

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	20.27	0.30	20.57	<=23.98	Pass
			13	20.27	0.30	20.57	<=23.98	Pass
			24	20.27	0.30	20.57	<=23.98	Pass
		12	0	19.11	0.30	19.41	<=23.98	Pass
			6	19.28	0.30	19.58	<=23.98	Pass
			13	19.12	0.30	19.42	<=23.98	Pass
		25	0	19.29	0.30	19.59	<=23.98	Pass
	2310	1	0	20.16	0.30	20.46	<=23.98	Pass
			13	20.19	0.30	20.49	<=23.98	Pass
			24	20.17	0.30	20.47	<=23.98	Pass
		12	0	19.26	0.30	19.56	<=23.98	Pass
			6	19.38	0.30	19.68	<=23.98	Pass
			13	19.39	0.30	19.69	<=23.98	Pass
		25	0	19.41	0.30	19.71	<=23.98	Pass
	2312.5	1	0	20.26	0.30	20.56	<=23.98	Pass
			13	20.34	0.30	20.64	<=23.98	Pass
			24	20.28	0.30	20.58	<=23.98	Pass
		12	0	19.22	0.30	19.52	<=23.98	Pass
			6	19.22	0.30	19.52	<=23.98	Pass
			13	19.24	0.30	19.54	<=23.98	Pass
		25	0	19.43	0.30	19.73	<=23.98	Pass
16QAM	2307.5	1	0	19.27	0.30	19.57	<=23.98	Pass
			13	19.24	0.30	19.54	<=23.98	Pass
			24	19.10	0.30	19.40	<=23.98	Pass
		12	0	18.25	0.30	18.55	<=23.98	Pass
			6	18.42	0.30	18.72	<=23.98	Pass
			13	18.07	0.30	18.37	<=23.98	Pass
		25	0	18.12	0.30	18.42	<=23.98	Pass
	2310	1	0	19.20	0.30	19.50	<=23.98	Pass
			13	19.33	0.30	19.63	<=23.98	Pass
			24	19.18	0.30	19.48	<=23.98	Pass
		12	0	18.42	0.30	18.72	<=23.98	Pass
			6	18.47	0.30	18.77	<=23.98	Pass
			13	18.33	0.30	18.63	<=23.98	Pass
		25	0	18.38	0.30	18.68	<=23.98	Pass
	2312.5	1	0	19.21	0.30	19.51	<=23.98	Pass
			13	19.49	0.30	19.79	<=23.98	Pass
			24	19.17	0.30	19.47	<=23.98	Pass
		12	0	18.21	0.30	18.51	<=23.98	Pass
			6	18.40	0.30	18.70	<=23.98	Pass
			13	18.31	0.30	18.61	<=23.98	Pass
		25	0	18.39	0.30	18.69	<=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	20.47	0.30	20.77	<=23.98	Pass
			25	20.54	0.30	20.84	<=23.98	Pass
			49	20.37	0.30	20.67	<=23.98	Pass
		25	0	19.45	0.30	19.75	<=23.98	Pass
			13	19.46	0.30	19.76	<=23.98	Pass
			25	19.36	0.30	19.66	<=23.98	Pass
		50	0	19.35	0.30	19.65	<=23.98	Pass
16QAM	2310	1	0	19.42	0.30	19.72	<=23.98	Pass
			25	19.28	0.30	19.58	<=23.98	Pass
			49	19.29	0.30	19.59	<=23.98	Pass
		25	0	18.39	0.30	18.69	<=23.98	Pass
			13	18.22	0.30	18.52	<=23.98	Pass
			25	18.41	0.30	18.71	<=23.98	Pass
		50	0	18.24	0.30	18.54	<=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	-1.988	-0.0009	-2.5 to 2.5	Pass
					3.85	-17.595	-0.0076	-2.5 to 2.5	Pass
					4.43	-6.580	-0.0029	-2.5 to 2.5	Pass
				-30	3.85	-15.879	-0.0069	-2.5 to 2.5	Pass
				-20	3.85	-32.659	-0.0142	-2.5 to 2.5	Pass
				-10	3.85	-45.834	-0.0199	-2.5 to 2.5	Pass
				0	3.85	-63.672	-0.0276	-2.5 to 2.5	Pass
				10	3.85	1.702	0.0007	-2.5 to 2.5	Pass
				30	3.85	-11.630	-0.0050	-2.5 to 2.5	Pass
				40	3.85	-22.316	-0.0097	-2.5 to 2.5	Pass
				50	3.85	-36.950	-0.0160	-2.5 to 2.5	Pass
	2310	25	0	20	3.27	-6.294	-0.0027	-2.5 to 2.5	Pass
					3.85	7.281	0.0032	-2.5 to 2.5	Pass
					4.43	-7.653	-0.0033	-2.5 to 2.5	Pass
				-30	3.85	-18.139	-0.0079	-2.5 to 2.5	Pass
				-20	3.85	-16.236	-0.0070	-2.5 to 2.5	Pass
				-10	3.85	-28.653	-0.0124	-2.5 to 2.5	Pass
				0	3.85	-25.077	-0.0109	-2.5 to 2.5	Pass
				10	3.85	-32.887	-0.0142	-2.5 to 2.5	Pass
				30	3.85	-11.659	-0.0050	-2.5 to 2.5	Pass
				40	3.85	-25.721	-0.0111	-2.5 to 2.5	Pass
				50	3.85	-2.346	-0.0010	-2.5 to 2.5	Pass
	2312.5	25	0	20	3.27	-6.852	-0.0030	-2.5 to 2.5	Pass
					3.85	-33.560	-0.0145	-2.5 to 2.5	Pass
					4.43	-14.319	-0.0062	-2.5 to 2.5	Pass
				-30	3.85	-35.019	-0.0151	-2.5 to 2.5	Pass
				-20	3.85	-26.836	-0.0116	-2.5 to 2.5	Pass
				-10	3.85	-40.283	-0.0174	-2.5 to 2.5	Pass
				0	3.85	-43.745	-0.0189	-2.5 to 2.5	Pass

16QAM				10	3.85	-42.357	-0.0183	-2.5 to 2.5	Pass
				30	3.85	-47.421	-0.0205	-2.5 to 2.5	Pass
				40	3.85	-68.336	-0.0296	-2.5 to 2.5	Pass
				50	3.85	-65.832	-0.0285	-2.5 to 2.5	Pass
	2307.5	25	0	20	3.27	-15.893	-0.0069	-2.5 to 2.5	Pass
					3.85	-1.187	-0.0005	-2.5 to 2.5	Pass
					4.43	-4.735	-0.0021	-2.5 to 2.5	Pass
				-30	3.85	0.758	0.0003	-2.5 to 2.5	Pass
				-20	3.85	8.626	0.0037	-2.5 to 2.5	Pass
				-10	3.85	0.229	0.0001	-2.5 to 2.5	Pass
				0	3.85	-0.658	-0.0003	-2.5 to 2.5	Pass
				10	3.85	2.775	0.0012	-2.5 to 2.5	Pass
				30	3.85	10.643	0.0046	-2.5 to 2.5	Pass
				40	3.85	-2.546	-0.0011	-2.5 to 2.5	Pass
				50	3.85	-2.360	-0.0010	-2.5 to 2.5	Pass
	2310	25	0	20	3.27	-15.893	-0.0069	-2.5 to 2.5	Pass
					3.85	-0.658	-0.0003	-2.5 to 2.5	Pass
					4.43	-11.144	-0.0048	-2.5 to 2.5	Pass
				-30	3.85	-7.238	-0.0031	-2.5 to 2.5	Pass
				-20	3.85	-6.065	-0.0026	-2.5 to 2.5	Pass
				-10	3.85	-2.489	-0.0011	-2.5 to 2.5	Pass
				0	3.85	-3.490	-0.0015	-2.5 to 2.5	Pass
				10	3.85	-21.358	-0.0092	-2.5 to 2.5	Pass
				30	3.85	-17.066	-0.0074	-2.5 to 2.5	Pass
				40	3.85	-22.702	-0.0098	-2.5 to 2.5	Pass
				50	3.85	-38.767	-0.0168	-2.5 to 2.5	Pass
	2312.5	25	0	20	3.27	-26.464	-0.0114	-2.5 to 2.5	Pass
					3.85	-22.259	-0.0096	-2.5 to 2.5	Pass
					4.43	-25.320	-0.0109	-2.5 to 2.5	Pass
				-30	3.85	-5.293	-0.0023	-2.5 to 2.5	Pass
				-20	3.85	-11.959	-0.0052	-2.5 to 2.5	Pass
				-10	3.85	-16.837	-0.0073	-2.5 to 2.5	Pass
				0	3.85	-41.184	-0.0178	-2.5 to 2.5	Pass
				10	3.85	-18.783	-0.0081	-2.5 to 2.5	Pass
				30	3.85	-20.113	-0.0087	-2.5 to 2.5	Pass
				40	3.85	-36.807	-0.0159	-2.5 to 2.5	Pass
				50	3.85	-41.299	-0.0179	-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	-12.131	-0.0053	-2.5 to 2.5	Pass
					3.85	11.458	0.0050	-2.5 to 2.5	Pass
					4.43	-29.497	-0.0128	-2.5 to 2.5	Pass
				-30	3.85	-27.838	-0.0121	-2.5 to 2.5	Pass
				-20	3.85	-23.417	-0.0101	-2.5 to 2.5	Pass
				-10	3.85	-23.875	-0.0103	-2.5 to 2.5	Pass
				0	3.85	-9.942	-0.0043	-2.5 to 2.5	Pass
				10	3.85	-22.659	-0.0098	-2.5 to 2.5	Pass
				30	3.85	-13.690	-0.0059	-2.5 to 2.5	Pass
				40	3.85	-20.442	-0.0088	-2.5 to 2.5	Pass
				50	3.85	-19.083	-0.0083	-2.5 to 2.5	Pass
16QAM	2310	50	0	20	3.27	-0.200	-0.0001	-2.5 to 2.5	Pass
					3.85	-4.563	-0.0020	-2.5 to 2.5	Pass
					4.43	-4.649	-0.0020	-2.5 to 2.5	Pass

				-30	3.85	-10.242	-0.0044	-2.5 to 2.5	Pass
				-20	3.85	-2.961	-0.0013	-2.5 to 2.5	Pass
				-10	3.85	-12.317	-0.0053	-2.5 to 2.5	Pass
				0	3.85	-0.558	-0.0002	-2.5 to 2.5	Pass
				10	3.85	-6.065	-0.0026	-2.5 to 2.5	Pass
				30	3.85	-18.568	-0.0080	-2.5 to 2.5	Pass
				40	3.85	-12.188	-0.0053	-2.5 to 2.5	Pass
				50	3.85	-9.613	-0.0042	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B40a_5MHz

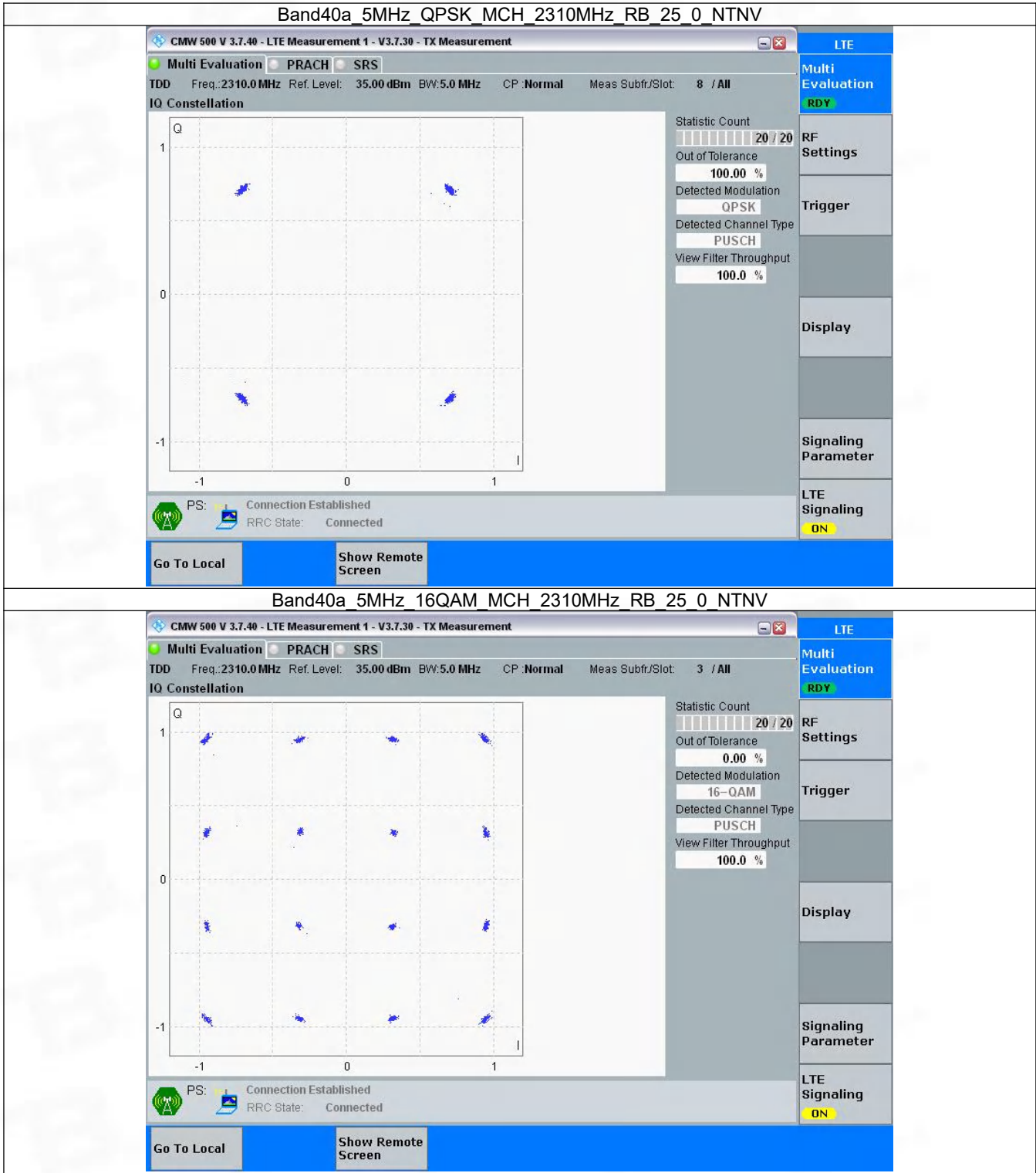
Band: 40a / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2310	25	0	Refer To Test Graph		Pass
16QAM	2310	25	0	Refer To Test Graph		Pass

3.1.2 B40a_10MHz

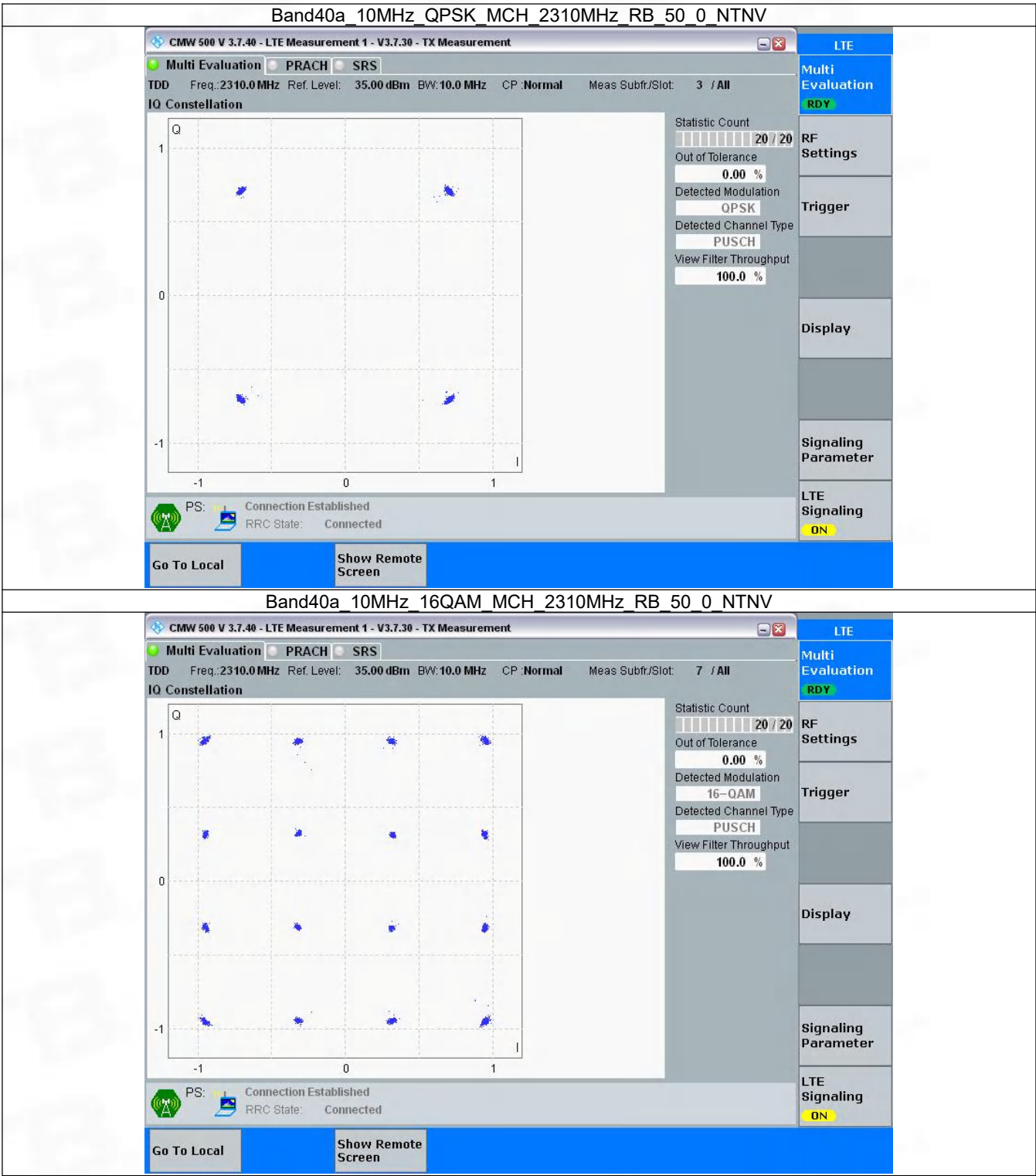
Band: 40a / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2310	50	0	Refer To Test Graph		Pass
16QAM	2310	50	0	Refer To Test Graph		Pass

3.2 Test Graph

3.2.1 B40a_5MHz



3.2.2 B40a_10MHz



4. 99% & 26dB Bandwidth

4.1 Test Result

4.1.1 Band40a_OBW

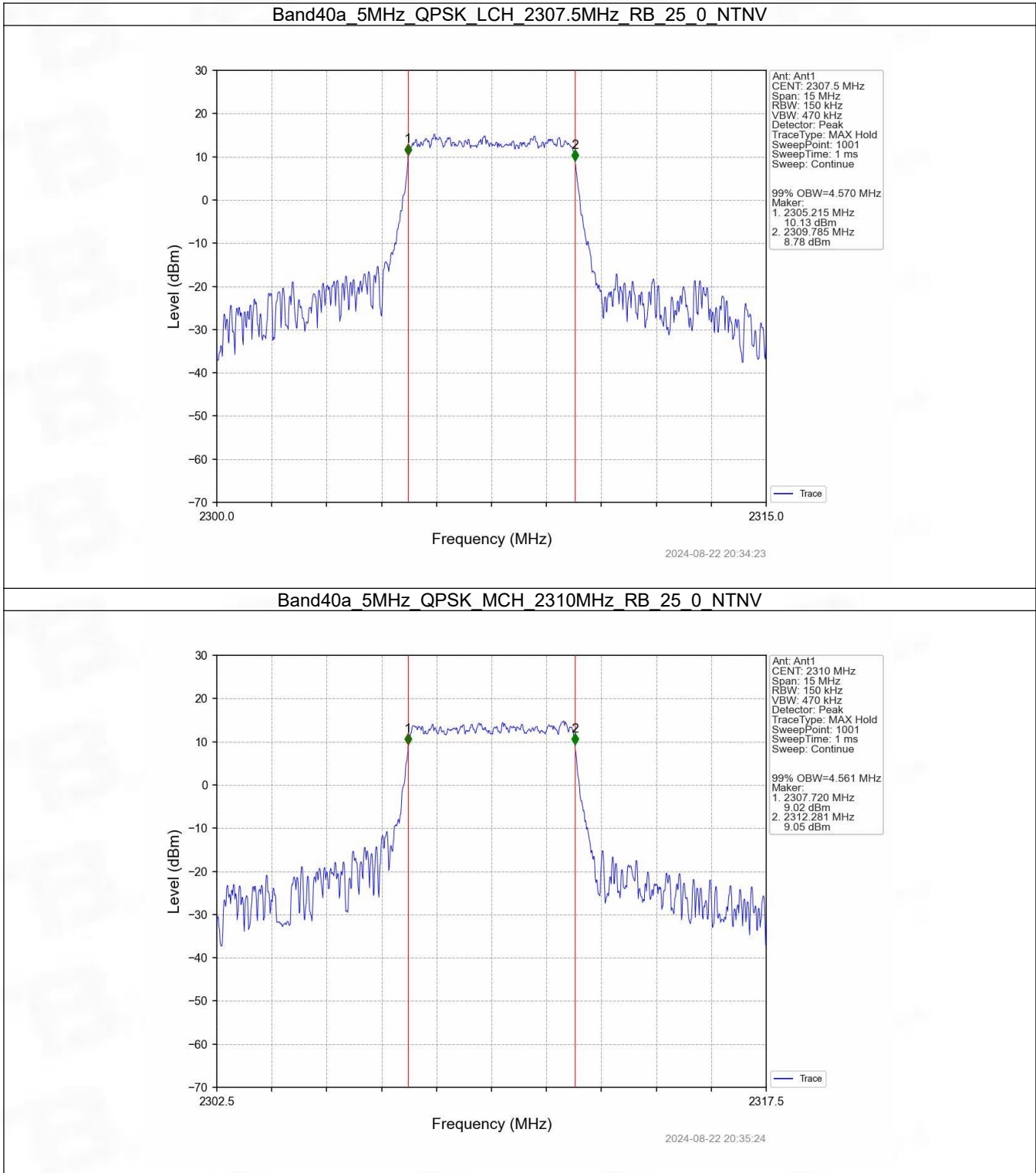
Band: 40a / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2307.5	25	0	4.570	/	Pass
		2310	25	0	4.561	/	Pass
		2312.5	25	0	4.562	/	Pass
	16QAM	2307.5	25	0	4.588	/	Pass
		2310	25	0	4.567	/	Pass
		2312.5	25	0	4.553	/	Pass
10	QPSK	2310	50	0	9.109	/	Pass
	16QAM	2310	50	0	9.076	/	Pass

4.1.2 Band40a_XDB

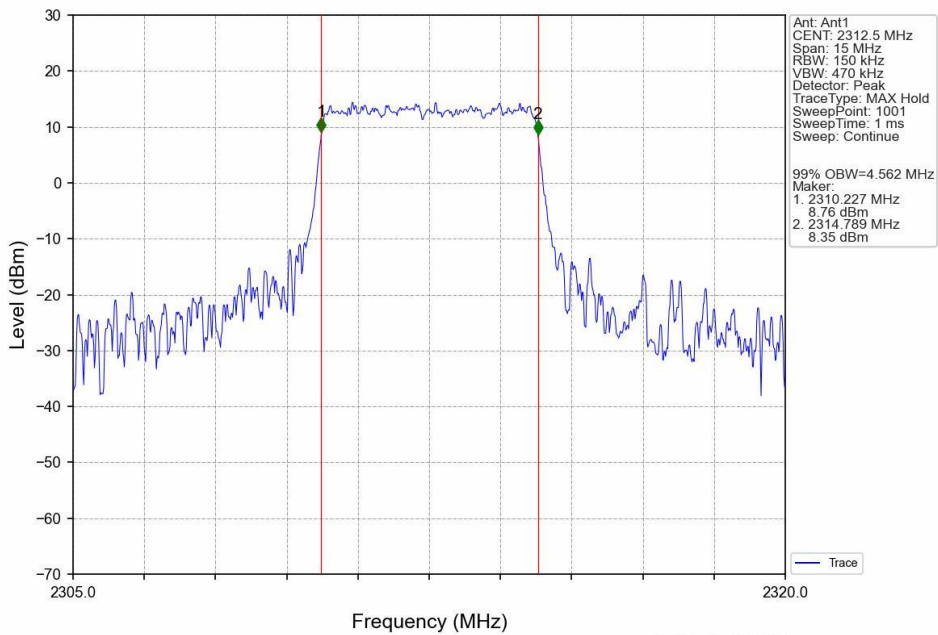
Band: 40a / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2307.5	25	0	5.304	/	Pass
		2310	25	0	5.517	/	Pass
		2312.5	25	0	5.387	/	Pass
	16QAM	2307.5	25	0	5.313	/	Pass
		2310	25	0	5.450	/	Pass
		2312.5	25	0	5.243	/	Pass
10	QPSK	2310	50	0	11.887	/	Pass
	16QAM	2310	50	0	10.155	/	Pass

4.2 Test Graph

4.2.1 Band40a_OBW

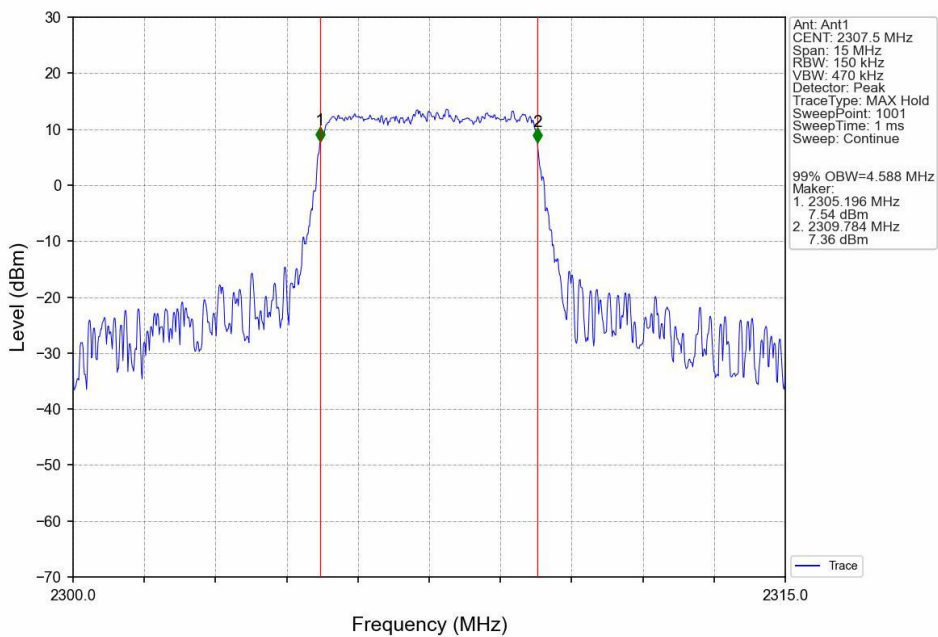


Band40a_5MHz_QPSK_HCH_2312.5MHz_RB_25_0_NTNV

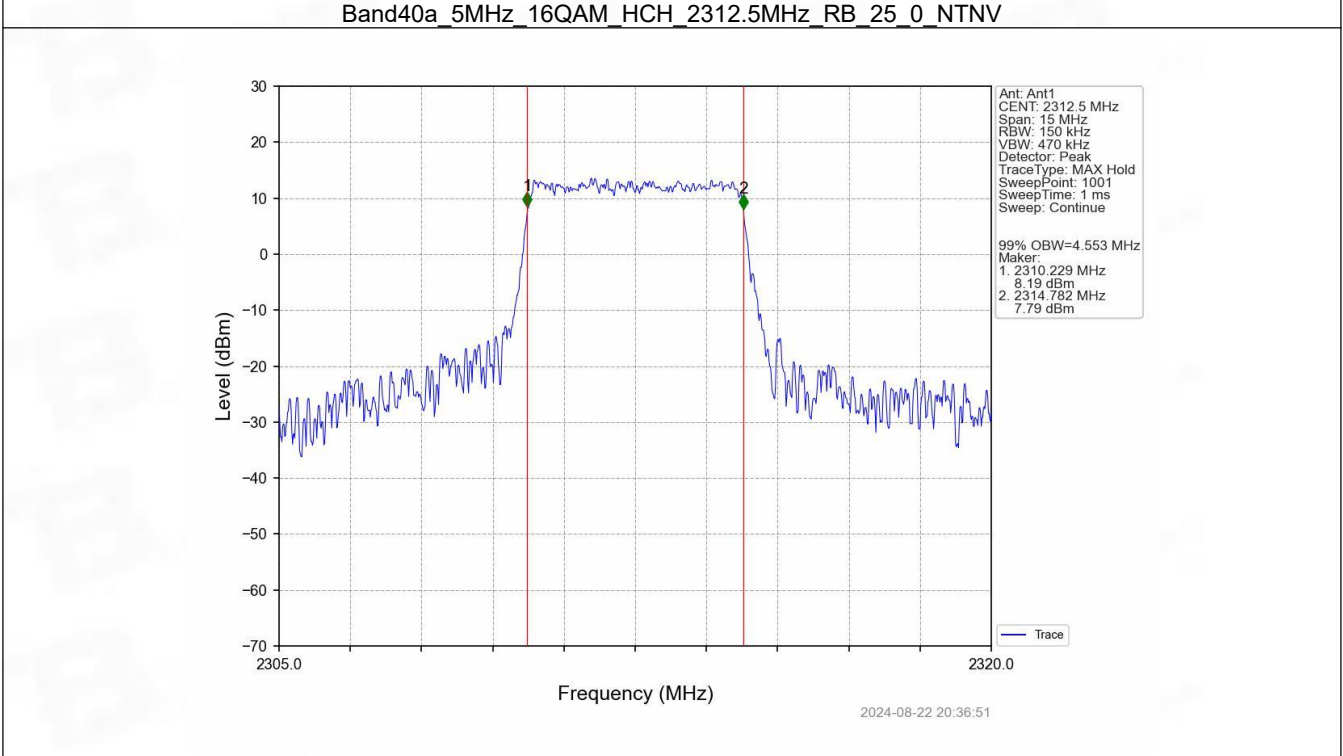
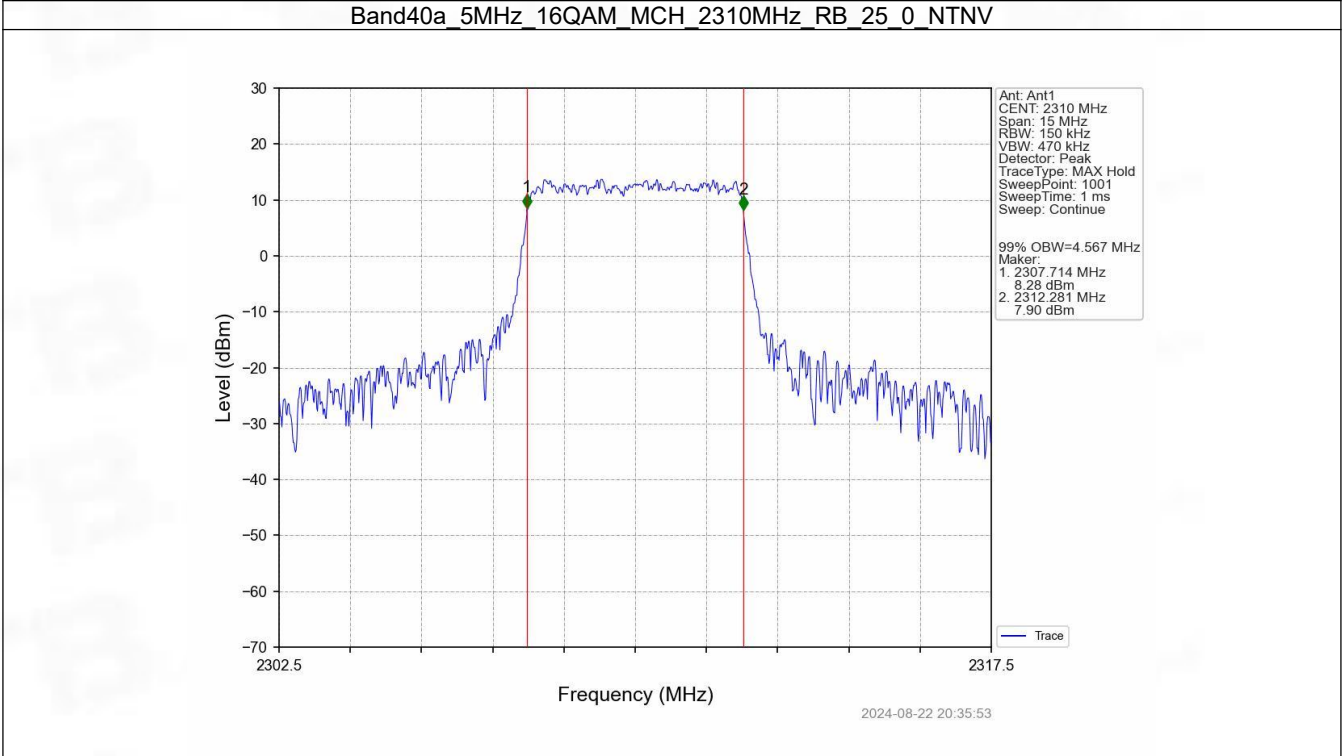


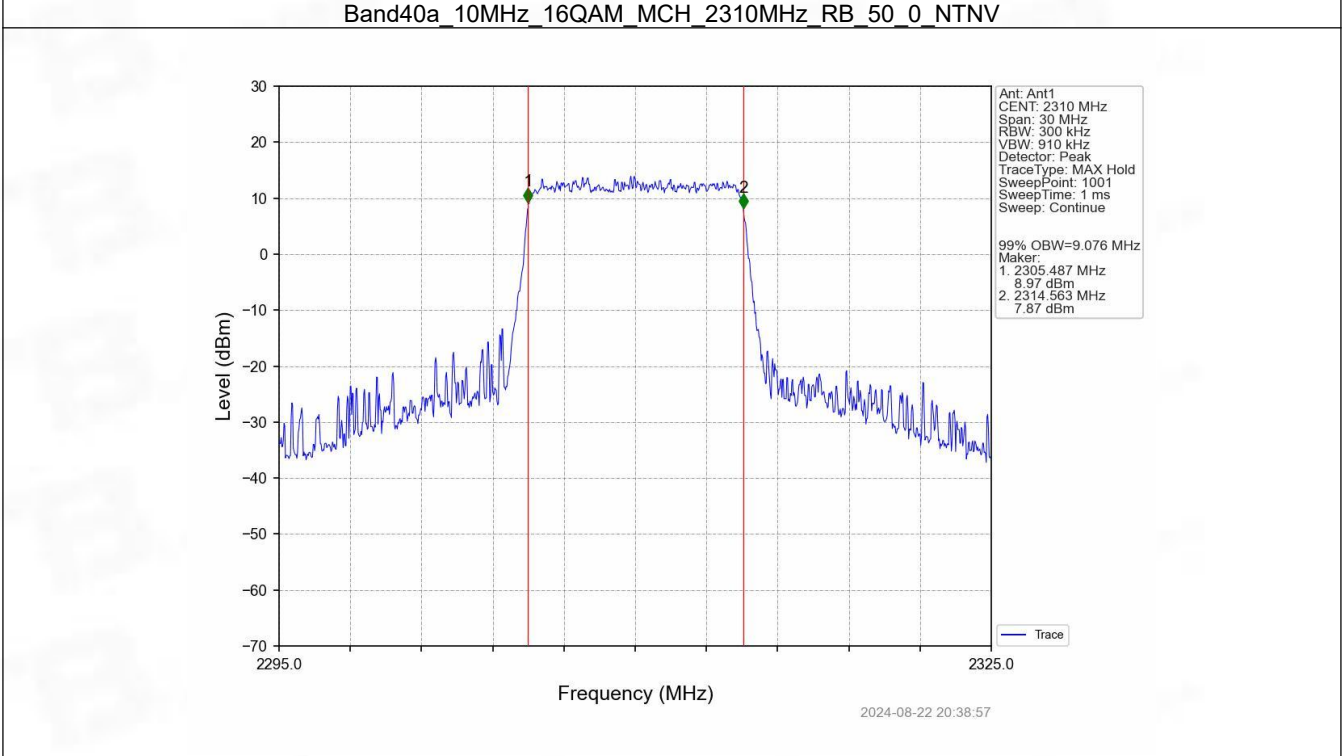
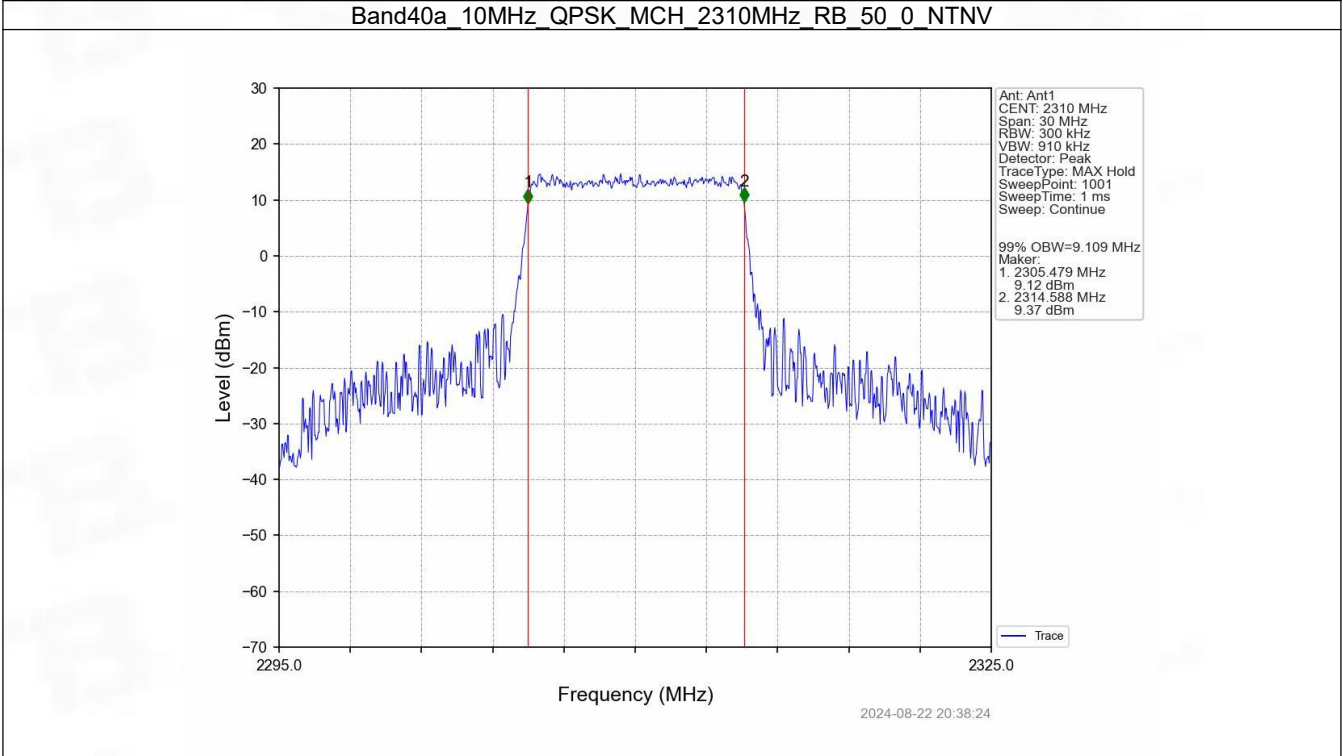
2024-08-22 20:36:23

Band40a_5MHz_16QAM_LCH_2307.5MHz_RB_25_0_NTNV

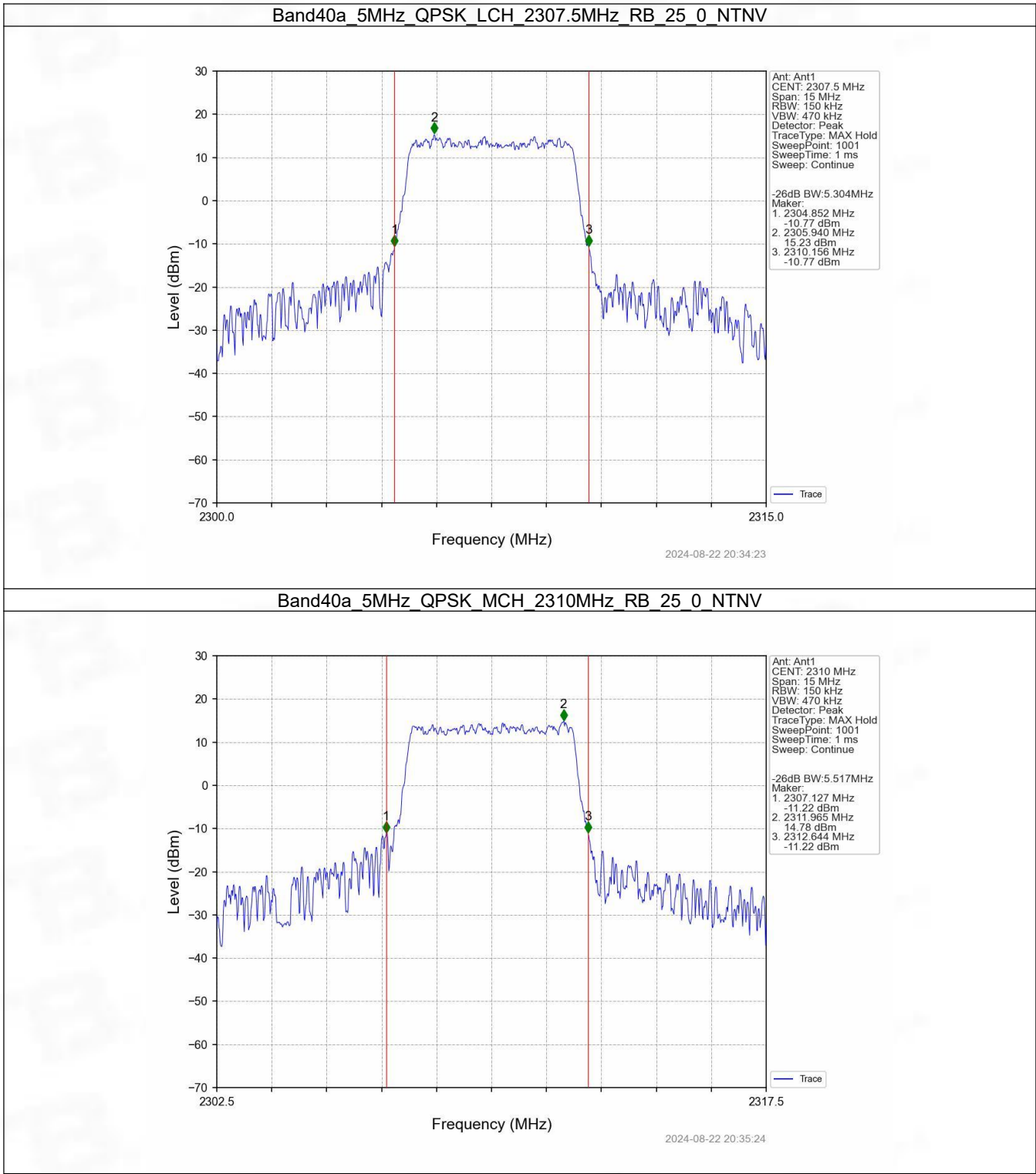


2024-08-22 20:34:55

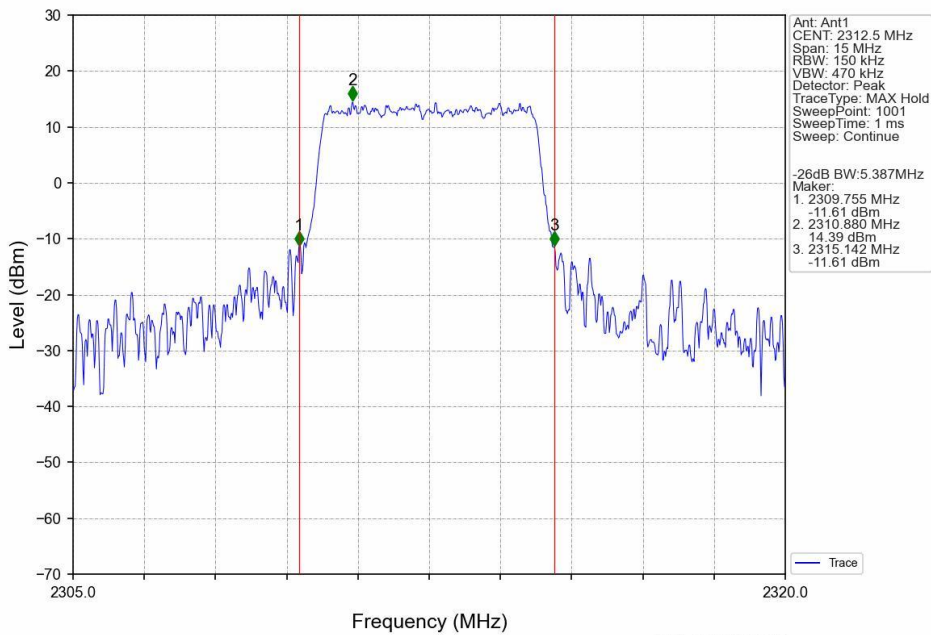




4.2.2 Band40a_XDB

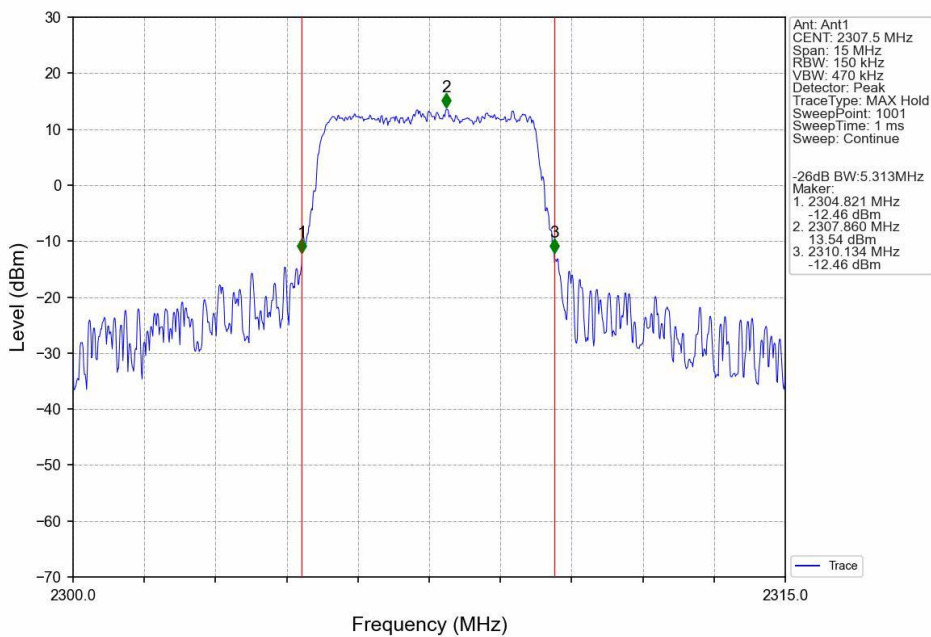


Band40a_5MHz_QPSK_HCH_2312.5MHz_RB_25_0_NTNV

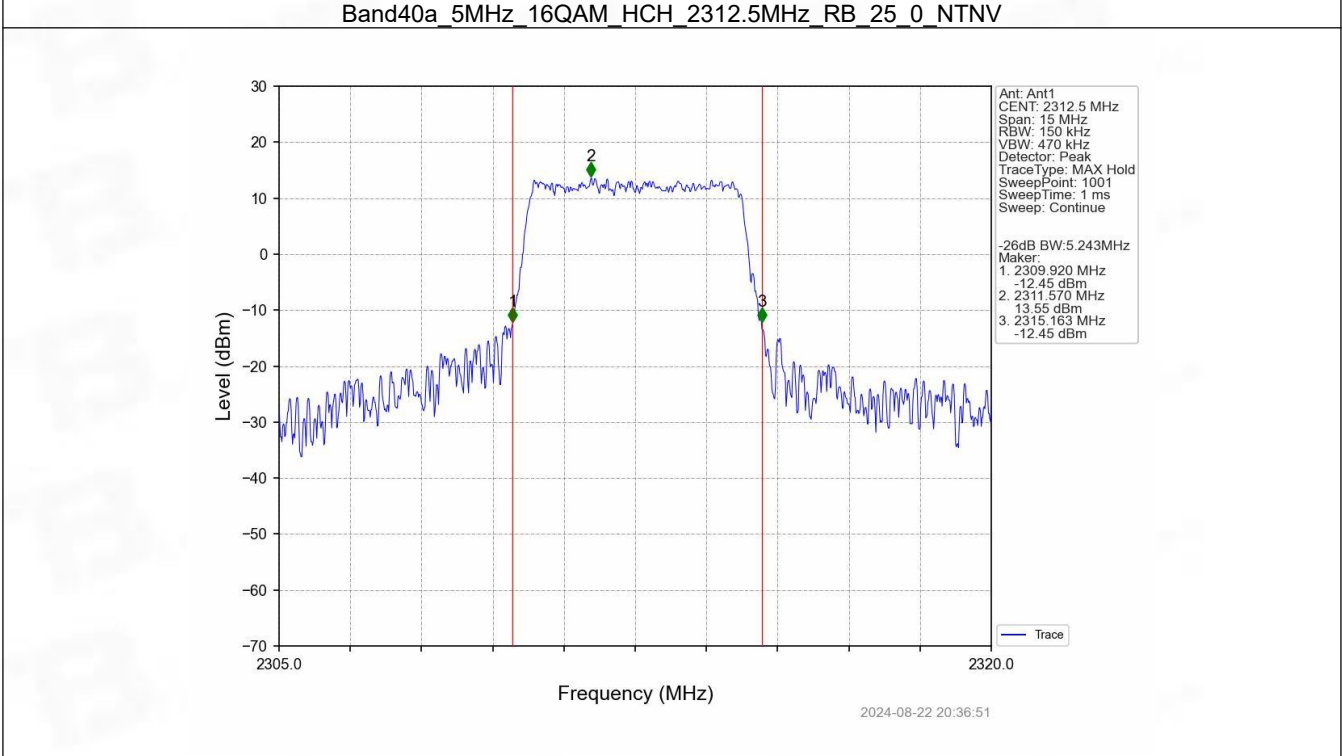
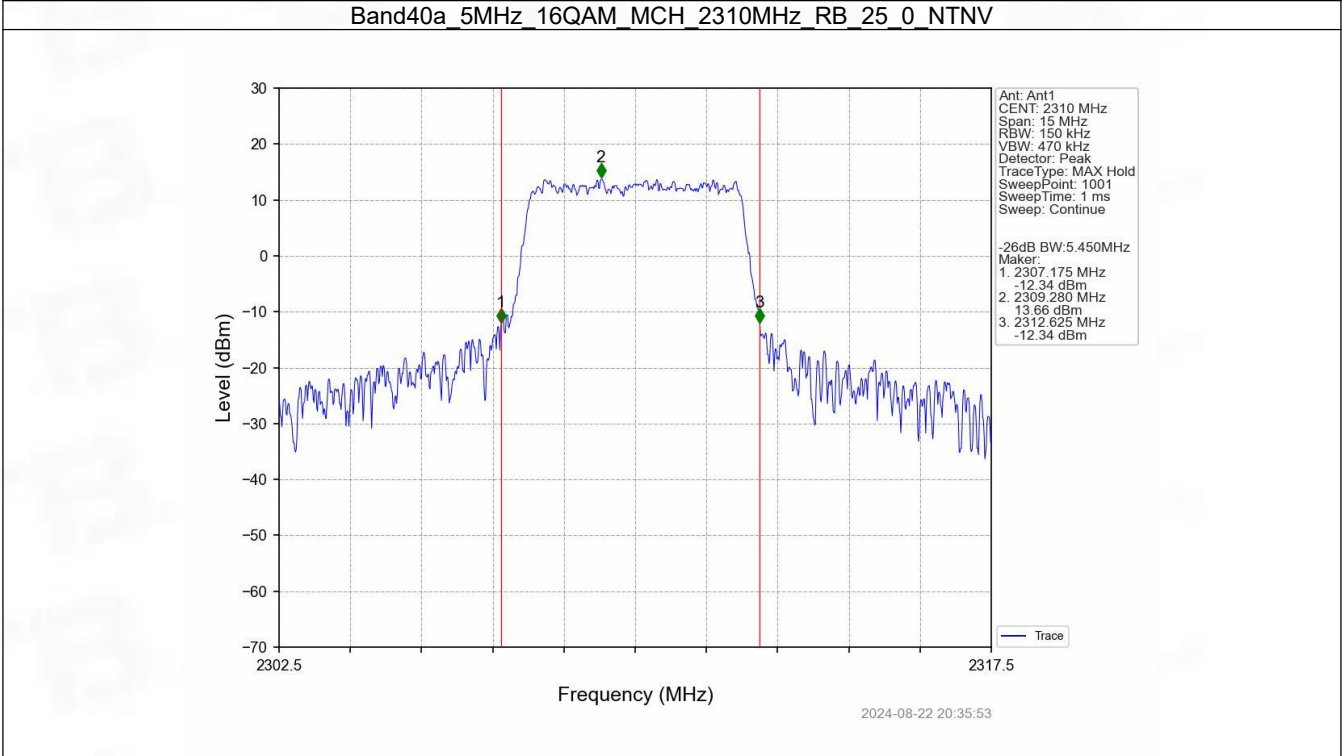


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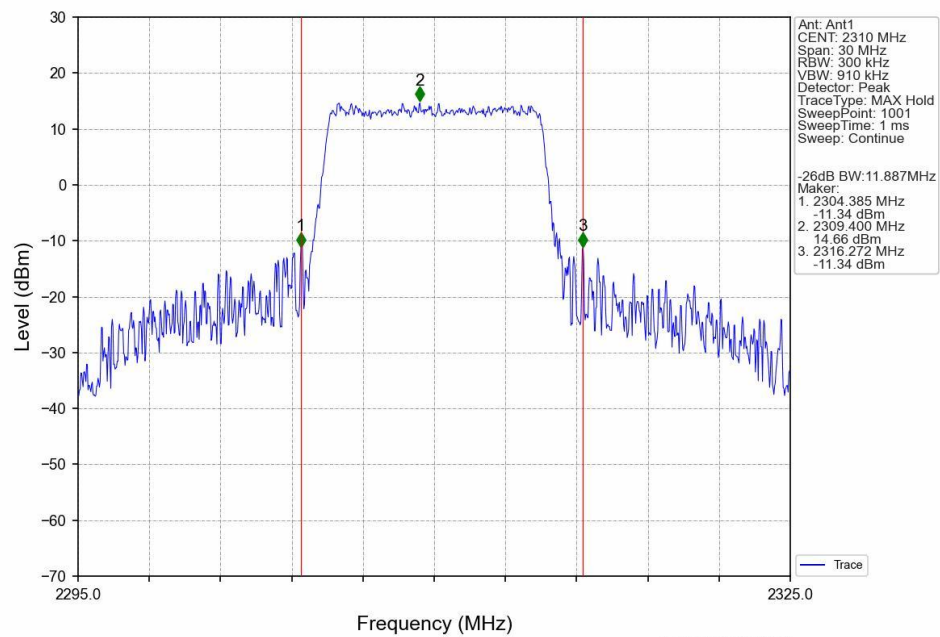
Band40a_5MHz_16QAM_LCH_2307.5MHz_RB_25_0_NTNV



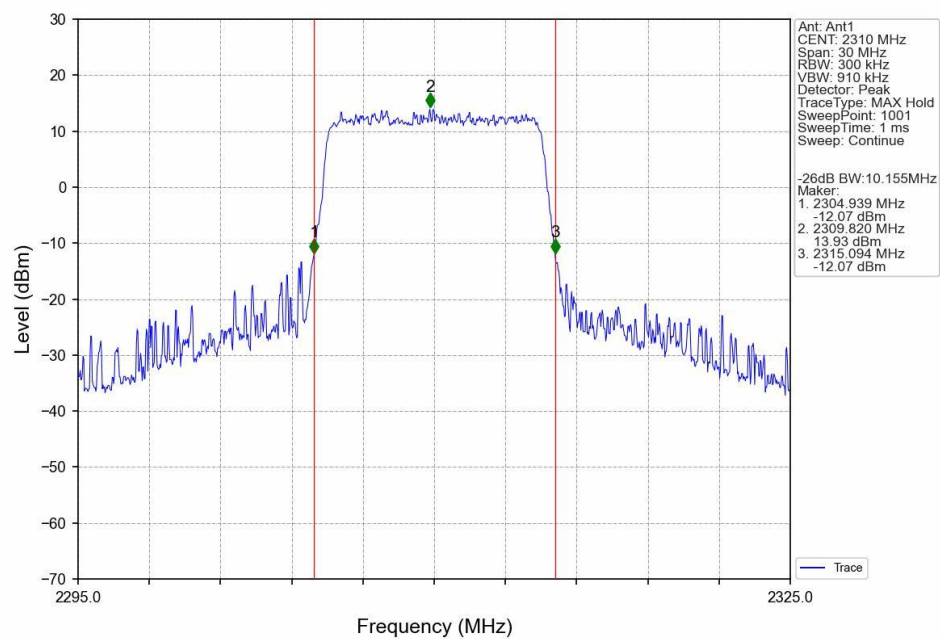
2024-08-22 20:34:55



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

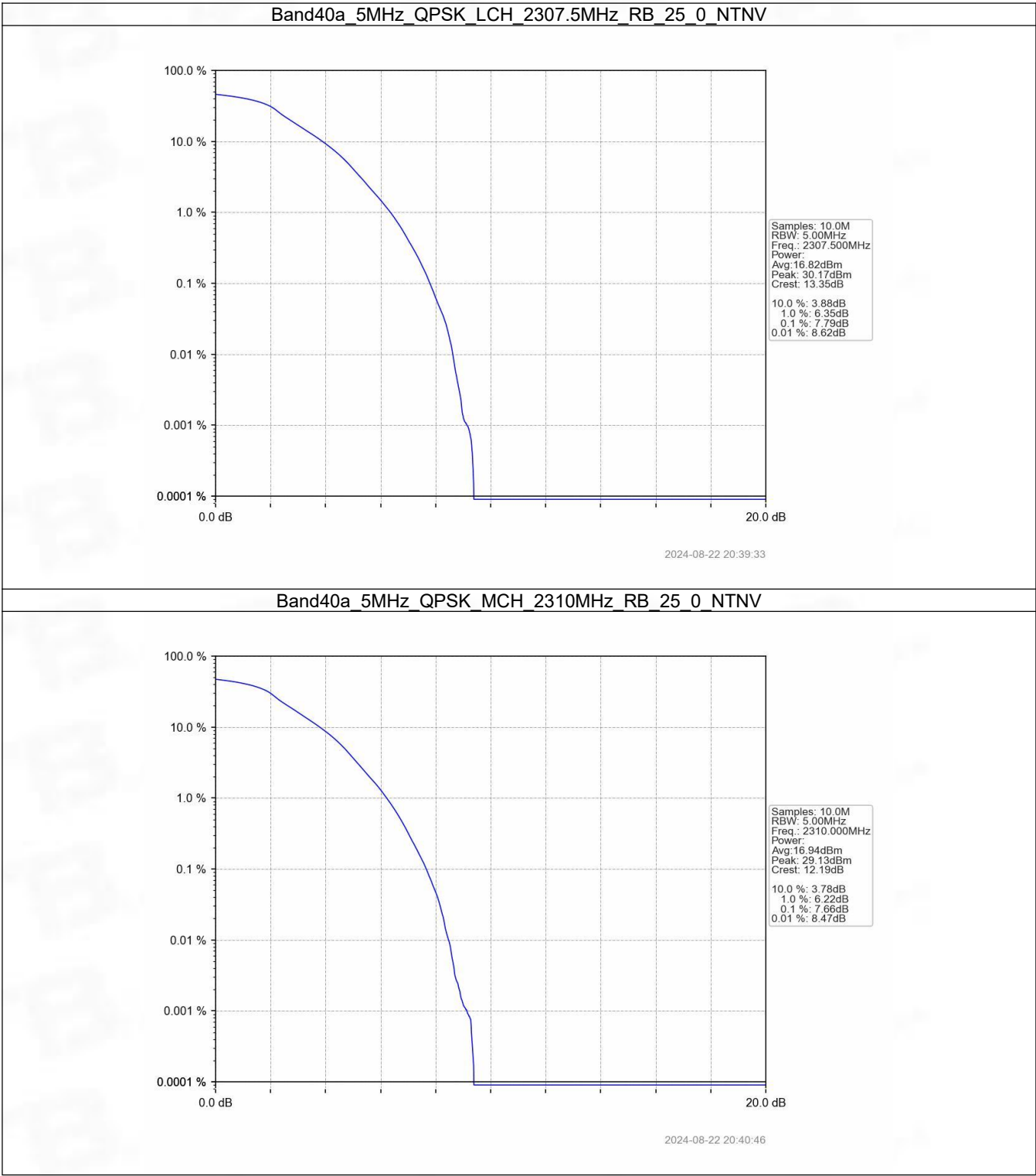
Band: 40a / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2307.5	25	0	7.79	<=13	Pass
	2310	25	0	7.66	<=13	Pass
	2312.5	25	0	7.76	<=13	Pass
16QAM	2307.5	25	0	8.51	<=13	Pass
	2310	25	0	8.51	<=13	Pass
	2312.5	25	0	8.45	<=13	Pass

5.1.2 B40a_10MHz

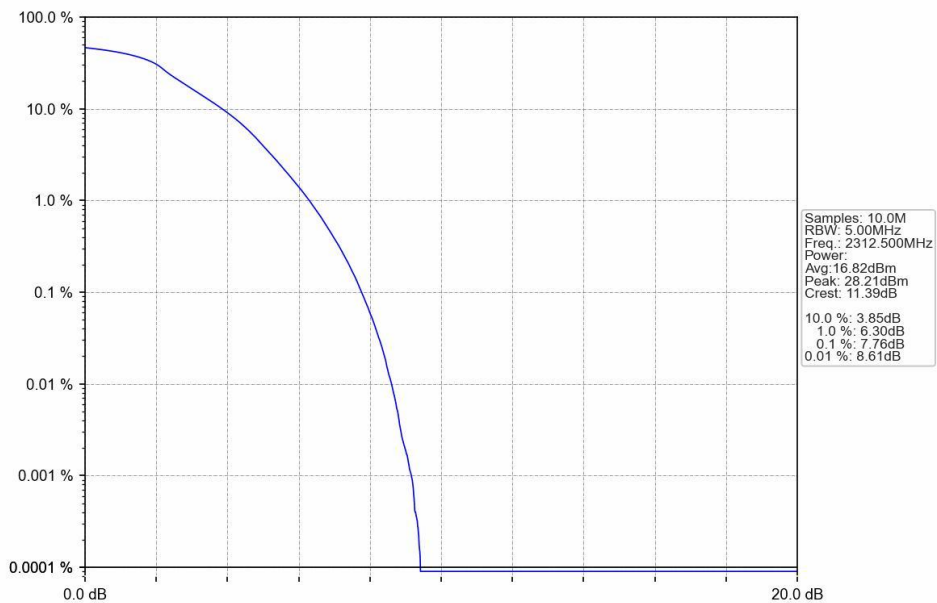
Band: 40a / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2310	50	0	7.78	<=13	Pass
16QAM	2310	50	0	8.47	<=13	Pass

5.2 Test Graph

5.2.1 B40a_5MHz

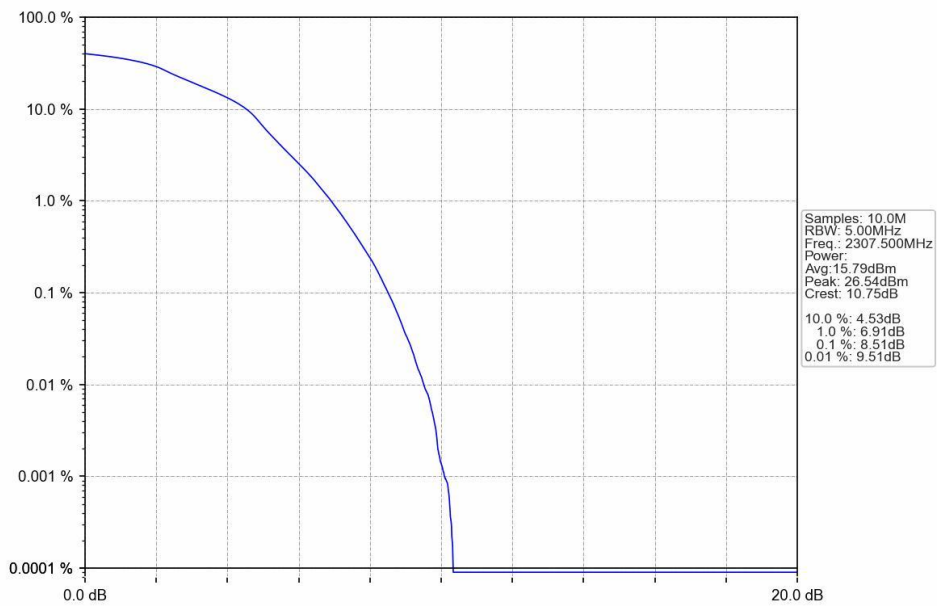


Band40a_5MHz_QPSK_HCH_2312.5MHz_RB_25_0_NTNV



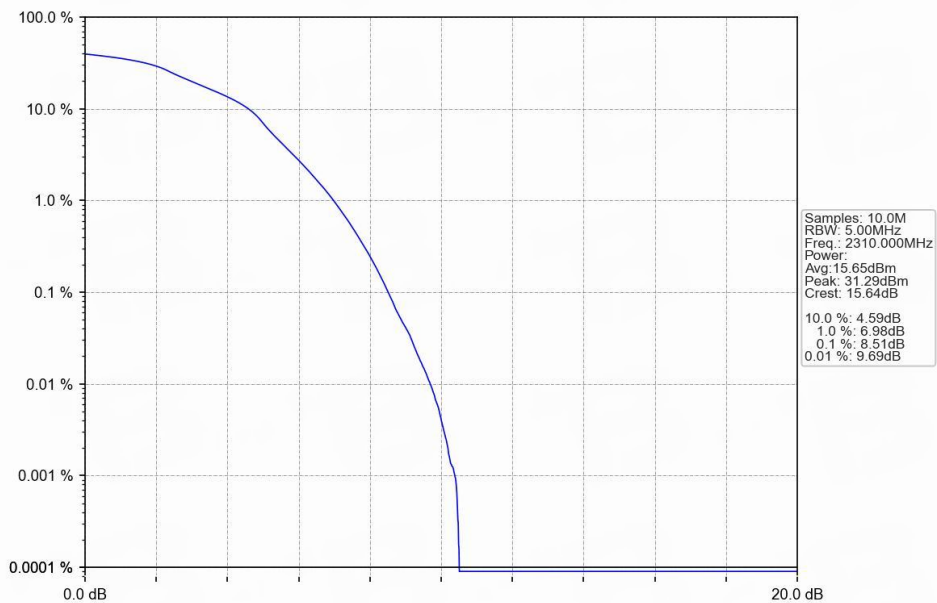
2024-08-22 20:42:00

Band40a_5MHz_16QAM_LCH_2307.5MHz_RB_25_0_NTNV



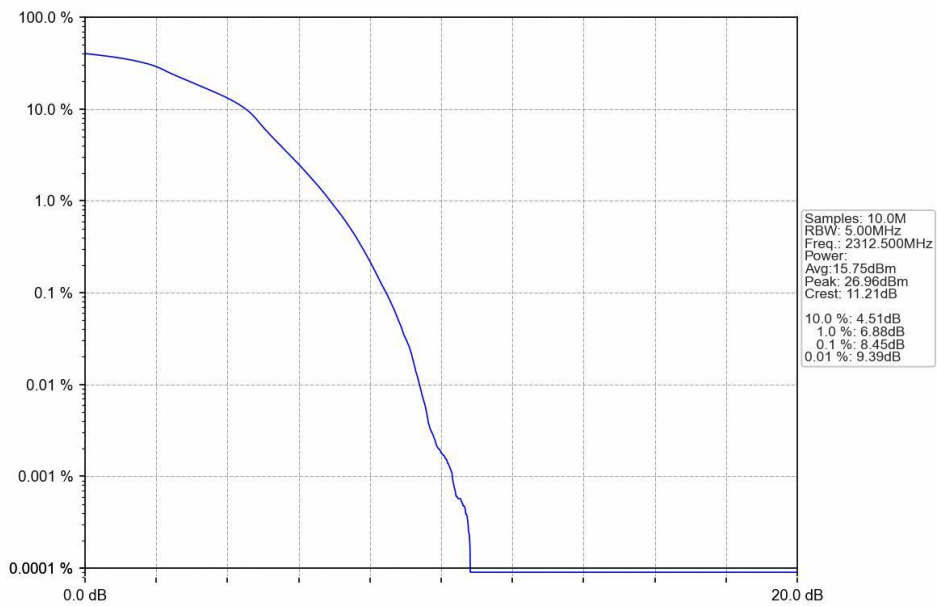
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Band40a_5MHz_16QAM_MCH_2310MHz_RB_25_0_NTNV



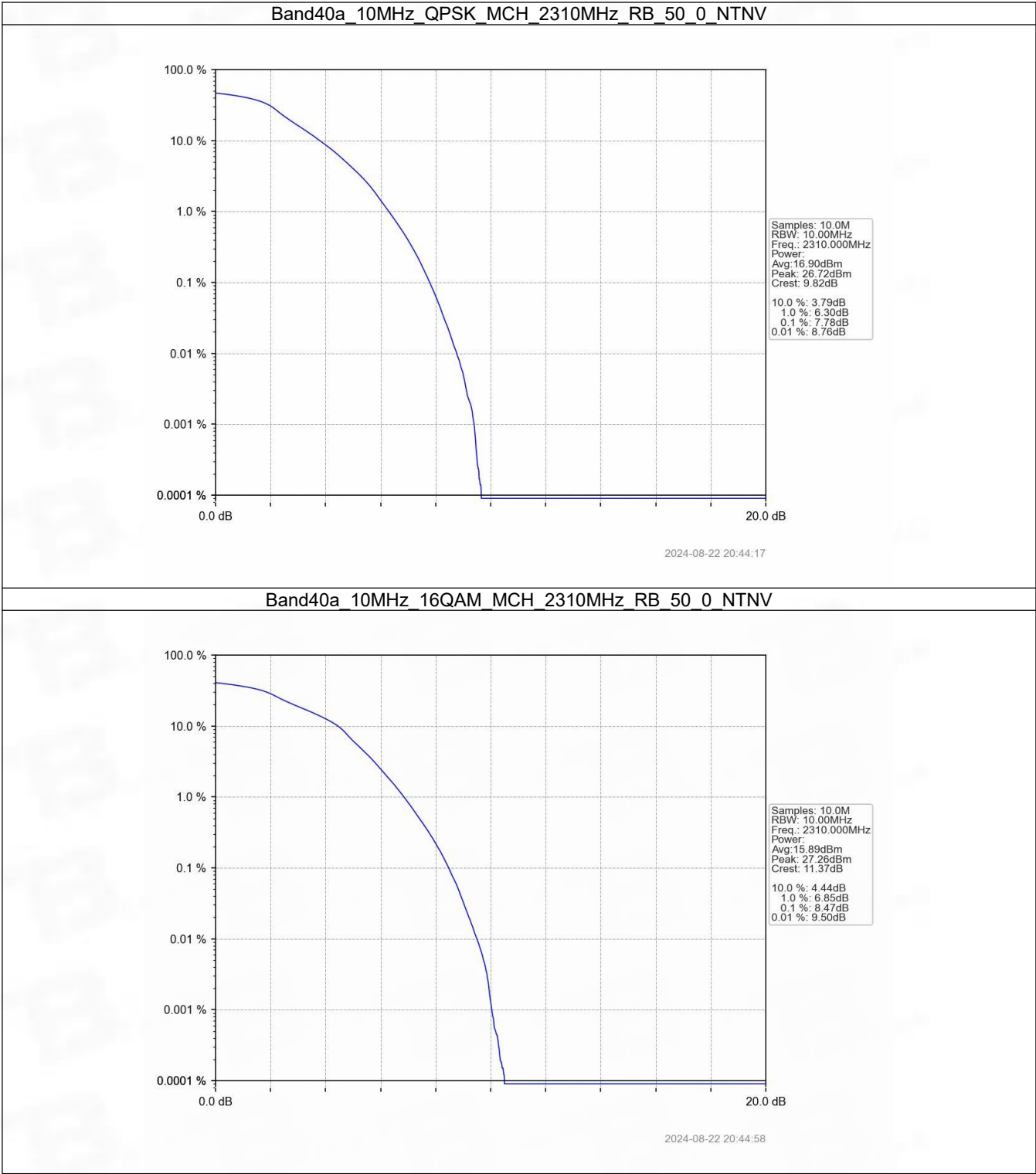
2024-08-22 20:41:22

Band40a_5MHz_16QAM_HCH_2312.5MHz_RB_25_0_NTNV



2024-08-22 20:42:37

5.2.2 B40a_10MHz



6. Spurious Emission

6.1 Test Result

6.1.1 B40a_5MHz

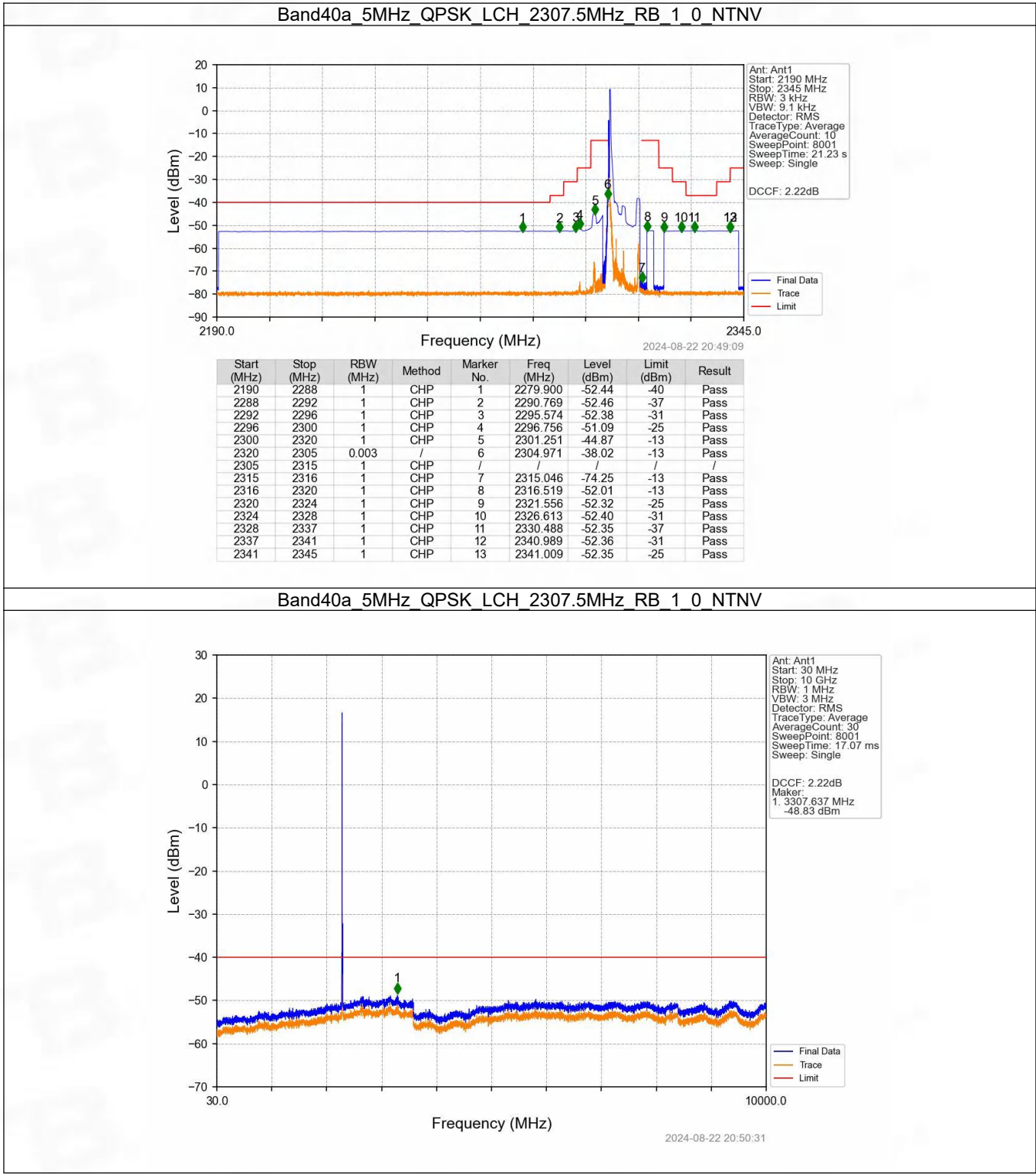
Band: 40a / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2307.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	2310	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
	2312.5	1	0	Refer To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

6.1.2 B40a_10MHz

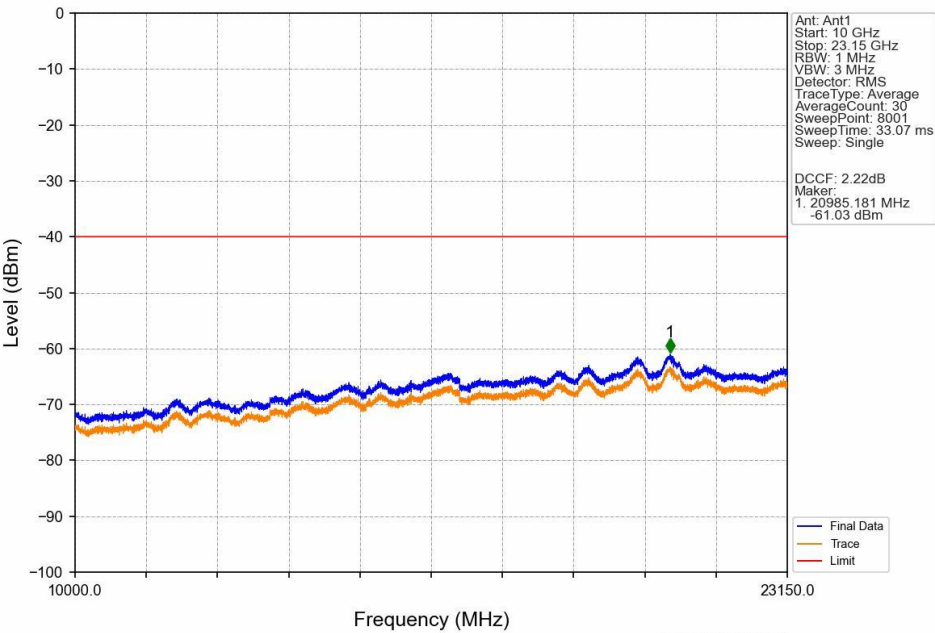
Band: 40a / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2310	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	2310	1	49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	2310	1	0	Refer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

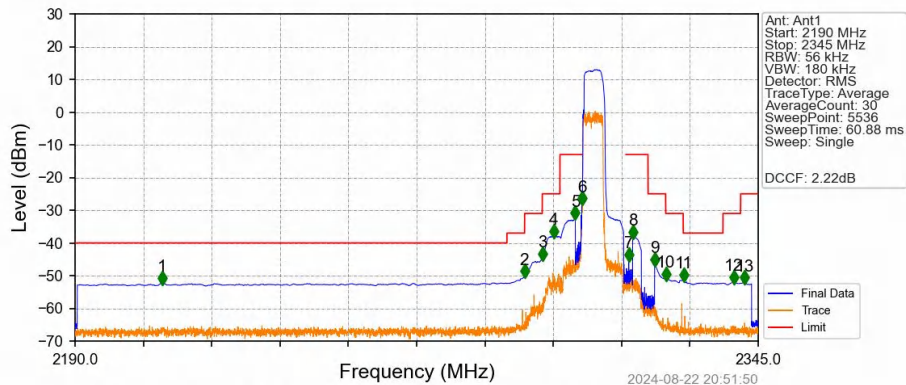
6.2.1 B40a_5MHz



Band40a_5MHz_QPSK_LCH_2307.5MHz_RB_1_0_NTNV

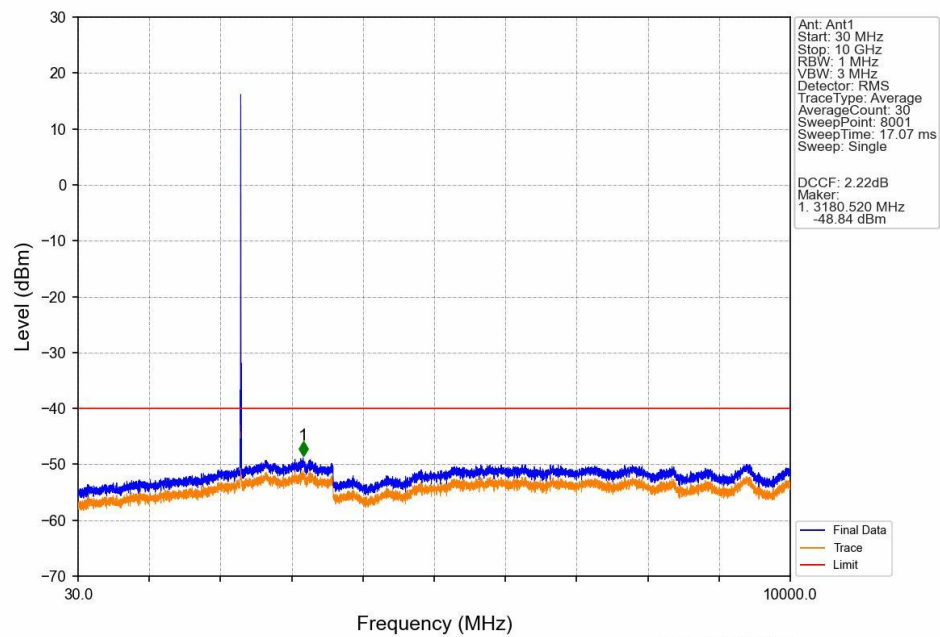


Band40a_5MHz_QPSK_LCH_2307.5MHz_RB_25_0_NTNV

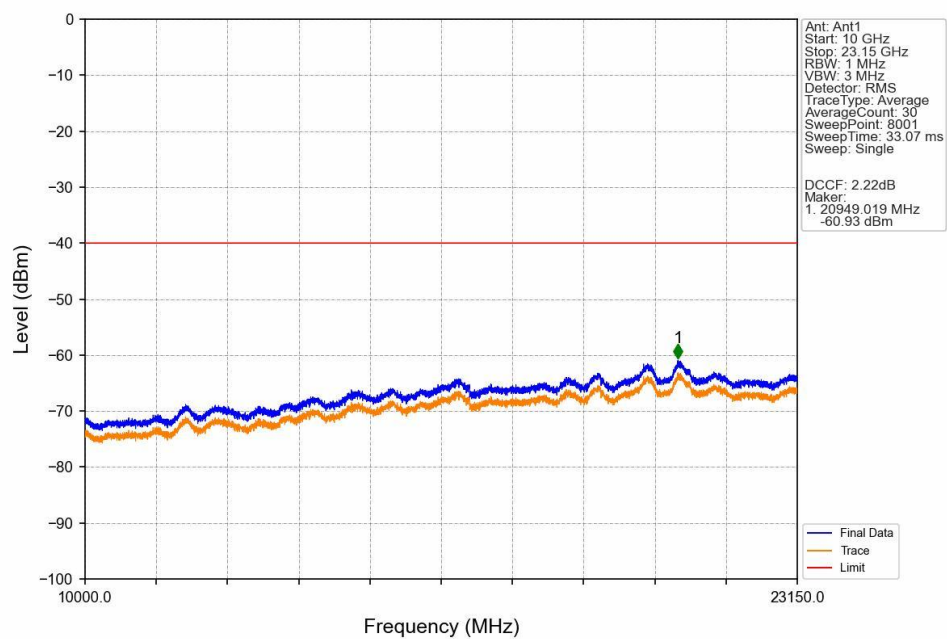


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	CHP	1	2209.799	-52.22	-40	Pass
2288	2292	1	CHP	2	2291.961	-50.20	-37	Pass
2292	2296	1	CHP	3	2295.994	-44.83	-31	Pass
2296	2300	1	CHP	4	2298.654	-37.94	-25	Pass
2300	2320	1	CHP	5	2303.499	-32.38	-13	Pass
2320	2305	0.056	/	6	2304.983	-27.93	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2316	1	CHP	7	2315.624	-45.20	-13	Pass
2316	2320	1	CHP	8	2316.604	-38.15	-13	Pass
2320	2324	1	CHP	9	2321.505	-46.52	-25	Pass
2324	2328	1	CHP	10	2324.053	-51.07	-31	Pass
2328	2337	1	CHP	11	2328.086	-51.28	-37	Pass
2337	2341	1	CHP	12	2339.427	-52.02	-31	Pass
2341	2345	1	CHP	13	2341.892	-52.16	-25	Pass

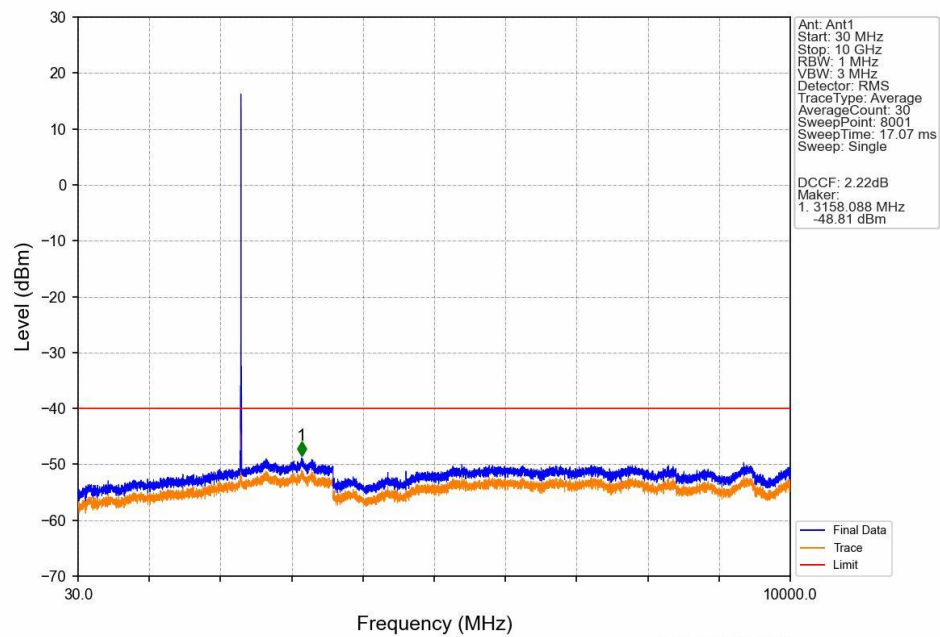
Band40a_5MHz_QPSK_MCH_2310MHz_RB_1_0_NTNV



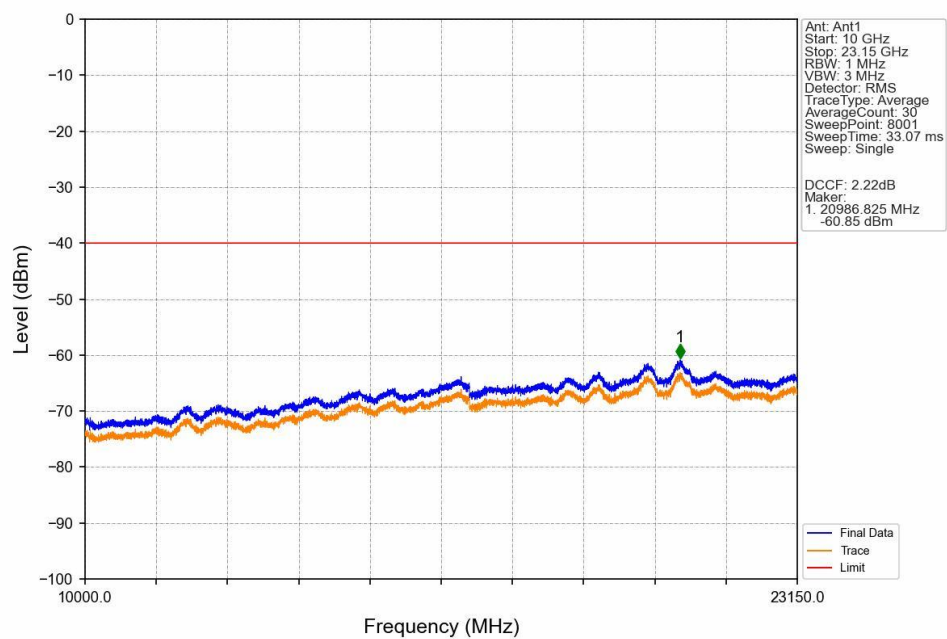
Band40a_5MHz_QPSK_MCH_2310MHz_RB_1_0_NTNV



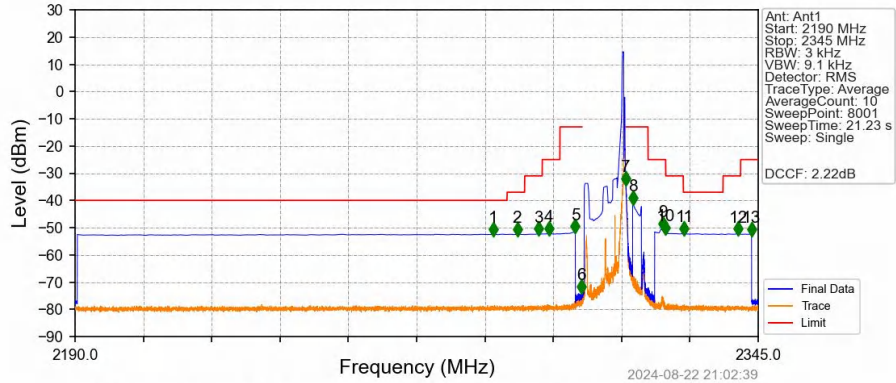
Band40a_5MHz_QPSK_HCH_2312.5MHz_RB_1_0_NTNV



Band40a_5MHz_QPSK_HCH_2312.5MHz_RB_1_0_NTNV

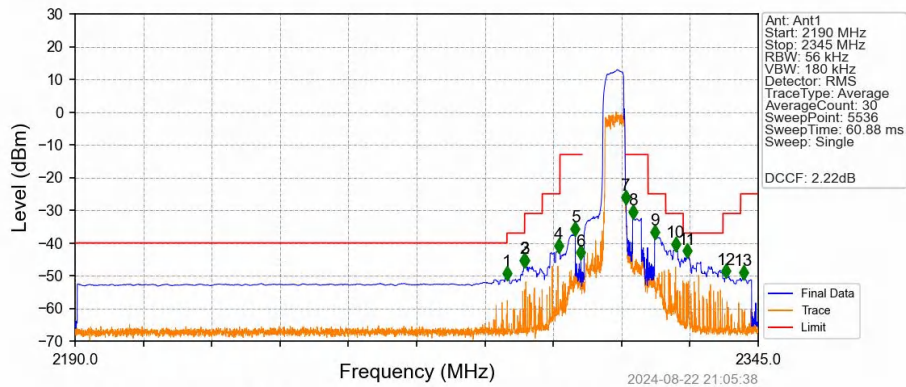


Band40a_5MHz_QPSK_HCH_2312.5MHz_RB_1_24_NTNV



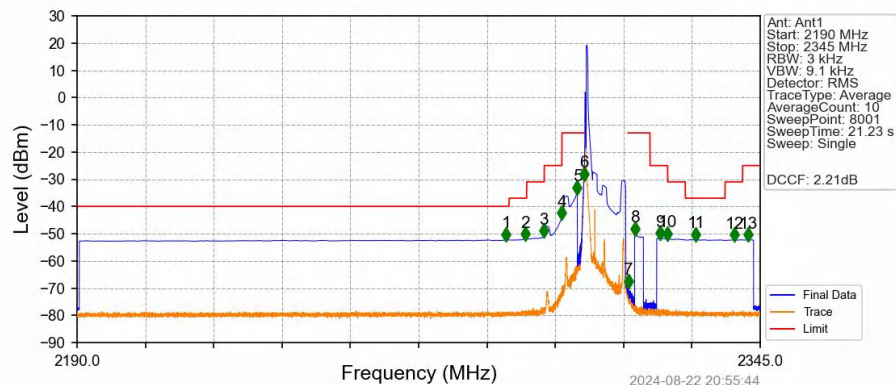
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	CHP	1	2284.860	-52.39	-40	Pass
2288	2292	1	CHP	2	2290.343	-52.40	-37	Pass
2292	2296	1	CHP	3	2295.109	-52.32	-31	Pass
2296	2300	1	CHP	4	2297.531	-52.16	-25	Pass
2300	2320	1	CHP	5	2303.499	-51.42	-13	Pass
2320	2305	1	CHP	6	2304.855	-73.42	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2316	0.003	/	7	2315.008	-33.69	-13	Pass
2316	2320	1	CHP	8	2316.519	-40.97	-13	Pass
2320	2324	1	CHP	9	2323.339	-50.37	-25	Pass
2324	2328	1	CHP	10	2324.017	-51.90	-31	Pass
2328	2337	1	CHP	11	2328.221	-52.24	-37	Pass
2337	2341	1	CHP	12	2340.427	-52.30	-31	Pass
2341	2345	1	CHP	13	2343.469	-52.37	-25	Pass

Band40a_5MHz_QPSK_HCH_2312.5MHz_RB_25_0_NTNV

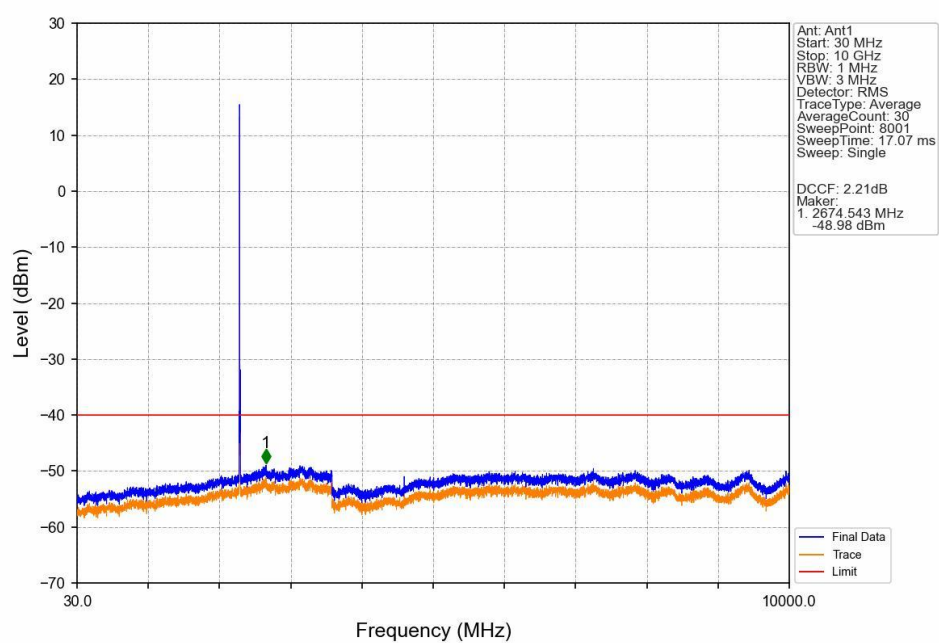


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	CHP	1	2287.985	-50.73	-40	Pass
2288	2292	1	CHP	2	2291.821	-46.91	-37	Pass
2292	2296	1	CHP	3	2292.017	-46.94	-31	Pass
2296	2300	1	CHP	4	2299.690	-42.47	-25	Pass
2300	2320	1	CHP	5	2303.499	-37.21	-13	Pass
2320	2305	1	CHP	6	2304.759	-44.51	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2316	0.056	/	7	2315.008	-27.61	-13	Pass
2316	2320	1	CHP	8	2316.520	-32.11	-13	Pass
2320	2324	1	CHP	9	2321.617	-38.14	-25	Pass
2324	2328	1	CHP	10	2326.238	-41.89	-31	Pass
2328	2337	1	CHP	11	2328.898	-44.03	-37	Pass
2337	2341	1	CHP	12	2337.719	-50.20	-31	Pass
2341	2345	1	CHP	13	2341.612	-50.60	-25	Pass

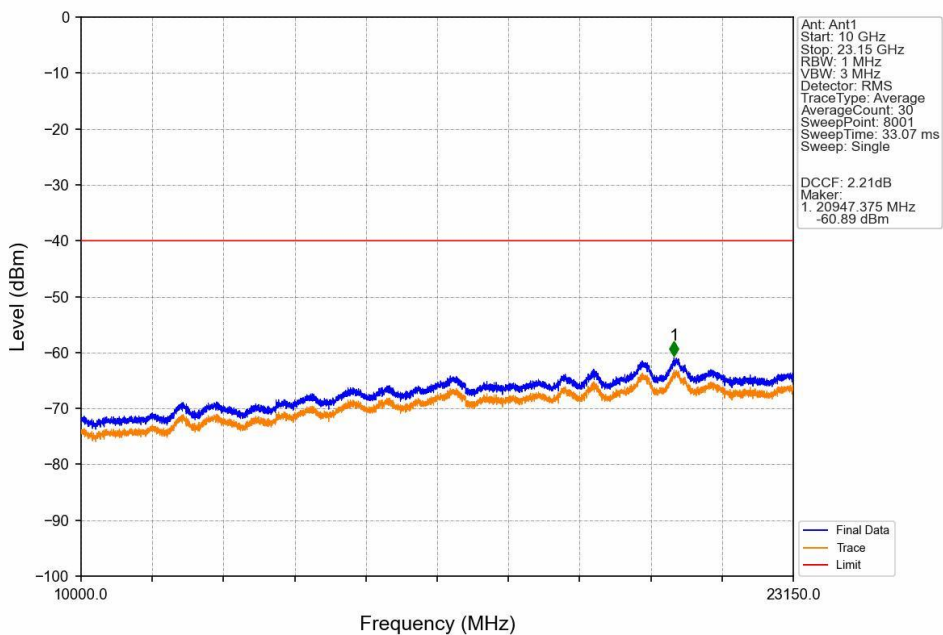
Band40a_5MHz_16QAM_LCH_2307.5MHz_RB_1_0_NTNV



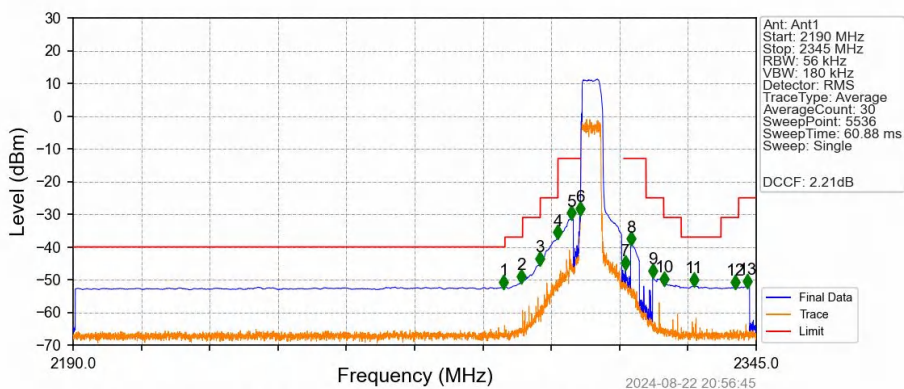
Band40a_5MHz_16QAM_LCH_2307.5MHz_RB_1_0_NTNV



Band40a_5MHz_16QAM_LCH_2307.5MHz_RB_1_0_NTNV

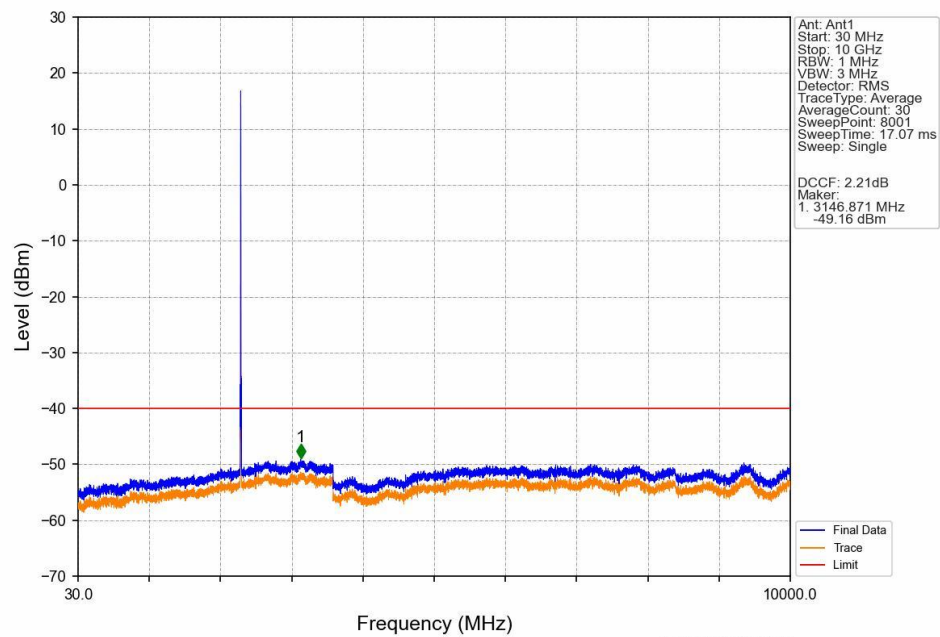


Band40a_5MHz_16QAM_LCH_2307.5MHz_RB_25_0_NTNV

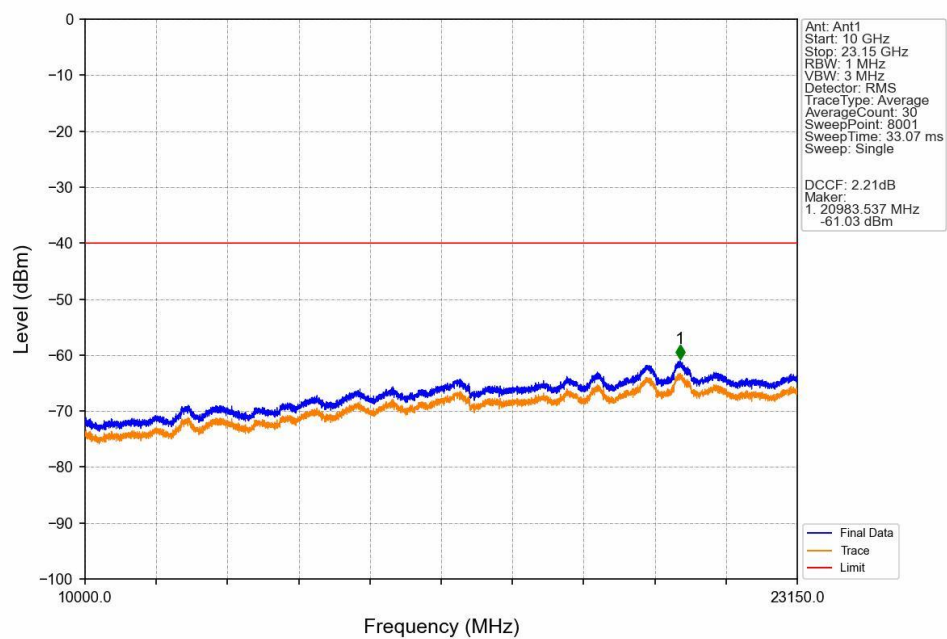


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	CHP	1	2287.705	-52.22	-40	Pass
2288	2292	1	CHP	2	2291.653	-50.60	-37	Pass
2292	2296	1	CHP	3	2295.938	-45.14	-31	Pass
2296	2300	1	CHP	4	2299.998	-37.11	-25	Pass
2300	2320	1	CHP	5	2303.051	-31.20	-13	Pass
2320	2305	0.056	/	6	2304.983	-29.91	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2316	1	CHP	7	2315.344	-46.43	-13	Pass
2316	2320	1	CHP	8	2316.520	-39.11	-13	Pass
2320	2324	1	CHP	9	2321.505	-48.83	-25	Pass
2324	2328	1	CHP	10	2324.109	-51.29	-31	Pass
2328	2337	1	CHP	11	2330.914	-51.62	-37	Pass
2337	2341	1	CHP	12	2340.239	-52.25	-31	Pass
2341	2345	1	CHP	13	2343.012	-52.07	-25	Pass

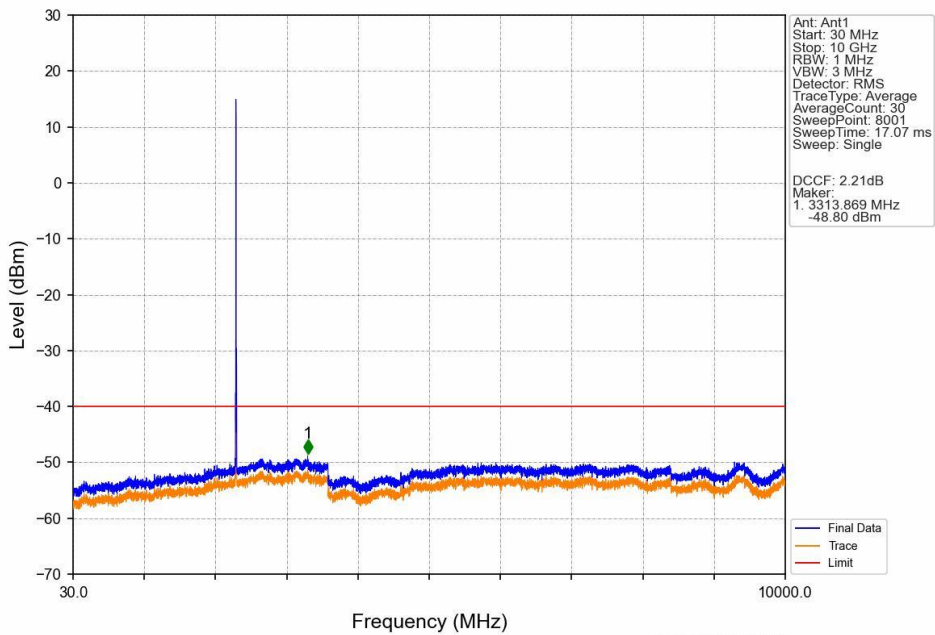
Band40a_5MHz_16QAM_MCH_2310MHz_RB_1_0_NTNV



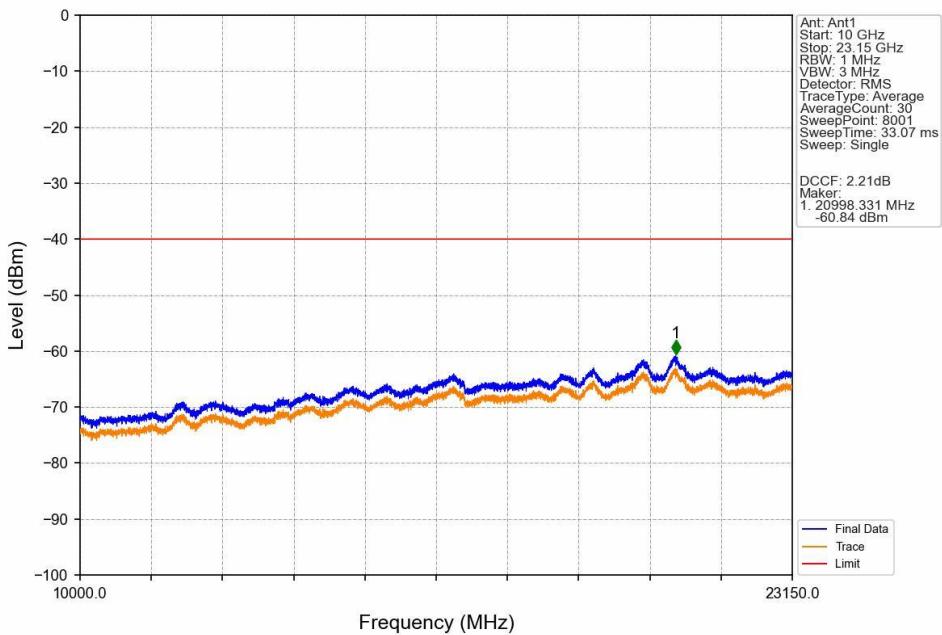
Band40a_5MHz_16QAM_MCH_2310MHz_RB_1_0_NTNV



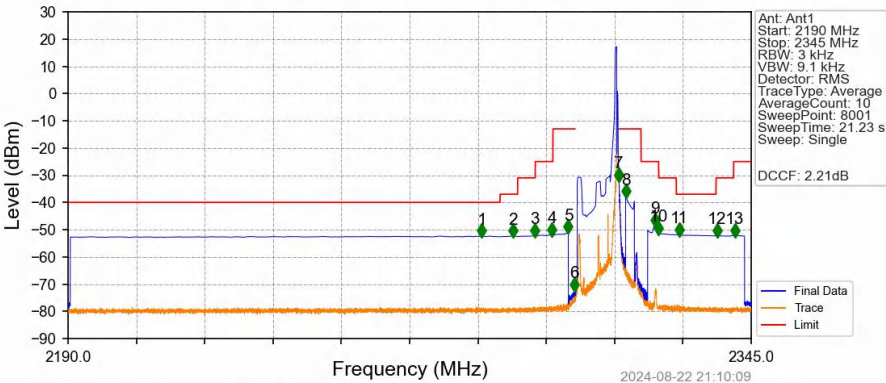
Band40a_5MHz_16QAM_HCH_2312.5MHz_RB_1_0_NTNV



Band40a_5MHz_16QAM_HCH_2312.5MHz_RB_1_0_NTNV

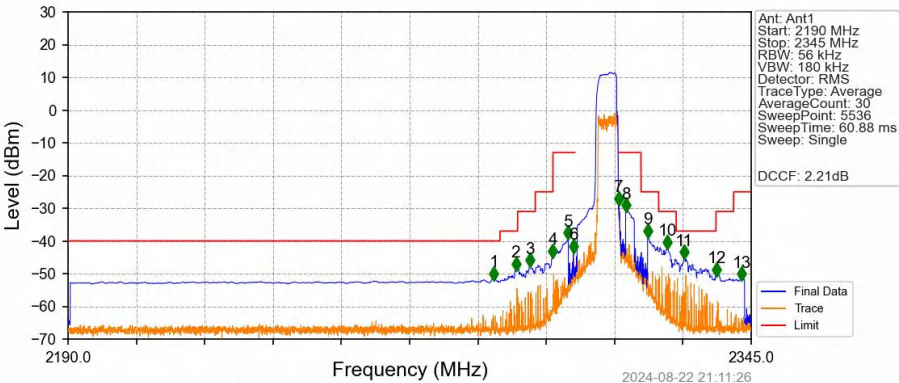


Band40a_5MHz_16QAM_HCH_2312.5MHz_RB_1_24_NTNV



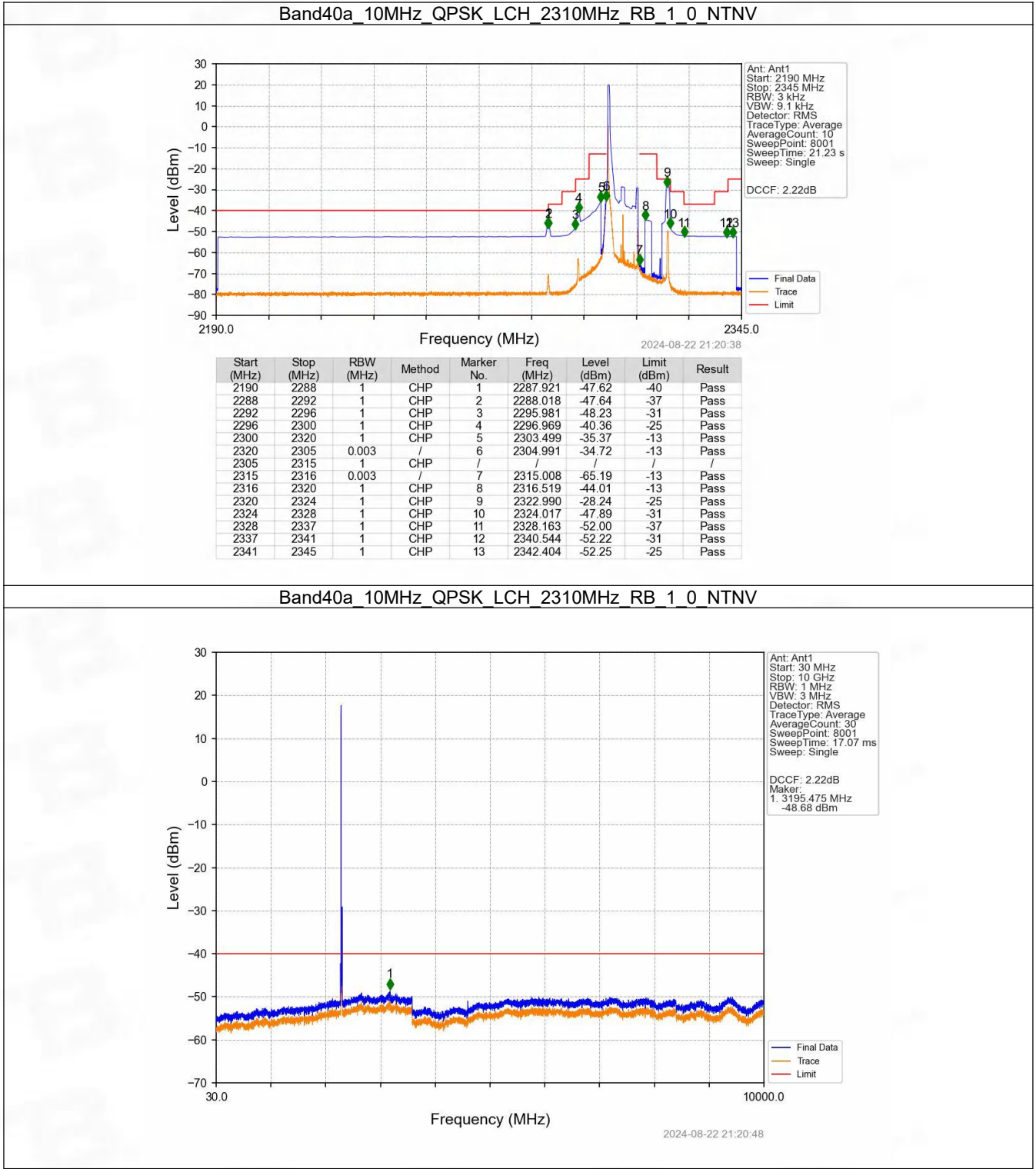
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	CHP	1	2283.833	-52.34	-40	Pass
2288	2292	1	CHP	2	2290.905	-52.30	-37	Pass
2292	2296	1	CHP	3	2295.826	-52.22	-31	Pass
2296	2300	1	CHP	4	2299.779	-51.95	-25	Pass
2300	2320	1	CHP	5	2303.499	-50.86	-13	Pass
2320	2305	1	CHP	6	2304.932	-71.96	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2316	0.003	/	7	2315.008	-31.63	-13	Pass
2316	2320	1	CHP	8	2316.519	-37.82	-13	Pass
2320	2324	1	CHP	9	2323.126	-48.22	-25	Pass
2324	2328	1	CHP	10	2324.017	-51.26	-31	Pass
2328	2337	1	CHP	11	2328.609	-51.81	-37	Pass
2337	2341	1	CHP	12	2337.250	-52.23	-31	Pass
2341	2345	1	CHP	13	2341.299	-52.15	-25	Pass

Band40a_5MHz_16QAM_HCH_2312.5MHz_RB_25_0_NTNV

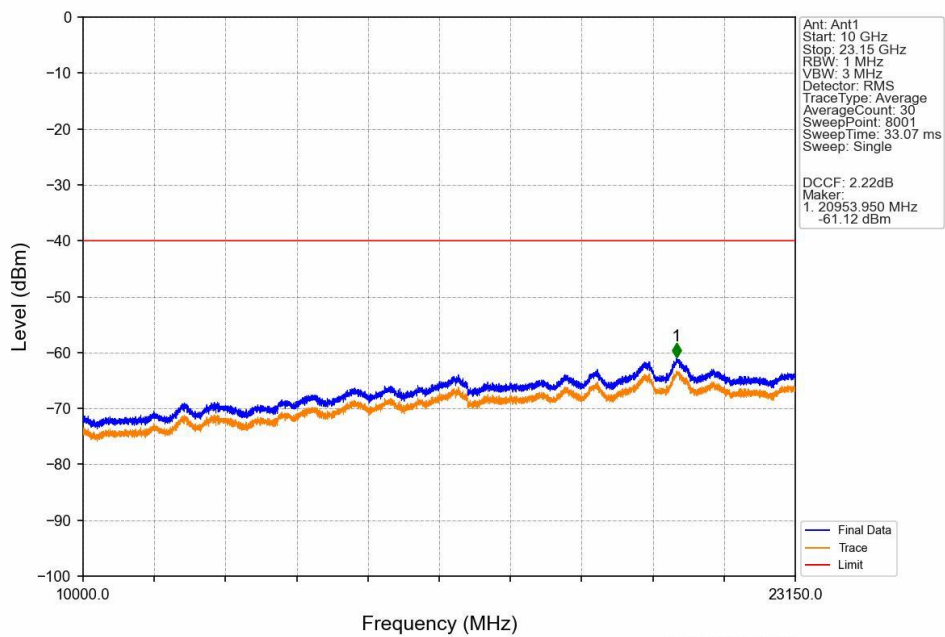


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	CHP	1	2286.584	-51.51	-40	Pass
2288	2292	1	CHP	2	2291.625	-48.67	-37	Pass
2292	2296	1	CHP	3	2294.790	-47.48	-31	Pass
2296	2300	1	CHP	4	2299.970	-44.70	-25	Pass
2300	2320	1	CHP	5	2303.471	-39.10	-13	Pass
2320	2305	1	CHP	6	2304.647	-43.16	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2316	0.056	/	7	2315.008	-28.56	-13	Pass
2316	2320	1	CHP	8	2316.520	-30.67	-13	Pass
2320	2324	1	CHP	9	2321.505	-38.41	-25	Pass
2324	2328	1	CHP	10	2326.014	-41.98	-31	Pass
2328	2337	1	CHP	11	2329.710	-45.03	-37	Pass
2337	2341	1	CHP	12	2337.159	-50.28	-31	Pass
2341	2345	1	CHP	13	2342.816	-51.67	-25	Pass

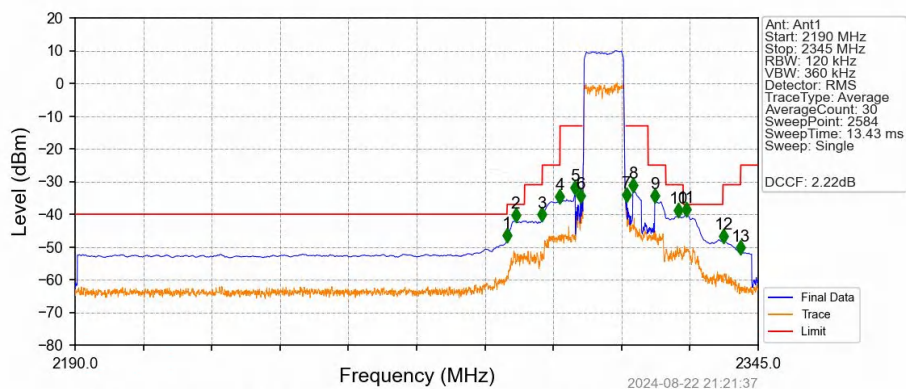
6.2.2 B40a_10MHz



Band40a_10MHz_QPSK_LCH_2310MHz_RB_1_0_NTNV

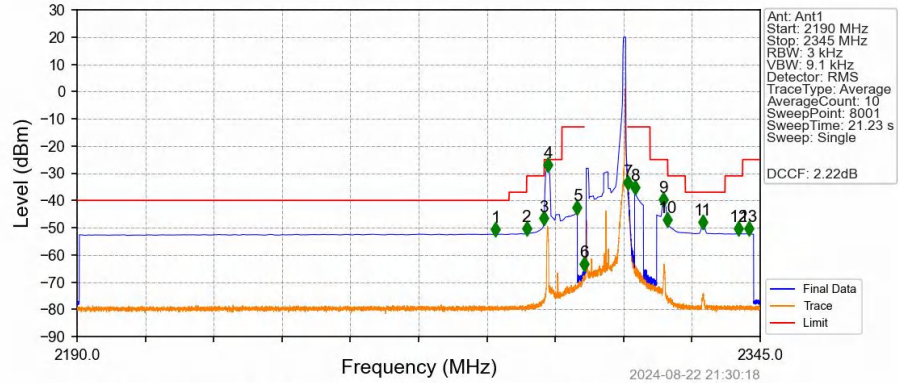


Band40a_10MHz_QPSK_LCH_2310MHz_RB_50_0_NTNV



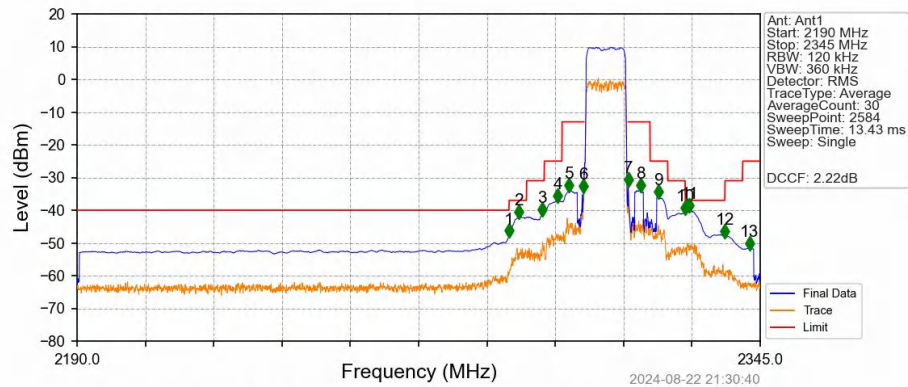
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	CHP	1	2287.993	-47.88	-40	Pass
2288	2292	1	CHP	2	2289.973	-41.86	-37	Pass
2292	2296	1	CHP	3	2295.974	-41.68	-31	Pass
2296	2300	1	CHP	4	2299.994	-36.06	-25	Pass
2300	2320	1	CHP	5	2303.475	-33.42	-13	Pass
2320	2305	0.12	/	6	2304.735	-35.90	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2316	0.12	/	7	2315.176	-35.67	-13	Pass
2316	2320	1	CHP	8	2316.556	-32.71	-13	Pass
2320	2324	1	CHP	9	2321.537	-35.78	-25	Pass
2324	2328	1	CHP	10	2326.938	-40.38	-31	Pass
2328	2337	1	CHP	11	2328.678	-40.02	-37	Pass
2337	2341	1	CHP	12	2337.139	-48.27	-31	Pass
2341	2345	1	CHP	13	2341.039	-51.79	-25	Pass

Band40a_10MHz_QPSK_HCH_2310MHz_RB_1_49_NTNV



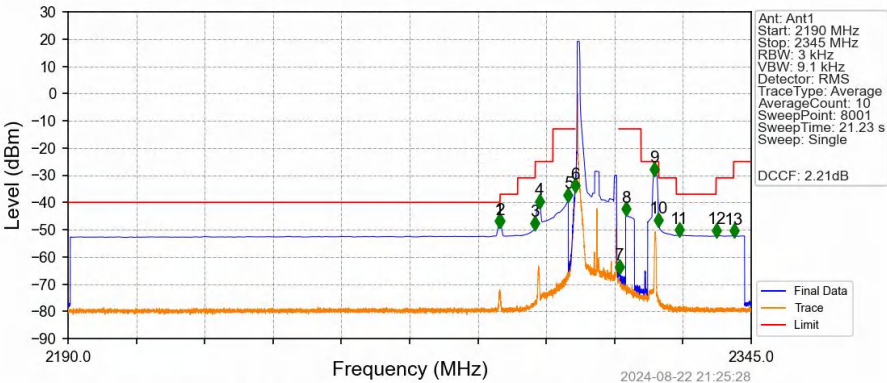
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	CHP	1	2284.957	-52.39	-40	Pass
2288	2292	1	CHP	2	2291.990	-52.19	-37	Pass
2292	2296	1	CHP	3	2295.981	-48.48	-31	Pass
2296	2300	1	CHP	4	2296.892	-28.73	-25	Pass
2300	2320	1	CHP	5	2303.499	-44.44	-13	Pass
2320	2305	0.003	/	6	2304.991	-65.25	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2316	0.003	/	7	2315.027	-35.39	-13	Pass
2316	2320	1	CHP	8	2316.519	-36.96	-13	Pass
2320	2324	1	CHP	9	2322.951	-41.52	-25	Pass
2324	2328	1	CHP	10	2324.017	-48.86	-31	Pass
2328	2337	1	CHP	11	2331.980	-49.77	-37	Pass
2337	2341	1	CHP	12	2340.137	-52.22	-31	Pass
2341	2345	1	CHP	13	2342.365	-52.23	-25	Pass

Band40a_10MHz_QPSK_HCH_2310MHz_RB_50_0_NTNV



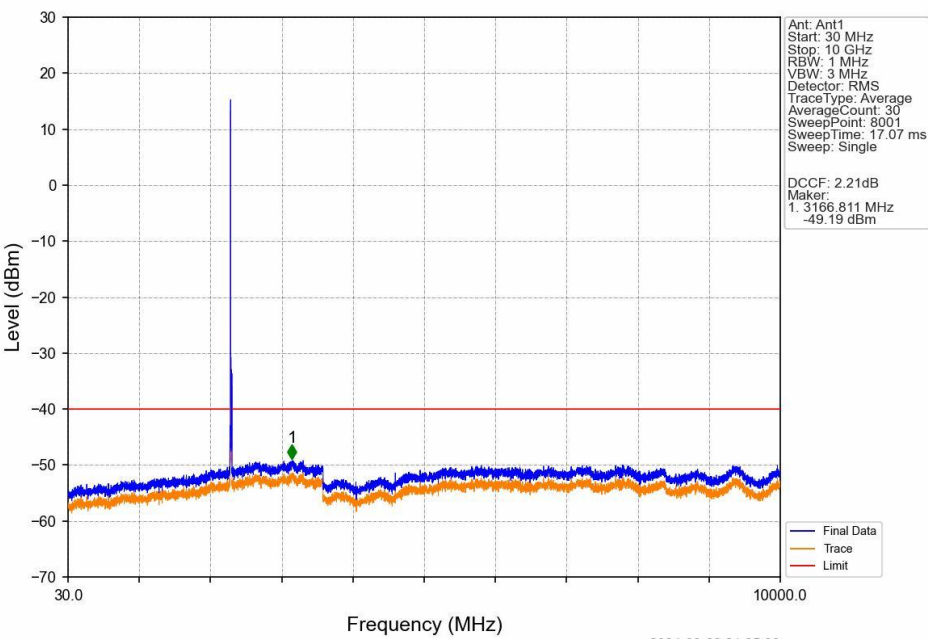
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	CHP	1	2287.993	-47.86	-40	Pass
2288	2292	1	CHP	2	2290.213	-42.09	-37	Pass
2292	2296	1	CHP	3	2295.554	-41.28	-31	Pass
2296	2300	1	CHP	4	2299.034	-37.13	-25	Pass
2300	2320	1	CHP	5	2301.614	-33.87	-13	Pass
2320	2305	0.12	/	6	2304.915	-34.17	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2316	0.12	/	7	2315.056	-32.17	-13	Pass
2316	2320	1	CHP	8	2317.876	-33.86	-13	Pass
2320	2324	1	CHP	9	2321.897	-35.89	-25	Pass
2324	2328	1	CHP	10	2327.958	-40.85	-31	Pass
2328	2337	1	CHP	11	2328.918	-40.11	-37	Pass
2337	2341	1	CHP	12	2337.019	-47.96	-31	Pass
2341	2345	1	CHP	13	2342.540	-51.67	-25	Pass

Band40a_10MHz_16QAM_LCH_2310MHz_RB_1_0_NTNV

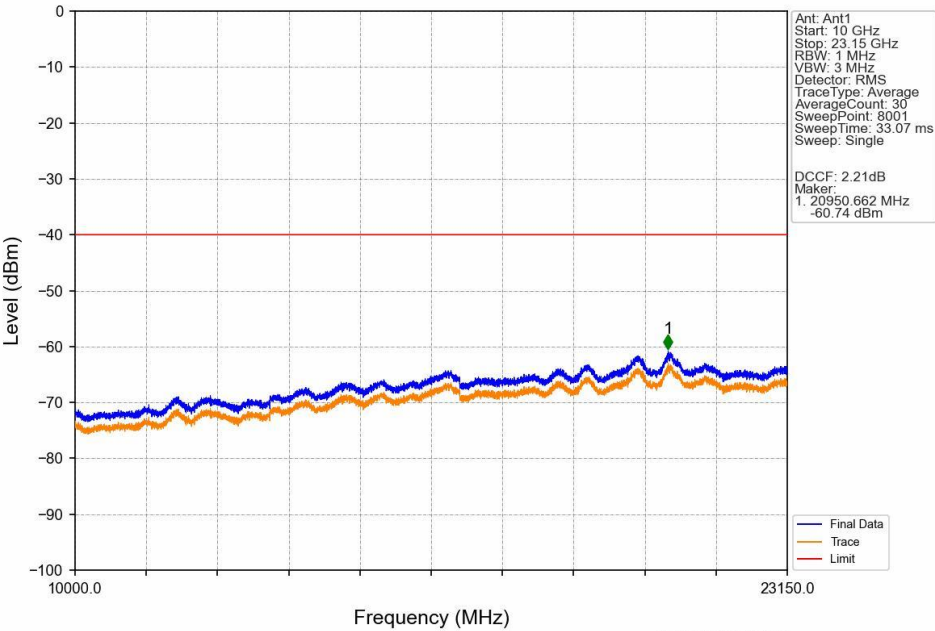


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	CHP	1	2287.805	-48.73	-40	Pass
2288	2292	1	CHP	2	2288.076	-48.72	-37	Pass
2292	2296	1	CHP	3	2295.981	-49.51	-31	Pass
2296	2300	1	CHP	4	2296.950	-41.57	-25	Pass
2300	2320	1	CHP	5	2303.499	-39.09	-13	Pass
2320	2305	0.003	/	6	2304.991	-35.74	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2316	0.003	/	7	2315.162	-65.57	-13	Pass
2316	2320	1	CHP	8	2316.519	-44.28	-13	Pass
2320	2324	1	CHP	9	2322.971	-29.66	-25	Pass
2324	2328	1	CHP	10	2324.017	-48.39	-31	Pass
2328	2337	1	CHP	11	2328.706	-52.00	-37	Pass
2337	2341	1	CHP	12	2337.211	-52.24	-31	Pass
2341	2345	1	CHP	13	2341.125	-52.29	-25	Pass

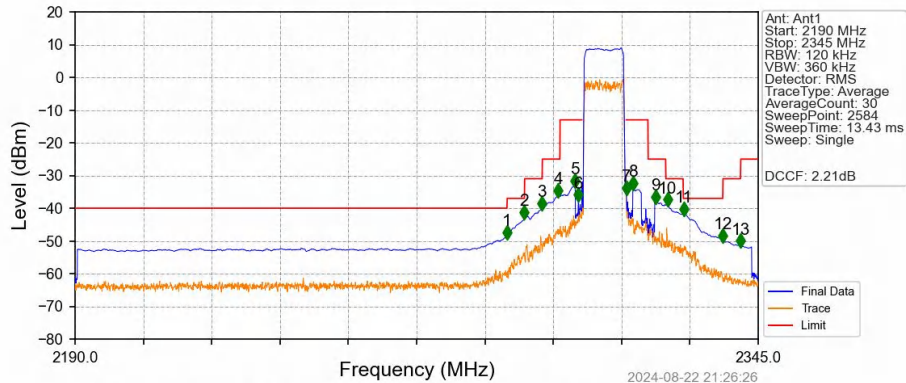
Band40a_10MHz_16QAM_LCH_2310MHz_RB_1_0_NTNV



Band40a_10MHz_16QAM_LCH_2310MHz_RB_1_0_NTNV

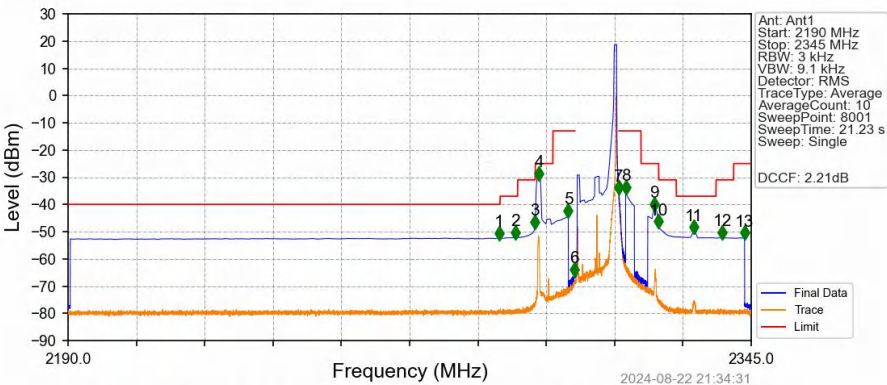


Band40a_10MHz_16QAM_LCH_2310MHz_RB_50_0_NTNV



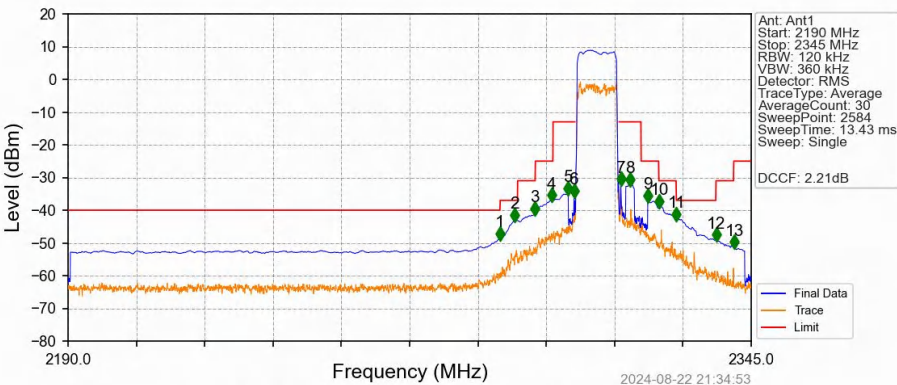
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	CHP	1	2287.993	-48.89	-40	Pass
2288	2292	1	CHP	2	2291.953	-42.75	-37	Pass
2292	2296	1	CHP	3	2295.974	-40.12	-31	Pass
2296	2300	1	CHP	4	2299.574	-36.13	-25	Pass
2300	2320	1	CHP	5	2303.475	-33.22	-13	Pass
2320	2305	0.12	/	6	2304.195	-37.47	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2316	0.12	/	7	2315.056	-35.38	-13	Pass
2316	2320	1	CHP	8	2316.556	-33.85	-13	Pass
2320	2324	1	CHP	9	2321.657	-38.07	-25	Pass
2324	2328	1	CHP	10	2324.417	-38.95	-31	Pass
2328	2337	1	CHP	11	2328.078	-41.76	-37	Pass
2337	2341	1	CHP	12	2337.019	-49.91	-31	Pass
2341	2345	1	CHP	13	2341.039	-51.55	-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	2287.766	-52.35	-40	Pass
2288	2292	1	CHP	2	2291.544	-52.18	-37	Pass
2292	2296	1	CHP	3	2295.981	-48.36	-31	Pass
2296	2300	1	CHP	4	2296.853	-30.45	-25	Pass
2300	2320	1	CHP	5	2303.499	-44.19	-13	Pass
2320	2305	0.003	/	6	2304.894	-65.77	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2316	0.003	/	7	2315.008	-35.69	-13	Pass
2316	2320	1	CHP	8	2316.519	-35.49	-13	Pass
2320	2324	1	CHP	9	2322.971	-41.87	-25	Pass
2324	2328	1	CHP	10	2324.017	-48.17	-31	Pass
2328	2337	1	CHP	11	2332.019	-50.25	-37	Pass
2337	2341	1	CHP	12	2338.451	-52.21	-31	Pass
2341	2345	1	CHP	13	2343.489	-52.29	-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	2287.993	-48.68	-40	Pass
2288	2292	1	CHP	2	2291.353	-43.07	-37	Pass
2292	2296	1	CHP	3	2295.974	-41.04	-31	Pass
2296	2300	1	CHP	4	2299.754	-36.99	-25	Pass
2300	2320	1	CHP	5	2303.415	-34.80	-13	Pass
2320	2305	0.12	/	6	2304.795	-35.70	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2316	0.12	/	7	2315.416	-32.02	-13	Pass
2316	2320	1	CHP	8	2317.516	-32.08	-13	Pass
2320	2324	1	CHP	9	2321.537	-37.08	-25	Pass
2324	2328	1	CHP	10	2324.177	-38.88	-31	Pass
2328	2337	1	CHP	11	2328.018	-42.71	-37	Pass
2337	2341	1	CHP	12	2337.079	-49.10	-31	Pass
2341	2345	1	CHP	13	2341.220	-51.28	-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	0.1081	0.0296	ppm	4M57G7D	/	20.34
40a	5	2307.5	2312.5	0.0889	0.0179	ppm	4M59W7D	/	19.49
40a	10	2310	2310	0.1132	0.0128	ppm	9M11G7D	/	20.54
40a	10	2310	2310	0.0875	0.0080	ppm	9M08W7D	/	19.42

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	0.1159	0.0296	ppm	4M57G7D	/	20.64
40a	5	2307.5	2312.5	0.0953	0.0179	ppm	4M59W7D	/	19.79
40a	10	2310	2310	0.1213	0.0128	ppm	9M11G7D	/	20.84
40a	10	2310	2310	0.0938	0.0080	ppm	9M08W7D	/	19.72