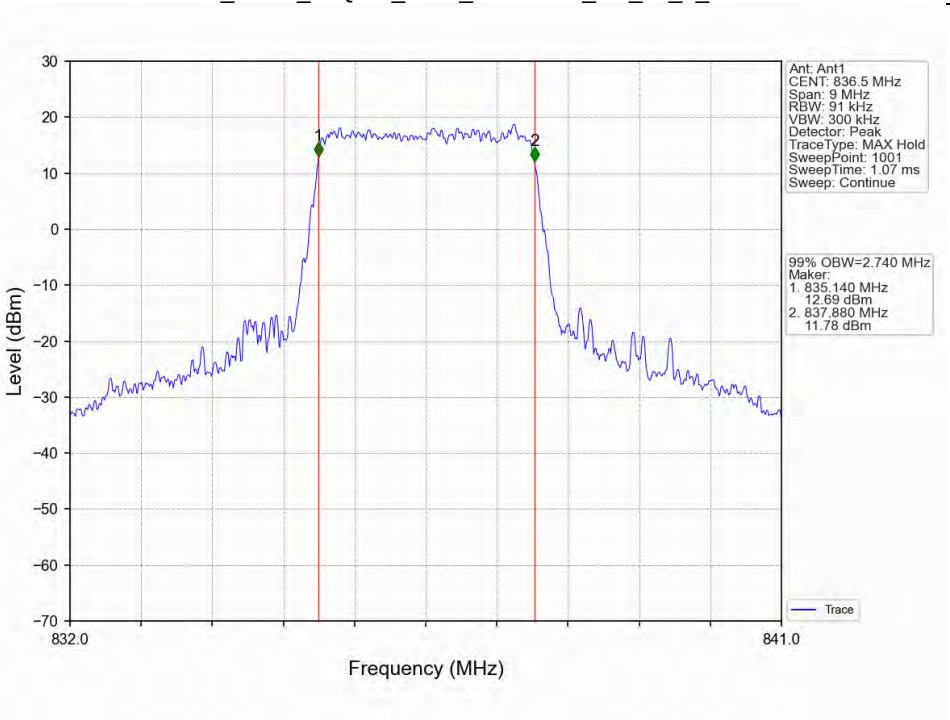
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



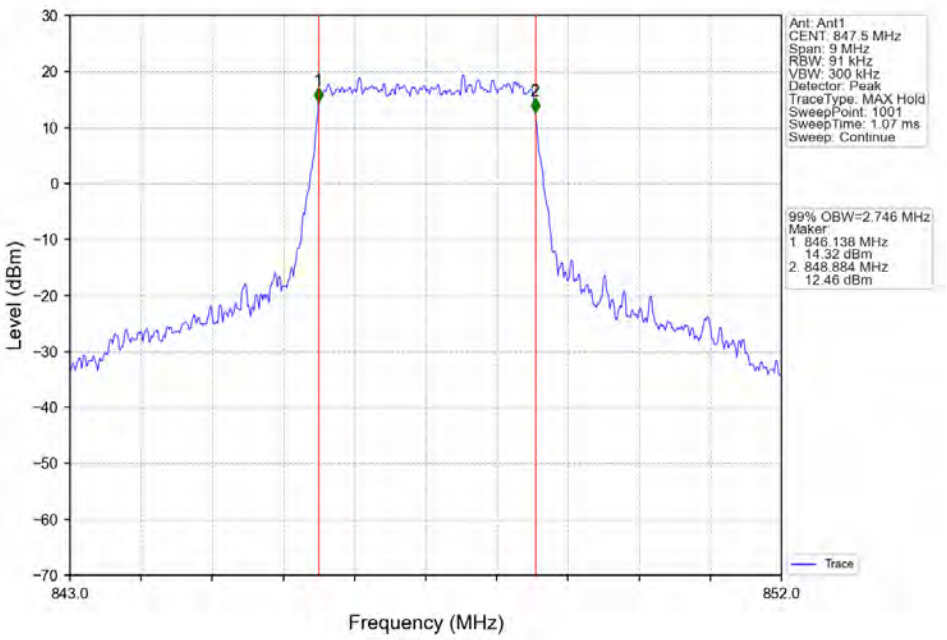
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



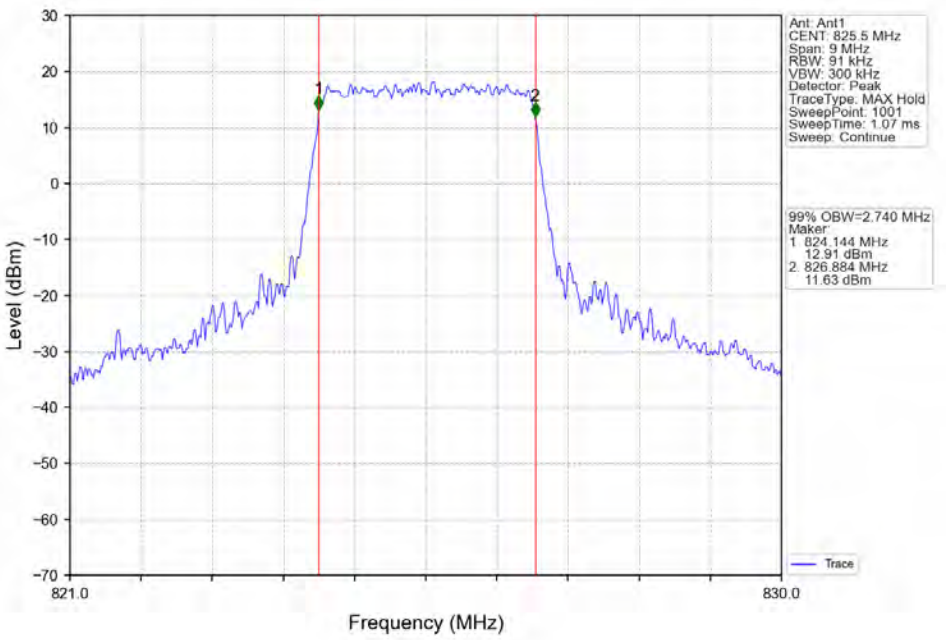
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



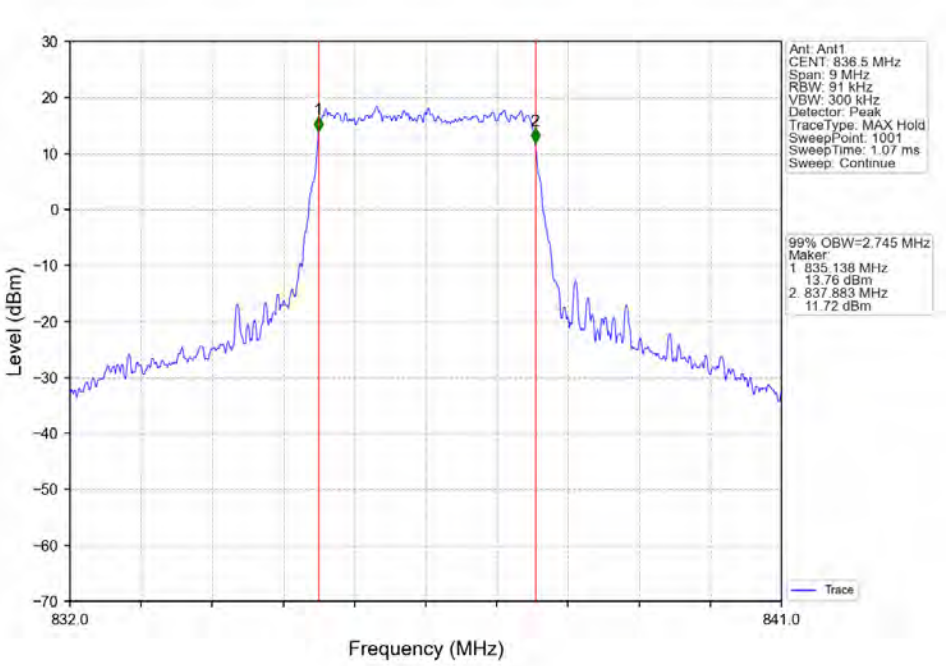
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



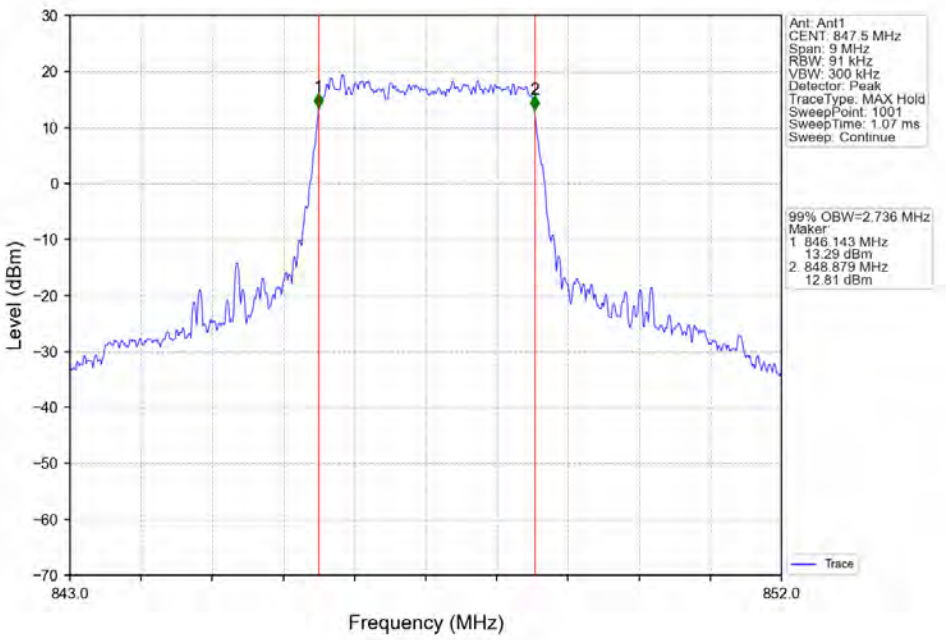
Band5_3MHz_64QAM_LCH_825.5MHz_RB_15_0_NTNV



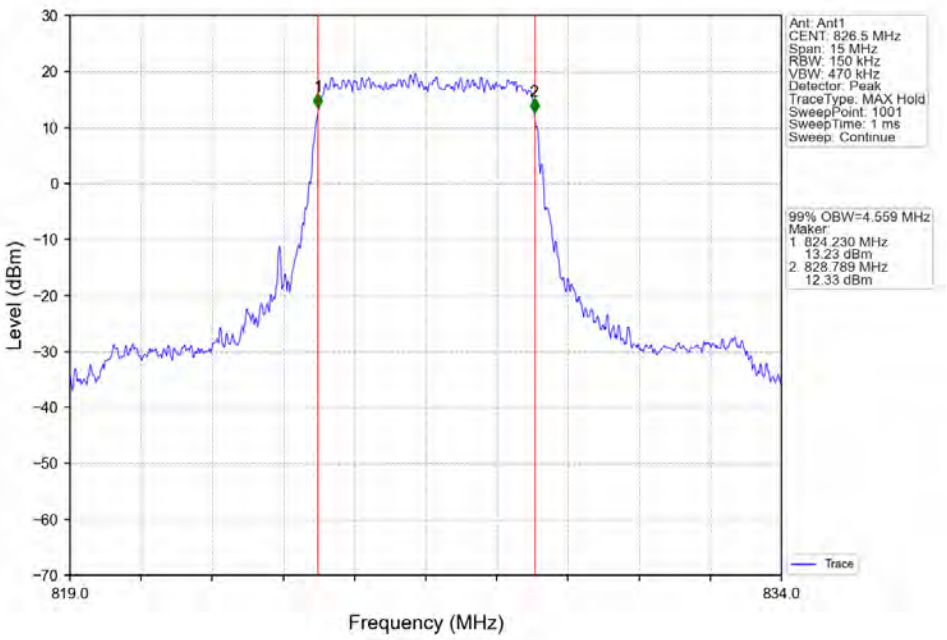
Band5_3MHz_64QAM_MCH_836.5MHz_RB_15_0_NTNV



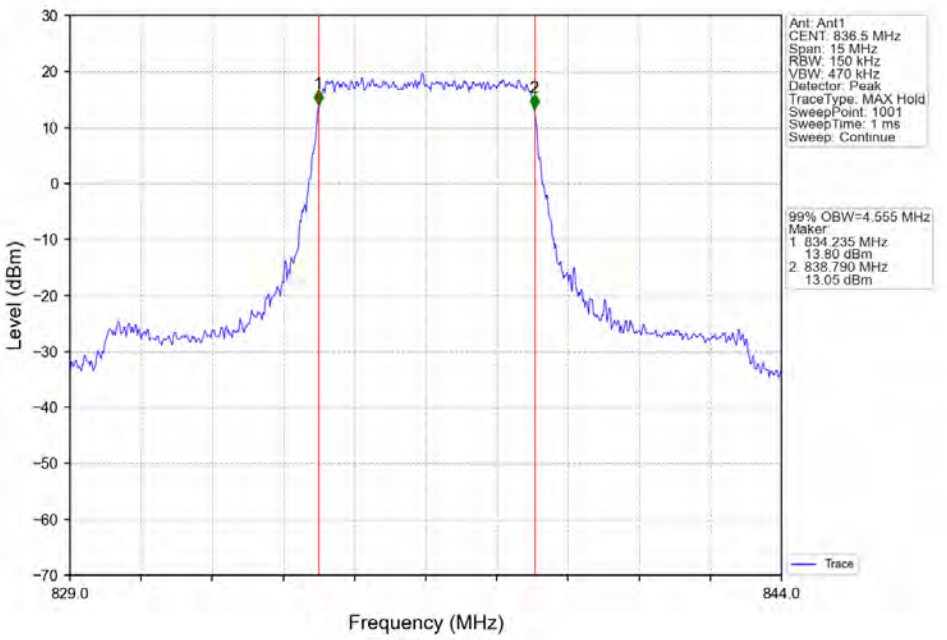
Band5_3MHz_64QAM_HCH_847.5MHz_RB_15_0_NTNV



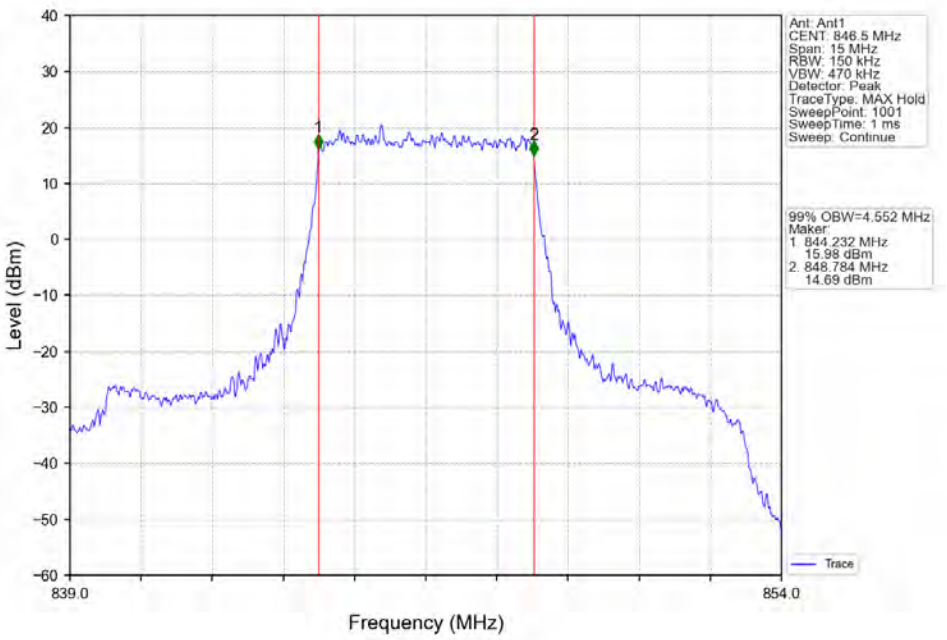
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



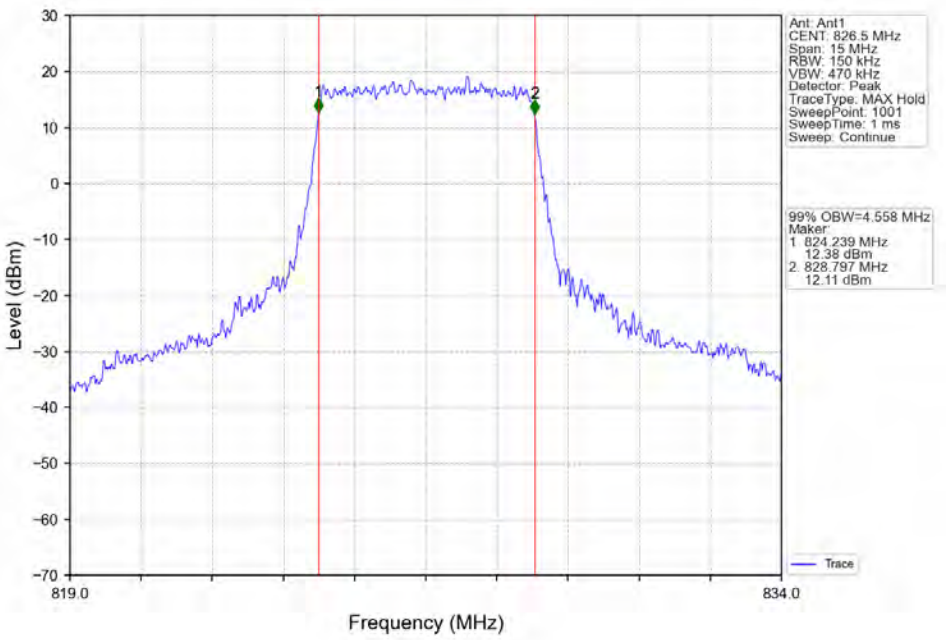
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



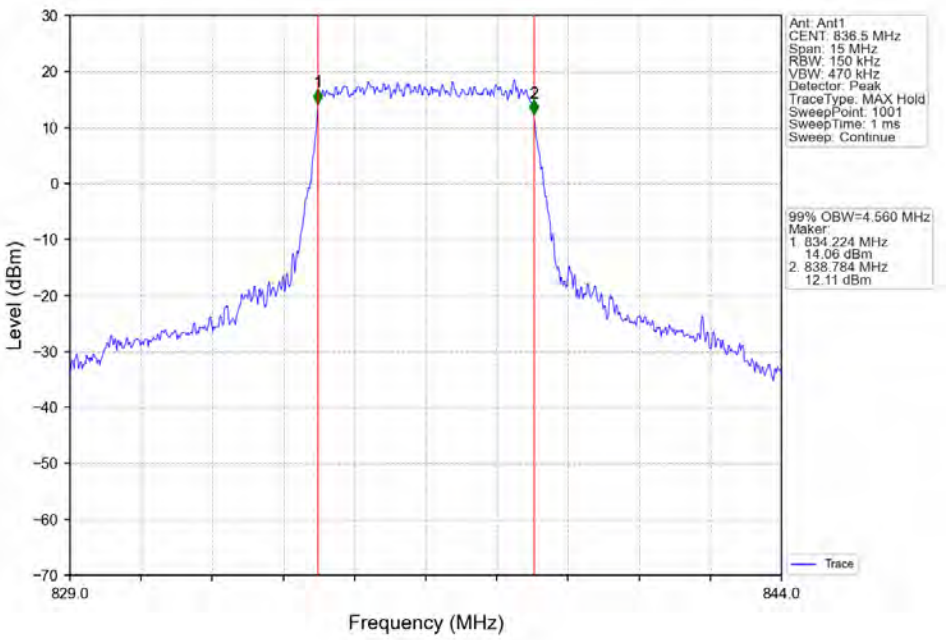
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



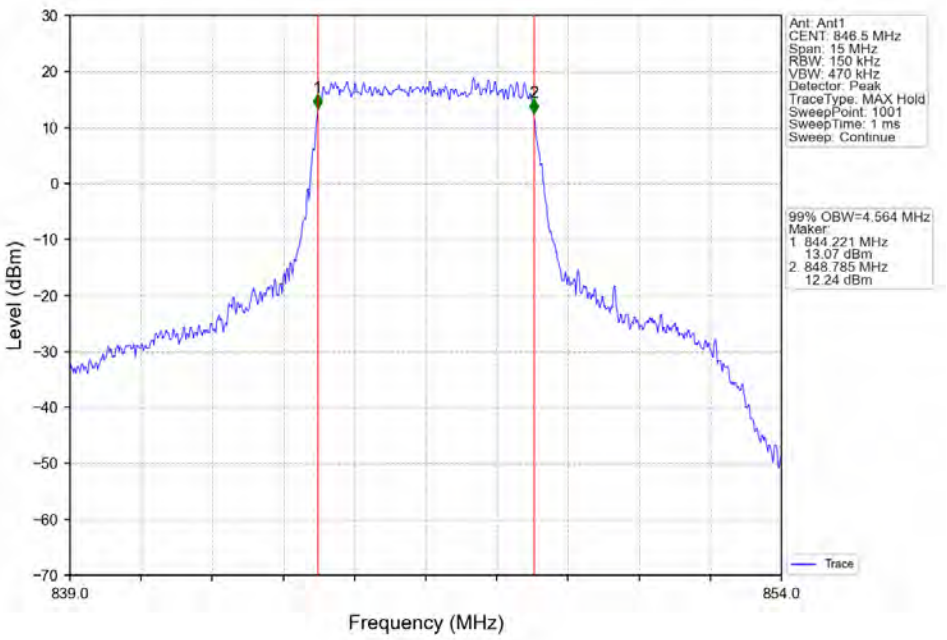
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



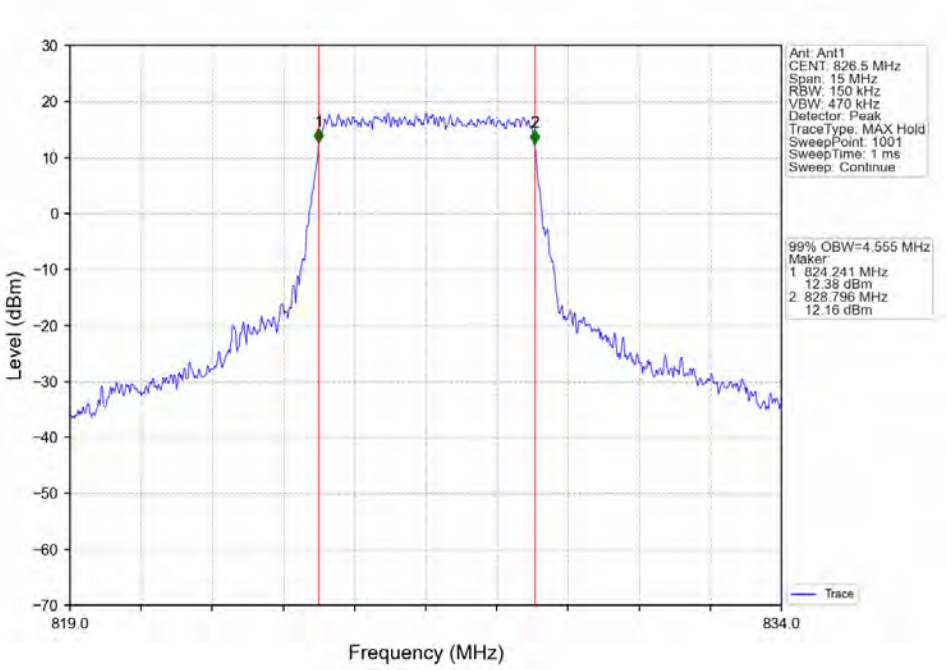
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



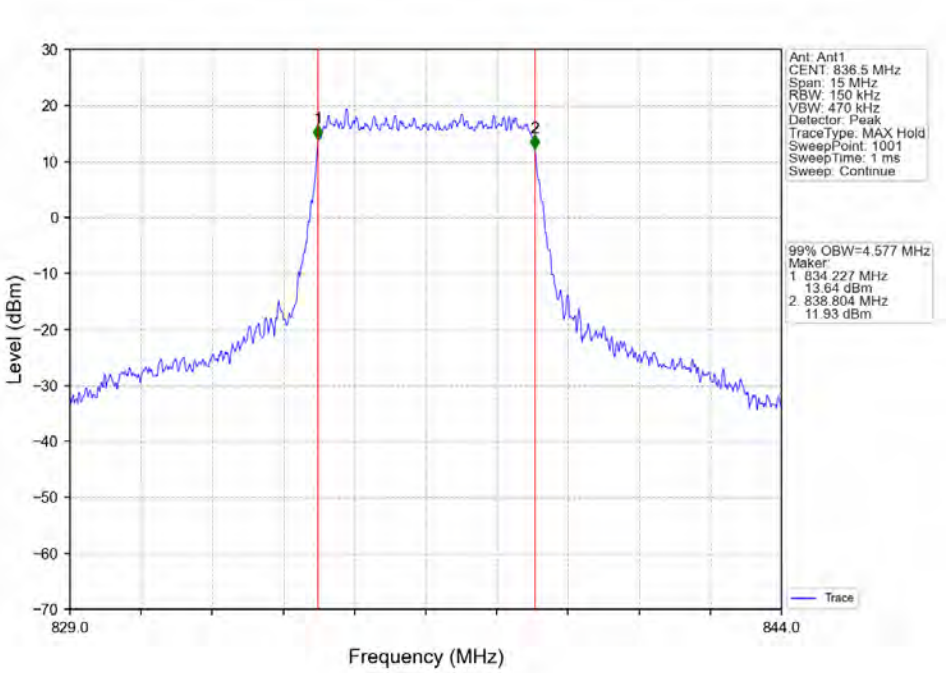
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



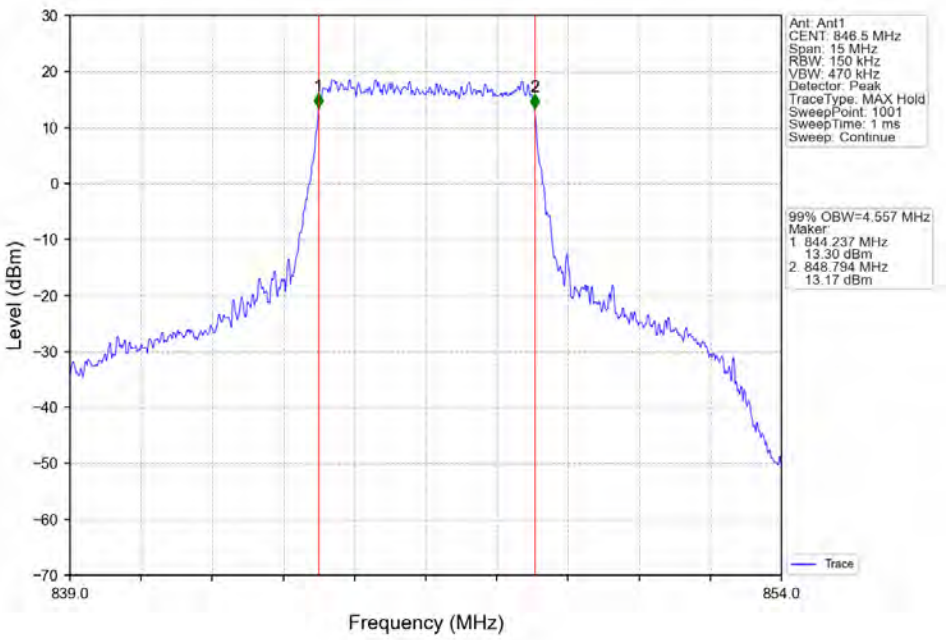
Band5_5MHz_64QAM_LCH_826.5MHz_RB_25_0_NTNV



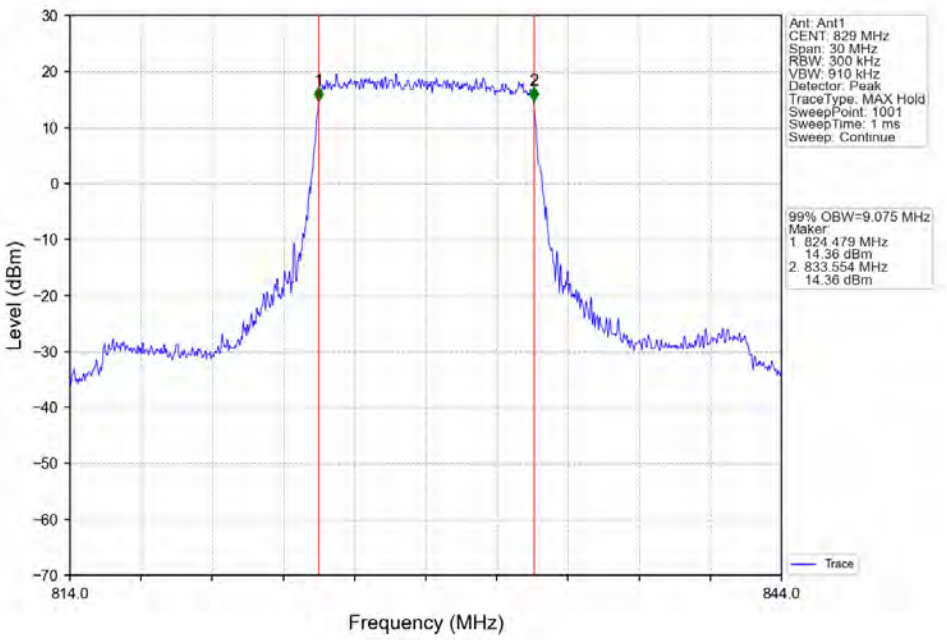
Band5_5MHz_64QAM_MCH_836.5MHz_RB_25_0_NTNV



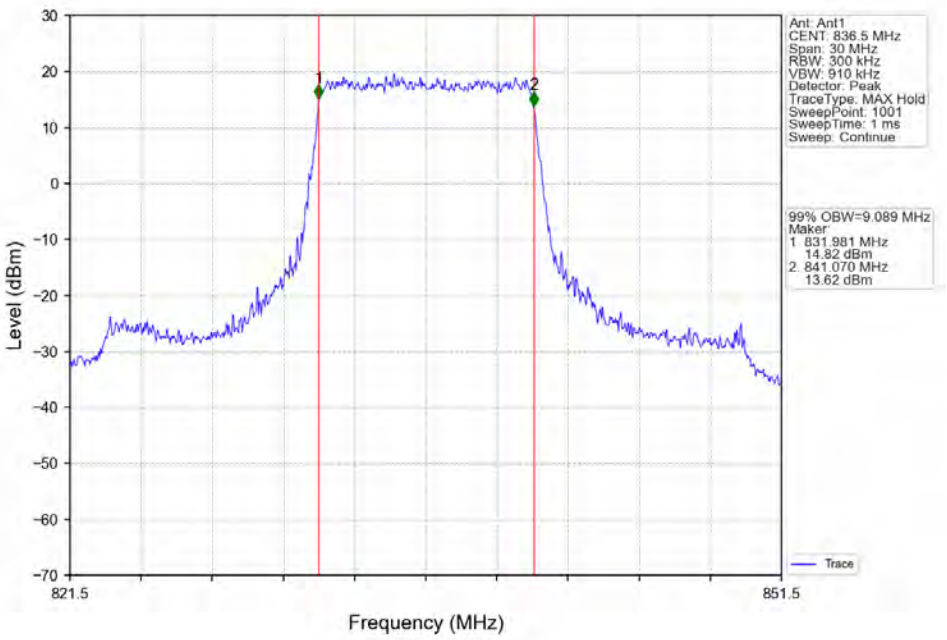
Band5_5MHz_64QAM_HCH_846.5MHz_RB_25_0_NTNV



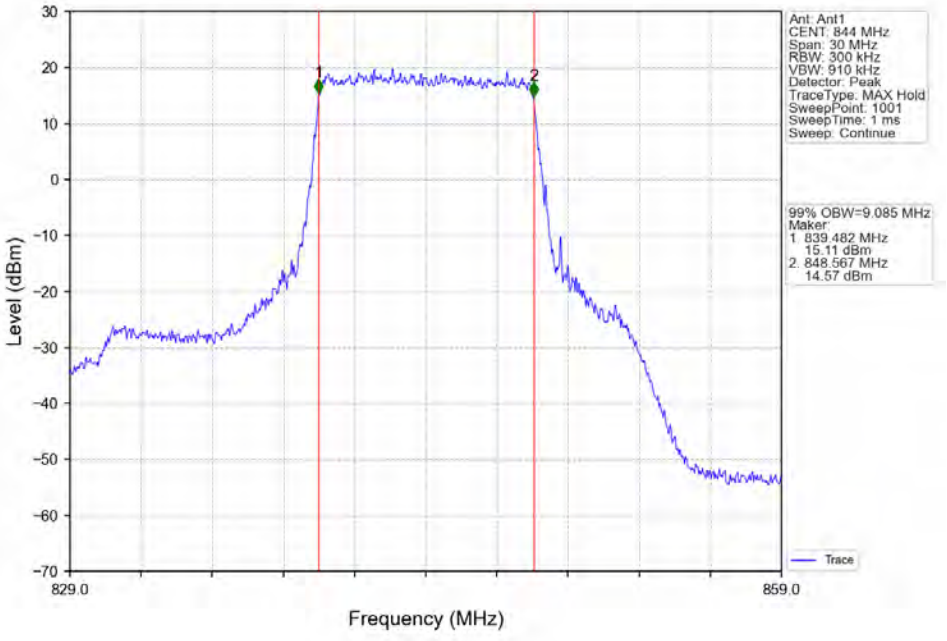
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



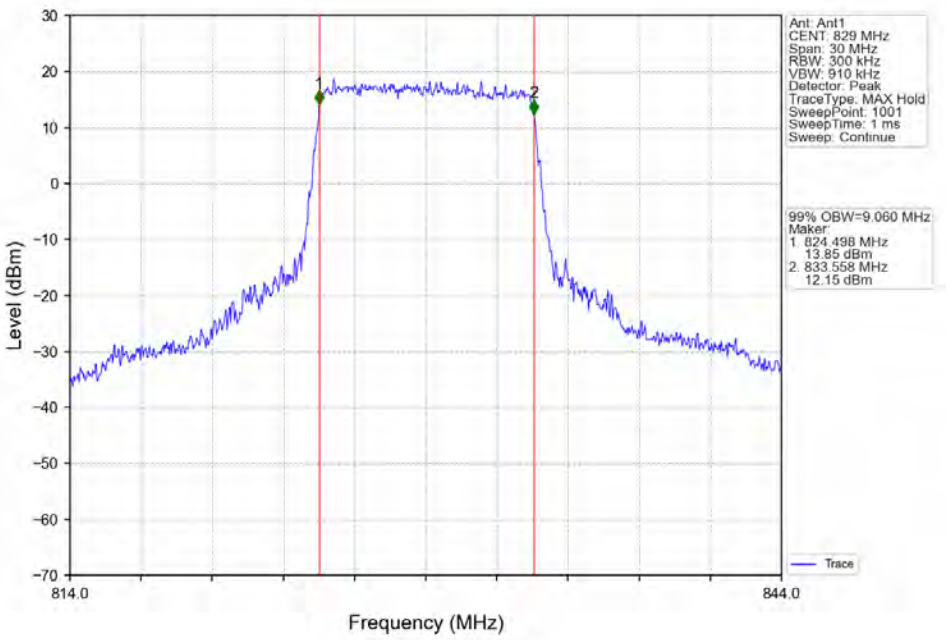
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



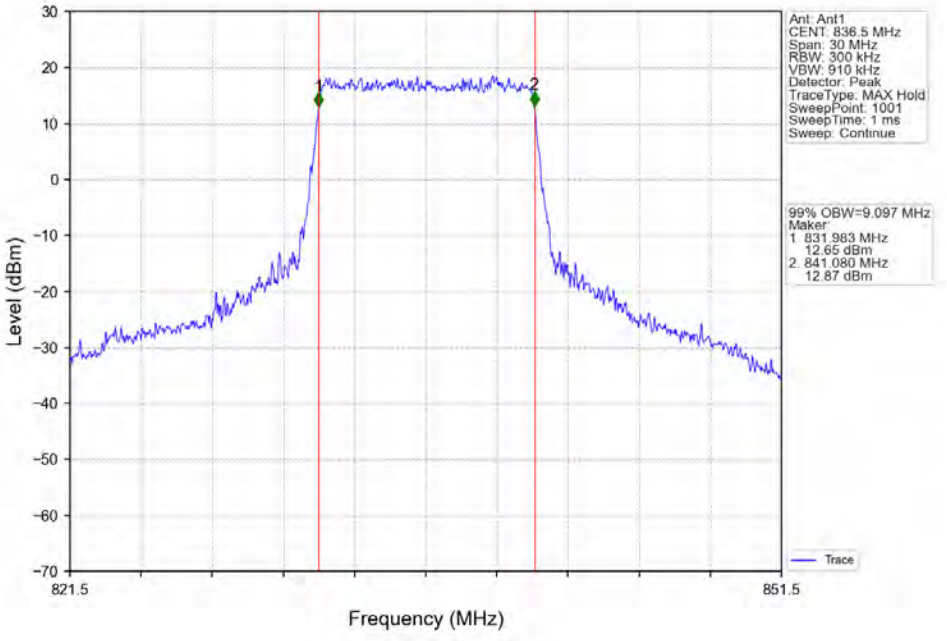
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



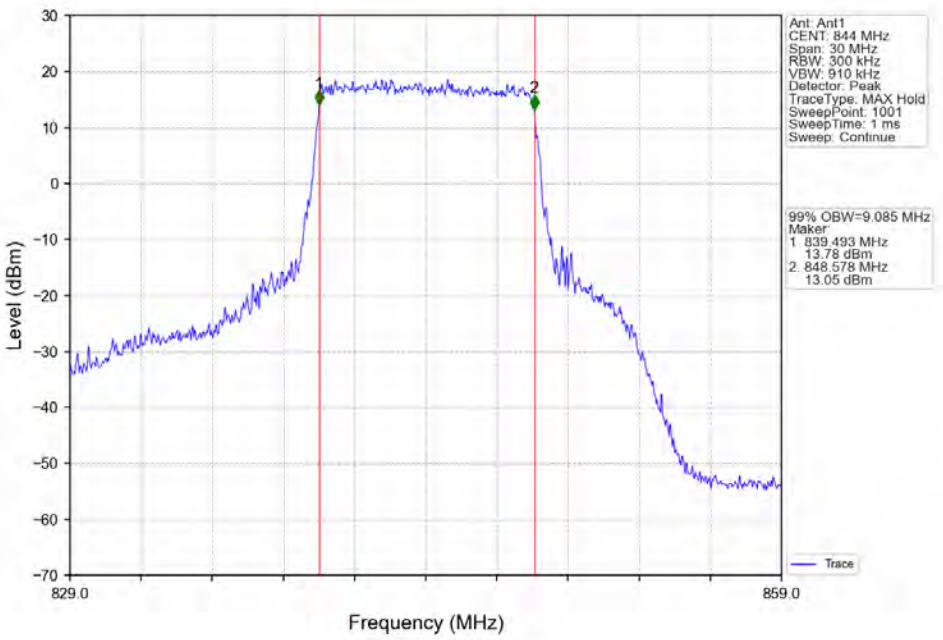
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



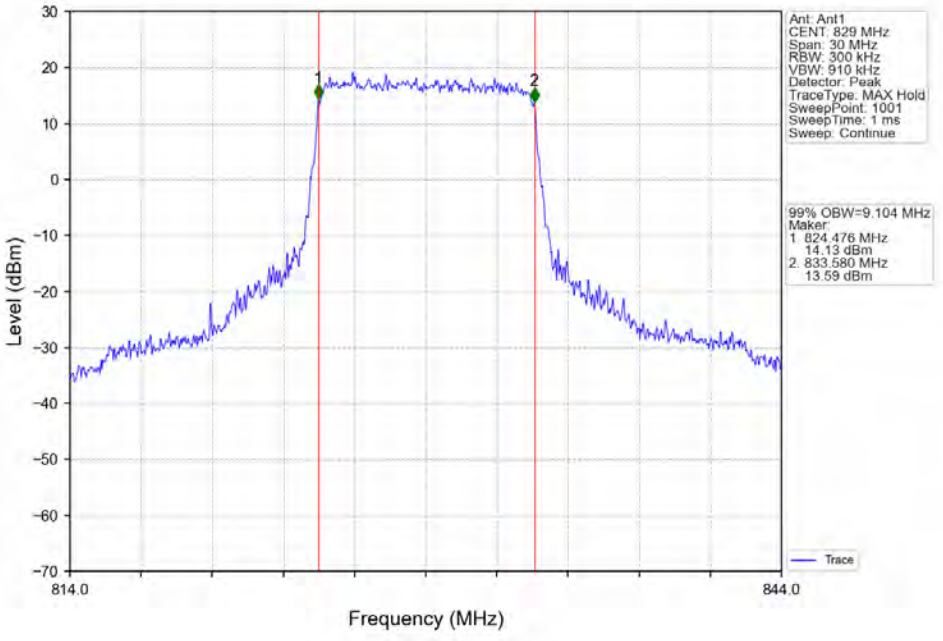
Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



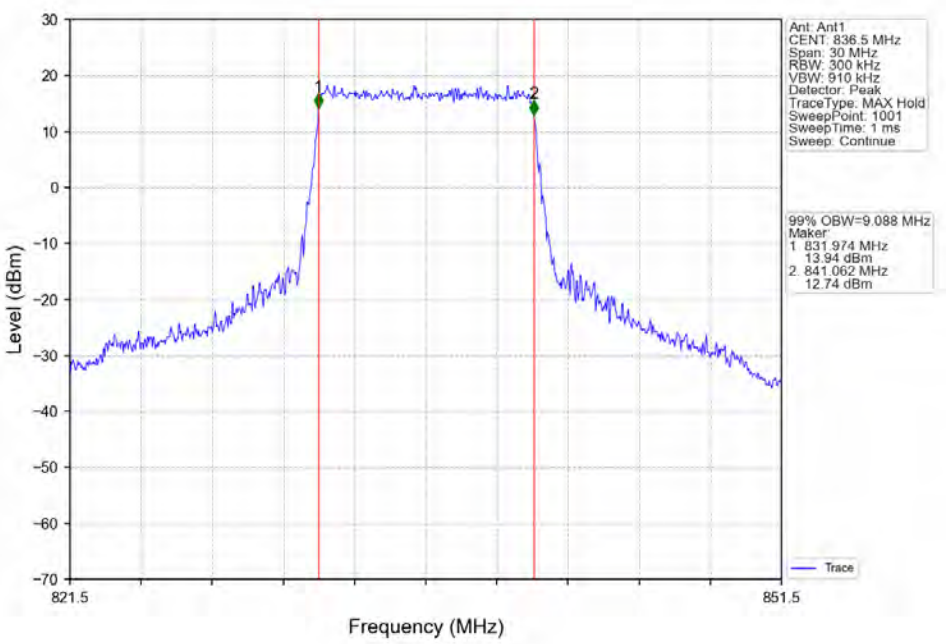
Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



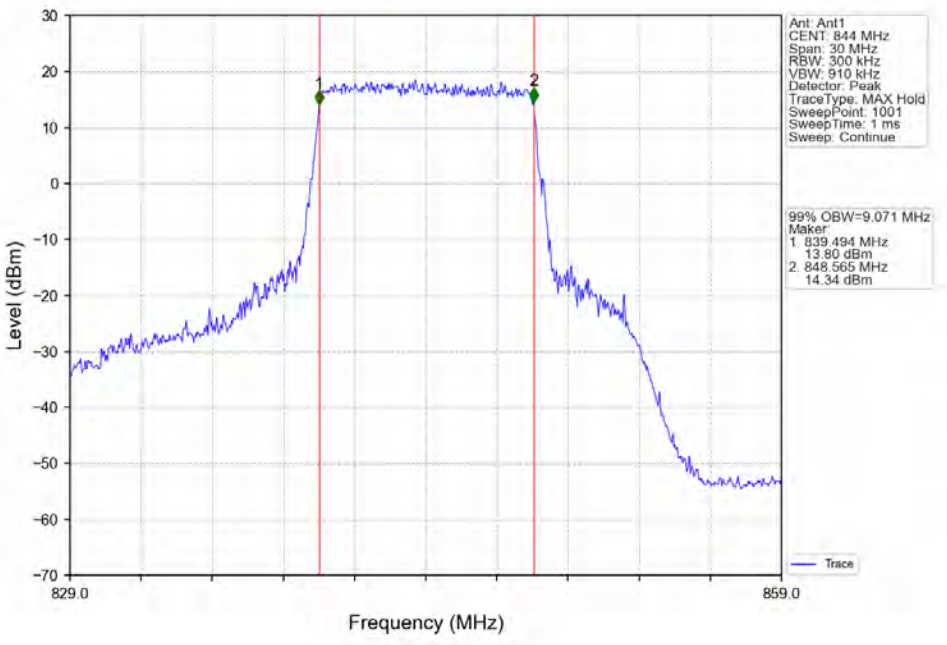
Band5_10MHz_64QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_64QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_64QAM_HCH_844MHz_RB_50_0_NTNV



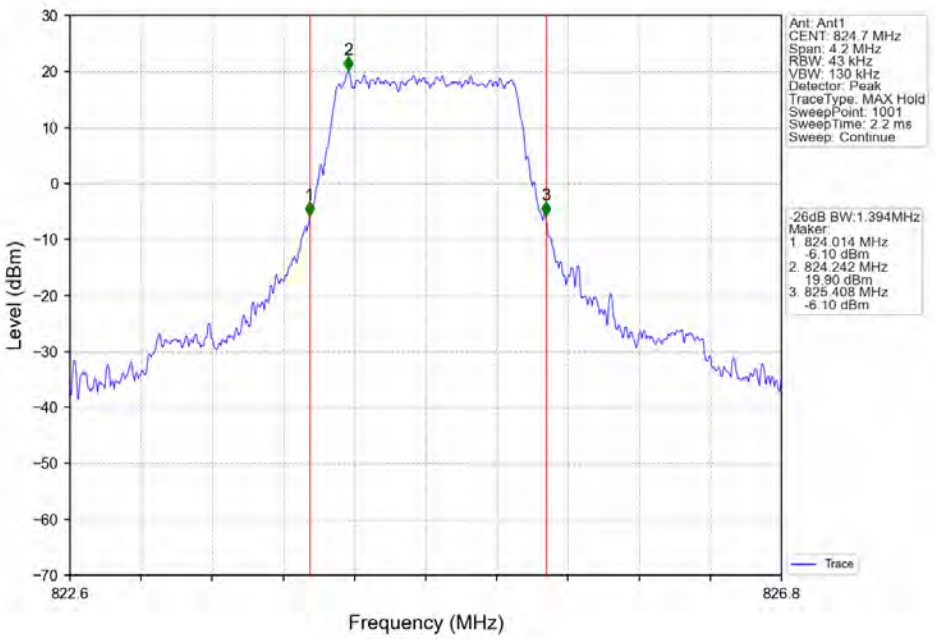
3.2 Band5_XDB

3.2.1 Test Result

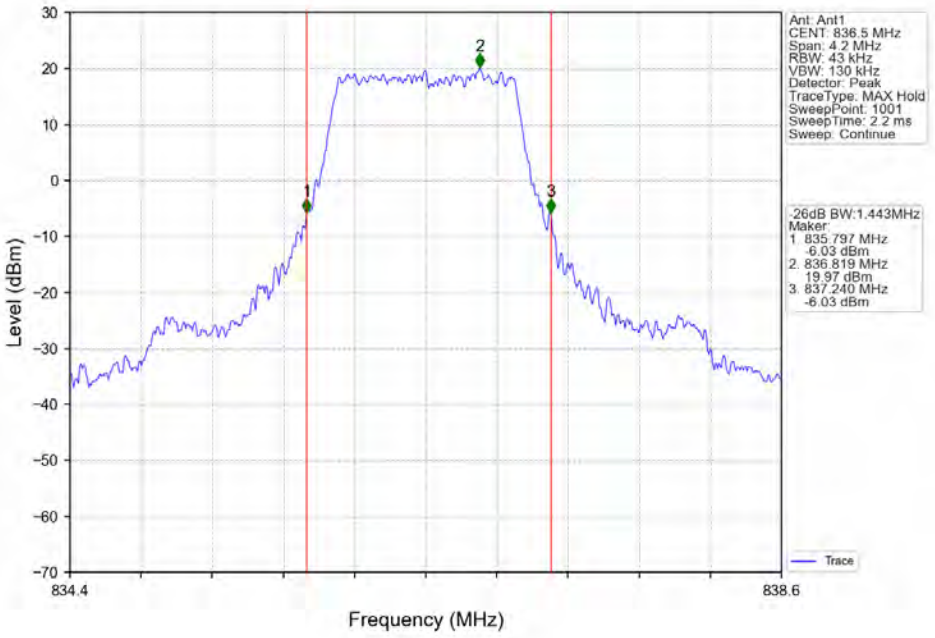
Band: 5 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	824.7	6	0	1.394	/	Pass
		836.5	6	0	1.443	/	Pass
		848.3	6	0	1.419	/	Pass
	16QAM	824.7	6	0	1.422	/	Pass
		836.5	6	0	1.431	/	Pass
		848.3	6	0	1.405	/	Pass
	64QAM	824.7	6	0	1.376	/	Pass
		836.5	6	0	1.370	/	Pass
		848.3	6	0	1.375	/	Pass
3	QPSK	825.5	15	0	3.125	/	Pass
		836.5	15	0	3.134	/	Pass
		847.5	15	0	3.151	/	Pass
	16QAM	825.5	15	0	3.115	/	Pass
		836.5	15	0	3.130	/	Pass
		847.5	15	0	3.124	/	Pass
	64QAM	825.5	15	0	3.119	/	Pass
		836.5	15	0	3.133	/	Pass
		847.5	15	0	3.088	/	Pass
5	QPSK	826.5	25	0	5.182	/	Pass
		836.5	25	0	5.240	/	Pass
		846.5	25	0	5.205	/	Pass
	16QAM	826.5	25	0	5.199	/	Pass
		836.5	25	0	5.224	/	Pass
		846.5	25	0	5.186	/	Pass
	64QAM	826.5	25	0	5.238	/	Pass
		836.5	25	0	5.214	/	Pass
		846.5	25	0	5.230	/	Pass
10	QPSK	829	50	0	10.172	/	Pass
		836.5	50	0	10.237	/	Pass
		844	50	0	10.161	/	Pass
	16QAM	829	50	0	10.082	/	Pass
		836.5	50	0	10.219	/	Pass
		844	50	0	10.250	/	Pass
	64QAM	829	50	0	10.078	/	Pass
		836.5	50	0	10.182	/	Pass
		844	50	0	10.193	/	Pass

3.2.2 Test Graph

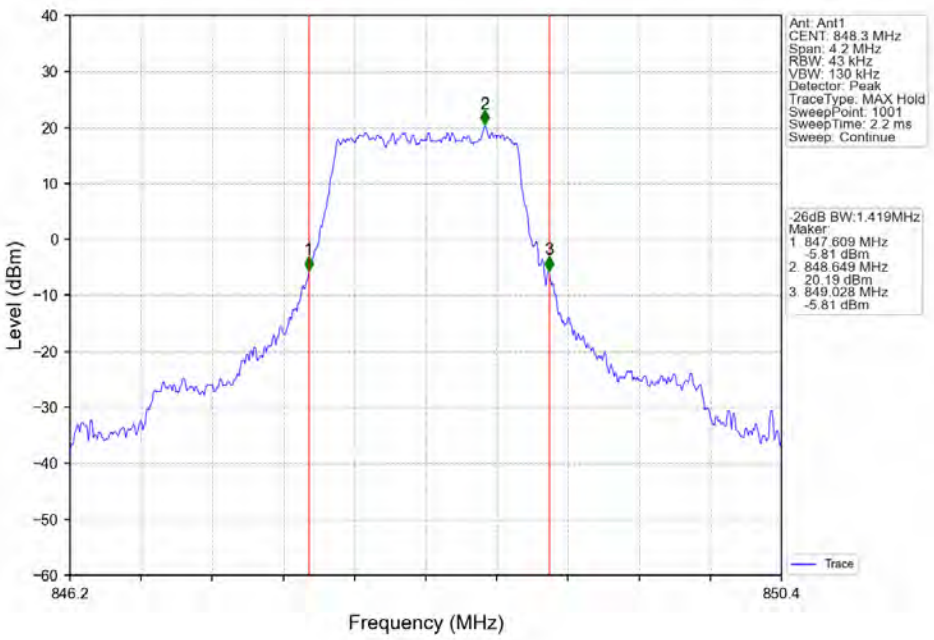
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



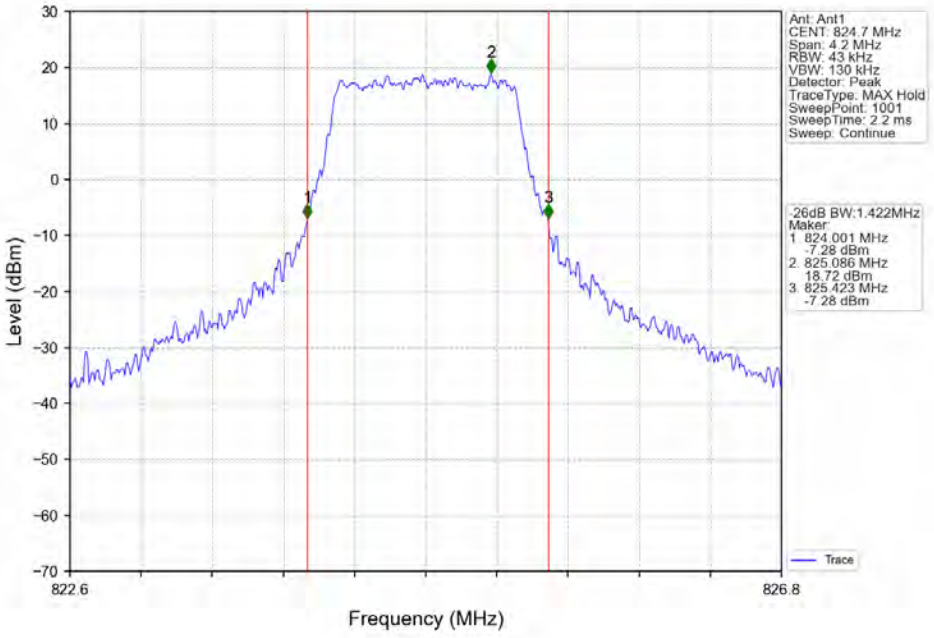
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV



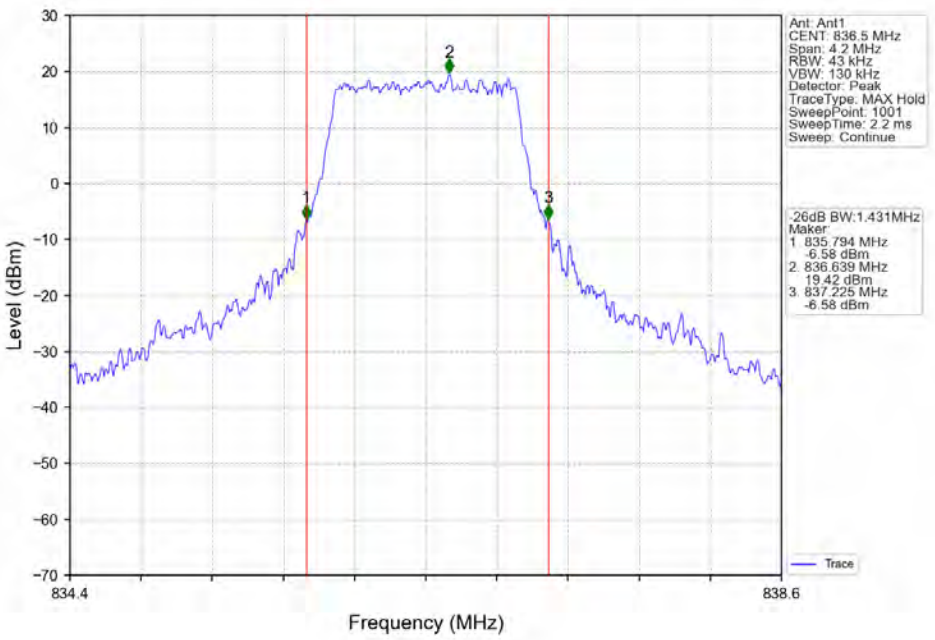
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



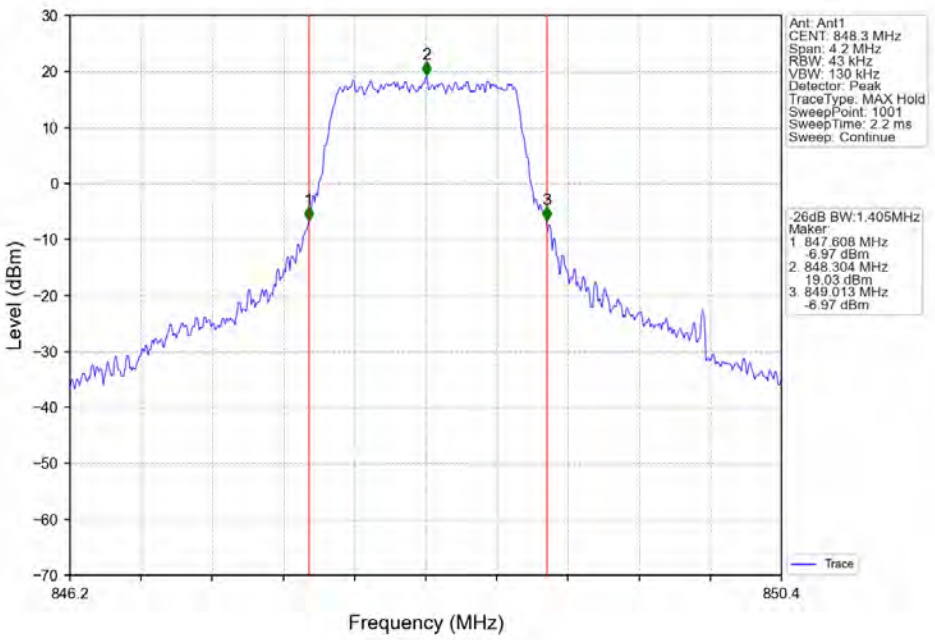
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



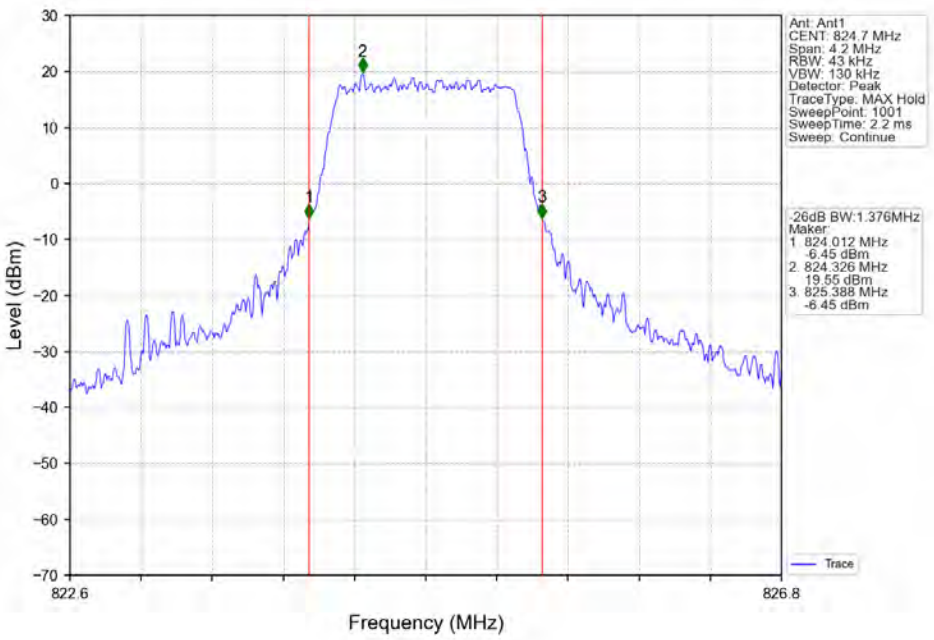
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



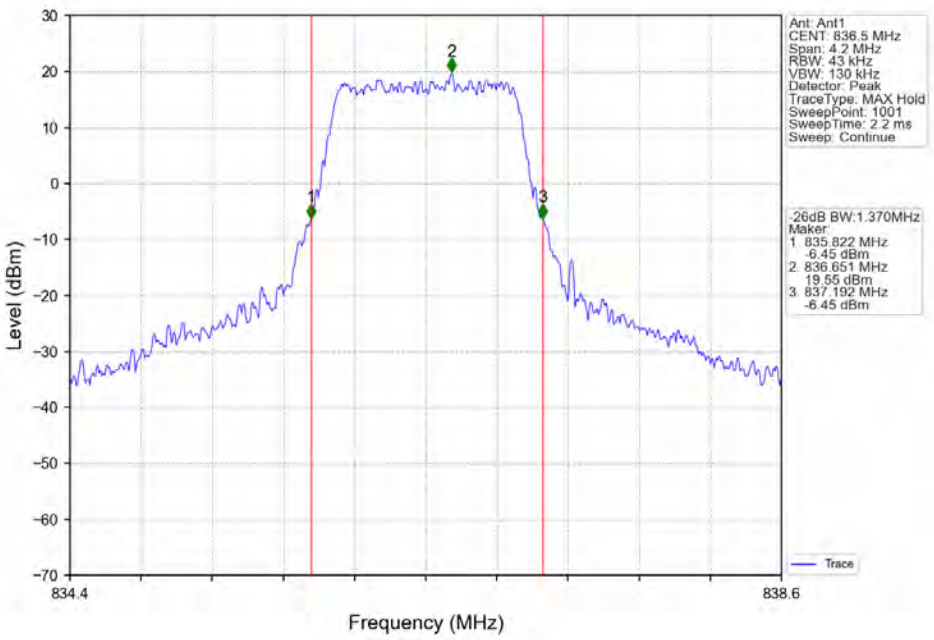
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



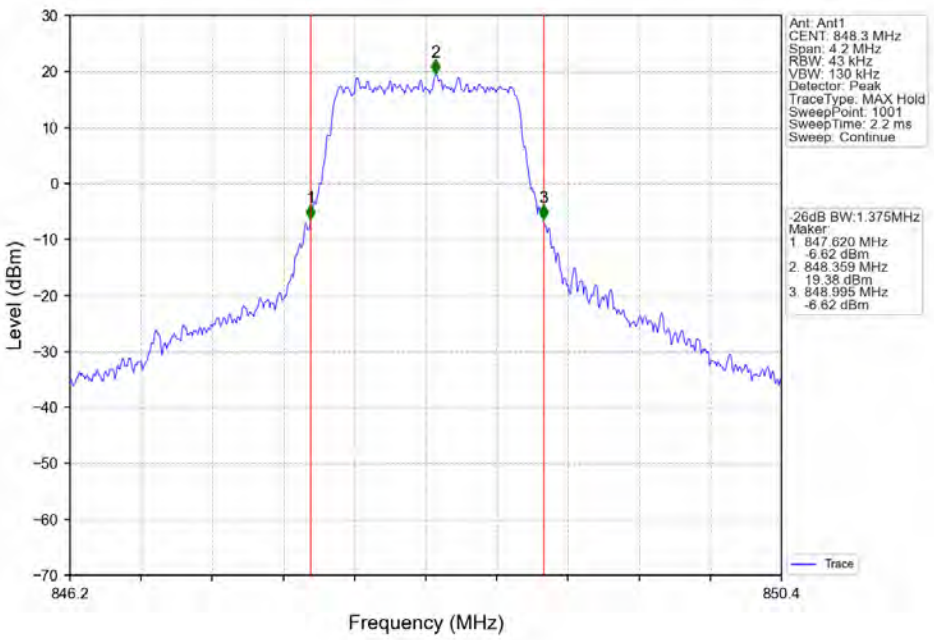
Band5_1.4MHz_64QAM_LCH_824.7MHz_RB_6_0_NTNV



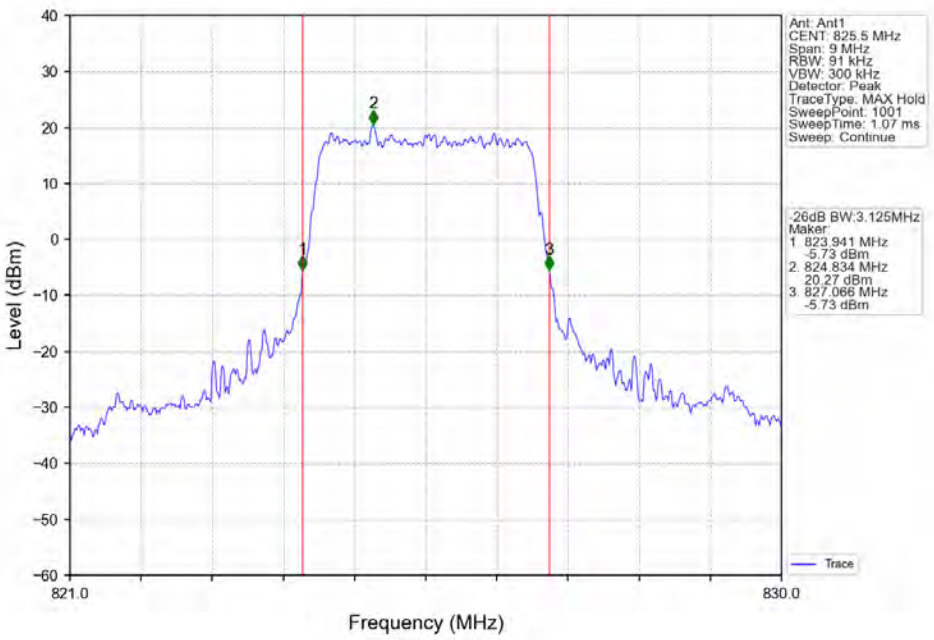
Band5_1.4MHz_64QAM_MCH_836.5MHz_RB_6_0_NTNV



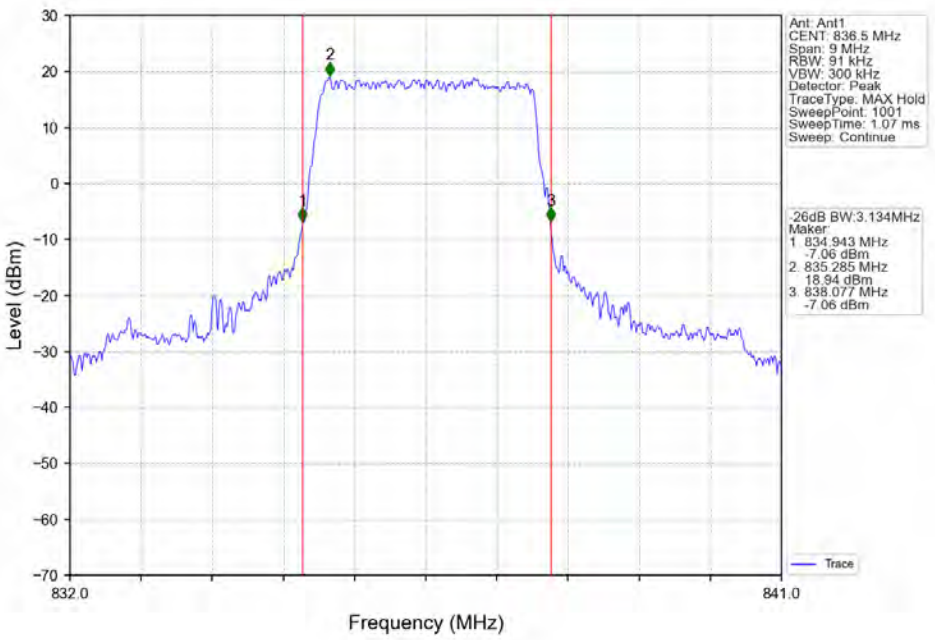
Band5_1.4MHz_64QAM_HCH_848.3MHz_RB_6_0_NTNV



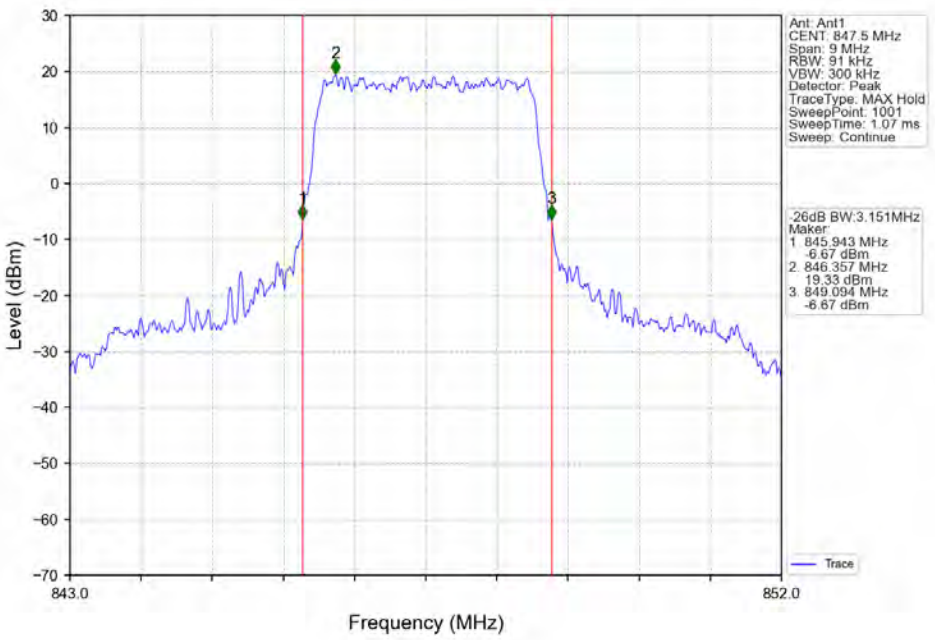
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



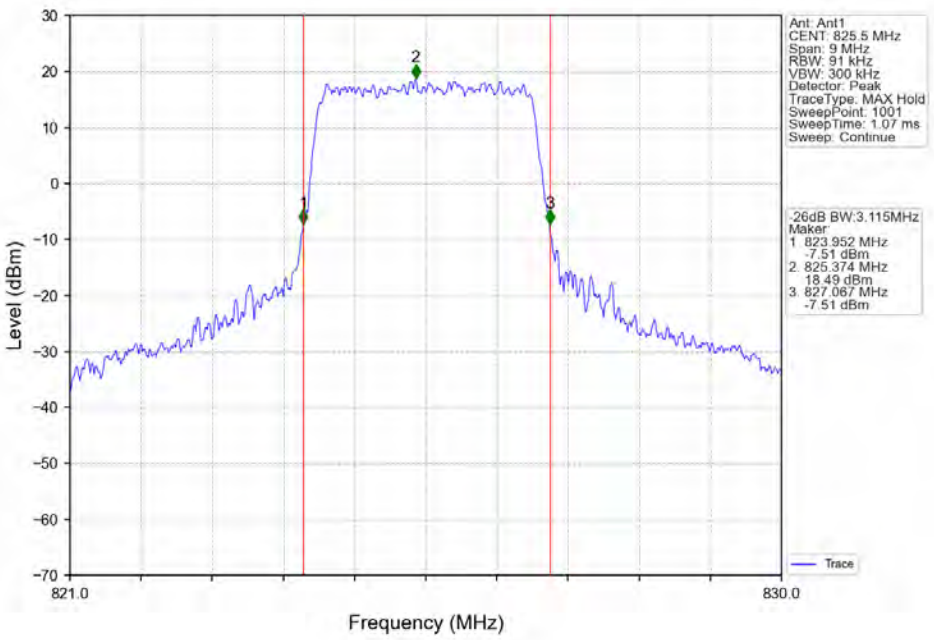
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



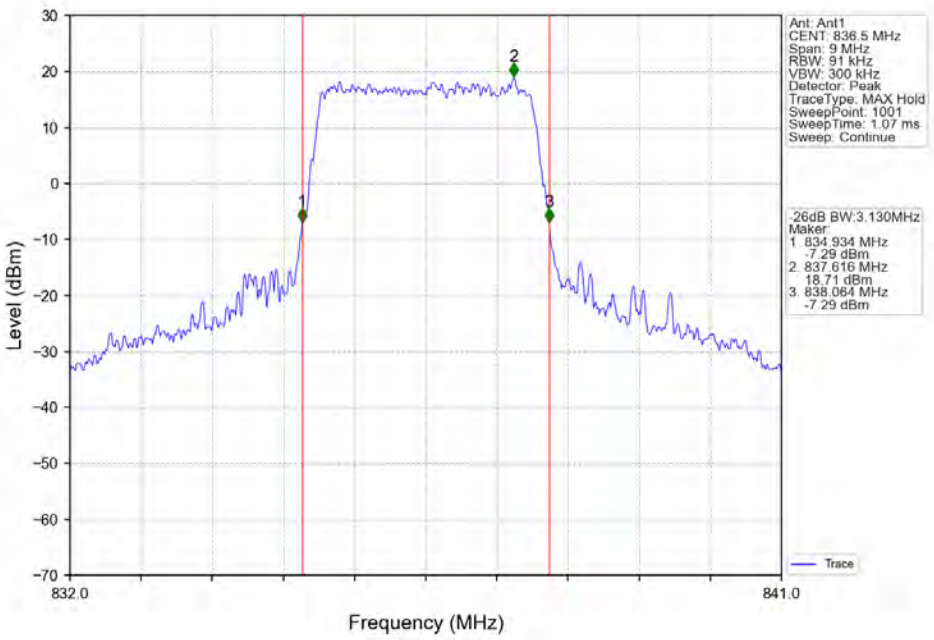
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



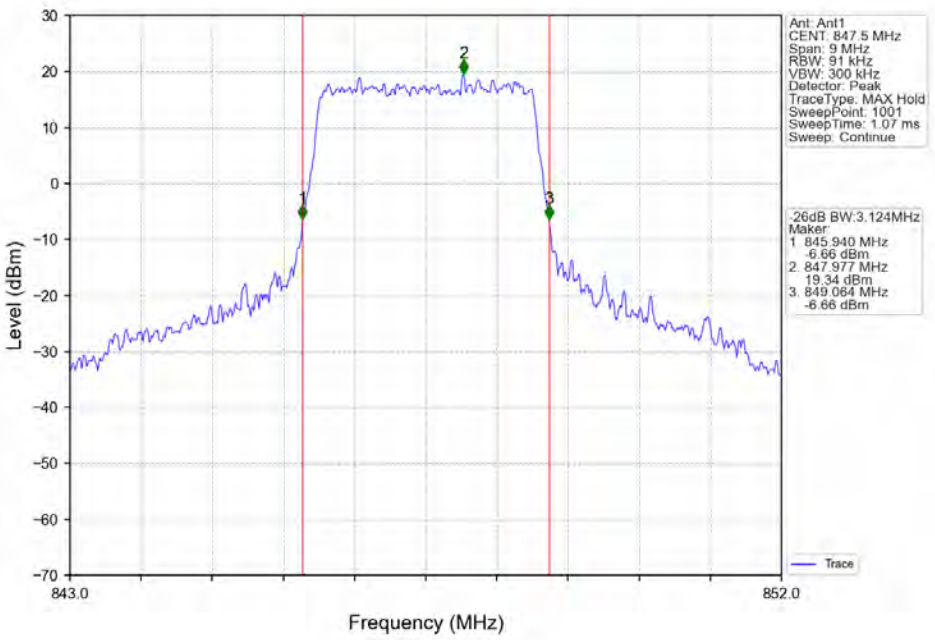
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



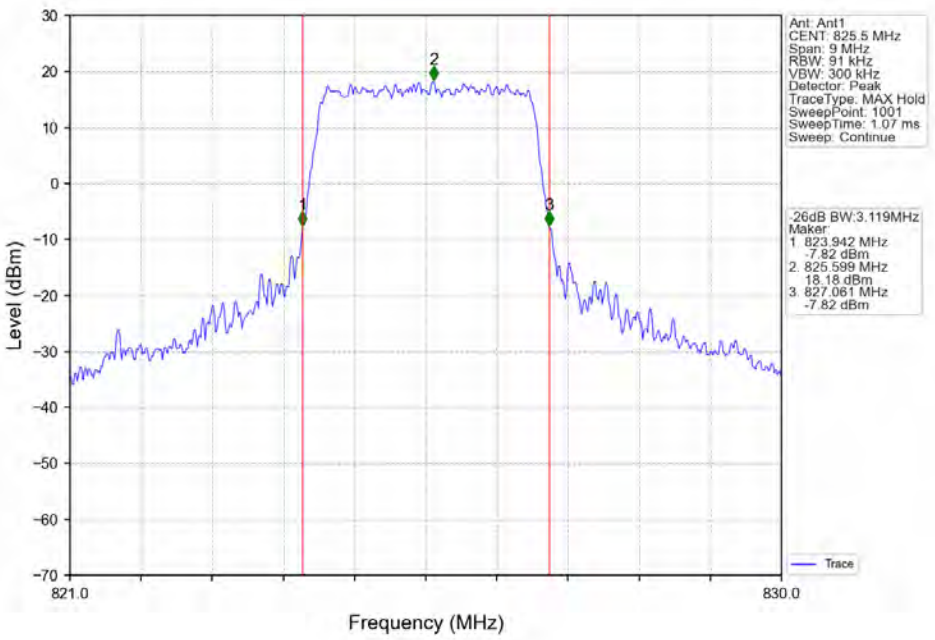
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



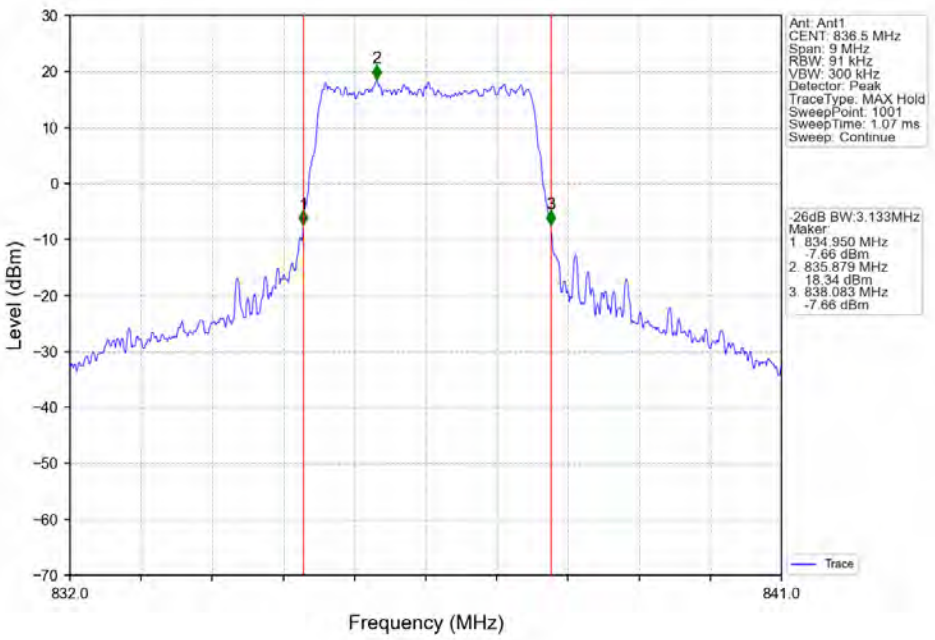
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



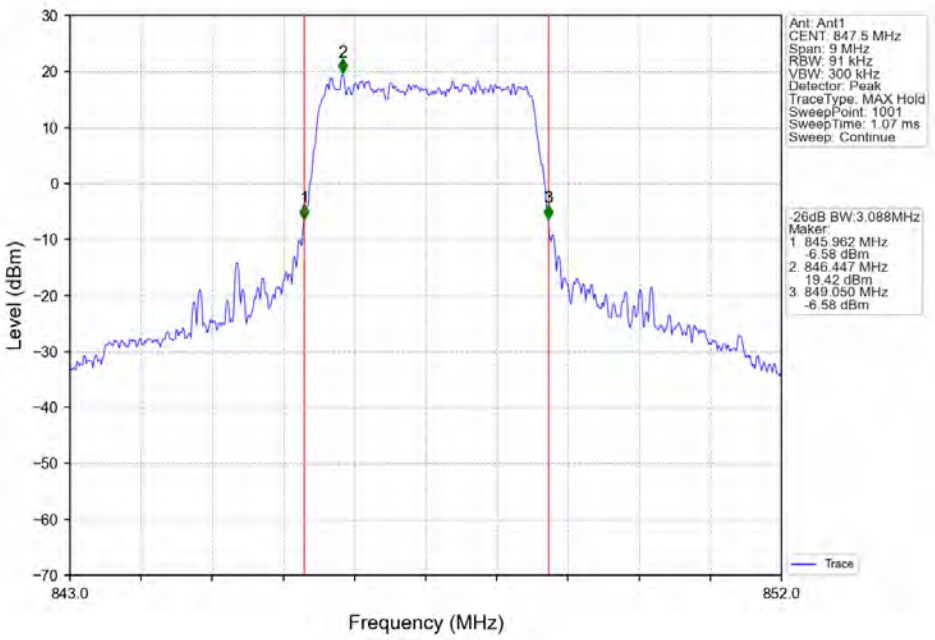
Band5_3MHz_64QAM_LCH_825.5MHz_RB_15_0_NTNV



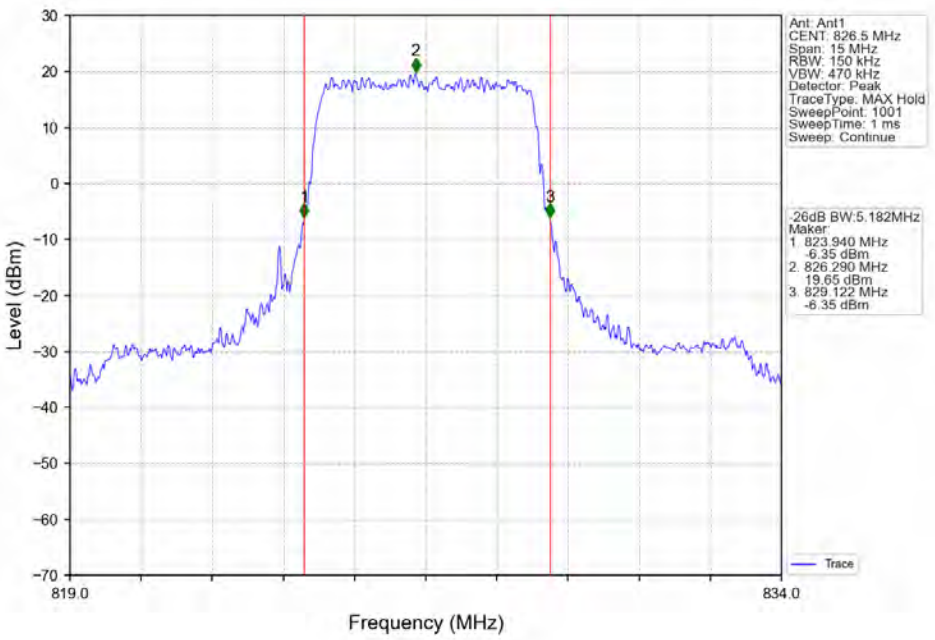
Band5_3MHz_64QAM_MCH_836.5MHz_RB_15_0_NTNV



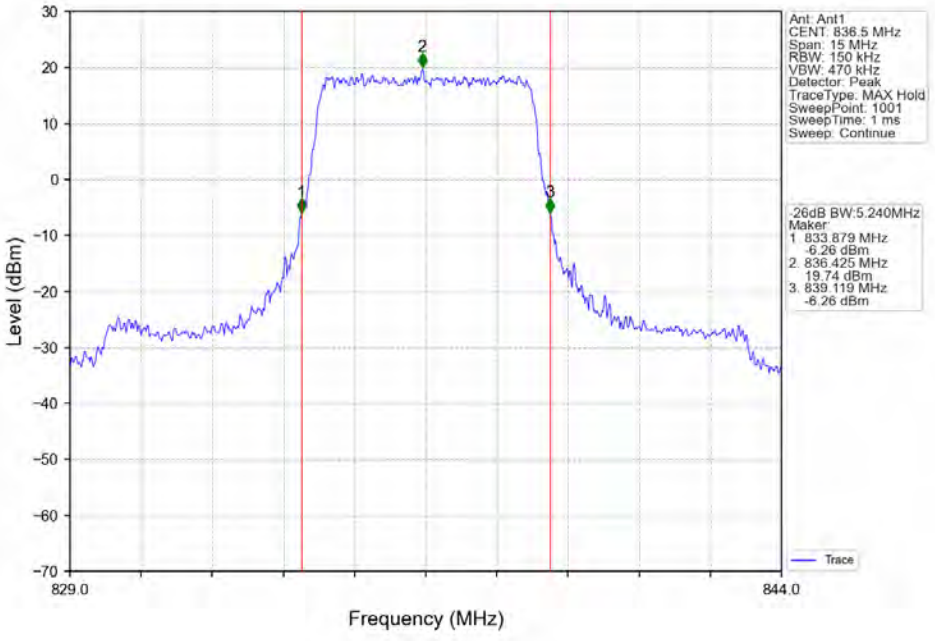
Band5_3MHz_64QAM_HCH_847.5MHz_RB_15_0_NTNV



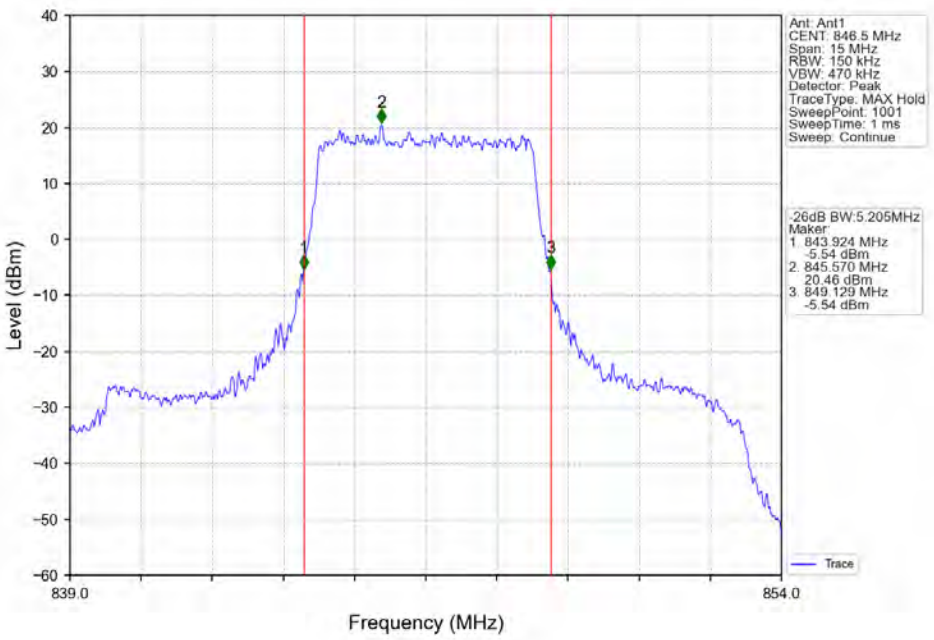
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



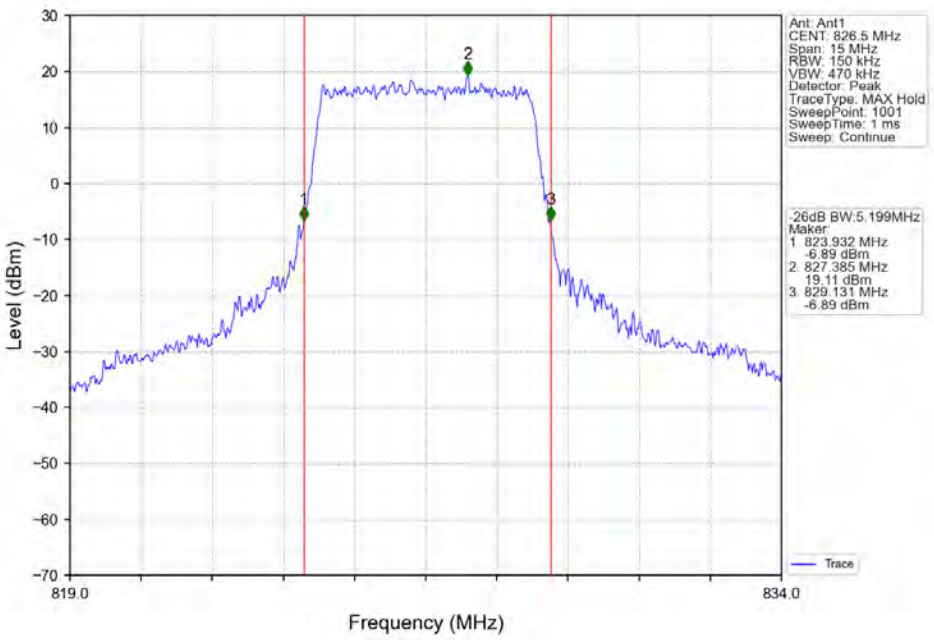
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



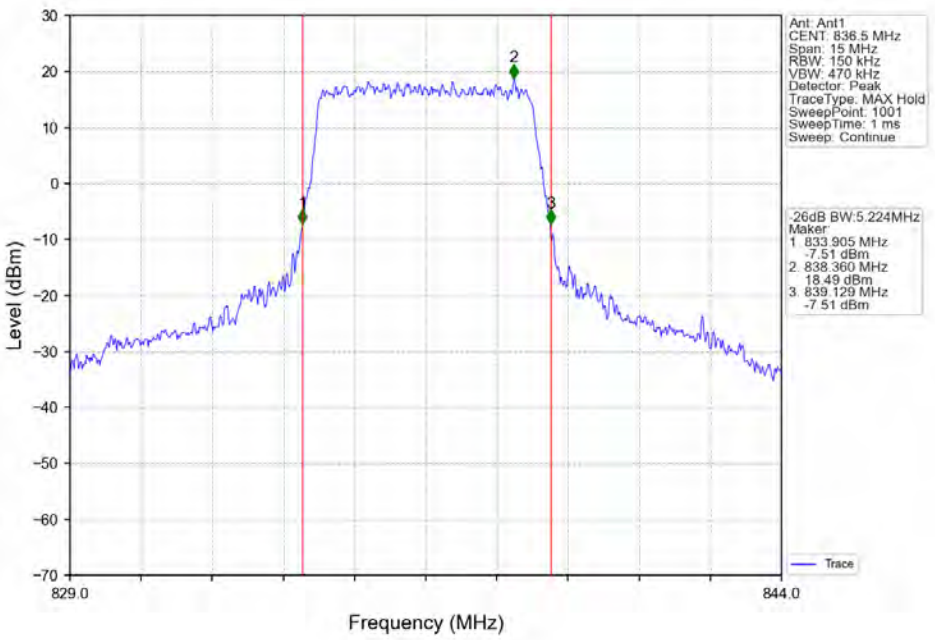
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



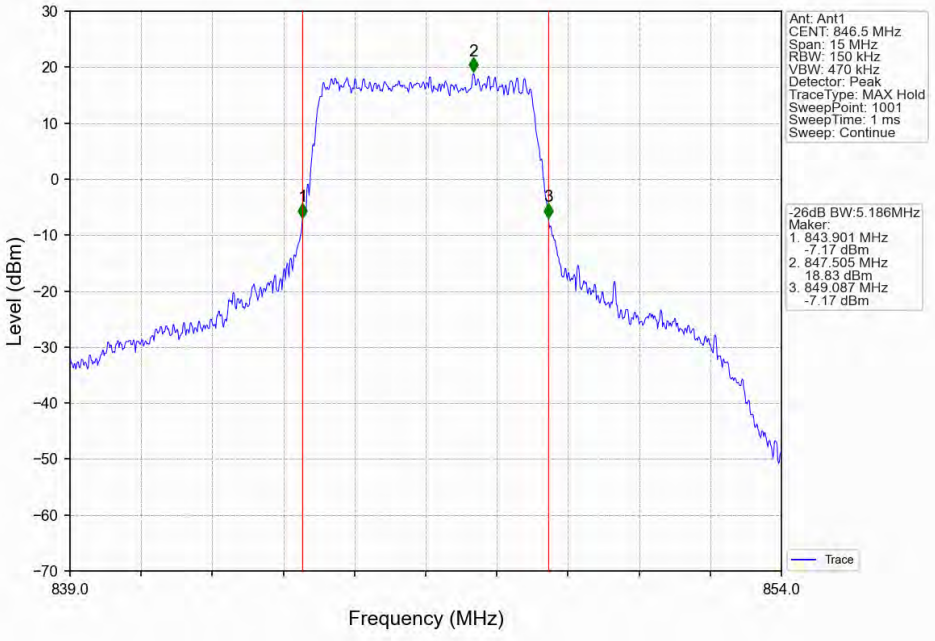
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



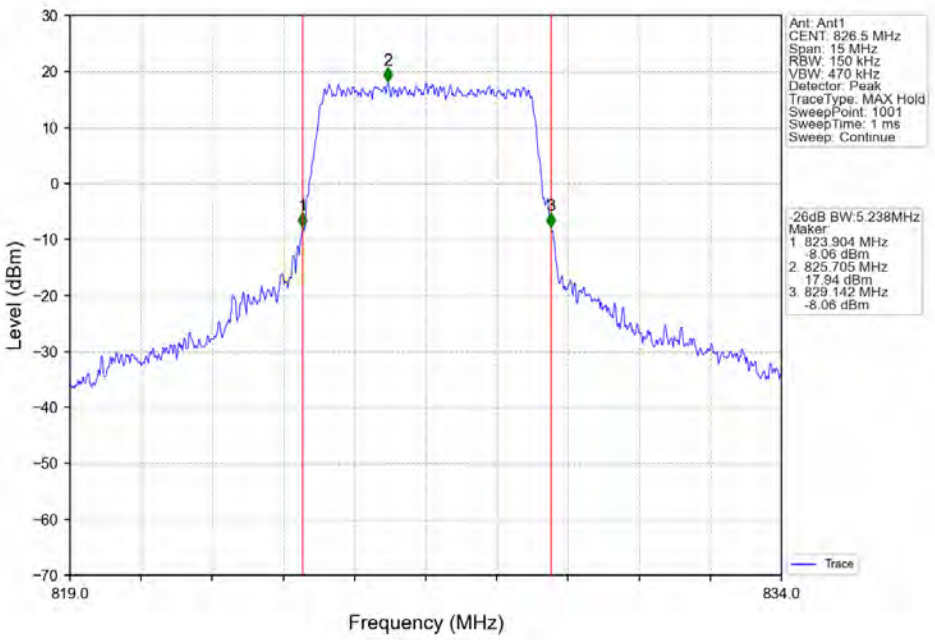
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



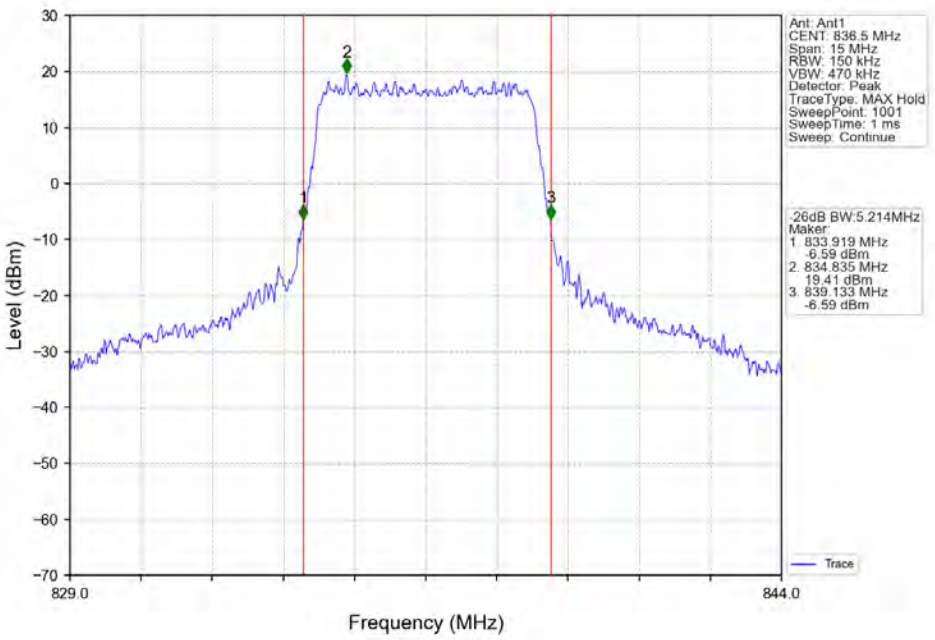
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



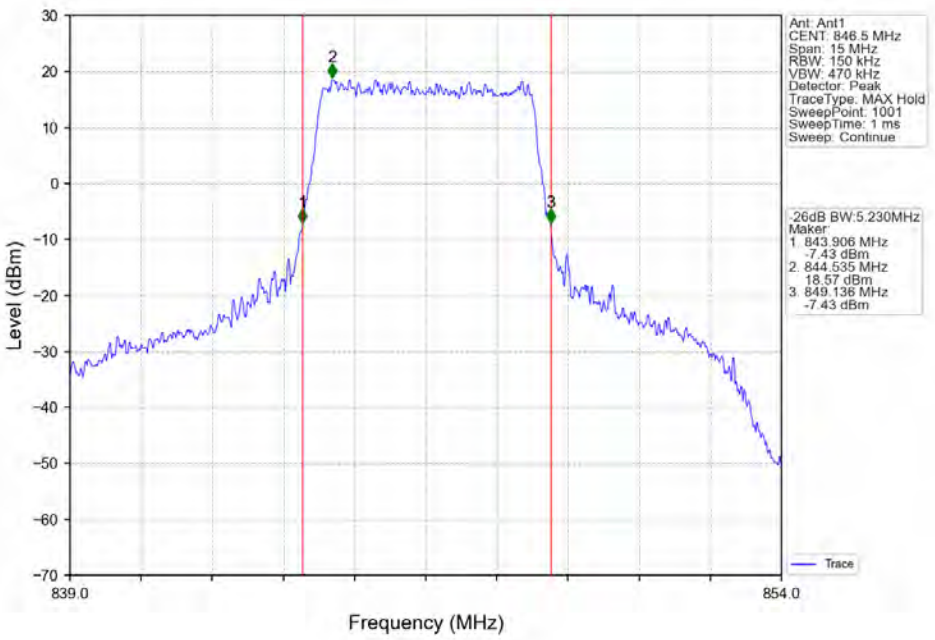
Band5_5MHz_64QAM_LCH_826.5MHz_RB_25_0_NTNV



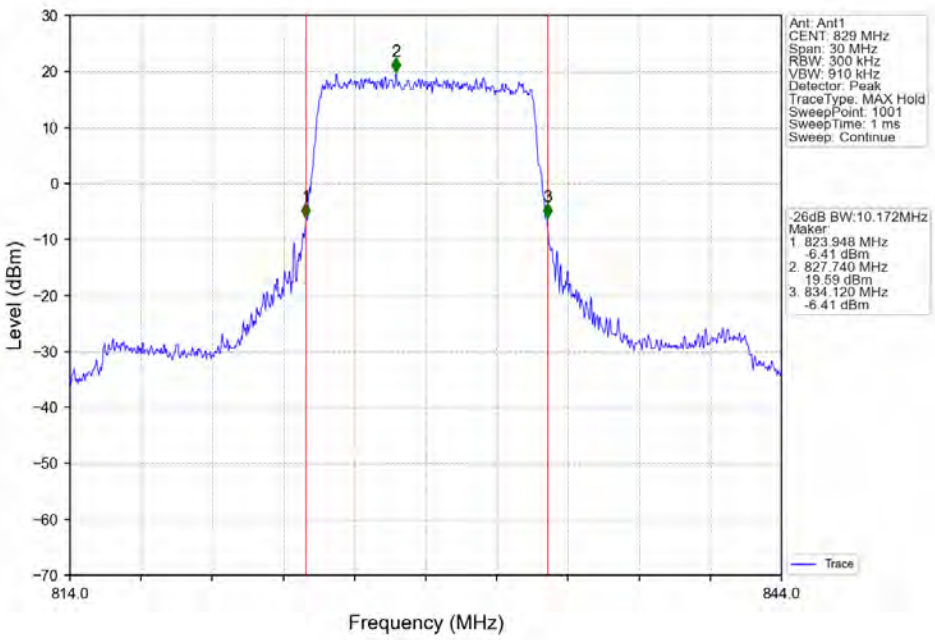
Band5_5MHz_64QAM_MCH_836.5MHz_RB_25_0_NTNV



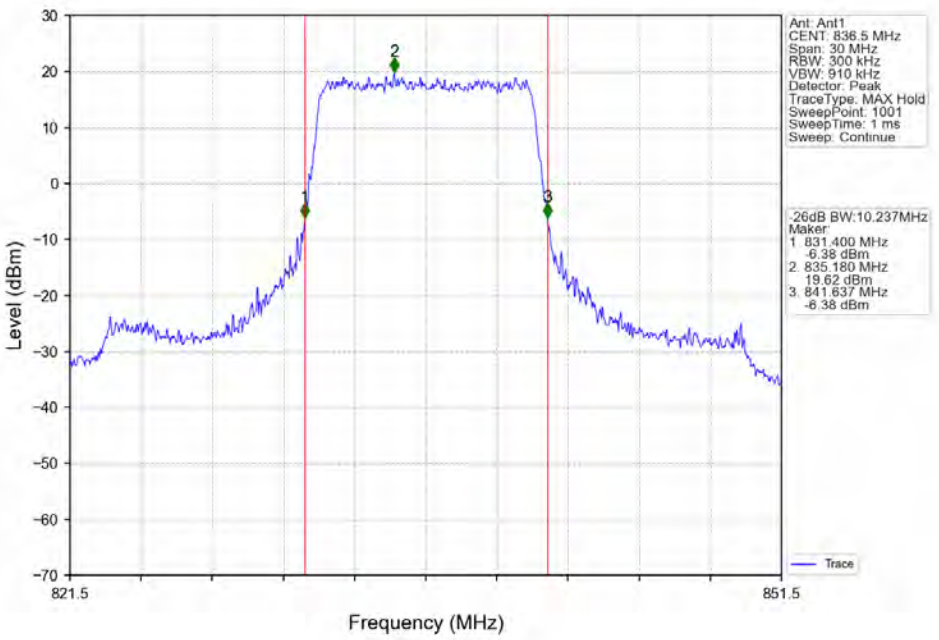
Band5_5MHz_64QAM_HCH_846.5MHz_RB_25_0_NTNV



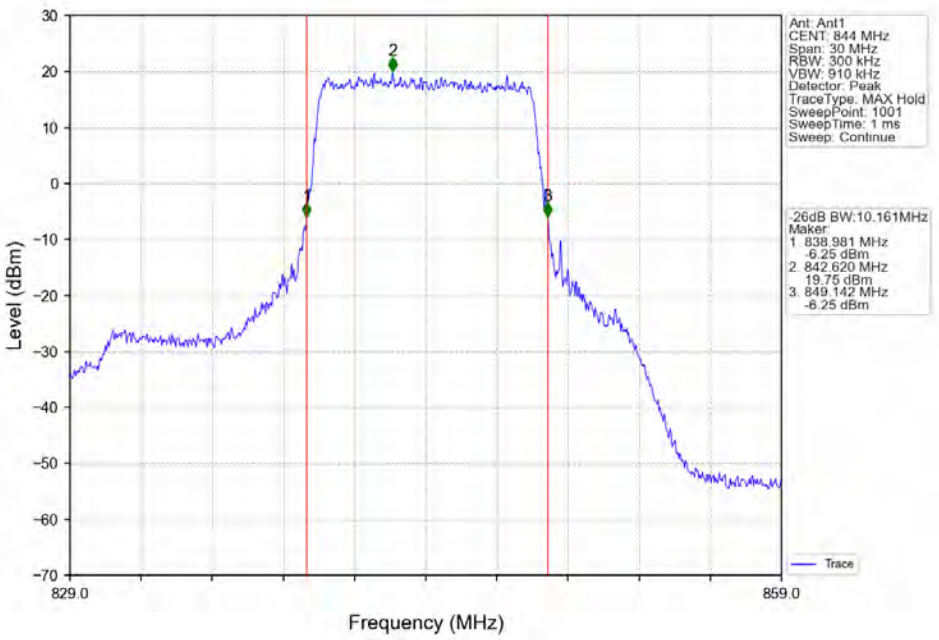
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



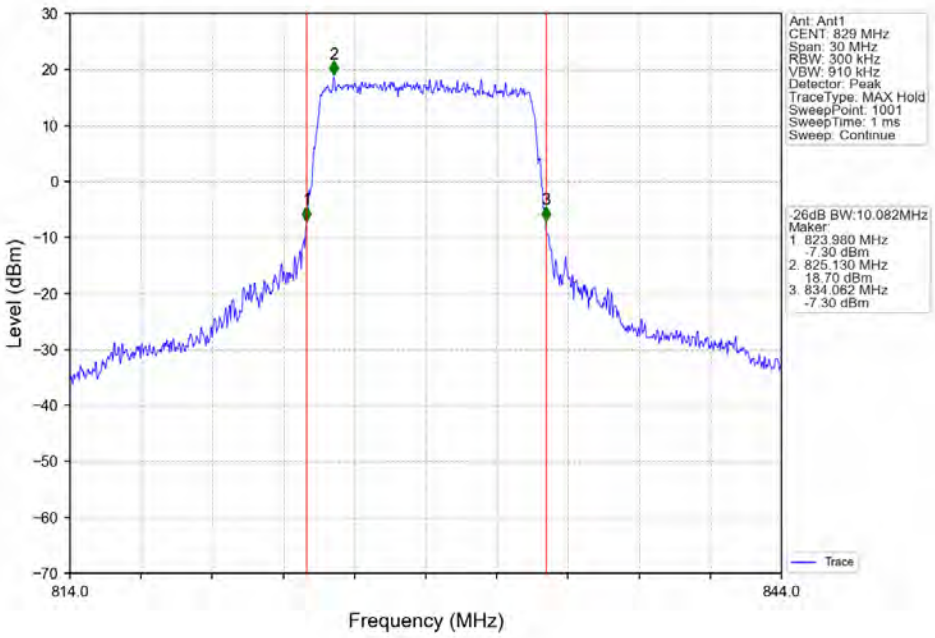
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



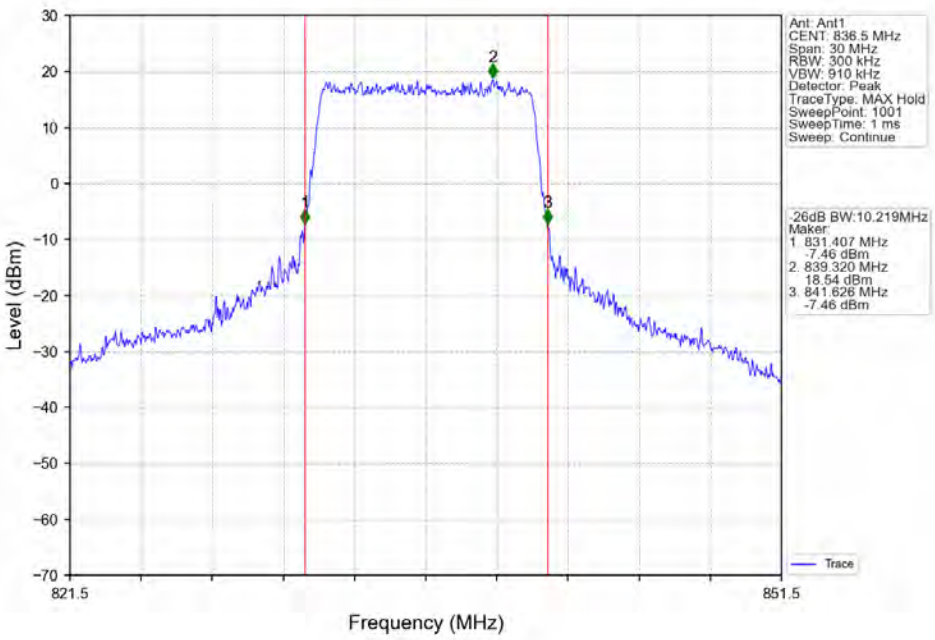
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



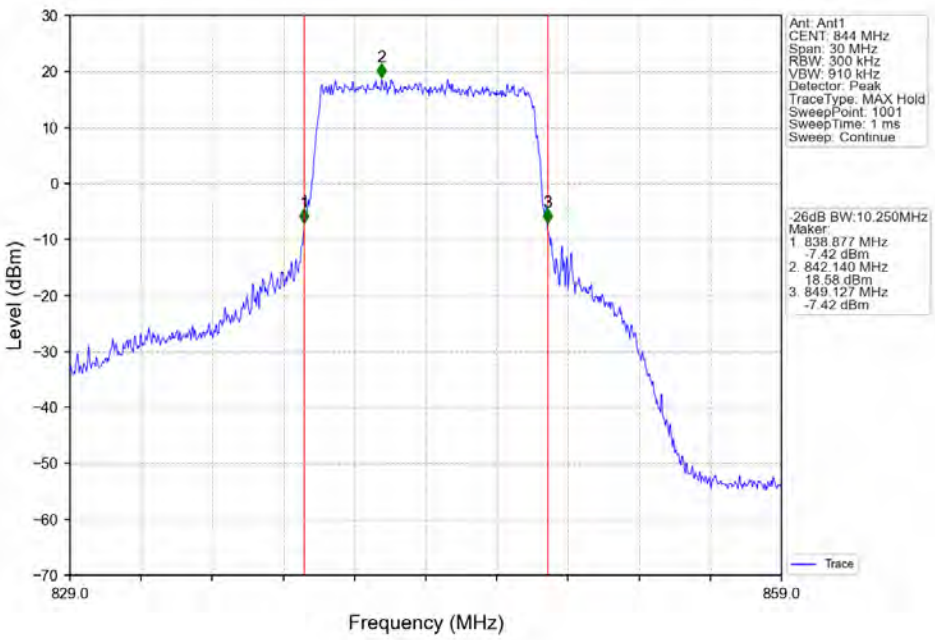
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



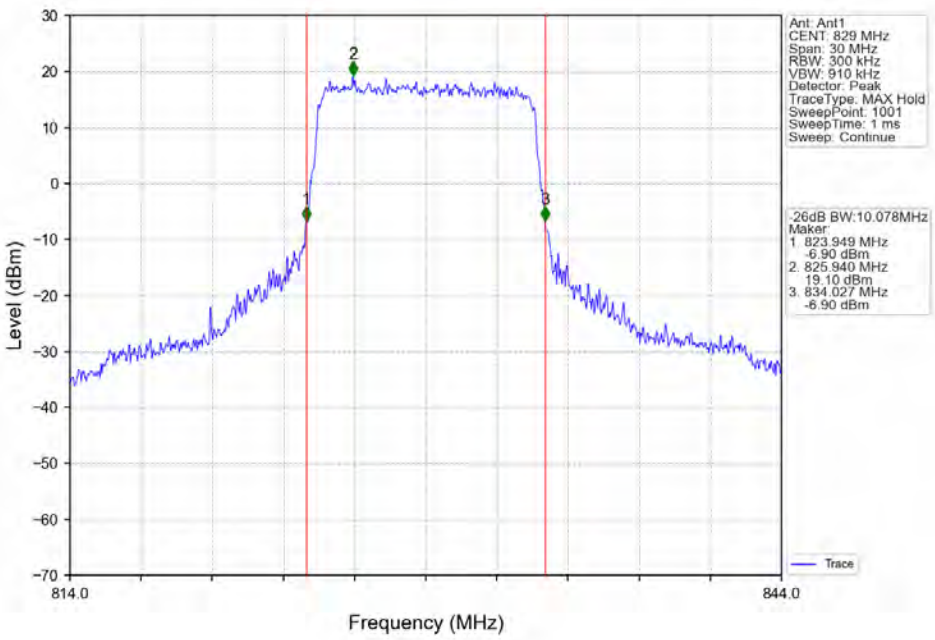
Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



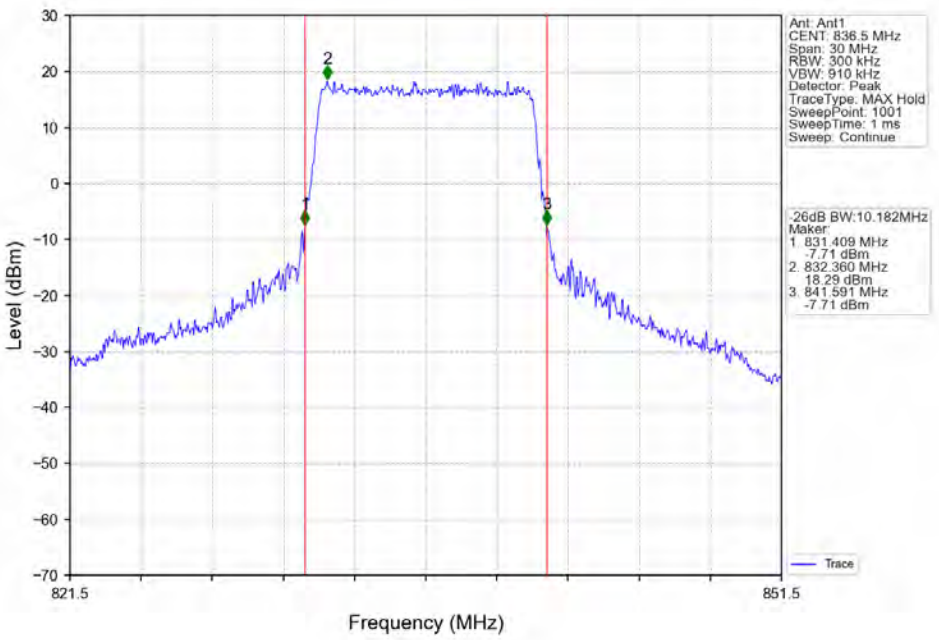
Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



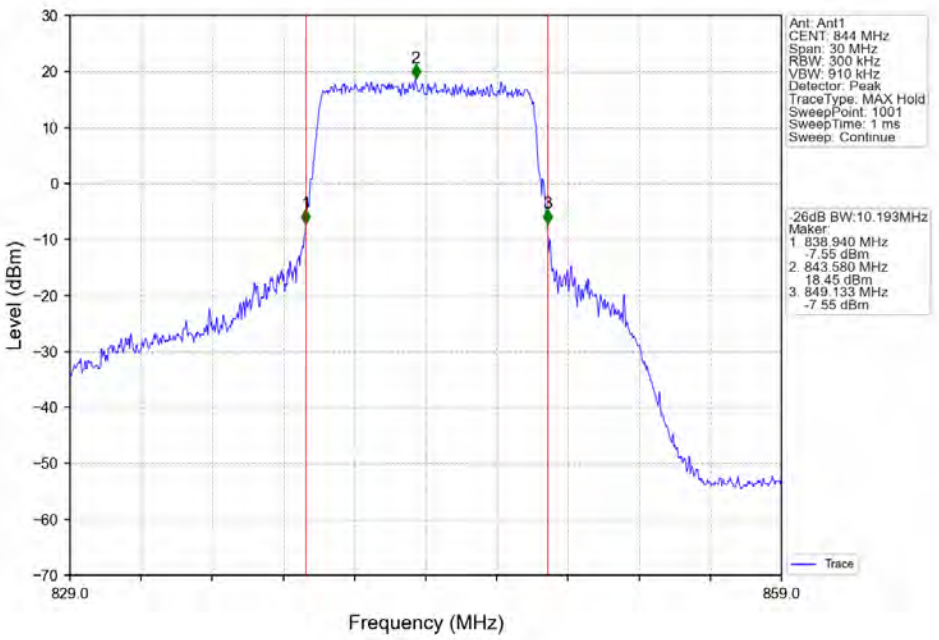
Band5_10MHz_64QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_64QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_64QAM_HCH_844MHz_RB_50_0_NTNV



4. Peak-Average Ratio

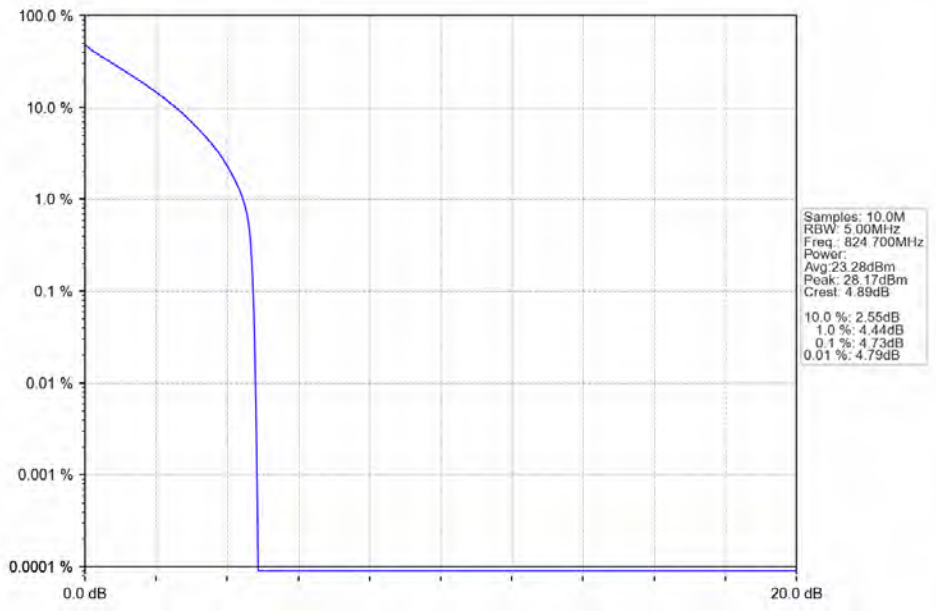
4.1 B5_1.4MHz

4.1.1 Test Result

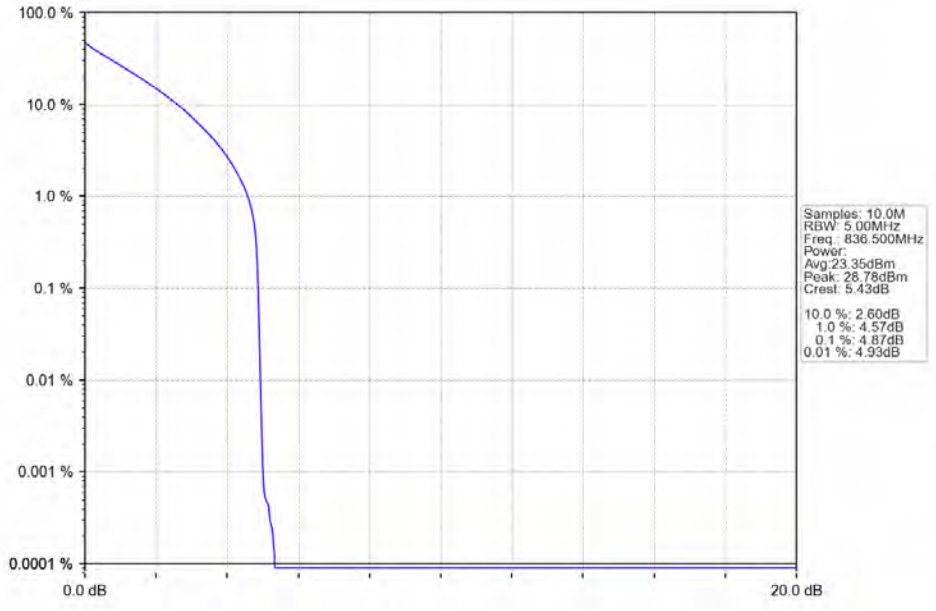
Band: 5 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	824.7	6	0	4.73	<=13	Pass
	836.5	6	0	4.87	<=13	Pass
	848.3	6	0	4.81	<=13	Pass
16QAM	824.7	6	0	6.04	<=13	Pass
	836.5	6	0	6.20	<=13	Pass
	848.3	6	0	6.15	<=13	Pass
64QAM	824.7	6	0	6.04	<=13	Pass
	836.5	6	0	6.11	<=13	Pass
	848.3	6	0	6.15	<=13	Pass

4.1.2 Test Graph

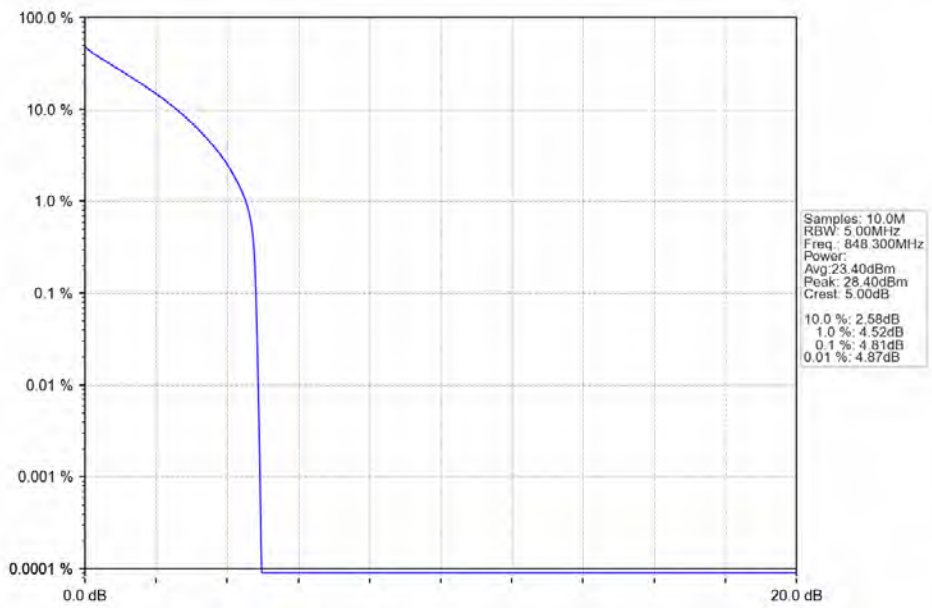
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



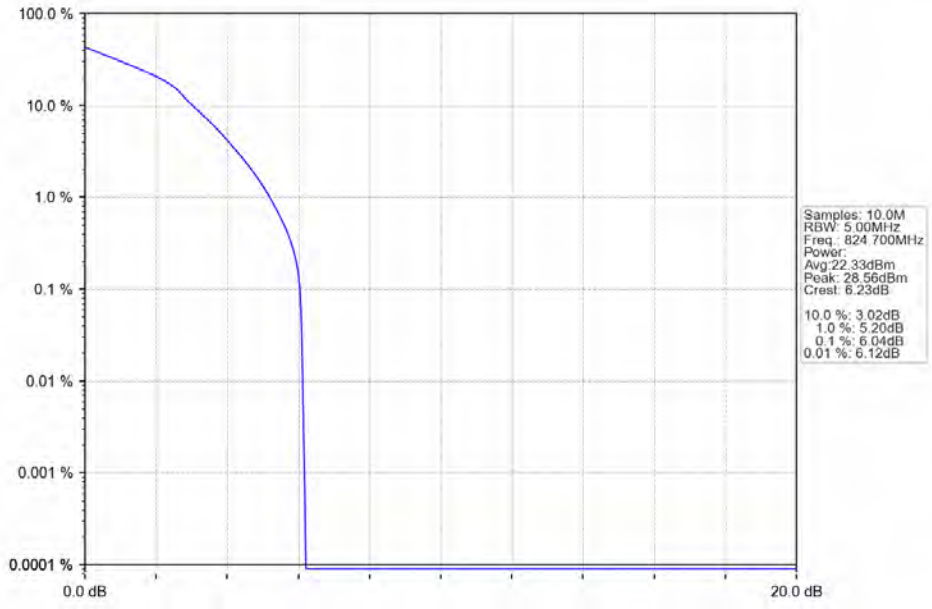
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV



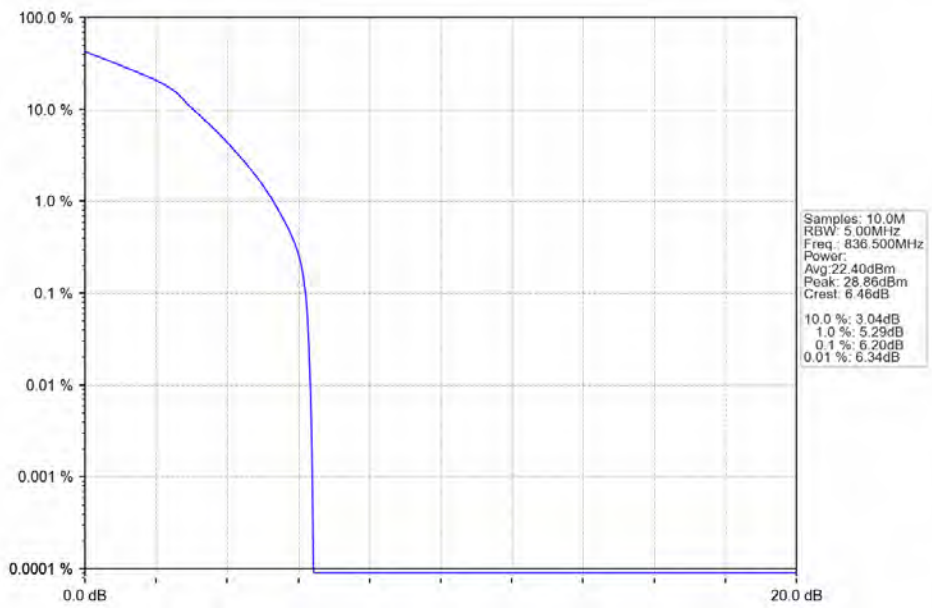
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



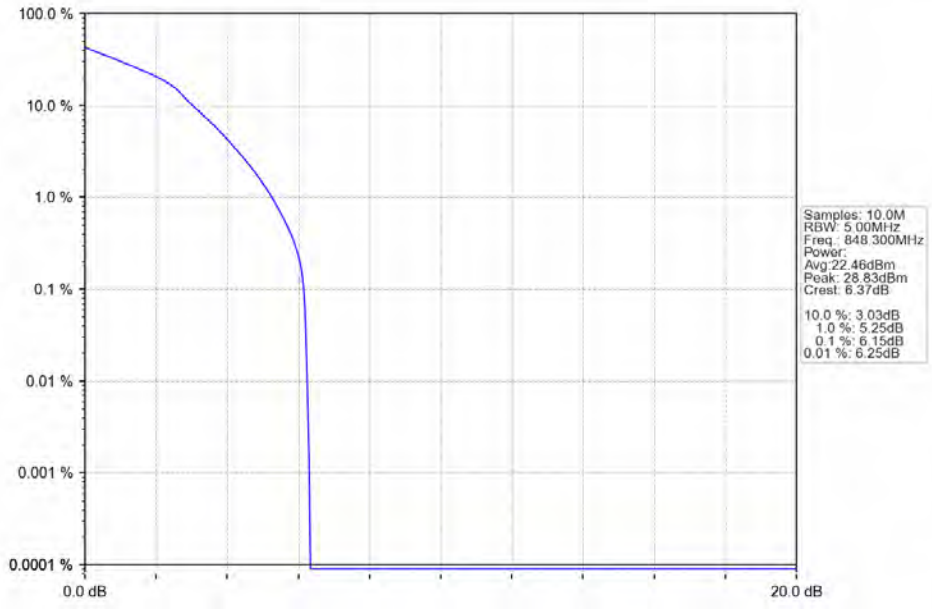
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



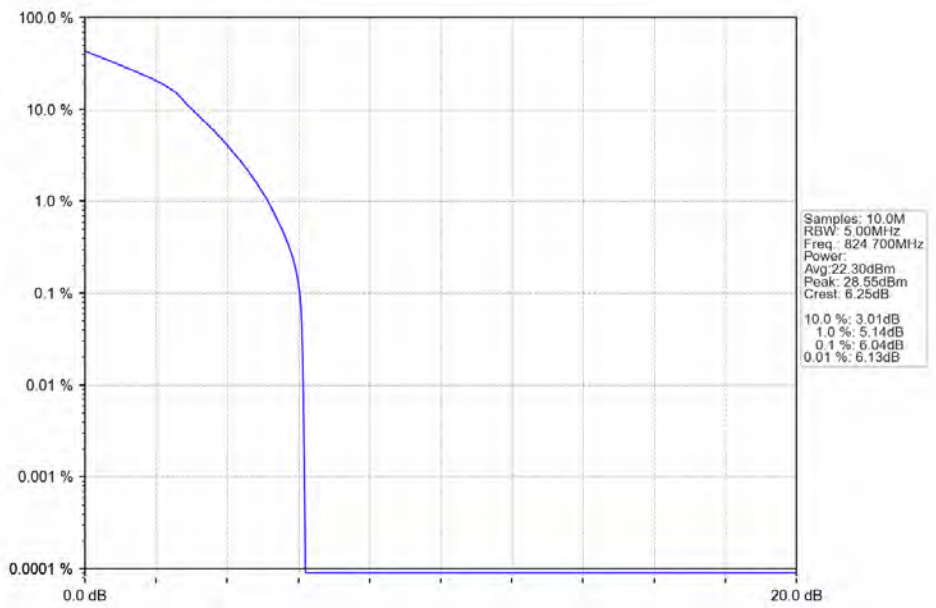
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



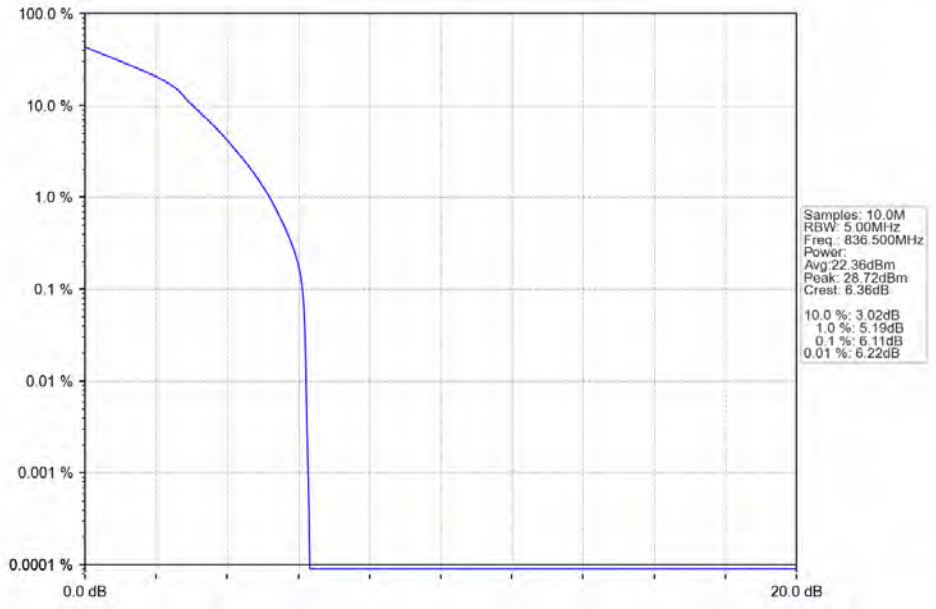
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



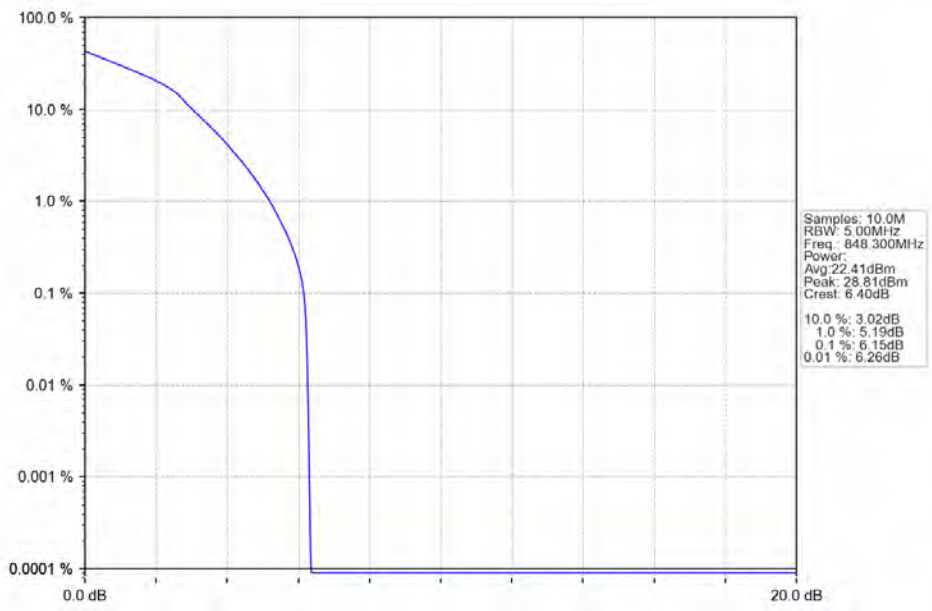
Band5_1.4MHz_64QAM_LCH_824.7MHz_RB_6_0_NTNV



Band5_1.4MHz_64QAM_MCH_836.5MHz_RB_6_0_NTNV



Band5_1.4MHz_64QAM_HCH_848.3MHz_RB_6_0_NTNV



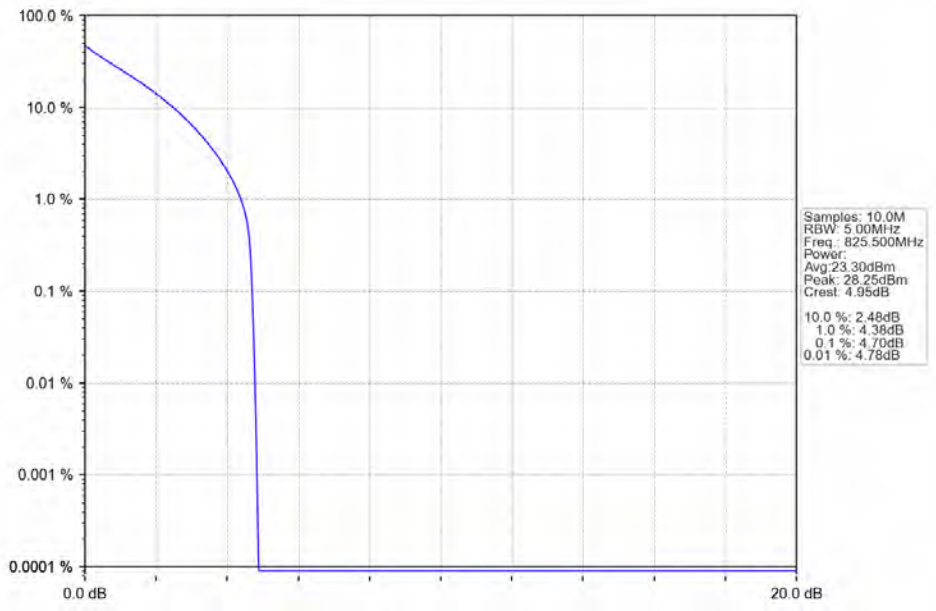
4.2 B5_3MHz

4.2.1 Test Result

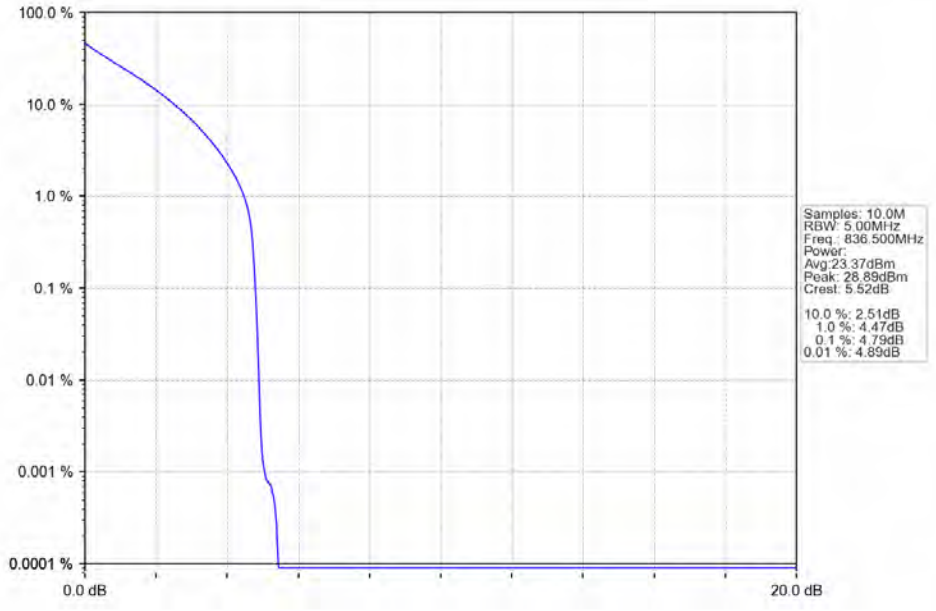
Band: 5 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	825.5	15	0	4.70	<=13	Pass
	836.5	15	0	4.79	<=13	Pass
	847.5	15	0	4.80	<=13	Pass
16QAM	825.5	15	0	6.10	<=13	Pass
	836.5	15	0	6.30	<=13	Pass
	847.5	15	0	6.24	<=13	Pass
64QAM	825.5	15	0	6.10	<=13	Pass
	836.5	15	0	6.20	<=13	Pass
	847.5	15	0	6.23	<=13	Pass

4.2.2 Test Graph

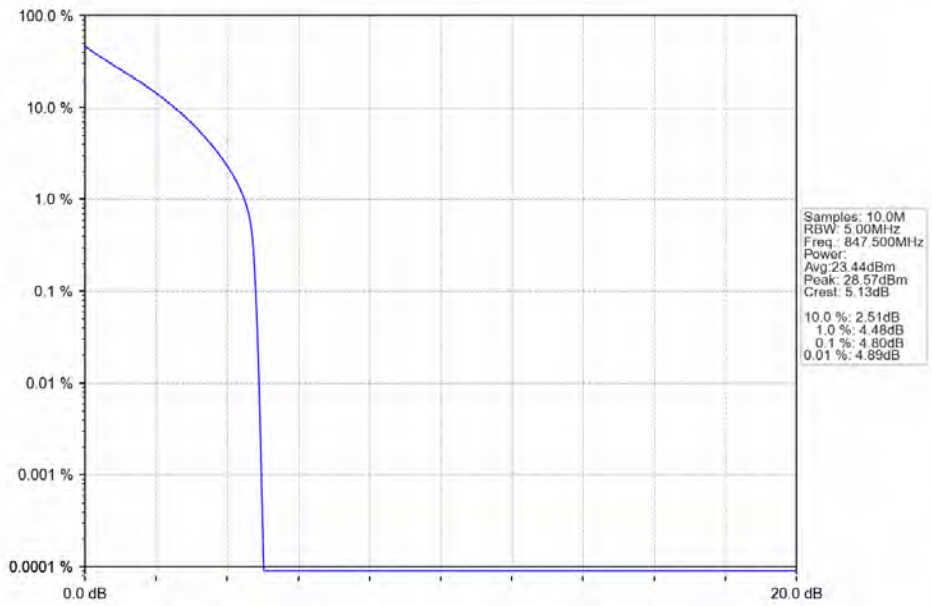
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



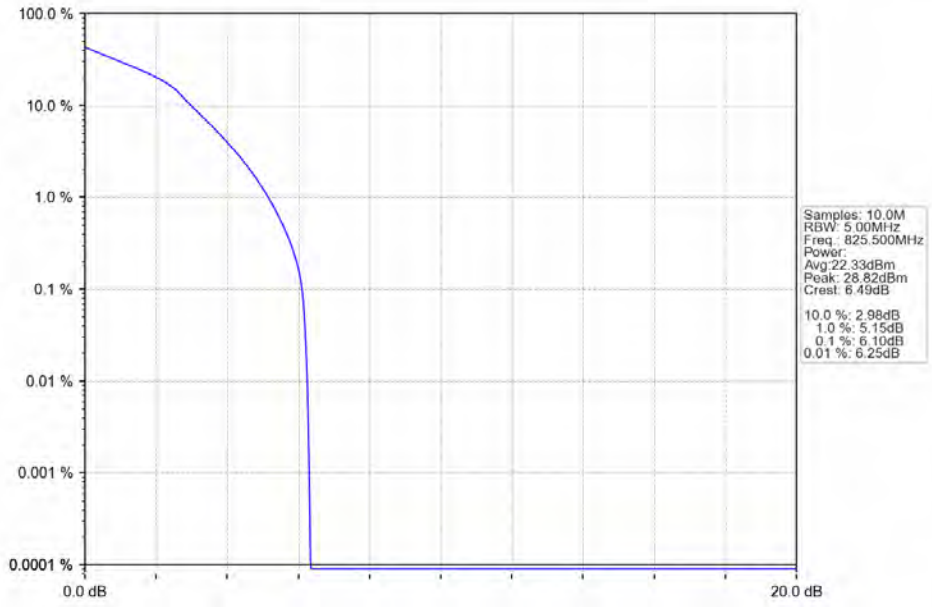
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



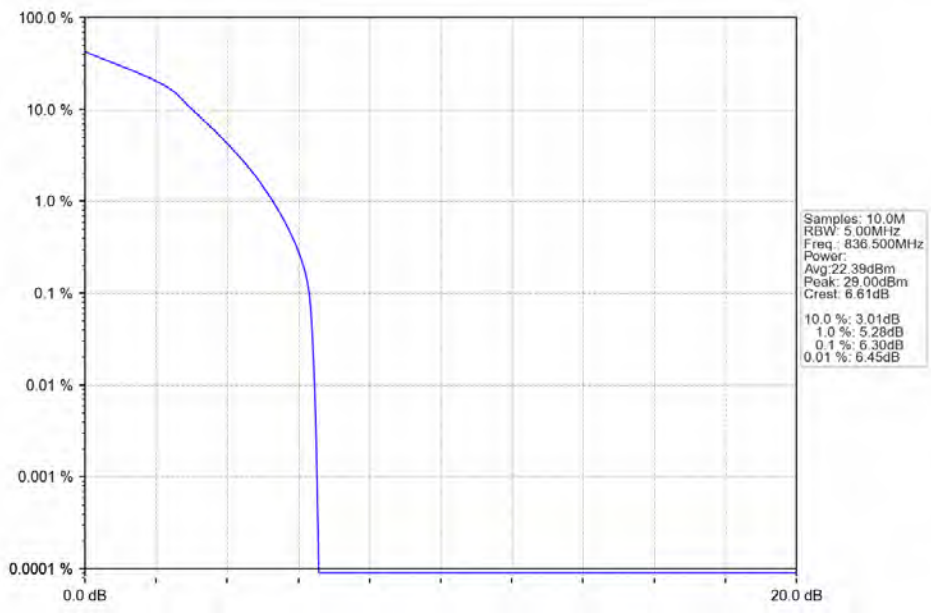
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



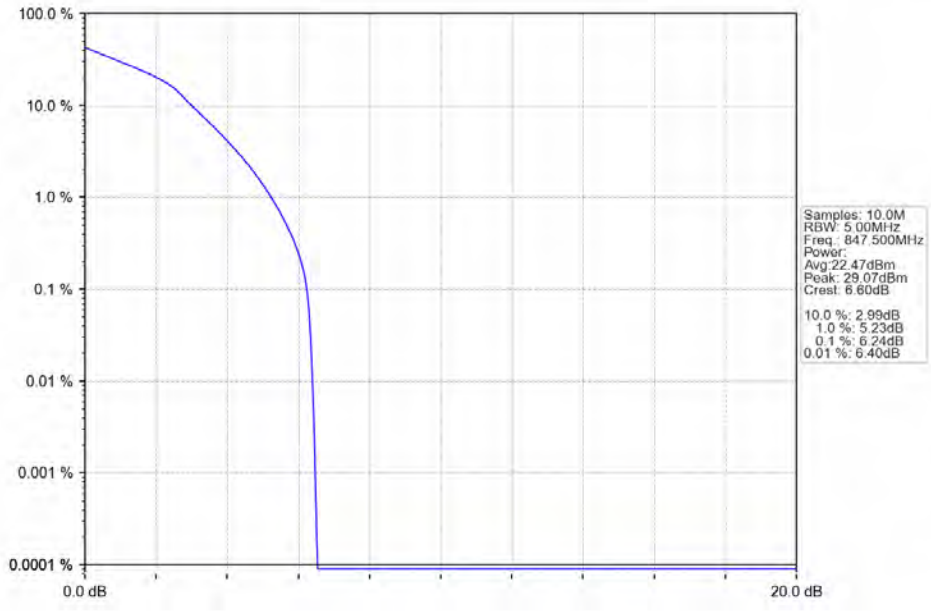
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



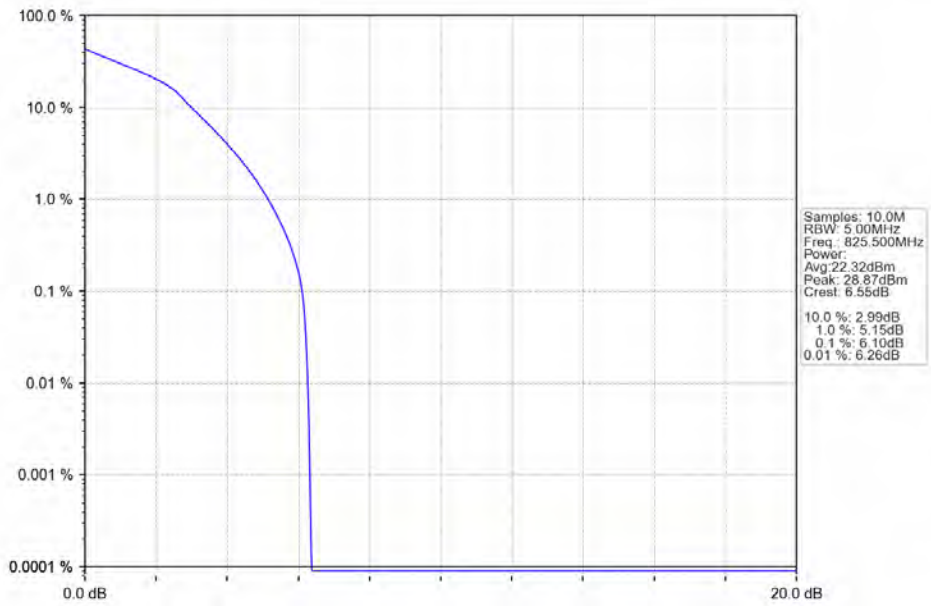
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



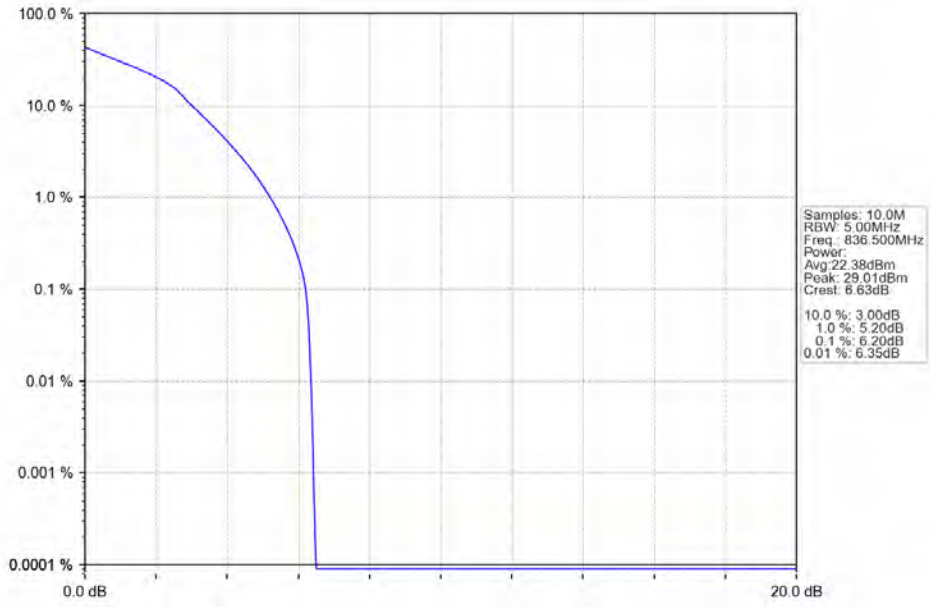
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



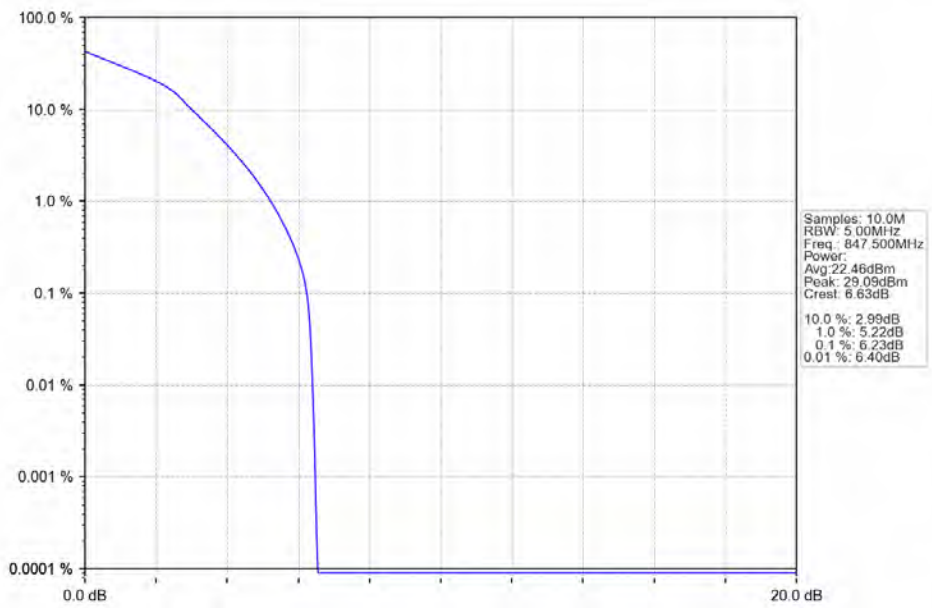
Band5_3MHz_64QAM_LCH_825.5MHz_RB_15_0_NTNV



Band5_3MHz_64QAM_MCH_836.5MHz_RB_15_0_NTNV



Band5_3MHz_64QAM_HCH_847.5MHz_RB_15_0_NTNV



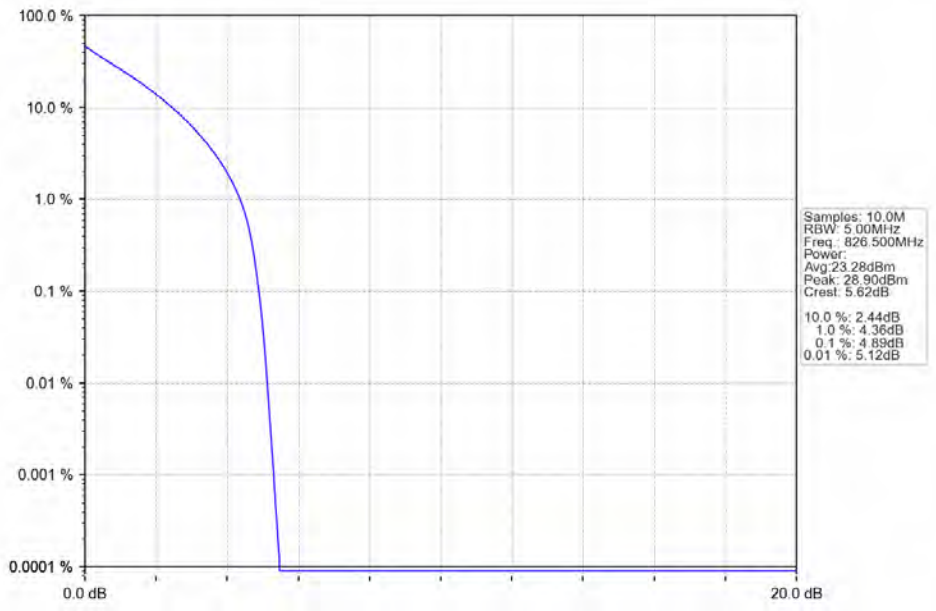
4.3 B5_5MHz

4.3.1 Test Result

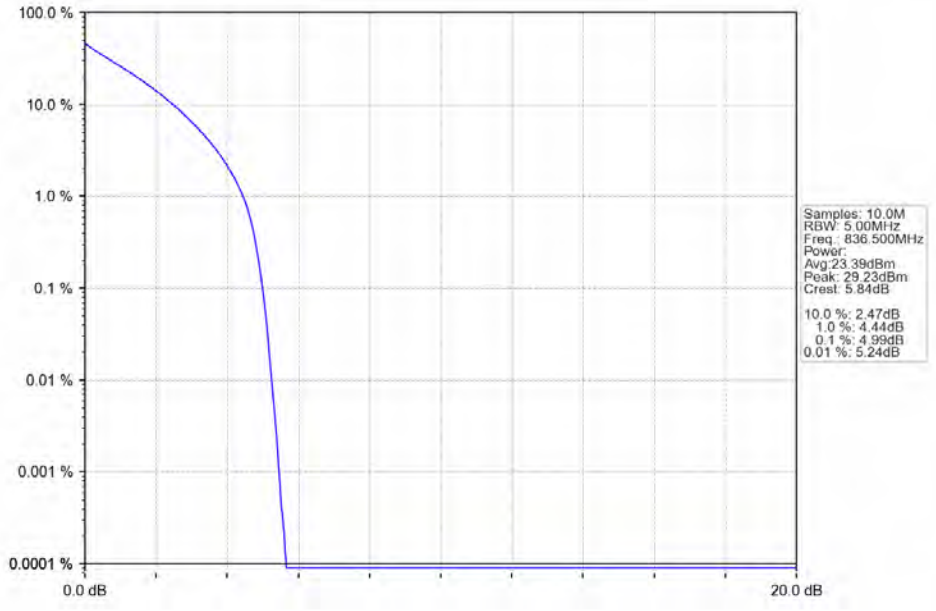
Band: 5 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	826.5	25	0	4.89	<=13	Pass
	836.5	25	0	4.99	<=13	Pass
	846.5	25	0	4.98	<=13	Pass
16QAM	826.5	25	0	5.94	<=13	Pass
	836.5	25	0	6.03	<=13	Pass
	846.5	25	0	6.00	<=13	Pass
64QAM	826.5	25	0	5.93	<=13	Pass
	836.5	25	0	6.03	<=13	Pass
	846.5	25	0	6.00	<=13	Pass

4.3.2 Test Graph

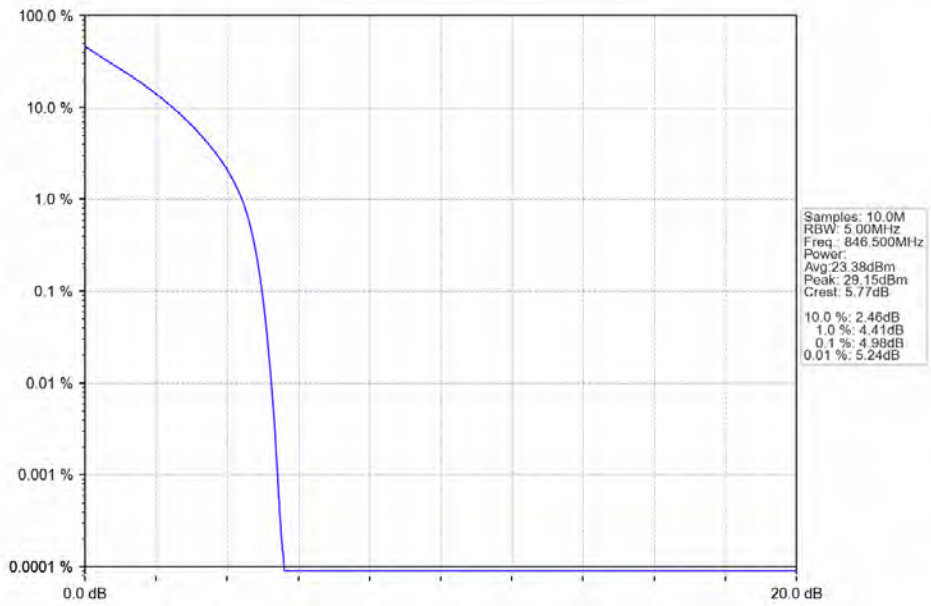
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



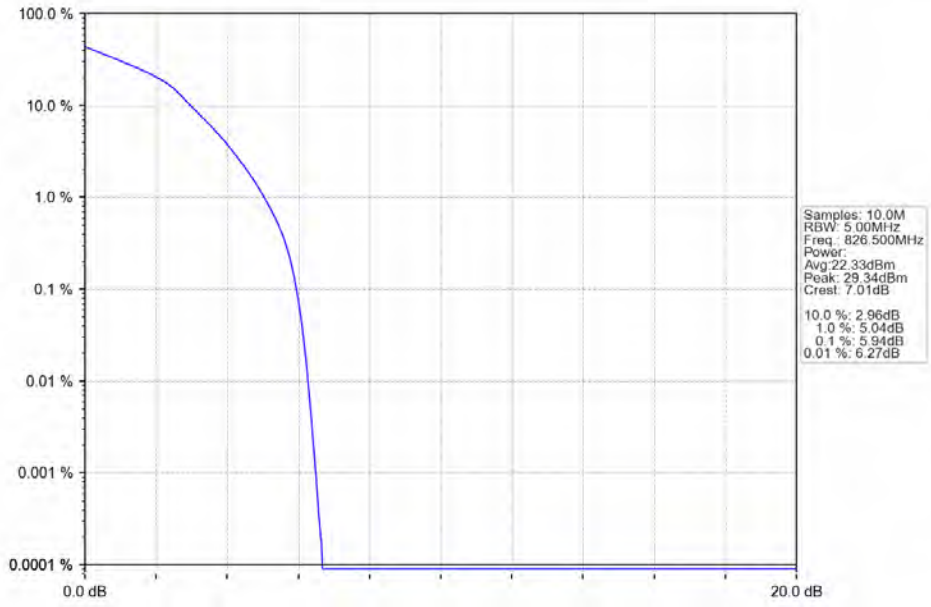
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



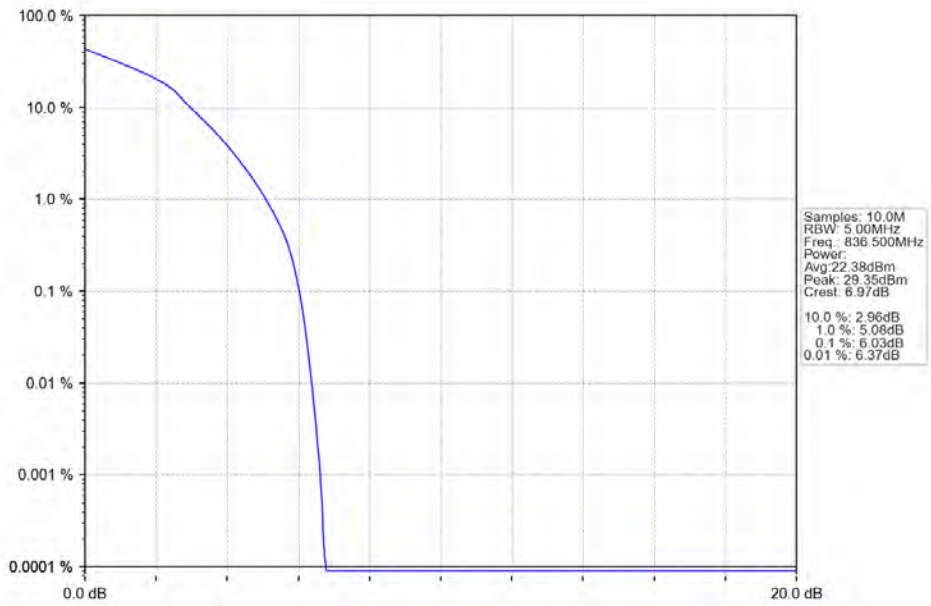
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



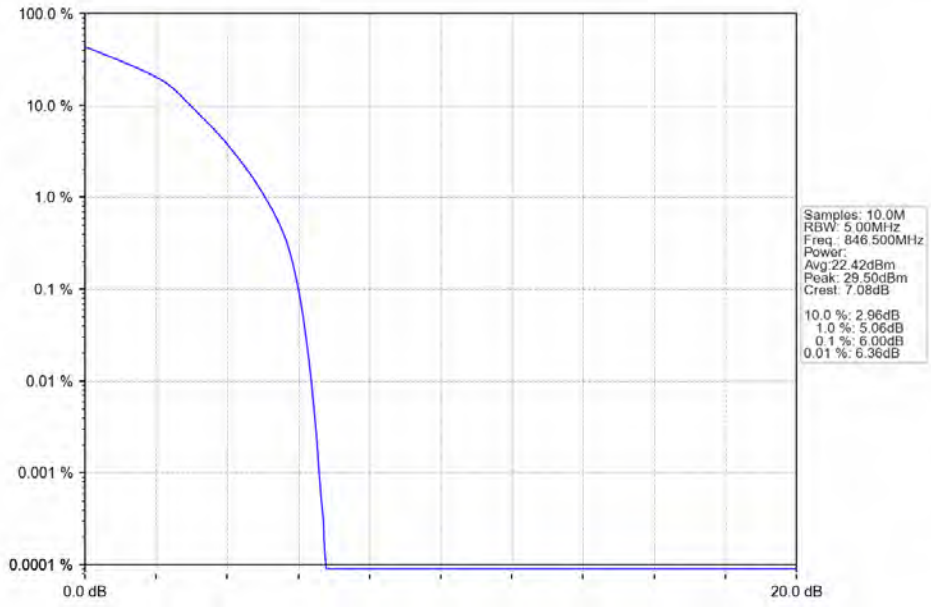
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



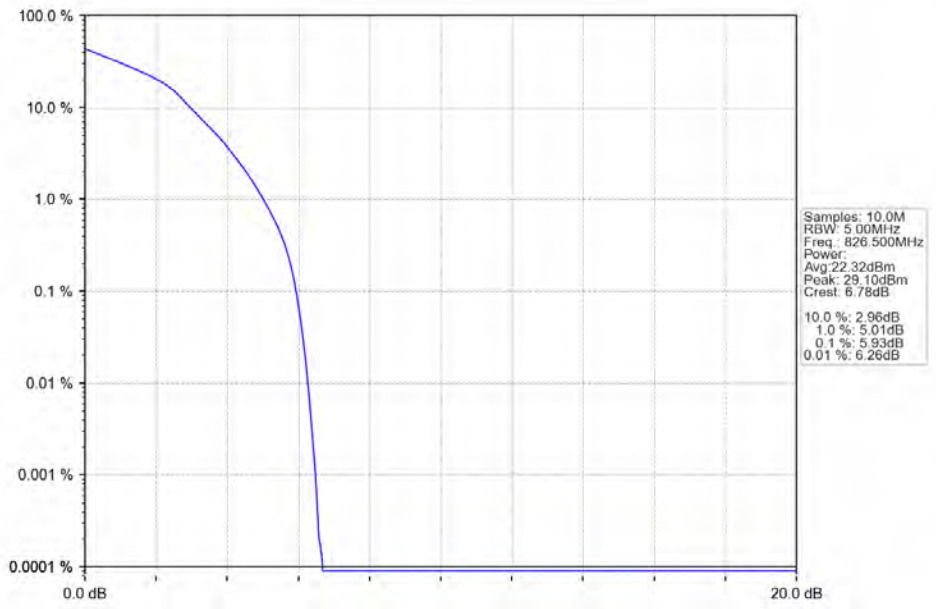
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



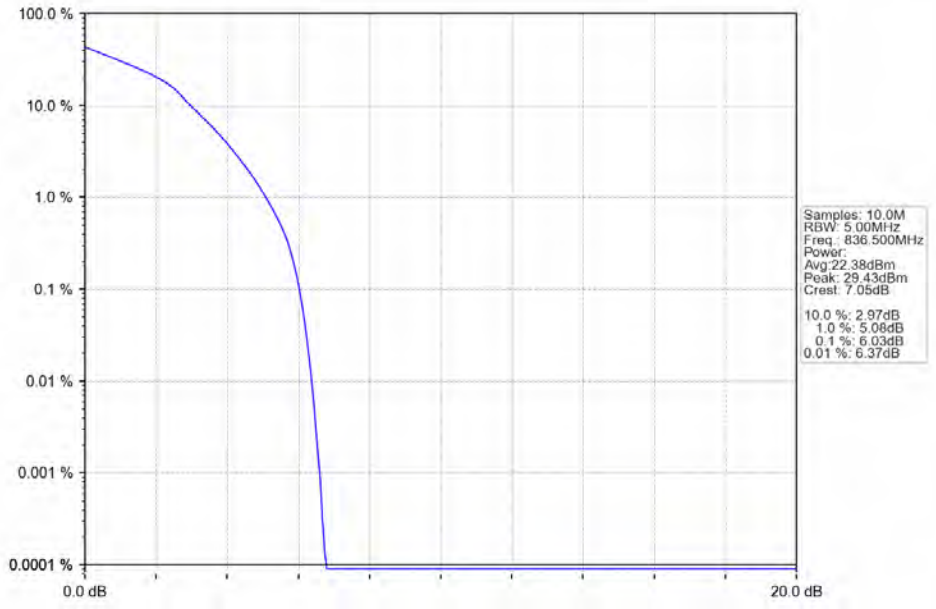
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



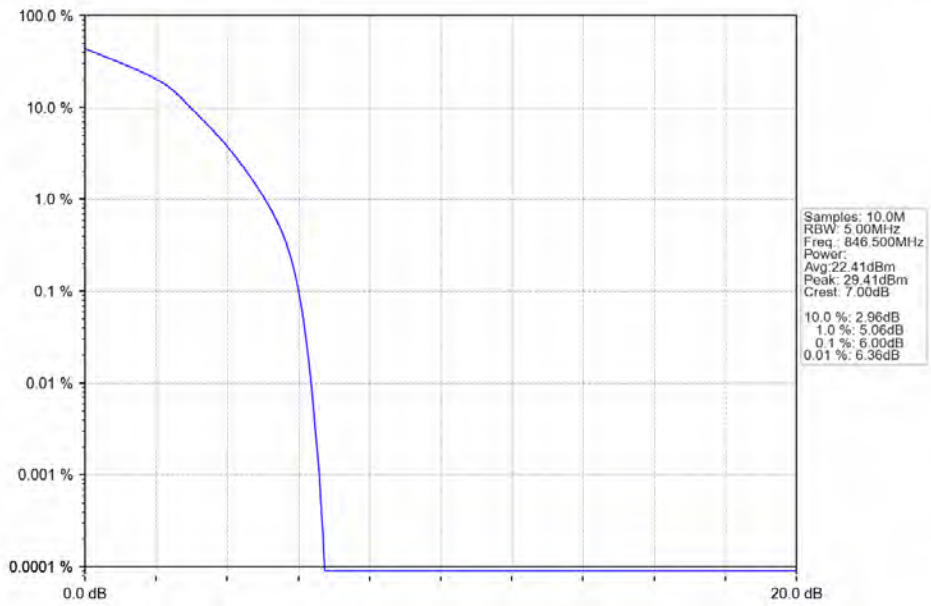
Band5_5MHz_64QAM_LCH_826.5MHz_RB_25_0_NTNV



Band5_5MHz_64QAM_MCH_836.5MHz_RB_25_0_NTNV



Band5_5MHz_64QAM_HCH_846.5MHz_RB_25_0_NTNV



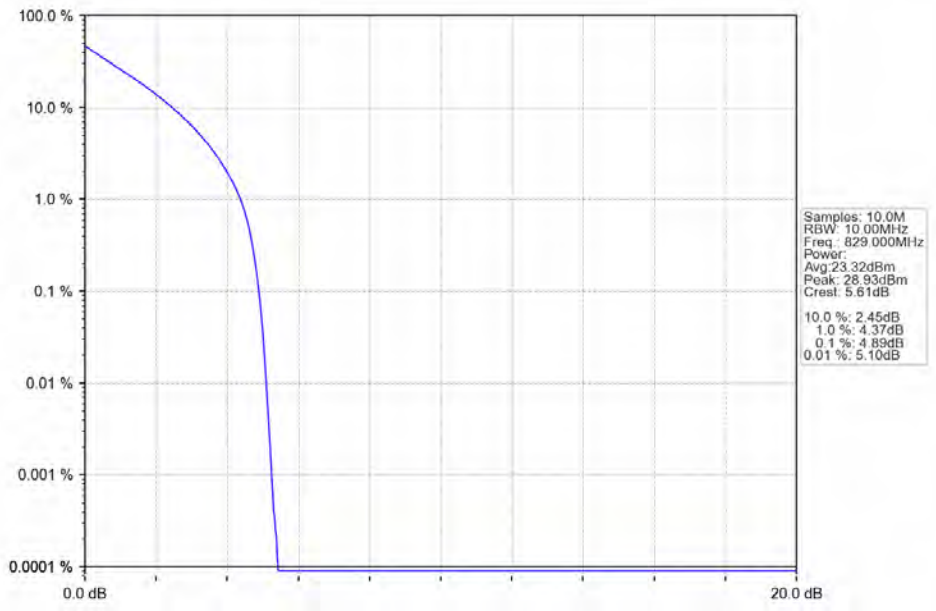
4.4 B5_10MHz

4.4.1 Test Result

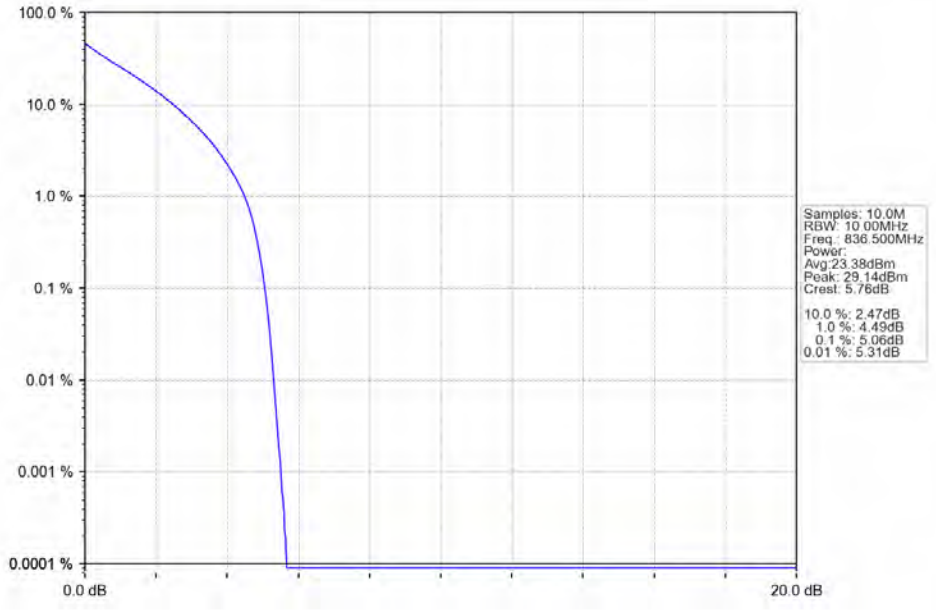
Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	829	50	0	4.89	<=13	Pass
	836.5	50	0	5.06	<=13	Pass
	844	50	0	4.97	<=13	Pass
16QAM	829	50	0	5.93	<=13	Pass
	836.5	50	0	6.04	<=13	Pass
	844	50	0	6.00	<=13	Pass
64QAM	829	50	0	5.93	<=13	Pass
	836.5	50	0	6.05	<=13	Pass
	844	50	0	6.00	<=13	Pass

4.4.2 Test Graph

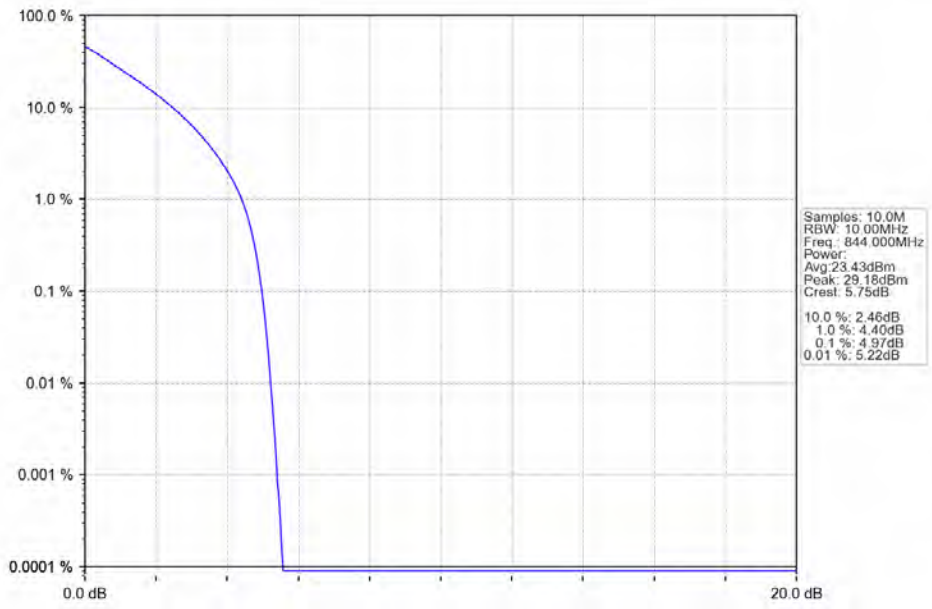
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



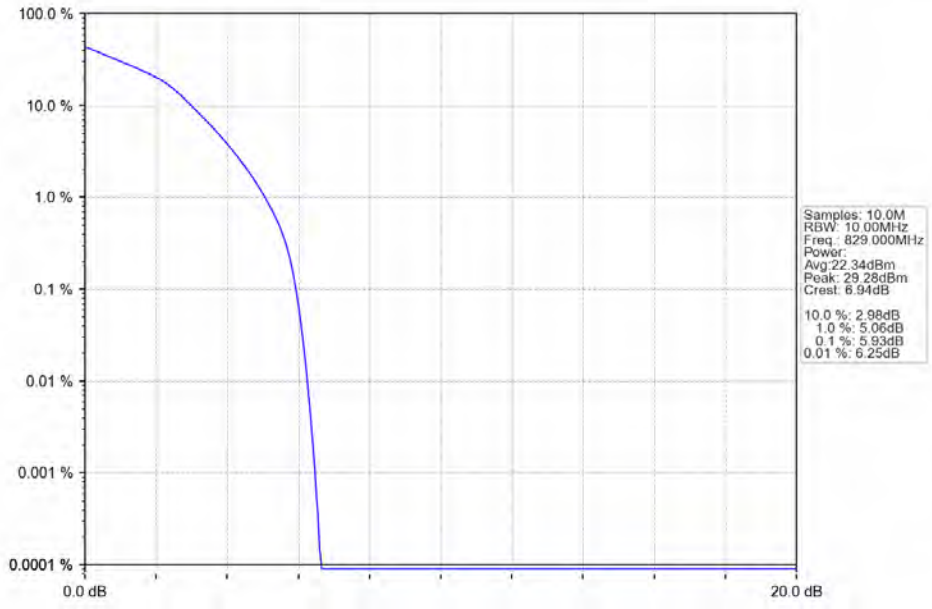
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



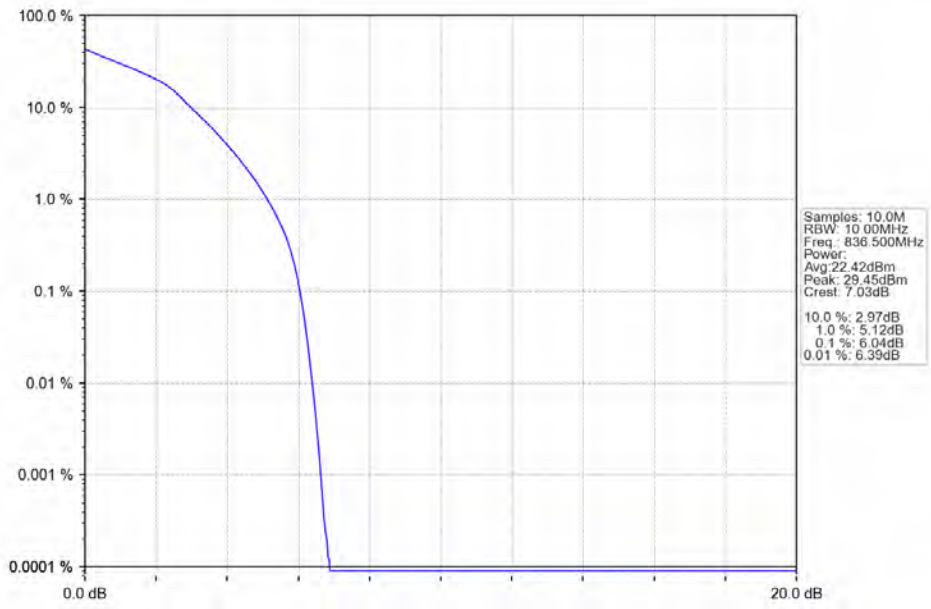
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



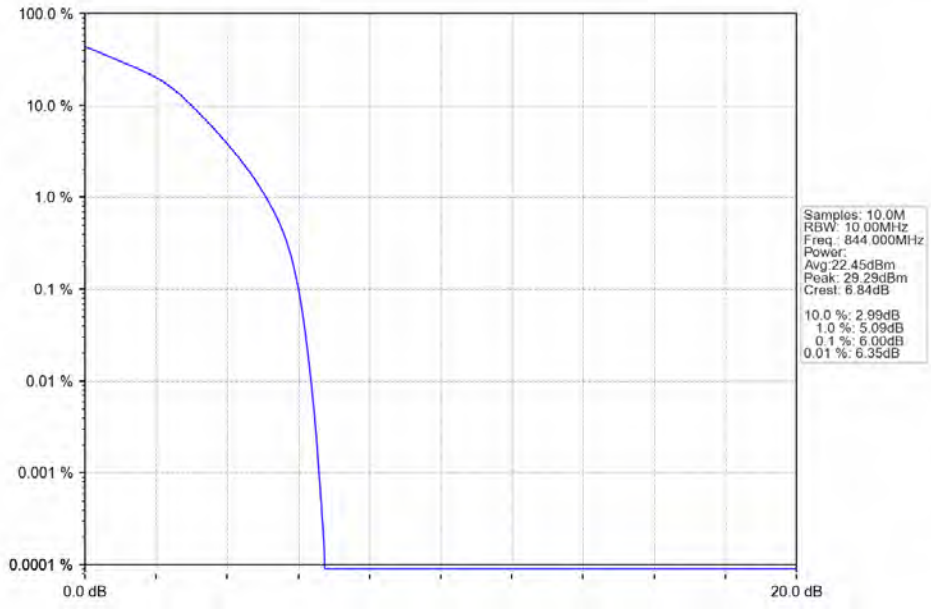
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



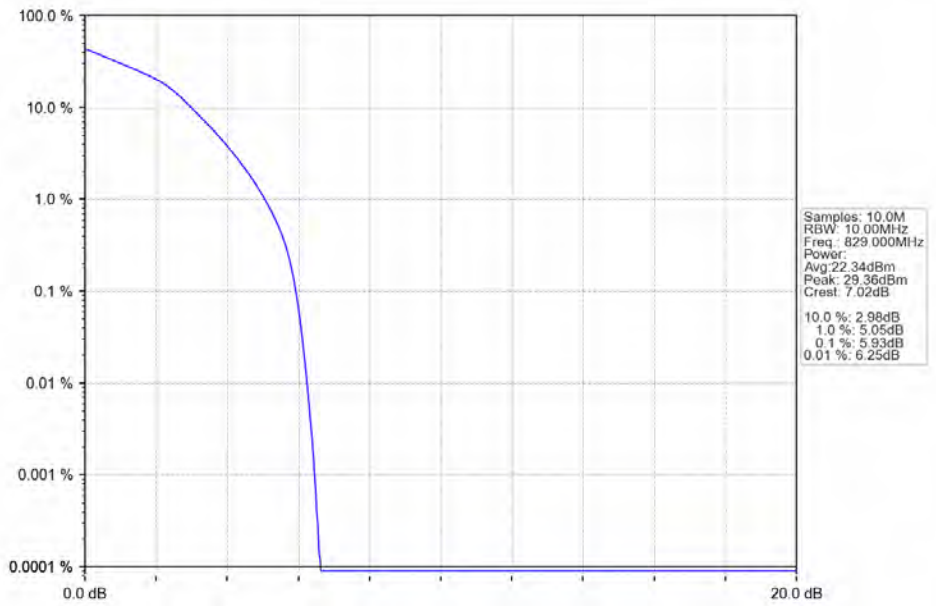
Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



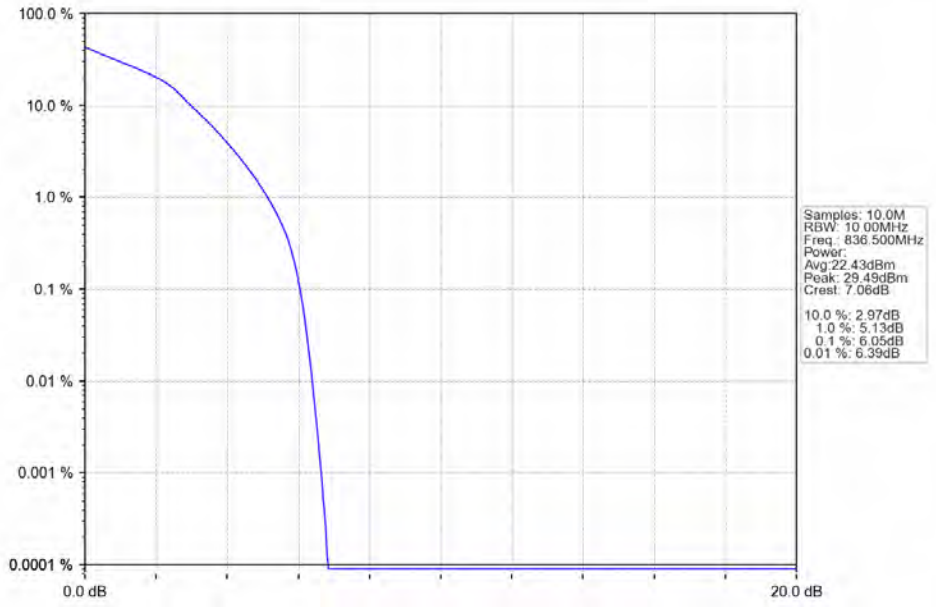
Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



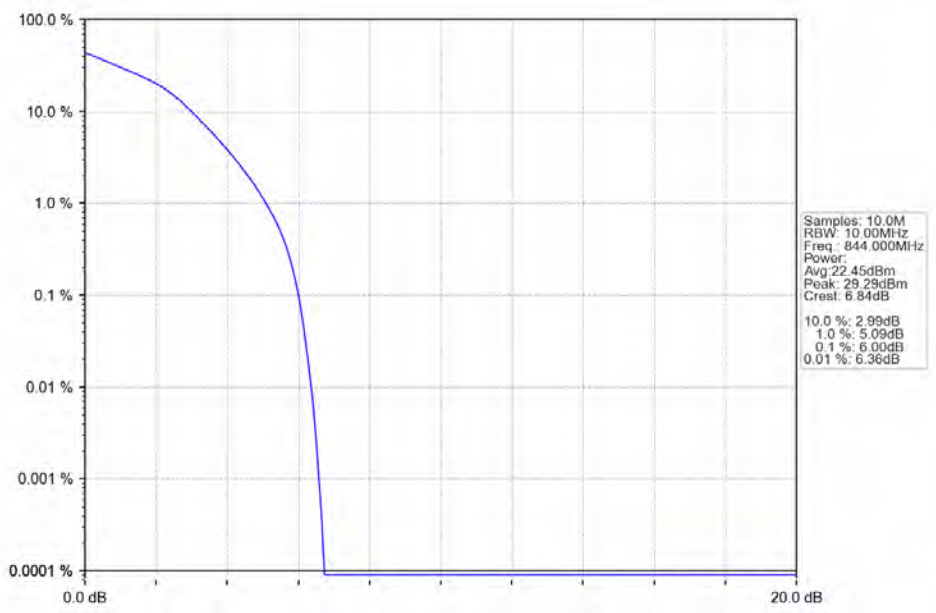
Band5_10MHz_64QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_64QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_64QAM_HCH_844MHz_RB_50_0_NTNV



5. Spurious Emission

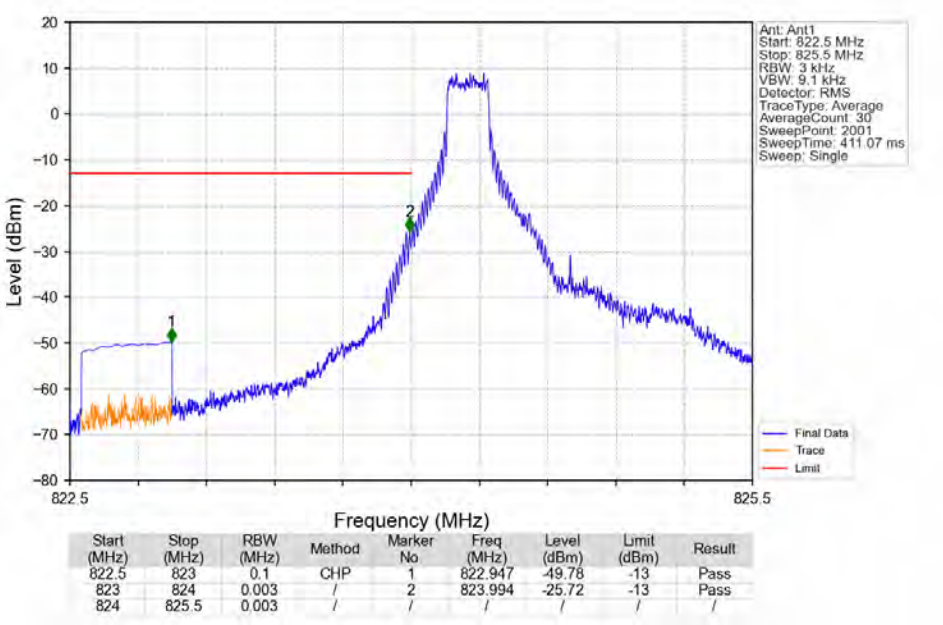
5.1 B5_1.4MHz

5.1.1 Test Result

Band: 5 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	824.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	848.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
16QAM	824.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	848.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
64QAM	824.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	848.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass

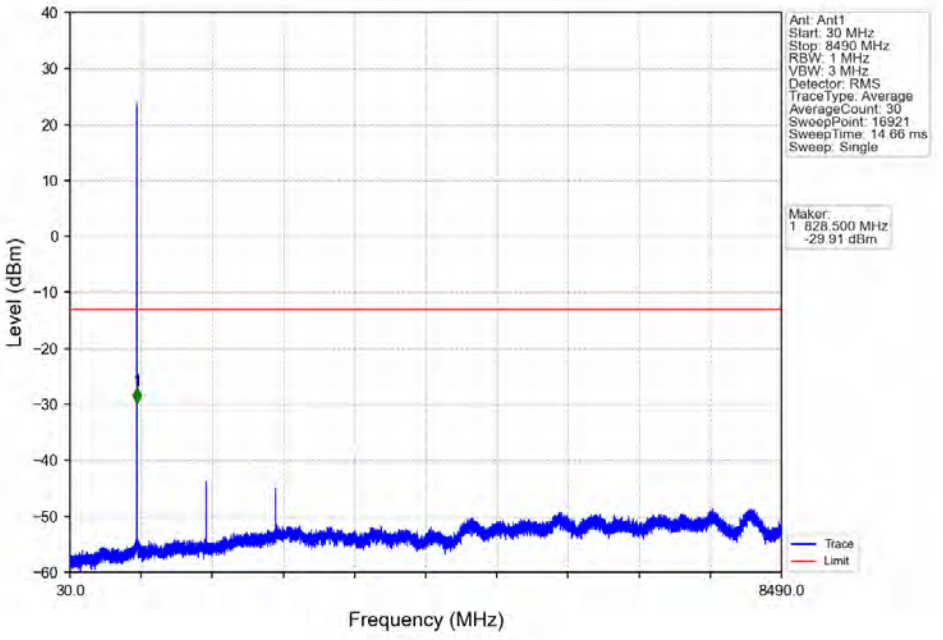
5.1.2 Test Graph

Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV

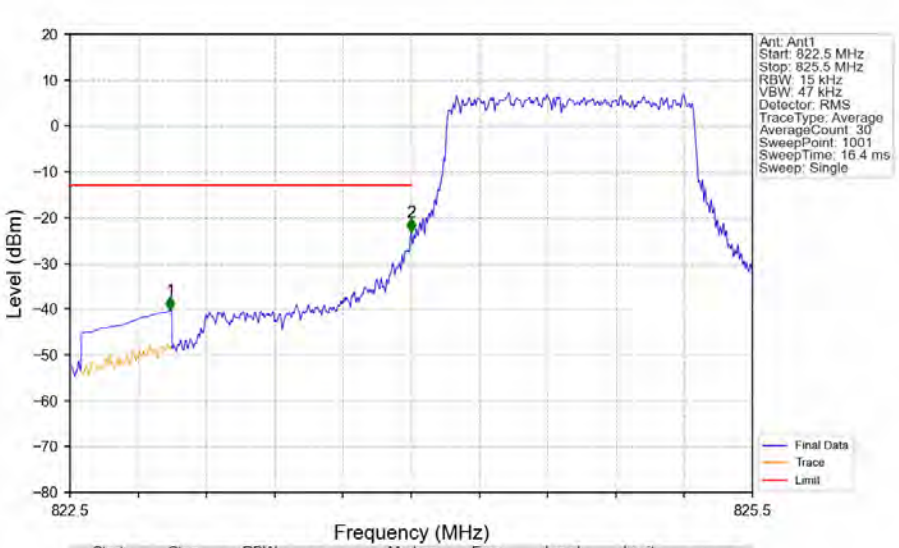


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	823	0.1	CHP	1	822.947	-49.78	-13	Pass
823	824	0.003	/	2	823.994	-25.72	-13	Pass
824	825.5	0.003	/	/	/	/	/	/

Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV

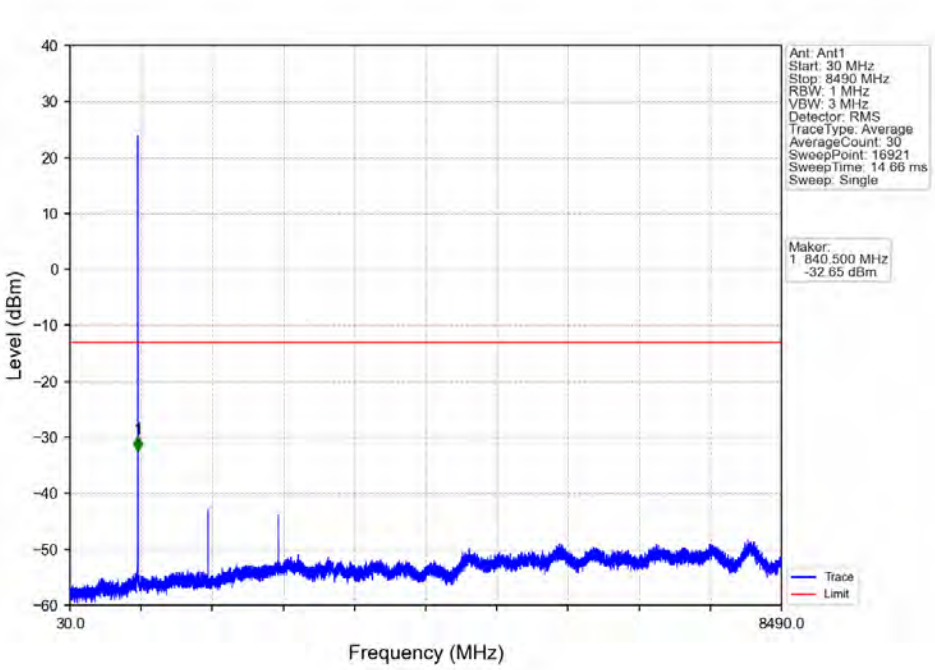


Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV

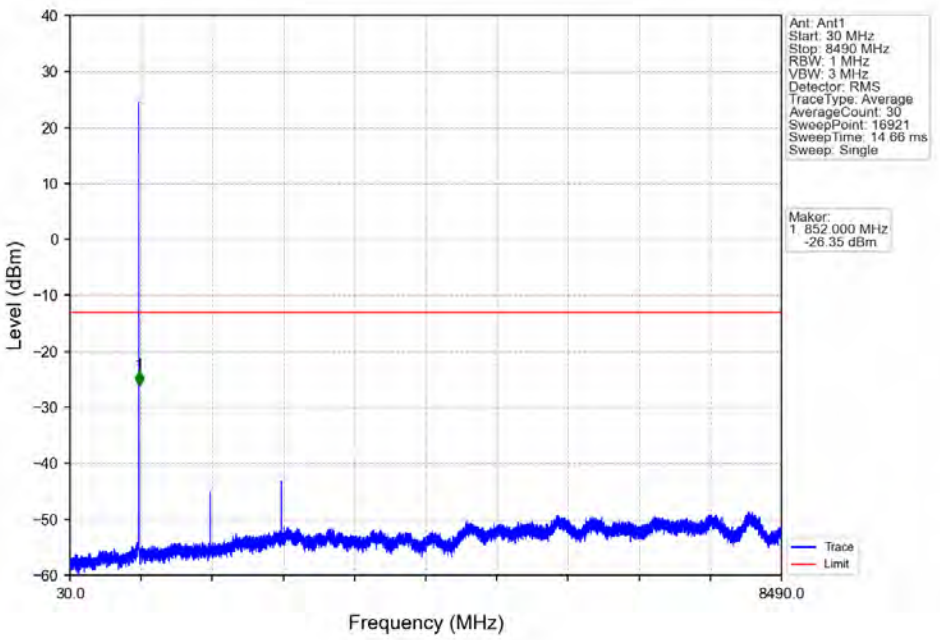


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	823	0.1	CHP	1	822.941	-40.31	-13	Pass
823	824	0.015	/	2	824.000	-23.28	-13	Pass
824	825.5	0.015	/	/	/	/	/	/

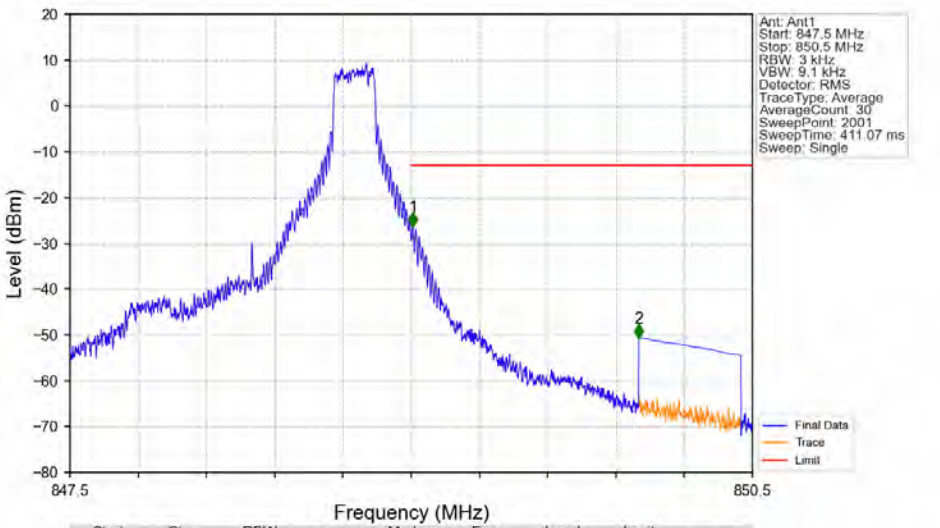
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_1_0_NTNV

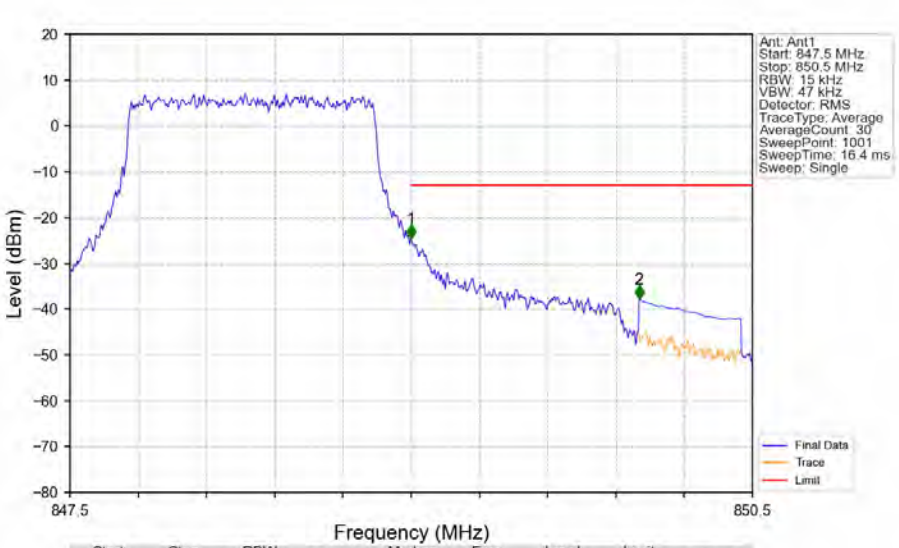


Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_1_5_NTNV



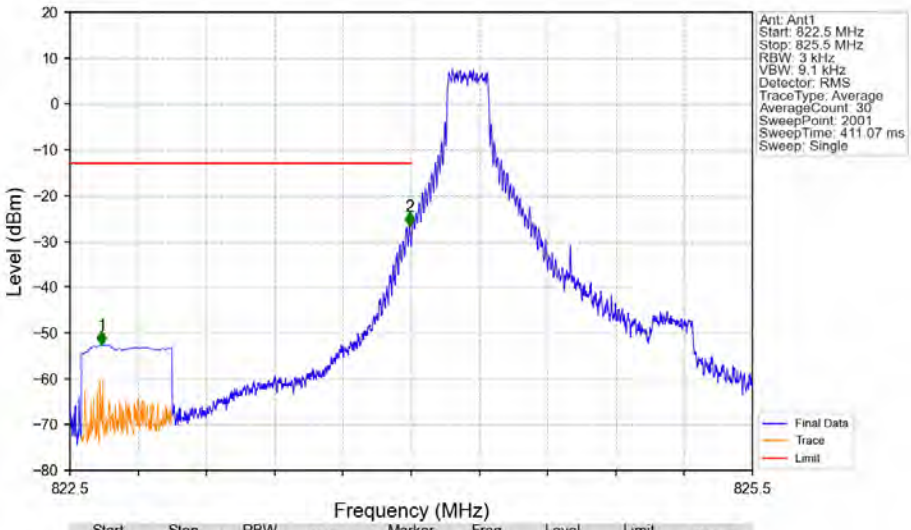
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
847.5	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.008	-26.37	-13	Pass
850	850.5	0.1	CHP	2	850.000	-50.68	-13	Pass

Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



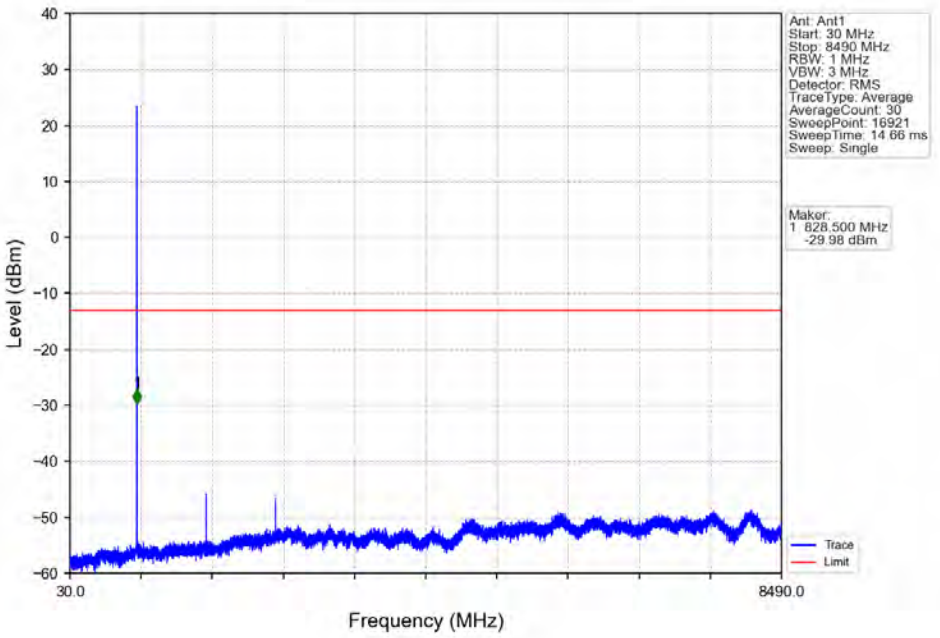
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
847.5	849	0.015	/	/	/	/	/	/
849	850	0.015	/	1	849.000	-24.62	-13	Pass
850	850.5	0.1	CHP	2	850.002	-37.91	-13	Pass

Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_1_0_NTNV

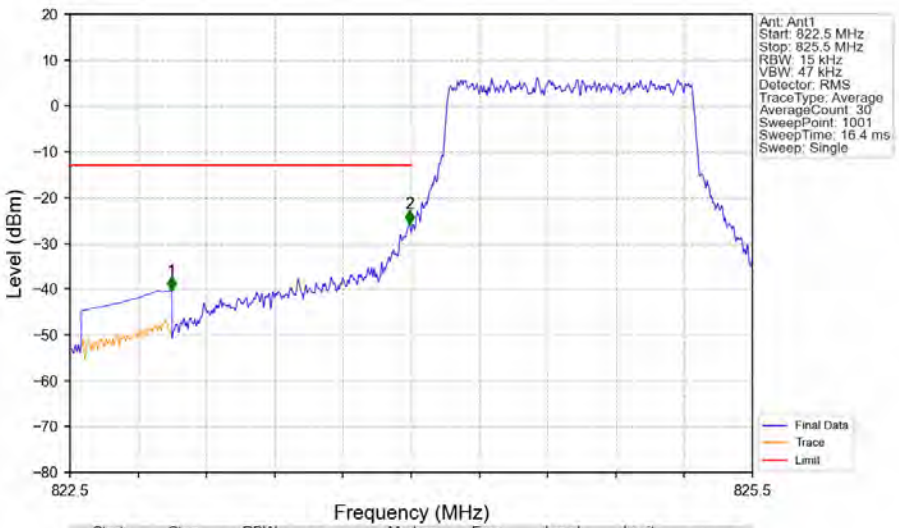


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	823	0.1	CHP	1	822.639	-52.67	-13	Pass
823	824	0.003	/	2	823.992	-26.72	-13	Pass
824	825.5	0.003	/	/	/	/	/	/

Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_1_0_NTNV

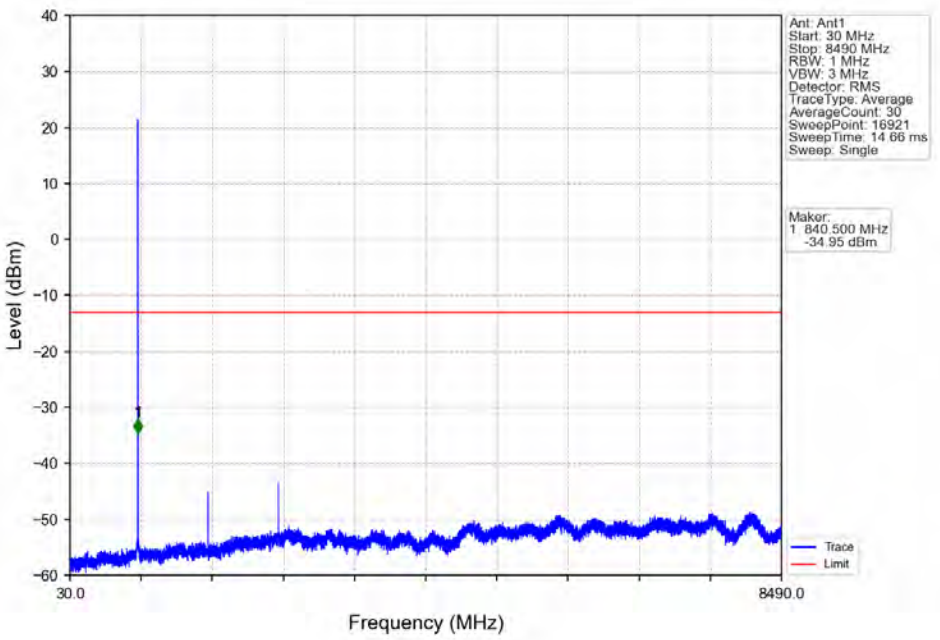


Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV

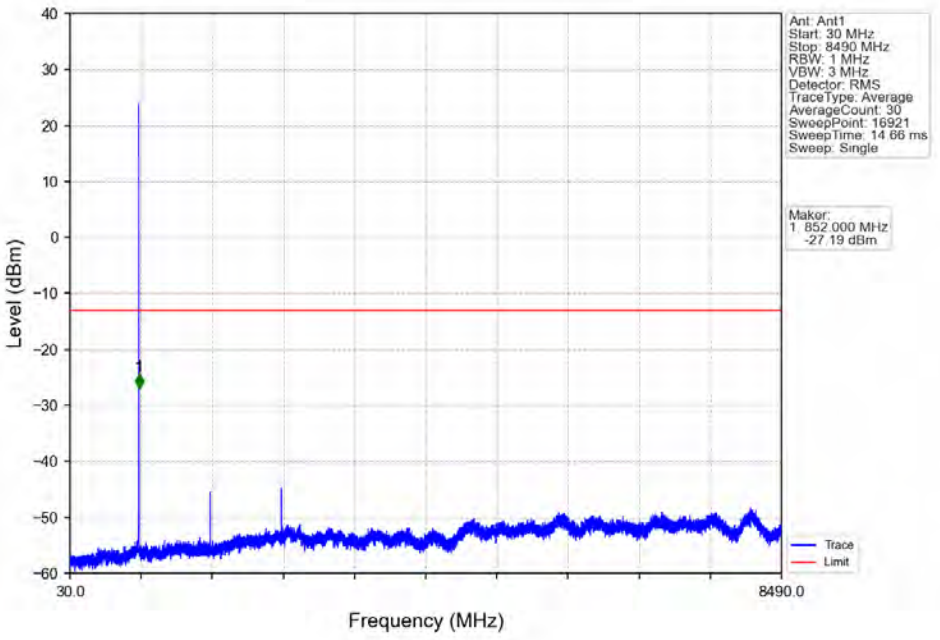


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	823	0.1	CHP	1	822.947	-40.29	-13	Pass
823	824	0.015	/	2	823.994	-25.78	-13	Pass
824	825.5	0.015	/	/	/	/	/	/

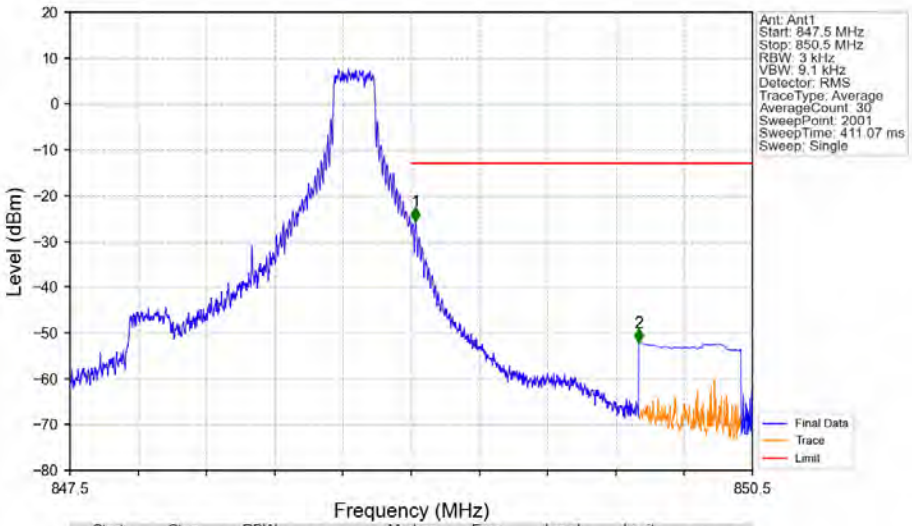
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_1_0_NTNV

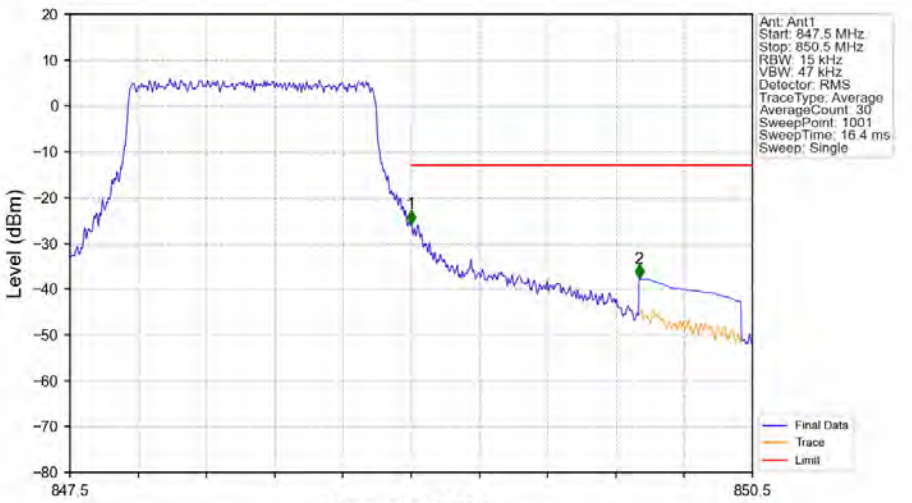


Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_1_5_NTNV



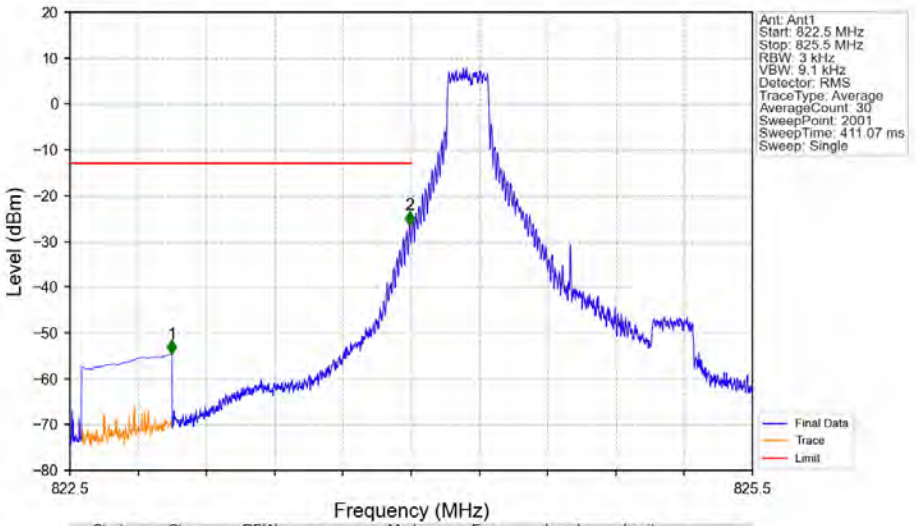
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
847.5	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.019	-25.74	-13	Pass
850	850.5	0.1	CHP	2	850.000	-52.17	-13	Pass

Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



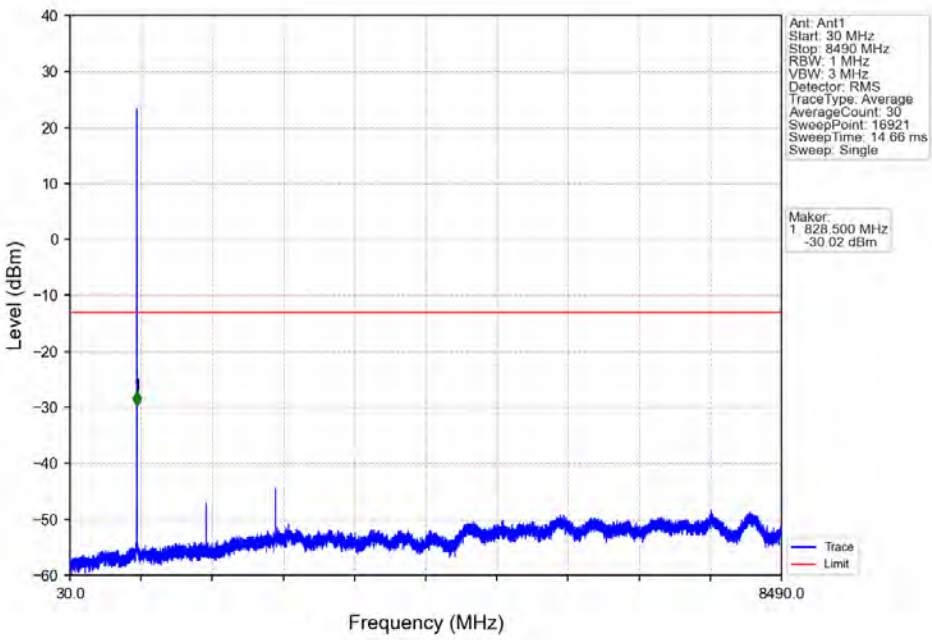
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
847.5	849	0.015	/	/	/	/	/	/
849	850	0.015	/	1	849.000	-25.77	-13	Pass
850	850.5	0.1	CHP	2	850.002	-37.74	-13	Pass

Band5_1.4MHz_64QAM_LCH_824.7MHz_RB_1_0_NTNV

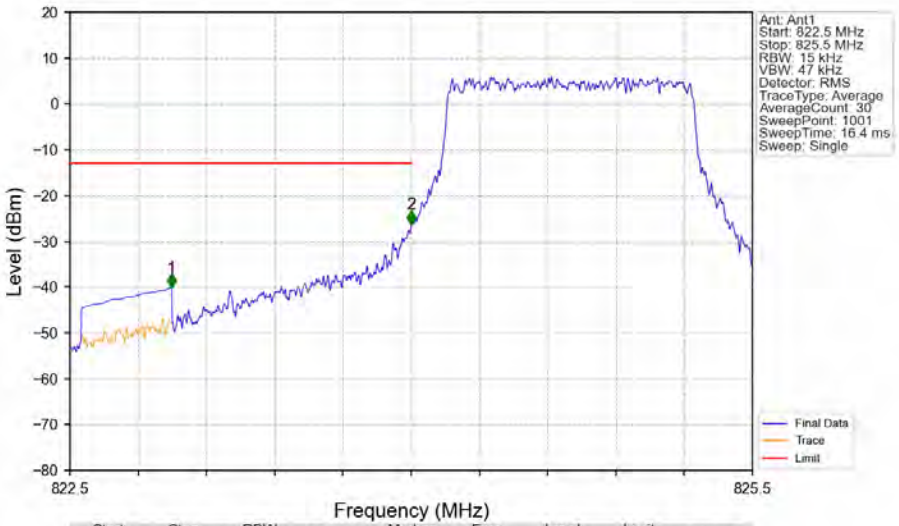


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	823	0.1	CHP	1	822.948	-54.63	-13	Pass
823	824	0.003	/	2	823.992	-26.48	-13	Pass
824	825.5	0.003	/	/	/	/	/	/

Band5_1.4MHz_64QAM_LCH_824.7MHz_RB_1_0_NTNV

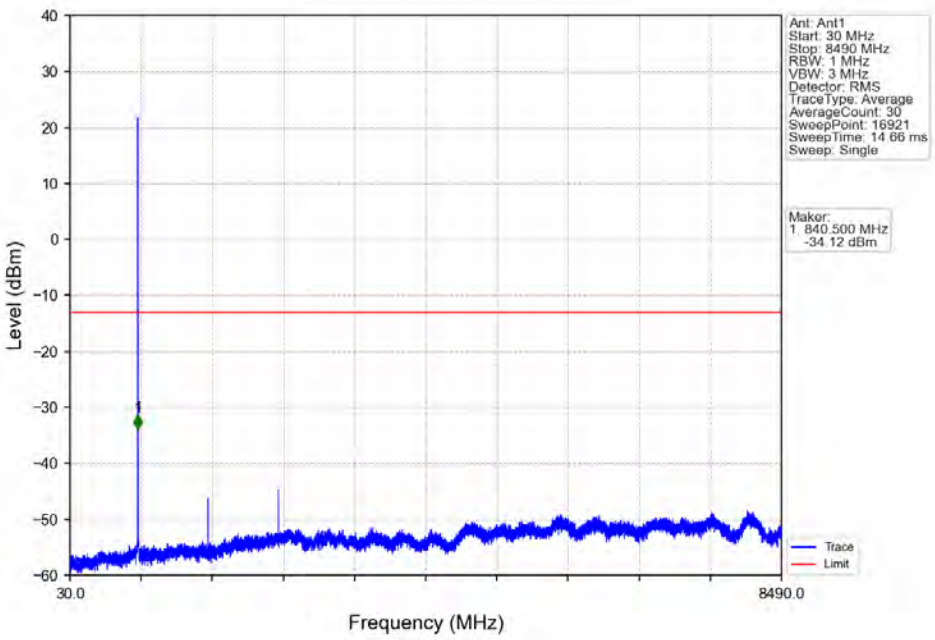


Band5_1.4MHz_64QAM_LCH_824.7MHz_RB_6_0_NTNV

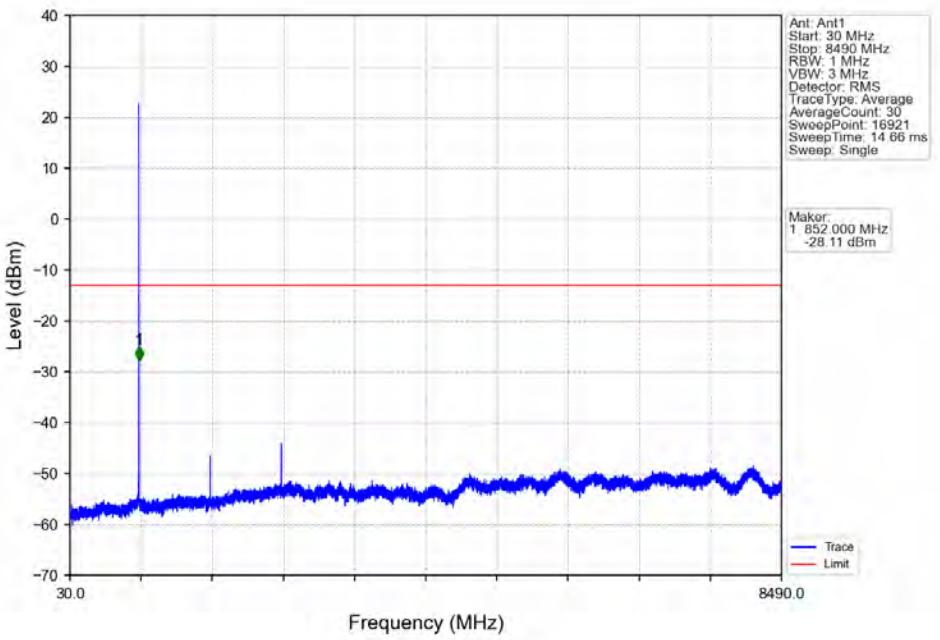


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	823	0.1	CHP	1	822.947	-40.09	-13	Pass
823	824	0.015	/	2	824.000	-26.31	-13	Pass
824	825.5	0.015	/	/	/	/	/	/

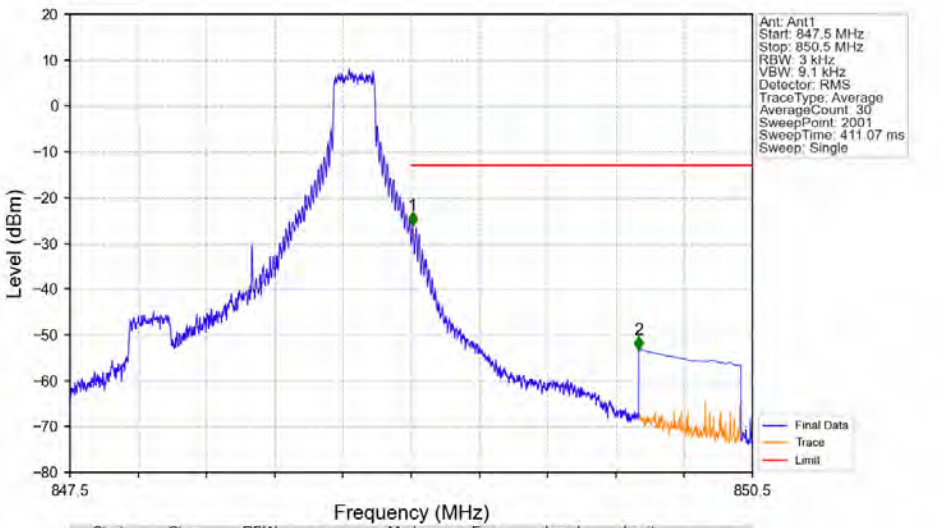
Band5_1.4MHz_64QAM_MCH_836.5MHz_RB_1_0_NTNV



Band5_1.4MHz_64QAM_HCH_848.3MHz_RB_1_0_NTNV

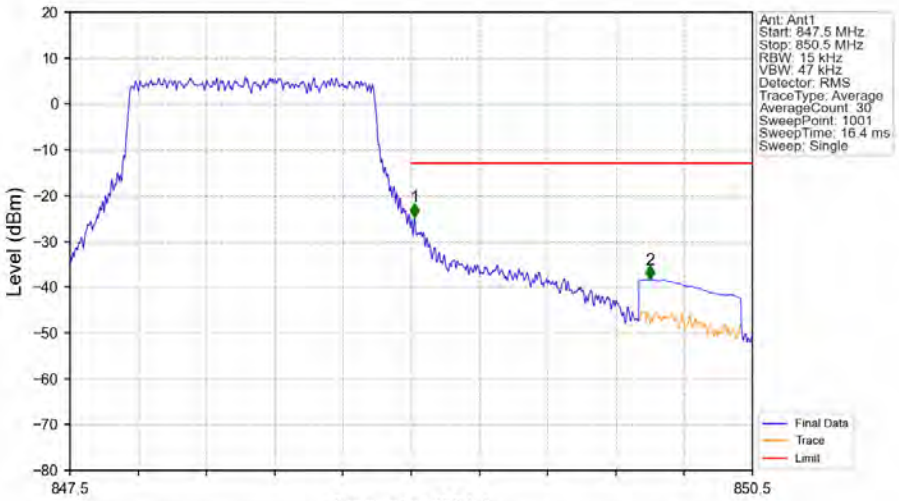


Band5_1.4MHz_64QAM_HCH_848.3MHz_RB_1_5_NTNV



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	849.006	-26.13	-13	Pass
850	850.5	0.1	CHP	2	850.000	-53.28	-13	Pass

Band5_1.4MHz_64QAM_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	0.015	/	/	/	/	/	/
849	850	0.015	/	1	849.015	-24.72	-13	Pass
850	850.5	0.1	CHP	2	850.050	-38.38	-13	Pass

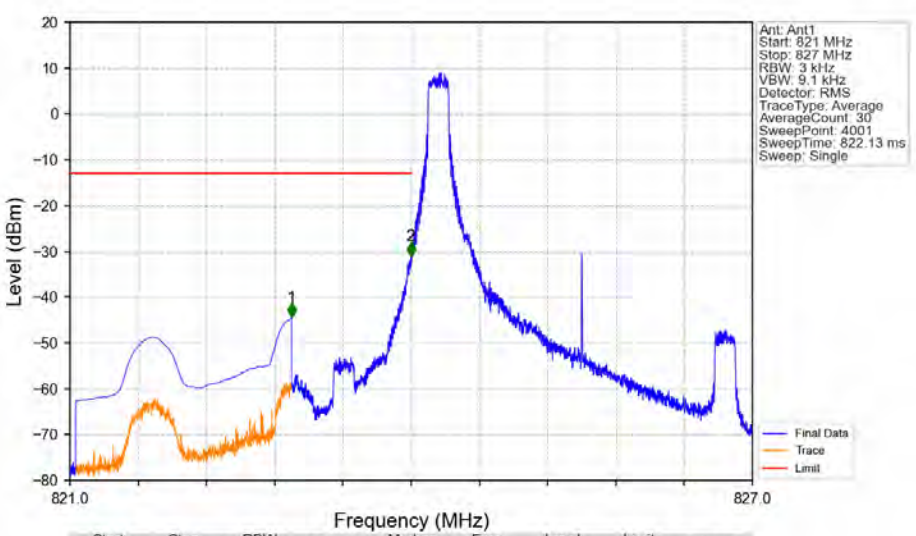
5.2 B5_3MHz

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
	836.5	1	0	Refer To Test Graph		Pass
	847.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
16QAM	825.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	847.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
64QAM	825.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	847.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass

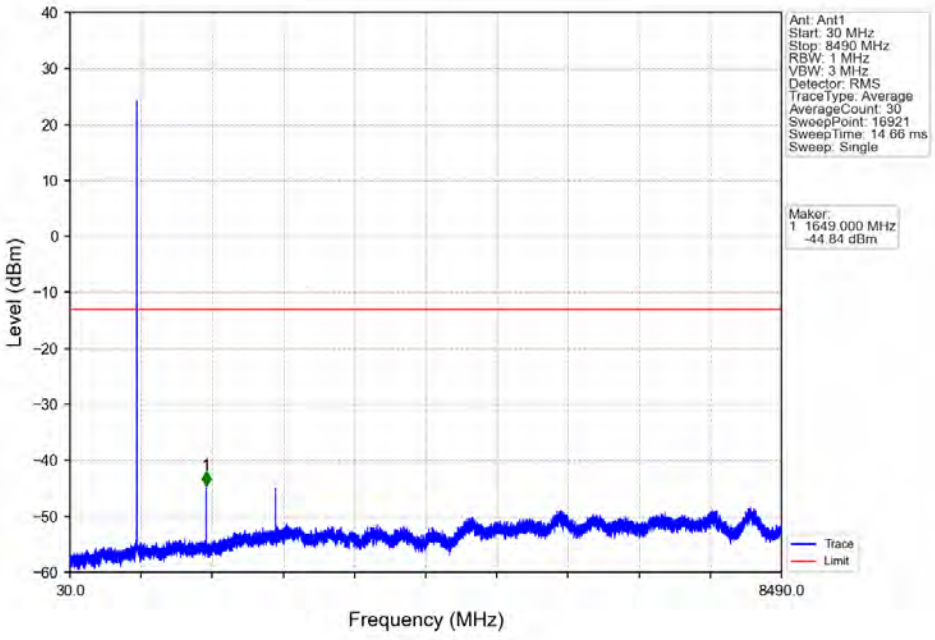
5.2.2 Test Graph

Band5_3MHz_QPSK_LCH_825.5MHz_RB_1_0_NTNV

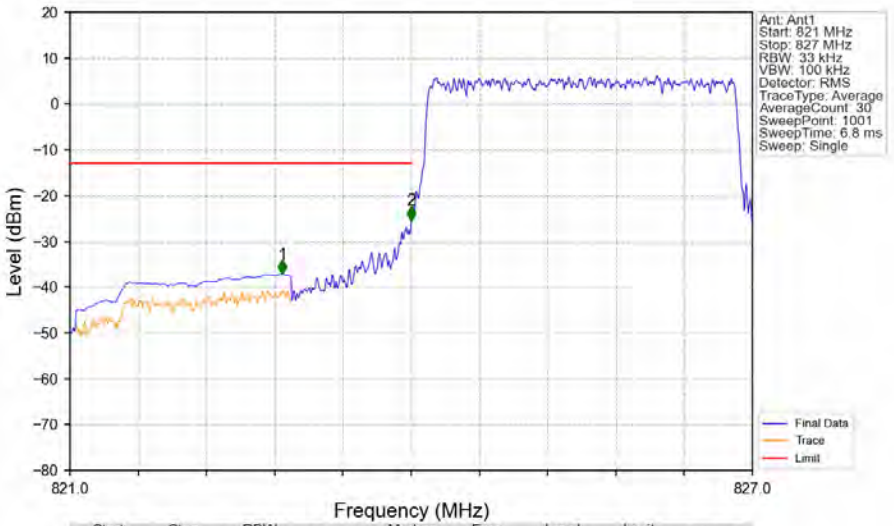


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.948	-44.43	-13	Pass
823	824	0.003	/	2	823.997	-31.08	-13	Pass
824	827	0.003	/	/	/	/	/	/

Band5_3MHz_QPSK_LCH_825.5MHz_RB_1_0_NTNV

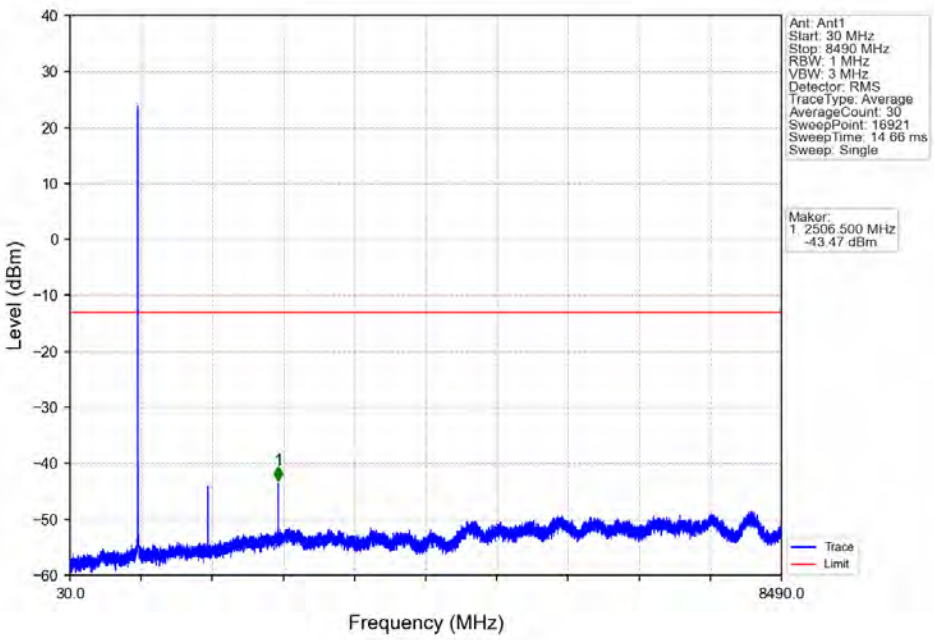


Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV

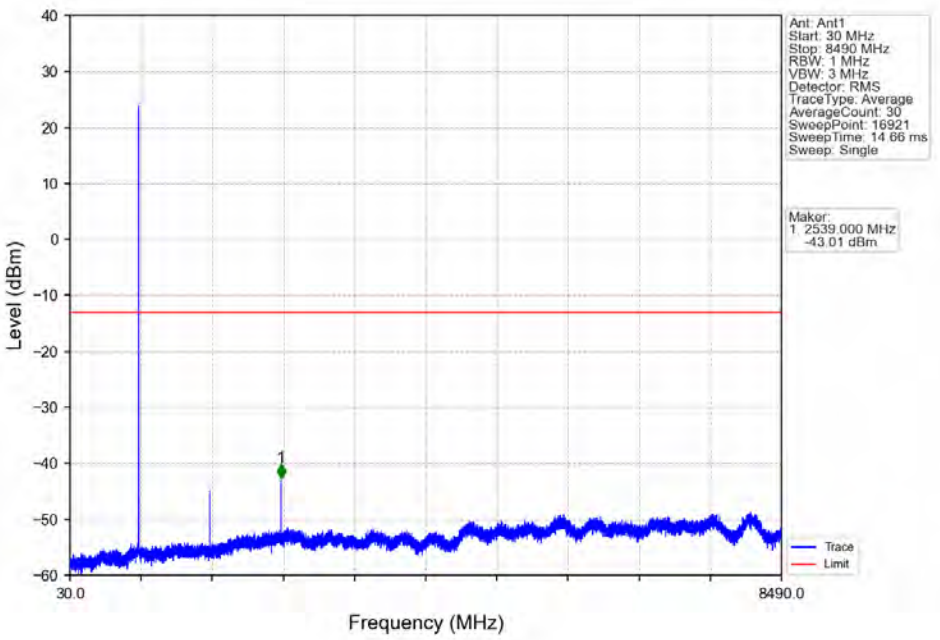


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.866	-37.16	-13	Pass
823	824	0.033	/	2	824.000	-25.42	-13	Pass
824	827	0.033	/	/	/	/	/	/

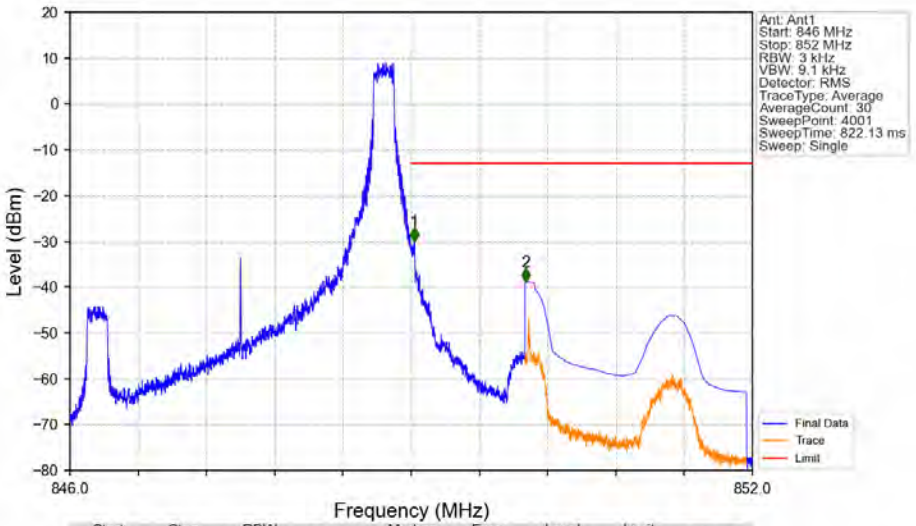
Band5_3MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_0_NTNV

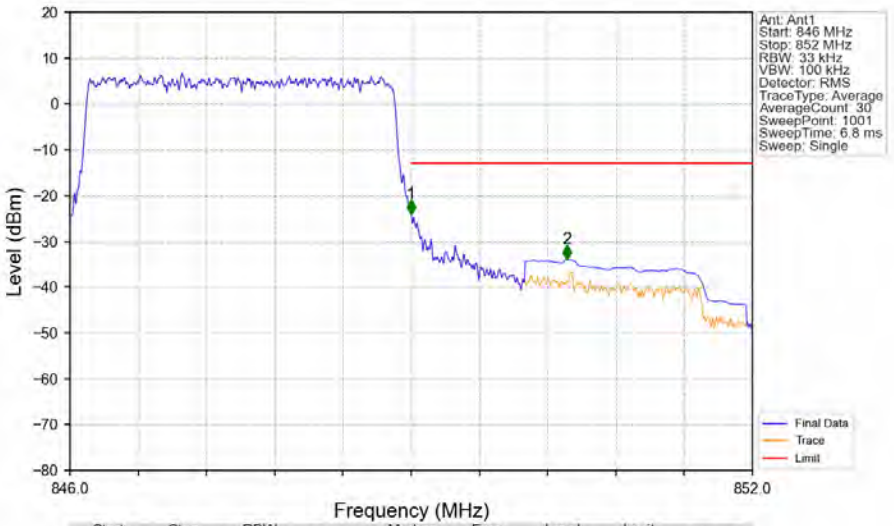


Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_14_NTNV



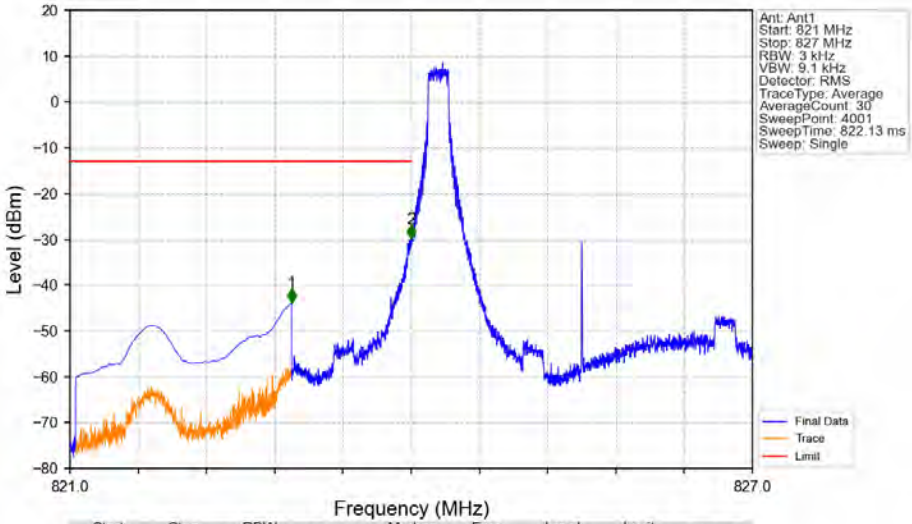
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.029	-30.10	-13	Pass
850	852	0.1	CHP	2	850.006	-38.94	-13	Pass

Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



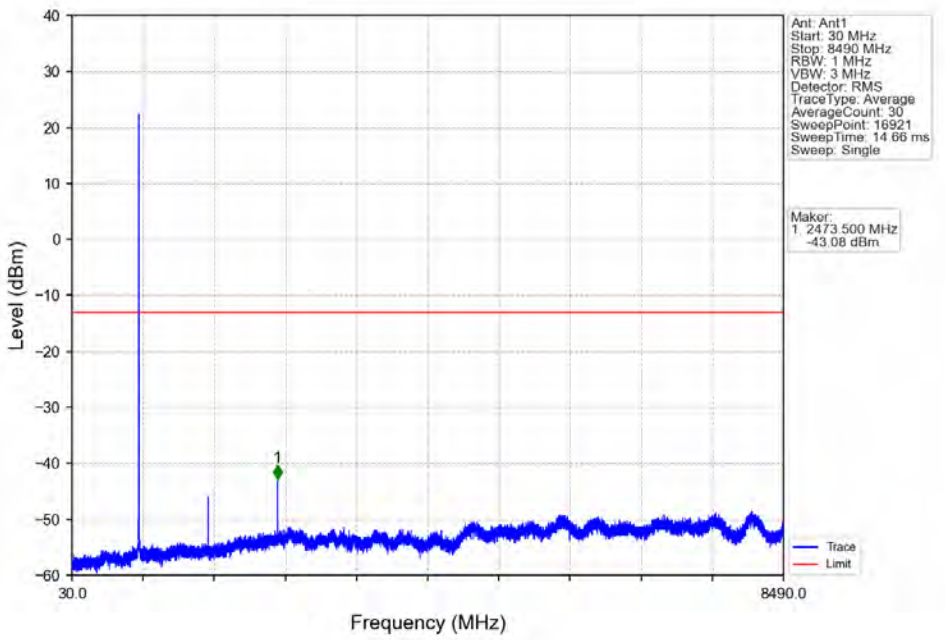
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.033	/	/	/	/	/	/
849	850	0.033	/	1	849.000	-24.00	-13	Pass
850	852	0.1	CHP	2	850.368	-33.90	-13	Pass

Band5_3MHz_16QAM_LCH_825.5MHz_RB_1_0_NTNV

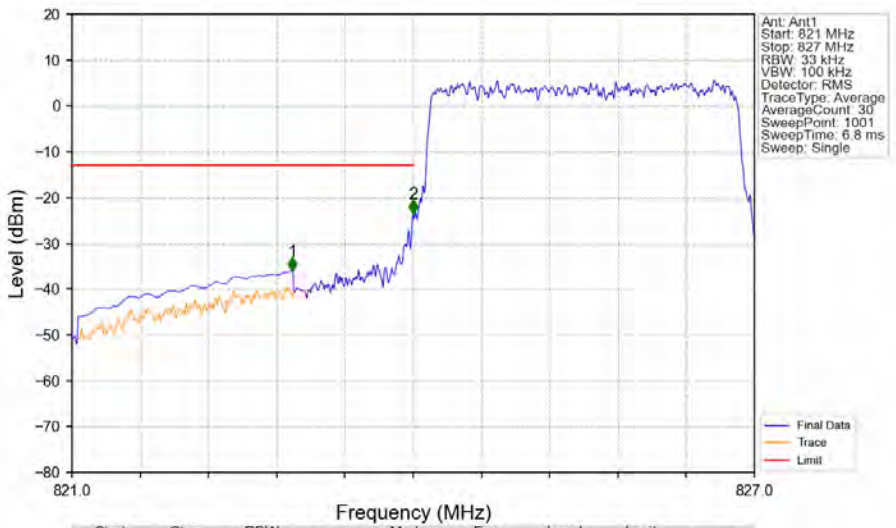


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.948	-43.89	-13	Pass
823	824	0.003	/	2	824.000	-29.91	-13	Pass
824	827	0.003	/	/	/	/	/	/

Band5_3MHz_16QAM_LCH_825.5MHz_RB_1_0_NTNV

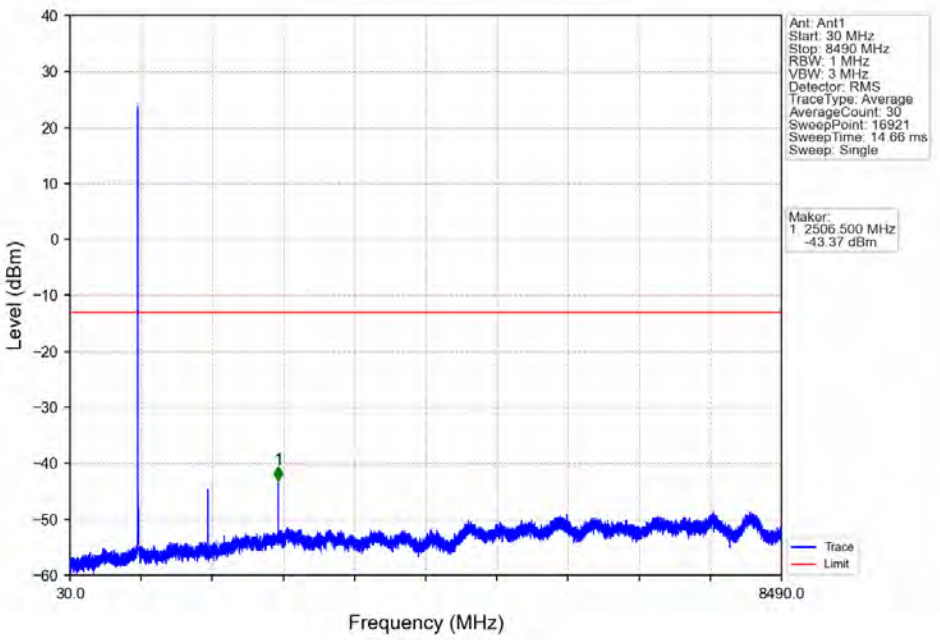


Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV

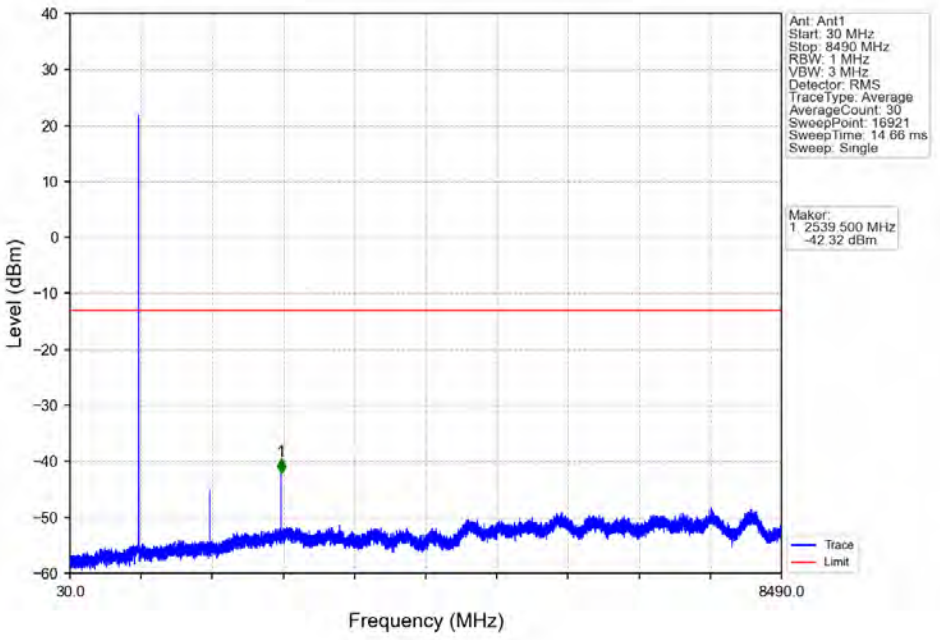


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.938	-36.03	-13	Pass
823	824	0.033	/	2	824.000	-23.52	-13	Pass
824	827	0.033	/	/	/	/	/	/

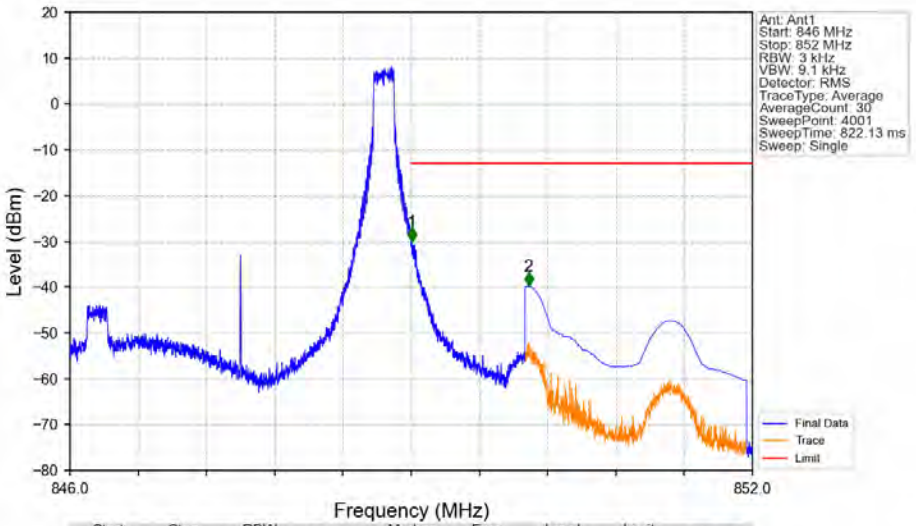
Band5_3MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



Band5_3MHz_16QAM_HCH_847.5MHz_RB_1_0_NTNV

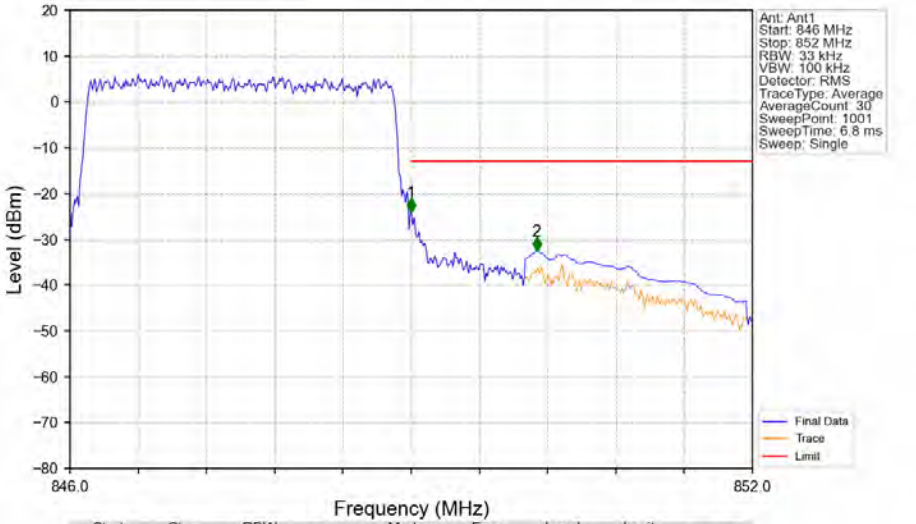


Band5_3MHz_16QAM_HCH_847.5MHz_RB_1_14_NTNV



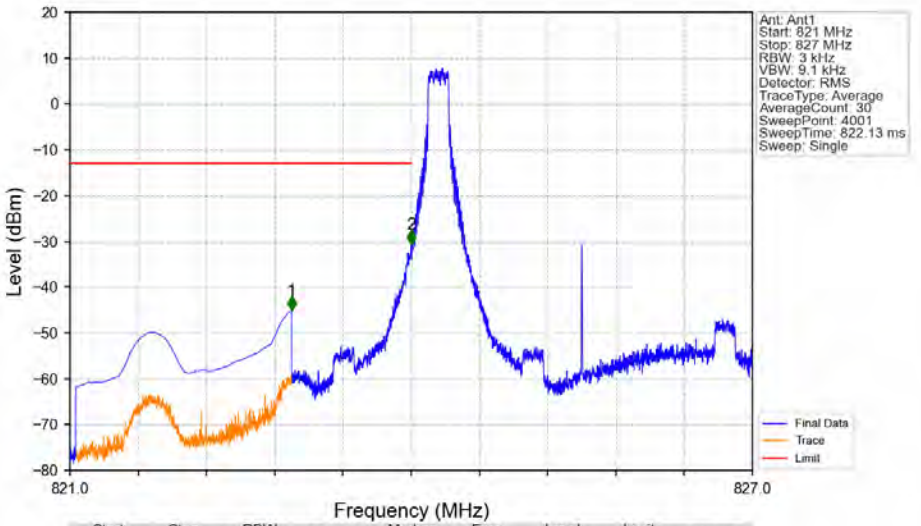
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.005	-30.08	-13	Pass
850	852	0.1	CHP	2	850.032	-39.84	-13	Pass

Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



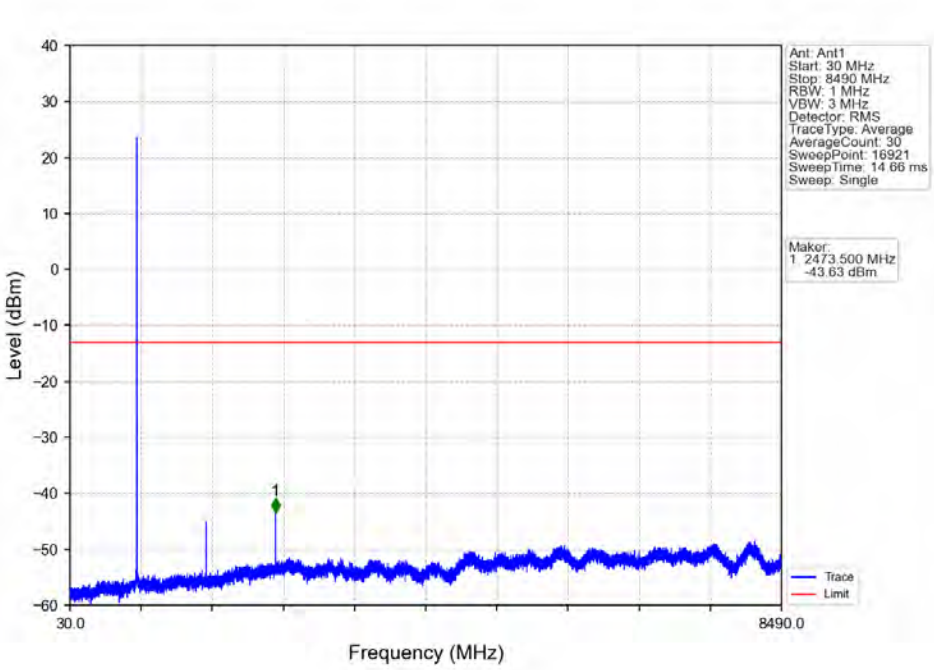
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.033	/	/	/	/	/	/
849	850	0.033	/	1	849.000	-24.17	-13	Pass
850	852	0.1	CHP	2	850.104	-32.57	-13	Pass

Band5_3MHz_64QAM_LCH_825.5MHz_RB_1_0_NTNV

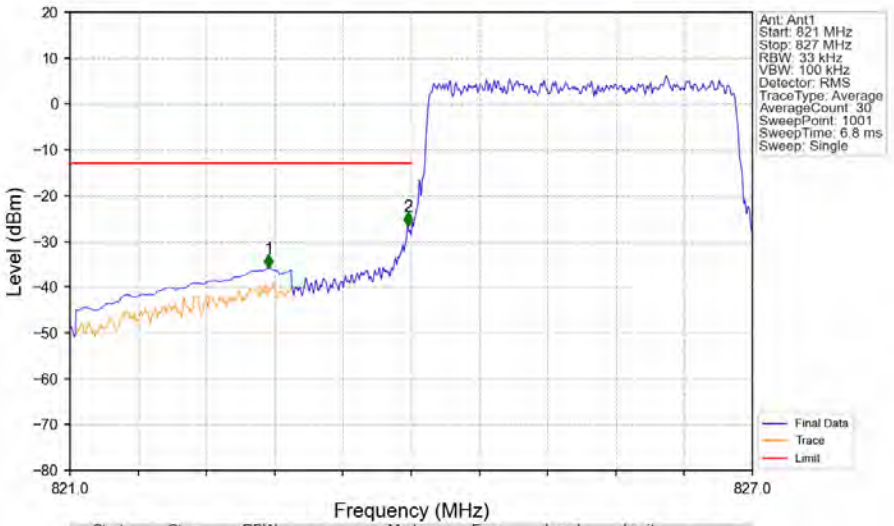


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.948	-45.14	-13	Pass
823	824	0.003	/	2	823.999	-30.62	-13	Pass
824	827	0.003	/	/	/	/	/	/

Band5_3MHz_64QAM_LCH_825.5MHz_RB_1_0_NTNV

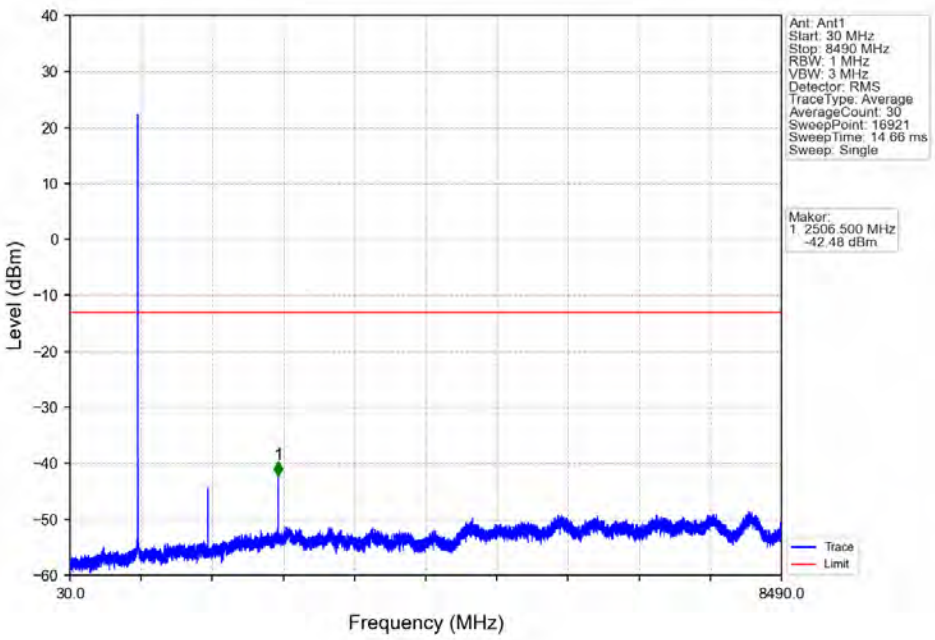


Band5_3MHz_64QAM_LCH_825.5MHz_RB_15_0_NTNV

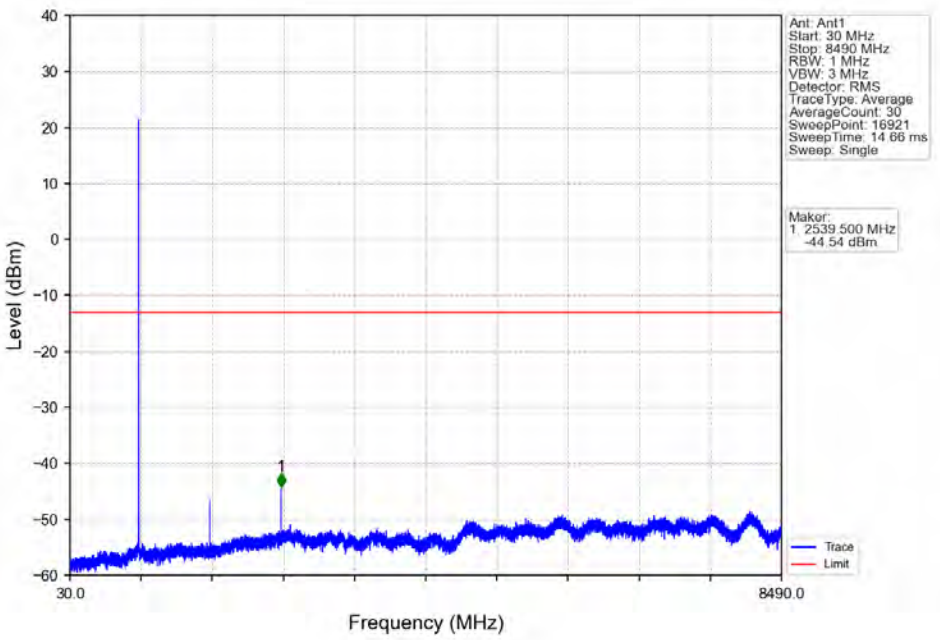


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.746	-35.86	-13	Pass
823	824	0.033	/	2	823.970	-26.68	-13	Pass
824	827	0.033	/	/	/	/	/	/

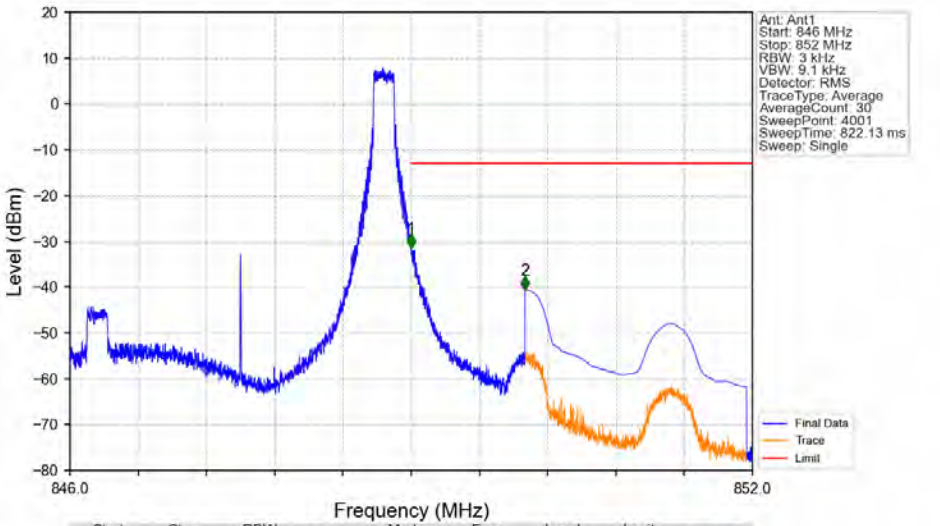
Band5_3MHz_64QAM_MCH_836.5MHz_RB_1_0_NTNV



Band5_3MHz_64QAM_HCH_847.5MHz_RB_1_0_NTNV

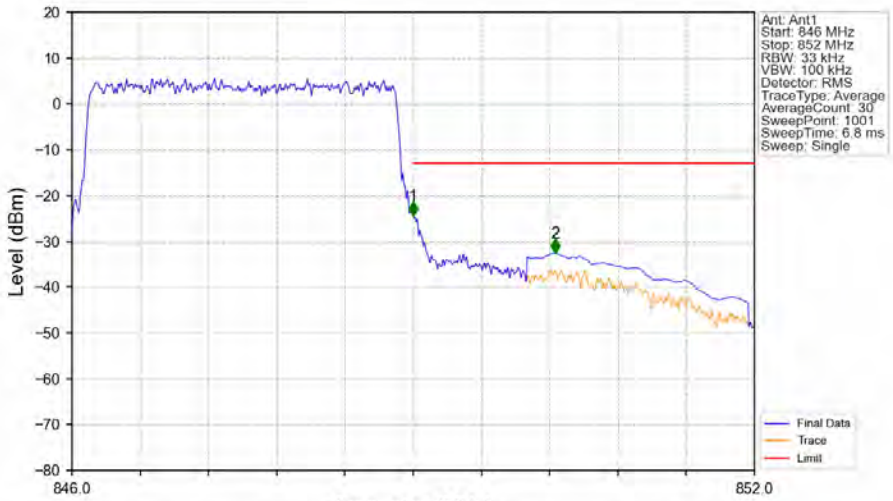


Band5_3MHz_64QAM_HCH_847.5MHz_RB_1_14_NTNV



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	849.000	-31.46	-13	Pass
850	852	0.1	CHP	2	850.002	-40.63	-13	Pass

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	-24.42	-13	Pass
850	852	0.1	CHP	2	850.248	-32.63	-13	Pass

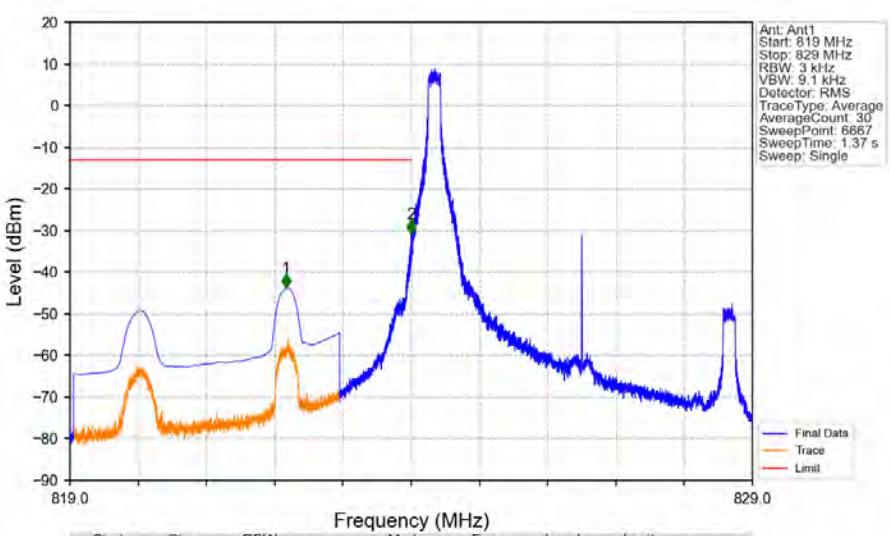
5.3 B5_5MHz

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
	836.5	1	0	Refer To Test Graph		Pass
	846.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
16QAM	826.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	846.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
64QAM	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

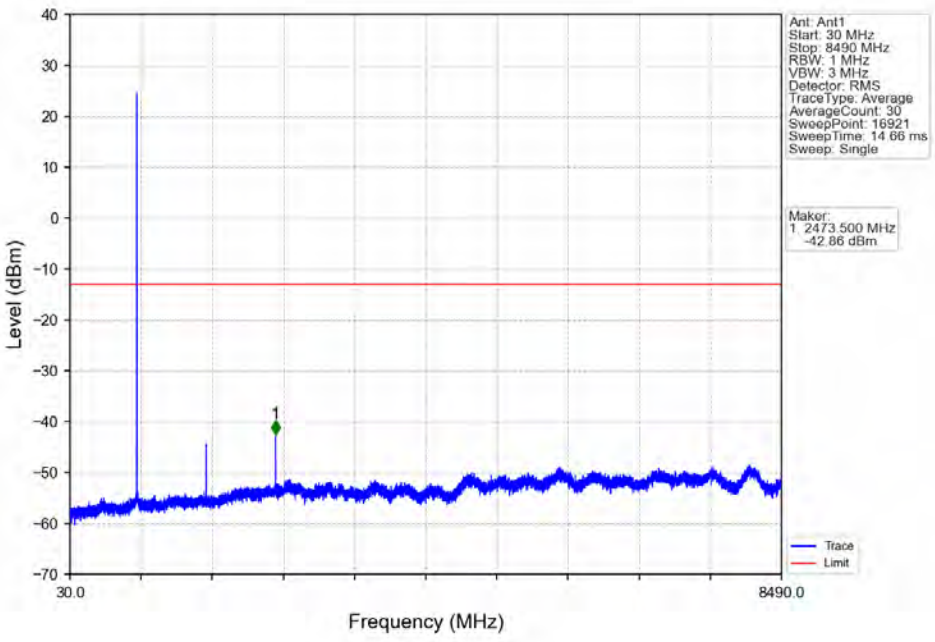
5.3.2 Test Graph

Band5_5MHz_QPSK_LCH_826.5MHz_RB_1_0_NTNV

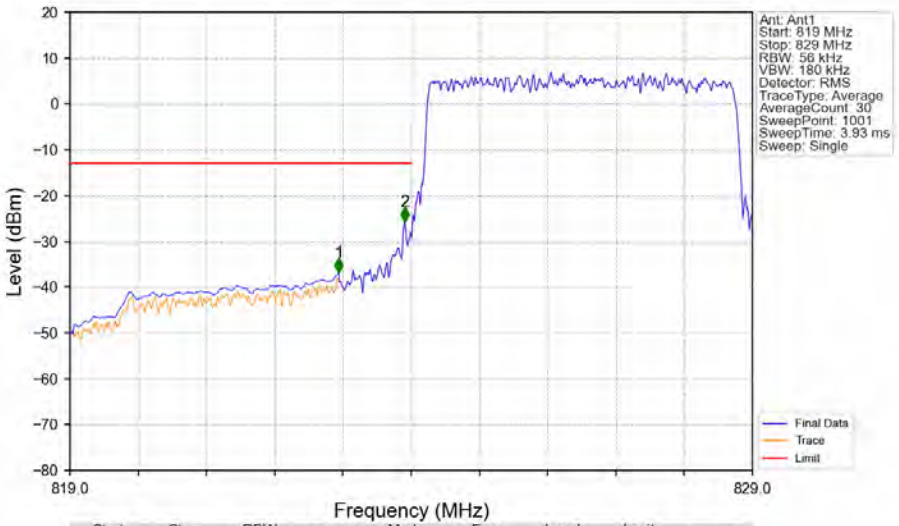


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.164	-43.83	-13	Pass
823	824	0.003	/	2	824.000	-30.80	-13	Pass
824	829	0.003	/	/	/	/	/	/

Band5_5MHz_QPSK_LCH_826.5MHz_RB_1_0_NTNV

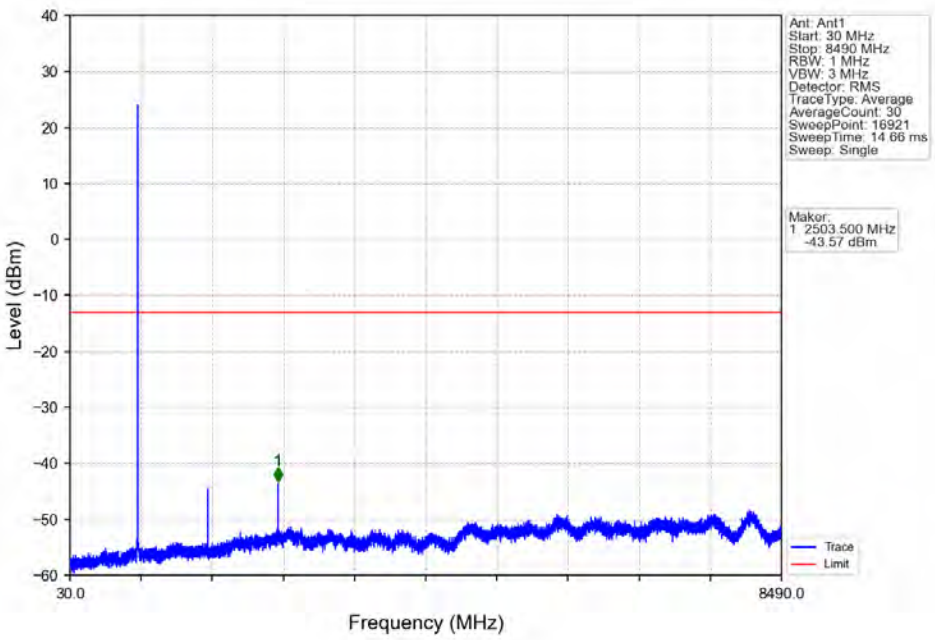


Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV

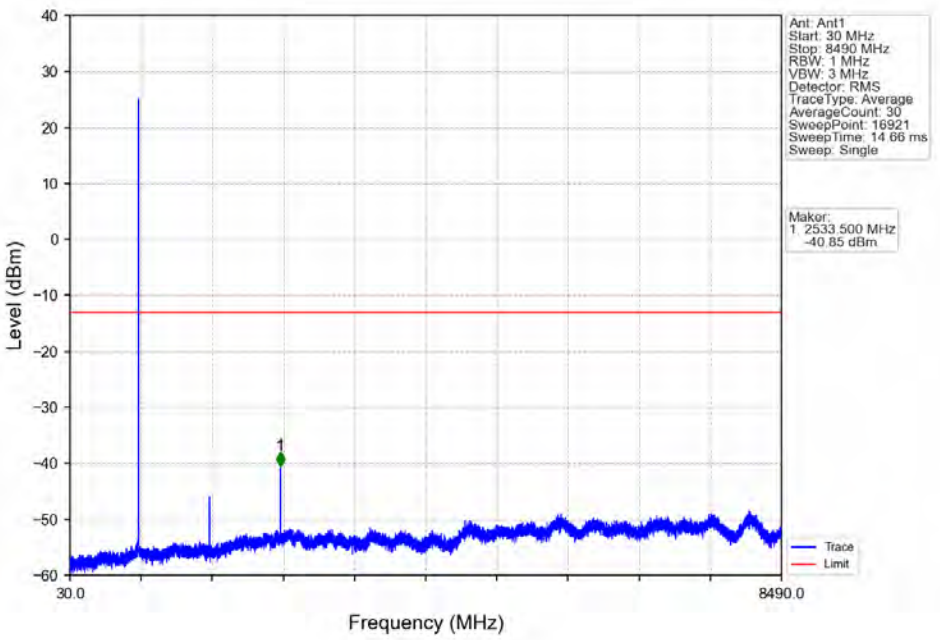


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.940	-36.87	-13	Pass
823	824	0.056	/	2	823.910	-25.75	-13	Pass
824	829	0.056	/	/	/	/	/	/

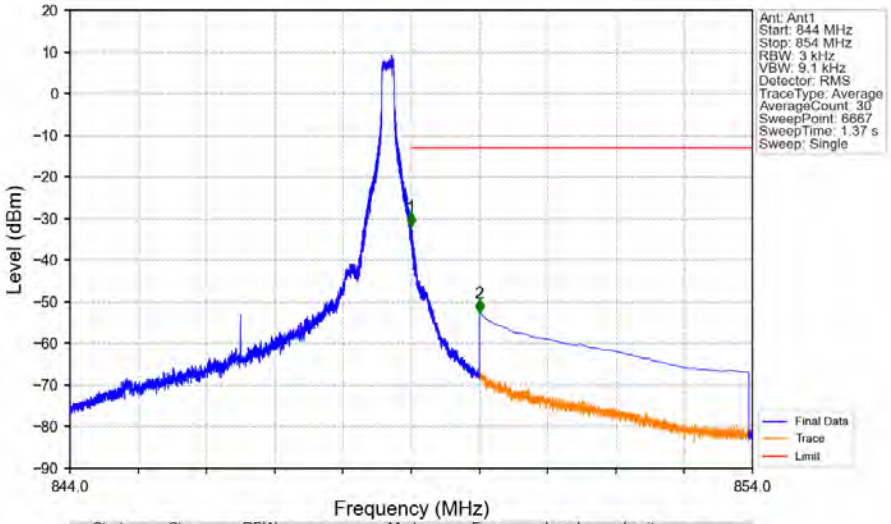
Band5_5MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_0_NTNV

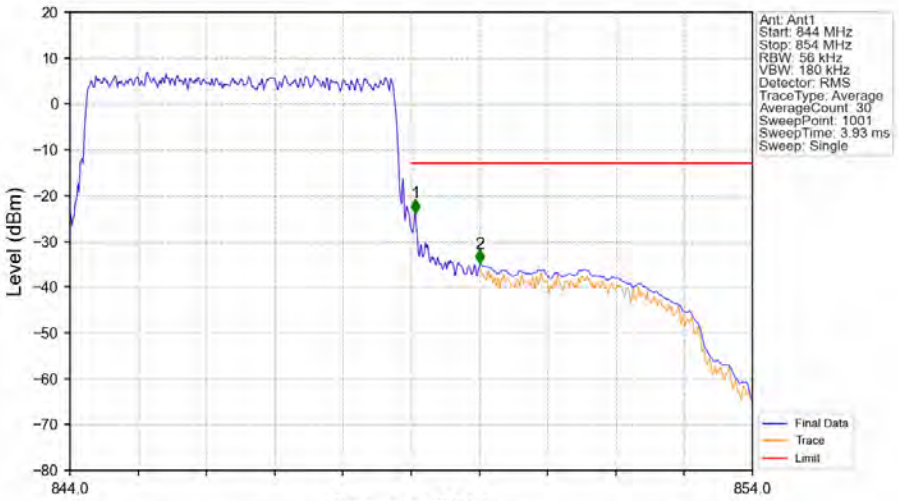


Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_24_NTNV



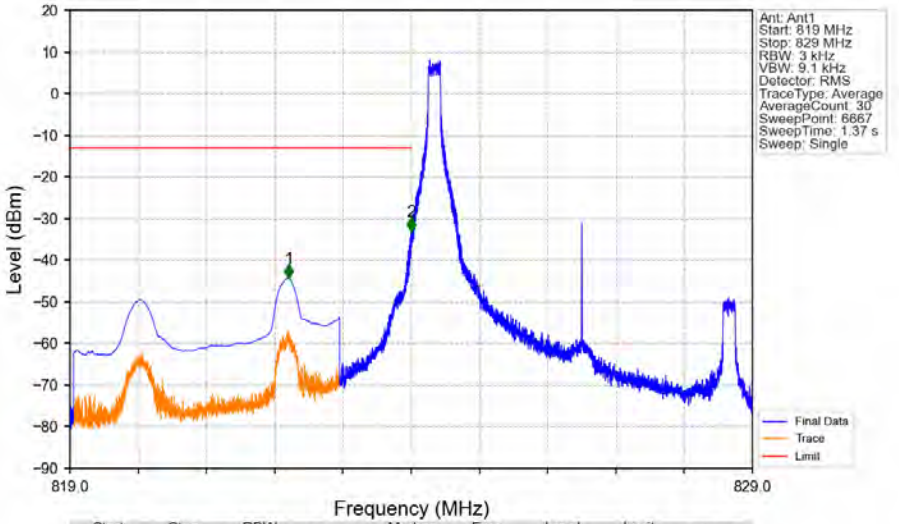
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.000	-31.97	-13	Pass
850	854	0.1	CHP	2	850.001	-52.79	-13	Pass

Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



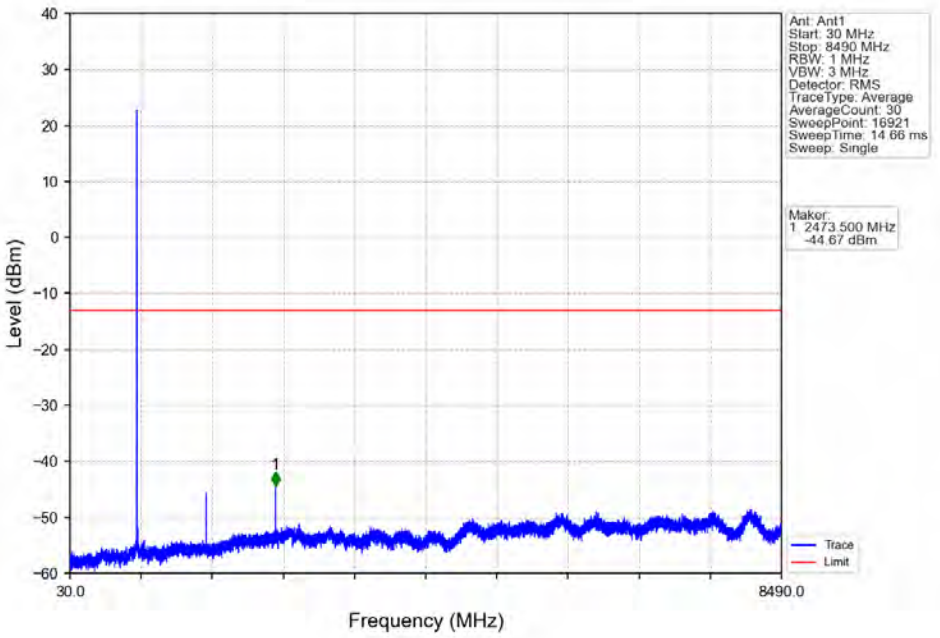
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.056	/	/	/	/	/	/
849	850	0.056	/	1	849.060	-23.83	-13	Pass
850	854	0.1	CHP	2	850.010	-34.81	-13	Pass

Band5_5MHz_16QAM_LCH_826.5MHz_RB_1_0_NTNV

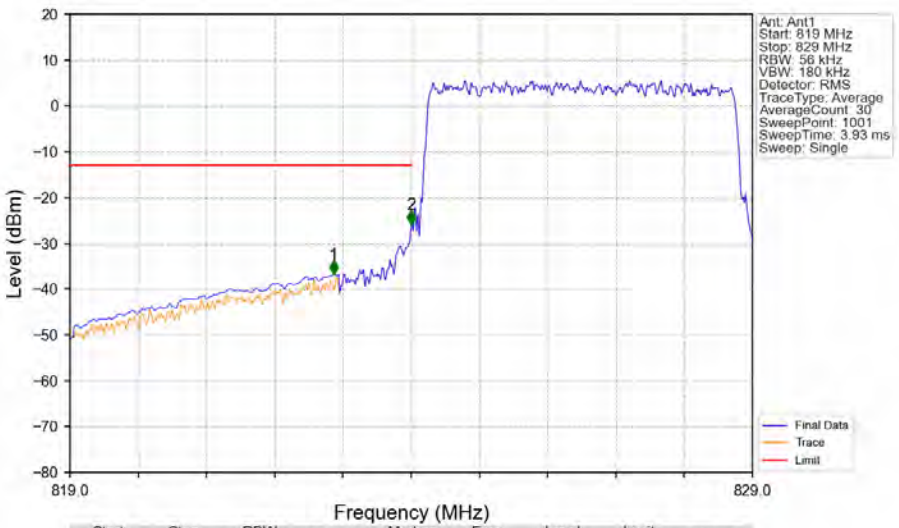


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.206	-44.39	-13	Pass
823	824	0.003	/	2	824.000	-33.11	-13	Pass
824	829	0.003	/	/	/	/	/	/

Band5_5MHz_16QAM_LCH_826.5MHz_RB_1_0_NTNV

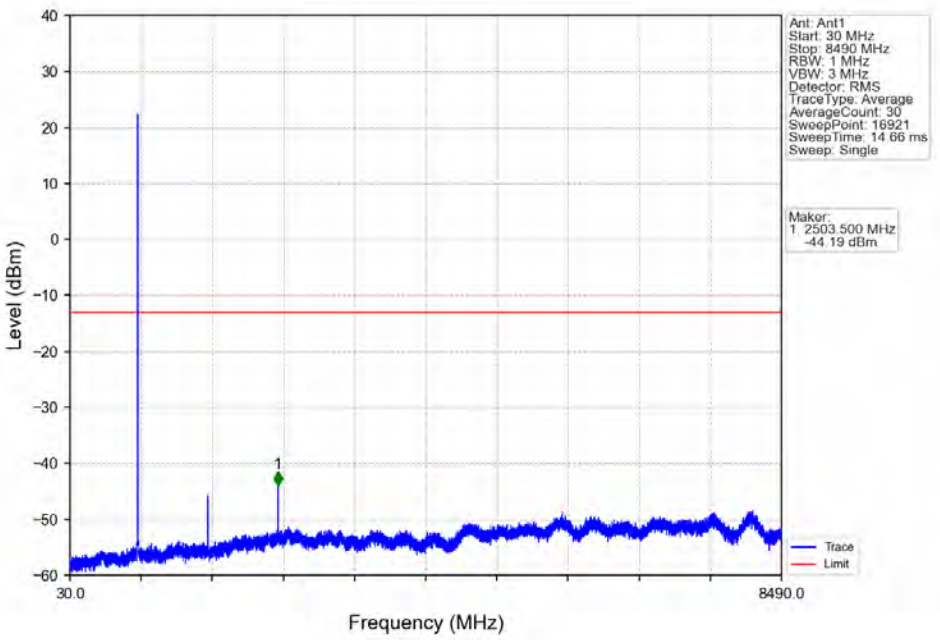


Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV

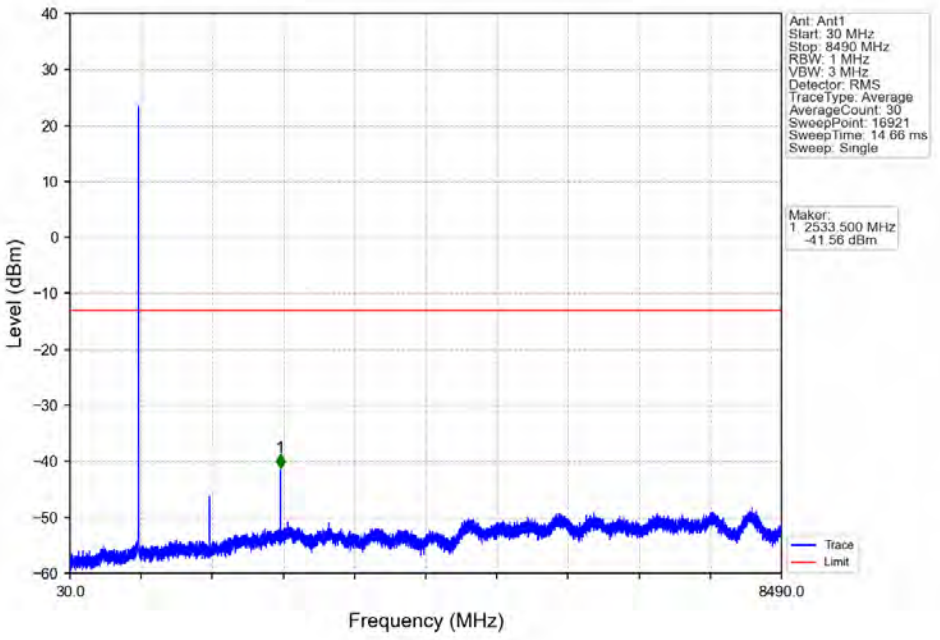


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.860	-36.74	-13	Pass
823	824	0.056	/	2	824.000	-25.87	-13	Pass
824	829	0.056	/	/	/	/	/	/

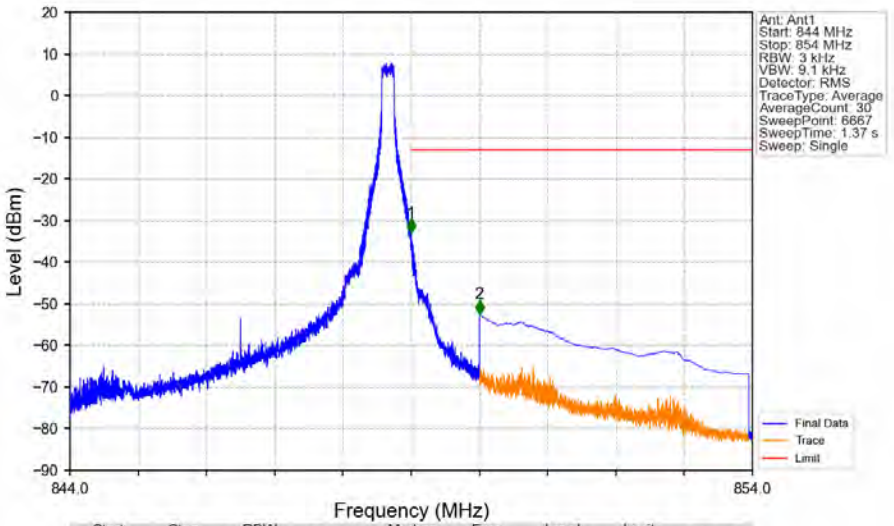
Band5_5MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



Band5_5MHz_16QAM_HCH_846.5MHz_RB_1_0_NTNV

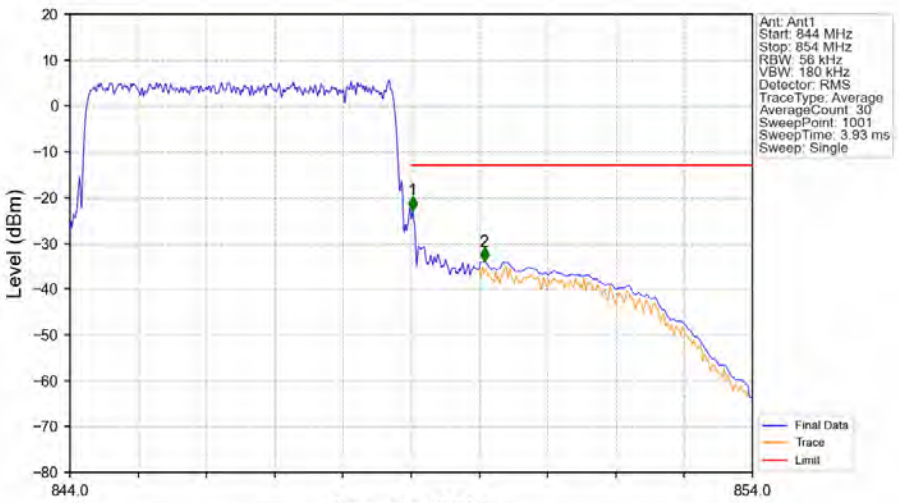


Band5_5MHz_16QAM_HCH_846.5MHz_RB_1_24_NTNV



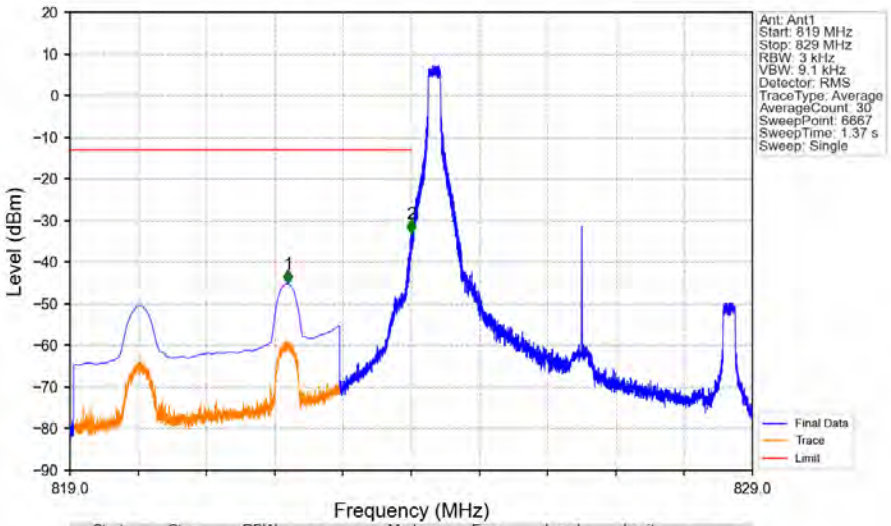
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.000	-33.00	-13	Pass
850	854	0.1	CHP	2	850.001	-52.48	-13	Pass

Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



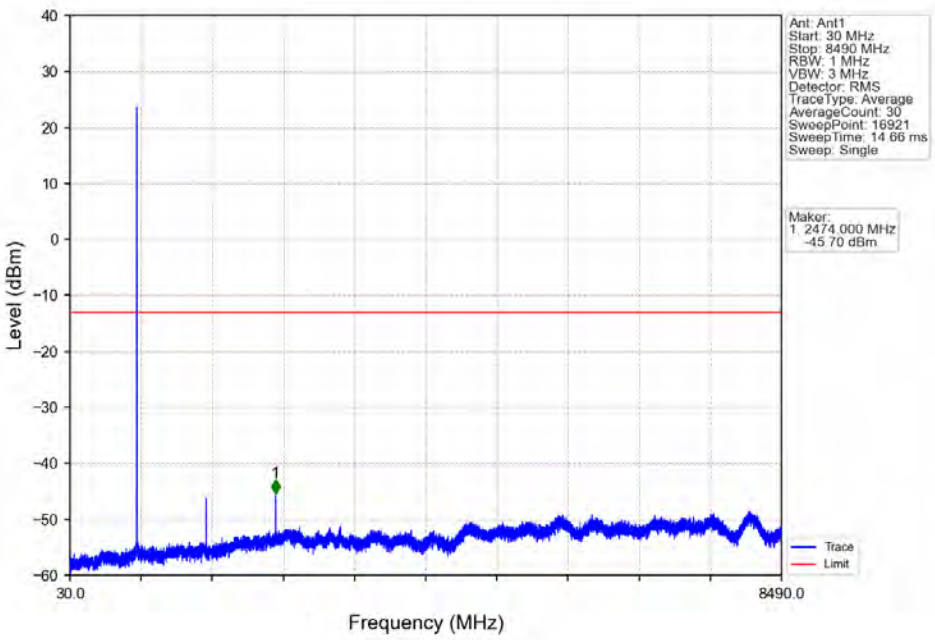
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.056	/	/	/	/	/	/
849	850	0.056	/	1	849.020	-22.78	-13	Pass
850	854	0.1	CHP	2	850.070	-33.95	-13	Pass

Band5_5MHz_64QAM_LCH_826.5MHz_RB_1_0_NTNV

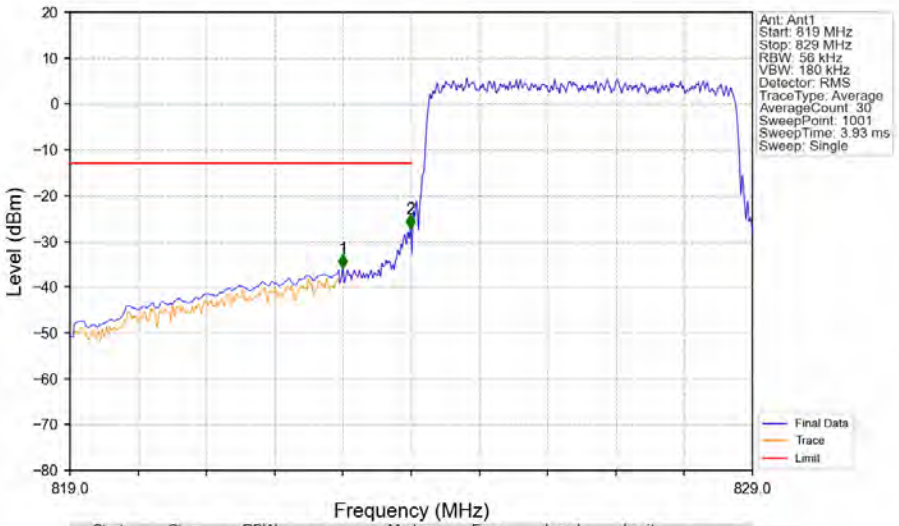


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.195	-45.22	-13	Pass
823	824	0.003	/	2	823.999	-33.22	-13	Pass
824	829	0.003	/	/	/	/	/	/

Band5_5MHz_64QAM_LCH_826.5MHz_RB_1_0_NTNV

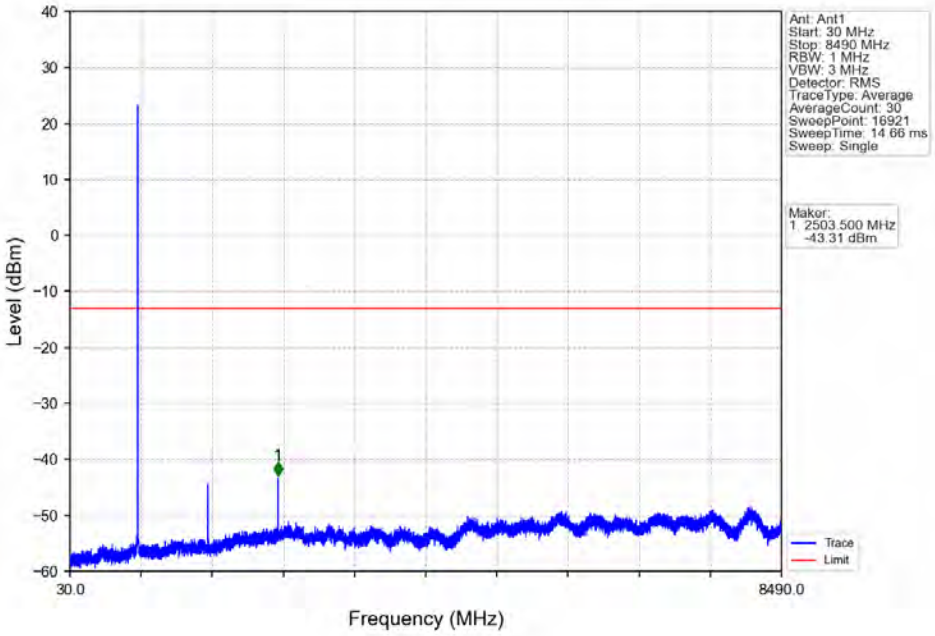


Band5_5MHz_64QAM_LCH_826.5MHz_RB_25_0_NTNV

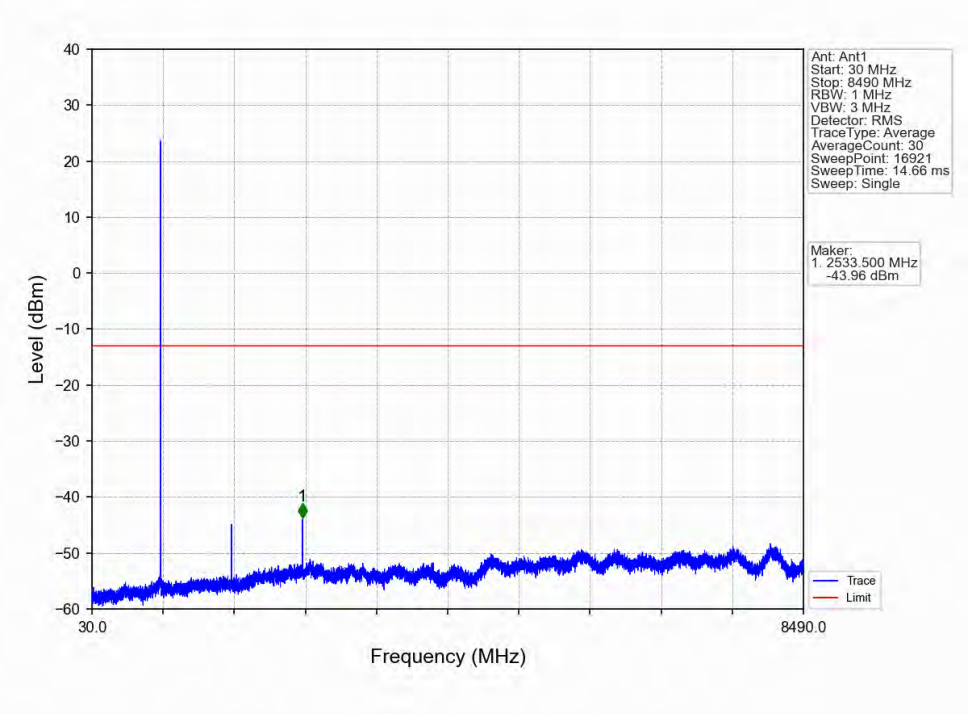


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	823.000	-35.89	-13	Pass
823	824	0.056	/	2	823.990	-27.31	-13	Pass
824	829	0.056	/	/	/	/	/	/

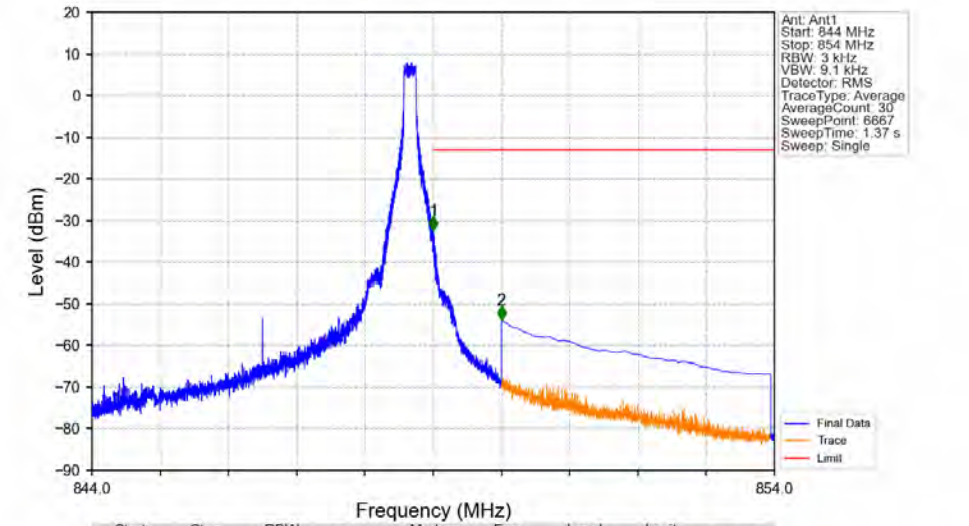
Band5_5MHz_64QAM_MCH_836.5MHz_RB_1_0_NTNV



Band5_5MHz_64QAM_HCH_846.5MHz_RB_1_0_NTNV

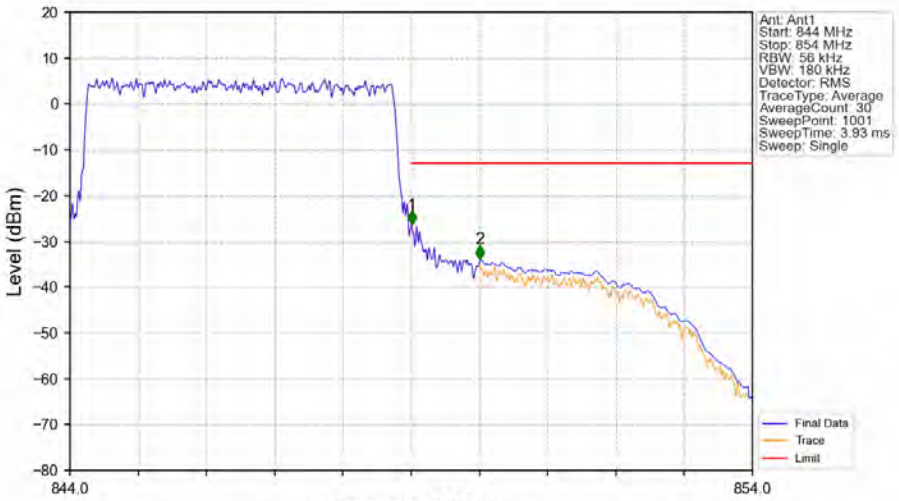


Band5_5MHz_64QAM_HCH_846.5MHz_RB_1_24_NTNV



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	849.001	-32.38	-13	Pass
850	854	0.1	CHP	2	850.001	-54.00	-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	0.056	/	/	/	/	/	/
849	850	0.056	/	1	849.010	-26.42	-13	Pass
850	854	0.1	CHP	2	850.010	-33.89	-13	Pass

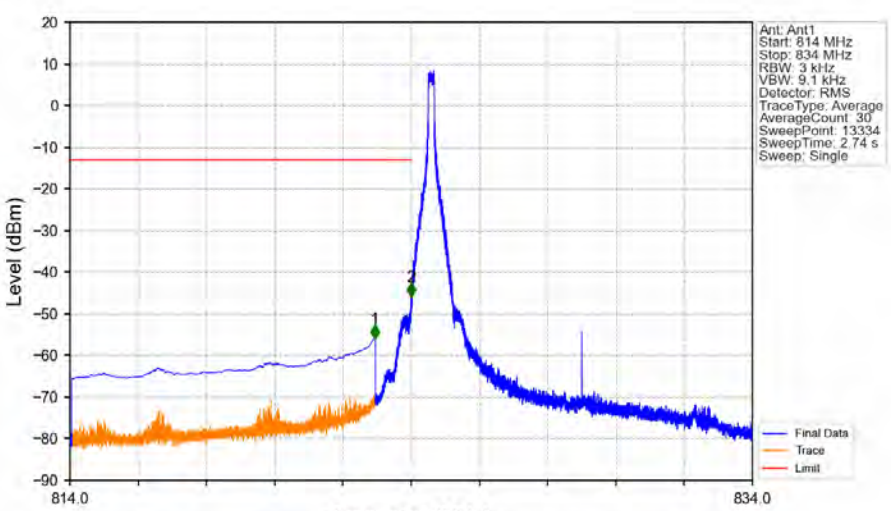
5.4 B5_10MHz

5.4.1 Test Result

Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	829	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	844	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	829	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	844	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
64QAM	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

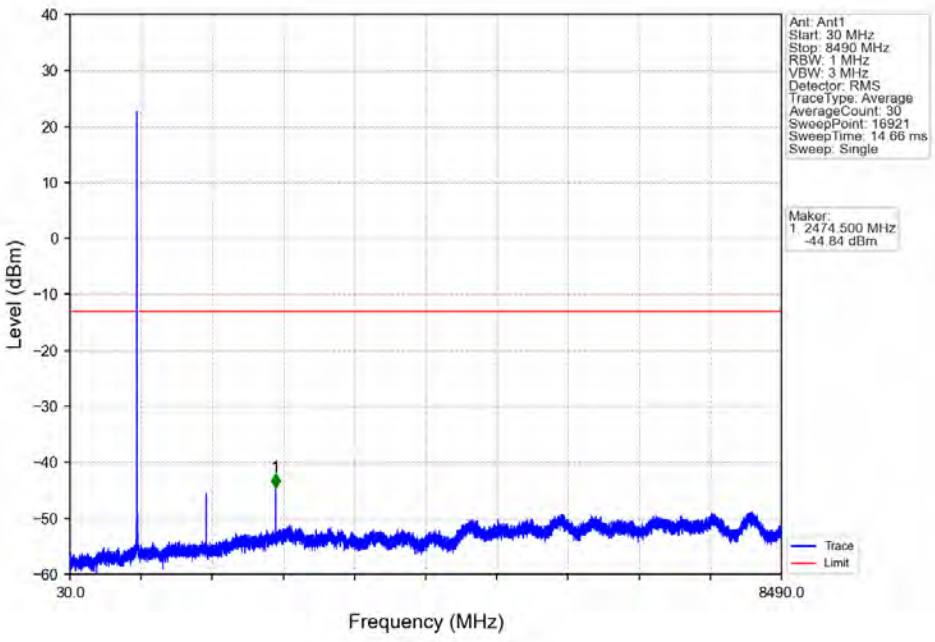
5.4.2 Test Graph

Band5_10MHz_QPSK_LCH_829MHz_RB_1_0_NTNV

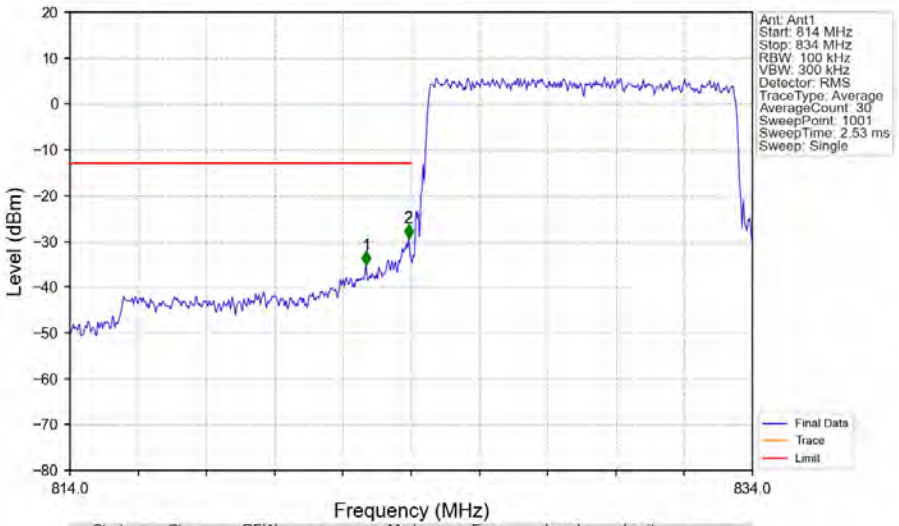


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	823	0.1	CHP	1	822.930	-55.99	-13	Pass
823	824	0.003	/	2	823.996	-45.99	-13	Pass
824	834	0.003	/	/	/	/	/	/

Band5_10MHz_QPSK_LCH_829MHz_RB_1_0_NTNV

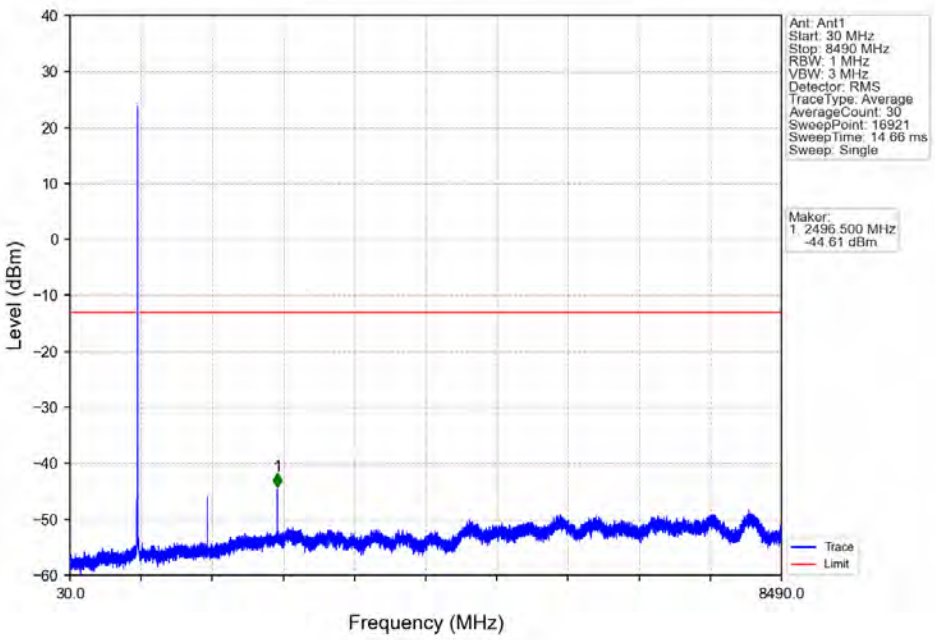


Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV

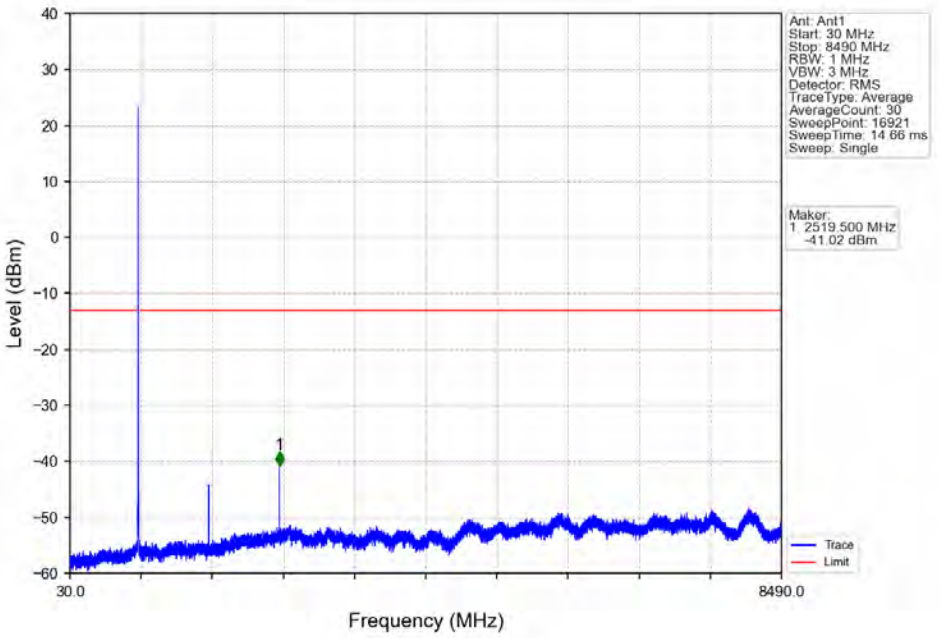


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	823	0.1	/	1	822.680	-35.19	-13	Pass
823	824	0.102	/	2	823.920	-29.32	-13	Pass
824	834	0.102	/	/	/	/	/	/

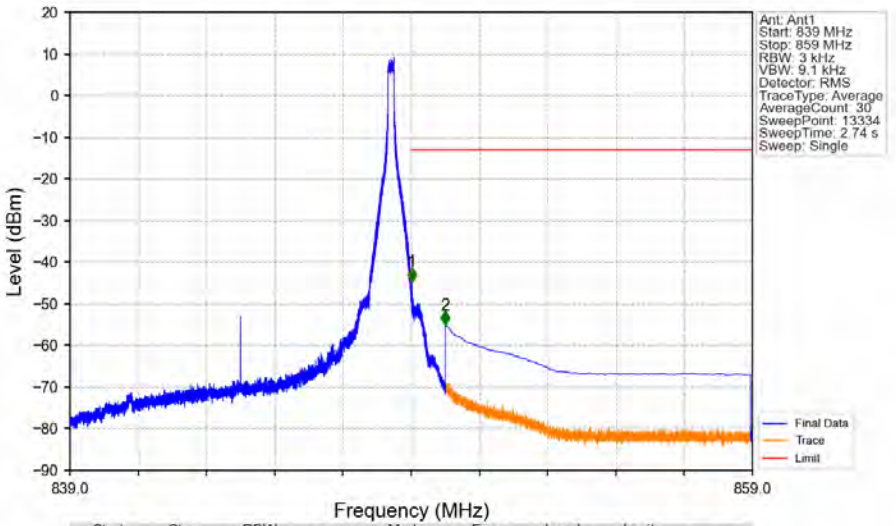
Band5_10MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5_10MHz_QPSK_HCH_844MHz_RB_1_0_NTNV

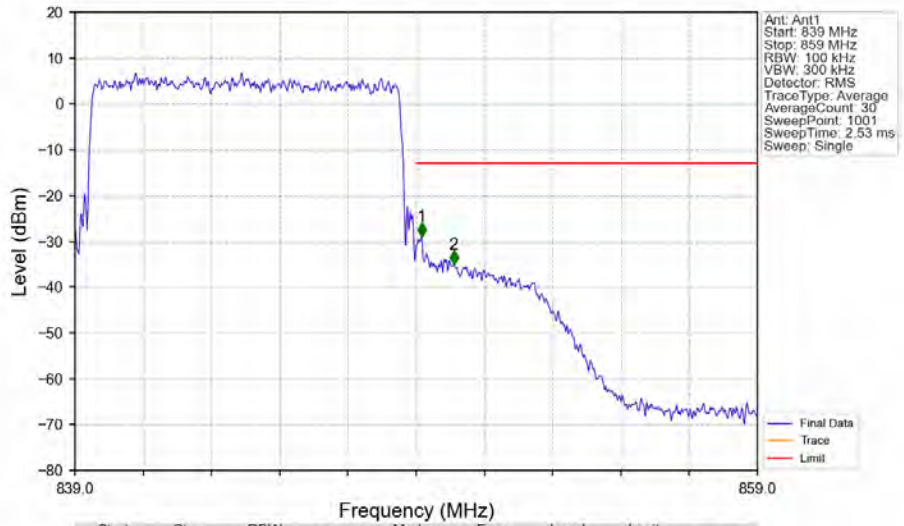


Band5_10MHz_QPSK_HCH_844MHz_RB_1_49_NTNV



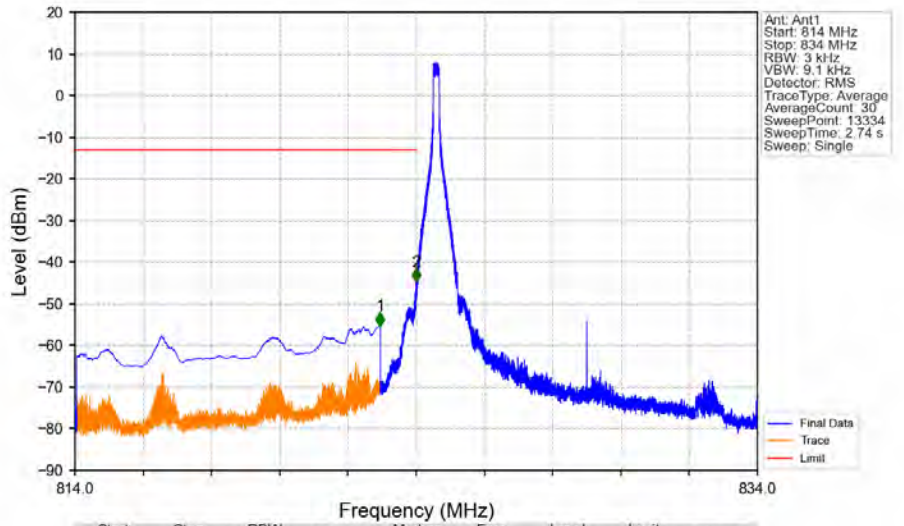
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
839	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.019	-44.72	-13	Pass
850	859	0.1	CHP	2	850.001	-55.12	-13	Pass

Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



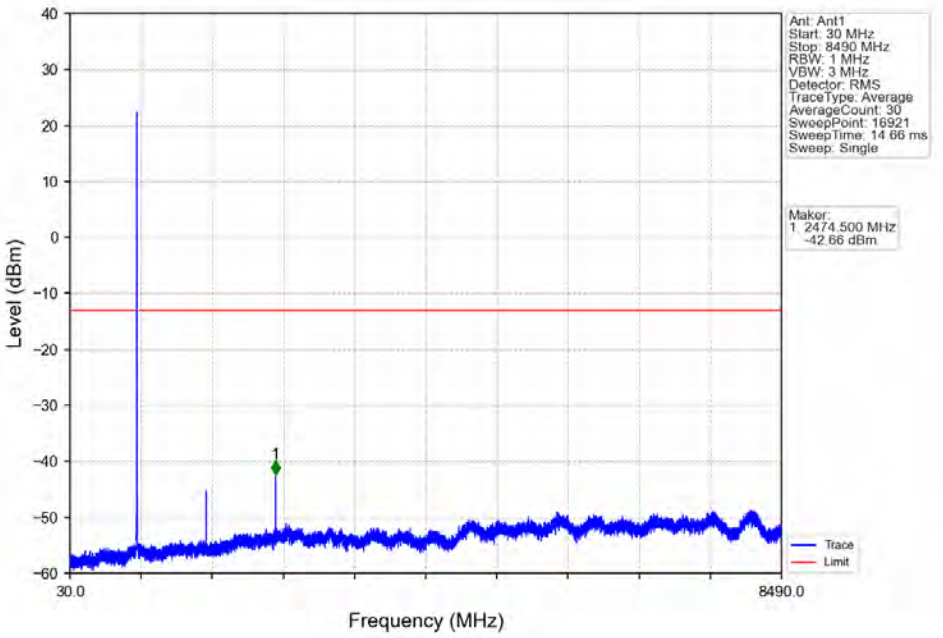
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
839	849	0.102	/	/	/	/	/	/
849	850	0.102	/	1	849.160	-28.95	-13	Pass
850	859	0.1	/	2	850.100	-35.10	-13	Pass

Band5_10MHz_16QAM_LCH_829MHz_RB_1_0_NTNV

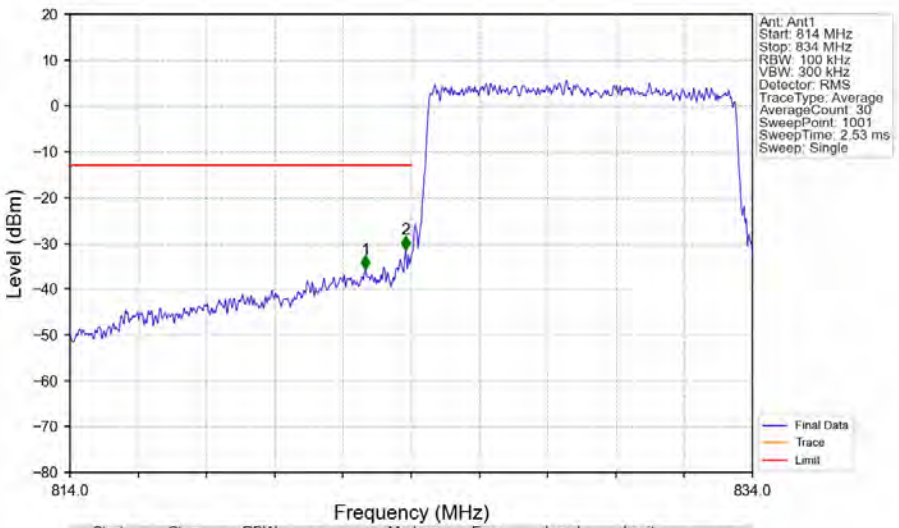


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	823	0.1	CHP	1	822.948	-55.40	-13	Pass
823	824	0.003	/	2	823.998	-44.80	-13	Pass
824	834	0.003	/	/	/	/	/	/

Band5_10MHz_16QAM_LCH_829MHz_RB_1_0_NTNV

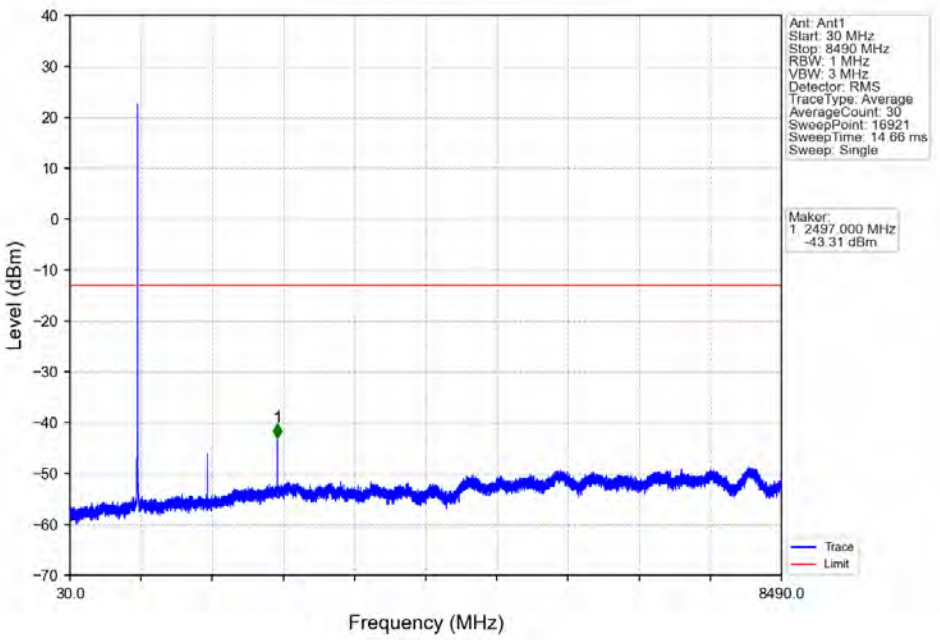


Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV

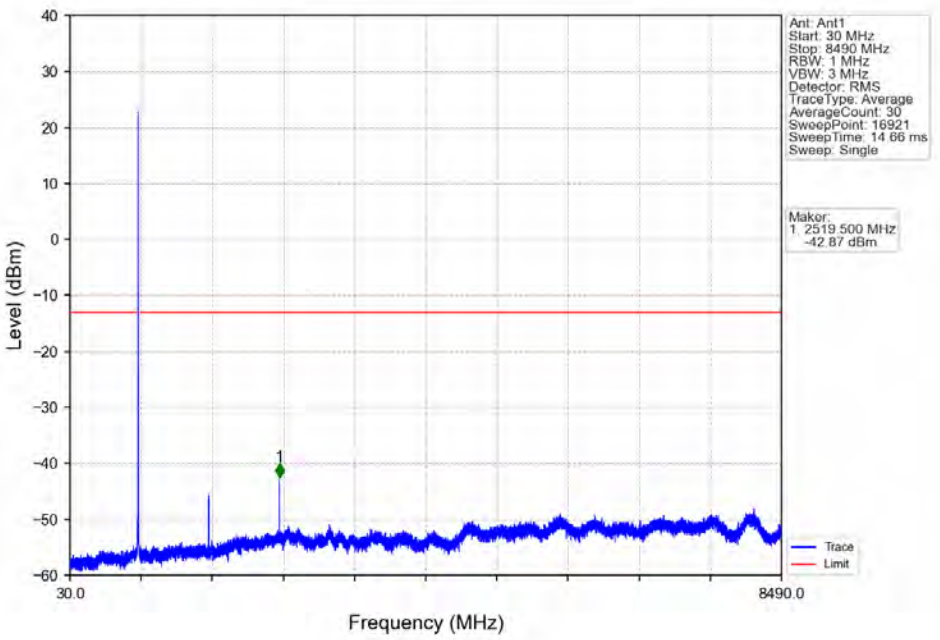


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	823	0.1	/	1	822.660	-35.70	-13	Pass
823	824	0.101	/	2	823.840	-31.41	-13	Pass
824	834	0.101	/	/	/	/	/	/

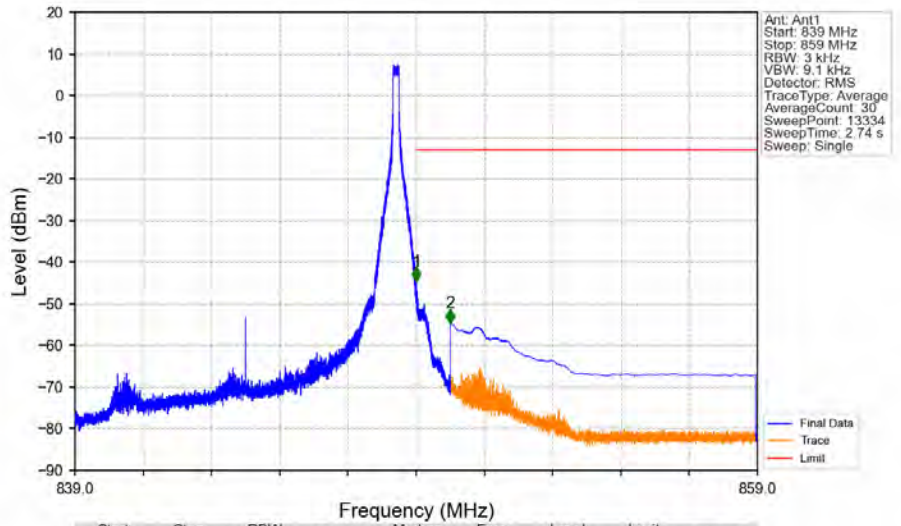
Band5_10MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_1_0_NTNV

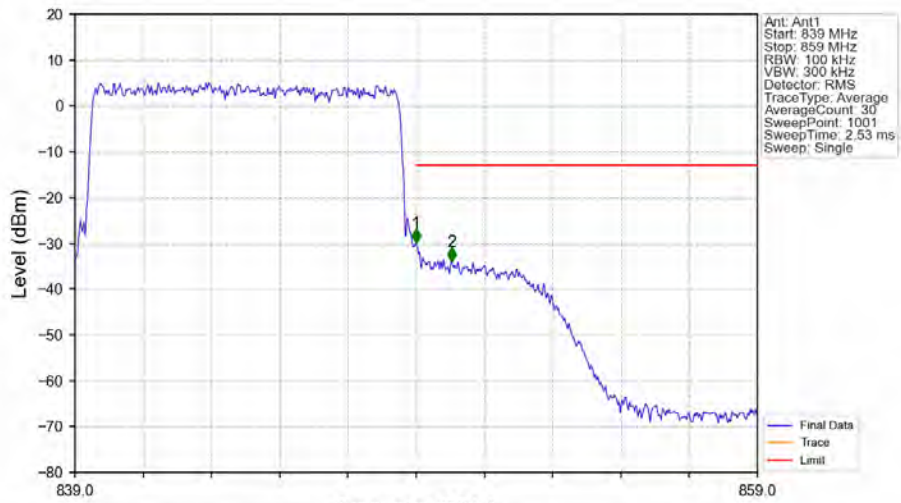


Band5_10MHz_16QAM_HCH_844MHz_RB_1_49_NTNV



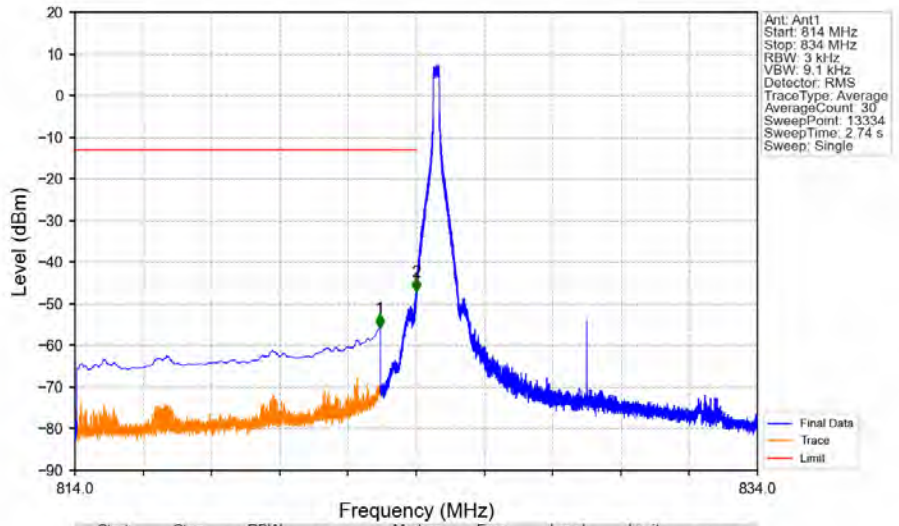
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
839	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.002	-44.59	-13	Pass
850	859	0.1	CHP	2	850.001	-54.62	-13	Pass

Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



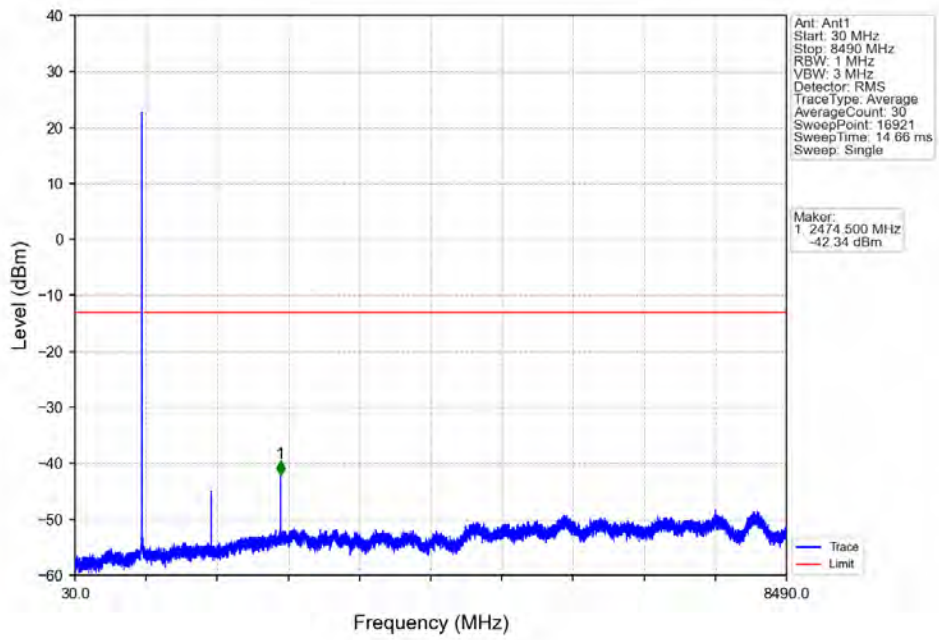
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
839	849	0.103	/	/	/	/	/	/
849	850	0.103	/	1	849.000	-29.94	-13	Pass
850	859	0.1	/	2	850.040	-33.99	-13	Pass

Band5_10MHz_64QAM_LCH_829MHz_RB_1_0_NTNV

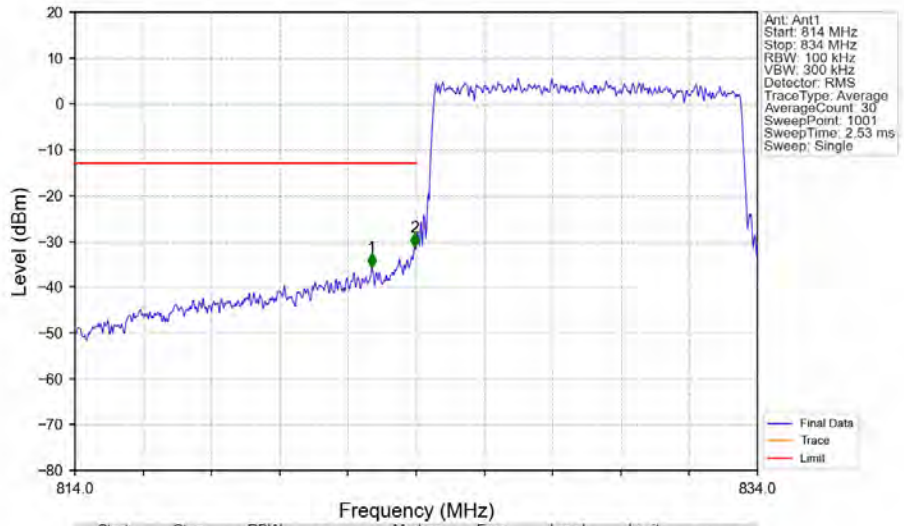


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	823	0.1	CHP	1	822.936	-55.93	-13	Pass
823	824	0.003	/	2	823.995	-47.09	-13	Pass
824	834	0.003	/	/	/	/	/	/

Band5_10MHz_64QAM_LCH_829MHz_RB_1_0_NTNV

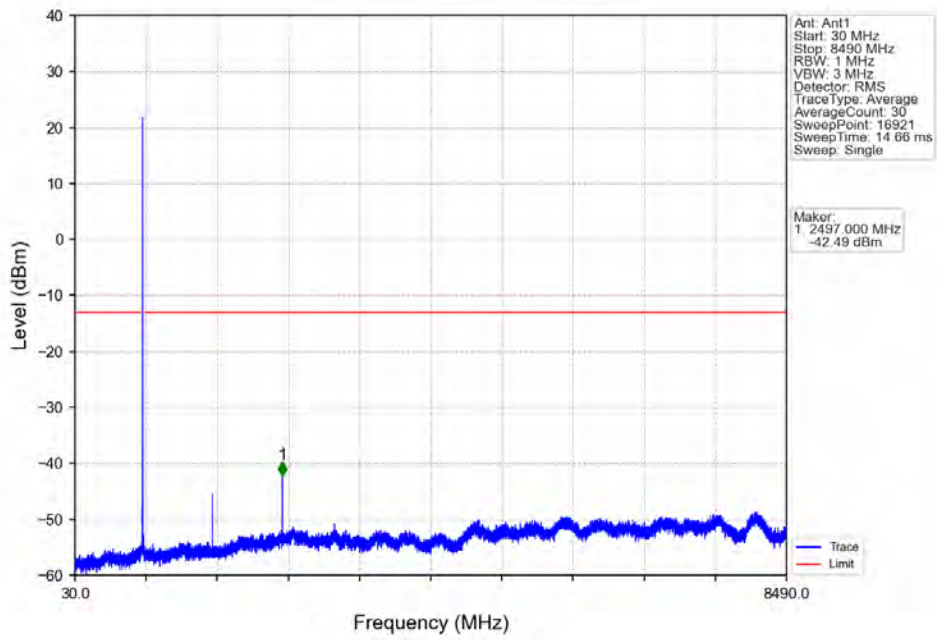


Band5_10MHz_64QAM_LCH_829MHz_RB_50_0_NTNV

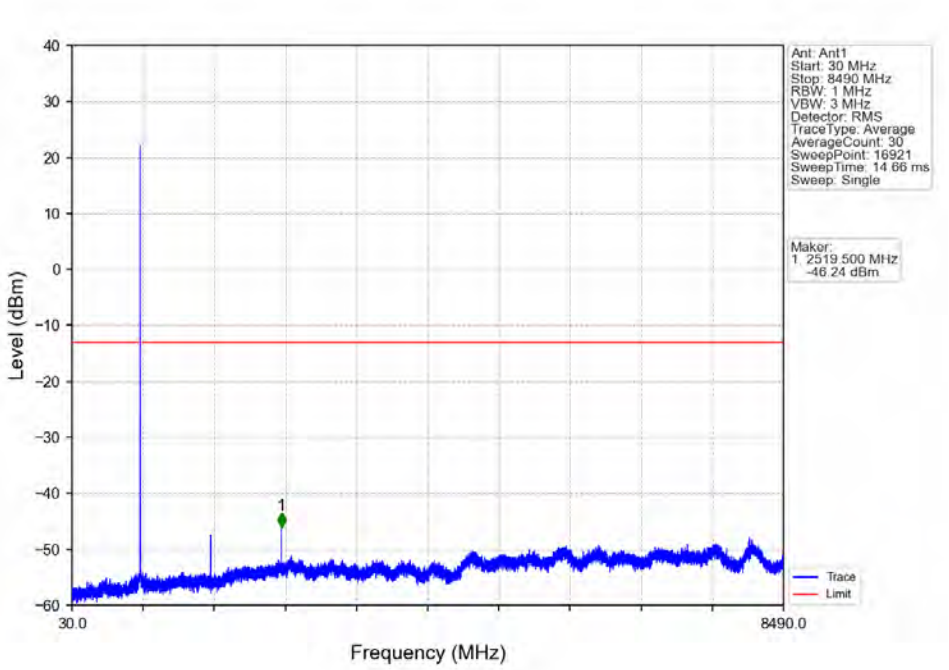


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	823	0.1	/	1	822.700	-35.69	-13	Pass
823	824	0.101	/	2	823.960	-31.32	-13	Pass
824	834	0.101	/	/	/	/	/	/

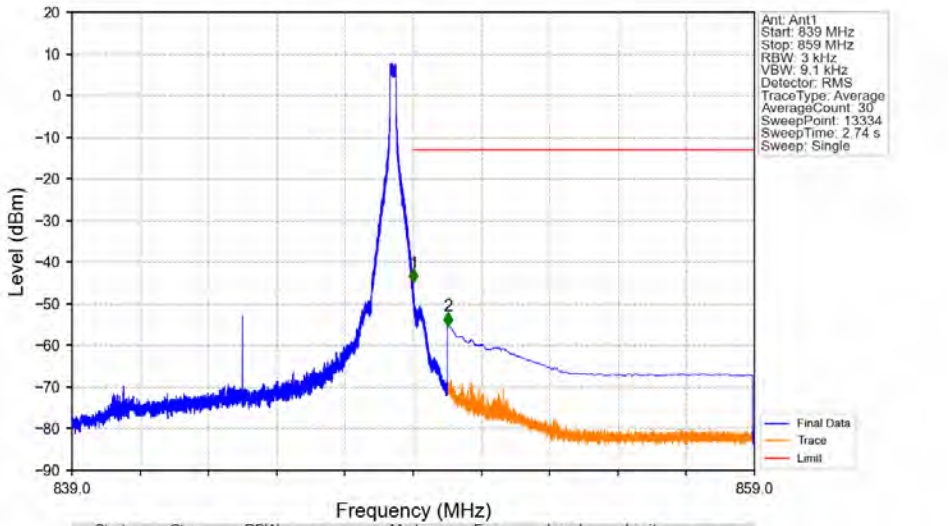
Band5_10MHz_64QAM_MCH_836.5MHz_RB_1_0_NTNV



Band5_10MHz_64QAM_HCH_844MHz_RB_1_0_NTNV

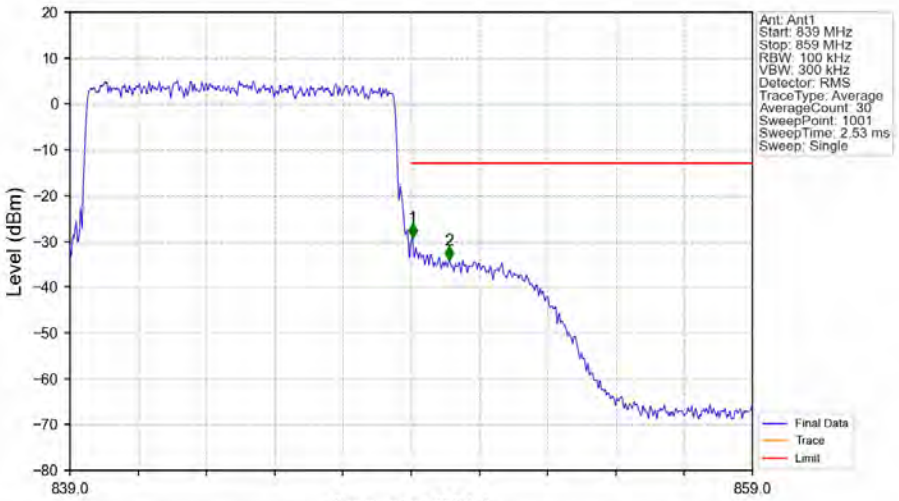


Band5_10MHz_64QAM_HCH_844MHz_RB_1_49_NTNV



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	849.004	-45.08	-13	Pass
850	859	0.1	CHP	2	850.022	-55.38	-13	Pass

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	0.102	/	/	/	/	/	/
849	850	0.102	/	1	849.040	-29.19	-13	Pass
850	859	0.1	/	2	850.120	-34.15	-13	Pass