1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B40a_5MHz_EIRP

Band: 40a / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2307.5	1	0	21.20	-0.21	20.99	<=23.98	Pass
			13	21.28	-0.21	21.07	<=23.98	Pass
			24	21.29	-0.21	21.08	<=23.98	Pass
		12	0	20.47	-0.21	20.26	<=23.98	Pass
			6	20.60	-0.21	20.39	<=23.98	Pass
			13	20.63	-0.21	20.42	<=23.98	Pass
		25	0	20.62	-0.21	20.41	<=23.98	Pass
	2310	1	0	21.66	-0.21	21.45	<=23.98	Pass
			13	21.64	-0.21	21.43	<=23.98	Pass
			24	21.58	-0.21	21.37	<=23.98	Pass
		12	0	20.68	-0.21	20.47	<=23.98	Pass
			6	20.61	-0.21	20.4	<=23.98	Pass
			13	20.58	-0.21	20.37	<=23.98	Pass
		25	0	20.64	-0.21	20.43	<=23.98	Pass
	2312.5	1	0	21.64	-0.21	21.43	<=23.98	Pass
			13	21.57	-0.21	21.36	<=23.98	Pass
			24	21.66	-0.21	21.45	<=23.98	Pass
		12	0	20.62	-0.21	20.41	<=23.98	Pass
			6	20.58	-0.21	20.37	<=23.98	Pass
			13	20.70	-0.21	20.49	<=23.98	Pass
		25	0	20.60	-0.21	20.39	<=23.98	Pass
16QAM	2307.5	1	0	20.45	-0.21	20.24	<=23.98	Pass
			13	20.54	-0.21	20.33	<=23.98	Pass
			24	21.34	-0.21	21.13	<=23.98	Pass
		12	0	19.60	-0.21	19.39	<=23.98	Pass
			6	19.68	-0.21	19.47	<=23.98	Pass
			13	19.57	-0.21	19.36	<=23.98	Pass
		25	0	19.70	-0.21	19.49	<=23.98	Pass
	2310	1	0	21.22	-0.21	21.01	<=23.98	Pass
			13	20.48	-0.21	20.27	<=23.98	Pass
			24	20.59	-0.21	20.38	<=23.98	Pass
		12	0	19.54	-0.21	19.33	<=23.98	Pass
			6	19.78	-0.21	19.57	<=23.98	Pass
			13	19.56	-0.21	19.35	<=23.98	Pass
		25	0	19.70	-0.21	19.49	<=23.98	Pass
	2312.5	1	0	20.59	-0.21	20.38	<=23.98	Pass
			13	21.32	-0.21	21.11	<=23.98	Pass
			24	20.55	-0.21	20.34	<=23.98	Pass
		12	0	19.62	-0.21	19.41	<=23.98	Pass
			6	19.48	-0.21	19.27	<=23.98	Pass
			13	19.65	-0.21	19.44	<=23.98	Pass
		25	0	19.81	-0.21	19.6	<=23.98	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.2 B40a_10MHz_EIRP

Band: 40a / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2310	1	0	21.59	-0.21	21.38	<=23.98	Pass
			25	21.64	-0.21	21.43	<=23.98	Pass
			49	21.77	-0.21	21.56	<=23.98	Pass
		25	0	20.64	-0.21	20.43	<=23.98	Pass
			13	20.61	-0.21	20.4	<=23.98	Pass
			25	20.65	-0.21	20.44	<=23.98	Pass
		50	0	20.71	-0.21	20.5	<=23.98	Pass
16QAM	2310	1	0	20.41	-0.21	20.2	<=23.98	Pass
			25	20.81	-0.21	20.6	<=23.98	Pass
			49	21.49	-0.21	21.28	<=23.98	Pass
		25	0	19.89	-0.21	19.68	<=23.98	Pass
			13	19.68	-0.21	19.47	<=23.98	Pass
			25	19.93	-0.21	19.72	<=23.98	Pass
		50	0	19.83	-0.21	19.62	<=23.98	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

2. Frequency Stability

2.1 Test Result

2.1.1 B40a_5MHz

Band: 40a / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2307.5	25	0	20	3.27	19.312	0.0084	-2.5 to 2.5	Pass
					3.85	-32.115	-0.0139	-2.5 to 2.5	Pass
					4.43	-42.501	-0.0184	-2.5 to 2.5	Pass
				-30	3.85	-12.302	-0.0053	-2.5 to 2.5	Pass
				-20	3.85	-31.972	-0.0139	-2.5 to 2.5	Pass
				-10	3.85	-43.530	-0.0189	-2.5 to 2.5	Pass
				0	3.85	-50.640	-0.0219	-2.5 to 2.5	Pass
				10	3.85	-5.279	-0.0023	-2.5 to 2.5	Pass
				30	3.85	-47.679	-0.0207	-2.5 to 2.5	Pass
				40	3.85	-39.711	-0.0172	-2.5 to 2.5	Pass
				50	3.85	-9.427	-0.0041	-2.5 to 2.5	Pass
	2310	25	0	20	3.27	23.546	0.0102	-2.5 to 2.5	Pass
					3.85	21.629	0.0094	-2.5 to 2.5	Pass
					4.43	-21.200	-0.0092	-2.5 to 2.5	Pass
				-30	3.85	-11.487	-0.0050	-2.5 to 2.5	Pass
				-20	3.85	-49.410	-0.0214	-2.5 to 2.5	Pass
				-10	3.85	15.721	0.0068	-2.5 to 2.5	Pass
				0	3.85	-9.427	-0.0041	-2.5 to 2.5	Pass
				10	3.85	-31.543	-0.0137	-2.5 to 2.5	Pass
				30	3.85	-17.810	-0.0077	-2.5 to 2.5	Pass
				40	3.85	7.367	0.0032	-2.5 to 2.5	Pass
				50	3.85	-10.886	-0.0047	-2.5 to 2.5	Pass
	2312.5	25	0	20	3.27	13.676	0.0059	-2.5 to 2.5	Pass
					3.85	21.687	0.0094	-2.5 to 2.5	Pass
					4.43	-10.071	-0.0044	-2.5 to 2.5	Pass
				-30	3.85	-15.707	-0.0068	-2.5 to 2.5	Pass

				-20	3.85	-29.440	-0.0127	-2.5 to 2.5	Pass
				-10	3.85	-33.531	-0.0145	-2.5 to 2.5	Pass
				0	3.85	36.206	0.0157	-2.5 to 2.5	Pass
				10	3.85	4.563	0.0020	-2.5 to 2.5	Pass
				30	3.85	-17.610	-0.0076	-2.5 to 2.5	Pass
				40	3.85	-28.639	-0.0124	-2.5 to 2.5	Pass
				50	3.85	-1.988	-0.0009	-2.5 to 2.5	Pass
16QAM	2307.5	25	0	20	3.27	32.487	0.0141	-2.5 to 2.5	Pass
					3.85	-9.055	-0.0039	-2.5 to 2.5	Pass
					4.43	21.744	0.0094	-2.5 to 2.5	Pass
				-30	3.85	12.960	0.0056	-2.5 to 2.5	Pass
				-20	3.85	7.782	0.0034	-2.5 to 2.5	Pass
				-10	3.85	11.473	0.0050	-2.5 to 2.5	Pass
				0	3.85	12.989	0.0056	-2.5 to 2.5	Pass
				10	3.85	4.535	0.0020	-2.5 to 2.5	Pass
				30	3.85	29.926	0.0130	-2.5 to 2.5	Pass
				40	3.85	21.429	0.0093	-2.5 to 2.5	Pass
				50	3.85	10.986	0.0048	-2.5 to 2.5	Pass
	2310	25	0	20	3.27	19.226	0.0083	-2.5 to 2.5	Pass
					3.85	0.601	0.0003	-2.5 to 2.5	Pass
					4.43	3.004	0.0013	-2.5 to 2.5	Pass
				-30	3.85	-0.958	-0.0004	-2.5 to 2.5	Pass
				-20	3.85	0.916	0.0004	-2.5 to 2.5	Pass
				-10	3.85	-5.207	-0.0023	-2.5 to 2.5	Pass
				0	3.85	0.329	0.0001	-2.5 to 2.5	Pass
				10	3.85	-5.879	-0.0025	-2.5 to 2.5	Pass
				30	3.85	-5.150	-0.0022	-2.5 to 2.5	Pass
				40	3.85	-32.444	-0.0140	-2.5 to 2.5	Pass
				50	3.85	38.896	0.0168	-2.5 to 2.5	Pass
	2312.5	25	0	20	3.27	5.722	0.0025	-2.5 to 2.5	Pass
					3.85	42.443	0.0184	-2.5 to 2.5	Pass
					4.43	17.238	0.0075	-2.5 to 2.5	Pass
				-30	3.85	12.302	0.0053	-2.5 to 2.5	Pass
				-20	3.85	6.251	0.0027	-2.5 to 2.5	Pass
				-10	3.85	9.871	0.0043	-2.5 to 2.5	Pass
				0	3.85	5.422	0.0023	-2.5 to 2.5	Pass
				10	3.85	43.945	0.0190	-2.5 to 2.5	Pass
				30	3.85	50.583	0.0219	-2.5 to 2.5	Pass
				40	3.85	7.882	0.0034	-2.5 to 2.5	Pass
				50	3.85	12.760	0.0055	-2.5 to 2.5	Pass

2.1.2 B40a_10MHz

Band: 40a / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2310	50	0	20	3.27	-31.872	-0.0138	-2.5 to 2.5	Pass
					3.85	-36.306	-0.0157	-2.5 to 2.5	Pass
					4.43	-38.381	-0.0166	-2.5 to 2.5	Pass
				-30	3.85	-39.697	-0.0172	-2.5 to 2.5	Pass
				-20	3.85	-35.419	-0.0153	-2.5 to 2.5	Pass
				-10	3.85	-12.703	-0.0055	-2.5 to 2.5	Pass
				0	3.85	-29.411	-0.0127	-2.5 to 2.5	Pass
				10	3.85	-45.047	-0.0195	-2.5 to 2.5	Pass
				30	3.85	-10.285	-0.0045	-2.5 to 2.5	Pass
				40	3.85	-33.975	-0.0147	-2.5 to 2.5	Pass
				50	3.85	-30.828	-0.0133	-2.5 to 2.5	Pass

16QAM	2310	50	0	20	3.27	36.020	0.0156	-2.5 to 2.5	Pass
					3.85	44.074	0.0191	-2.5 to 2.5	Pass
					4.43	32.172	0.0139	-2.5 to 2.5	Pass
				-30	3.85	23.932	0.0104	-2.5 to 2.5	Pass
				-20	3.85	-31.915	-0.0138	-2.5 to 2.5	Pass
				-10	3.85	5.636	0.0024	-2.5 to 2.5	Pass
				0	3.85	-4.978	-0.0022	-2.5 to 2.5	Pass
				10	3.85	-4.578	-0.0020	-2.5 to 2.5	Pass
				30	3.85	22.087	0.0096	-2.5 to 2.5	Pass
				40	3.85	15.135	0.0066	-2.5 to 2.5	Pass
				50	3.85	1.545	0.0007	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B40a_5MHz

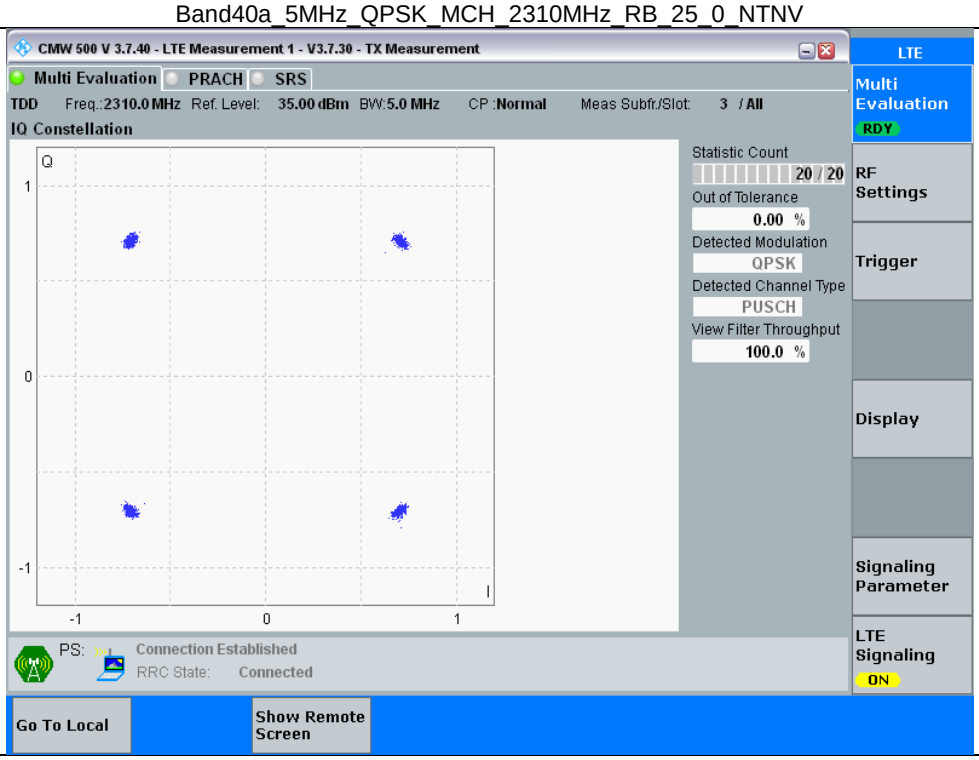
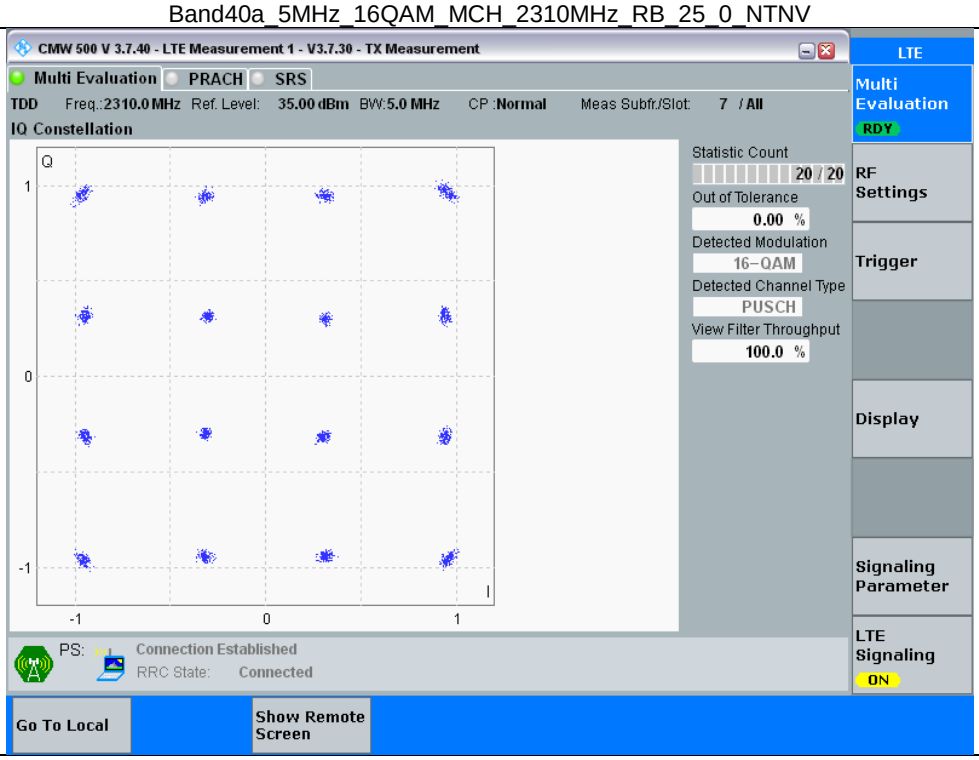
Band: 40a / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2310	25	0	Refer To Test Graph		Pass
16QAM	2310	25	0	Refer To Test Graph		Pass

3.1.2 B40a_10MHz

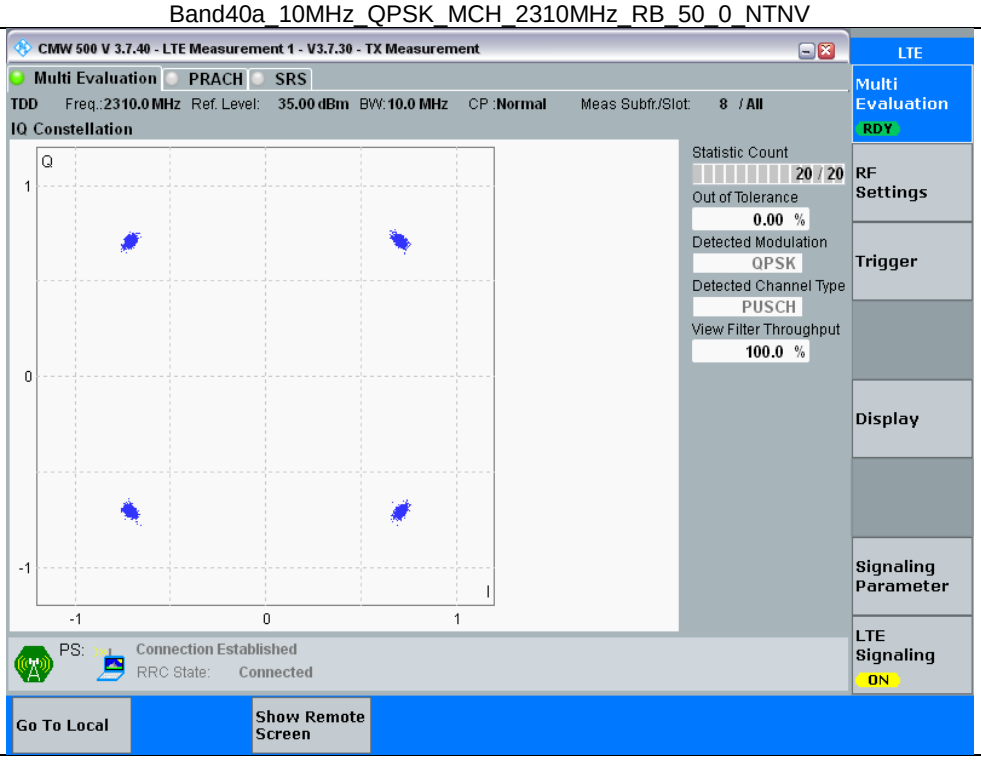
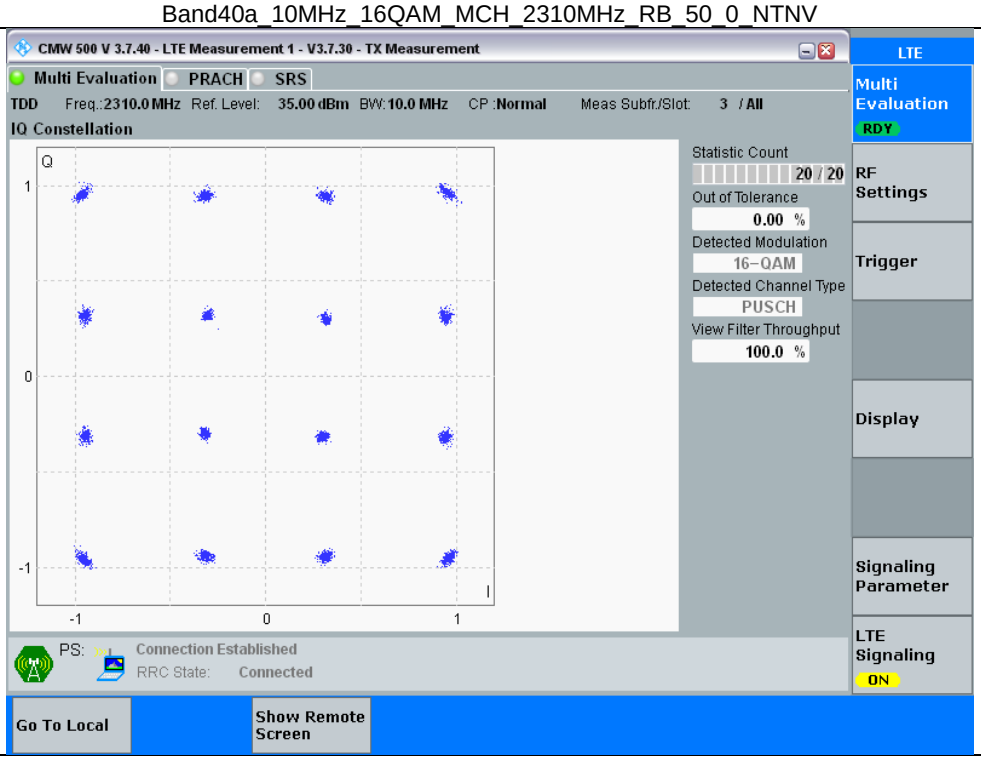
Band: 40a / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2310	50	0	Refer To Test Graph		Pass
16QAM	2310	50	0	Refer To Test Graph		Pass

3.2 Test Graph

3.2.1 B40a_5MHz

Band40a_5MHz_QPSK_MCH_2310MHz_RB_25_0_NTNV

Band40a_5MHz_16QAM_MCH_2310MHz_RB_25_0_NTNV


3.2.2 B40a_10MHz

Band40a_10MHz_QPSK_MCH_2310MHz_RB_50_0_NTNV

Band40a_10MHz_16QAM_MCH_2310MHz_RB_50_0_NTNV


4. 99% & 26dB Bandwidth

4.1 Test Result

4.1.1 Band40a_OBW

Band: 40a / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2307.5	25	0	4.518	/	Pass
		2310	25	0	4.548	/	Pass
		2312.5	25	0	4.544	/	Pass
	16QAM	2307.5	25	0	4.568	/	Pass
		2310	25	0	4.553	/	Pass
		2312.5	25	0	4.572	/	Pass
10	QPSK	2310	50	0	9.076	/	Pass
	16QAM	2310	50	0	9.107	/	Pass

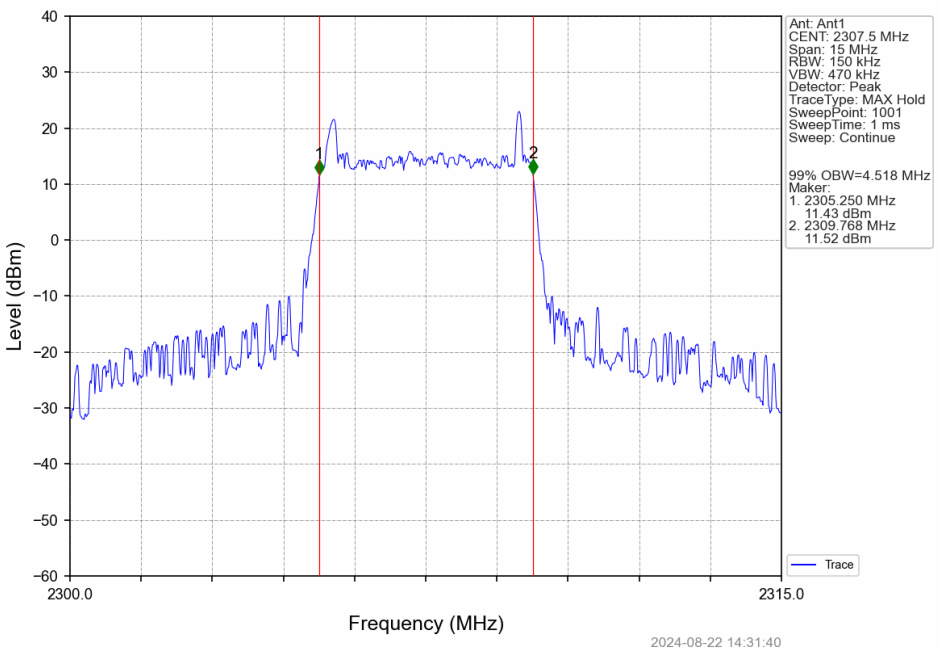
4.1.2 Band40a_XDB

Band: 40a / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2307.5	25	0	4.900	/	Pass
		2310	25	0	5.082	/	Pass
		2312.5	25	0	4.961	/	Pass
	16QAM	2307.5	25	0	5.480	/	Pass
		2310	25	0	5.172	/	Pass
		2312.5	25	0	5.125	/	Pass
10	QPSK	2310	50	0	9.735	/	Pass
	16QAM	2310	50	0	10.563	/	Pass

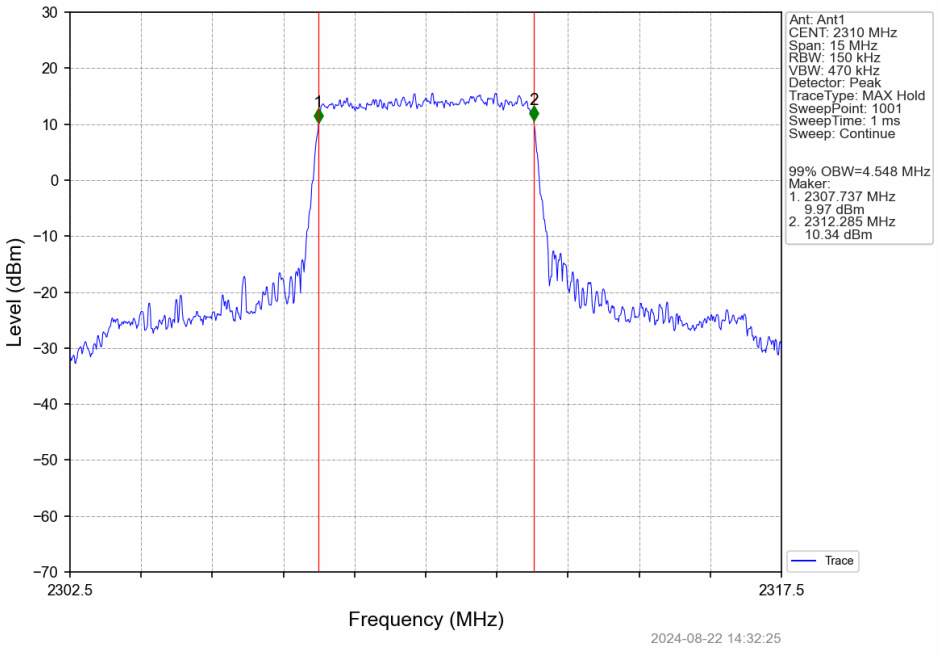
4.2 Test Graph

4.2.1 Band40a_OBW

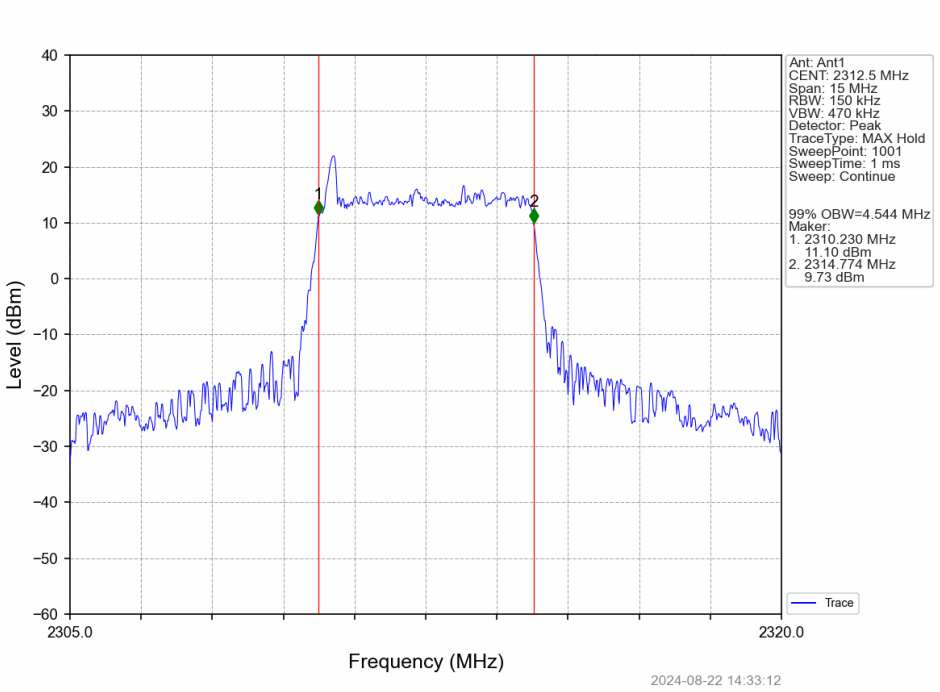
Band40a_5MHz_QPSK_LCH_2307.5MHz_RB_25_0_NTNV



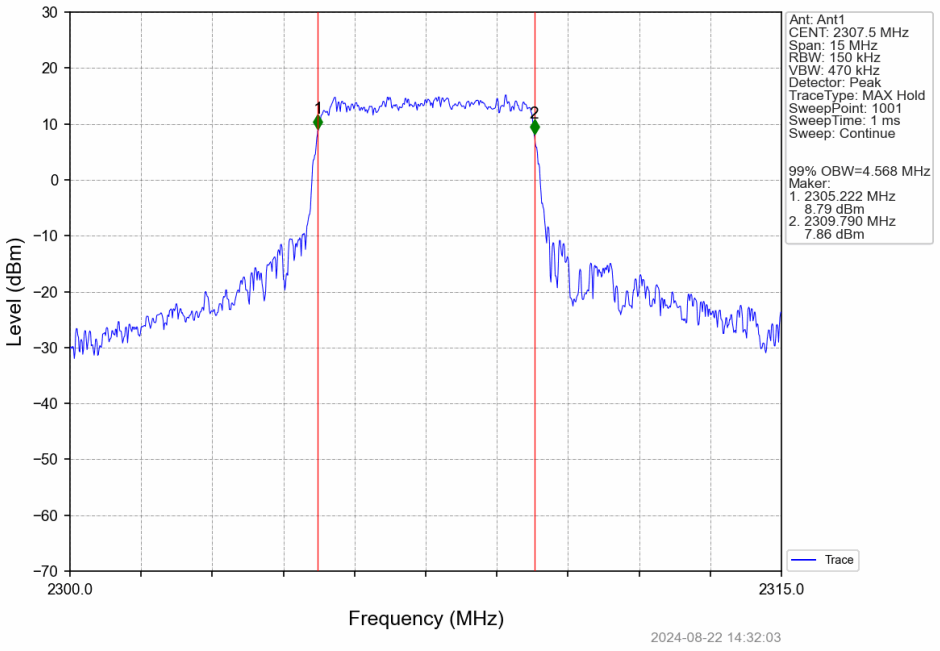
Band40a_5MHz_QPSK_MCH_2310MHz_RB_25_0_NTNV



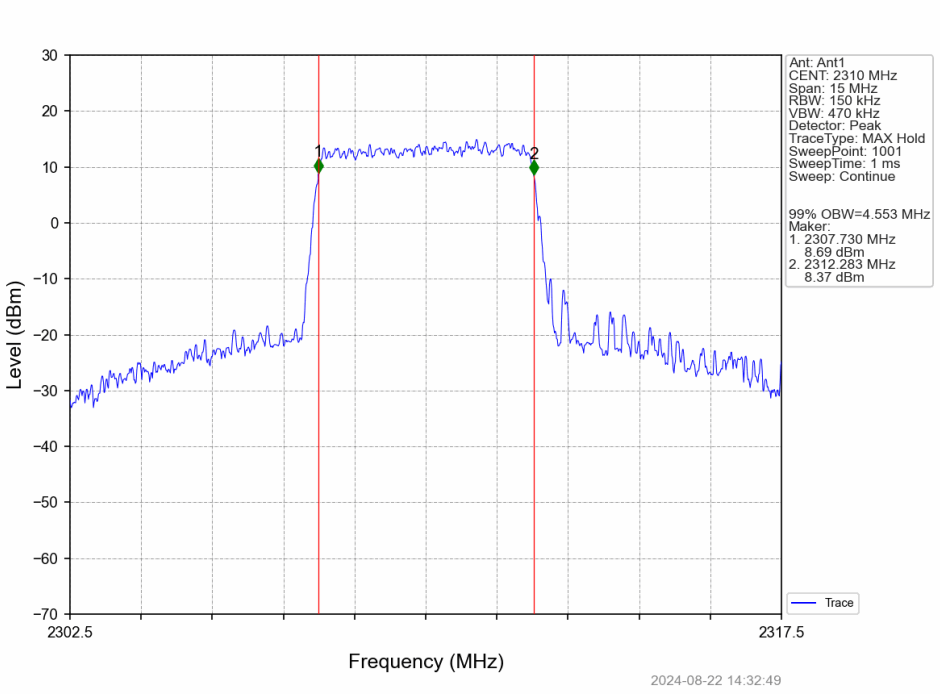
Band40a_5MHz_QPSK_HCH_2312.5MHz_RB_25_0_NTNV



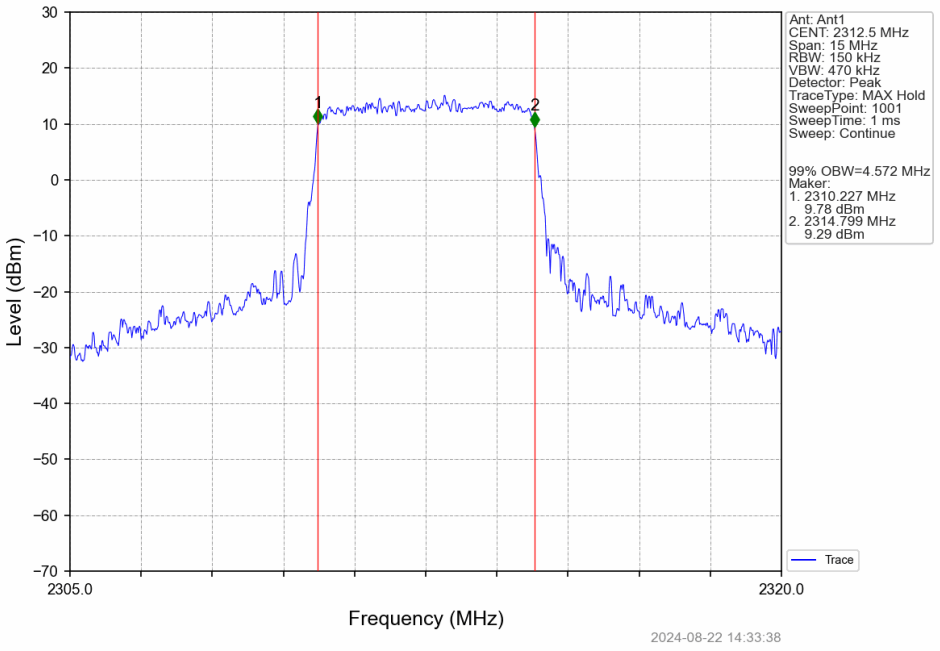
Band40a_5MHz_16QAM_LCH_2307.5MHz_RB_25_0_NTNV



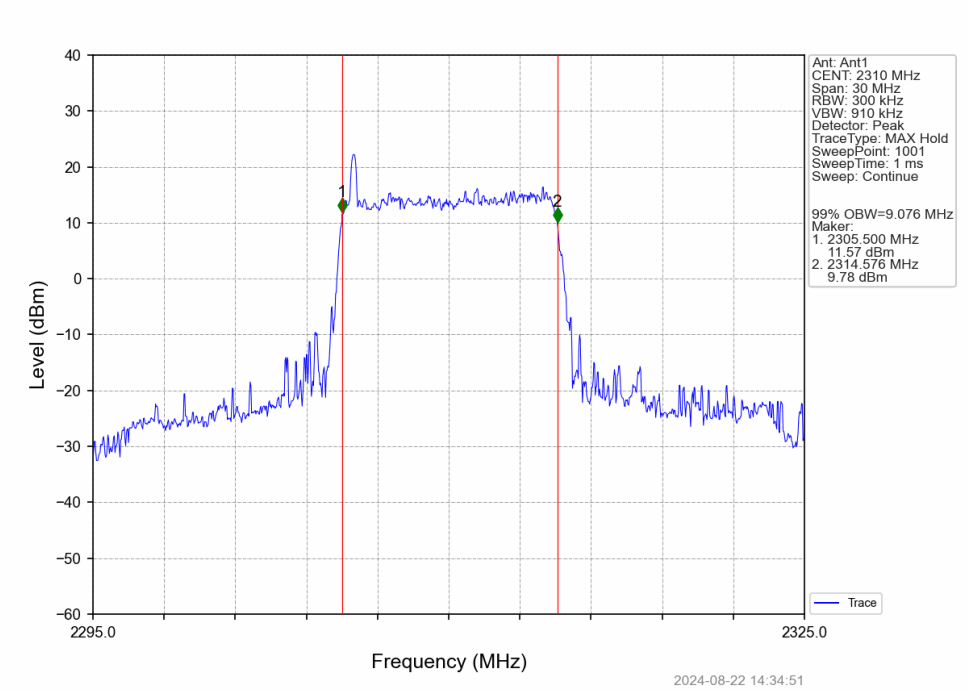
Band40a_5MHz_16QAM_MCH_2310MHz_RB_25_0_NTNV



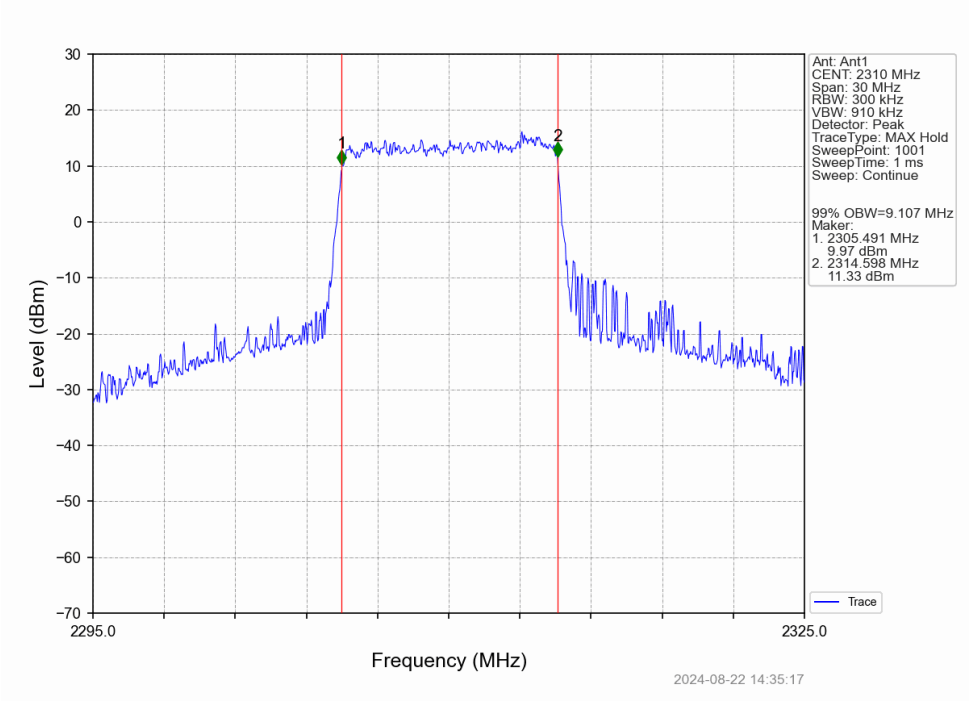
Band40a_5MHz_16QAM_HCH_2312.5MHz_RB_25_0_NTNV



Band40a_10MHz_QPSK_MCH_2310MHz_RB_50_0_NTNV

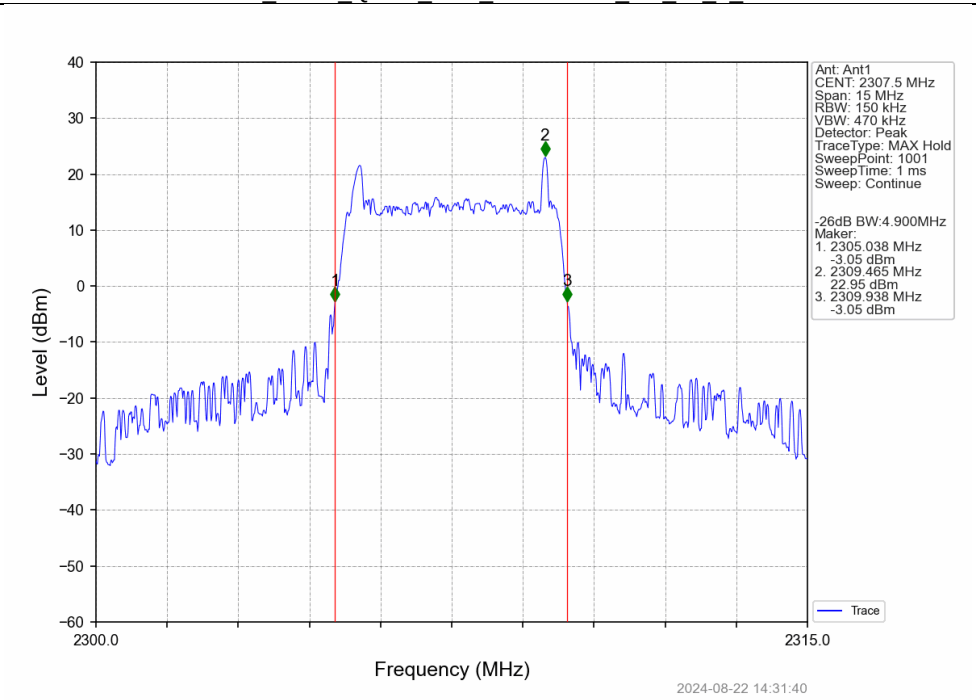


Band40a_10MHz_16QAM_MCH_2310MHz_RB_50_0_NTNV

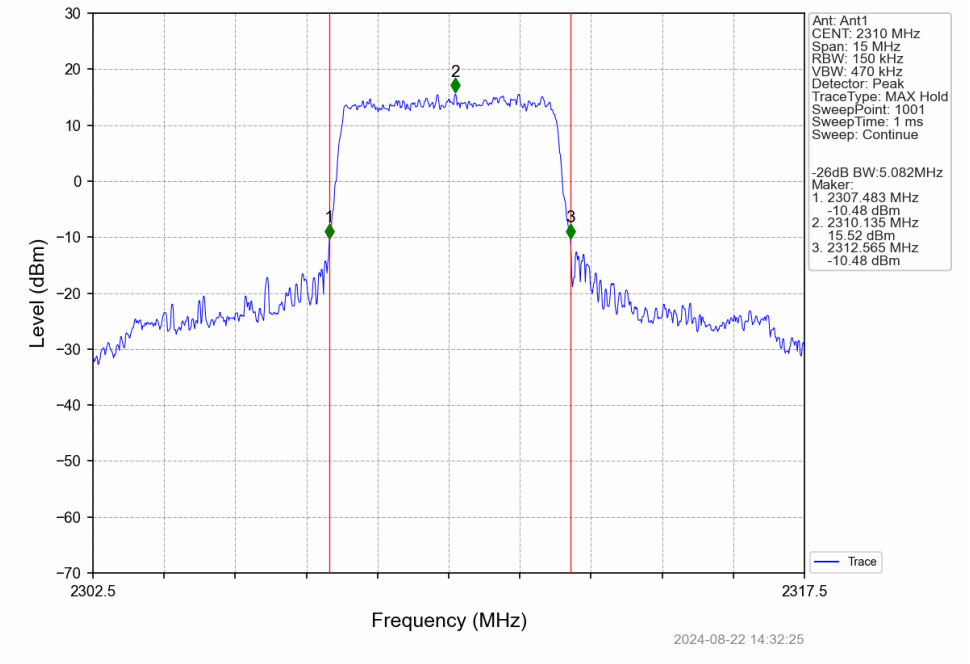


4.2.2 Band40a_XDB

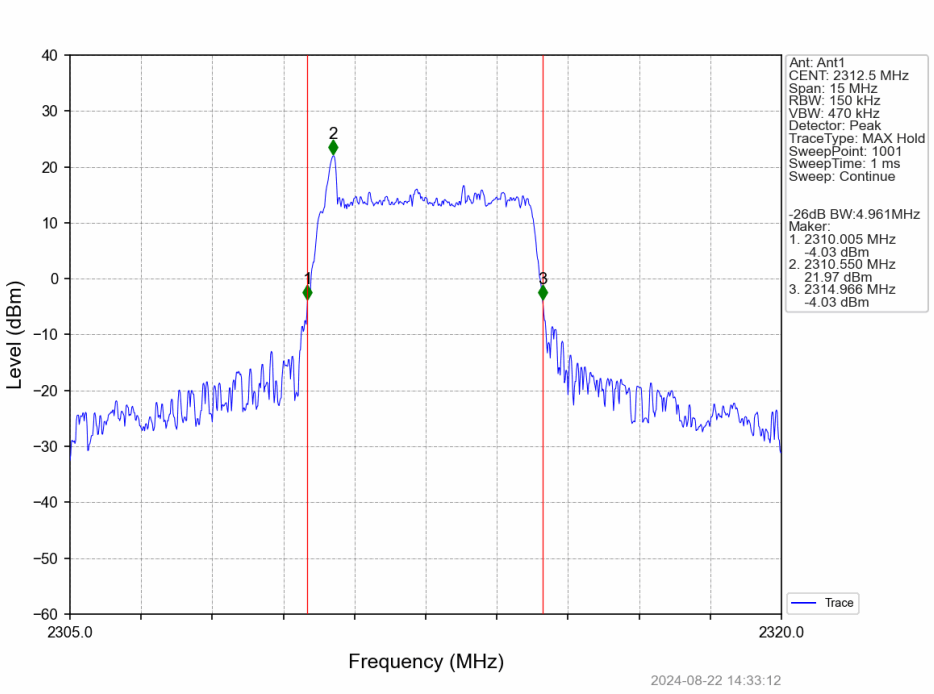
Band40a_5MHz_QPSK_LCH_2307.5MHz_RB_25_0_NTNV



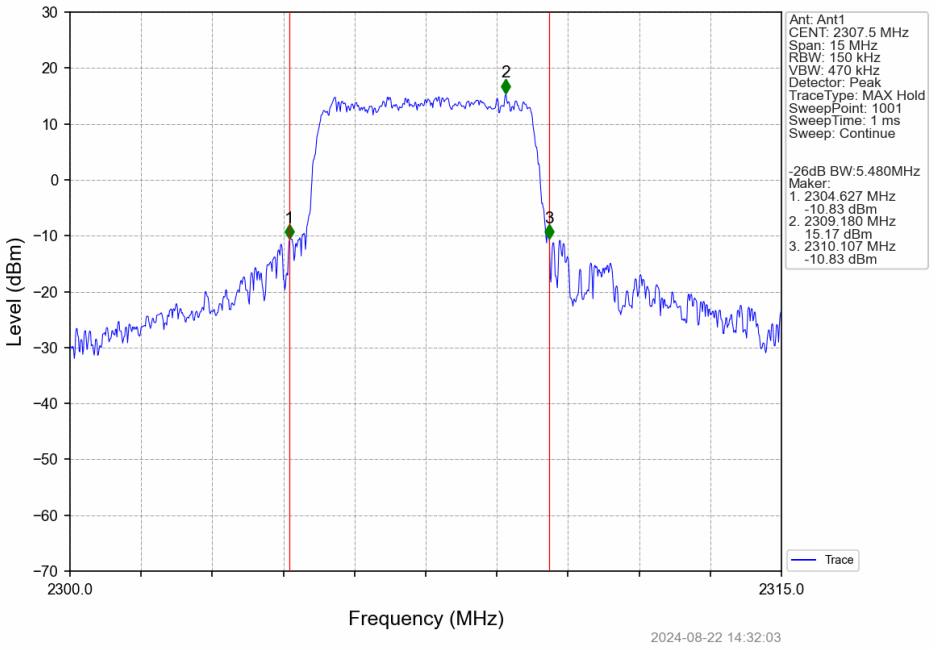
Band40a_5MHz_QPSK_MCH_2310MHz_RB_25_0_NTNV



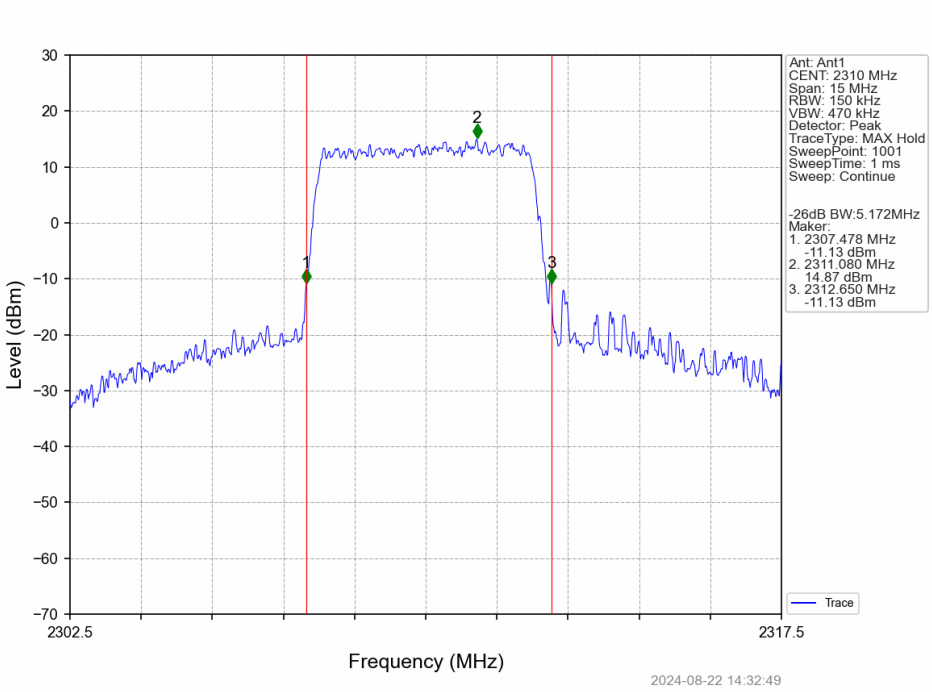
Band40a_5MHz_QPSK_HCH_2312.5MHz_RB_25_0_NTNV



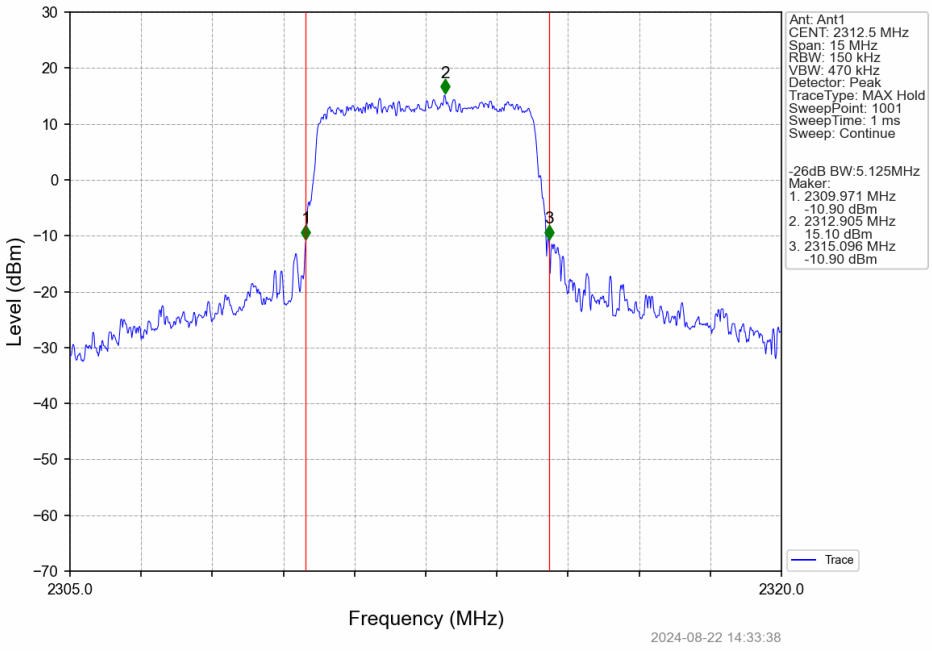
Band40a_5MHz_16QAM_LCH_2307.5MHz_RB_25_0_NTNV



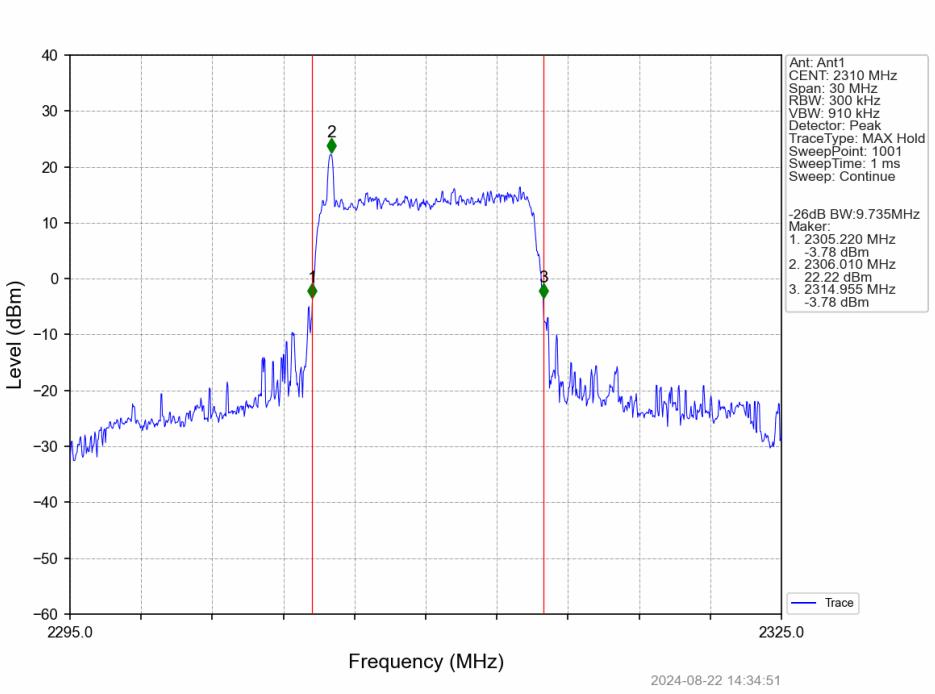
Band40a_5MHz_16QAM_MCH_2310MHz_RB_25_0_NTNV



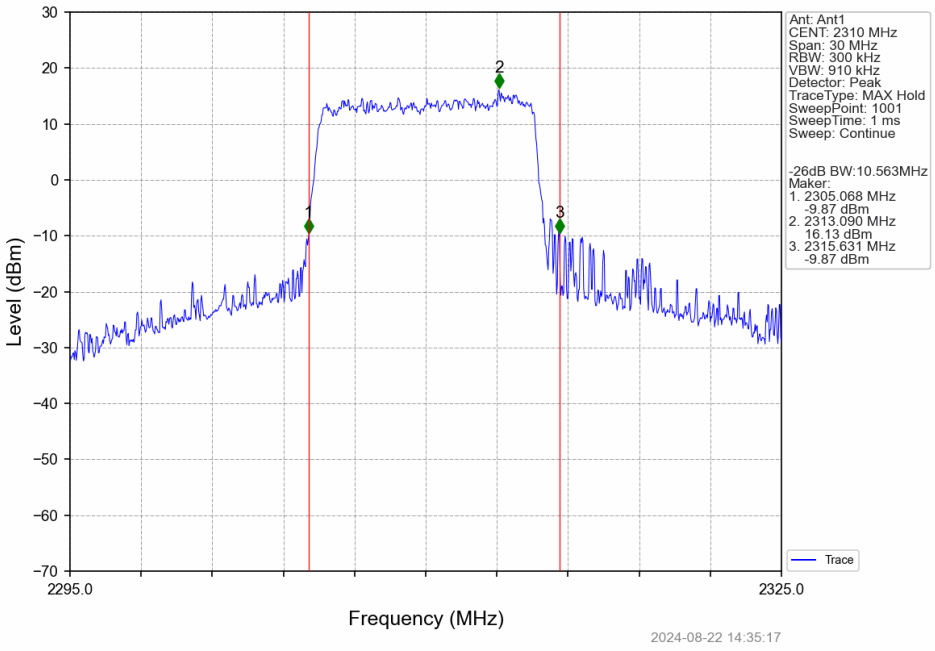
Band40a_5MHz_16QAM_HCH_2312.5MHz_RB_25_0_NTNV



Band40a_10MHz_QPSK_MCH_2310MHz_RB_50_0_NTNV



Band40a_10MHz_16QAM_MCH_2310MHz_RB_50_0_NTNV



5. Peak-Average Ratio

5.1 Test Result

5.1.1 B40a_5MHz

Band: 40a / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2307.5	25	0	7.90	<=13	Pass
	2310	25	0	7.77	<=13	Pass
	2312.5	25	0	7.72	<=13	Pass
16QAM	2307.5	25	0	8.78	<=13	Pass
	2310	25	0	8.24	<=13	Pass
	2312.5	25	0	8.55	<=13	Pass

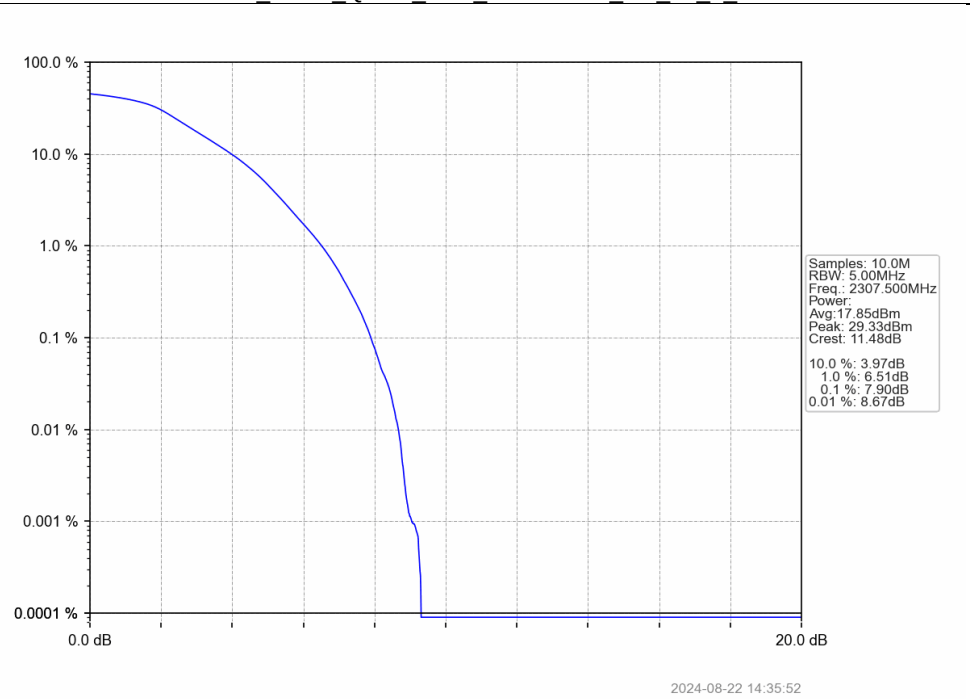
5.1.2 B40a_10MHz

Band: 40a / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2310	50	0	7.82	<=13	Pass
16QAM	2310	50	0	8.62	<=13	Pass

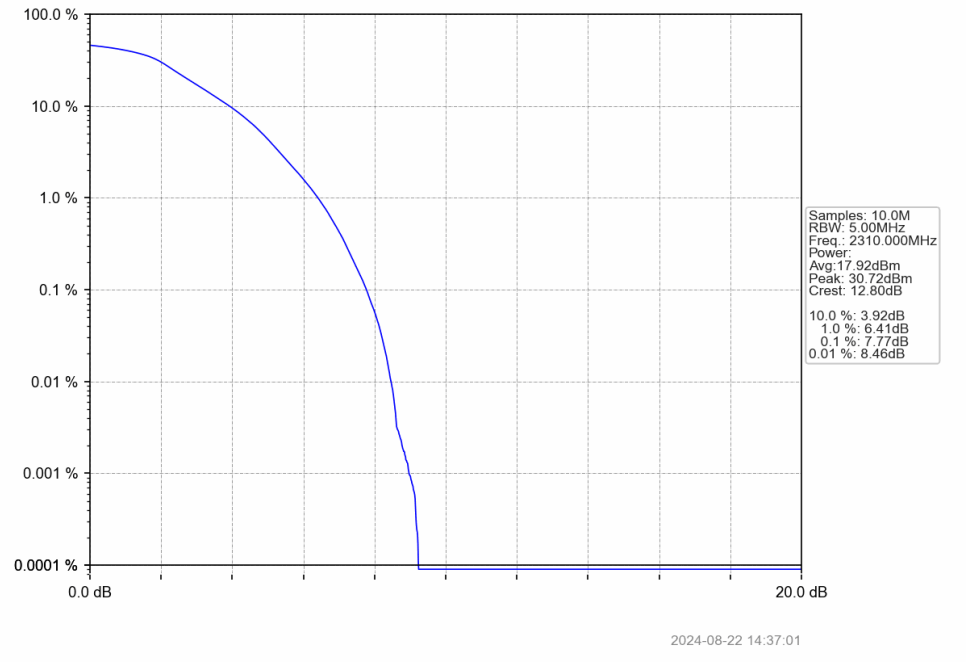
5.2 Test Graph

5.2.1 B40a_5MHz

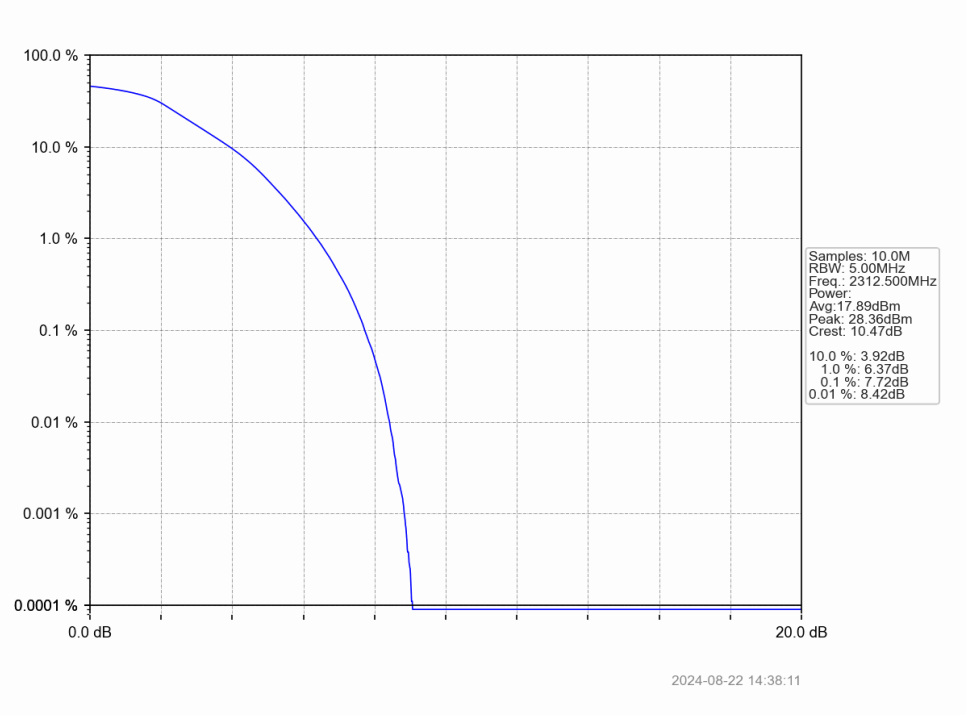
Band40a_5MHz_QPSK_LCH_2307.5MHz_RB_25_0_NTNV



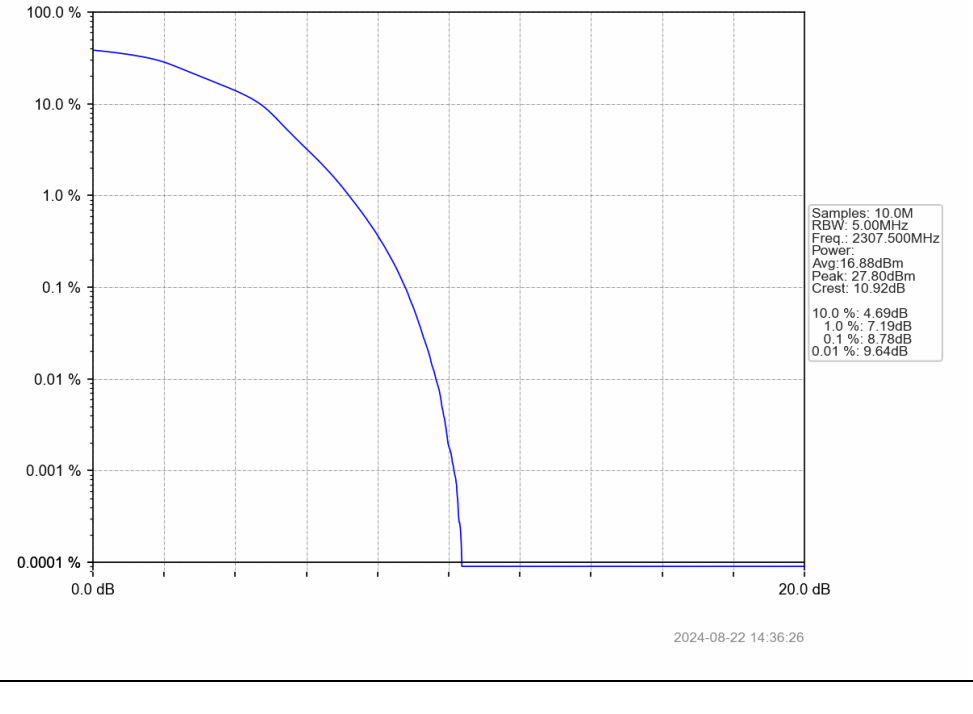
Band40a_5MHz_QPSK_MCH_2310MHz_RB_25_0_NTNV



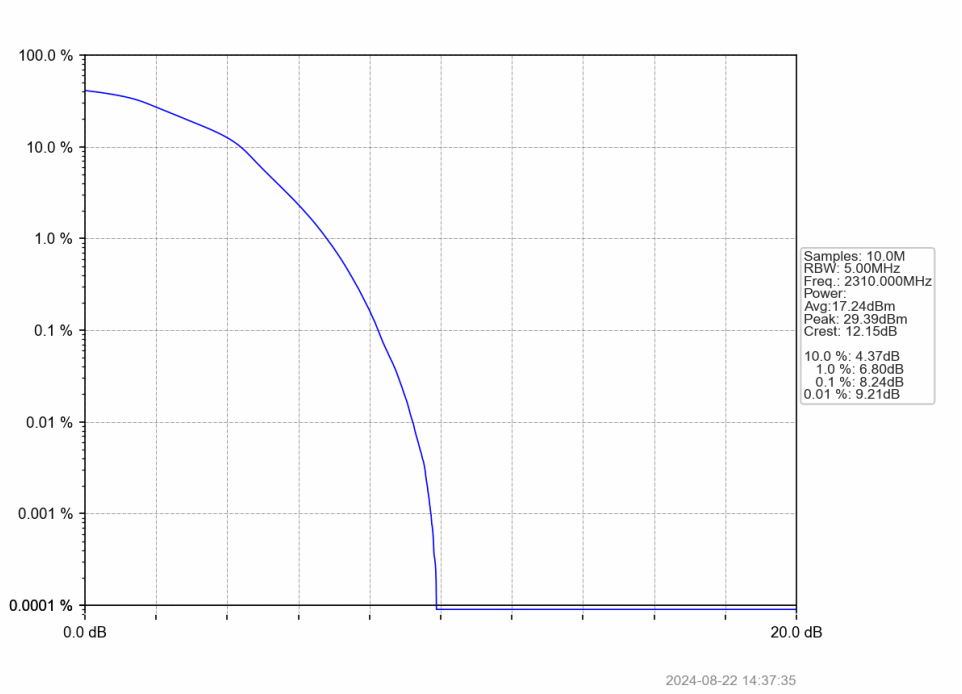
Band40a_5MHz_QPSK_HCH_2312.5MHz_RB_25_0_NTNV



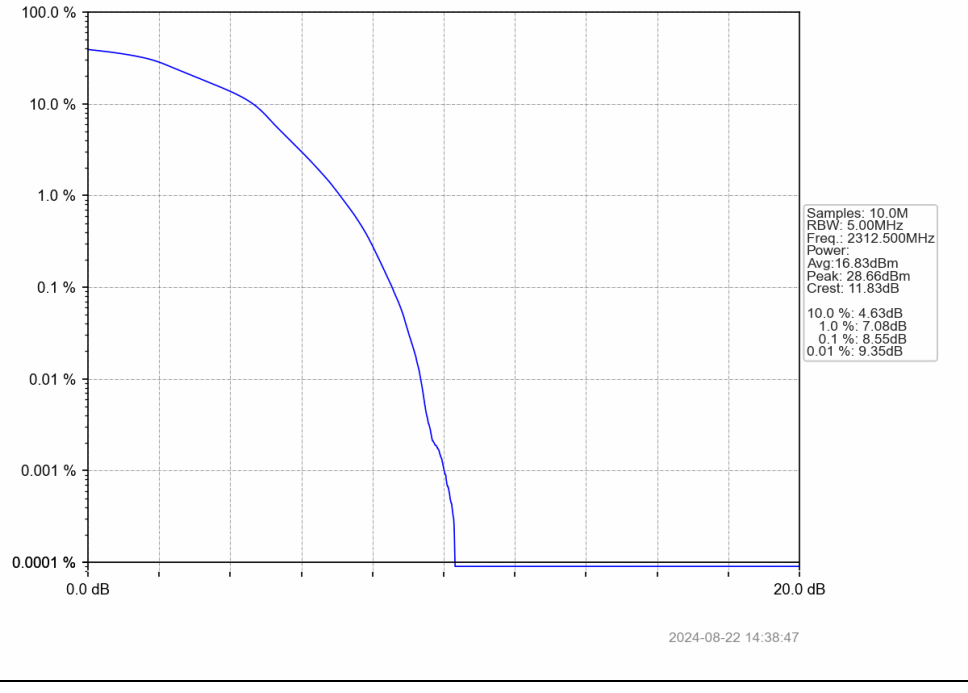
Band40a_5MHz_16QAM_LCH_2307.5MHz_RB_25_0_NTNV



Band40a_5MHz_16QAM_MCH_2310MHz_RB_25_0_NTNV

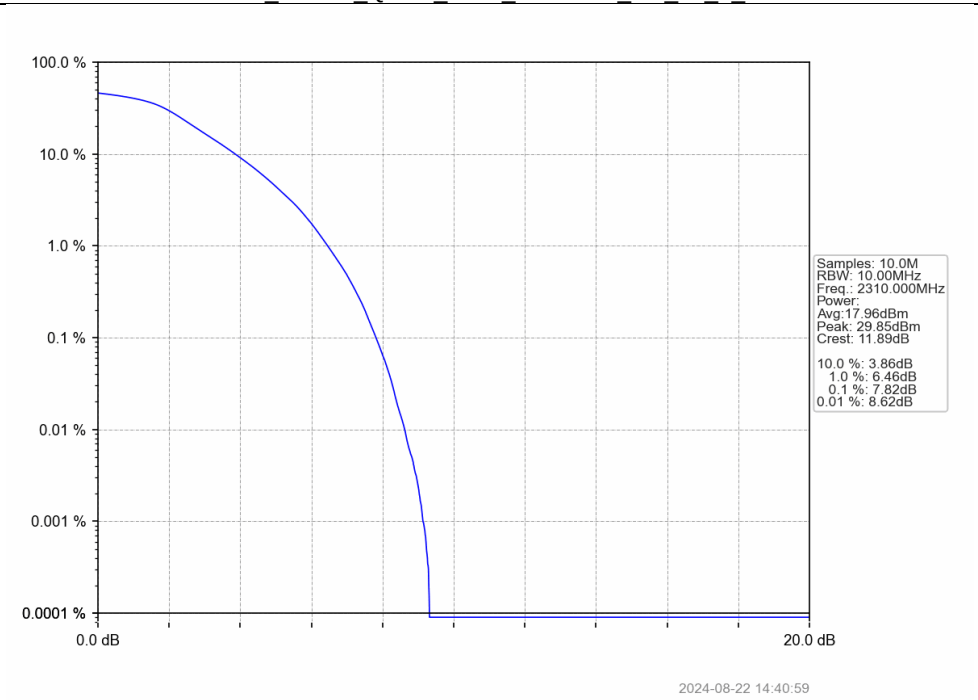


Band40a_5MHz_16QAM_HCH_2312.5MHz_RB_25_0_NTNV

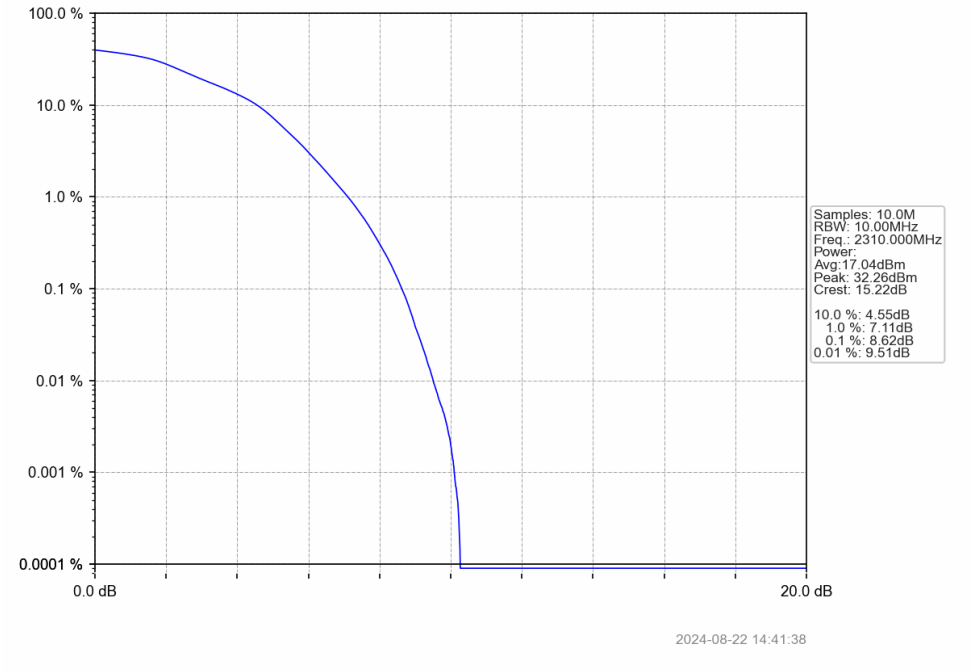


5.2.2 B40a_10MHz

Band40a_10MHz_QPSK_MCH_2310MHz_RB_50_0_NTNV



Band40a_10MHz_16QAM_MCH_2310MHz_RB_50_0_NTNV



6. Spurious Emission

6.1 Test Result

6.1.1 B40a_5MHz

Band: 40a / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2307.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	2310	1	0	Refer To Test Graph		Pass
	2312.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
16QAM	2307.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	2310	1	0	Refer To Test Graph		Pass
	2312.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

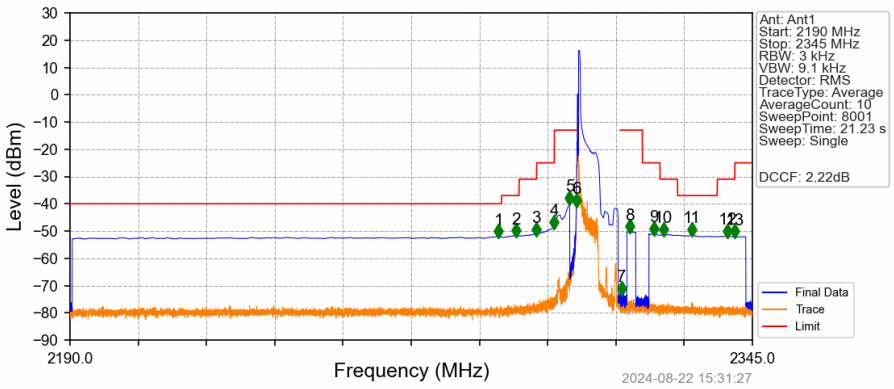
6.1.2 B40a_10MHz

Band: 40a / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2310	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	2310	1	49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	2310	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	2310	1	49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

6.2 Test Graph

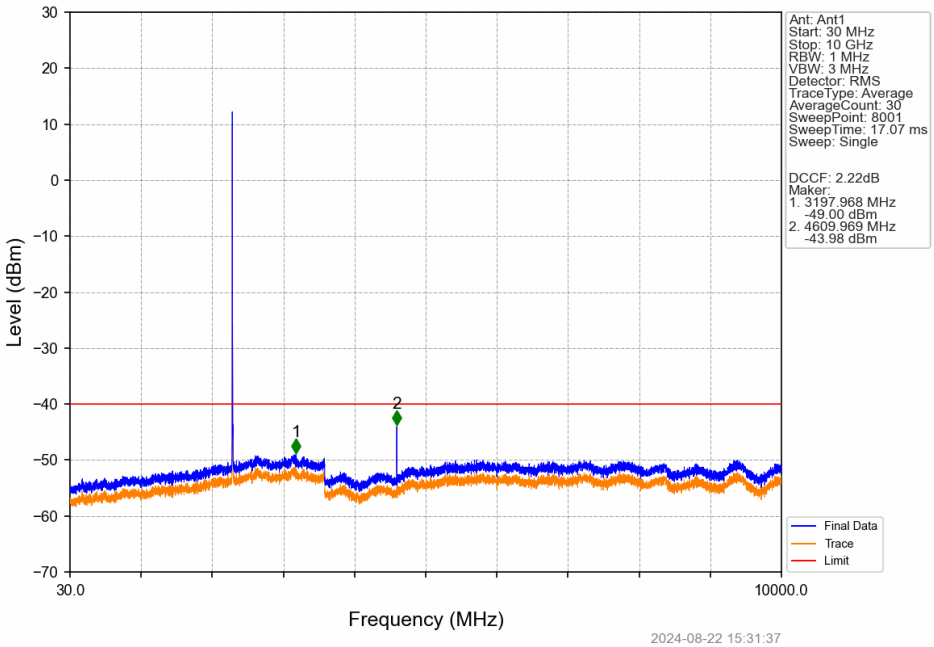
6.2.1 B40a_5MHz

Band40a_5MHz_QPSK_LCH_2307.5MHz_RB_1_0_NTNV

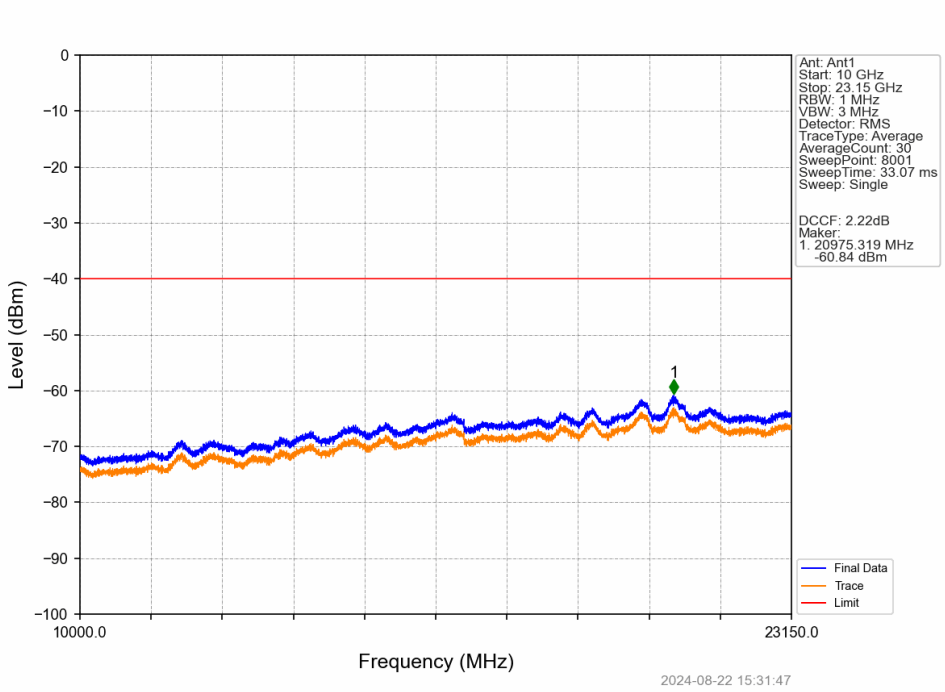


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	CHP	1	2287.359	-52.04	-40	Pass
2288	2292	1	CHP	2	2291.331	-51.75	-37	Pass
2292	2296	1	CHP	3	2295.981	-51.18	-31	Pass
2296	2300	1	CHP	4	2299.953	-48.66	-25	Pass
2300	2320	1	CHP	5	2303.499	-39.65	-13	Pass
2320	2305	0.003	/	6	2304.991	-40.64	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2316	1	CHP	7	2315.376	-72.98	-13	Pass
2316	2320	1	CHP	8	2317.177	-50.23	-13	Pass
2320	2324	1	CHP	9	2322.699	-51.04	-25	Pass
2324	2328	1	CHP	10	2324.773	-51.37	-31	Pass
2328	2337	1	CHP	11	2331.205	-51.34	-37	Pass
2337	2341	1	CHP	12	2339.362	-51.90	-31	Pass
2341	2345	1	CHP	13	2341.048	-52.04	-25	Pass

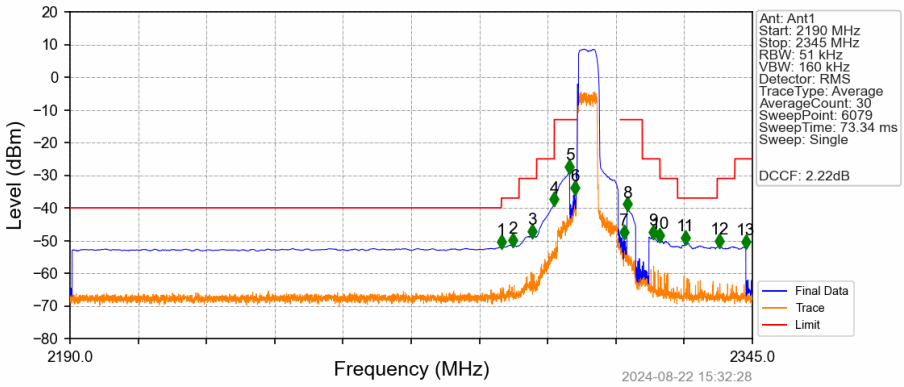
Band40a_5MHz_QPSK_LCH_2307.5MHz_RB_1_0_NTNV



Band40a_5MHz_QPSK_LCH_2307.5MHz_RB_1_0_NTNV

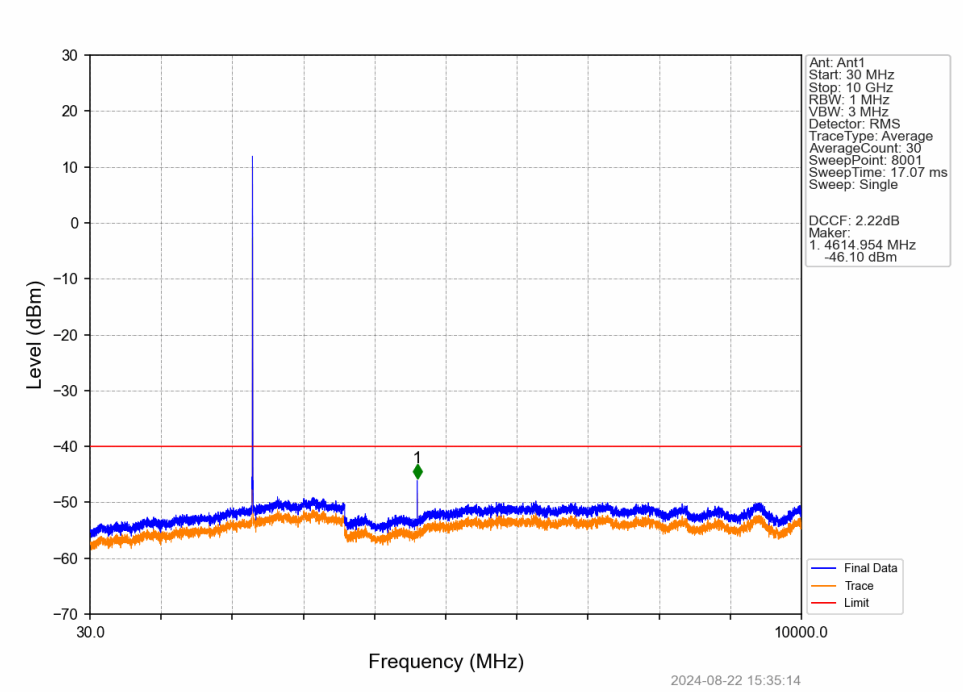


Band40a_5MHz_QPSK_LCH_2307.5MHz_RB_25_0_NTNV

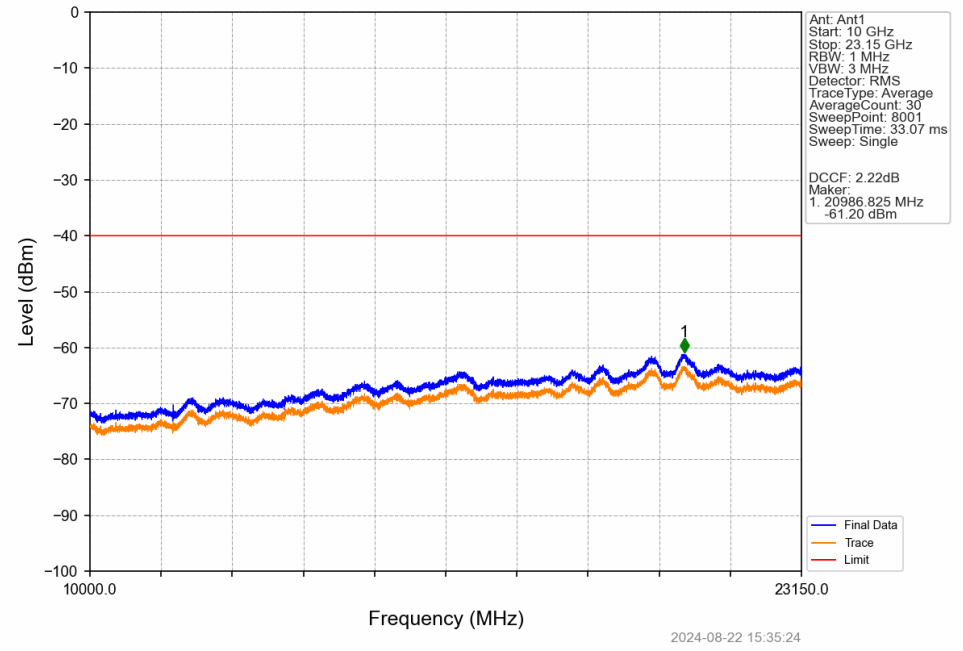


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	CHP	1	2287.978	-51.85	-40	Pass
2288	2292	1	CHP	2	2290.528	-51.38	-37	Pass
2292	2296	1	CHP	3	2294.965	-48.62	-31	Pass
2296	2300	1	CHP	4	2299.989	-38.94	-25	Pass
2300	2320	1	CHP	5	2303.483	-28.97	-13	Pass
2320	2305	0.051	/	6	2304.631	-35.44	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2316	1	CHP	7	2315.826	-49.02	-13	Pass
2316	2320	1	CHP	8	2316.514	-40.44	-13	Pass
2320	2324	1	CHP	9	2322.380	-48.87	-25	Pass
2324	2328	1	CHP	10	2324.012	-50.01	-31	Pass
2328	2337	1	CHP	11	2329.801	-50.77	-37	Pass
2337	2341	1	CHP	12	2337.579	-51.75	-31	Pass
2341	2345	1	CHP	13	2343.495	-51.97	-25	Pass

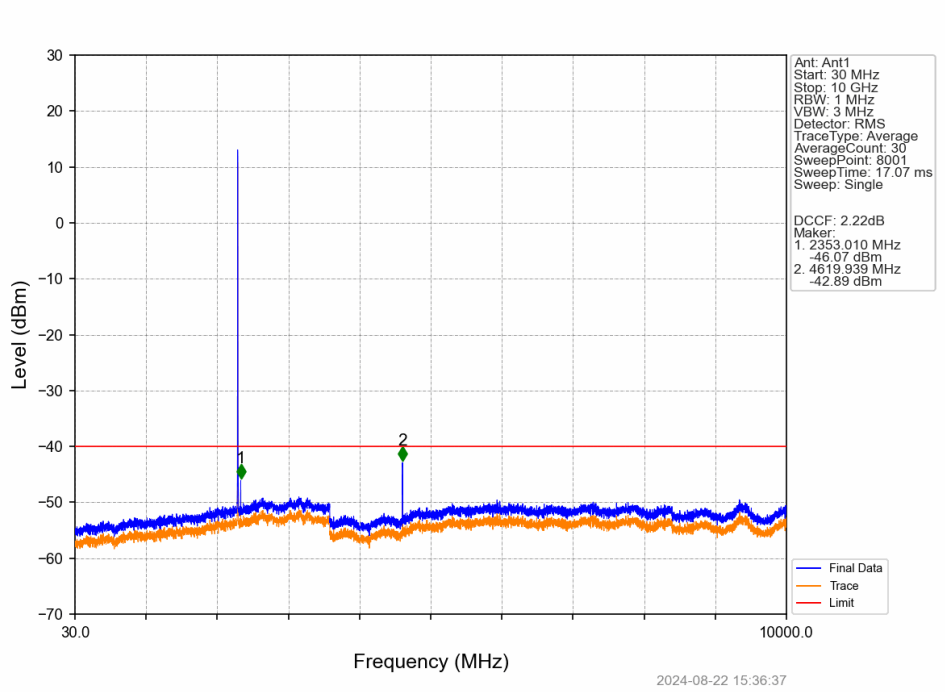
Band40a_5MHz_QPSK_MCH_2310MHz_RB_1_0_NTNV



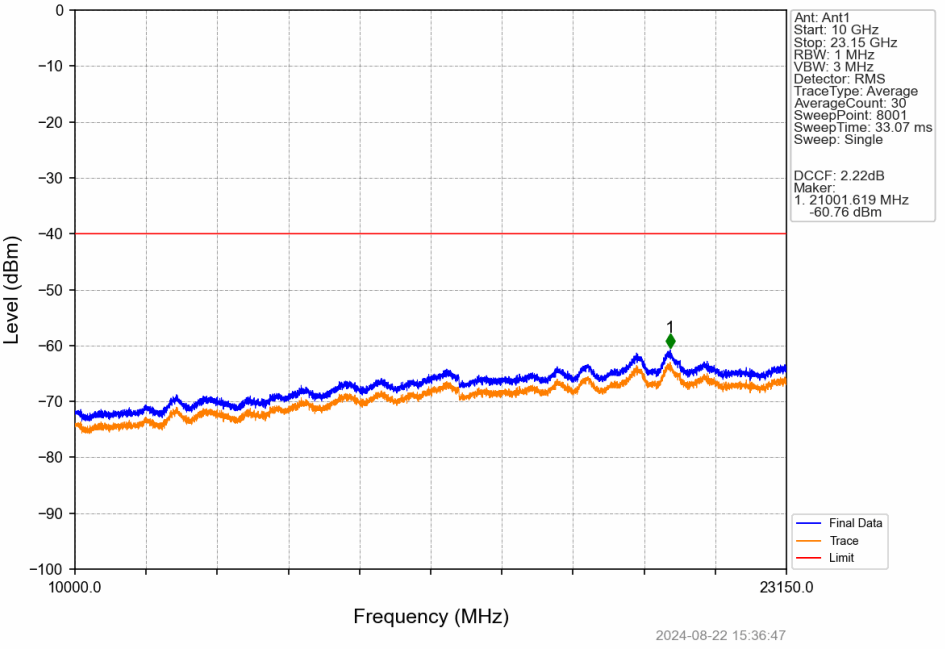
Band40a_5MHz_QPSK_MCH_2310MHz_RB_1_0_NTNV



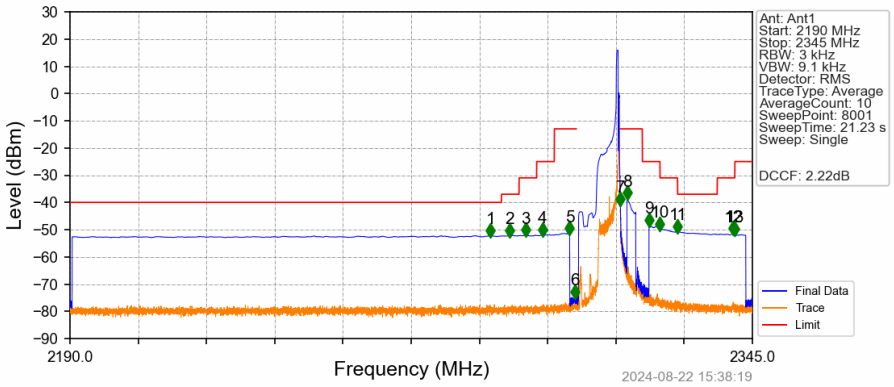
Band40a_5MHz_QPSK_HCH_2312.5MHz_RB_1_0_NTNV



Band40a_5MHz_QPSK_HCH_2312.5MHz_RB_1_0_NTNV

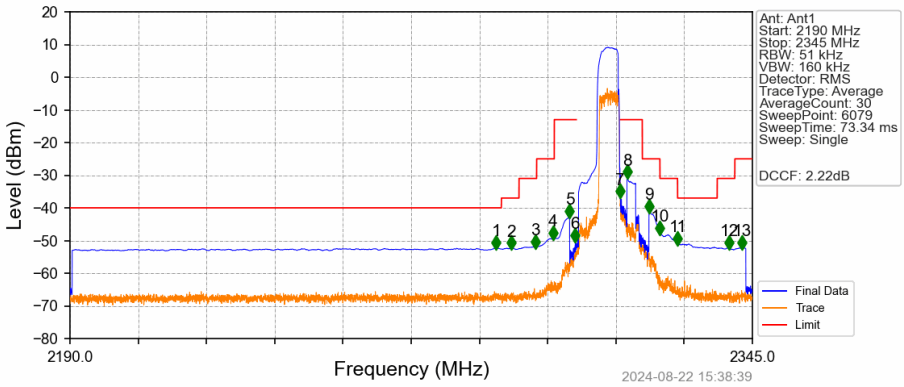


Band40a_5MHz_QPSK_HCH_2312.5MHz_RB_1_24_NTNV



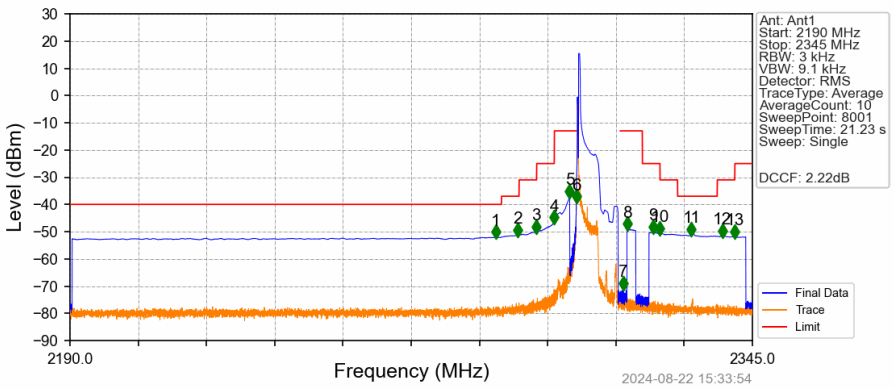
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	CHP	1	2285.519	-52.19	-40	Pass
2288	2292	1	CHP	2	2289.801	-52.14	-37	Pass
2292	2296	1	CHP	3	2293.482	-52.01	-31	Pass
2296	2300	1	CHP	4	2297.299	-51.86	-25	Pass
2300	2320	1	CHP	5	2303.499	-51.38	-13	Pass
2320	2305	1	CHP	6	2304.719	-74.72	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2316	0.003	/	7	2315.027	-40.50	-13	Pass
2316	2320	1	CHP	8	2316.519	-38.34	-13	Pass
2320	2324	1	CHP	9	2321.517	-48.35	-25	Pass
2324	2328	1	CHP	10	2324.017	-49.83	-31	Pass
2328	2337	1	CHP	11	2328.008	-50.70	-37	Pass
2337	2341	1	CHP	12	2340.660	-51.44	-31	Pass
2341	2345	1	CHP	13	2341.009	-51.58	-25	Pass

Band40a_5MHz_QPSK_HCH_2312.5MHz_RB_25_0_NTNV



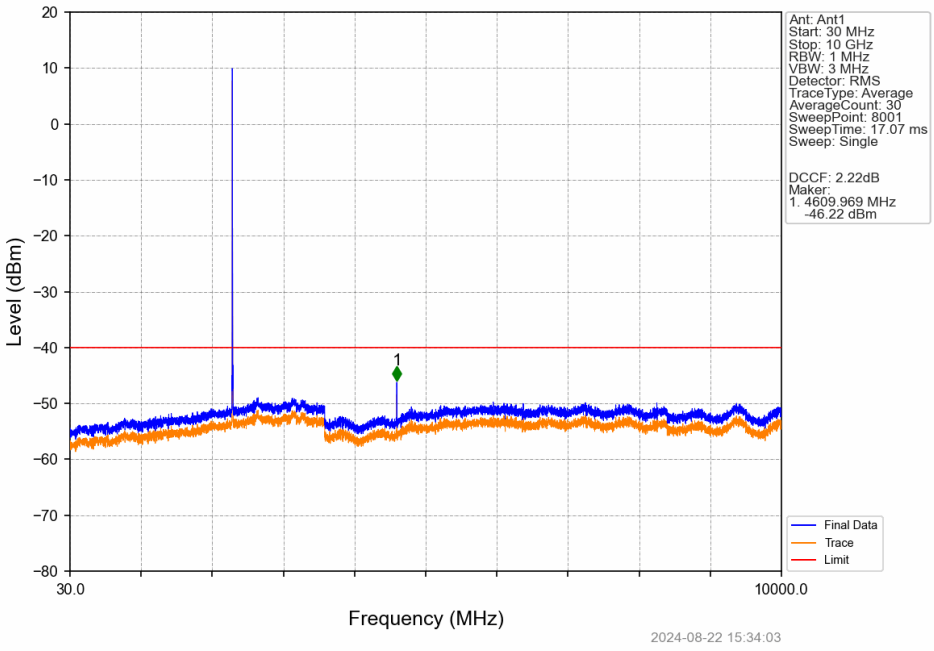
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	CHP	1	2286.805	-52.21	-40	Pass
2288	2292	1	CHP	2	2290.197	-52.32	-37	Pass
2292	2296	1	CHP	3	2295.654	-51.93	-31	Pass
2296	2300	1	CHP	4	2299.734	-49.26	-25	Pass
2300	2320	1	CHP	5	2303.483	-42.49	-13	Pass
2320	2305	1	CHP	6	2304.784	-49.91	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2316	0.051	/	7	2315.010	-36.45	-13	Pass
2316	2320	1	CHP	8	2316.514	-30.54	-13	Pass
2320	2324	1	CHP	9	2321.513	-41.06	-25	Pass
2324	2328	1	CHP	10	2324.012	-47.74	-31	Pass
2328	2337	1	CHP	11	2328.016	-50.99	-37	Pass
2337	2341	1	CHP	12	2339.772	-52.23	-31	Pass
2341	2345	1	CHP	13	2342.654	-52.11	-25	Pass

Band40a_5MHz_16QAM_LCH_2307.5MHz_RB_1_0_NTNV

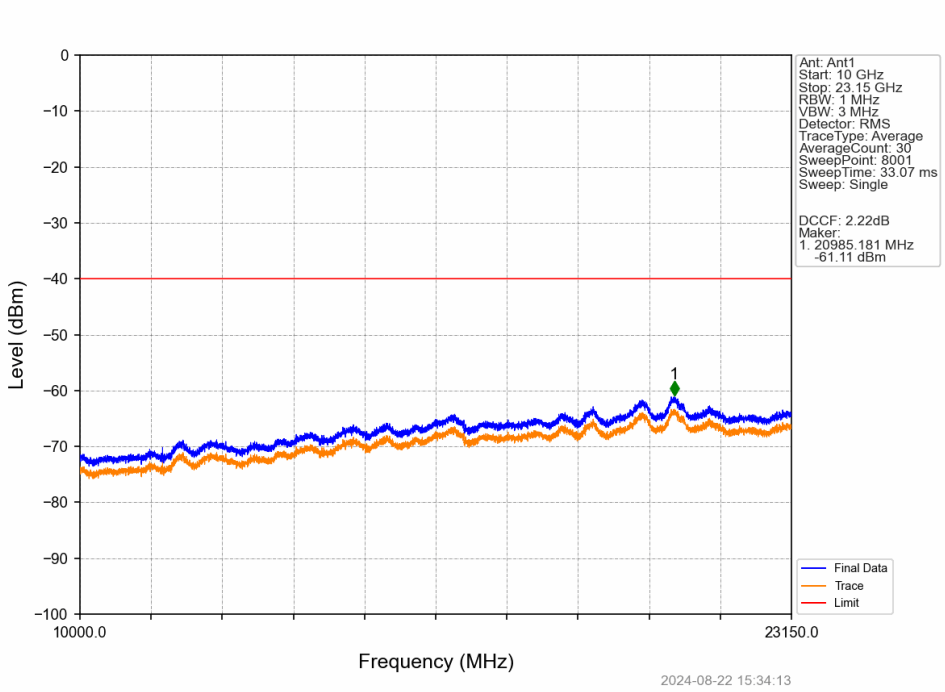


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	CHP	1	2286.681	-52.01	-40	Pass
2288	2292	1	CHP	2	2291.758	-51.24	-37	Pass
2292	2296	1	CHP	3	2295.981	-50.04	-31	Pass
2296	2300	1	CHP	4	2299.992	-46.64	-25	Pass
2300	2320	1	CHP	5	2303.499	-37.06	-13	Pass
2320	2305	0.003	/	6	2304.991	-38.96	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2316	1	CHP	7	2315.647	-70.92	-13	Pass
2316	2320	1	CHP	8	2316.557	-49.02	-13	Pass
2320	2324	1	CHP	9	2322.428	-50.18	-25	Pass
2324	2328	1	CHP	10	2324.017	-50.66	-31	Pass
2328	2337	1	CHP	11	2331.166	-50.91	-37	Pass
2337	2341	1	CHP	12	2338.180	-51.64	-31	Pass
2341	2345	1	CHP	13	2341.048	-51.86	-25	Pass

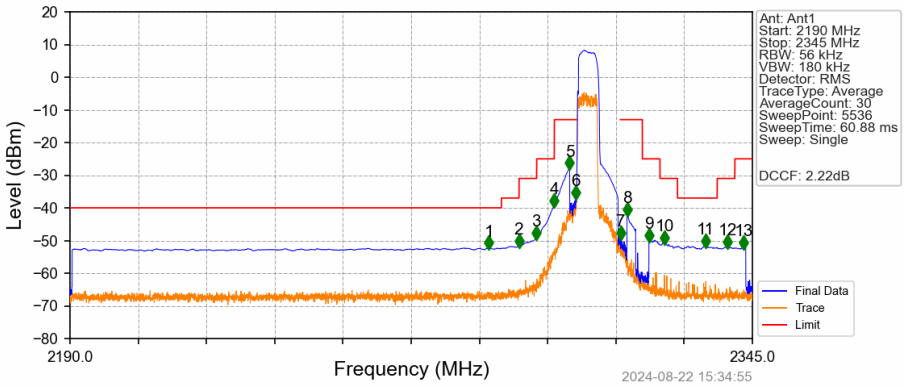
Band40a_5MHz_16QAM_LCH_2307.5MHz_RB_1_0_NTNV



Band40a_5MHz_16QAM_LCH_2307.5MHz_RB_1_0_NTNV

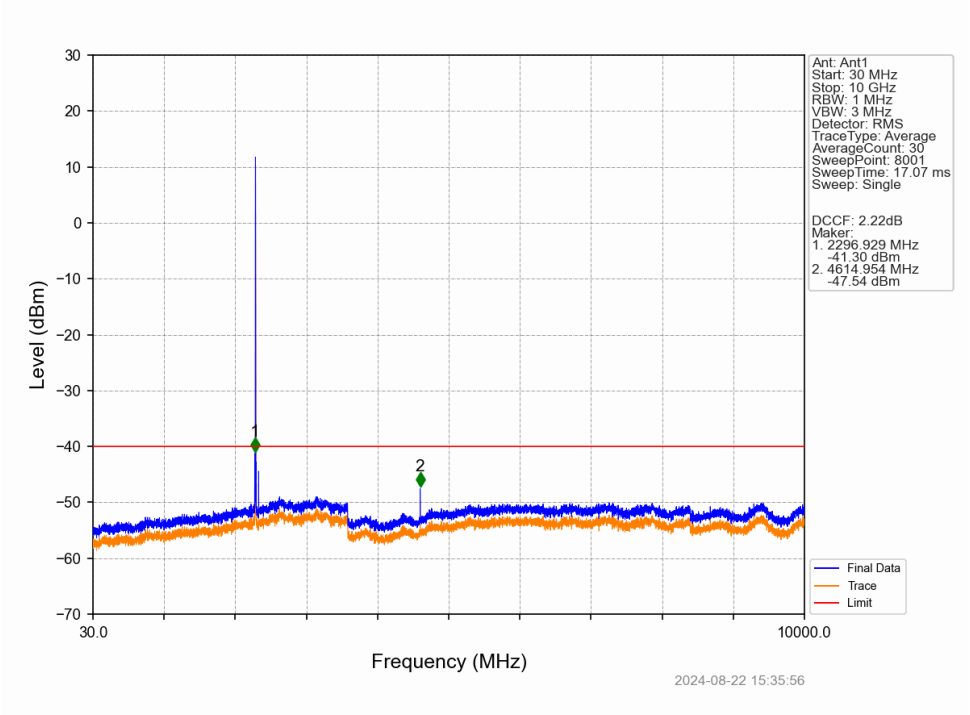


Band40a_5MHz_16QAM_LCH_2307.5MHz_RB_25_0_NTNV

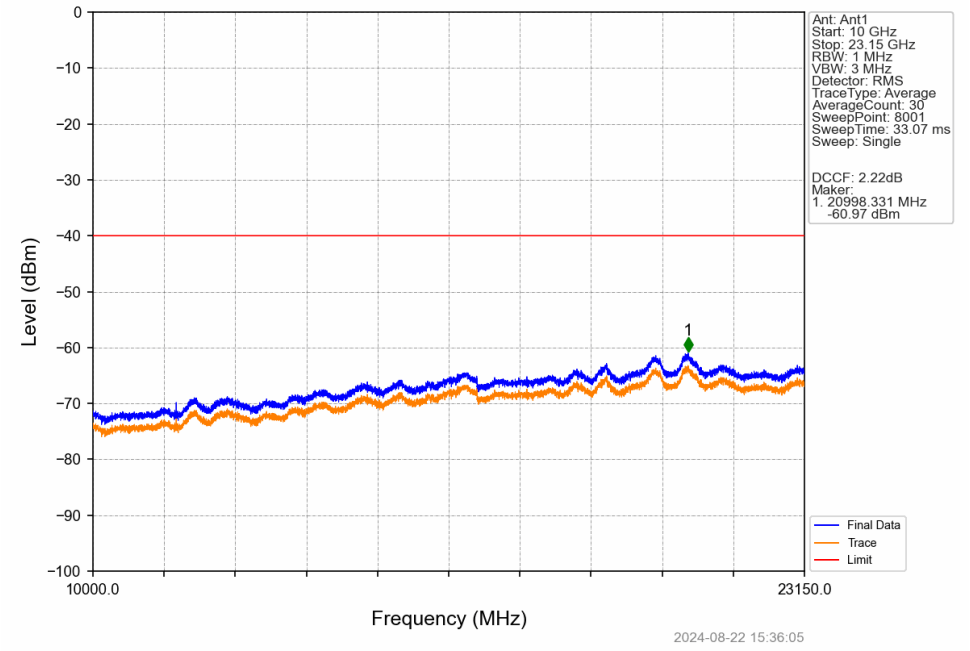


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	CHP	1	2285.156	-52.26	-40	Pass
2288	2292	1	CHP	2	2291.989	-51.65	-37	Pass
2292	2296	1	CHP	3	2295.966	-49.24	-31	Pass
2296	2300	1	CHP	4	2299.998	-39.29	-25	Pass
2300	2320	1	CHP	5	2303.499	-27.83	-13	Pass
2320	2305	0.056	/	6	2304.899	-36.87	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2316	1	CHP	7	2315.176	-49.19	-13	Pass
2316	2320	1	CHP	8	2316.520	-42.02	-13	Pass
2320	2324	1	CHP	9	2321.505	-49.91	-25	Pass
2324	2328	1	CHP	10	2325.117	-50.69	-31	Pass
2328	2337	1	CHP	11	2334.387	-51.58	-37	Pass
2337	2341	1	CHP	12	2339.399	-51.98	-31	Pass
2341	2345	1	CHP	13	2343.068	-52.12	-25	Pass

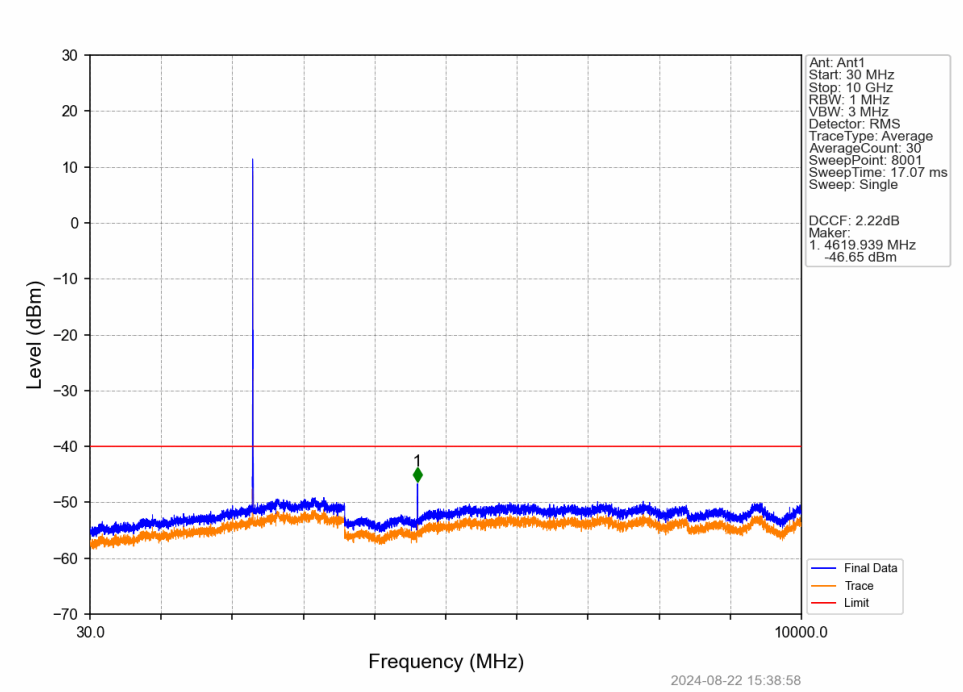
Band40a_5MHz_16QAM_MCH_2310MHz_RB_1_0_NTNV



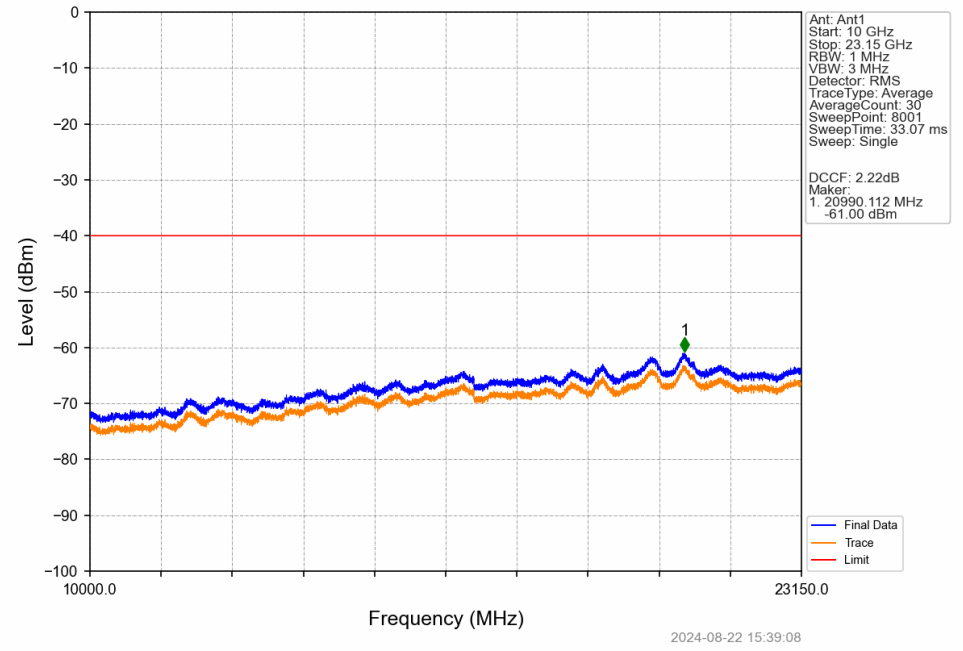
Band40a_5MHz_16QAM_MCH_2310MHz_RB_1_0_NTNV



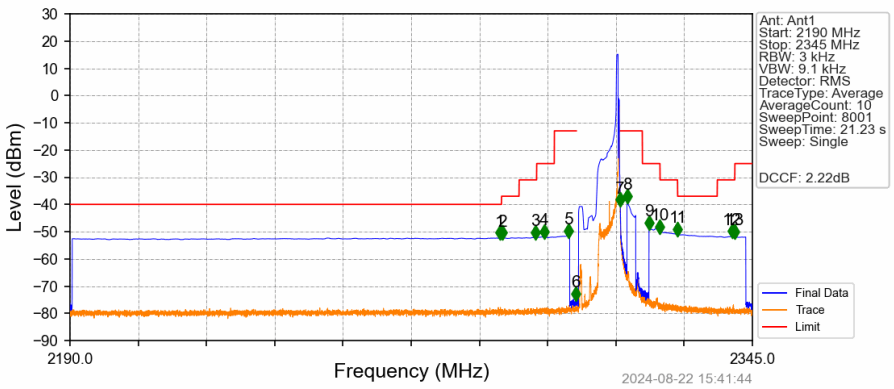
Band40a_5MHz_16QAM_HCH_2312.5MHz_RB_1_0_NTNV



Band40a_5MHz_16QAM_HCH_2312.5MHz_RB_1_0_NTNV

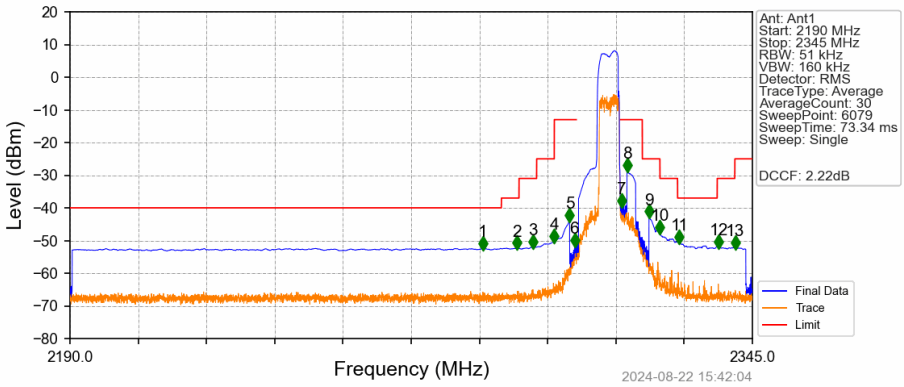


Band40a_5MHz_16QAM_HCH_2312.5MHz_RB_1_24_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	CHP	1	2287.573	-52.33	-40	Pass
2288	2292	1	CHP	2	2288.251	-52.26	-37	Pass
2292	2296	1	CHP	3	2295.671	-52.07	-31	Pass
2296	2300	1	CHP	4	2297.706	-51.90	-25	Pass
2300	2320	1	CHP	5	2303.247	-51.47	-13	Pass
2320	2305	1	CHP	6	2304.894	-74.75	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2316	0.003	/	7	2315.008	-40.14	-13	Pass
2316	2320	1	CHP	8	2316.519	-38.91	-13	Pass
2320	2324	1	CHP	9	2321.517	-48.67	-25	Pass
2324	2328	1	CHP	10	2324.017	-50.14	-31	Pass
2328	2337	1	CHP	11	2328.008	-51.04	-37	Pass
2337	2341	1	CHP	12	2340.331	-51.69	-31	Pass
2341	2345	1	CHP	13	2341.009	-51.76	-25	Pass

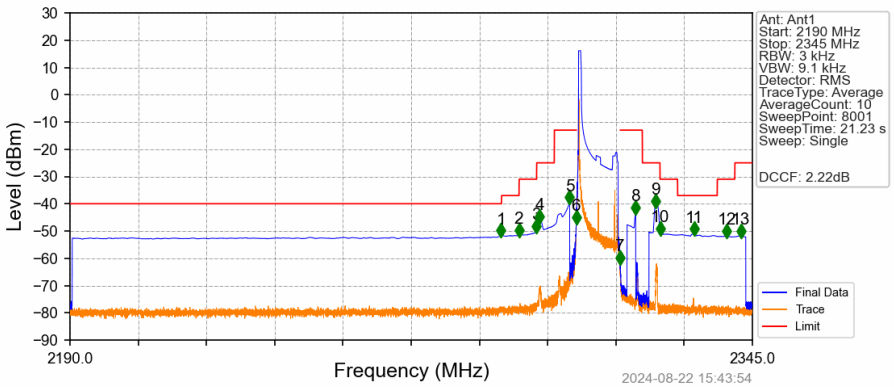
Band40a_5MHz_16QAM_HCH_2312.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	CHP	1	2283.770	-52.41	-40	Pass
2288	2292	1	CHP	2	2291.472	-52.29	-37	Pass
2292	2296	1	CHP	3	2295.220	-51.91	-31	Pass
2296	2300	1	CHP	4	2299.989	-50.22	-25	Pass
2300	2320	1	CHP	5	2303.483	-43.84	-13	Pass
2320	2305	1	CHP	6	2304.605	-51.43	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2316	0.051	/	7	2315.341	-39.34	-13	Pass
2316	2320	1	CHP	8	2316.514	-28.45	-13	Pass
2320	2324	1	CHP	9	2321.513	-42.67	-25	Pass
2324	2328	1	CHP	10	2324.012	-47.41	-31	Pass
2328	2337	1	CHP	11	2328.373	-50.36	-37	Pass
2337	2341	1	CHP	12	2337.349	-51.83	-31	Pass
2341	2345	1	CHP	13	2341.098	-52.08	-25	Pass

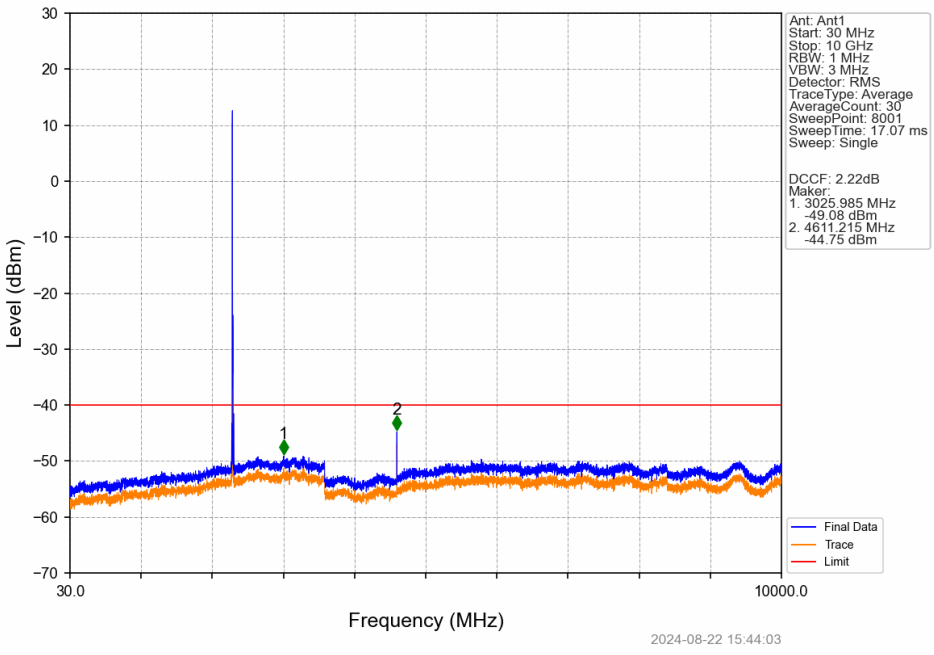
6.2.2 B40a_10MHz

Band40a_10MHz_QPSK_LCH_2310MHz_RB_1_0_NTNV

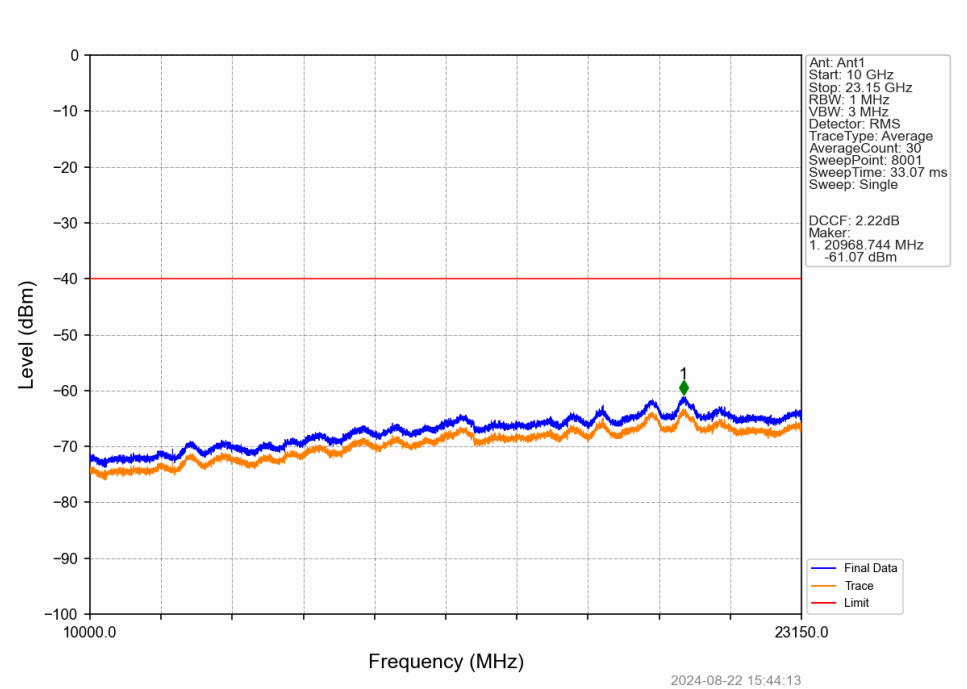


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	CHP	1	2287.883	-51.68	-40	Pass
2288	2292	1	CHP	2	2291.971	-51.50	-37	Pass
2292	2296	1	CHP	3	2295.981	-50.08	-31	Pass
2296	2300	1	CHP	4	2296.679	-46.47	-25	Pass
2300	2320	1	CHP	5	2303.499	-39.56	-13	Pass
2320	2305	0.003	/	6	2304.971	-46.74	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2316	0.003	/	7	2315.008	-61.70	-13	Pass
2316	2320	1	CHP	8	2318.495	-43.25	-13	Pass
2320	2324	1	CHP	9	2323.009	-40.82	-25	Pass
2324	2328	1	CHP	10	2324.056	-51.04	-31	Pass
2328	2337	1	CHP	11	2331.728	-51.13	-37	Pass
2337	2341	1	CHP	12	2339.168	-51.88	-31	Pass
2341	2345	1	CHP	13	2342.346	-51.84	-25	Pass

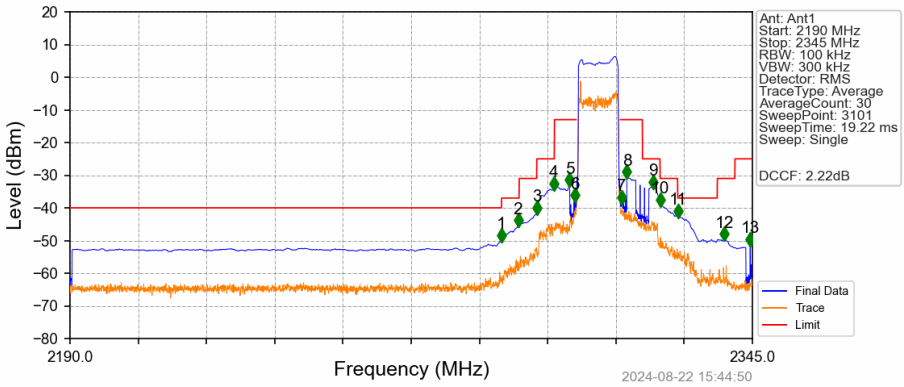
Band40a_10MHz_QPSK_LCH_2310MHz_RB_1_0_NTNV



Band40a_10MHz_QPSK_LCH_2310MHz_RB_1_0_NTNV

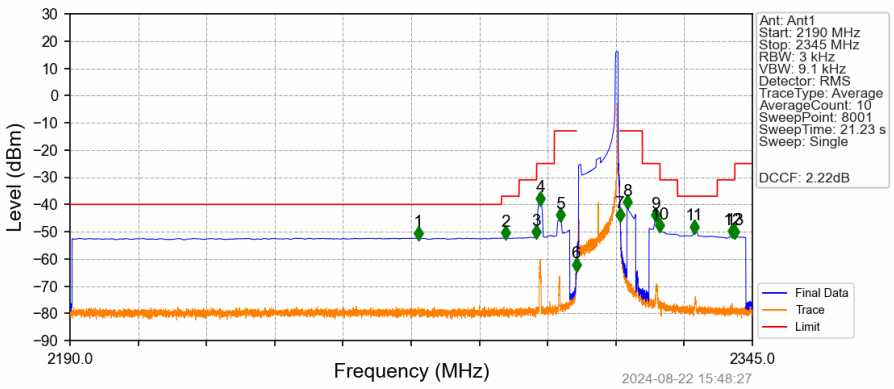


Band40a_10MHz_QPSK_LCH_2310MHz_RB_50_0_NTNV



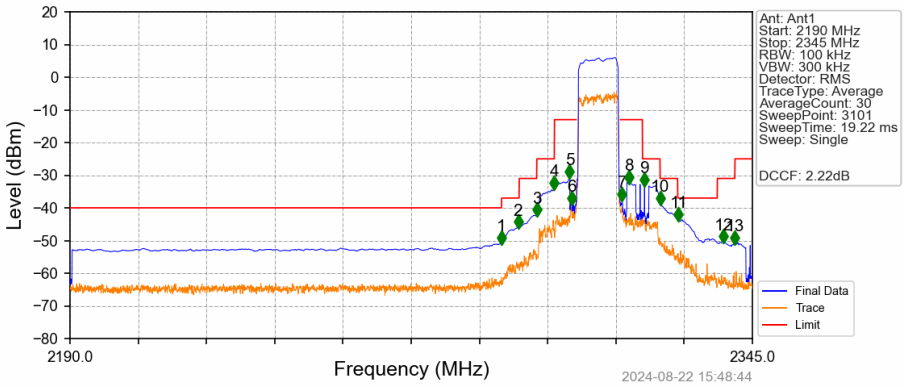
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	CHP	1	2288.000	-49.95	-40	Pass
2288	2292	1	CHP	2	2291.800	-45.39	-37	Pass
2292	2296	1	CHP	3	2296.000	-41.60	-31	Pass
2296	2300	1	CHP	4	2299.900	-34.20	-25	Pass
2300	2320	1	CHP	5	2303.500	-33.01	-13	Pass
2320	2305	0.1	/	6	2304.750	-37.70	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2316	0.1	/	7	2315.300	-38.42	-13	Pass
2316	2320	1	CHP	8	2316.500	-30.57	-13	Pass
2320	2324	1	CHP	9	2322.400	-33.57	-25	Pass
2324	2328	1	CHP	10	2324.050	-39.08	-31	Pass
2328	2337	1	CHP	11	2328.150	-42.52	-37	Pass
2337	2341	1	CHP	12	2338.650	-49.54	-31	Pass
2341	2345	1	CHP	13	2344.500	-51.18	-25	Pass

Band40a_10MHz_QPSK_HCH_2310MHz_RB_1_49_NTNV



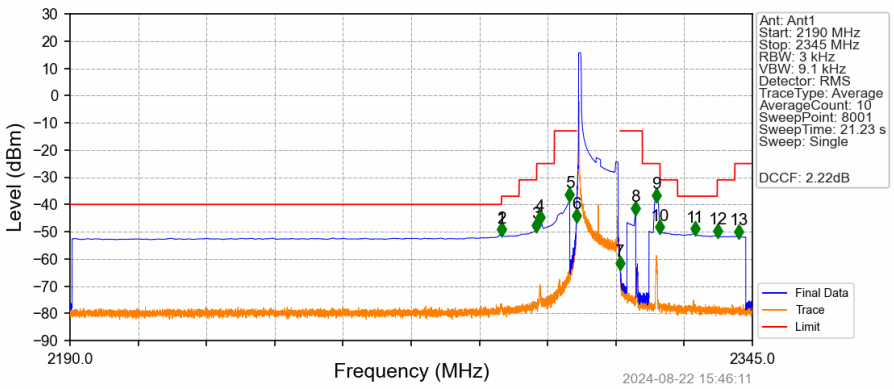
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	CHP	1	2269.069	-52.35	-40	Pass
2288	2292	1	CHP	2	2288.909	-52.29	-37	Pass
2292	2296	1	CHP	3	2295.981	-52.04	-31	Pass
2296	2300	1	CHP	4	2296.872	-39.78	-25	Pass
2300	2320	1	CHP	5	2301.464	-45.78	-13	Pass
2320	2305	0.003	/	6	2304.971	-64.09	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2316	0.003	/	7	2315.008	-45.70	-13	Pass
2316	2320	1	CHP	8	2316.519	-41.01	-13	Pass
2320	2324	1	CHP	9	2323.068	-45.81	-25	Pass
2324	2328	1	CHP	10	2324.017	-49.66	-31	Pass
2328	2337	1	CHP	11	2331.786	-49.99	-37	Pass
2337	2341	1	CHP	12	2340.447	-51.69	-31	Pass
2341	2345	1	CHP	13	2341.048	-51.91	-25	Pass

Band40a_10MHz_QPSK_HCH_2310MHz_RB_50_0_NTNV



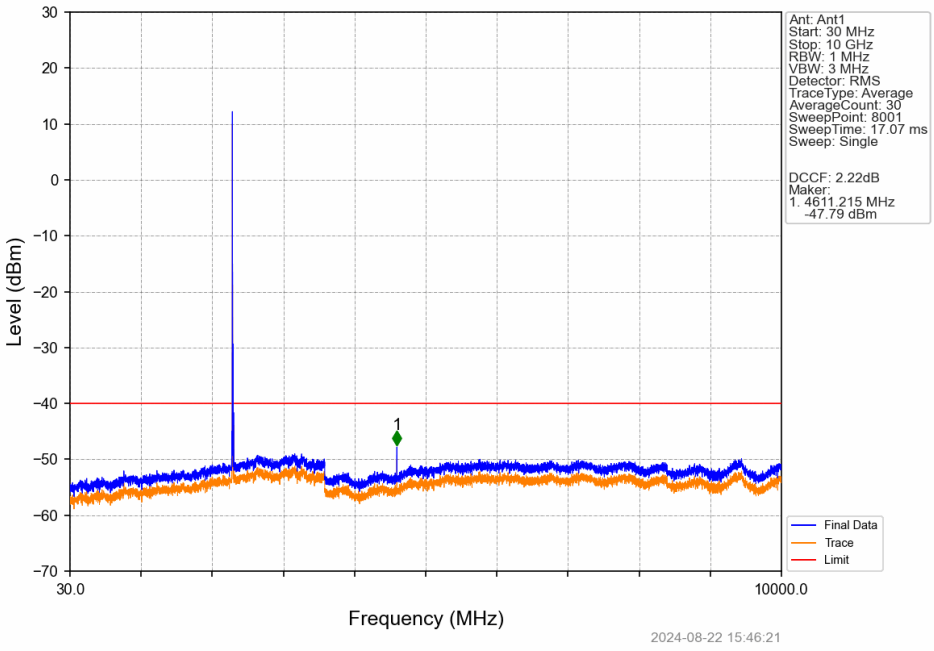
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	CHP	1	2288.000	-50.69	-40	Pass
2288	2292	1	CHP	2	2291.800	-45.84	-37	Pass
2292	2296	1	CHP	3	2296.000	-42.13	-31	Pass
2296	2300	1	CHP	4	2300.000	-33.85	-25	Pass
2300	2320	1	CHP	5	2303.500	-30.36	-13	Pass
2320	2305	0.1	/	6	2304.000	-38.53	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2316	0.1	/	7	2315.400	-37.31	-13	Pass
2316	2320	1	CHP	8	2316.900	-32.15	-13	Pass
2320	2324	1	CHP	9	2320.500	-32.96	-25	Pass
2324	2328	1	CHP	10	2324.050	-38.66	-31	Pass
2328	2337	1	CHP	11	2328.200	-43.50	-37	Pass
2337	2341	1	CHP	12	2338.450	-50.34	-31	Pass
2341	2345	1	CHP	13	2341.050	-50.69	-25	Pass

Band40a_10MHz_16QAM_LCH_2310MHz_RB_1_0_NTNV

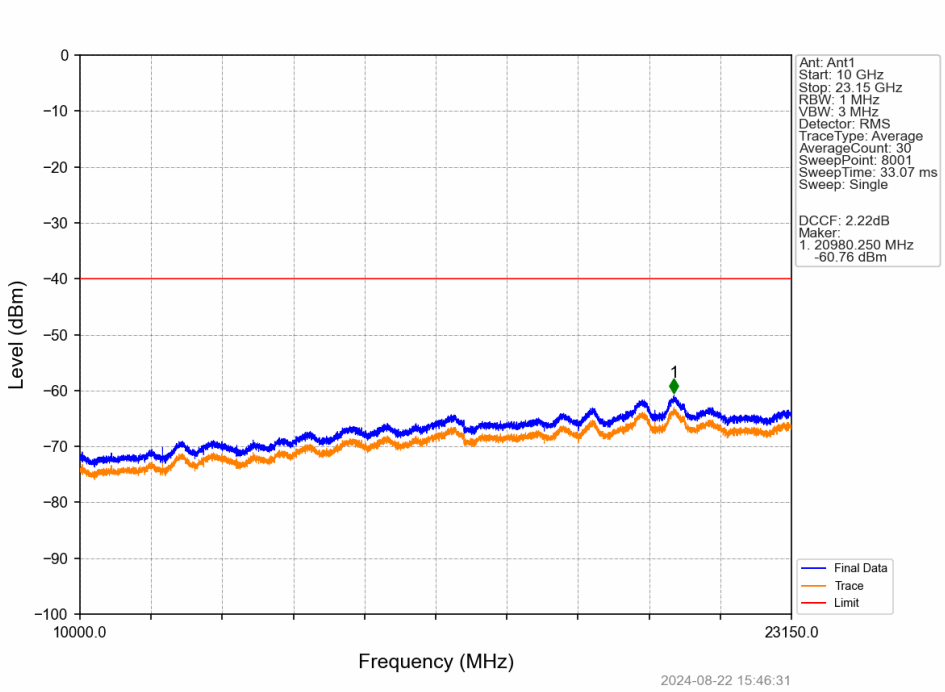


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	CHP	1	2287.979	-51.13	-40	Pass
2288	2292	1	CHP	2	2288.096	-51.12	-37	Pass
2292	2296	1	CHP	3	2295.981	-49.57	-31	Pass
2296	2300	1	CHP	4	2296.737	-46.69	-25	Pass
2300	2320	1	CHP	5	2303.499	-38.23	-13	Pass
2320	2305	0.003	/	6	2304.991	-46.03	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2316	0.003	/	7	2315.008	-63.43	-13	Pass
2316	2320	1	CHP	8	2318.495	-43.31	-13	Pass
2320	2324	1	CHP	9	2323.106	-38.42	-25	Pass
2324	2328	1	CHP	10	2324.017	-50.23	-31	Pass
2328	2337	1	CHP	11	2331.980	-50.81	-37	Pass
2337	2341	1	CHP	12	2337.192	-51.65	-31	Pass
2341	2345	1	CHP	13	2341.900	-51.79	-25	Pass

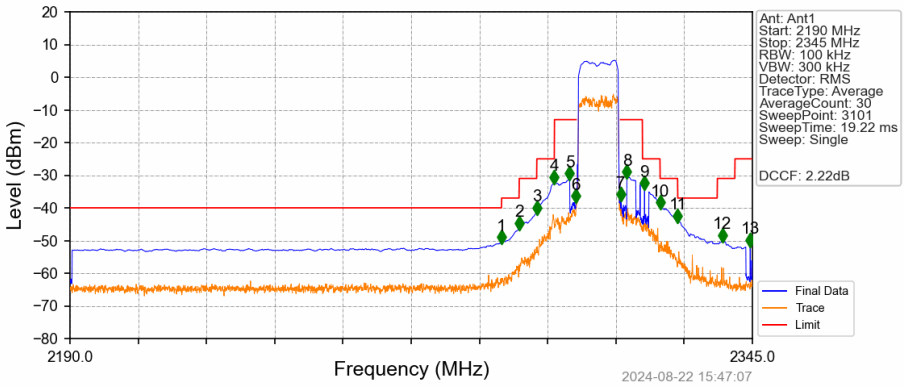
Band40a_10MHz_16QAM_LCH_2310MHz_RB_1_0_NTNV



Band40a_10MHz_16QAM_LCH_2310MHz_RB_1_0_NTNV

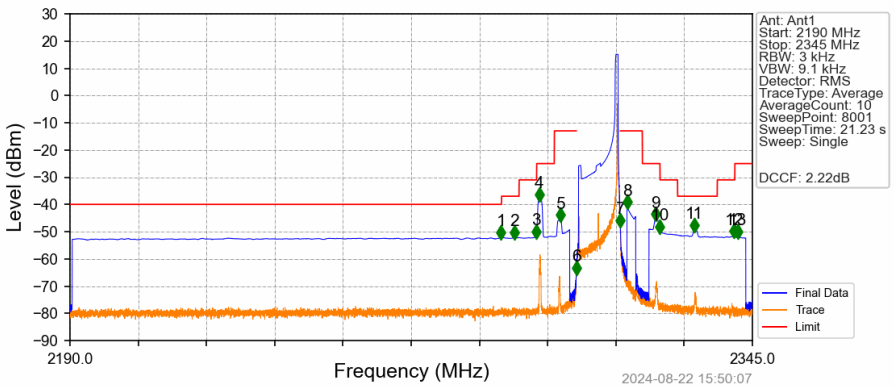


Band40a_10MHz_16QAM_LCH_2310MHz_RB_50_0_NTNV



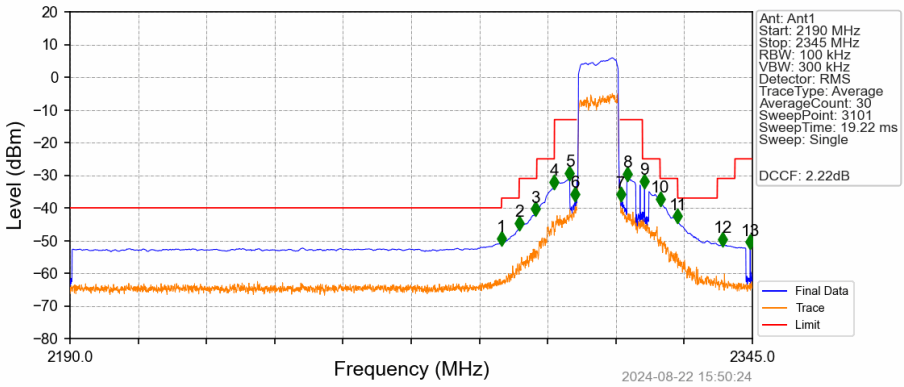
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	CHP	1	2288.000	-50.59	-40	Pass
2288	2292	1	CHP	2	2292.000	-46.24	-37	Pass
2292	2296	1	CHP	3	2296.000	-41.54	-31	Pass
2296	2300	1	CHP	4	2300.000	-32.23	-25	Pass
2300	2320	1	CHP	5	2303.500	-31.05	-13	Pass
2320	2305	0.1	/	6	2304.950	-37.97	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2316	0.1	/	7	2315.050	-37.44	-13	Pass
2316	2320	1	CHP	8	2316.500	-30.58	-13	Pass
2320	2324	1	CHP	9	2320.500	-34.01	-25	Pass
2324	2328	1	CHP	10	2324.050	-39.94	-31	Pass
2328	2337	1	CHP	11	2328.050	-44.05	-37	Pass
2337	2341	1	CHP	12	2338.150	-49.94	-31	Pass
2341	2345	1	CHP	13	2344.500	-51.36	-25	Pass

Band40a_10MHz_16QAM_HCH_2310MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	CHP	1	2287.921	-52.25	-40	Pass
2288	2292	1	CHP	2	2290.983	-52.19	-37	Pass
2292	2296	1	CHP	3	2295.981	-51.90	-31	Pass
2296	2300	1	CHP	4	2296.601	-38.31	-25	Pass
2300	2320	1	CHP	5	2301.387	-45.77	-13	Pass
2320	2305	0.003	/	6	2304.991	-65.10	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2316	0.003	/	7	2315.027	-47.64	-13	Pass
2316	2320	1	CHP	8	2316.519	-41.01	-13	Pass
2320	2324	1	CHP	9	2323.048	-45.52	-25	Pass
2324	2328	1	CHP	10	2324.017	-50.10	-31	Pass
2328	2337	1	CHP	11	2331.786	-49.47	-37	Pass
2337	2341	1	CHP	12	2340.776	-51.75	-31	Pass
2341	2345	1	CHP	13	2341.648	-51.96	-25	Pass

Band40a_10MHz_16QAM_HCH_2310MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	CHP	1	2287.950	-50.86	-40	Pass
2288	2292	1	CHP	2	2292.000	-46.31	-37	Pass
2292	2296	1	CHP	3	2295.650	-41.91	-31	Pass
2296	2300	1	CHP	4	2299.950	-33.73	-25	Pass
2300	2320	1	CHP	5	2303.500	-30.87	-13	Pass
2320	2305	0.1	/	6	2304.750	-37.27	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2316	0.1	/	7	2315.050	-37.49	-13	Pass
2316	2320	1	CHP	8	2316.550	-31.19	-13	Pass
2320	2324	1	CHP	9	2320.500	-33.38	-25	Pass
2324	2328	1	CHP	10	2324.050	-38.78	-31	Pass
2328	2337	1	CHP	11	2328.050	-44.12	-37	Pass
2337	2341	1	CHP	12	2338.250	-51.14	-31	Pass
2341	2345	1	CHP	13	2344.500	-52.01	-25	Pass

7. Form731

7.1 Test Result

7.1.1 Form731_Power

Band	BW	Lower Freq	High Freq	MAX Power (W)	Value	Hz/ppm	Emission Designator	Rule Parts	MAX Power (dBm)
40a	5	2307.5	2312.5	0.1466	0.0219	ppm	4M55G7D	/	21.66
40a	5	2307.5	2312.5	0.1361	0.0219	ppm	4M57W7D	/	21.34
40a	10	2310	2310	0.1503	0.0195	ppm	9M08G7D	/	21.77
40a	10	2310	2310	0.1409	0.0191	ppm	9M11W7D	/	21.49

7.1.2 Form731_EIRP

Band	BW	Lower Freq	High Freq	MAX Power (W)	Value	Hz/ppm	Emission Designator	Rule Parts	MAX Power (dBm)
40a	5	2307.5	2312.5	0.1422	0.0219	ppm	4M55G7D	/	21.45
40a	5	2307.5	2312.5	0.1321	0.0219	ppm	4M57W7D	/	21.13
40a	10	2310	2310	0.1432	0.0195	ppm	9M08G7D	/	21.56
40a	10	2310	2310	0.1342	0.0191	ppm	9M11W7D	/	21.28