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Appendix for LTE Band 5

Applicant: Howen Technologies Co., Ltd.

**Address: Room 2001 & 2004, Building 2A, Shenzhen International
Innovation Valley, Dashi 1st Road, Nanshan District, Shenzhen,
China**

Product Name: Mobile Digital Video Recorder

**Model: Hero-ME32-04, Hero-ME30-04, Hero-ME31-04, Hero-ME31-
08, Hero-ME31-12, Hero-ME31-16, Hero-ME32-06, Hero-ME32-08,
Hero-ME32-16, Hero-ME34-04, Hero-ME34-08**

FCC ID: 2AGBD-HERO-ME32-04

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1. Conducted Output Power

1.1 Test Result

1.1.1 B5_1.4MHz

Band: 5 / Bandwidth: 1.4MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Verdict
		Size	Offset		
QPSK	824.7	1	0	23.63	Pass
			2	23.83	Pass
			5	23.71	Pass
		3	0	24.00	Pass
			2	23.88	Pass
			3	23.75	Pass
		6	0	22.63	Pass
	836.5	1	0	24.11	Pass
			2	24.14	Pass
			5	23.92	Pass
		3	0	23.75	Pass
			2	23.78	Pass
			3	23.56	Pass
		6	0	22.45	Pass
	848.3	1	0	24.01	Pass
			2	23.89	Pass
			5	23.76	Pass
		3	0	23.60	Pass
			2	23.57	Pass
			3	23.48	Pass
16QAM	824.7	1	0	22.44	Pass
			2	22.91	Pass
			5	23.04	Pass
		3	0	22.78	Pass
			2	22.70	Pass
			3	22.55	Pass
	836.5	1	0	22.39	Pass
			2	22.38	Pass
			5	21.38	Pass
		3	0	22.65	Pass
			2	22.53	Pass
			5	22.46	Pass
	848.3	1	0	22.20	Pass
			2	22.20	Pass
			5	22.20	Pass
		3	0	22.34	Pass
			2	22.17	Pass
			3	22.17	Pass
	848.3	1	0	20.99	Pass
			2	22.45	Pass
			5	22.39	Pass
		3	0	22.19	Pass
			2	22.16	Pass
			3	22.24	Pass
	848.3	1	0	22.13	Pass
			2	22.13	Pass
			5	22.13	Pass
		3	0	20.97	Pass
			2	20.97	Pass
			3	20.97	Pass

1.1.2 B5_3MHz

Band: 5 / Bandwidth: 3MHz / NTNV				
Modulation	Frequency	RB Allocation	Conducted Power	Verdict

	(MHz)	Size	Offset	(dBm)	
QPSK	825.5	1	0	23.70	Pass
			7	24.13	Pass
			14	23.70	Pass
		8	0	22.71	Pass
			4	22.62	Pass
			7	22.54	Pass
		15	0	22.44	Pass
	836.5	1	0	23.19	Pass
			7	23.50	Pass
			14	23.17	Pass
		8	0	22.13	Pass
			4	22.04	Pass
			7	22.00	Pass
		15	0	21.98	Pass
	847.5	1	0	22.88	Pass
			7	22.83	Pass
			14	22.75	Pass
		8	0	21.78	Pass
			4	21.86	Pass
			7	21.87	Pass
		15	0	21.79	Pass
16QAM	825.5	1	0	23.03	Pass
			7	23.18	Pass
			14	22.54	Pass
		8	0	21.46	Pass
			4	21.43	Pass
			7	21.46	Pass
		15	0	21.12	Pass
	836.5	1	0	22.88	Pass
			7	22.20	Pass
			14	22.10	Pass
		8	0	20.86	Pass
			4	21.09	Pass
			7	21.04	Pass
		15	0	20.93	Pass
	847.5	1	0	21.76	Pass
			7	21.91	Pass
			14	21.73	Pass
		8	0	20.66	Pass
			4	21.04	Pass
			7	21.08	Pass
		15	0	20.69	Pass

1.1.3 B5_5MHz

Band: 5 / Bandwidth: 5MHz / NTV					
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Verdict
		Size	Offset		
QPSK	826.5	1	0	23.05	Pass
			13	23.05	Pass
			24	22.74	Pass
		12	0	21.94	Pass
			6	21.83	Pass
			13	21.79	Pass
		25	0	21.87	Pass
	836.5	1	0	22.73	Pass

			13	22.94	Pass
			24	22.79	Pass
		12	0	21.87	Pass
			6	21.94	Pass
			13	21.88	Pass
		25	0	21.84	Pass
	846.5	1	0	22.70	Pass
			13	22.86	Pass
			24	22.90	Pass
		12	0	21.81	Pass
			6	21.91	Pass
			13	21.87	Pass
		25	0	21.77	Pass
16QAM	826.5	1	0	21.52	Pass
			13	21.51	Pass
			24	21.70	Pass
		12	0	20.73	Pass
			6	20.84	Pass
			13	20.83	Pass
		25	0	20.74	Pass
	836.5	1	0	22.00	Pass
			13	22.46	Pass
			24	22.13	Pass
		12	0	20.86	Pass
			6	20.91	Pass
			13	20.71	Pass
		25	0	20.90	Pass
	846.5	1	0	21.56	Pass
			13	21.33	Pass
			24	21.07	Pass
		12	0	20.80	Pass
			6	20.81	Pass
			13	20.86	Pass
		25	0	20.81	Pass

1.1.4 B5_10MHz

Band: 5 / Bandwidth: 10MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Verdict
		Size	Offset		
QPSK	829	1	0	22.87	Pass
			25	23.19	Pass
			49	22.80	Pass
		25	0	21.81	Pass
			13	21.88	Pass
			25	21.85	Pass
		50	0	21.86	Pass
	836.5	1	0	23.00	Pass
			25	23.41	Pass
			49	23.93	Pass
		25	0	22.80	Pass
			13	22.80	Pass
			25	22.61	Pass
		50	0	22.63	Pass
	844	1	0	23.14	Pass
			25	23.69	Pass
			49	22.90	Pass

16QAM	829	25	0	21.89	Pass
			13	22.03	Pass
			25	21.95	Pass
		50	0	21.83	Pass
			0	21.76	Pass
			25	21.66	Pass
	836.5	1	49	21.46	Pass
			0	20.88	Pass
			13	21.05	Pass
		25	25	21.16	Pass
			0	20.90	Pass
			0	22.25	Pass
		1	25	22.14	Pass
			49	21.92	Pass
			0	21.54	Pass
16QAM	844	25	13	21.58	Pass
			25	21.35	Pass
			0	21.23	Pass
		50	0	22.31	Pass
			25	22.33	Pass
			49	22.28	Pass
		1	0	21.03	Pass
			13	21.25	Pass
			25	21.09	Pass
		25	0	20.88	Pass

2. Frequency Stability

2.1 Test Result

2.1.1 B5_1.4MHz

Band: 5 / Bandwidth: 1.4MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	824.7	6	0	24	9.0	-1.802	-0.0022	-2.5 to 2.5	Pass
					12.0	-1.602	-0.0019	-2.5 to 2.5	Pass
					36.0	-2.146	-0.0026	-2.5 to 2.5	Pass
				-20	12.0	-1.559	-0.0019	-2.5 to 2.5	Pass
					12.0	-1.616	-0.0020	-2.5 to 2.5	Pass
					12.0	-1.688	-0.0020	-2.5 to 2.5	Pass
				10	12.0	-0.944	-0.0011	-2.5 to 2.5	Pass
					12.0	-1.531	-0.0019	-2.5 to 2.5	Pass
					12.0	-1.330	-0.0016	-2.5 to 2.5	Pass
				50	12.0	-1.831	-0.0022	-2.5 to 2.5	Pass
					12.0	-1.030	-0.0012	-2.5 to 2.5	Pass
					12.0	-2.131	-0.0026	-2.5 to 2.5	Pass
	836.5	6	0	24	9.0	-0.057	-0.0001	-2.5 to 2.5	Pass
					12.0	-0.515	-0.0006	-2.5 to 2.5	Pass
					36.0	-0.701	-0.0008	-2.5 to 2.5	Pass
				-20	12.0	-0.615	-0.0007	-2.5 to 2.5	Pass
					12.0	-1.116	-0.0013	-2.5 to 2.5	Pass
					12.0	-0.143	-0.0002	-2.5 to 2.5	Pass
				10	12.0	0.129	0.0002	-2.5 to 2.5	Pass
					12.0	-0.043	-0.0001	-2.5 to 2.5	Pass
					12.0	-0.515	-0.0006	-2.5 to 2.5	Pass

	848.3	6	0	50	12.0	0.157	0.0002	-2.5 to 2.5	Pass
				60	12.0	-0.916	-0.0011	-2.5 to 2.5	Pass
				70	12.0	-0.529	-0.0006	-2.5 to 2.5	Pass
				24	9.0	-0.758	-0.0009	-2.5 to 2.5	Pass
					12.0	0.072	0.0001	-2.5 to 2.5	Pass
					36.0	-0.358	-0.0004	-2.5 to 2.5	Pass
				-20	12.0	-0.100	-0.0001	-2.5 to 2.5	Pass
				-10	12.0	0.072	0.0001	-2.5 to 2.5	Pass
				0	12.0	-0.815	-0.0010	-2.5 to 2.5	Pass
				10	12.0	0.315	0.0004	-2.5 to 2.5	Pass
				30	12.0	-0.057	-0.0001	-2.5 to 2.5	Pass
				40	12.0	0.100	0.0001	-2.5 to 2.5	Pass
				50	12.0	0.358	0.0004	-2.5 to 2.5	Pass
				60	12.0	-0.401	-0.0005	-2.5 to 2.5	Pass
				70	12.0	0.744	0.0009	-2.5 to 2.5	Pass
16QAM	824.7	6	0	24	9.0	-1.531	-0.0019	-2.5 to 2.5	Pass
					12.0	-1.030	-0.0012	-2.5 to 2.5	Pass
					36.0	-1.230	-0.0015	-2.5 to 2.5	Pass
				-20	12.0	-1.030	-0.0012	-2.5 to 2.5	Pass
				-10	12.0	-1.130	-0.0014	-2.5 to 2.5	Pass
				0	12.0	-2.503	-0.0030	-2.5 to 2.5	Pass
				10	12.0	-1.717	-0.0021	-2.5 to 2.5	Pass
				30	12.0	-1.388	-0.0017	-2.5 to 2.5	Pass
				40	12.0	-2.117	-0.0026	-2.5 to 2.5	Pass
				50	12.0	-0.858	-0.0010	-2.5 to 2.5	Pass
	836.5	6	0	60	12.0	-1.774	-0.0022	-2.5 to 2.5	Pass
				70	12.0	-1.144	-0.0014	-2.5 to 2.5	Pass
				24	9.0	-0.601	-0.0007	-2.5 to 2.5	Pass
					12.0	-0.043	-0.0001	-2.5 to 2.5	Pass
					36.0	-1.431	-0.0017	-2.5 to 2.5	Pass
				-20	12.0	-0.515	-0.0006	-2.5 to 2.5	Pass
				-10	12.0	0.272	0.0003	-2.5 to 2.5	Pass
				0	12.0	-0.143	-0.0002	-2.5 to 2.5	Pass
				10	12.0	-0.215	-0.0003	-2.5 to 2.5	Pass
				30	12.0	1.287	0.0015	-2.5 to 2.5	Pass
	848.3	6	0	40	12.0	-1.073	-0.0013	-2.5 to 2.5	Pass
				50	12.0	-0.029	0.0000	-2.5 to 2.5	Pass
				60	12.0	-0.086	-0.0001	-2.5 to 2.5	Pass
				70	12.0	0.658	0.0008	-2.5 to 2.5	Pass
				24	9.0	-0.315	-0.0004	-2.5 to 2.5	Pass
					12.0	-1.187	-0.0014	-2.5 to 2.5	Pass
					36.0	-0.601	-0.0007	-2.5 to 2.5	Pass
				-20	12.0	0.186	0.0002	-2.5 to 2.5	Pass
				-10	12.0	0.029	0.0000	-2.5 to 2.5	Pass
				0	12.0	-1.330	-0.0016	-2.5 to 2.5	Pass
				10	12.0	-0.801	-0.0009	-2.5 to 2.5	Pass
				30	12.0	-0.286	-0.0003	-2.5 to 2.5	Pass
				40	12.0	-0.515	-0.0006	-2.5 to 2.5	Pass
				50	12.0	-0.858	-0.0010	-2.5 to 2.5	Pass
				60	12.0	-1.159	-0.0014	-2.5 to 2.5	Pass
				70	12.0	-0.687	-0.0008	-2.5 to 2.5	Pass

2.1.2 B5_3MHz

Band: 5 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	

QPSK	825.5	15	0	24	9.0	-1.116	-0.0014	-2.5 to 2.5	Pass
					12.0	-0.300	-0.0004	-2.5 to 2.5	Pass
					36.0	-0.873	-0.0011	-2.5 to 2.5	Pass
				-20	12.0	0.544	0.0007	-2.5 to 2.5	Pass
				-10	12.0	-0.572	-0.0007	-2.5 to 2.5	Pass
				0	12.0	-2.031	-0.0025	-2.5 to 2.5	Pass
				10	12.0	-0.758	-0.0009	-2.5 to 2.5	Pass
				30	12.0	-1.602	-0.0019	-2.5 to 2.5	Pass
				40	12.0	0.329	0.0004	-2.5 to 2.5	Pass
				50	12.0	-0.143	-0.0002	-2.5 to 2.5	Pass
				60	12.0	-0.758	-0.0009	-2.5 to 2.5	Pass
				70	12.0	0.086	0.0001	-2.5 to 2.5	Pass
	836.5	15	0	24	9.0	-0.286	-0.0003	-2.5 to 2.5	Pass
					12.0	-1.001	-0.0012	-2.5 to 2.5	Pass
					36.0	-0.944	-0.0011	-2.5 to 2.5	Pass
				-20	12.0	-0.429	-0.0005	-2.5 to 2.5	Pass
				-10	12.0	-1.159	-0.0014	-2.5 to 2.5	Pass
				0	12.0	-0.272	-0.0003	-2.5 to 2.5	Pass
				10	12.0	-1.001	-0.0012	-2.5 to 2.5	Pass
				30	12.0	-1.202	-0.0014	-2.5 to 2.5	Pass
				40	12.0	-1.245	-0.0015	-2.5 to 2.5	Pass
				50	12.0	-1.502	-0.0018	-2.5 to 2.5	Pass
				60	12.0	-1.416	-0.0017	-2.5 to 2.5	Pass
				70	12.0	-0.186	-0.0002	-2.5 to 2.5	Pass
	847.5	15	0	24	9.0	-2.017	-0.0024	-2.5 to 2.5	Pass
					12.0	-1.845	-0.0022	-2.5 to 2.5	Pass
					36.0	-1.416	-0.0017	-2.5 to 2.5	Pass
				-20	12.0	-1.202	-0.0014	-2.5 to 2.5	Pass
				-10	12.0	-1.831	-0.0022	-2.5 to 2.5	Pass
				0	12.0	-1.616	-0.0019	-2.5 to 2.5	Pass
				10	12.0	-1.531	-0.0018	-2.5 to 2.5	Pass
				30	12.0	-2.646	-0.0031	-2.5 to 2.5	Pass
				40	12.0	-2.060	-0.0024	-2.5 to 2.5	Pass
				50	12.0	-2.646	-0.0031	-2.5 to 2.5	Pass
16QAM	825.5	15	0	24	9.0	-0.329	-0.0004	-2.5 to 2.5	Pass
					12.0	-1.044	-0.0013	-2.5 to 2.5	Pass
					36.0	-1.216	-0.0015	-2.5 to 2.5	Pass
				-20	12.0	-0.458	-0.0006	-2.5 to 2.5	Pass
				-10	12.0	-0.458	-0.0006	-2.5 to 2.5	Pass
				0	12.0	-0.715	-0.0009	-2.5 to 2.5	Pass
				10	12.0	-0.100	-0.0001	-2.5 to 2.5	Pass
				30	12.0	-0.944	-0.0011	-2.5 to 2.5	Pass
				40	12.0	-0.901	-0.0011	-2.5 to 2.5	Pass
				50	12.0	-0.772	-0.0009	-2.5 to 2.5	Pass
	836.5	15	0	24	9.0	-1.116	-0.0013	-2.5 to 2.5	Pass
					12.0	-1.173	-0.0014	-2.5 to 2.5	Pass
					36.0	-0.272	-0.0003	-2.5 to 2.5	Pass
				-20	12.0	-1.473	-0.0018	-2.5 to 2.5	Pass
				-10	12.0	-0.114	-0.0001	-2.5 to 2.5	Pass
				0	12.0	-1.330	-0.0016	-2.5 to 2.5	Pass
				10	12.0	-1.702	-0.0020	-2.5 to 2.5	Pass
				30	12.0	-1.531	-0.0018	-2.5 to 2.5	Pass
				40	12.0	-1.044	-0.0012	-2.5 to 2.5	Pass
				50	12.0	-1.016	-0.0012	-2.5 to 2.5	Pass
				60	12.0	-0.529	-0.0006	-2.5 to 2.5	Pass

	847.5	15	0	70	12.0	-1.488	-0.0018	-2.5 to 2.5	Pass
				24	9.0	-2.246	-0.0027	-2.5 to 2.5	Pass
					12.0	-1.860	-0.0022	-2.5 to 2.5	Pass
					36.0	-1.631	-0.0019	-2.5 to 2.5	Pass
				-20	12.0	-2.289	-0.0027	-2.5 to 2.5	Pass
				-10	12.0	-2.990	-0.0035	-2.5 to 2.5	Pass
				0	12.0	-3.476	-0.0041	-2.5 to 2.5	Pass
				10	12.0	-2.632	-0.0031	-2.5 to 2.5	Pass
				30	12.0	-1.545	-0.0018	-2.5 to 2.5	Pass
				40	12.0	-1.888	-0.0022	-2.5 to 2.5	Pass
				50	12.0	-1.545	-0.0018	-2.5 to 2.5	Pass
				60	12.0	-1.273	-0.0015	-2.5 to 2.5	Pass
				70	12.0	-1.945	-0.0023	-2.5 to 2.5	Pass

2.1.3 B5_5MHz

Band: 5 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	826.5	25	0	24	9.0	-2.217	-0.0027	-2.5 to 2.5	Pass
					12.0	-1.502	-0.0018	-2.5 to 2.5	Pass
					36.0	-1.731	-0.0021	-2.5 to 2.5	Pass
				-20	12.0	-2.160	-0.0026	-2.5 to 2.5	Pass
				-10	12.0	-1.802	-0.0022	-2.5 to 2.5	Pass
				0	12.0	-2.289	-0.0028	-2.5 to 2.5	Pass
				10	12.0	-2.146	-0.0026	-2.5 to 2.5	Pass
				30	12.0	-2.575	-0.0031	-2.5 to 2.5	Pass
				40	12.0	-2.174	-0.0026	-2.5 to 2.5	Pass
				50	12.0	-2.360	-0.0029	-2.5 to 2.5	Pass
				60	12.0	-1.874	-0.0023	-2.5 to 2.5	Pass
				70	12.0	-2.432	-0.0029	-2.5 to 2.5	Pass
	836.5	25	0	24	9.0	-1.273	-0.0015	-2.5 to 2.5	Pass
					12.0	-1.059	-0.0013	-2.5 to 2.5	Pass
					36.0	-0.243	-0.0003	-2.5 to 2.5	Pass
				-20	12.0	-0.887	-0.0011	-2.5 to 2.5	Pass
				-10	12.0	-0.715	-0.0009	-2.5 to 2.5	Pass
				0	12.0	-0.515	-0.0006	-2.5 to 2.5	Pass
				10	12.0	-0.916	-0.0011	-2.5 to 2.5	Pass
				30	12.0	-0.515	-0.0006	-2.5 to 2.5	Pass
				40	12.0	-0.186	-0.0002	-2.5 to 2.5	Pass
				50	12.0	-0.858	-0.0010	-2.5 to 2.5	Pass
				60	12.0	-1.431	-0.0017	-2.5 to 2.5	Pass
				70	12.0	-1.574	-0.0019	-2.5 to 2.5	Pass
	846.5	25	0	24	9.0	0.215	0.0003	-2.5 to 2.5	Pass
					12.0	-0.815	-0.0010	-2.5 to 2.5	Pass
					36.0	-0.329	-0.0004	-2.5 to 2.5	Pass
				-20	12.0	-0.043	-0.0001	-2.5 to 2.5	Pass
				-10	12.0	-0.844	-0.0010	-2.5 to 2.5	Pass
				0	12.0	-0.029	0.0000	-2.5 to 2.5	Pass
				10	12.0	0.157	0.0002	-2.5 to 2.5	Pass
				30	12.0	0.072	0.0001	-2.5 to 2.5	Pass
				40	12.0	0.515	0.0006	-2.5 to 2.5	Pass
				50	12.0	-0.329	-0.0004	-2.5 to 2.5	Pass
				60	12.0	0.272	0.0003	-2.5 to 2.5	Pass
				70	12.0	-0.730	-0.0009	-2.5 to 2.5	Pass
16QAM	826.5	25	0	24	9.0	-1.831	-0.0022	-2.5 to 2.5	Pass
					12.0	-2.217	-0.0027	-2.5 to 2.5	Pass

					36.0	-1.988	-0.0024	-2.5 to 2.5	Pass
				-20	12.0	-1.988	-0.0024	-2.5 to 2.5	Pass
				-10	12.0	-2.604	-0.0032	-2.5 to 2.5	Pass
				0	12.0	-2.675	-0.0032	-2.5 to 2.5	Pass
				10	12.0	-1.531	-0.0019	-2.5 to 2.5	Pass
				30	12.0	-2.232	-0.0027	-2.5 to 2.5	Pass
				40	12.0	-2.203	-0.0027	-2.5 to 2.5	Pass
				50	12.0	-1.874	-0.0023	-2.5 to 2.5	Pass
				60	12.0	-2.031	-0.0025	-2.5 to 2.5	Pass
				70	12.0	-1.445	-0.0017	-2.5 to 2.5	Pass
	836.5	25	0	24	9.0	0.243	0.0003	-2.5 to 2.5	Pass
					12.0	-0.572	-0.0007	-2.5 to 2.5	Pass
					36.0	0.186	0.0002	-2.5 to 2.5	Pass
				-20	12.0	0.029	0.0000	-2.5 to 2.5	Pass
				-10	12.0	-0.057	-0.0001	-2.5 to 2.5	Pass
				0	12.0	-0.472	-0.0006	-2.5 to 2.5	Pass
				10	12.0	-0.143	-0.0002	-2.5 to 2.5	Pass
				30	12.0	0.157	0.0002	-2.5 to 2.5	Pass
				40	12.0	-0.644	-0.0008	-2.5 to 2.5	Pass
				50	12.0	-0.815	-0.0010	-2.5 to 2.5	Pass
				60	12.0	-0.129	-0.0002	-2.5 to 2.5	Pass
				70	12.0	-0.615	-0.0007	-2.5 to 2.5	Pass
	846.5	25	0	24	9.0	0.029	0.0000	-2.5 to 2.5	Pass
					12.0	-0.830	-0.0010	-2.5 to 2.5	Pass
					36.0	0.143	0.0002	-2.5 to 2.5	Pass
				-20	12.0	-0.730	-0.0009	-2.5 to 2.5	Pass
				-10	12.0	-0.672	-0.0008	-2.5 to 2.5	Pass
				0	12.0	0.486	0.0006	-2.5 to 2.5	Pass
				10	12.0	-1.101	-0.0013	-2.5 to 2.5	Pass
				30	12.0	-0.186	-0.0002	-2.5 to 2.5	Pass
				40	12.0	0.501	0.0006	-2.5 to 2.5	Pass
				50	12.0	-1.073	-0.0013	-2.5 to 2.5	Pass
				60	12.0	-0.429	-0.0005	-2.5 to 2.5	Pass
				70	12.0	-0.601	-0.0007	-2.5 to 2.5	Pass

2.1.4 B5_10MHz

Band: 5 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	829	50	0	24	9.0	-1.459	-0.0018	-2.5 to 2.5	Pass
					12.0	-0.887	-0.0011	-2.5 to 2.5	Pass
					36.0	-0.200	-0.0002	-2.5 to 2.5	Pass
				-20	12.0	-0.772	-0.0009	-2.5 to 2.5	Pass
				-10	12.0	-0.372	-0.0004	-2.5 to 2.5	Pass
				0	12.0	-0.243	-0.0003	-2.5 to 2.5	Pass
				10	12.0	-0.157	-0.0002	-2.5 to 2.5	Pass
				30	12.0	-0.587	-0.0007	-2.5 to 2.5	Pass
				40	12.0	-0.401	-0.0005	-2.5 to 2.5	Pass
				50	12.0	-0.143	-0.0002	-2.5 to 2.5	Pass
				60	12.0	-0.658	-0.0008	-2.5 to 2.5	Pass
				70	12.0	-0.572	-0.0007	-2.5 to 2.5	Pass
	836.5	50	0	24	9.0	-0.787	-0.0009	-2.5 to 2.5	Pass
					12.0	0.157	0.0002	-2.5 to 2.5	Pass
					36.0	-0.286	-0.0003	-2.5 to 2.5	Pass
				-20	12.0	-0.415	-0.0005	-2.5 to 2.5	Pass
				-10	12.0	0.029	0.0000	-2.5 to 2.5	Pass

				0	12.0	0.143	0.0002	-2.5 to 2.5	Pass
				10	12.0	-0.257	-0.0003	-2.5 to 2.5	Pass
				30	12.0	-0.901	-0.0011	-2.5 to 2.5	Pass
				40	12.0	-0.701	-0.0008	-2.5 to 2.5	Pass
				50	12.0	-0.300	-0.0004	-2.5 to 2.5	Pass
				60	12.0	-0.272	-0.0003	-2.5 to 2.5	Pass
				70	12.0	-0.815	-0.0010	-2.5 to 2.5	Pass
	844	50	0	24	9.0	-1.588	-0.0019	-2.5 to 2.5	Pass
					12.0	-0.329	-0.0004	-2.5 to 2.5	Pass
					36.0	-0.386	-0.0005	-2.5 to 2.5	Pass
				-20	12.0	-1.674	-0.0020	-2.5 to 2.5	Pass
				-10	12.0	-0.987	-0.0012	-2.5 to 2.5	Pass
				0	12.0	-0.658	-0.0008	-2.5 to 2.5	Pass
				10	12.0	-1.245	-0.0015	-2.5 to 2.5	Pass
				30	12.0	-1.631	-0.0019	-2.5 to 2.5	Pass
				40	12.0	-0.744	-0.0009	-2.5 to 2.5	Pass
				50	12.0	-1.431	-0.0017	-2.5 to 2.5	Pass
				60	12.0	-1.373	-0.0016	-2.5 to 2.5	Pass
				70	12.0	-1.273	-0.0015	-2.5 to 2.5	Pass
16QAM	829	50	0	24	9.0	-0.129	-0.0002	-2.5 to 2.5	Pass
					12.0	-1.245	-0.0015	-2.5 to 2.5	Pass
					36.0	-1.302	-0.0016	-2.5 to 2.5	Pass
				-20	12.0	-0.200	-0.0002	-2.5 to 2.5	Pass
				-10	12.0	-0.544	-0.0007	-2.5 to 2.5	Pass
				0	12.0	-0.701	-0.0008	-2.5 to 2.5	Pass
				10	12.0	-1.144	-0.0014	-2.5 to 2.5	Pass
				30	12.0	-0.887	-0.0011	-2.5 to 2.5	Pass
				40	12.0	-1.745	-0.0021	-2.5 to 2.5	Pass
				50	12.0	-1.588	-0.0019	-2.5 to 2.5	Pass
	836.5	50	0	60	12.0	-0.429	-0.0005	-2.5 to 2.5	Pass
				70	12.0	-0.687	-0.0008	-2.5 to 2.5	Pass
				24	9.0	-0.587	-0.0007	-2.5 to 2.5	Pass
					12.0	-0.758	-0.0009	-2.5 to 2.5	Pass
					36.0	-0.443	-0.0005	-2.5 to 2.5	Pass
				-20	12.0	-0.787	-0.0009	-2.5 to 2.5	Pass
				-10	12.0	-1.259	-0.0015	-2.5 to 2.5	Pass
				0	12.0	-0.672	-0.0008	-2.5 to 2.5	Pass
				10	12.0	0.257	0.0003	-2.5 to 2.5	Pass
				30	12.0	-0.930	-0.0011	-2.5 to 2.5	Pass
	844	50	0	40	12.0	-1.674	-0.0020	-2.5 to 2.5	Pass
				50	12.0	-0.358	-0.0004	-2.5 to 2.5	Pass
				60	12.0	-0.715	-0.0009	-2.5 to 2.5	Pass
				70	12.0	-0.544	-0.0007	-2.5 to 2.5	Pass
				24	9.0	-1.273	-0.0015	-2.5 to 2.5	Pass
					12.0	-1.202	-0.0014	-2.5 to 2.5	Pass
					36.0	-0.129	-0.0002	-2.5 to 2.5	Pass
				-20	12.0	-0.501	-0.0006	-2.5 to 2.5	Pass
				-10	12.0	-0.615	-0.0007	-2.5 to 2.5	Pass
				0	12.0	-0.644	-0.0008	-2.5 to 2.5	Pass
				10	12.0	0.100	0.0001	-2.5 to 2.5	Pass
				30	12.0	0.100	0.0001	-2.5 to 2.5	Pass
				40	12.0	-0.758	-0.0009	-2.5 to 2.5	Pass
				50	12.0	-0.629	-0.0007	-2.5 to 2.5	Pass
				60	12.0	-0.644	-0.0008	-2.5 to 2.5	Pass
				70	12.0	-0.315	-0.0004	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band5_OBW

Band: 5 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	824.7	6	0	1.112	/	Pass
		836.5	6	0	1.104	/	Pass
		848.3	6	0	1.123	/	Pass
	16QAM	824.7	6	0	1.109	/	Pass
		836.5	6	0	1.099	/	Pass
		848.3	6	0	1.111	/	Pass
3	QPSK	825.5	15	0	2.746	/	Pass
		836.5	15	0	2.733	/	Pass
		847.5	15	0	2.759	/	Pass
	16QAM	825.5	15	0	2.731	/	Pass
		836.5	15	0	2.760	/	Pass
		847.5	15	0	2.741	/	Pass
5	QPSK	826.5	25	0	4.551	/	Pass
		836.5	25	0	4.558	/	Pass
		846.5	25	0	4.553	/	Pass
	16QAM	826.5	25	0	4.555	/	Pass
		836.5	25	0	4.559	/	Pass
		846.5	25	0	4.569	/	Pass
10	QPSK	829	50	0	9.075	/	Pass
		836.5	50	0	9.036	/	Pass
		844	50	0	9.047	/	Pass
	16QAM	829	50	0	9.036	/	Pass
		836.5	50	0	9.011	/	Pass
		844	50	0	9.029	/	Pass

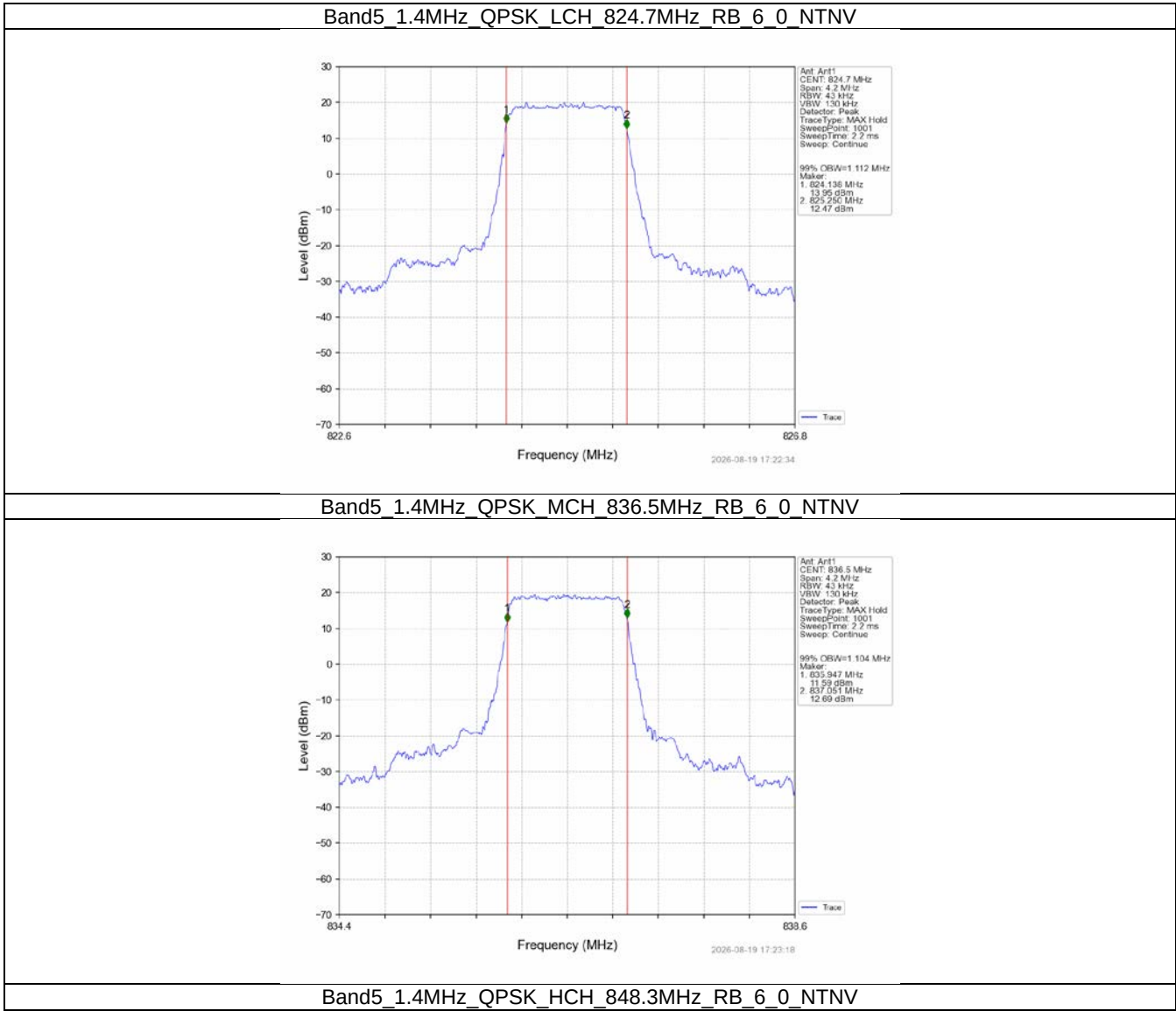
3.1.2 Band5_XDB

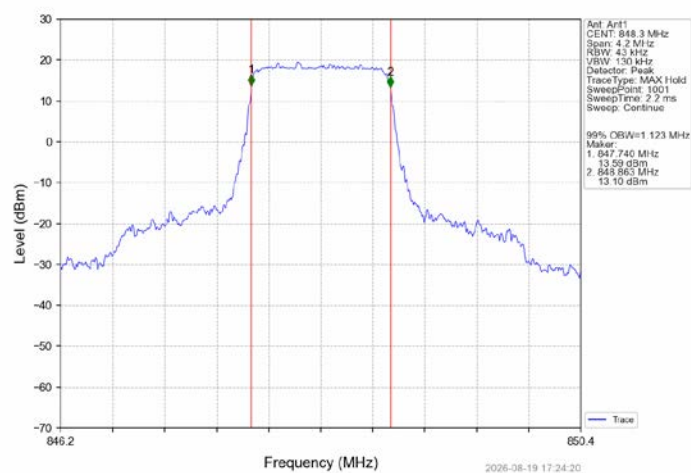
Band: 5 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	824.7	6	0	1.308	/	Pass
		836.5	6	0	1.309	/	Pass
		848.3	6	0	1.337	/	Pass
	16QAM	824.7	6	0	1.325	/	Pass
		836.5	6	0	1.310	/	Pass
		848.3	6	0	1.330	/	Pass
3	QPSK	825.5	15	0	3.061	/	Pass
		836.5	15	0	3.058	/	Pass
		847.5	15	0	3.058	/	Pass
	16QAM	825.5	15	0	3.052	/	Pass
		836.5	15	0	3.046	/	Pass
		847.5	15	0	3.067	/	Pass
5	QPSK	826.5	25	0	5.067	/	Pass
		836.5	25	0	5.090	/	Pass
		846.5	25	0	5.097	/	Pass
	16QAM	826.5	25	0	5.103	/	Pass
		836.5	25	0	5.104	/	Pass
		846.5	25	0	5.094	/	Pass
10	QPSK	829	50	0	9.975	/	Pass
		836.5	50	0	10.006	/	Pass

		844	50	0	10.076	/	Pass
	16QAM	829	50	0	10.008	/	Pass
		836.5	50	0	10.031	/	Pass
		844	50	0	9.997	/	Pass

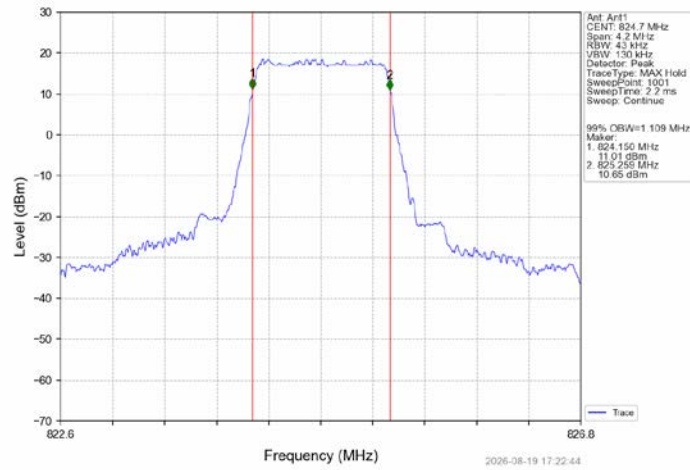
3.2 Test Graph

3.2.1 Band5_OBW

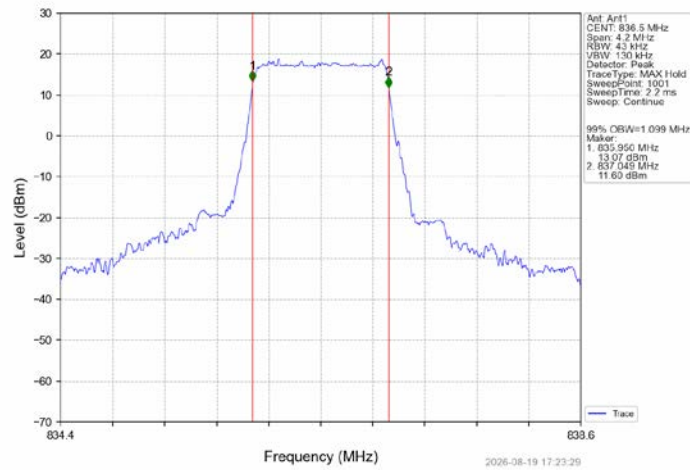




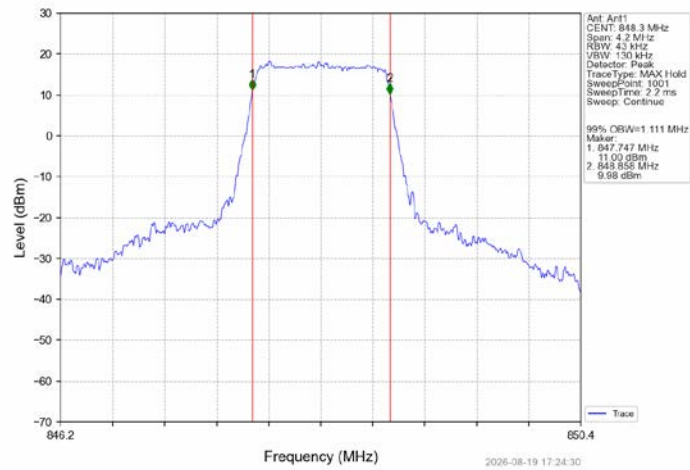
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



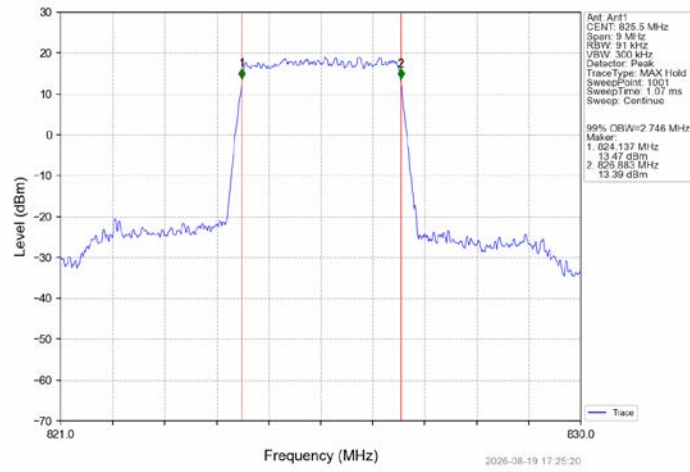
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



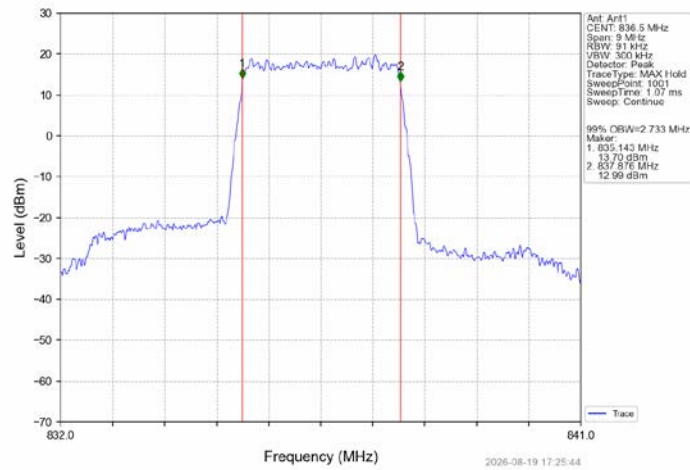
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



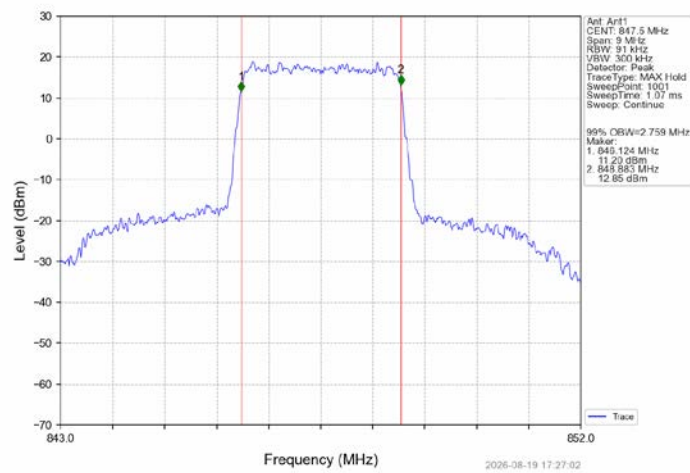
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



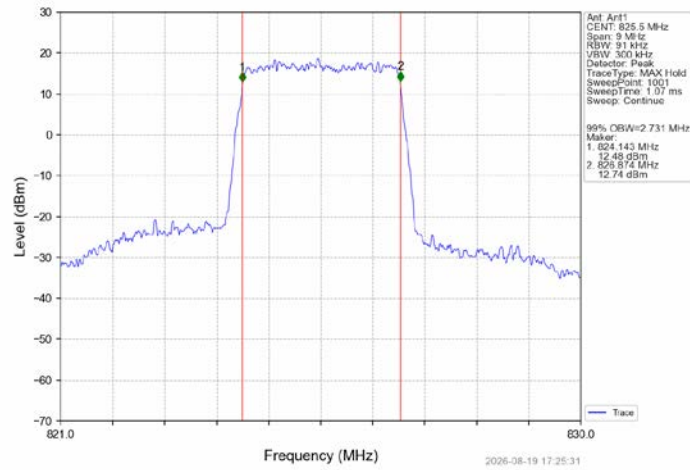
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



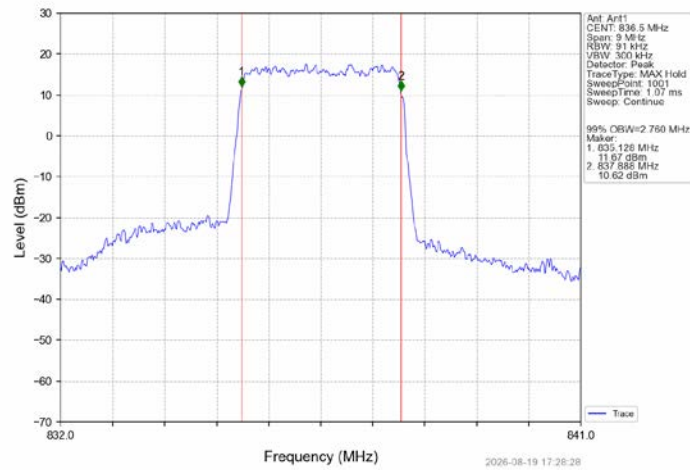
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



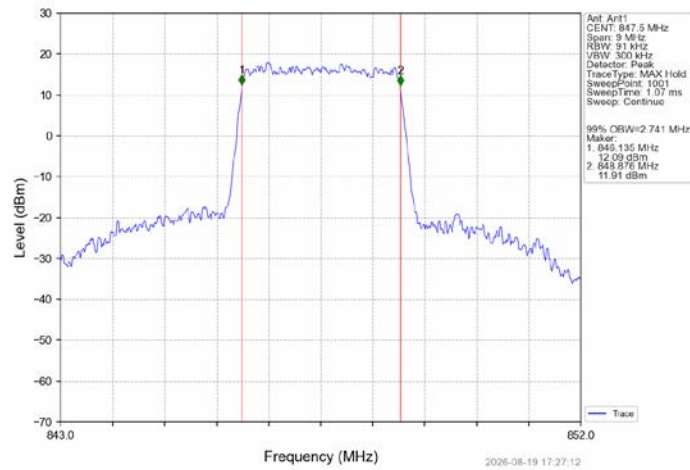
Band5 3MHz 16QAM LCH 825.5MHz RB 15 0 NTNV



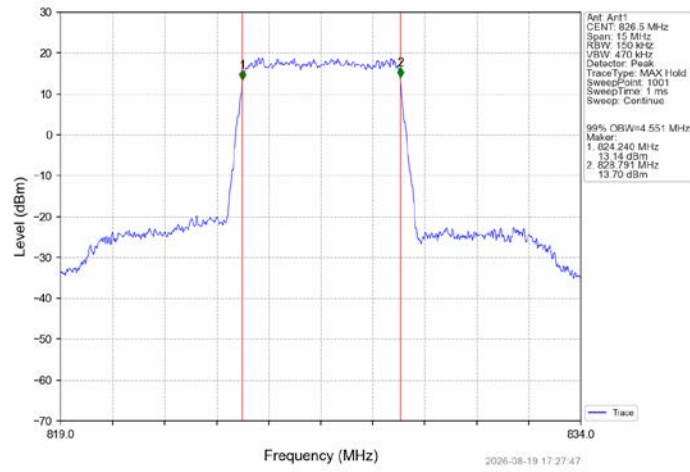
Band5 3MHz 16QAM MCH 836.5MHz RB 15 0 NTNV



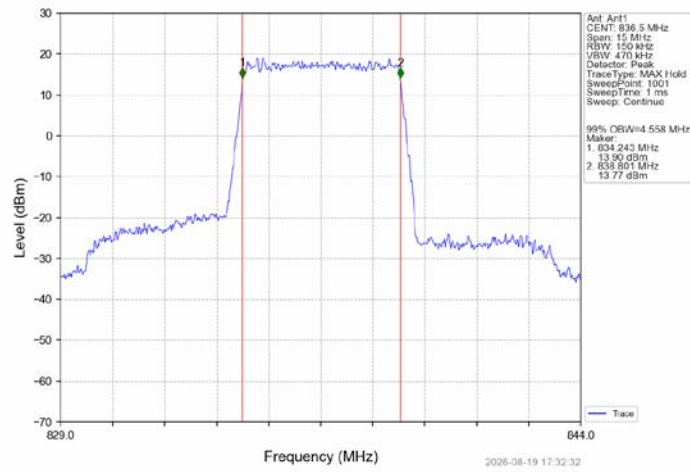
Band5 3MHz 16QAM HCH 847.5MHz RB 15 0 NTNV



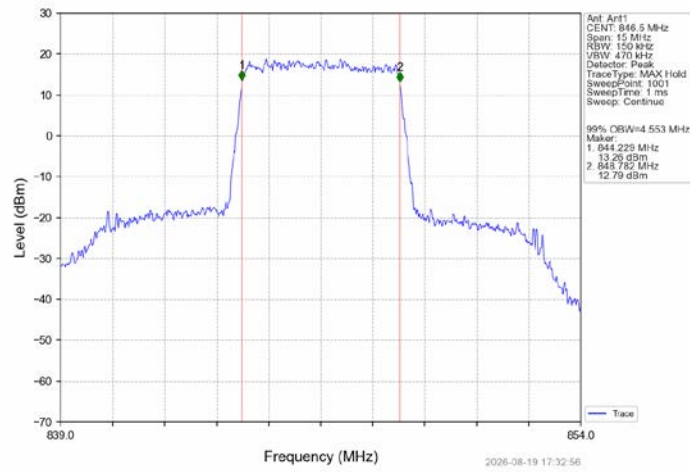
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



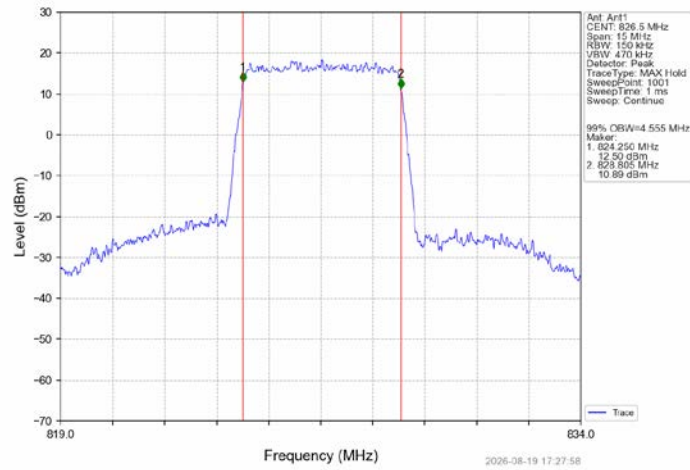
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



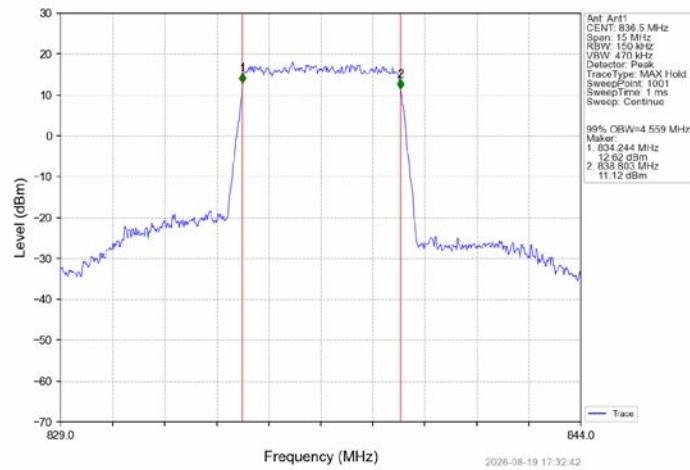
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



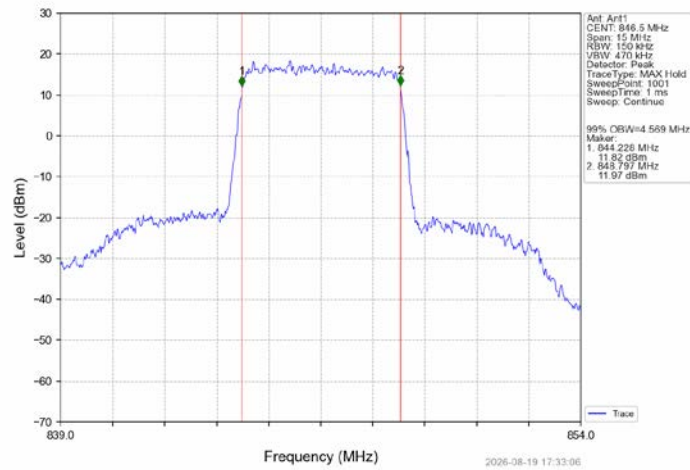
Band5 5MHz 16QAM LCH 826.5MHz RB 25 0 NTNV



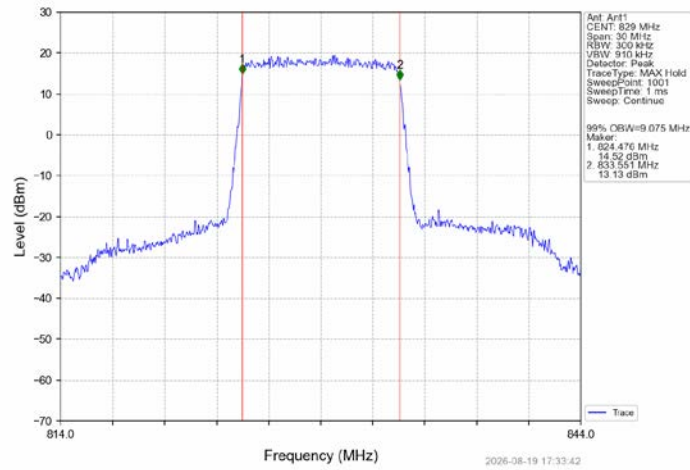
Band5 5MHz 16QAM MCH 836.5MHz RB 25 0 NTNV



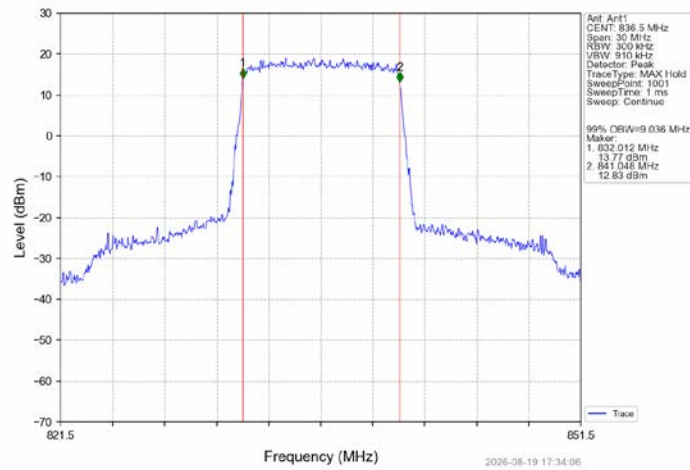
Band5 5MHz 16QAM HCH 846.5MHz RB 25 0 NTNV



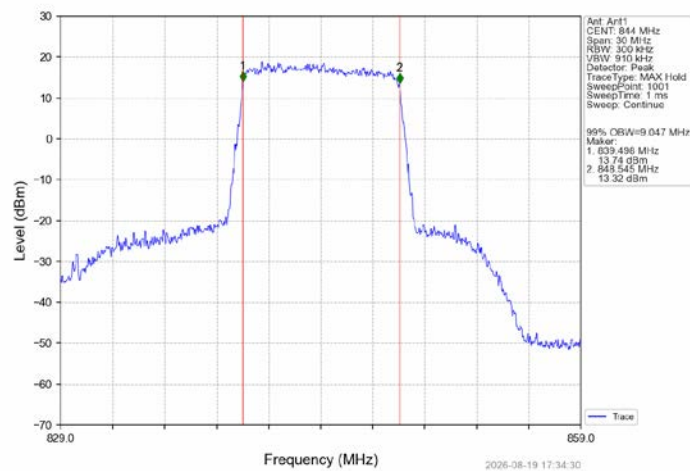
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



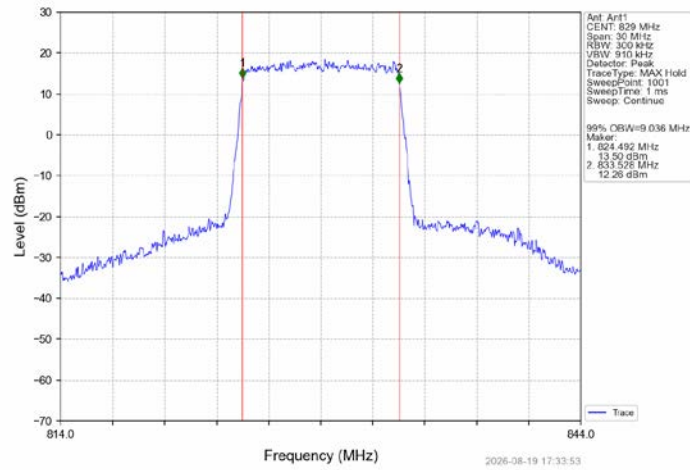
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



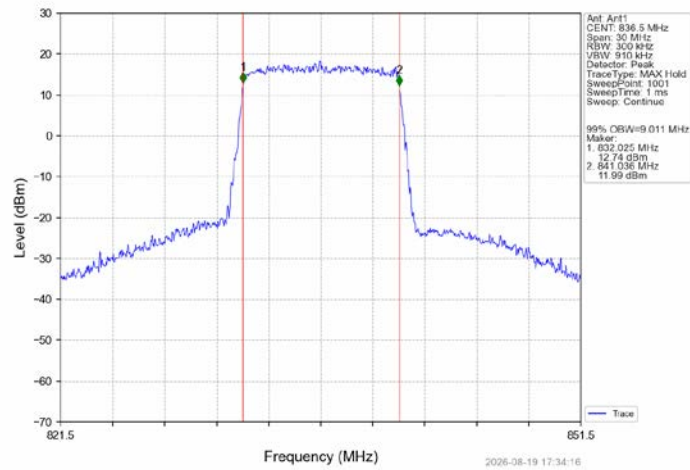
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



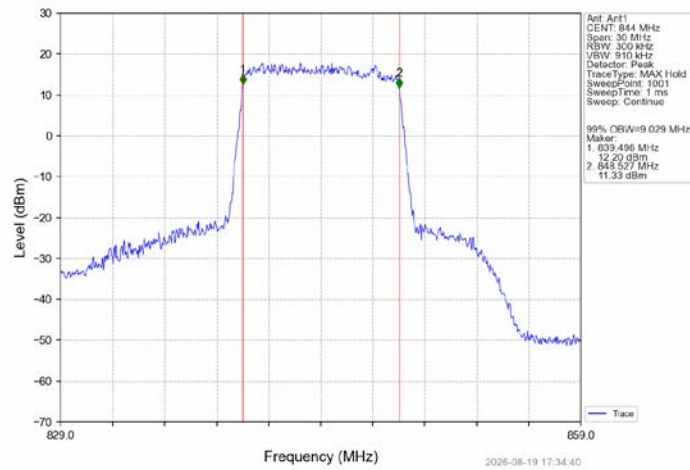
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



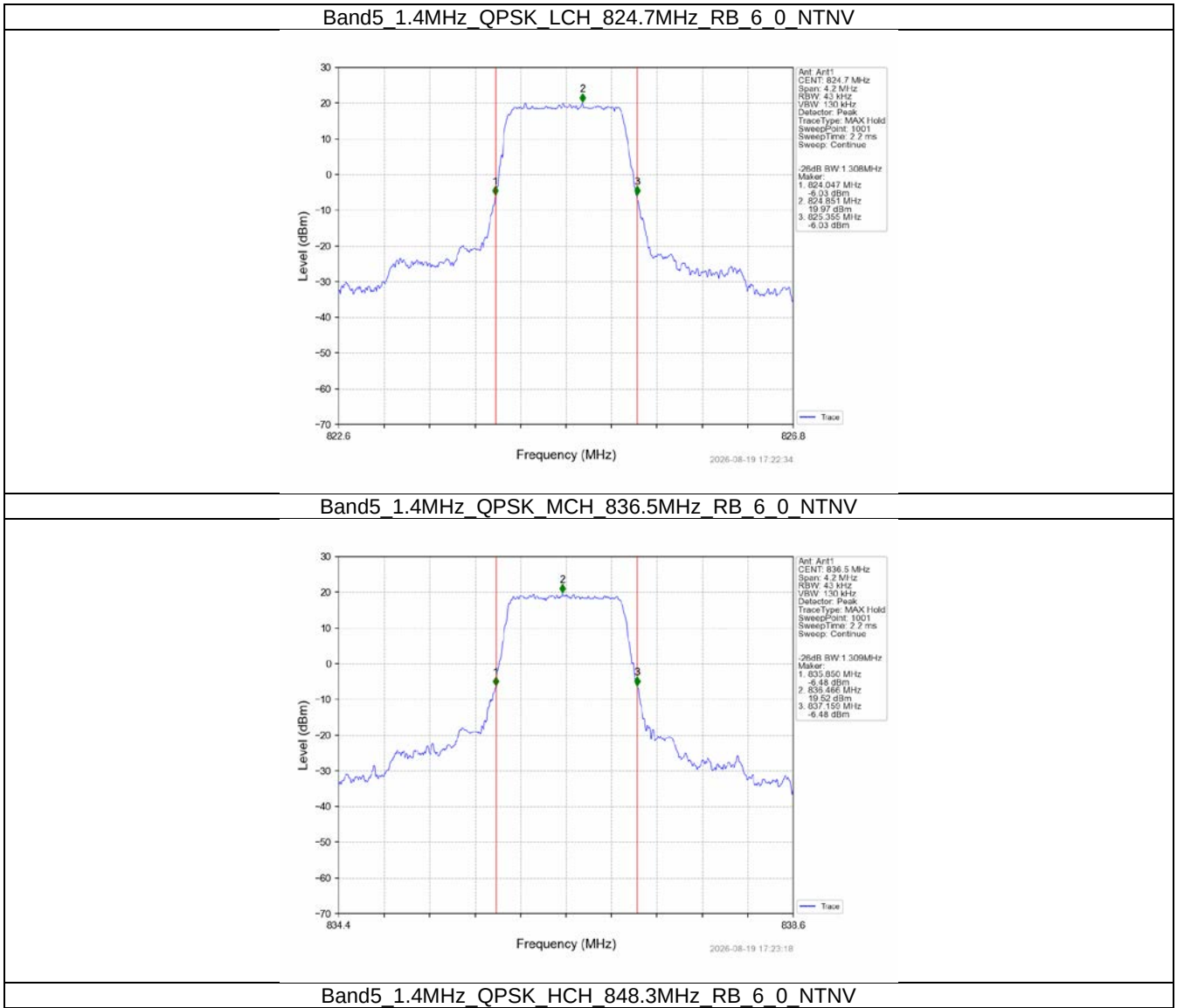
Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV

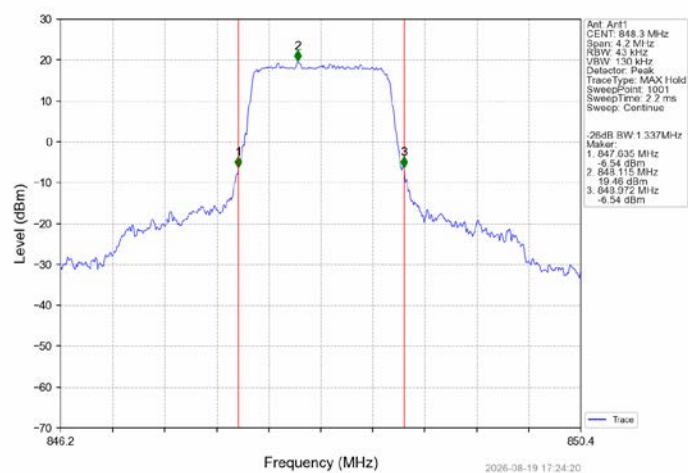


Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV

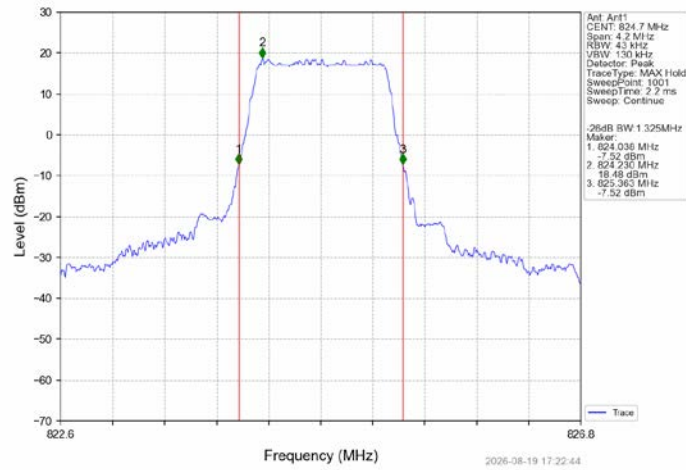


3.2.2 Band5_XDB

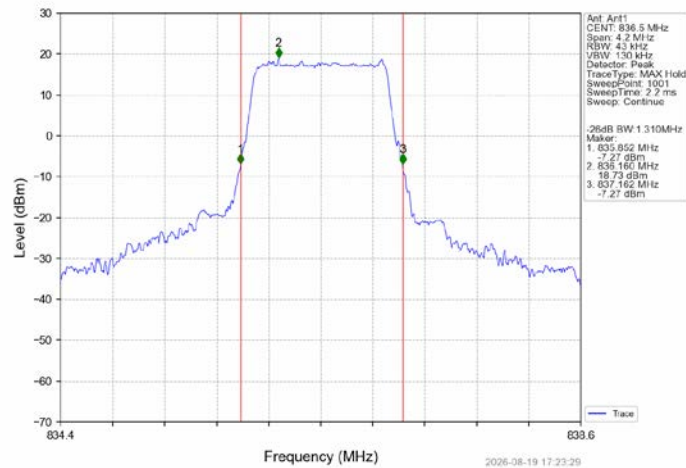




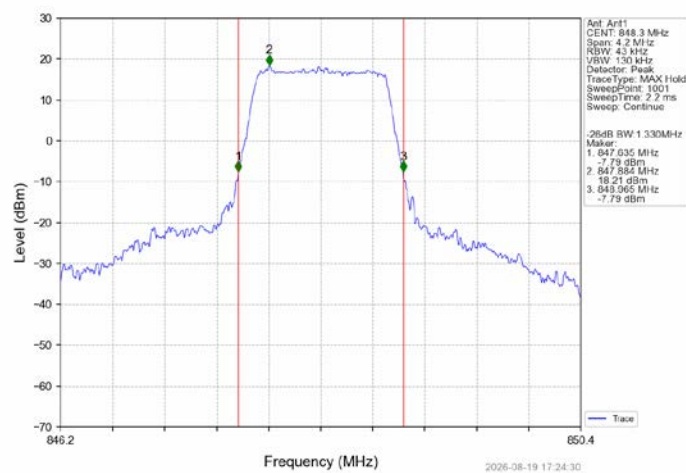
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



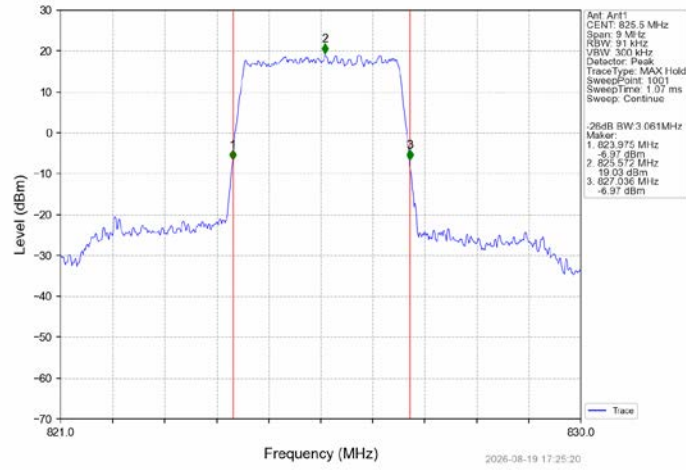
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



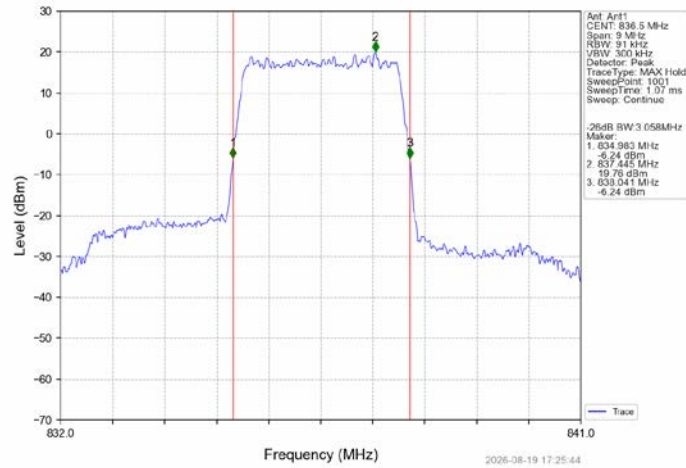
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



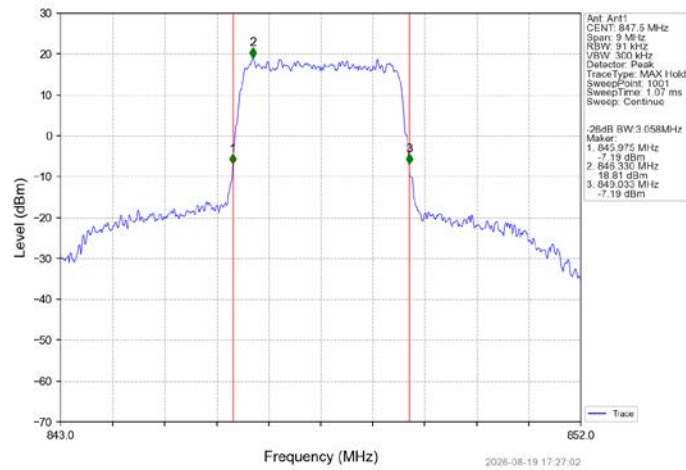
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



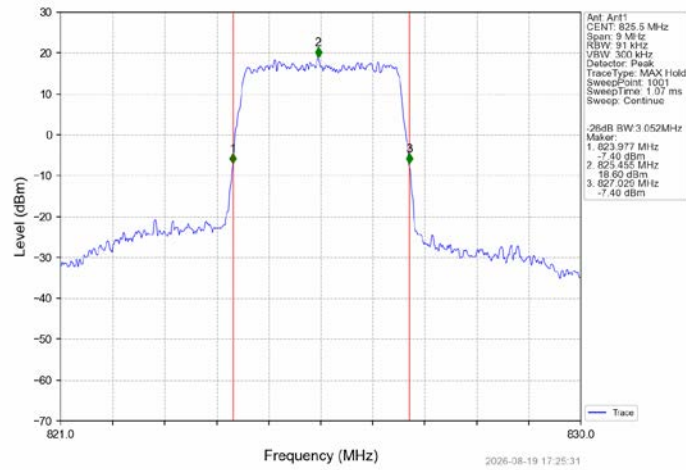
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



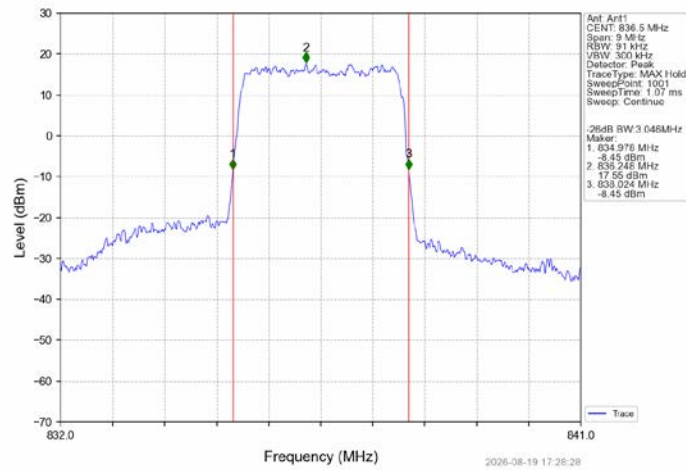
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



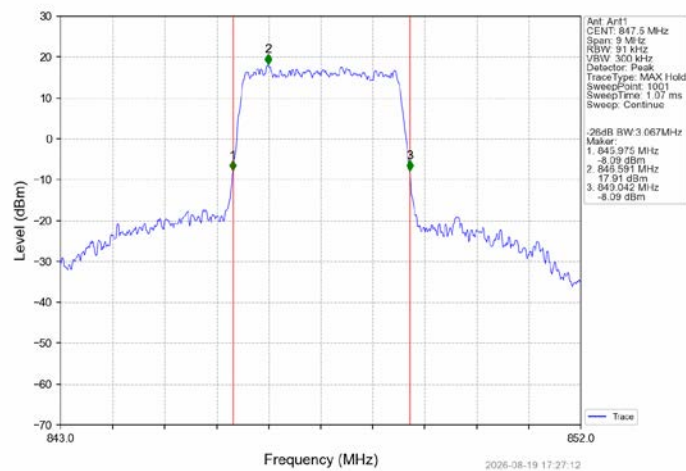
Band5 3MHz 16QAM LCH 825.5MHz RB 15 0 NTNV



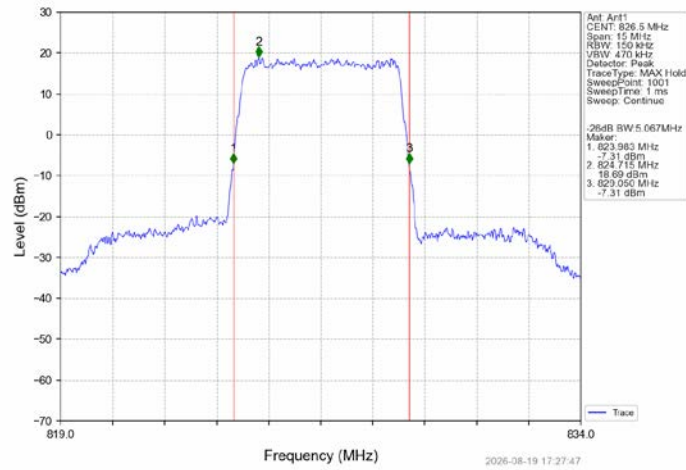
Band5 3MHz 16QAM MCH 836.5MHz RB 15 0 NTNV



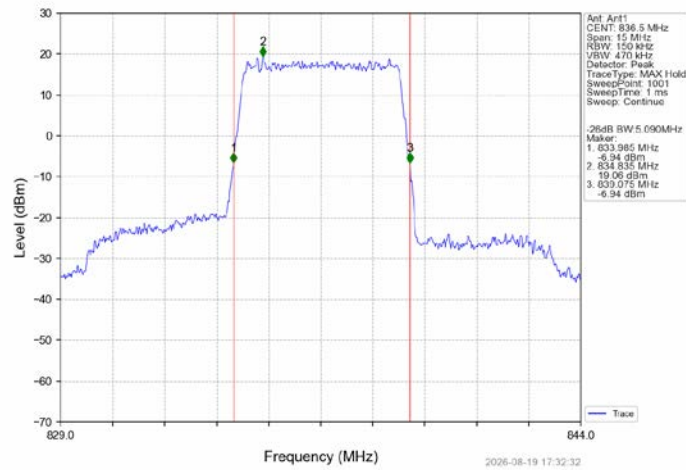
Band5 3MHz 16QAM HCH 847.5MHz RB 15 0 NTNV



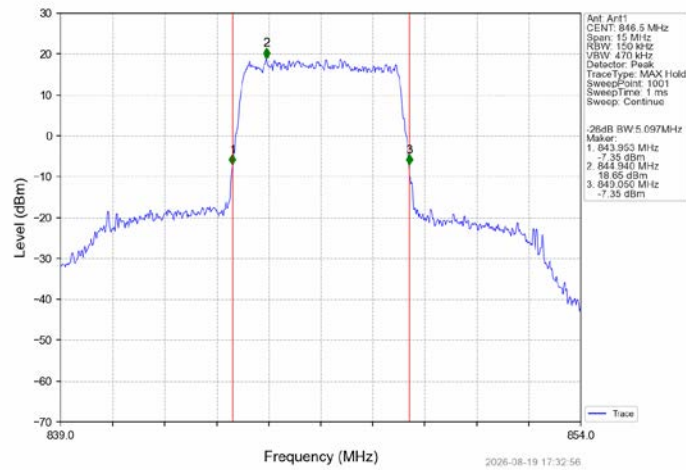
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



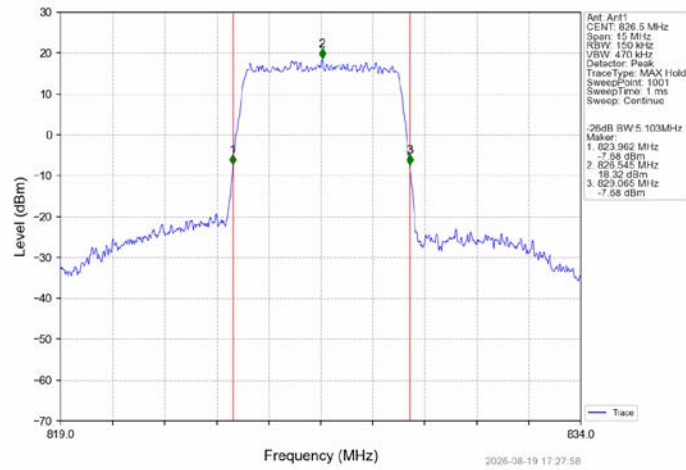
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



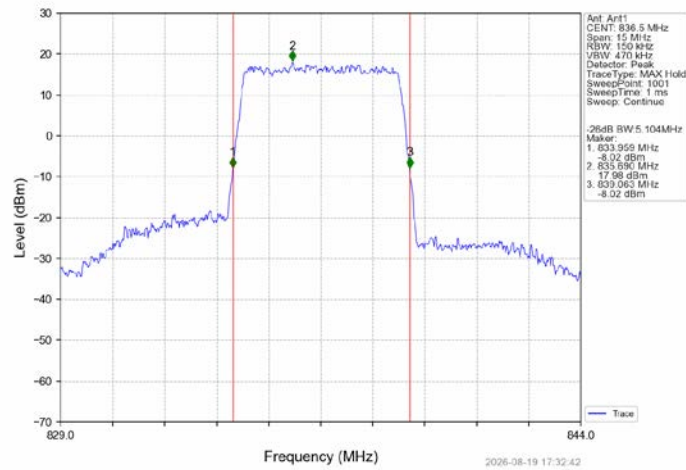
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



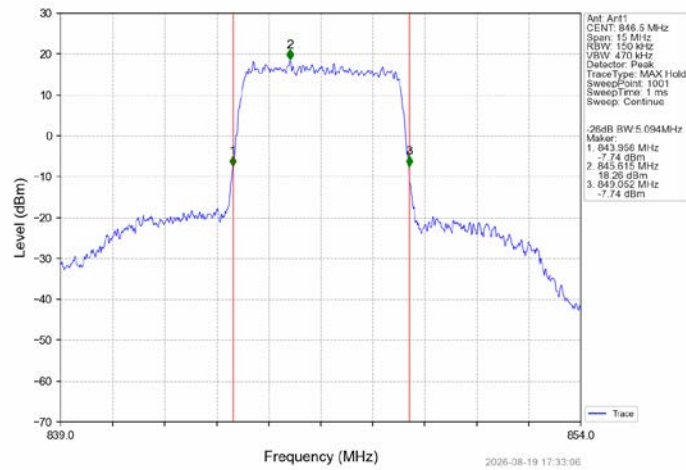
Band5 5MHz 16QAM LCH 826.5MHz RB 25 0 NTNV



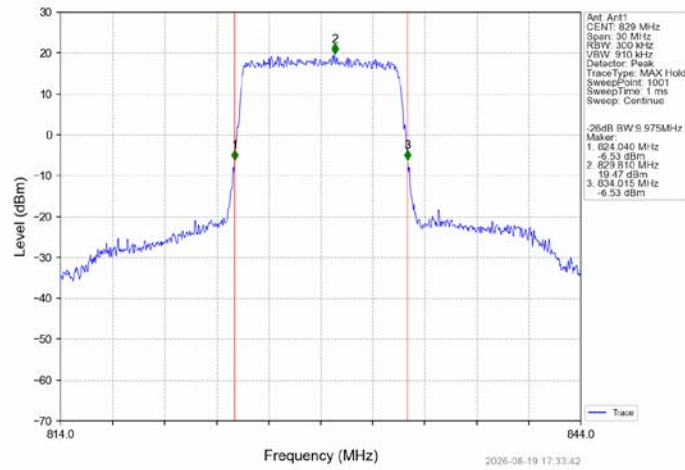
Band5 5MHz 16QAM MCH 836.5MHz RB 25 0 NTNV



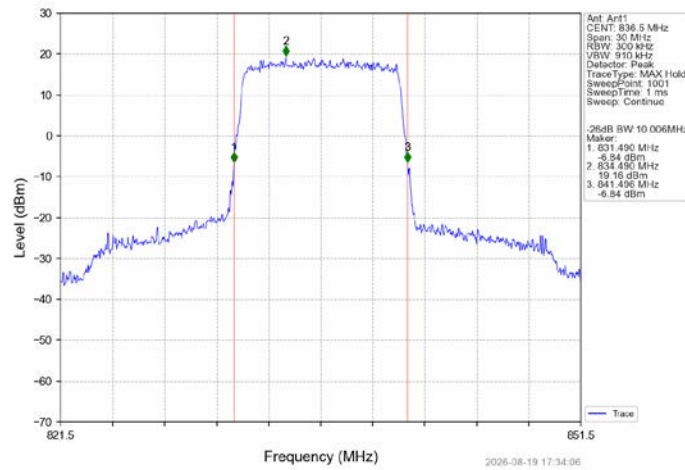
Band5 5MHz 16QAM HCH 846.5MHz RB 25 0 NTNV



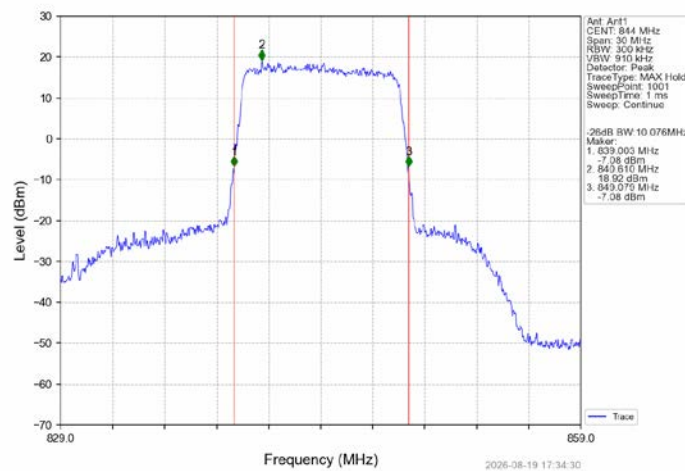
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



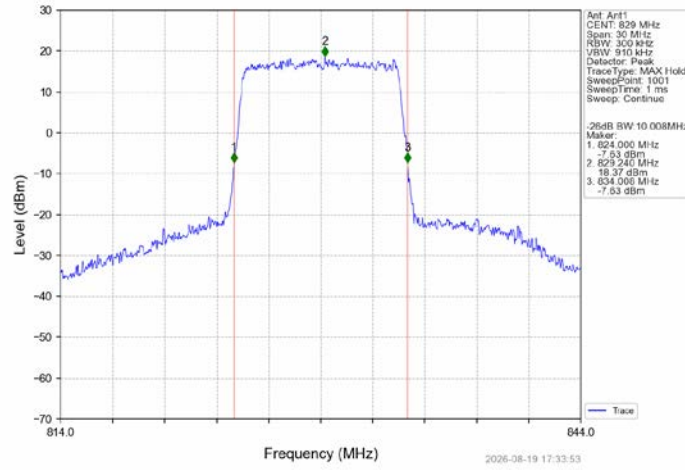
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



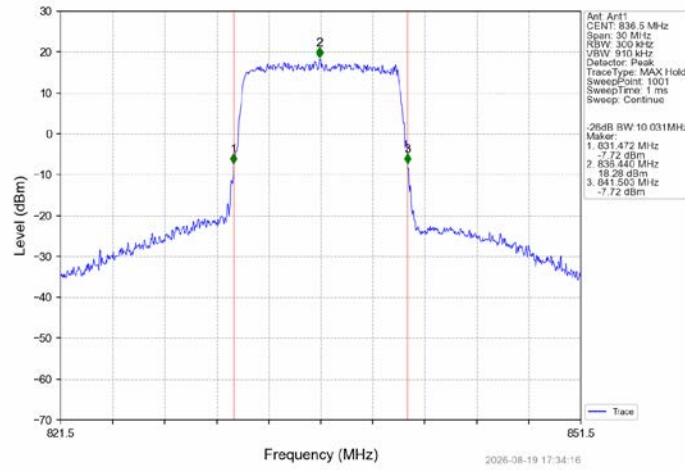
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



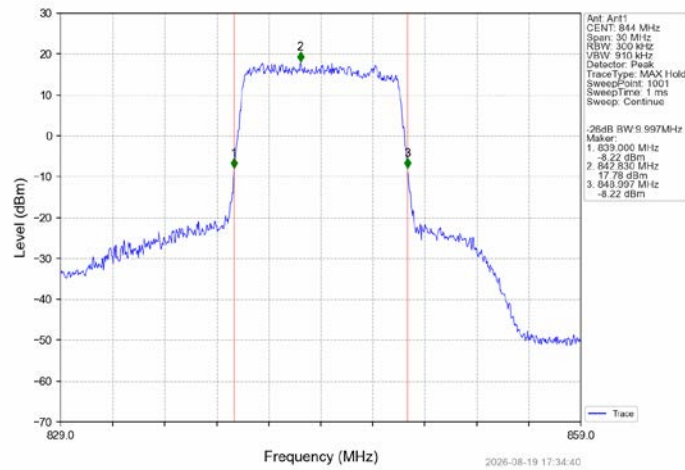
Band5 10MHz 16QAM LCH 829MHz RB 50 0 NTN



Band5 10MHz 16QAM MCH 836.5MHz RB 50 0 NTN



Band5 10MHz 16QAM HCH 844MHz RB 50 0 NTN



4. Peak-Average Ratio

4.1 Test Result

4.1.1 B5_1.4MHz

Band: 5 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	824.7	6	0	4.85	<=13	Pass
	836.5	6	0	4.92	<=13	Pass
	848.3	6	0	4.30	<=13	Pass
16QAM	824.7	6	0	5.76	<=13	Pass
	836.5	6	0	5.82	<=13	Pass
	848.3	6	0	5.26	<=13	Pass

4.1.2 B5_3MHz

Band: 5 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	825.5	15	0	4.97	<=13	Pass
	836.5	15	0	5.10	<=13	Pass
	847.5	15	0	4.76	<=13	Pass
16QAM	825.5	15	0	5.88	<=13	Pass
	836.5	15	0	6.02	<=13	Pass
	847.5	15	0	5.63	<=13	Pass

4.1.3 B5_5MHz

Band: 5 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	826.5	25	0	5.10	<=13	Pass
	836.5	25	0	5.21	<=13	Pass
	846.5	25	0	5.01	<=13	Pass
16QAM	826.5	25	0	5.94	<=13	Pass
	836.5	25	0	6.01	<=13	Pass
	846.5	25	0	5.82	<=13	Pass

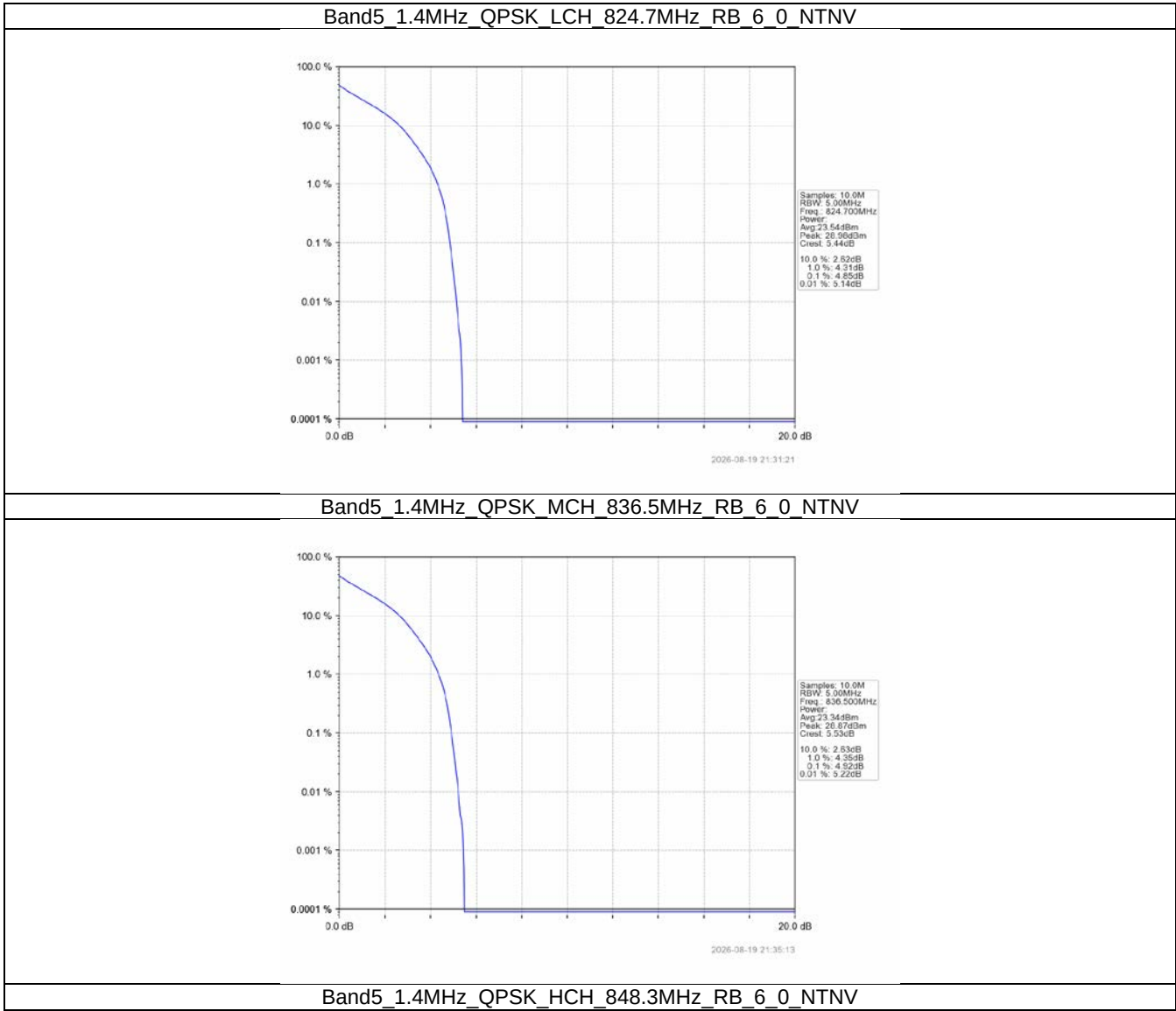
4.1.4 B5_10MHz

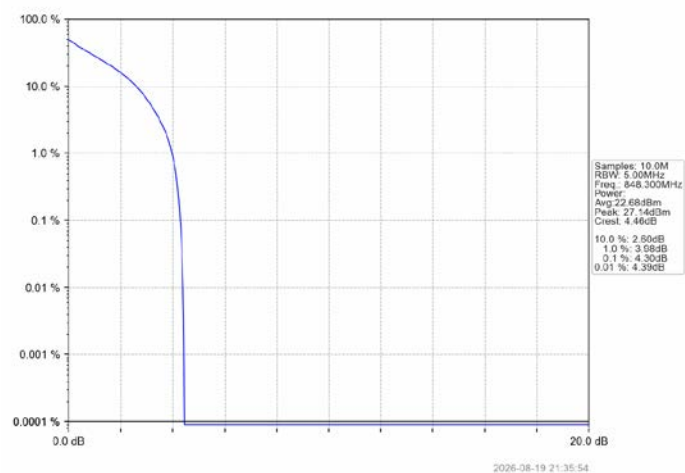
Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	829	50	0	5.09	<=13	Pass
	836.5	50	0	5.15	<=13	Pass
	844	50	0	5.04	<=13	Pass
16QAM	829	50	0	5.94	<=13	Pass
	836.5	50	0	5.99	<=13	Pass

	844	50	0	5.87	≤ 13	Pass
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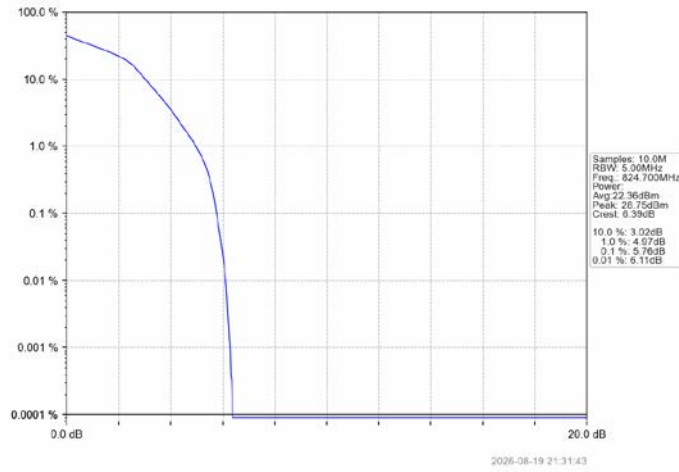
4.2 Test Graph

4.2.1 B5_1.4MHz

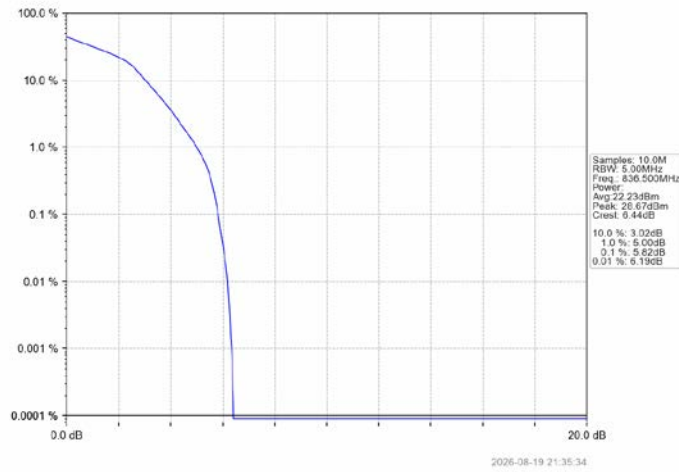




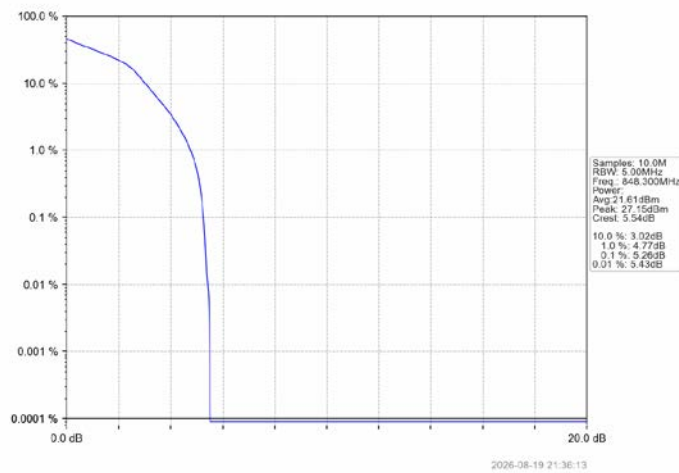
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV

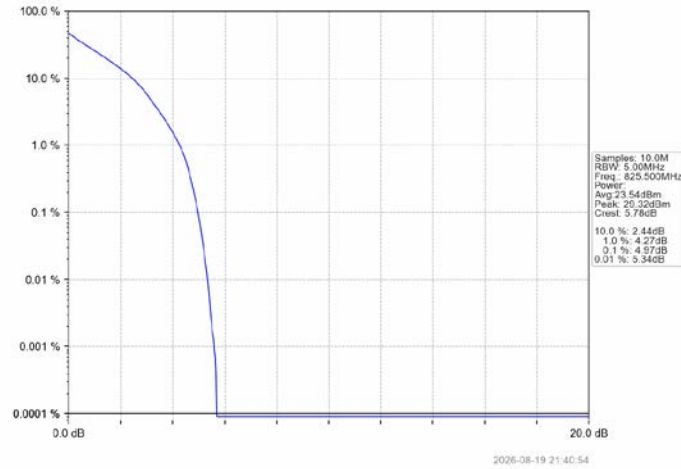


Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV

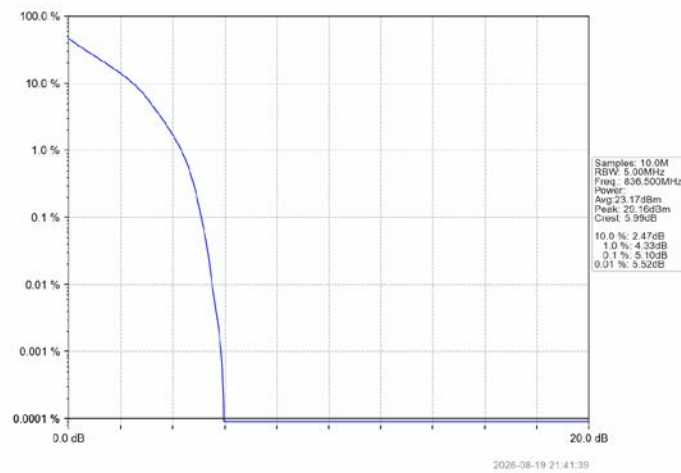


4.2.2 B5_3MHz

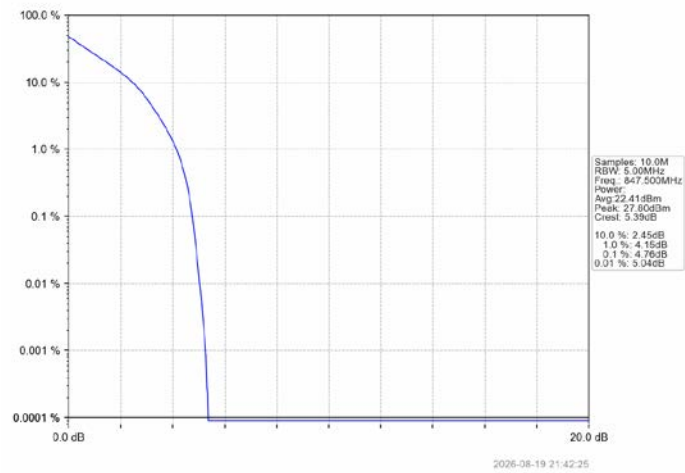
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



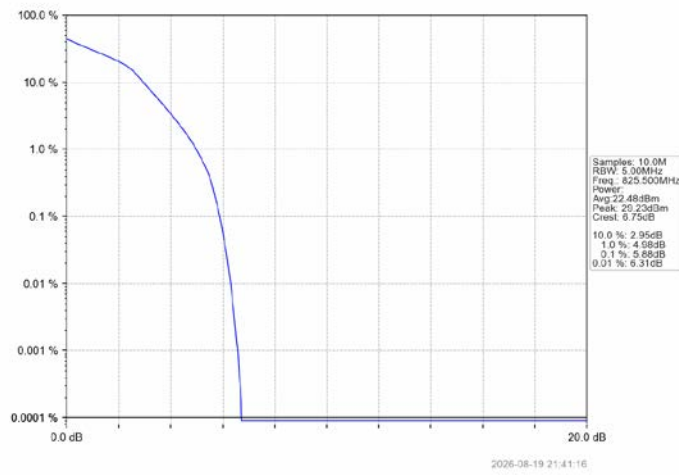
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



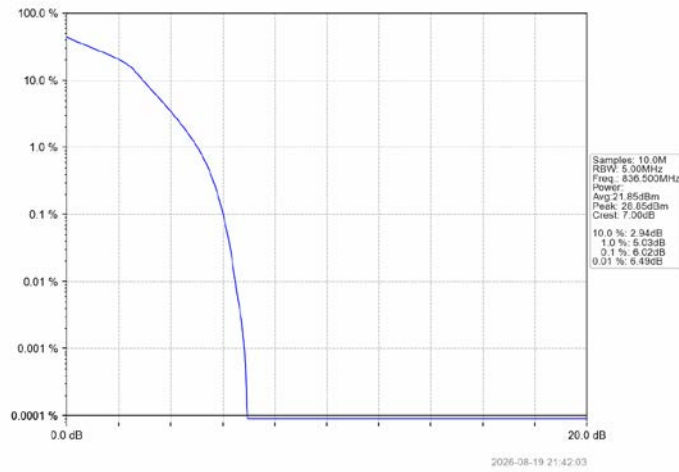
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



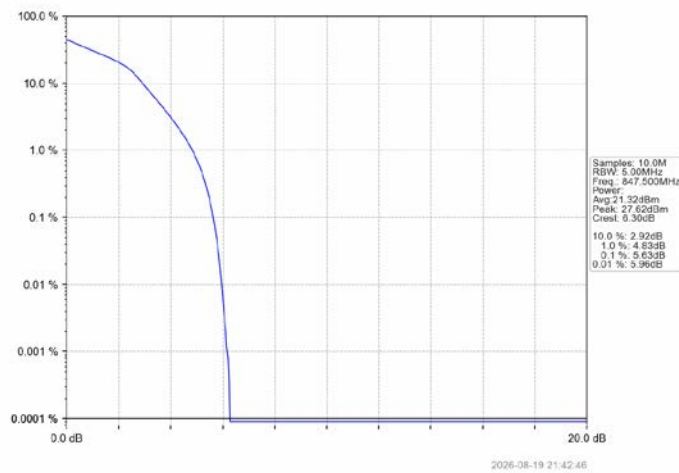
Band5 3MHz 16QAM LCH 825.5MHz RB 15 0 NTV



Band5 3MHz 16QAM MCH 836.5MHz RB 15 0 NTV

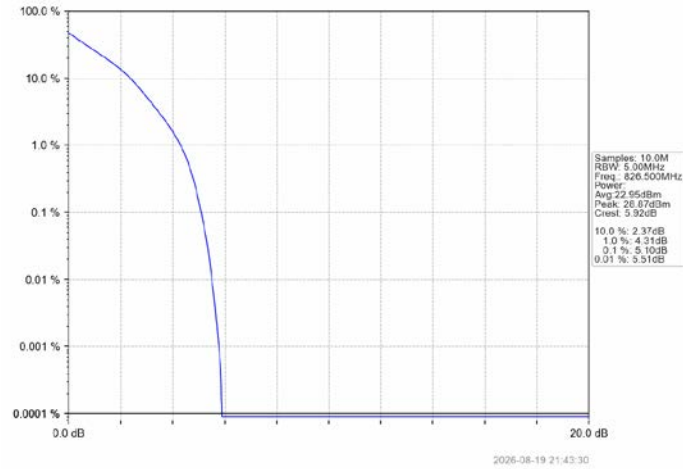


Band5 3MHz 16QAM HCH 847.5MHz RB 15 0 NTV

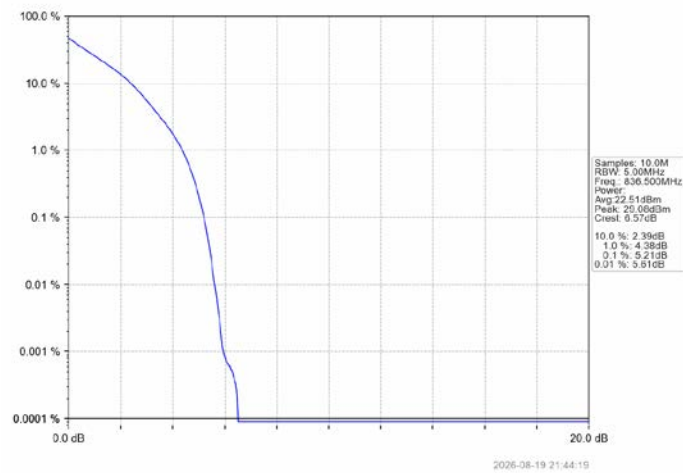


4.2.3 B5_5MHz

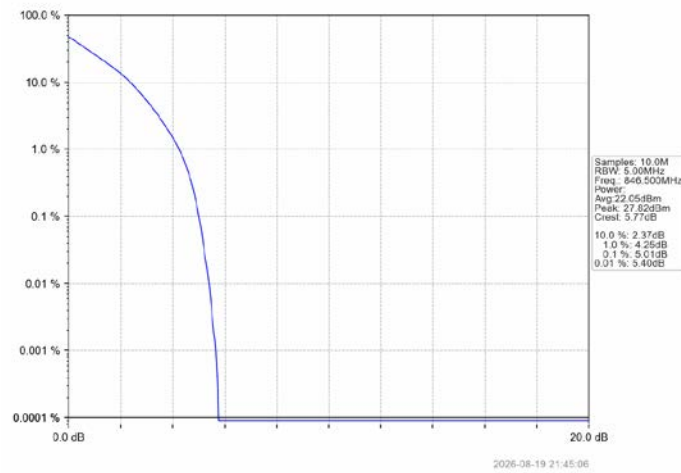
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



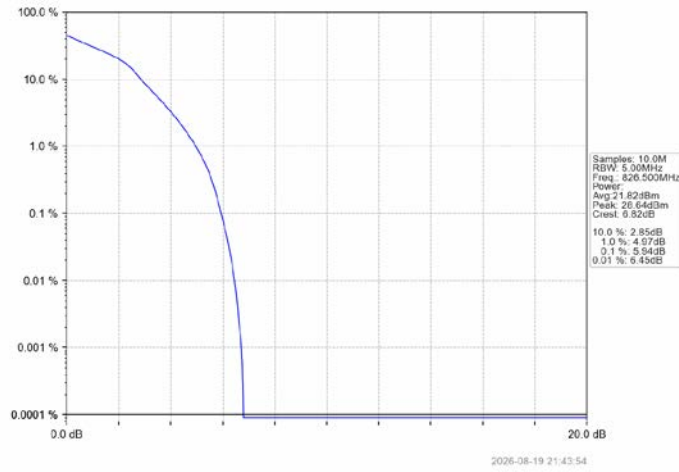
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



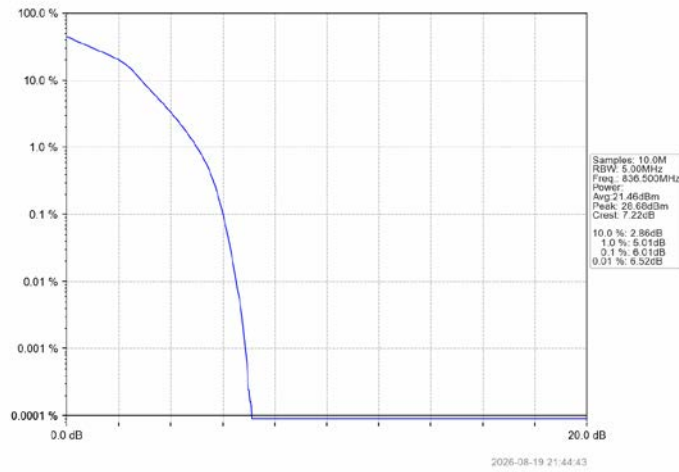
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



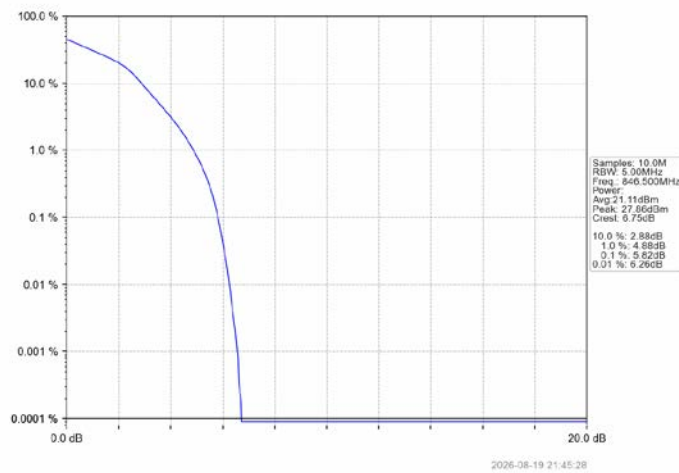
Band5 5MHz 16QAM LCH 826.5MHz RB 25 0 NTV



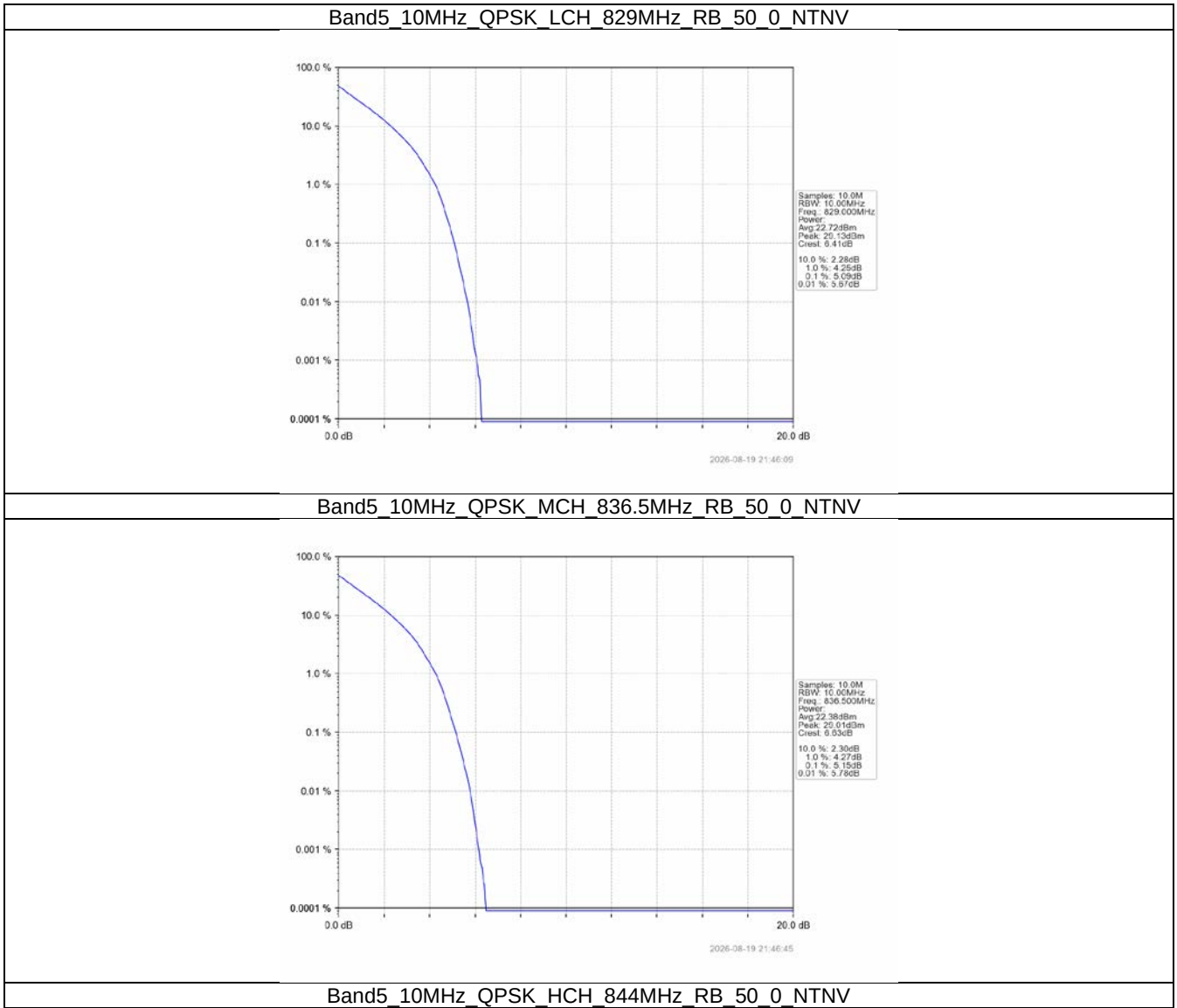
Band5 5MHz 16QAM MCH 836.5MHz RB 25 0 NTV

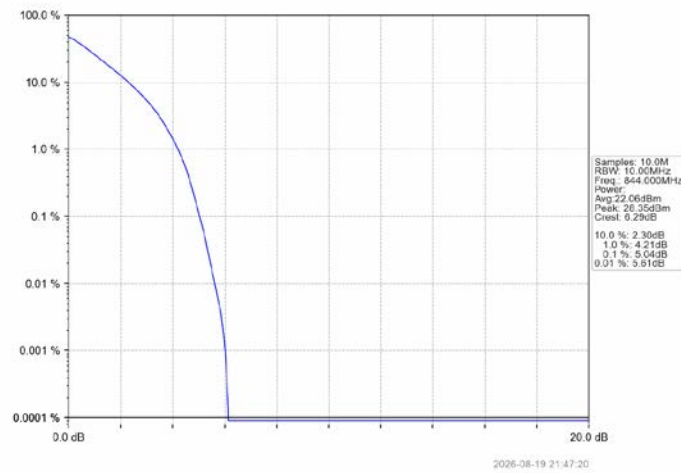


Band5 5MHz 16QAM HCH 846.5MHz RB 25 0 NTV

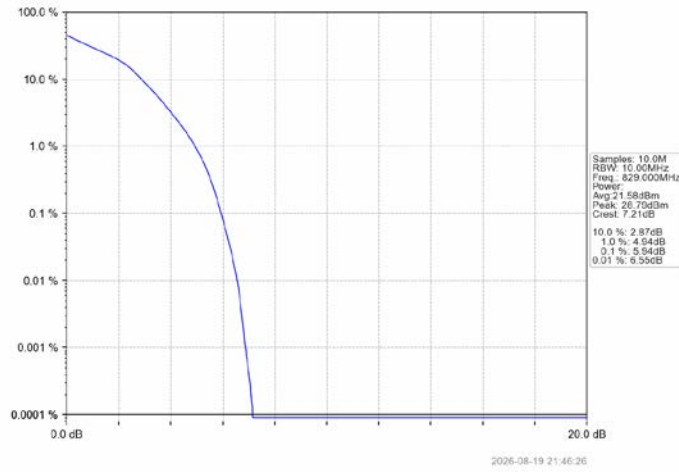


4.2.4 B5_10MHz

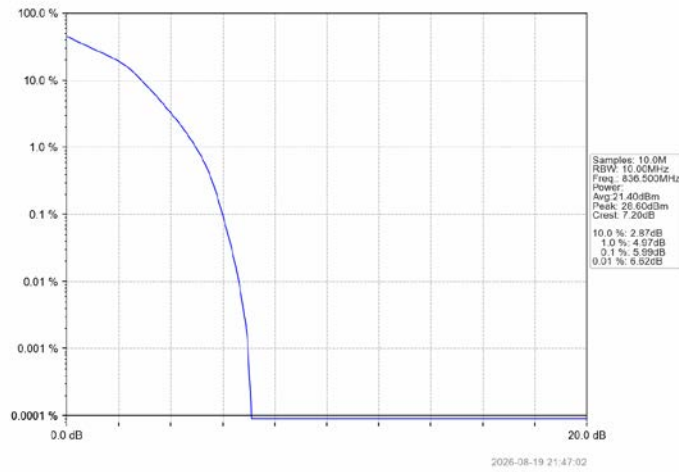




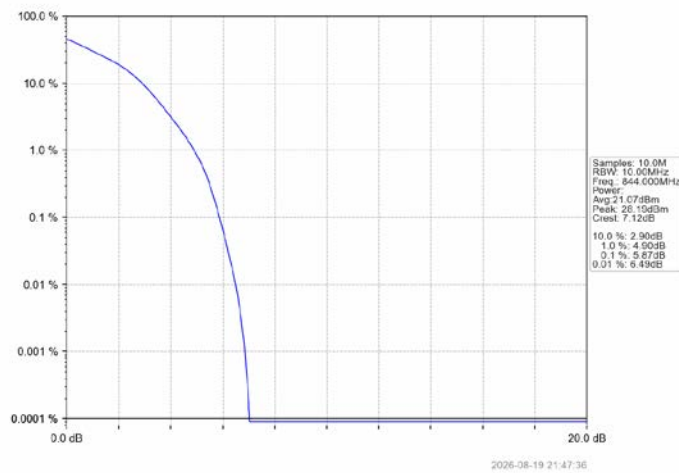
Band5 10MHz 16QAM LCH 829MHz RB 50 0 NTV



Band5 10MHz 16QAM MCH 836.5MHz RB 50 0 NTV



Band5 10MHz 16QAM HCH 844MHz RB 50 0 NTV



5. Spurious Emission and Band Edge

5.1 Test Result

5.1.1 B5_1.4MHz

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
		1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
			0	Refer To Test Graph		Pass
16QAM	824.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
			0	Refer To Test Graph		Pass

5.1.2 B5_3MHz

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

5.1.3 B5_5MHz

Band: 5 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		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
		1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
			0	Refer To Test Graph		Pass
16QAM	826.5	1	0	Refer To Test Graph		Pass

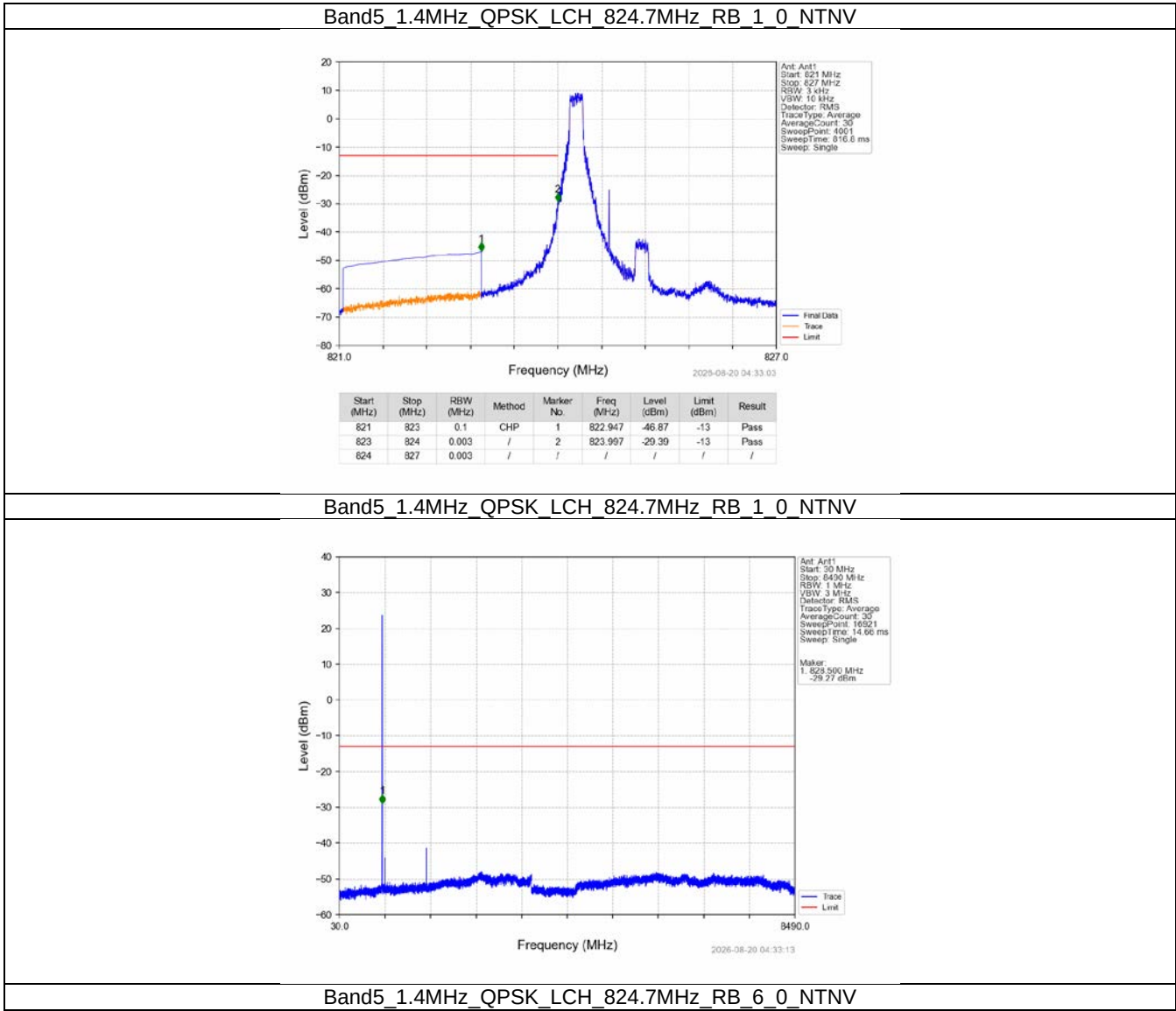
		25	0	Refer To Test Graph	Pass
	836.5	1	0	Refer To Test Graph	Pass
	846.5	1	0	Refer To Test Graph	Pass
			24	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass

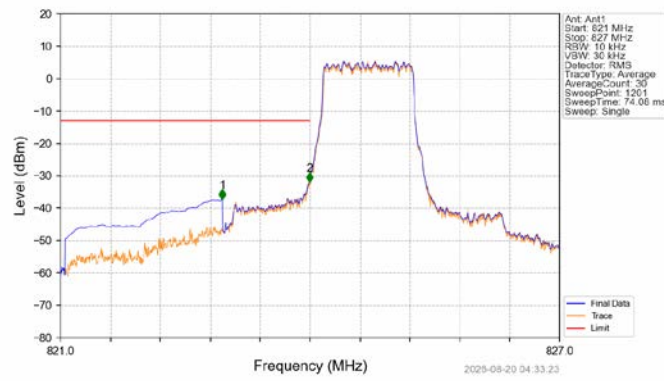
5.1.4 B5_10MHz

Band: 5 / Bandwidth: 10MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		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

5.2 Test Graph

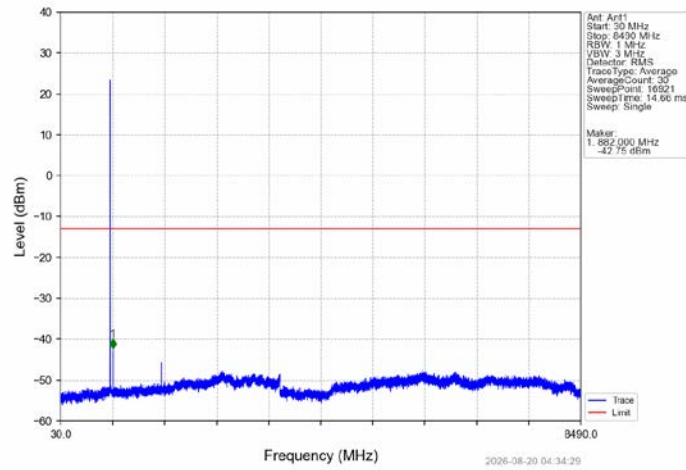
5.2.1 B5_1.4MHz



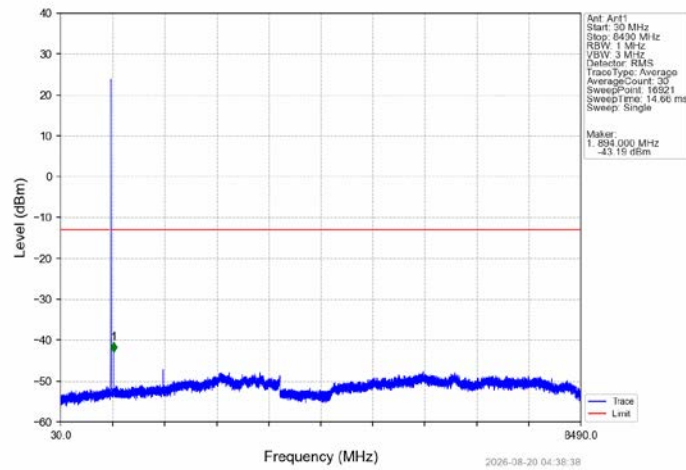


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.945	-37.28	-13	Pass
823	824	0.013	CHP	2	823.995	-31.98	-13	Pass
824	827	0.013	CHP	/	/	/	/	/

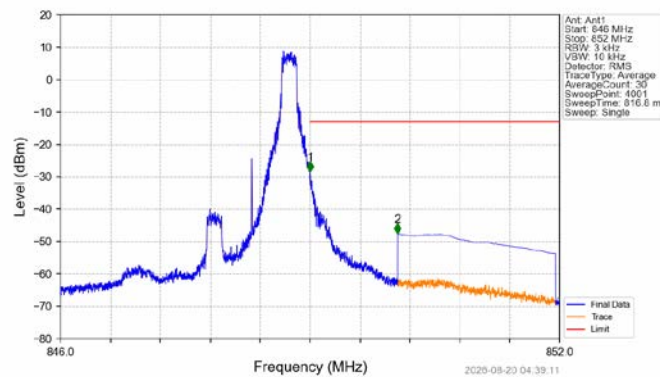
Band5 1.4MHz QPSK MCH 836.5MHz RB 1 0 NTV



Band5 1.4MHz QPSK HCH 848.3MHz RB 1 0 NTV

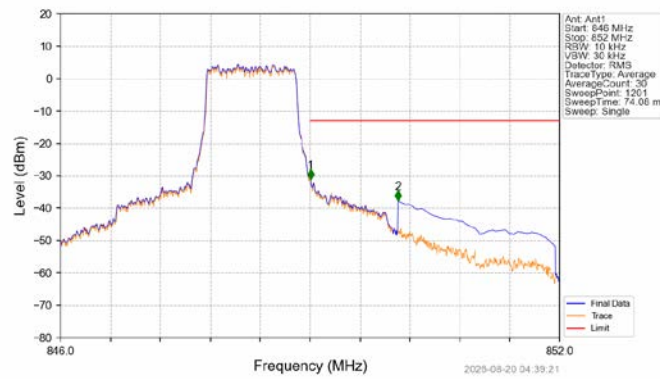


Band5 1.4MHz QPSK HCH 848.3MHz RB 1 5 NTV

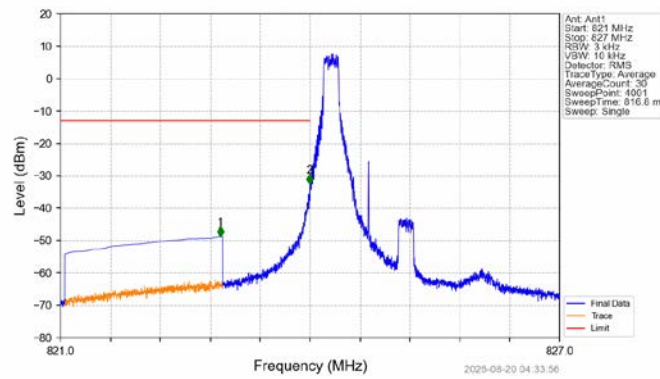


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.003	-28.32	-13	Pass
850	852	0.1	CHP	2	850.052	-47.56	-13	Pass

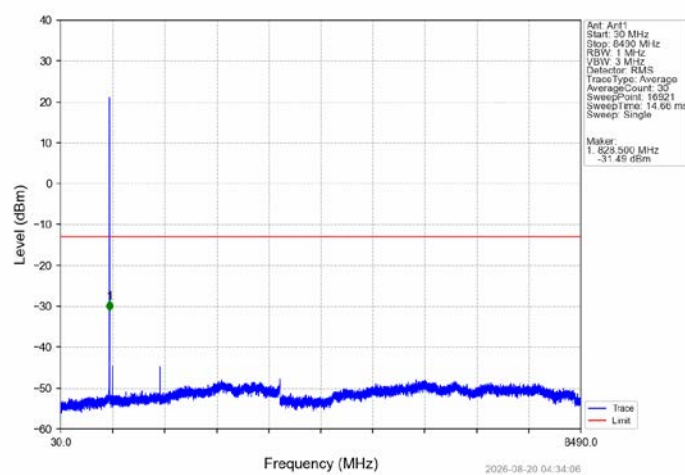
Band5 1.4MHz QPSK HCH 848.3MHz RB 6 0 NTNV



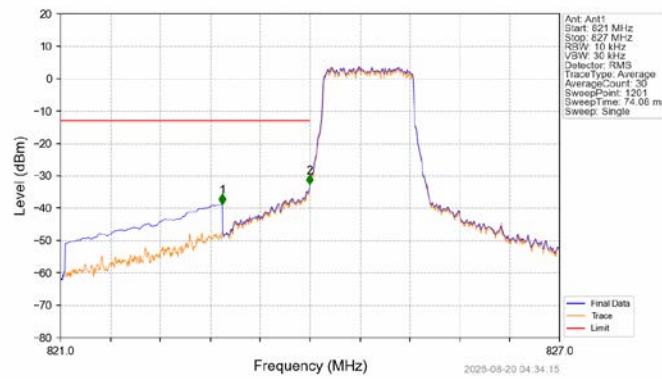
Band5 1.4MHz 16QAM LCH 824.7MHz RB 1 0 NTNV



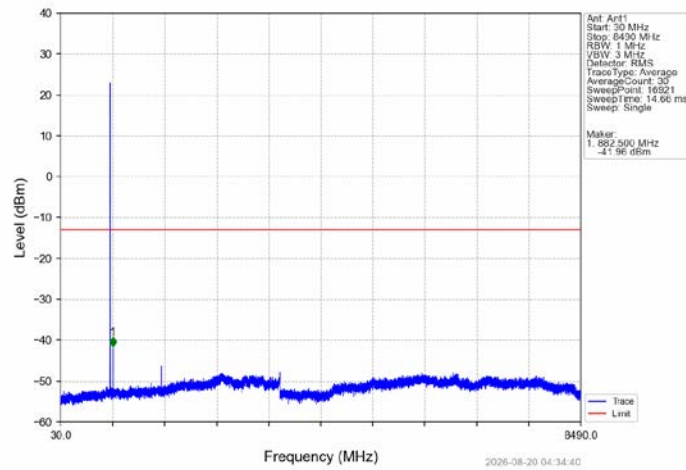
Band5 1.4MHz 16QAM LCH 824.7MHz RB 1 0 NTNV



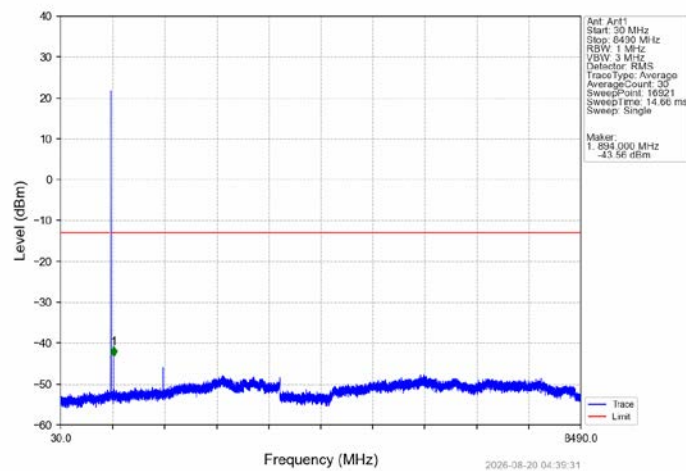
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



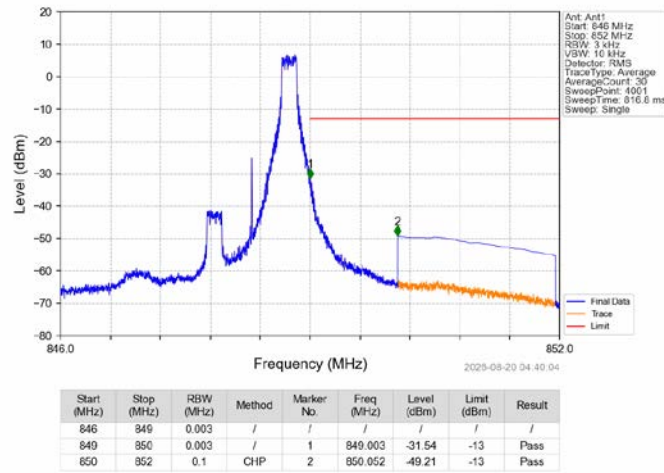
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



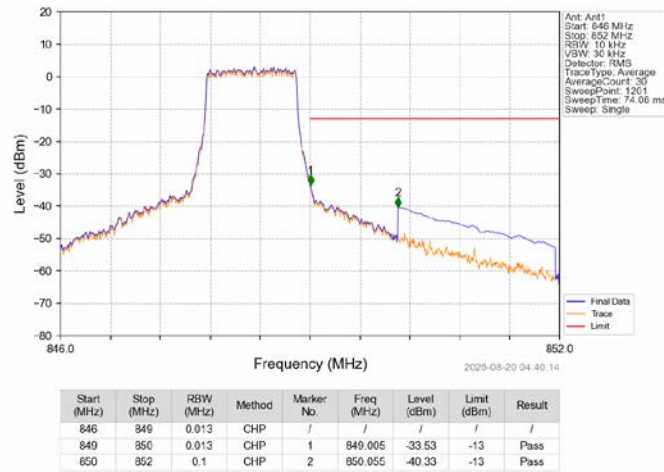
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_1_0_NTNV



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

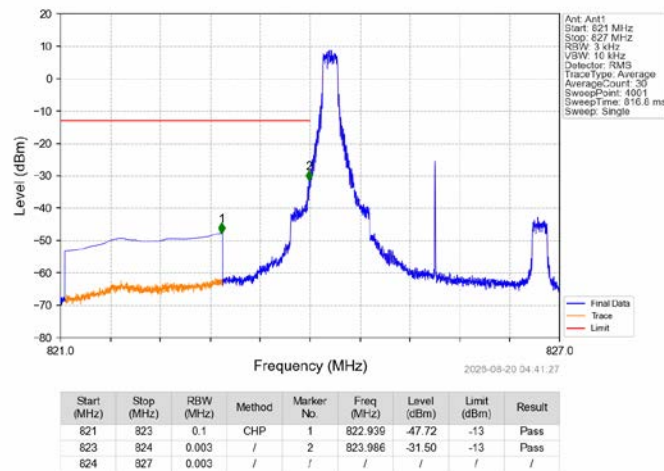


Band5 1.4MHz 16QAM HCH 848.3MHz RB 6 0 NTNV

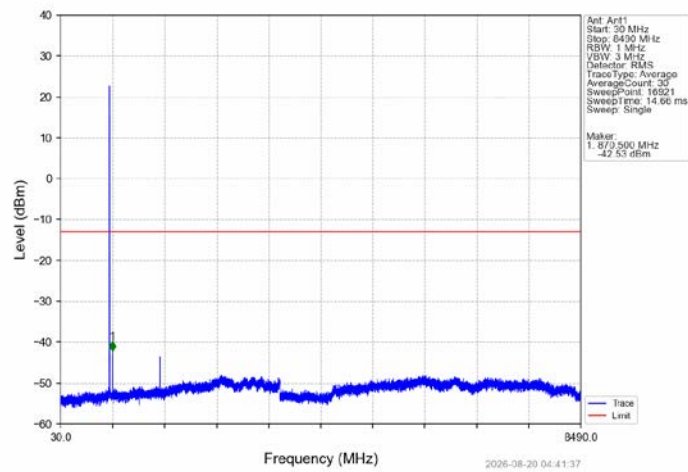


5.2.2 B5_3MHz

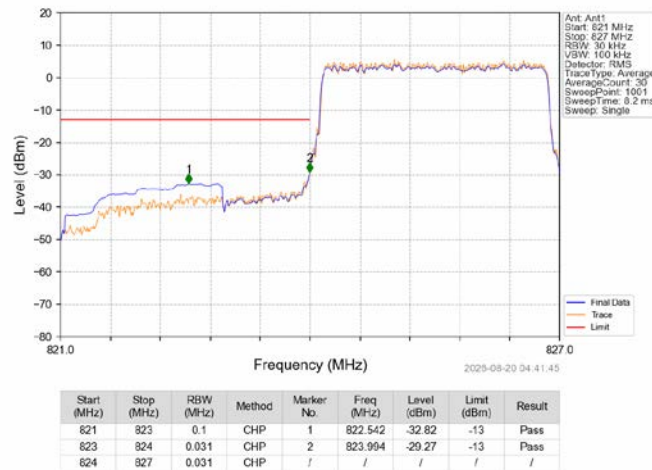
Band5 3MHz QPSK LCH 825.5MHz RB 1 0 NTNV



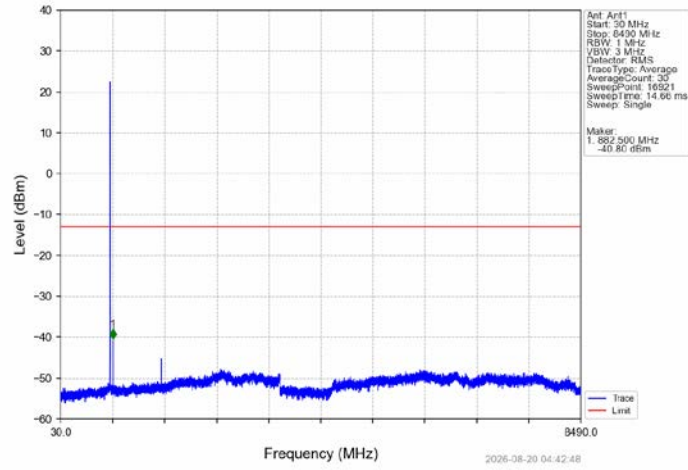
Band5_3MHz_QPSK_LCH_825.5MHz_RB_1_0_NTNV



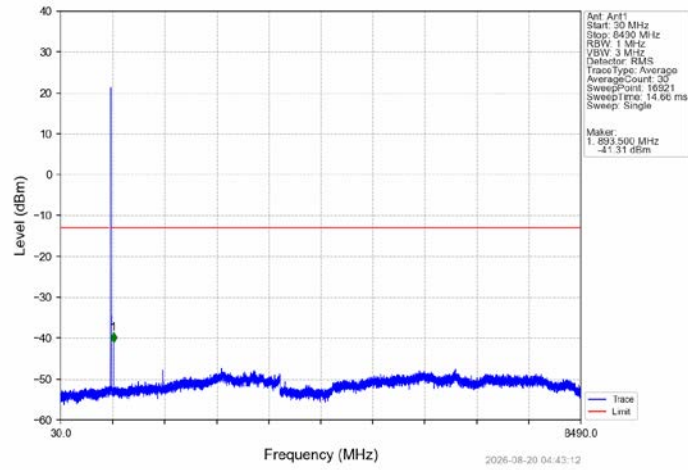
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



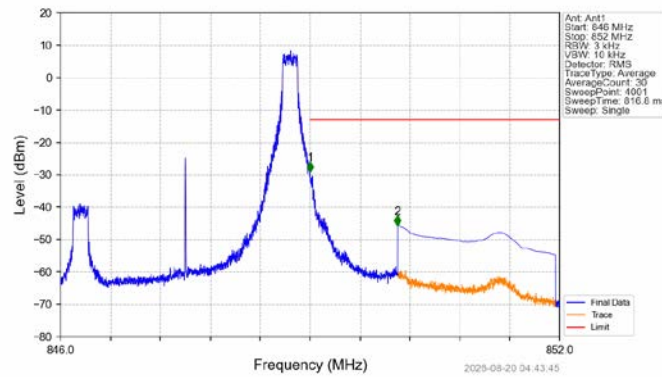
Band5_3MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_0_NTNV

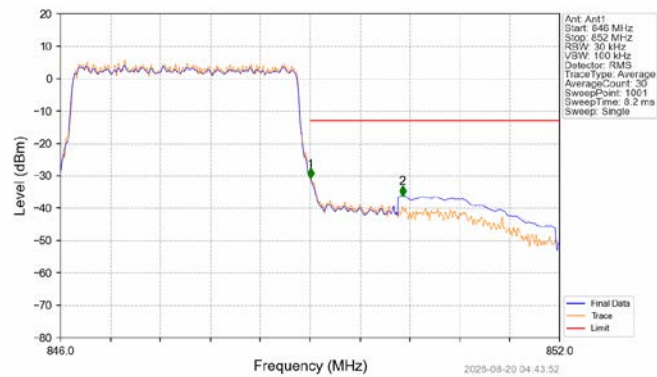


Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_14_NTNV



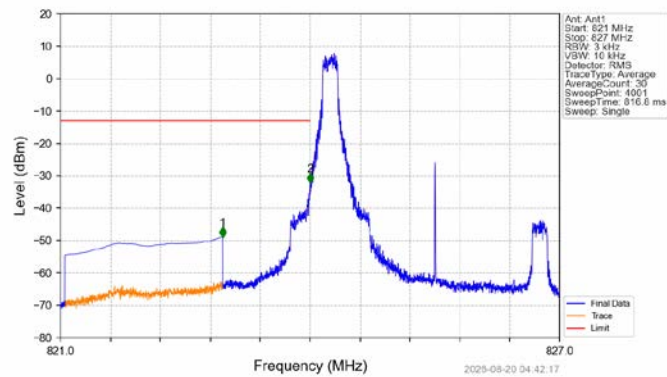
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.001	-20.18	-13	Pass
850	852	0.1	CHP	2	850.052	-45.64	-13	Pass

Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



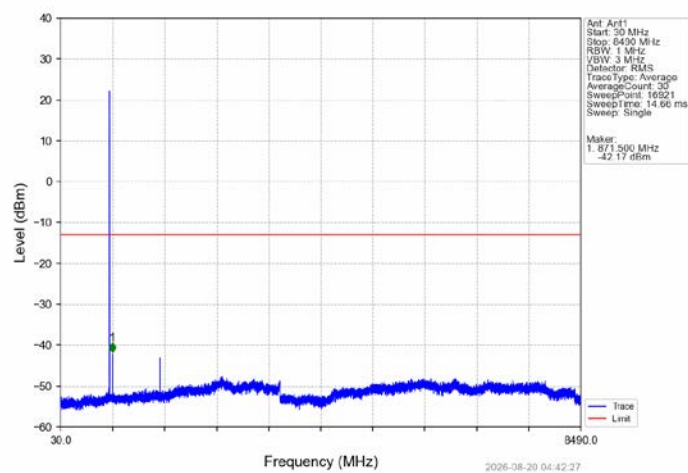
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.031	CHP	/	/	/	/	/
849	850	0.031	CHP	1	849.006	-30.71	-13	Pass
850	852	0.1	CHP	2	850.110	-36.14	-13	Pass

Band5_3MHz_16QAM_LCH_825.5MHz_RB_1_0_NTNV

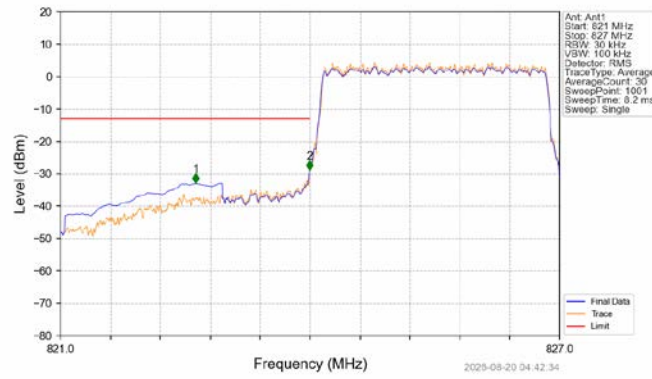


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.948	-48.94	-13	Pass
823	824	0.003	/	2	823.996	-32.24	-13	Pass
824	827	0.003	/	/	/	/	/	/

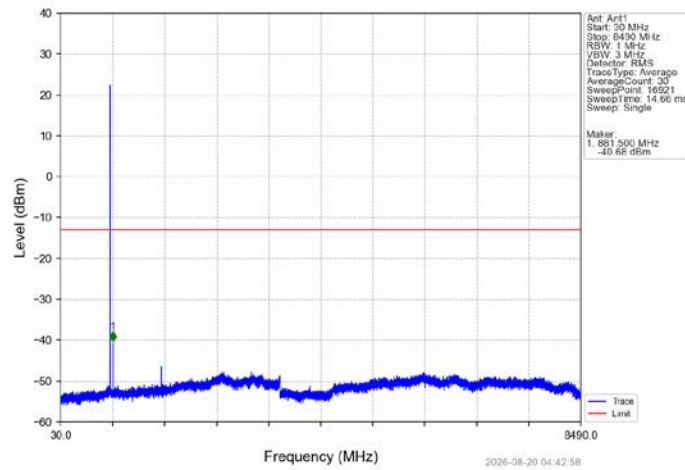
Band5_3MHz_16QAM_LCH_825.5MHz_RB_1_0_NTNV



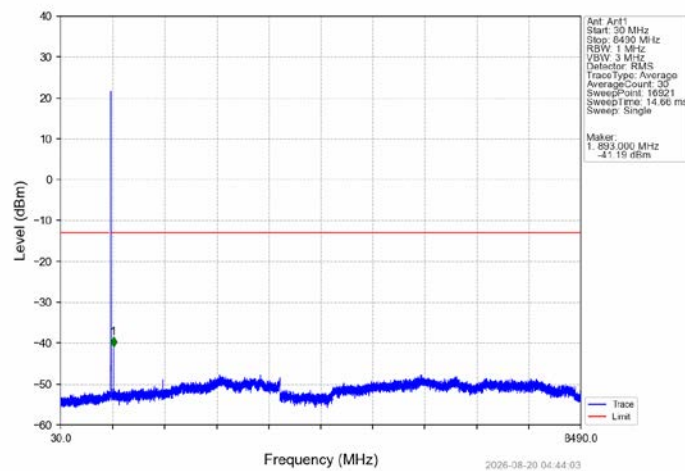
Band5 3MHz 16QAM LCH 825.5MHz RB 15 0 NTNV



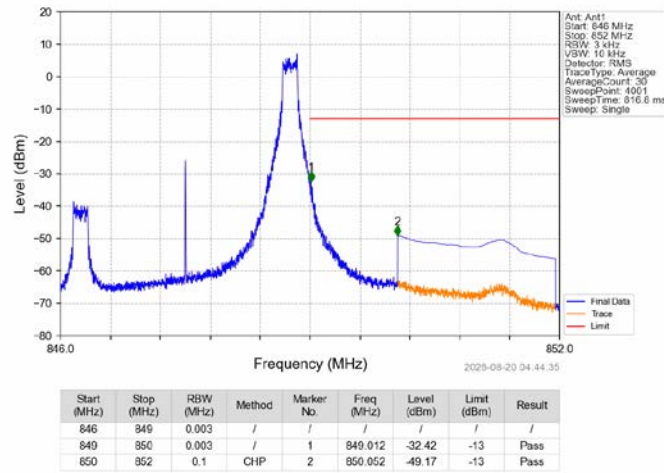
Band5 3MHz 16QAM MCH 836.5MHz RB 1 0 NTNV



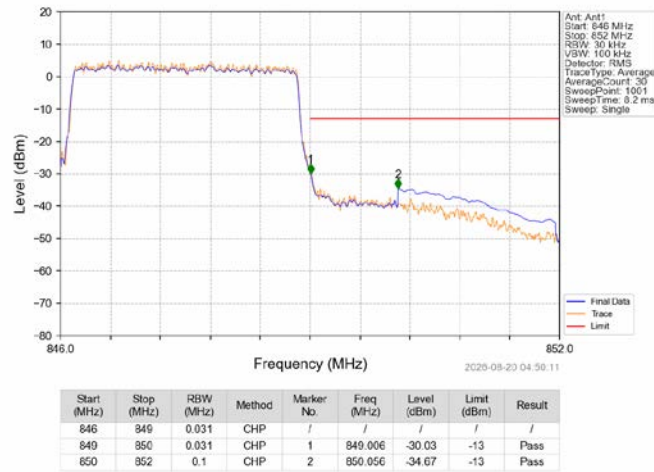
Band5 3MHz 16QAM HCH 847.5MHz RB 1 0 NTNV



Band5_3MHz_16QAM_HCH_847.5MHz_RB_1_14_NTNV

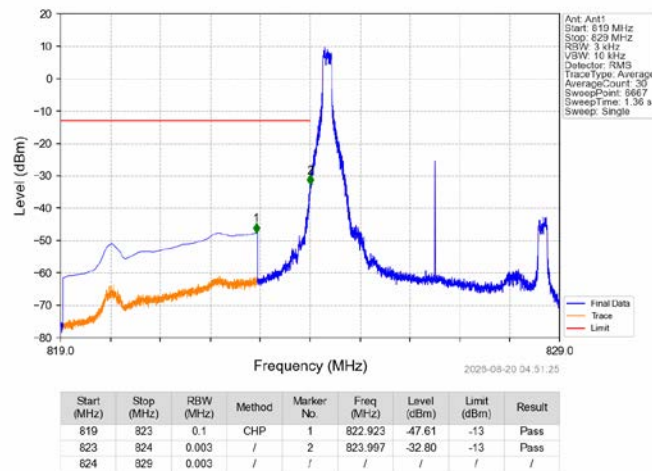


Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV

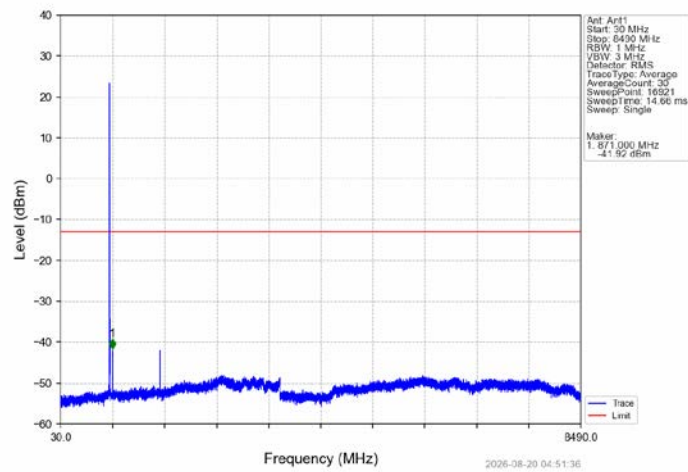


5.2.3 B5_5MHz

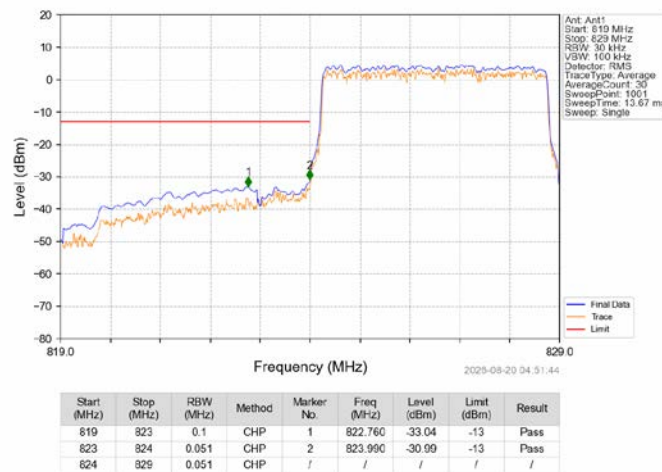
Band5_5MHz_QPSK_LCH_826.5MHz_RB_1_0_NTNV



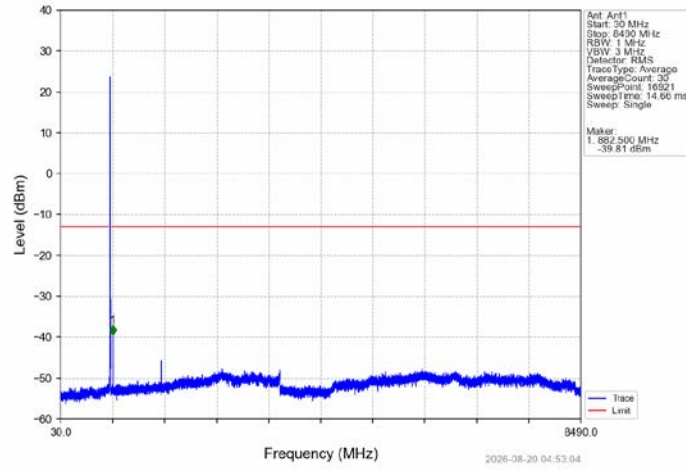
Band5_5MHz_QPSK_LCH_826.5MHz_RB_1_0_NTNV



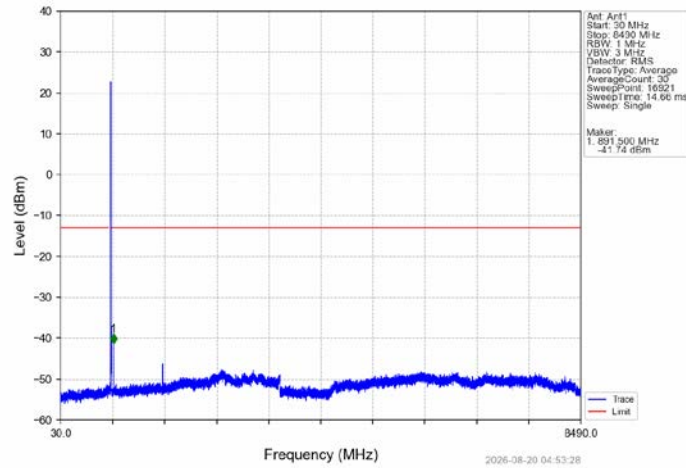
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



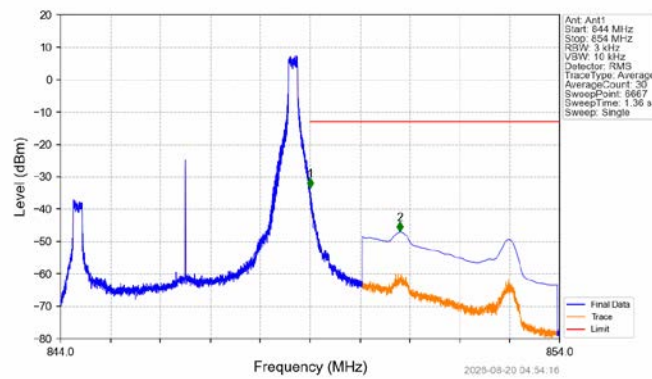
Band5_5MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_0_NTNV

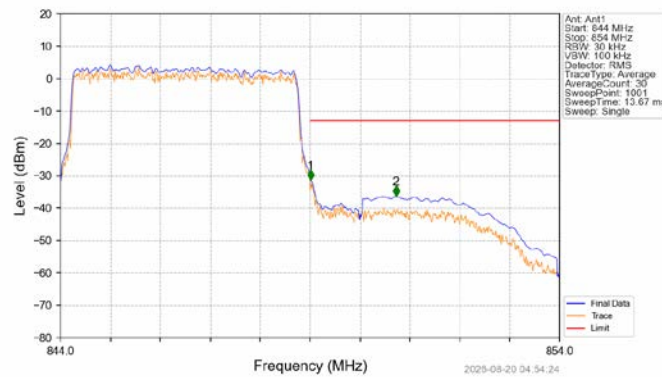


Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_24_NTNV



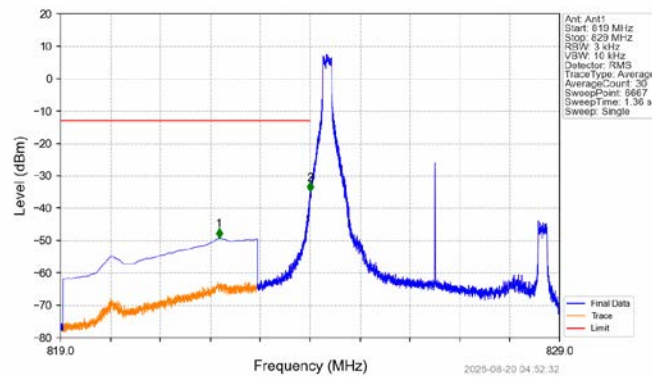
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.003	/	1	849.001	-33.51	-13	Pass
849	850	0.003	/	1	849.001	-33.51	-13	Pass
850	854	0.1	CHP	2	850.800	-46.93	-13	Pass

Band5 5MHz QPSK HCH 846.5MHz RB 25 0 NTN



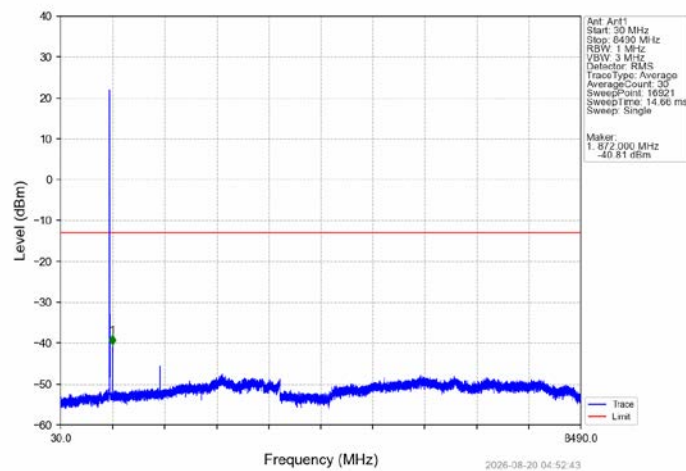
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.051	CHP	/	/	/	/	/
849	850	0.051	CHP	1	849.010	-31.26	-13	Pass
850	854	0.1	CHP	2	850.720	-36.30	-13	Pass

Band5 5MHz 16QAM LCH 826.5MHz RB 1 0 NTN

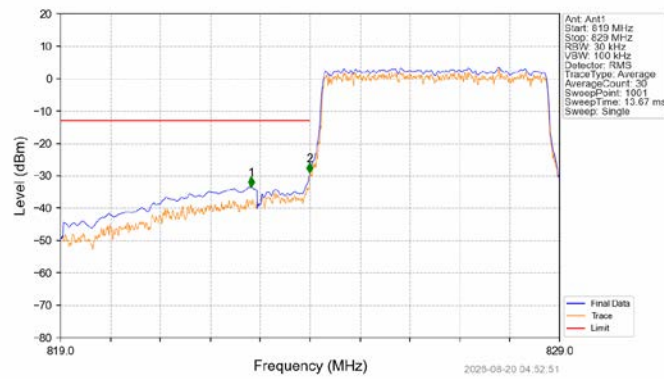


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.176	-49.25	-13	Pass
823	824	0.003	/	2	823.996	-34.99	-13	Pass
824	826	0.003	/	/	/	/	/	/

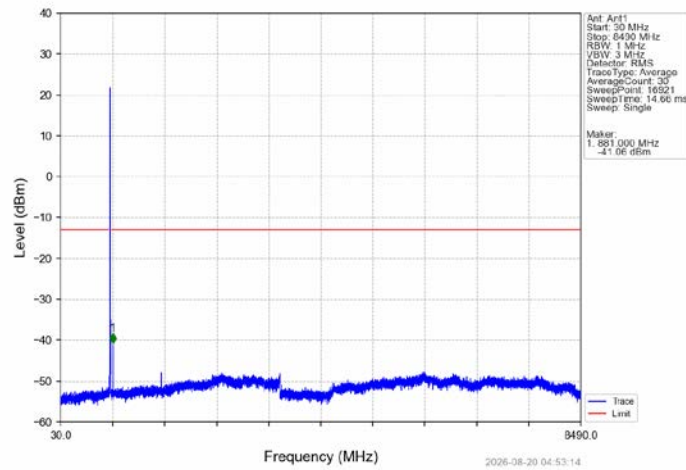
Band5 5MHz 16QAM LCH 826.5MHz RB 1 0 NTN



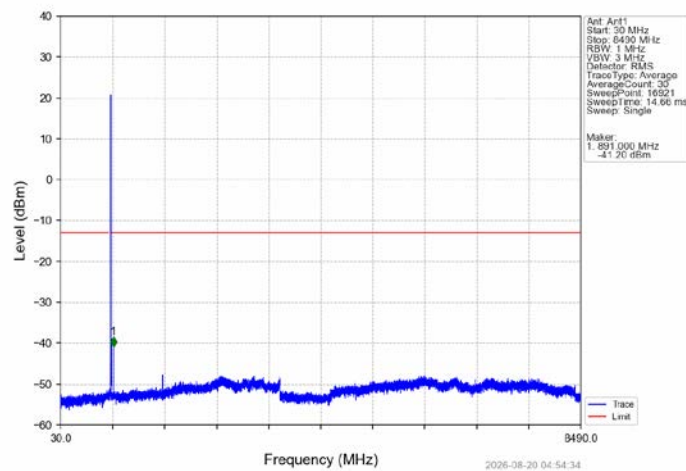
Band5 5MHz 16QAM LCH 826.5MHz RB 25 0 NTNV



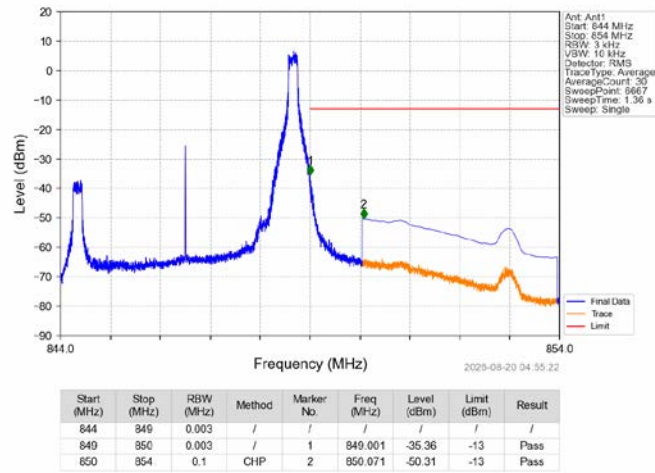
Band5 5MHz 16QAM MCH 836.5MHz RB 1 0 NTNV



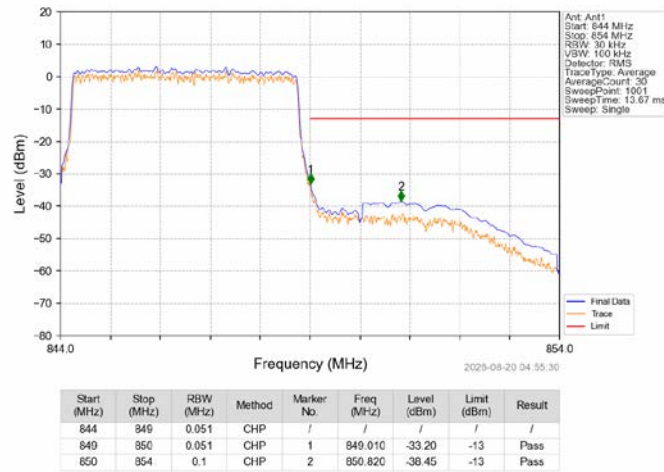
Band5 5MHz 16QAM HCH 846.5MHz RB 1 0 NTNV



Band5 5MHz 16QAM HCH 846.5MHz RB 1 24 NTNV

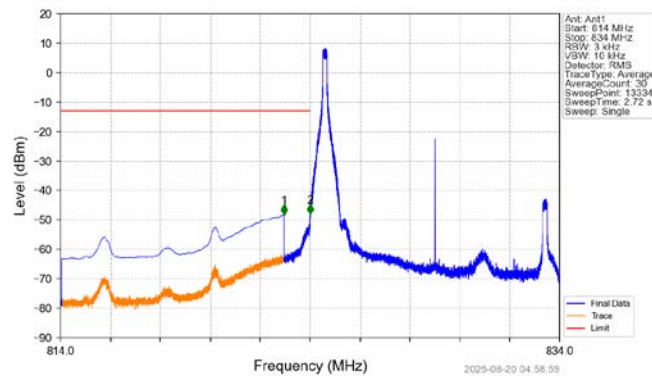


Band5 5MHz 16QAM HCH 846.5MHz RB 25 0 NTNV

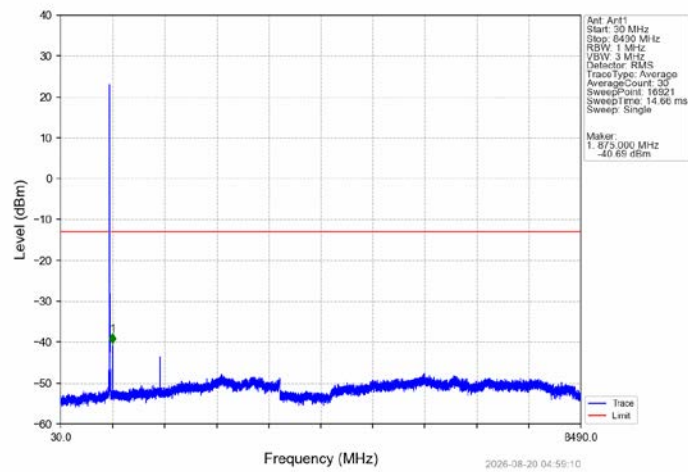


5.2.4 B5_10MHz

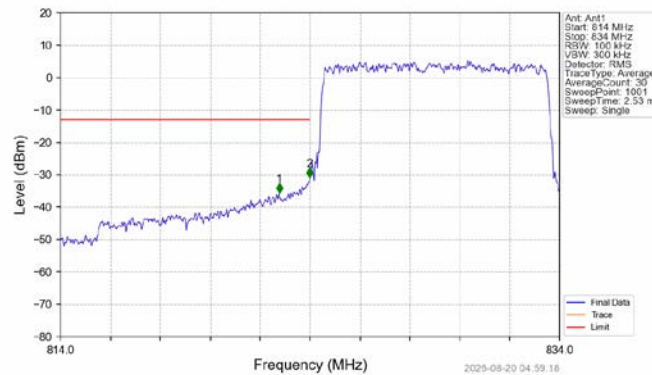
Band5 10MHz QPSK LCH 829MHz RB 1 0 NTNV



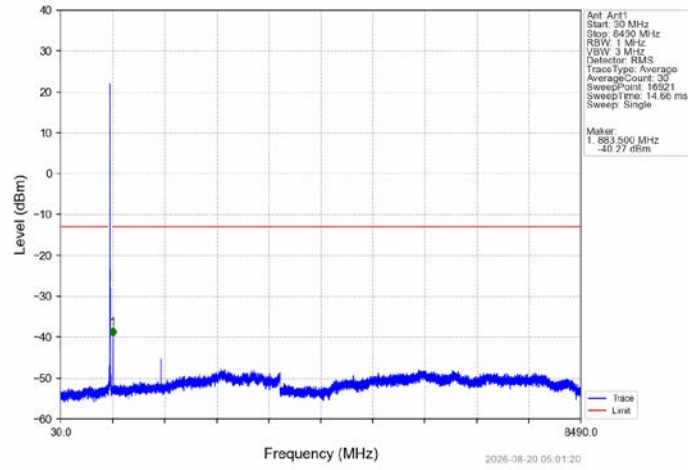
Band5_10MHz_QPSK_LCH_829MHz_RB_1_0_NTNV



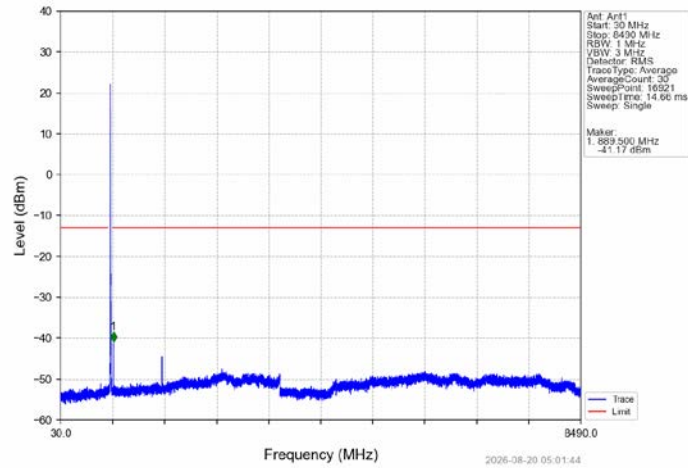
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



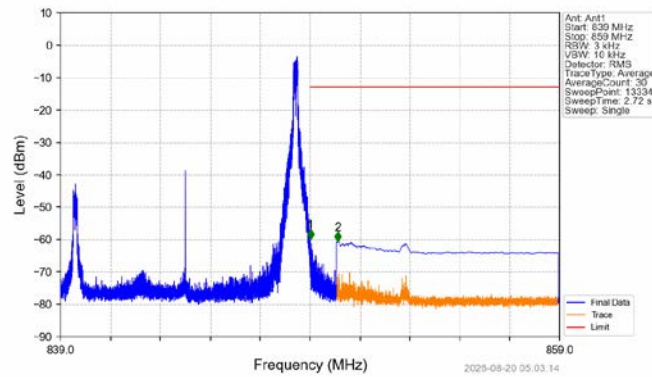
Band5_10MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5_10MHz_QPSK_HCH_844MHz_RB_1_0_NTNV

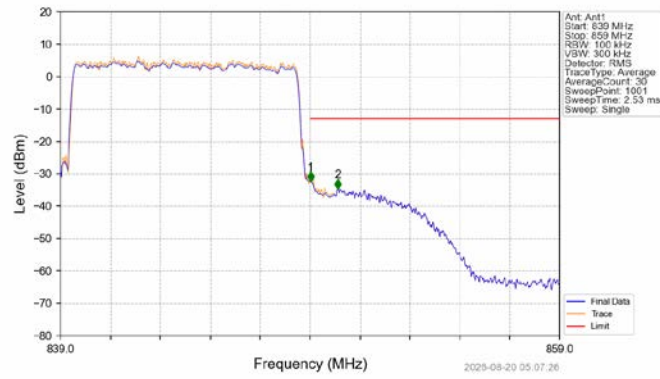


Band5_10MHz_QPSK_HCH_844MHz_RB_1_49_NTNV



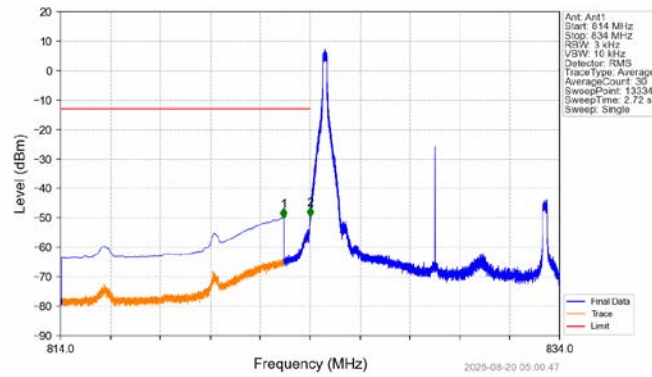
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
839	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.014	-59.84	-13	Pass
850	859	0.1	CHP	2	850.121	-60.58	-13	Pass

Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



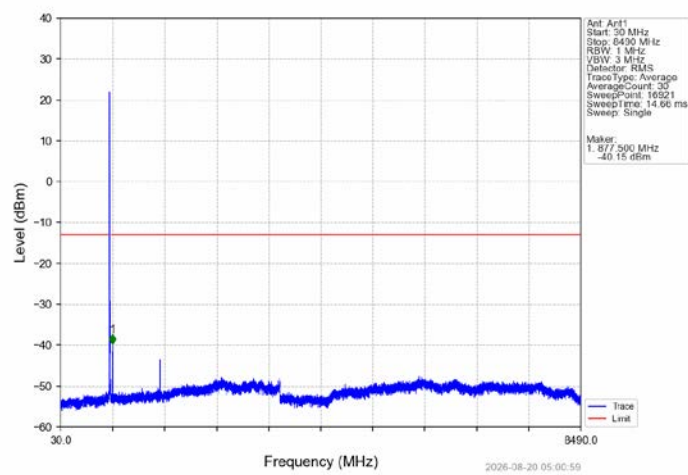
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
839	849	0.101	CHP	/	/	/	/	/
849	850	0.101	CHP	1	849.020	-32.36	-13	Pass
850	859	0.1	/	2	850.120	-34.68	-13	Pass

Band5_10MHz_16QAM_LCH_829MHz_RB_1_0_NTNV

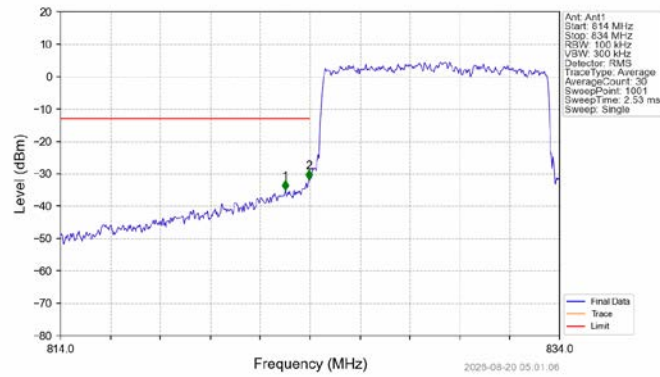


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	823	0.1	CHP	1	823.940	-49.99	-13	Pass
823	824	0.003	/	2	823.996	-49.76	-13	Pass
824	834	0.003	/	/	/	/	/	/

Band5_10MHz_16QAM_LCH_829MHz_RB_1_0_NTNV

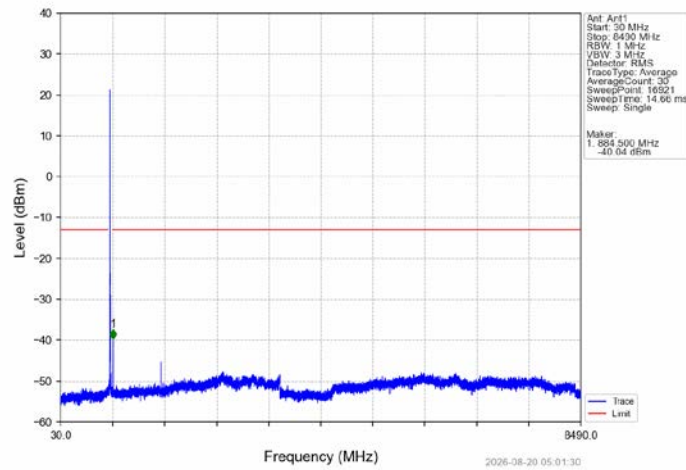


Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV

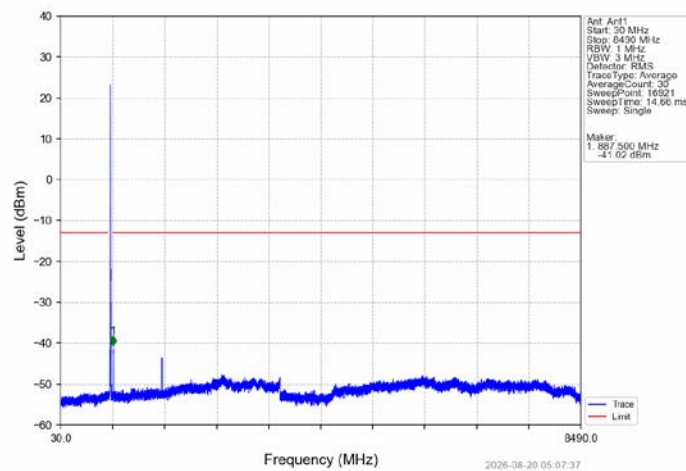


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	823	0.1	/	1	823.000	-35.22	-13	Pass
823	824	0.1	/	2	823.960	-31.77	-13	Pass
824	834	0.1	/	/	/	/	/	/

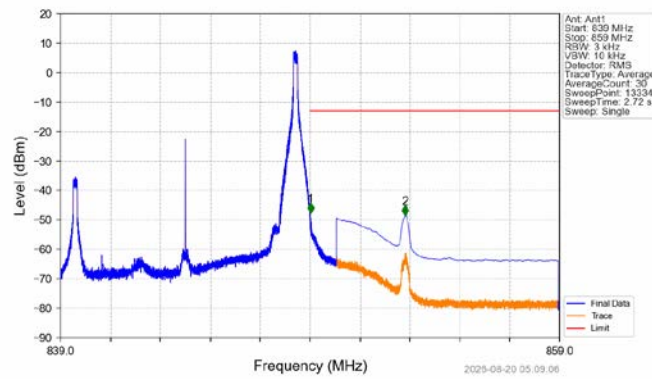
Band5_10MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_1_0_NTNV

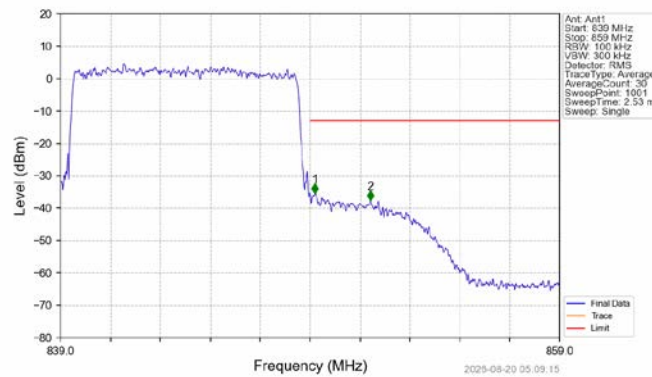


Band5 10MHz 16QAM HCH 844MHz RB 1 49 NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
839	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.014	-47.71	-13	Pass
850	859	0.1	CHP	2	852.812	-48.49	-13	Pass

Band5 10MHz 16QAM HCH 844MHz RB 50 0 NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
839	849	0.1	/	/	/	/	/	/
849	850	0.1	/	1	849.200	-35.44	-13	Pass
850	859	0.1	/	2	851.420	-37.76	-13	Pass