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	21.60	1.88	23.48	<=23.98	Pass
			13	21.61	1.88	23.49	<=23.98	Pass
			24	21.50	1.88	23.38	<=23.98	Pass
		12	0	21.70	1.88	23.58	<=23.98	Pass
			6	21.69	1.88	23.57	<=23.98	Pass
			13	21.69	1.88	23.57	<=23.98	Pass
		25	0	21.66	1.88	23.54	<=23.98	Pass
	2310	1	0	21.81	1.88	23.69	<=23.98	Pass
			13	21.66	1.88	23.54	<=23.98	Pass
			24	21.50	1.88	23.38	<=23.98	Pass
		12	0	21.83	1.88	23.71	<=23.98	Pass
			6	21.82	1.88	23.70	<=23.98	Pass
			13	21.83	1.88	23.71	<=23.98	Pass
		25	0	21.75	1.88	23.63	<=23.98	Pass
	2312.5	1	0	21.61	1.88	23.49	<=23.98	Pass
			13	21.78	1.88	23.66	<=23.98	Pass
			24	21.57	1.88	23.45	<=23.98	Pass
		12	0	21.98	1.88	23.86	<=23.98	Pass
			6	21.87	1.88	23.75	<=23.98	Pass
			13	21.87	1.88	23.75	<=23.98	Pass
		25	0	21.79	1.88	23.67	<=23.98	Pass
16QAM	2307.5	1	0	21.87	1.88	23.75	<=23.98	Pass
			13	21.07	1.88	22.95	<=23.98	Pass
			24	21.41	1.88	23.29	<=23.98	Pass
		12	0	20.73	1.88	22.61	<=23.98	Pass
			6	20.99	1.88	22.87	<=23.98	Pass
			13	20.63	1.88	22.51	<=23.98	Pass
		25	0	20.49	1.88	22.37	<=23.98	Pass
	2310	1	0	21.75	1.88	23.63	<=23.98	Pass
			13	21.87	1.88	23.75	<=23.98	Pass
			24	21.14	1.88	23.02	<=23.98	Pass
		12	0	20.95	1.88	22.83	<=23.98	Pass
			6	20.69	1.88	22.57	<=23.98	Pass
			13	20.39	1.88	22.27	<=23.98	Pass
		25	0	20.74	1.88	22.62	<=23.98	Pass
	2312.5	1	0	21.48	1.88	23.36	<=23.98	Pass
			13	21.97	1.88	23.85	<=23.98	Pass
			24	21.91	1.88	23.79	<=23.98	Pass
		12	0	20.43	1.88	22.31	<=23.98	Pass
			6	20.92	1.88	22.80	<=23.98	Pass
			13	20.79	1.88	22.67	<=23.98	Pass
		25	0	20.91	1.88	22.79	<=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	21.99	1.88	23.87	<=23.98	Pass
			25	21.78	1.88	23.66	<=23.98	Pass
			49	21.65	1.88	23.53	<=23.98	Pass
		25	0	21.98	1.88	23.86	<=23.98	Pass
			13	21.98	1.88	23.86	<=23.98	Pass
			25	21.92	1.88	23.80	<=23.98	Pass
		50	0	21.89	1.88	23.77	<=23.98	Pass
16QAM	2310	1	0	20.60	1.88	22.48	<=23.98	Pass
			25	21.45	1.88	23.33	<=23.98	Pass
			49	21.22	1.88	23.10	<=23.98	Pass
		25	0	21.18	1.88	23.06	<=23.98	Pass
			13	21.03	1.88	22.91	<=23.98	Pass
			25	20.85	1.88	22.73	<=23.98	Pass
		50	0	20.79	1.88	22.67	<=23.98	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

2. Frequency Stability

2.1 Test Result

2.1.1 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	3.55	-9.800	-0.0042	/	Pass
					4	-4.400	-0.0019	/	Pass
					4.4	-8.100	-0.0035	/	Pass
				-30	4	-0.500	-0.0002	/	Pass
				-20	4	-9.100	-0.0039	/	Pass
				-10	4	-3.600	-0.0016	/	Pass
				0	4	-6.300	-0.0027	/	Pass
				10	4	-3.000	-0.0013	/	Pass
				30	4	-7.800	-0.0034	/	Pass
				40	4	-3.200	-0.0014	/	Pass
				50	4	-6.400	-0.0028	/	Pass
16QAM	2310	50	0	20	3.55	0.800	0.0003	/	Pass
					4	-2.900	-0.0013	/	Pass
					4.4	-7.500	-0.0032	/	Pass
				-30	4	-4.000	-0.0017	/	Pass
				-20	4	-8.500	-0.0037	/	Pass
				-10	4	-8.400	-0.0036	/	Pass
				0	4	-8.700	-0.0038	/	Pass
				10	4	0.100	0.0000	/	Pass
				30	4	-7.700	-0.0033	/	Pass
				40	4	-0.500	-0.0002	/	Pass
				50	4	-2.400	-0.0010	/	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 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	4.535	/	Pass
		2310	25	0	4.555	/	Pass
		2312.5	25	0	4.553	/	Pass
	16QAM	2307.5	25	0	4.535	/	Pass
		2310	25	0	4.539	/	Pass
		2312.5	25	0	4.541	/	Pass
10	QPSK	2310	50	0	9.031	/	Pass
	16QAM	2310	50	0	9.039	/	Pass

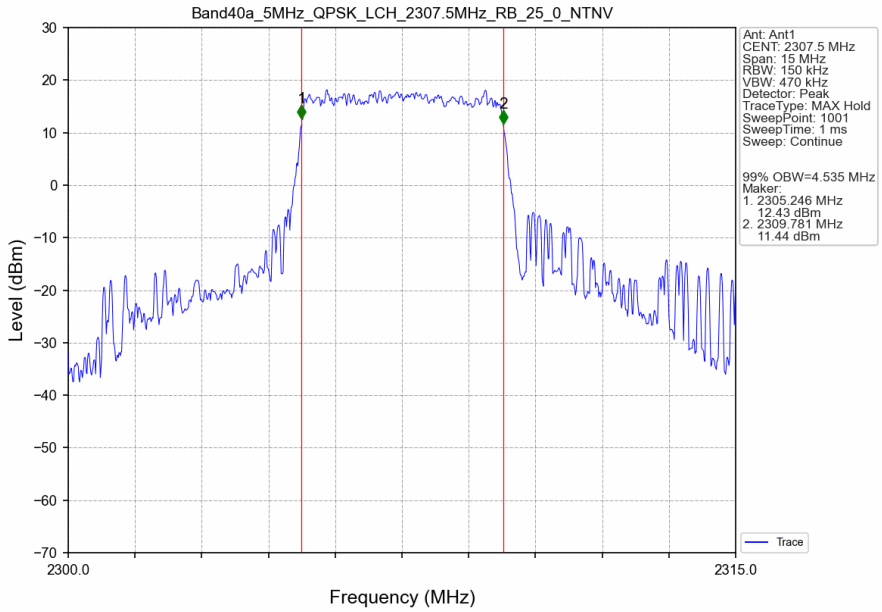
3.1.2 Band40a_XDB

Band: 40a / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2307.5	25	0	6.142	/	Pass
		2310	25	0	6.099	/	Pass
		2312.5	25	0	6.189	/	Pass
	16QAM	2307.5	25	0	5.018	/	Pass
		2310	25	0	5.039	/	Pass
		2312.5	25	0	5.146	/	Pass
10	QPSK	2310	50	0	11.008	/	Pass
	16QAM	2310	50	0	10.339	/	Pass

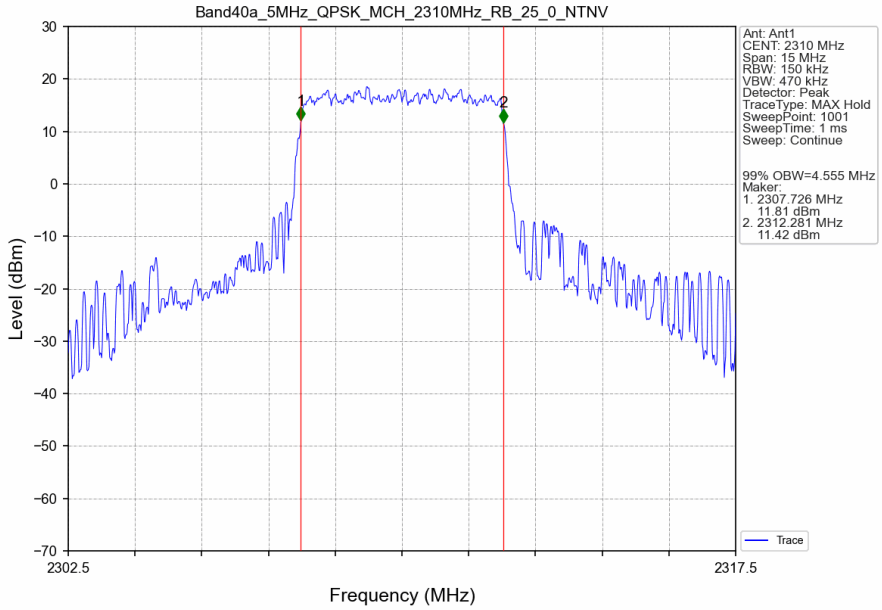
3.2 Test Graph

3.2.1 Band40a_OBW

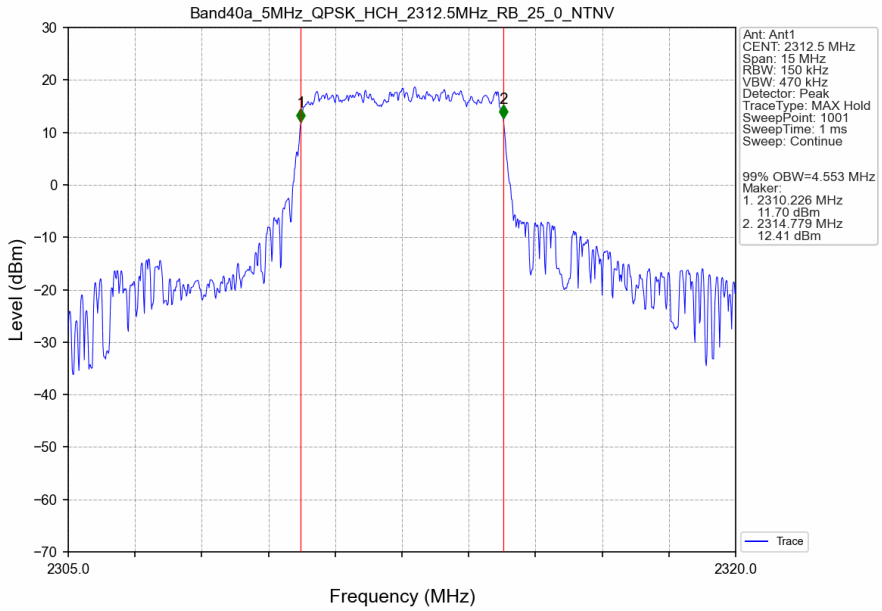
Band40a_5MHz_QPSK_LCH_2307.5MHz_RB_25_0_NTNV



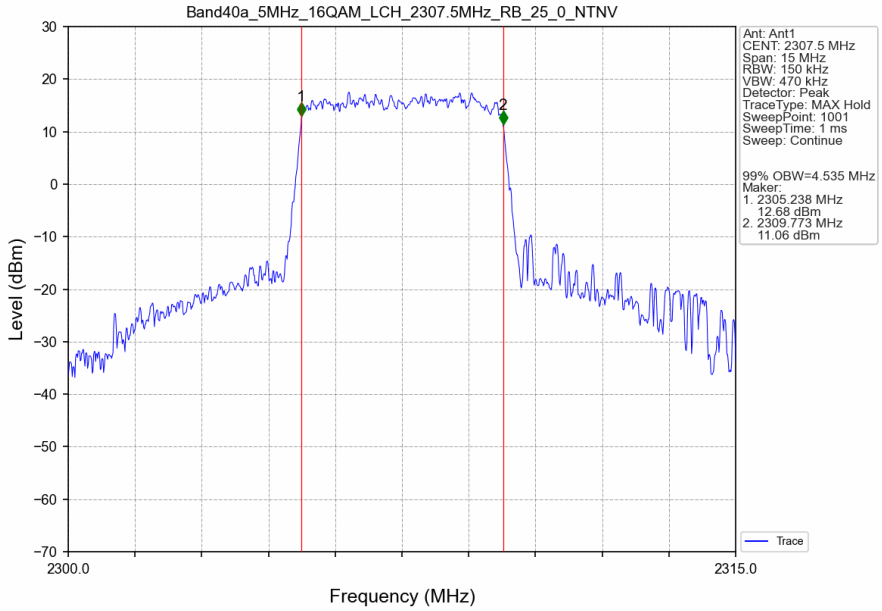
Band40a_5MHz_QPSK_MCH_2310MHz_RB_25_0_NTNV



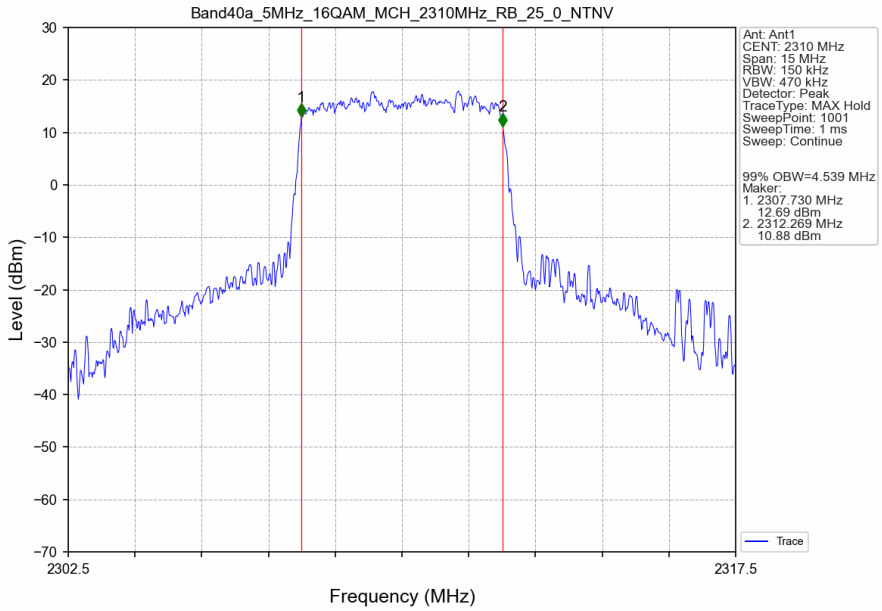
Band40a_5MHz_QPSK_HCH_2312.5MHz_RB_25_0_NTNV



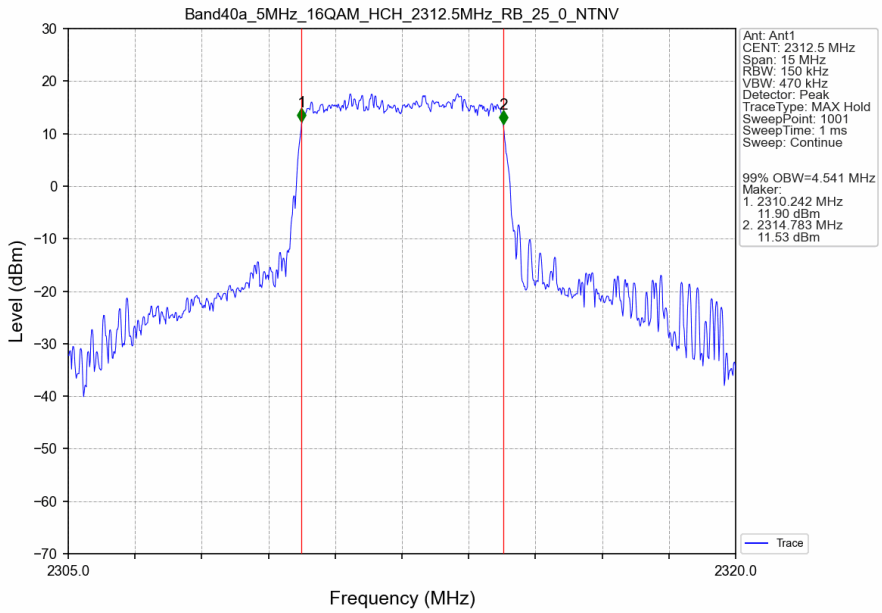
Band40a_5MHz_16QAM_LCH_2307.5MHz_RB_25_0_NTNV



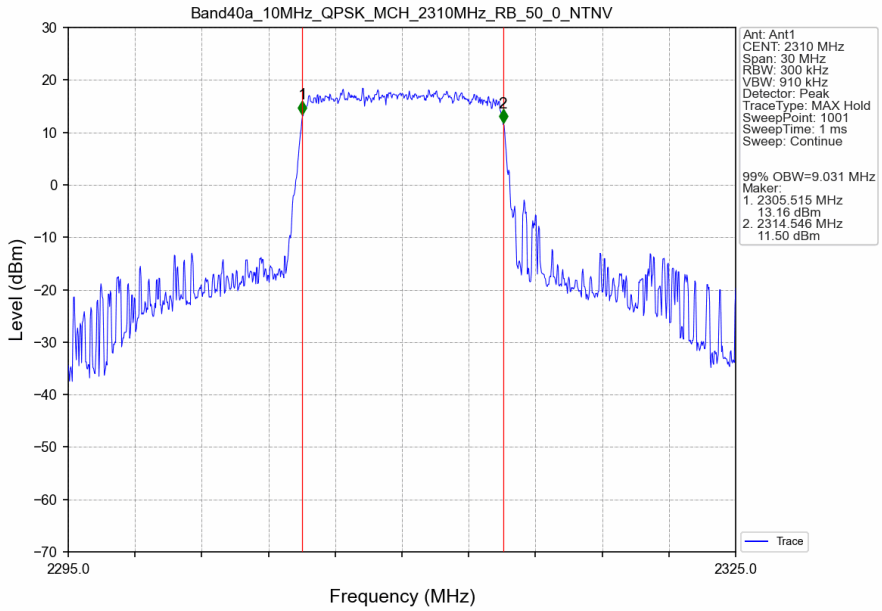
Band40a_5MHz_16QAM_MCH_2310MHz_RB_25_0_NTNV



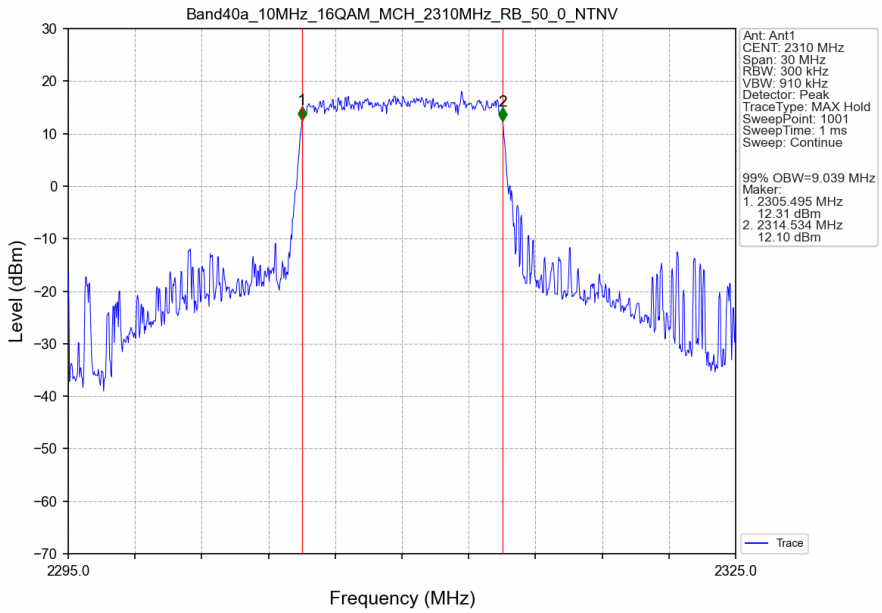
Band40a_5MHz_16QAM_HCH_2312.5MHz_RB_25_0_NTNV



Band40a_10MHz_QPSK_MCH_2310MHz_RB_50_0_NTNV

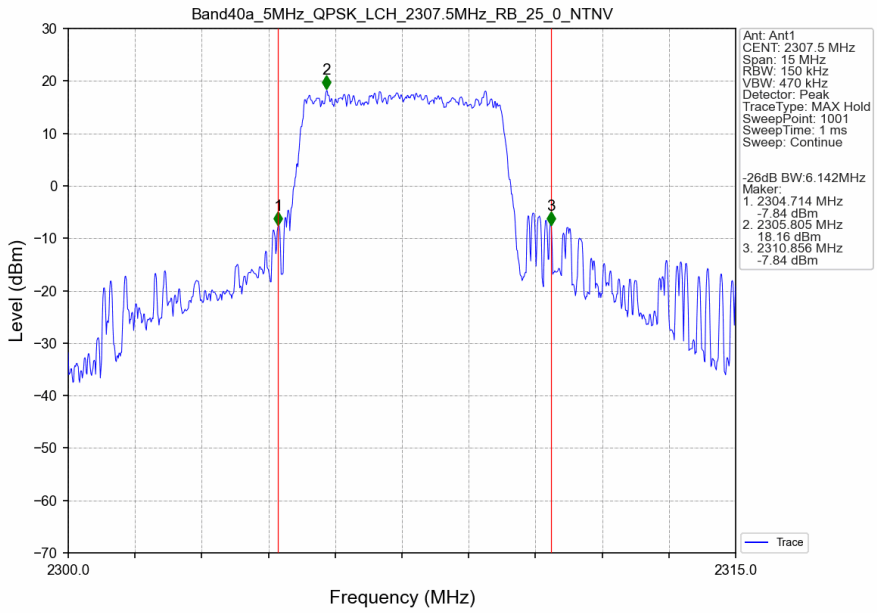


Band40a_10MHz_16QAM_MCH_2310MHz_RB_50_0_NTNV

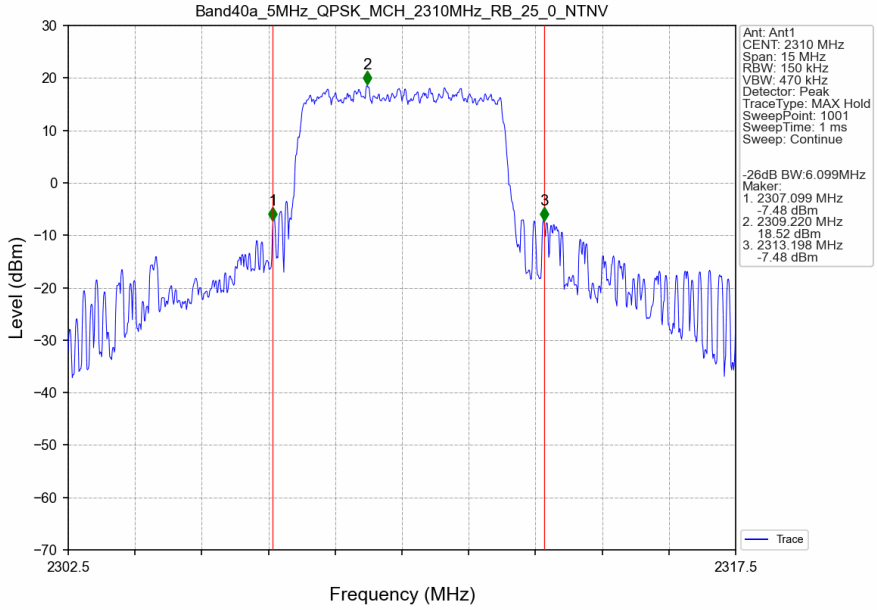


3.2.2 Band40a_XDB

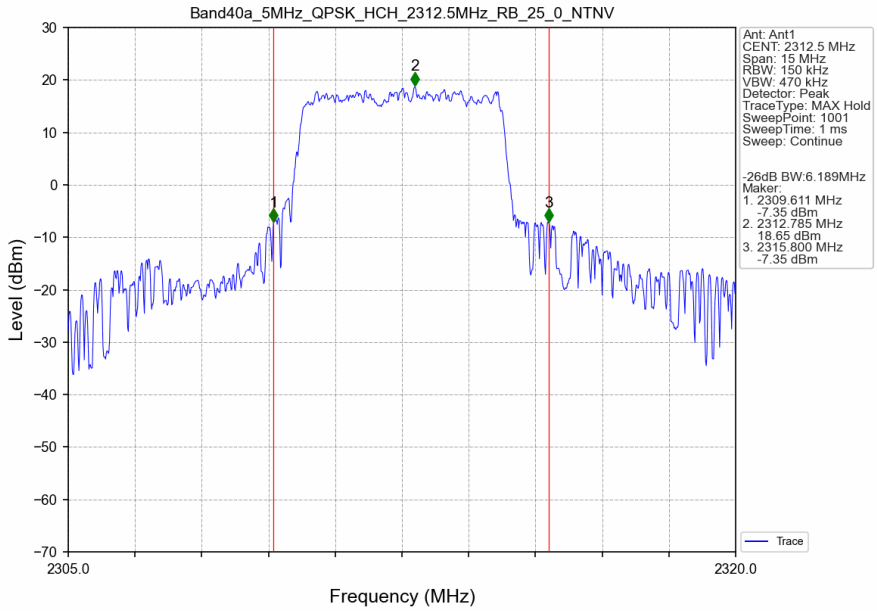
Band40a_5MHz_QPSK_LCH_2307.5MHz_RB_25_0_NTNV



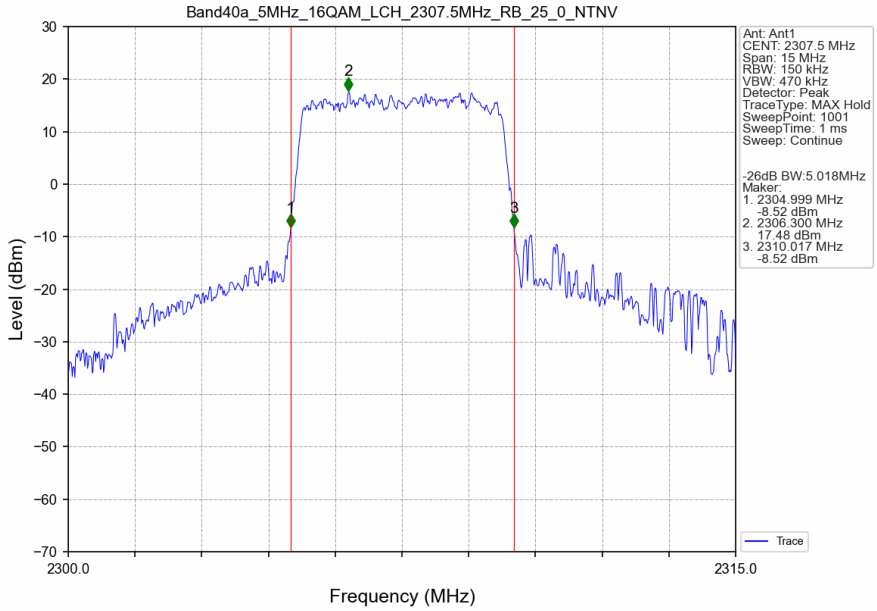
Band40a_5MHz_QPSK_MCH_2310MHz_RB_25_0_NTNV



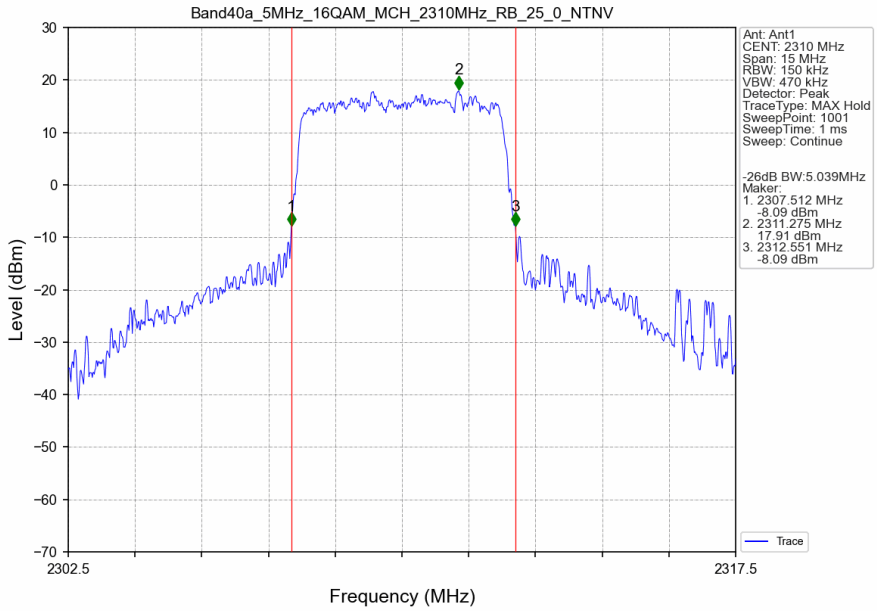
Band40a_5MHz_QPSK_HCH_2312.5MHz_RB_25_0_NTNV



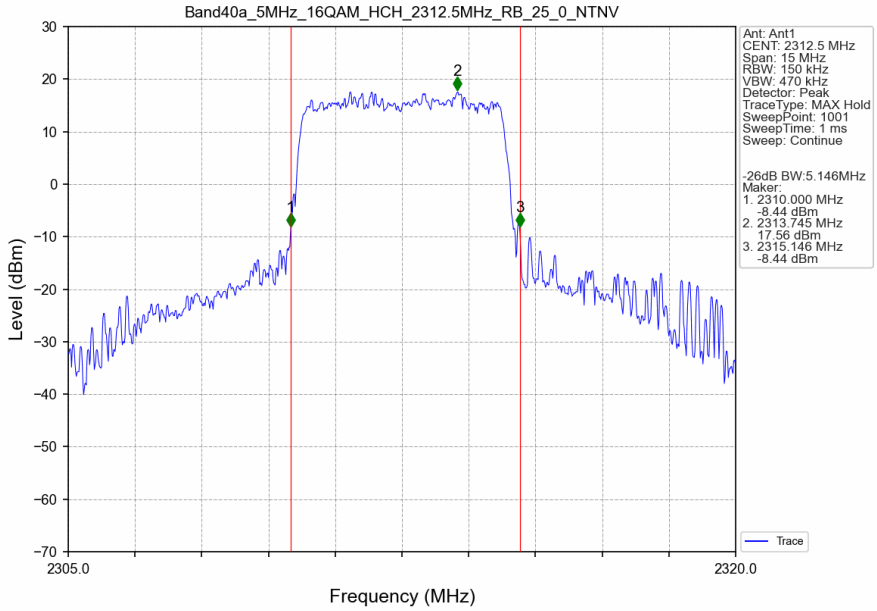
Band40a_5MHz_16QAM_LCH_2307.5MHz_RB_25_0_NTNV



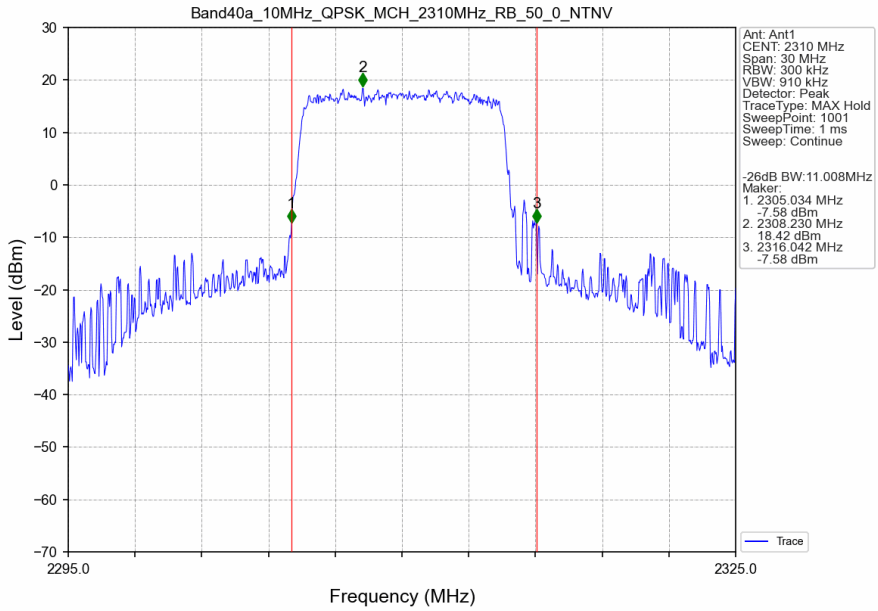
Band40a_5MHz_16QAM_MCH_2310MHz_RB_25_0_NTNV



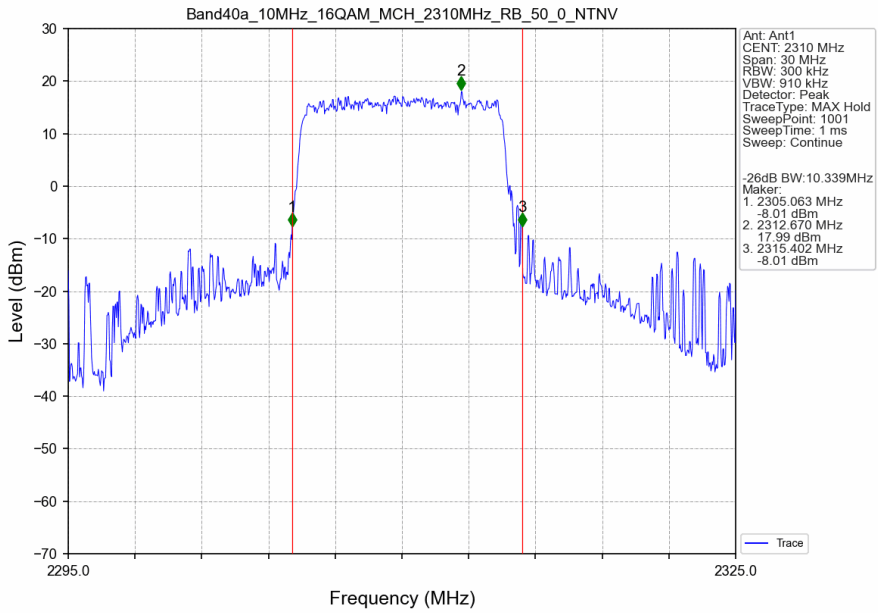
Band40a_5MHz_16QAM_HCH_2312.5MHz_RB_25_0_NTNV



Band40a_10MHz_QPSK_MCH_2310MHz_RB_50_0_NTNV



Band40a_10MHz_16QAM_MCH_2310MHz_RB_50_0_NTNV



4. Peak-Average Ratio

4.1 Test Result

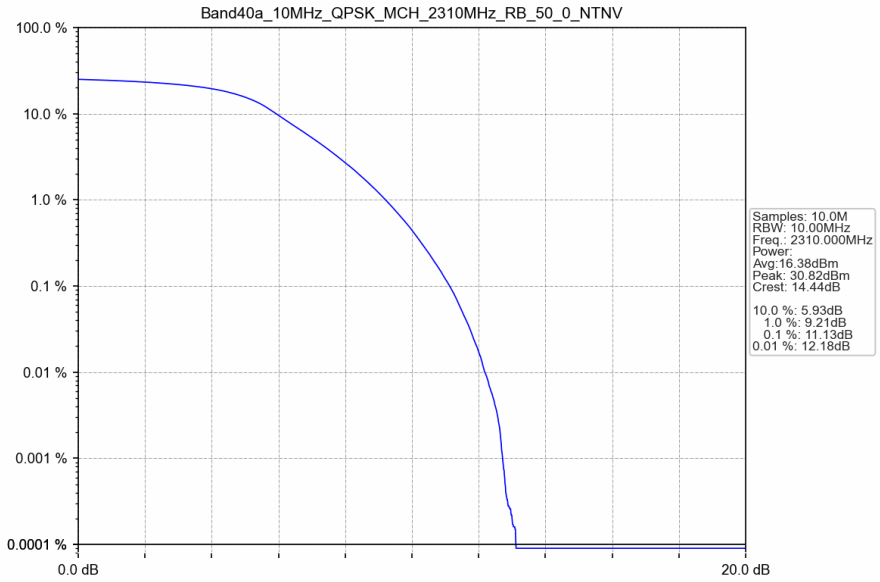
4.1.1 B40a_10MHz

Band: 40a / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2310	50	0	11.13	<=13	Pass
16QAM	2310	50	0	11.30	<=13	Pass

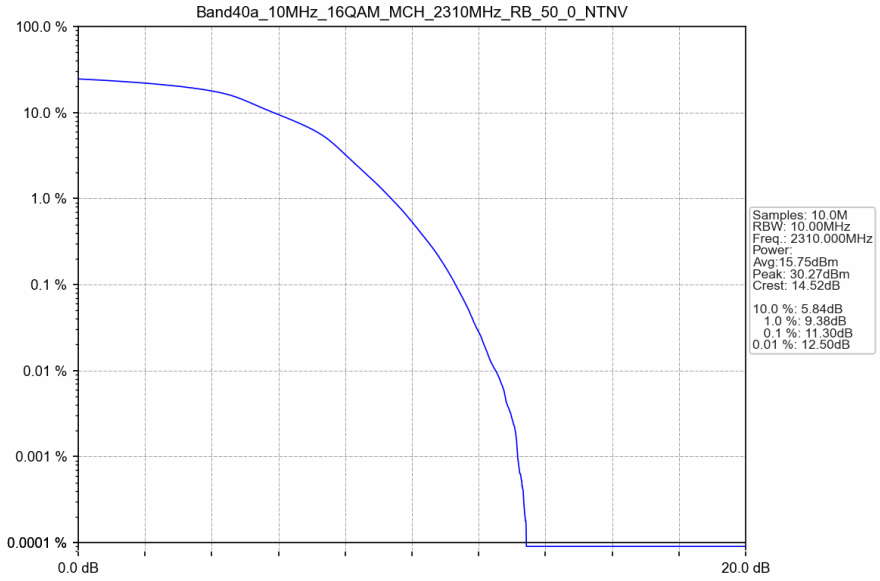
4.2 Test Graph

4.2.1 B40a_10MHz

Band40a_10MHz_QPSK_MCH_2310MHz_RB_50_0_NTNV



Band40a_10MHz_16QAM_MCH_2310MHz_RB_50_0_NTNV



5. Spurious Emission & Band Edges

5.1 Test Result

5.1.1 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

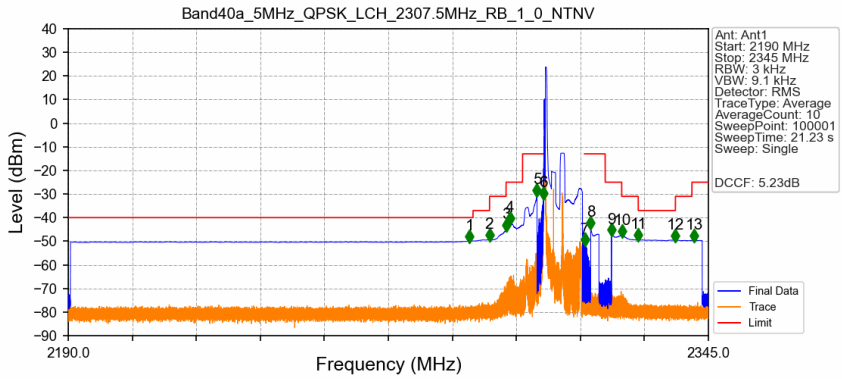
5.1.2 B40a_10MHz

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

5.2 Test Graph

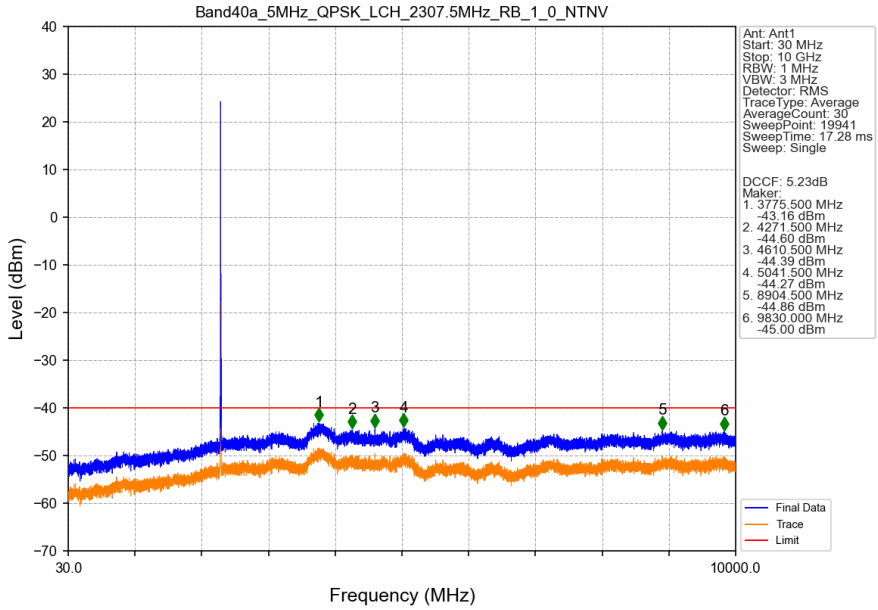
5.2.1 B40a_5MHz

Band40a_5MHz_QPSK_LCH_2307.5MHz_RB_1_0_NTNV

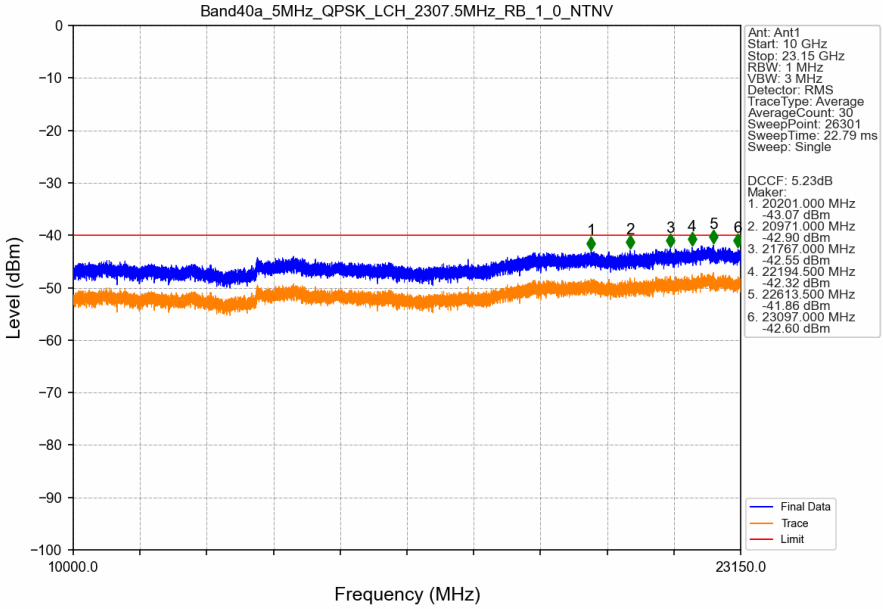


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	CHP	1	2287.168	-49.89	-40	Pass
2288	2292	1	CHP	2	2291.979	-49.31	-37	Pass
2292	2296	1	CHP	3	2295.991	-45.13	-31	Pass
2296	2300	1	CHP	4	2296.967	-42.30	-25	Pass
2300	2320	1	CHP	5	2303.499	-30.42	-13	Pass
2320	2305	0.003	/	6	2304.987	-31.62	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2316	1	CHP	7	2315.060	-51.40	-13	Pass
2316	2320	1	CHP	8	2316.500	-44.27	-13	Pass
2320	2324	1	CHP	9	2321.500	-47.28	-25	Pass
2324	2328	1	CHP	10	2324.120	-47.69	-31	Pass
2328	2337	1	CHP	11	2328.001	-49.41	-37	Pass
2337	2341	1	CHP	12	2337.004	-49.55	-31	Pass
2341	2345	1	CHP	13	2341.505	-49.60	-25	Pass

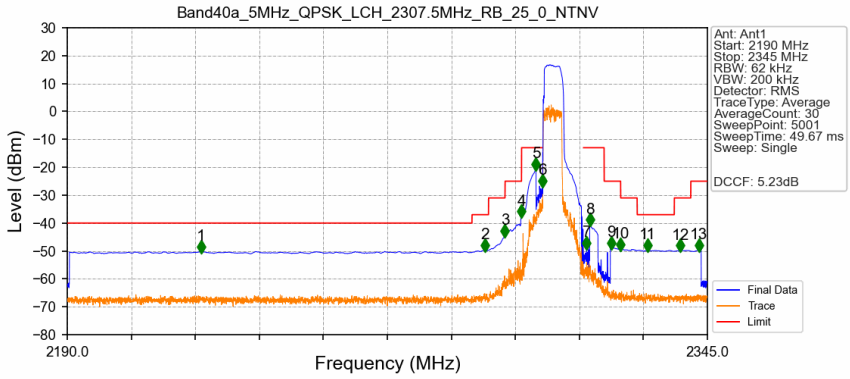
Band40a_5MHz_QPSK_LCH_2307.5MHz_RB_1_0_NTNV



Band40a_5MHz_QPSK_LCH_2307.5MHz_RB_1_0_NTNV

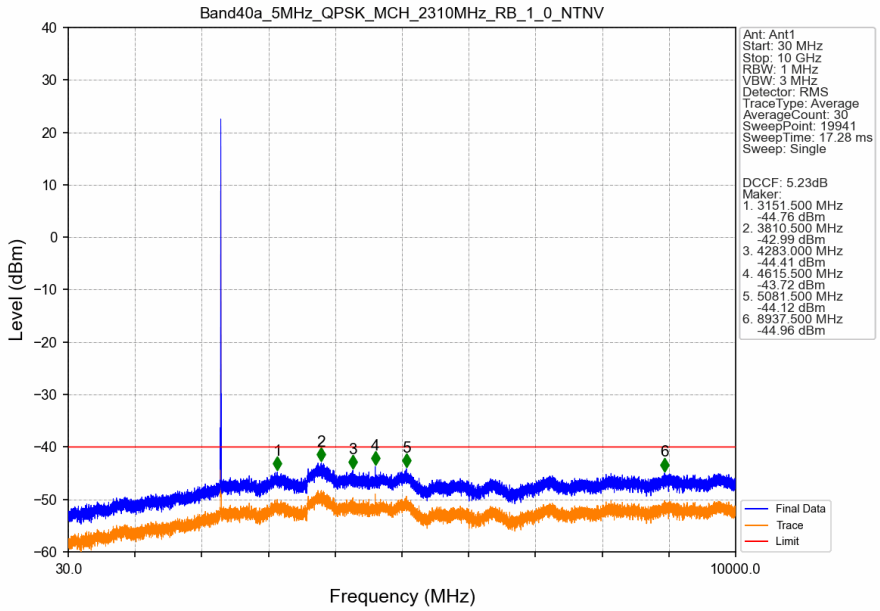


Band40a_5MHz_QPSK_LCH_2307.5MHz_RB_25_0_NTNV

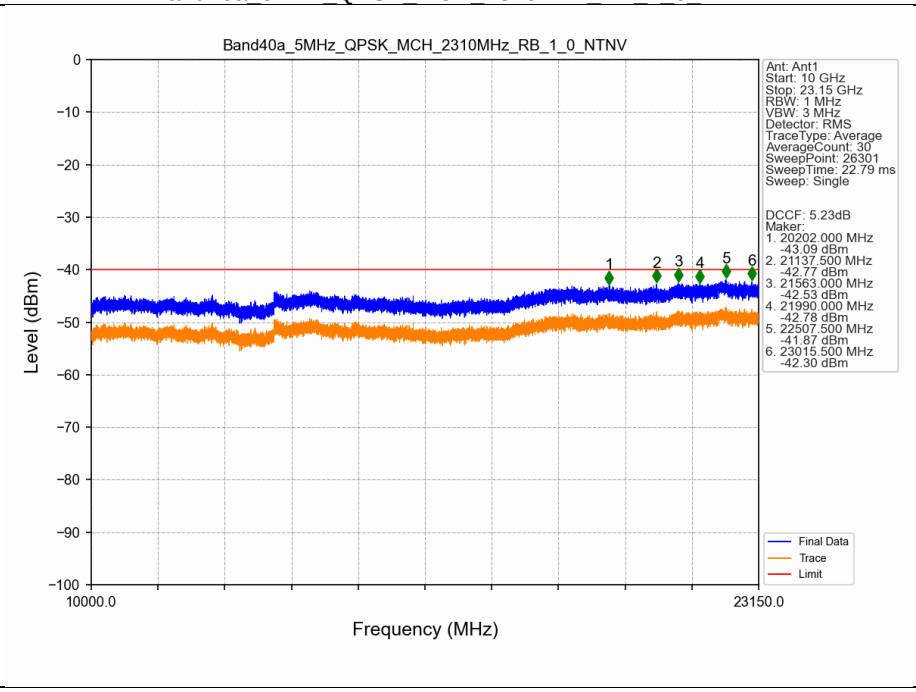


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	CHP	1	2222.364	-50.18	-40	Pass
2288	2292	1	CHP	2	2291.091	-49.56	-37	Pass
2292	2296	1	CHP	3	2295.989	-44.58	-31	Pass
2296	2300	1	CHP	4	2299.988	-37.57	-25	Pass
2300	2320	1	CHP	5	2303.491	-20.60	-13	Pass
2320	2305	0.062	/	6	2304.979	-26.66	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2316	1	CHP	7	2315.767	-48.90	-13	Pass
2316	2320	1	CHP	8	2316.542	-40.54	-13	Pass
2320	2324	1	CHP	9	2321.719	-48.87	-25	Pass
2324	2328	1	CHP	10	2324.013	-49.37	-31	Pass
2328	2337	1	CHP	11	2330.492	-49.63	-37	Pass
2337	2341	1	CHP	12	2338.490	-49.82	-31	Pass
2341	2345	1	CHP	13	2342.954	-49.66	-25	Pass

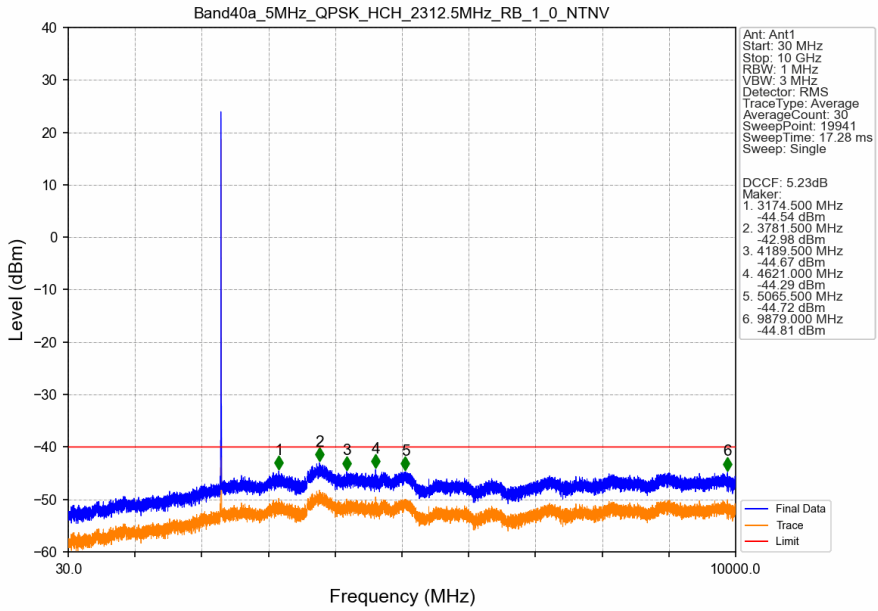
Band40a_5MHz_QPSK_MCH_2310MHz_RB_1_0_NTNV



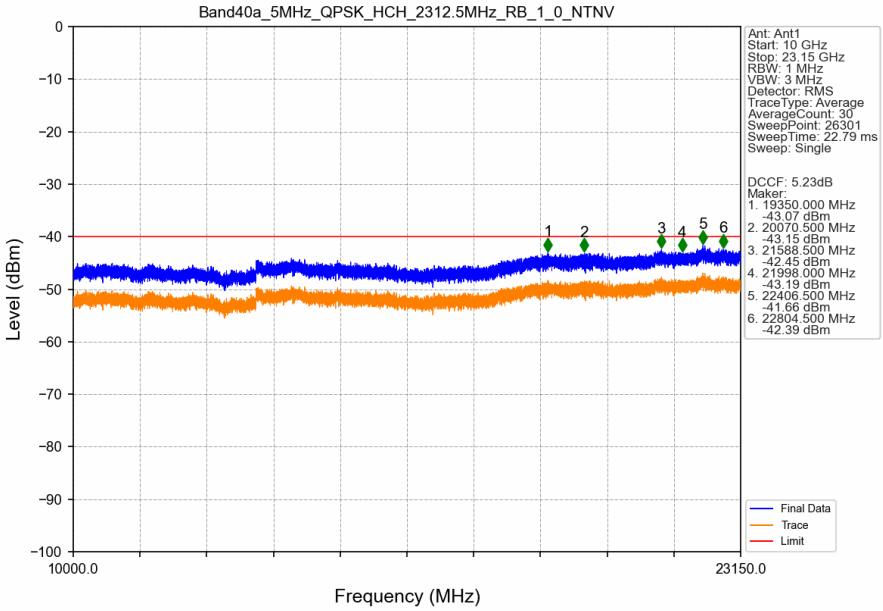
Band40a_5MHz_QPSK_MCH_2310MHz_RB_1_0_NTNV



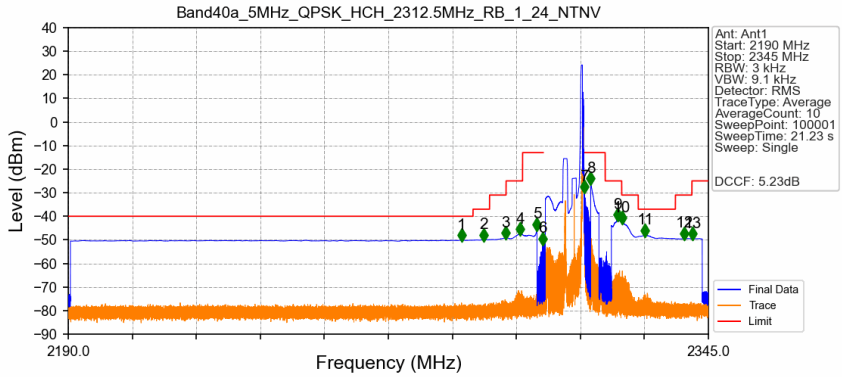
Band40a_5MHz_QPSK_HCH_2312.5MHz_RB_1_0_NTNV



Band40a_5MHz_QPSK_HCH_2312.5MHz_RB_1_0_NTNV

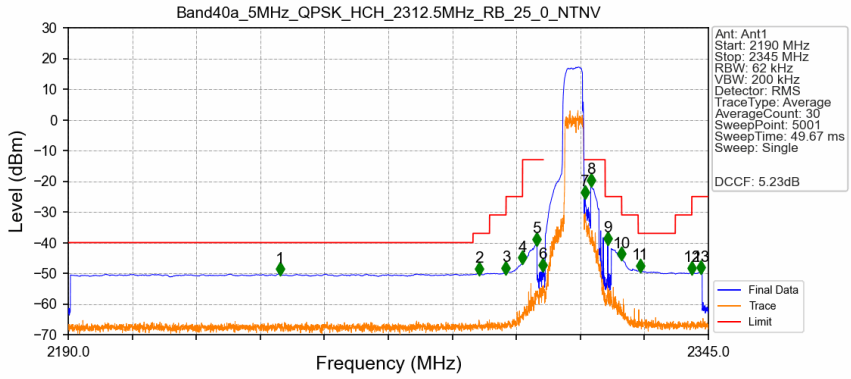


Band40a_5MHz_QPSK_HCH_2312.5MHz_RB_1_24_NTNV



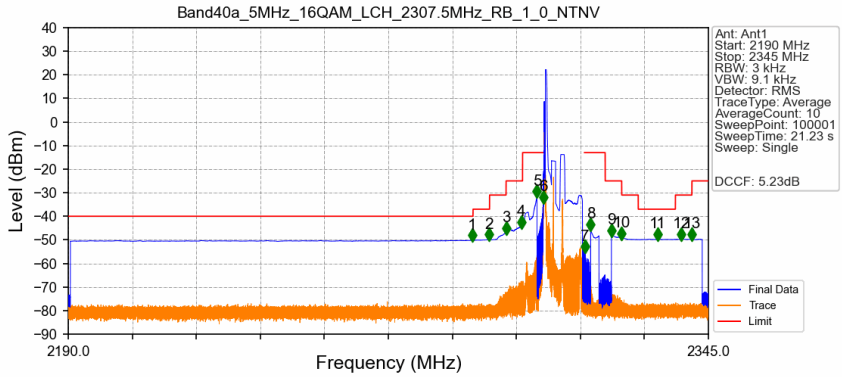
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	CHP	1	2285.227	-50.10	-40	Pass
2288	2292	1	CHP	2	2290.645	-49.89	-37	Pass
2292	2296	1	CHP	3	2295.873	-49.17	-31	Pass
2296	2300	1	CHP	4	2299.430	-47.54	-25	Pass
2300	2320	1	CHP	5	2303.499	-45.54	-13	Pass
2320	2305	1	CHP	6	2304.957	-51.51	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2316	0.003	/	7	2315.031	-29.56	-13	Pass
2316	2320	1	CHP	8	2316.502	-26.01	-13	Pass
2320	2324	1	CHP	9	2322.999	-41.45	-25	Pass
2324	2328	1	CHP	10	2324.046	-42.70	-31	Pass
2328	2337	1	CHP	11	2329.663	-48.11	-37	Pass
2337	2341	1	CHP	12	2339.228	-49.39	-31	Pass
2341	2345	1	CHP	13	2341.148	-49.46	-25	Pass

Band40a_5MHz_QPSK_HCH_2312.5MHz_RB_25_0_NTNV



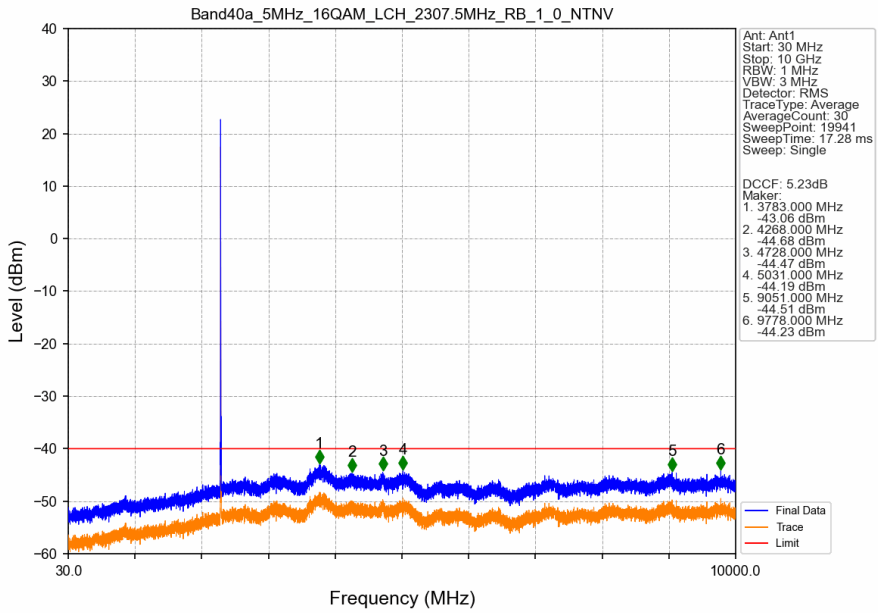
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	CHP	1	2241.243	-50.17	-40	Pass
2288	2292	1	CHP	2	2289.572	-50.05	-37	Pass
2292	2296	1	CHP	3	2295.989	-49.83	-31	Pass
2296	2300	1	CHP	4	2299.988	-46.51	-25	Pass
2300	2320	1	CHP	5	2303.336	-40.36	-13	Pass
2320	2305	1	CHP	6	2304.917	-48.89	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2316	0.062	/	7	2315.178	-25.12	-13	Pass
2316	2320	1	CHP	8	2316.511	-21.10	-13	Pass
2320	2324	1	CHP	9	2320.634	-40.19	-25	Pass
2324	2328	1	CHP	10	2324.013	-45.28	-31	Pass
2328	2337	1	CHP	11	2328.477	-49.14	-37	Pass
2337	2341	1	CHP	12	2340.970	-49.82	-31	Pass
2341	2345	1	CHP	13	2343.202	-49.70	-25	Pass

Band40a_5MHz_16QAM_LCH_2307.5MHz_RB_1_0_NTNV

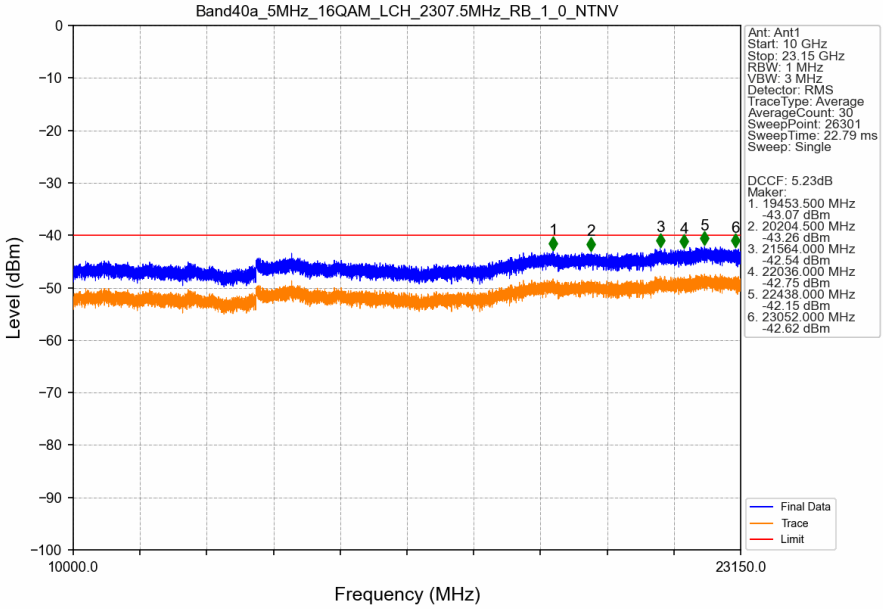


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	CHP	1	2287.796	-50.17	-40	Pass
2288	2292	1	CHP	2	2291.902	-49.81	-37	Pass
2292	2296	1	CHP	3	2295.997	-47.05	-31	Pass
2296	2300	1	CHP	4	2299.726	-44.43	-25	Pass
2300	2320	1	CHP	5	2303.499	-31.46	-13	Pass
2320	2305	0.003	/	6	2304.999	-33.91	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2316	1	CHP	7	2315.059	-54.90	-13	Pass
2316	2320	1	CHP	8	2316.500	-45.47	-13	Pass
2320	2324	1	CHP	9	2321.528	-48.11	-25	Pass
2324	2328	1	CHP	10	2324.001	-49.28	-31	Pass
2328	2337	1	CHP	11	2332.704	-49.73	-37	Pass
2337	2341	1	CHP	12	2338.399	-49.67	-31	Pass
2341	2345	1	CHP	13	2341.023	-49.74	-25	Pass

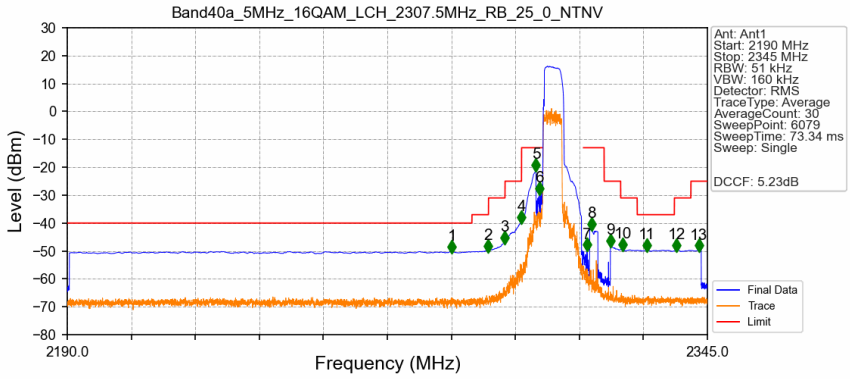
Band40a_5MHz_16QAM_LCH_2307.5MHz_RB_1_0_NTNV



Band40a_5MHz_16QAM_LCH_2307.5MHz_RB_1_0_NTNV

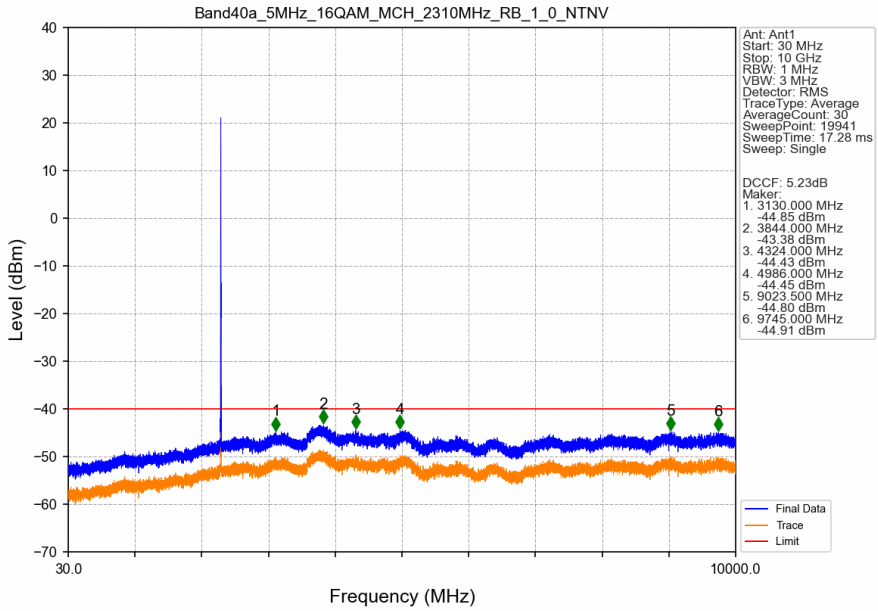


Band40a_5MHz_16QAM_LCH_2307.5MHz_RB_25_0_NTNV

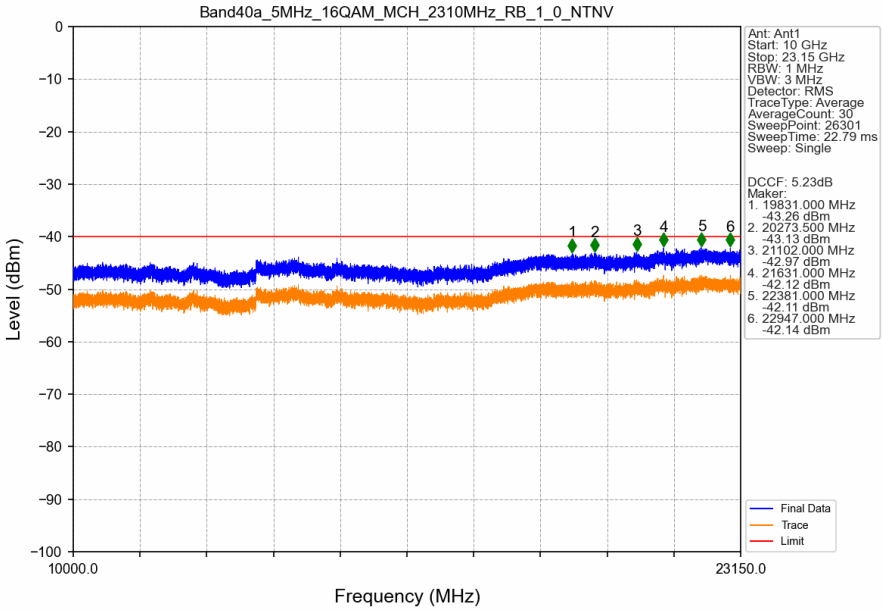


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	CHP	1	2283.158	-50.18	-40	Pass
2288	2292	1	CHP	2	2291.931	-49.83	-37	Pass
2292	2296	1	CHP	3	2295.986	-46.98	-31	Pass
2296	2300	1	CHP	4	2299.989	-39.57	-25	Pass
2300	2320	1	CHP	5	2303.483	-20.94	-13	Pass
2320	2305	0.051	/	6	2304.299	-29.32	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2316	1	CHP	7	2315.851	-49.50	-13	Pass
2316	2320	1	CHP	8	2316.897	-42.10	-13	Pass
2320	2324	1	CHP	9	2321.513	-48.05	-25	Pass
2324	2328	1	CHP	10	2324.548	-49.43	-31	Pass
2328	2337	1	CHP	11	2330.362	-49.60	-37	Pass
2337	2341	1	CHP	12	2337.553	-49.59	-31	Pass
2341	2345	1	CHP	13	2342.960	-49.76	-25	Pass

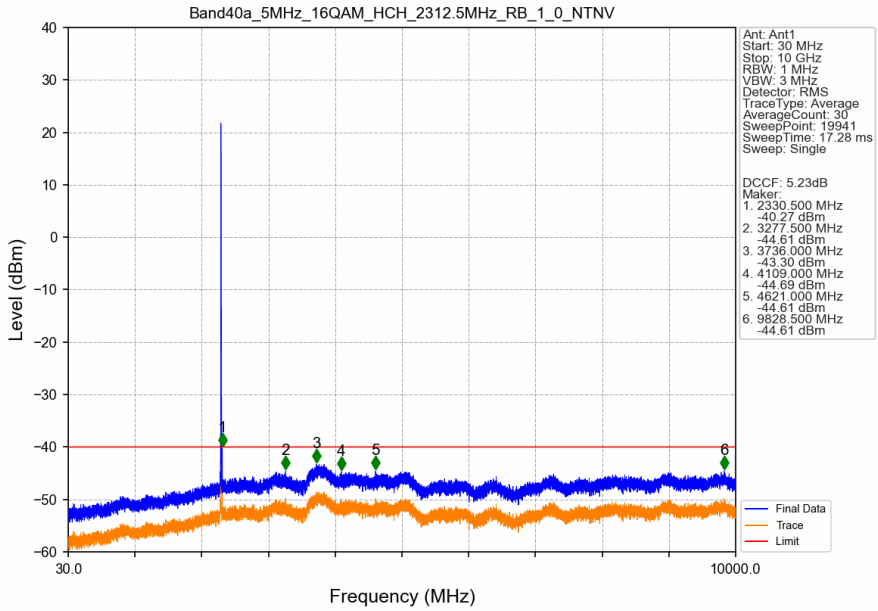
Band40a_5MHz_16QAM_MCH_2310MHz_RB_1_0_NTNV



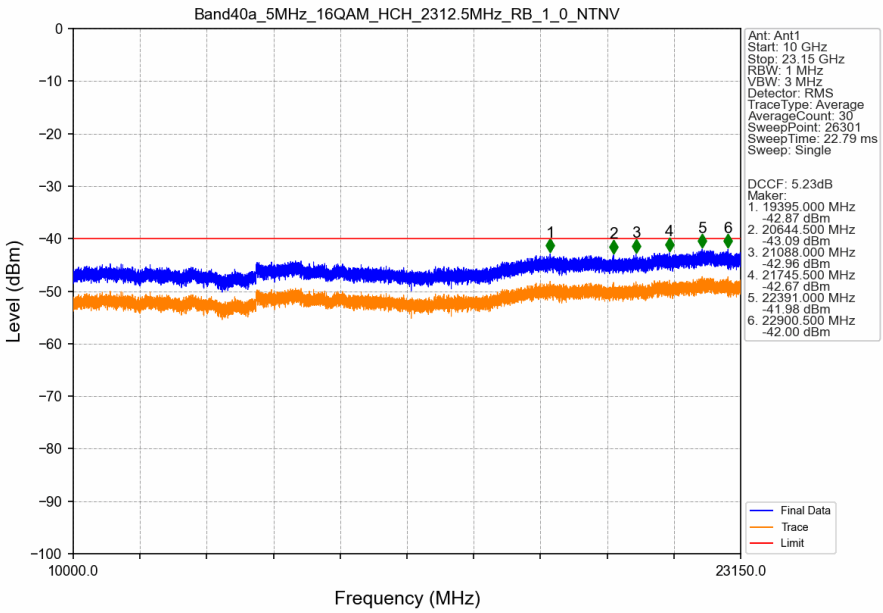
Band40a_5MHz_16QAM_MCH_2310MHz_RB_1_0_NTNV



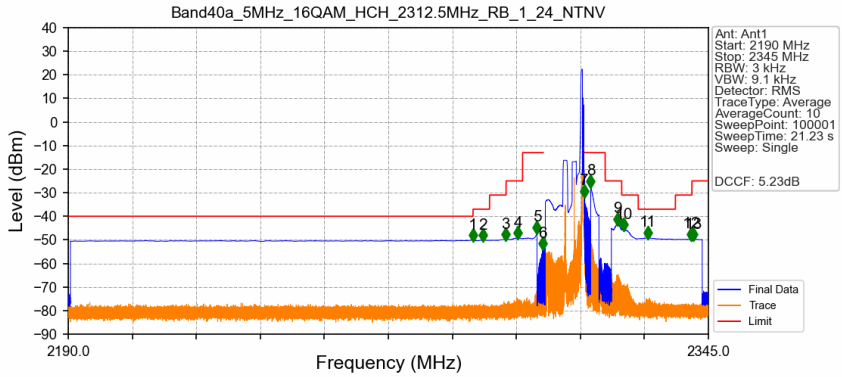
Band40a_5MHz_16QAM_HCH_2312.5MHz_RB_1_0_NTNV



Band40a_5MHz_16QAM_HCH_2312.5MHz_RB_1_0_NTNV

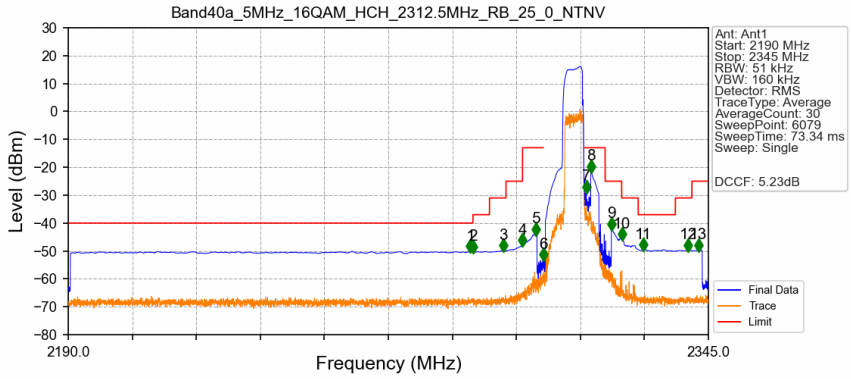


Band40a_5MHz_16QAM_HCH_2312.5MHz_RB_1_24_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	CHP	1	2287.949	-50.14	-40	Pass
2288	2292	1	CHP	2	2290.435	-50.13	-37	Pass
2292	2296	1	CHP	3	2295.884	-49.79	-31	Pass
2296	2300	1	CHP	4	2298.861	-49.12	-25	Pass
2300	2320	1	CHP	5	2303.488	-46.68	-13	Pass
2320	2305	1	CHP	6	2304.909	-53.61	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2316	0.003	/	7	2315.004	-31.42	-13	Pass
2316	2320	1	CHP	8	2316.500	-27.08	-13	Pass
2320	2324	1	CHP	9	2323.024	-43.13	-25	Pass
2324	2328	1	CHP	10	2324.557	-45.67	-31	Pass
2328	2337	1	CHP	11	2330.270	-49.08	-37	Pass
2337	2341	1	CHP	12	2340.858	-49.73	-31	Pass
2341	2345	1	CHP	13	2341.362	-49.76	-25	Pass

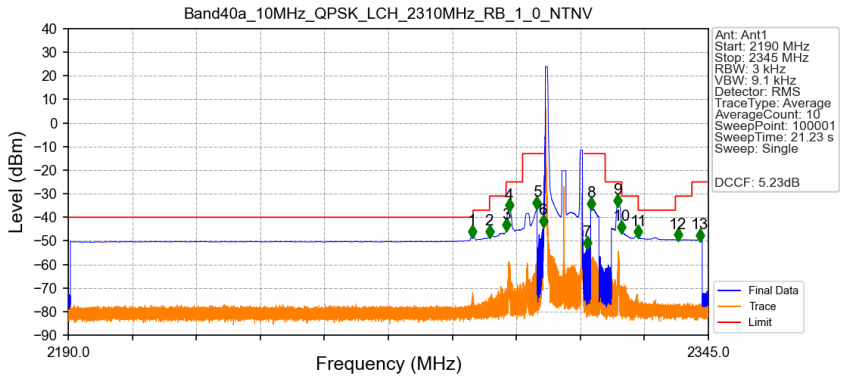
Band40a_5MHz_16QAM_HCH_2312.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	CHP	1	2287.366	-50.06	-40	Pass
2288	2292	1	CHP	2	2288.003	-50.18	-37	Pass
2292	2296	1	CHP	3	2295.373	-49.78	-31	Pass
2296	2300	1	CHP	4	2299.989	-47.90	-25	Pass
2300	2320	1	CHP	5	2303.228	-43.95	-13	Pass
2320	2305	1	CHP	6	2304.988	-53.02	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2316	0.051	/	7	2315.418	-28.69	-13	Pass
2316	2320	1	CHP	8	2316.514	-21.45	-13	Pass
2320	2324	1	CHP	9	2321.513	-41.95	-25	Pass
2324	2328	1	CHP	10	2324.038	-45.68	-31	Pass
2328	2337	1	CHP	11	2329.163	-49.48	-37	Pass
2337	2341	1	CHP	12	2340.078	-49.63	-31	Pass
2341	2345	1	CHP	13	2342.577	-49.69	-25	Pass

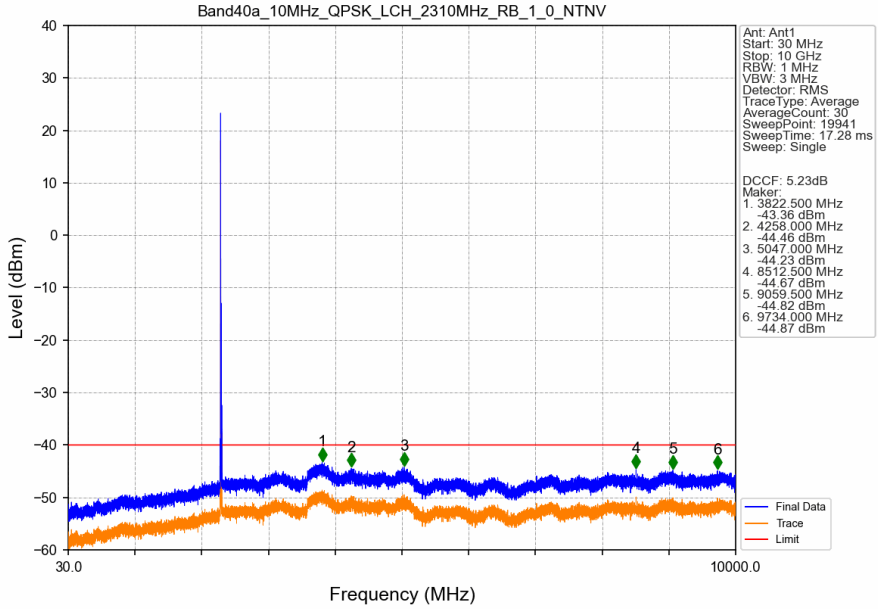
5.2.2 B40a_10MHz

Band40a_10MHz_QPSK_LCH_2310MHz_RB_1_0_NTNV

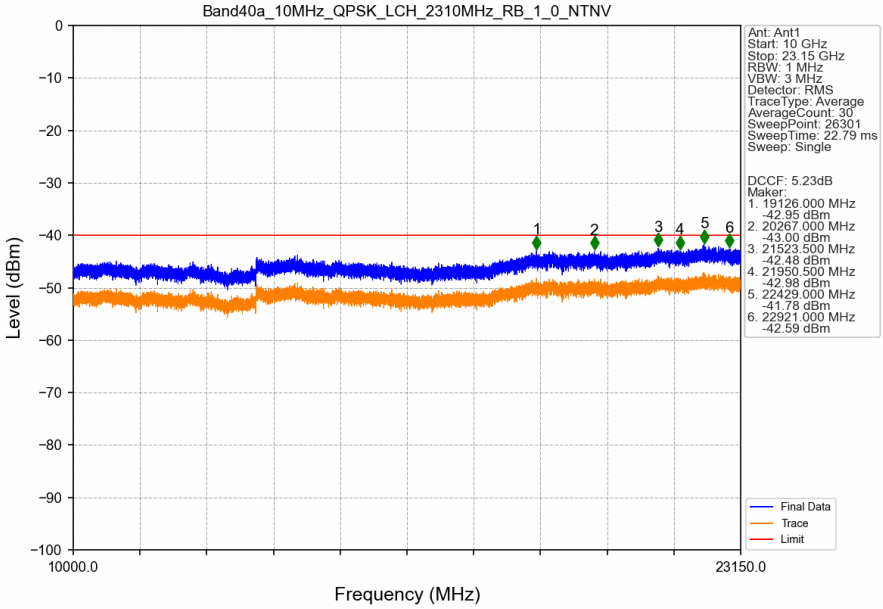


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	CHP	1	2287.794	-48.12	-40	Pass
2288	2292	1	CHP	2	2291.992	-47.93	-37	Pass
2292	2296	1	CHP	3	2296.000	-45.30	-31	Pass
2296	2300	1	CHP	4	2296.758	-37.01	-25	Pass
2300	2320	1	CHP	5	2303.499	-35.84	-13	Pass
2320	2305	0.003	/	6	2304.971	-43.63	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2316	0.003	/	7	2315.680	-52.75	-13	Pass
2316	2320	1	CHP	8	2316.609	-36.06	-13	Pass
2320	2324	1	CHP	9	2323.021	-34.93	-25	Pass
2324	2328	1	CHP	10	2324.001	-46.15	-31	Pass
2328	2337	1	CHP	11	2328.003	-48.21	-37	Pass
2337	2341	1	CHP	12	2337.645	-49.51	-31	Pass
2341	2345	1	CHP	13	2342.894	-49.56	-25	Pass

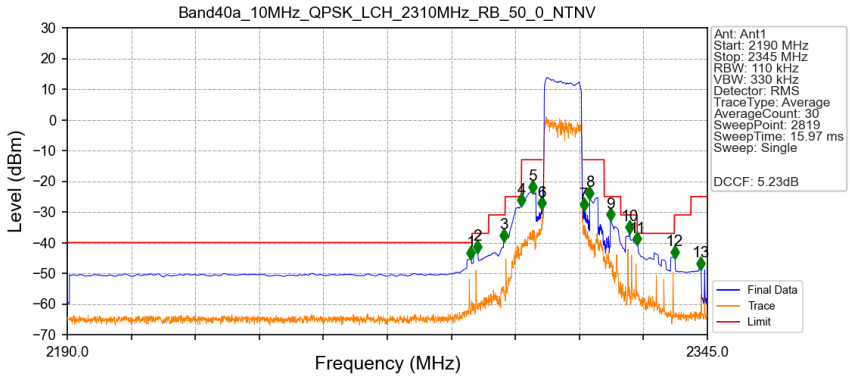
Band40a_10MHz_QPSK_LCH_2310MHz_RB_1_0_NTNV



Band40a_10MHz_QPSK_LCH_2310MHz_RB_1_0_NTNV

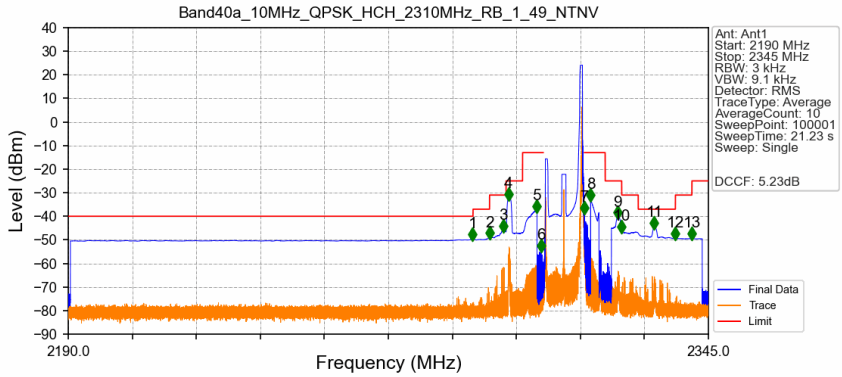


Band40a_10MHz_QPSK_LCH_2310MHz_RB_50_0_NTNV



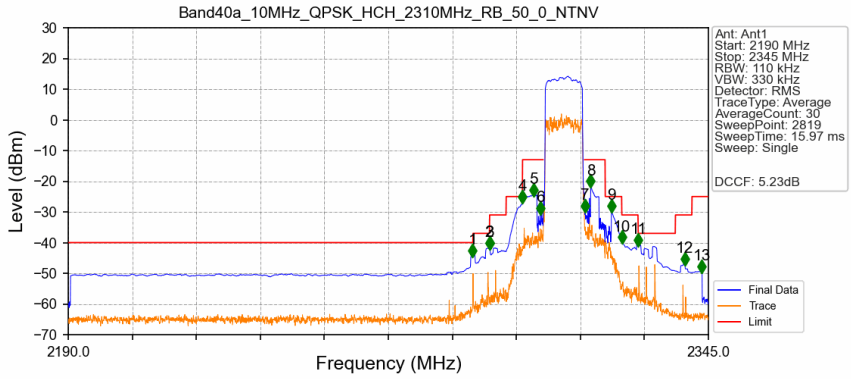
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	CHP	1	2287.741	-44.94	-40	Pass
2288	2292	1	CHP	2	2289.336	-42.88	-37	Pass
2292	2296	1	CHP	3	2295.772	-39.26	-31	Pass
2296	2300	1	CHP	4	2299.952	-27.75	-25	Pass
2300	2320	1	CHP	5	2302.592	-23.39	-13	Pass
2320	2305	0.11	/	6	2304.847	-28.72	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2316	0.11	/	7	2315.078	-29.19	-13	Pass
2316	2320	1	CHP	8	2316.508	-25.33	-13	Pass
2320	2324	1	CHP	9	2321.513	-32.42	-25	Pass
2324	2328	1	CHP	10	2326.189	-36.40	-31	Pass
2328	2337	1	CHP	11	2328.004	-40.33	-37	Pass
2337	2341	1	CHP	12	2337.079	-44.72	-31	Pass
2341	2345	1	CHP	13	2343.350	-48.39	-25	Pass

Band40a_10MHz_QPSK_HCH_2310MHz_RB_1_49_NTNV



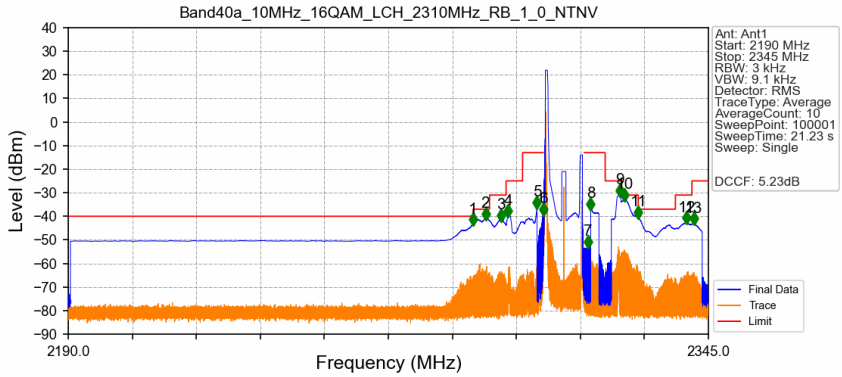
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	CHP	1	2287.867	-49.58	-40	Pass
2288	2292	1	CHP	2	2291.995	-49.17	-37	Pass
2292	2296	1	CHP	3	2295.395	-46.01	-31	Pass
2296	2300	1	CHP	4	2296.562	-32.63	-25	Pass
2300	2320	1	CHP	5	2303.352	-37.75	-13	Pass
2320	2305	0.003	/	6	2304.486	-54.36	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2316	0.003	/	7	2315.043	-38.50	-13	Pass
2316	2320	1	CHP	8	2316.500	-32.96	-13	Pass
2320	2324	1	CHP	9	2322.978	-40.46	-25	Pass
2324	2328	1	CHP	10	2324.001	-46.50	-31	Pass
2328	2337	1	CHP	11	2331.885	-44.94	-37	Pass
2337	2341	1	CHP	12	2337.000	-49.39	-31	Pass
2341	2345	1	CHP	13	2341.021	-49.38	-25	Pass

Band40a_10MHz_QPSK_HCH_2310MHz_RB_50_0_NTNV



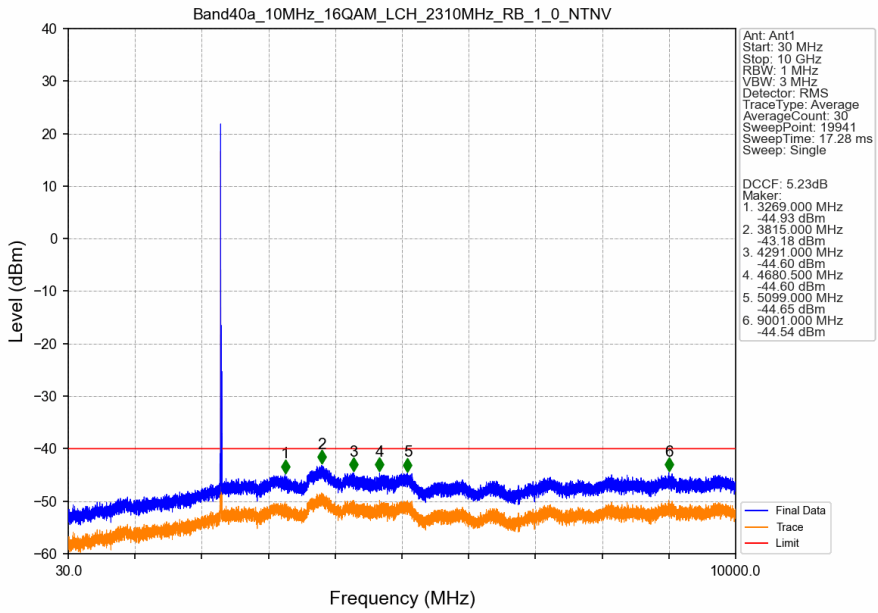
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	CHP	1	2287.851	-44.17	-40	Pass
2288	2292	1	CHP	2	2291.977	-41.70	-37	Pass
2292	2296	1	CHP	3	2292.032	-41.62	-31	Pass
2296	2300	1	CHP	4	2299.952	-26.62	-25	Pass
2300	2320	1	CHP	5	2302.702	-24.45	-13	Pass
2320	2305	0.11	/	6	2304.297	-30.33	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2316	0.11	/	7	2315.133	-29.63	-13	Pass
2316	2320	1	CHP	8	2316.508	-21.56	-13	Pass
2320	2324	1	CHP	9	2321.513	-29.51	-25	Pass
2324	2328	1	CHP	10	2324.044	-39.85	-31	Pass
2328	2337	1	CHP	11	2328.004	-40.77	-37	Pass
2337	2341	1	CHP	12	2339.280	-46.83	-31	Pass
2341	2345	1	CHP	13	2343.405	-49.25	-25	Pass

Band40a_10MHz_16QAM_LCH_2310MHz_RB_1_0_NTNV

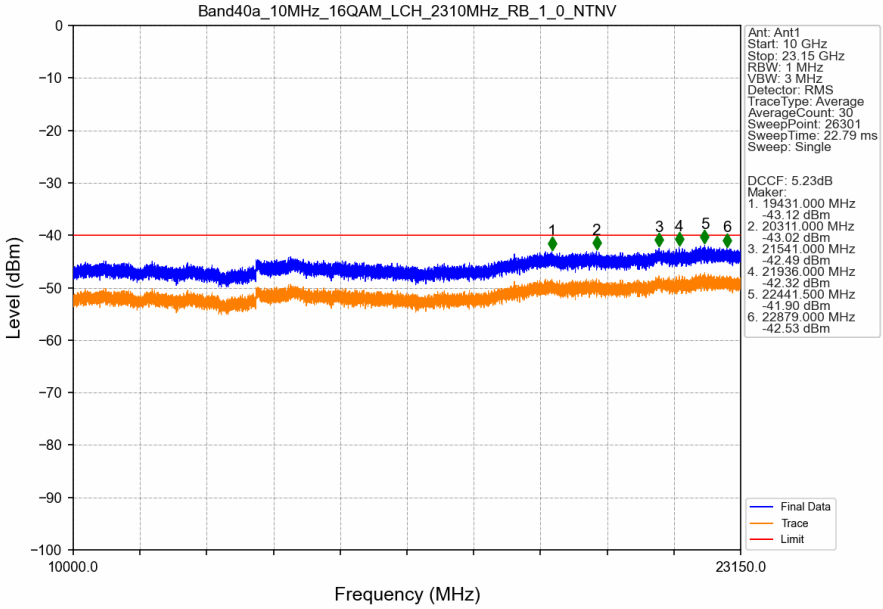


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	CHP	1	2287.958	-43.36	-40	Pass
2288	2292	1	CHP	2	2291.060	-41.01	-37	Pass
2292	2296	1	CHP	3	2294.747	-41.54	-31	Pass
2296	2300	1	CHP	4	2296.518	-39.85	-25	Pass
2300	2320	1	CHP	5	2303.499	-36.10	-13	Pass
2320	2305	0.003	/	6	2304.990	-39.06	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2316	0.003	/	7	2315.866	-52.87	-13	Pass
2316	2320	1	CHP	8	2316.500	-36.77	-13	Pass
2320	2324	1	CHP	9	2323.508	-31.00	-25	Pass
2324	2328	1	CHP	10	2324.748	-33.02	-31	Pass
2328	2337	1	CHP	11	2328.001	-40.32	-37	Pass
2337	2341	1	CHP	12	2339.676	-42.72	-31	Pass
2341	2345	1	CHP	13	2341.464	-43.04	-25	Pass

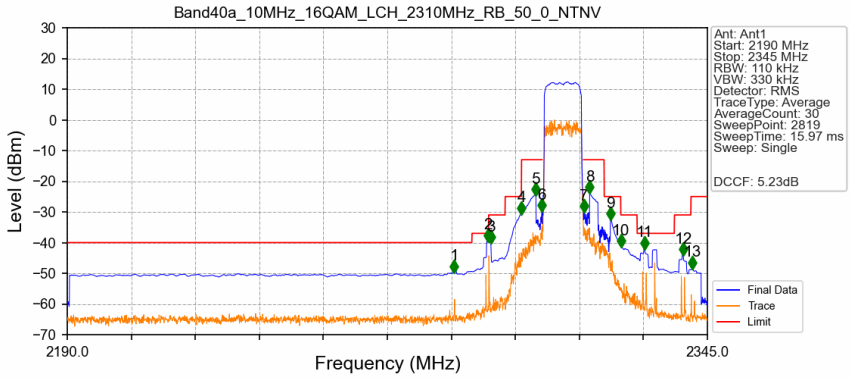
Band40a_10MHz_16QAM_LCH_2310MHz_RB_1_0_NTNV



Band40a_10MHz_16QAM_LCH_2310MHz_RB_1_0_NTNV

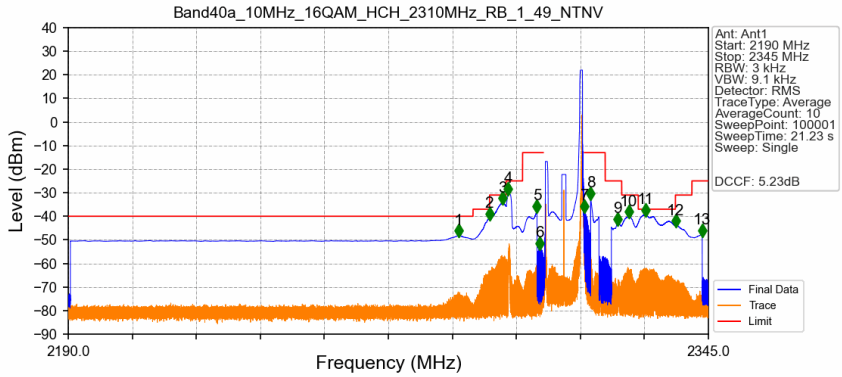


Band40a_10MHz_16QAM_LCH_2310MHz_RB_50_0_NTNV



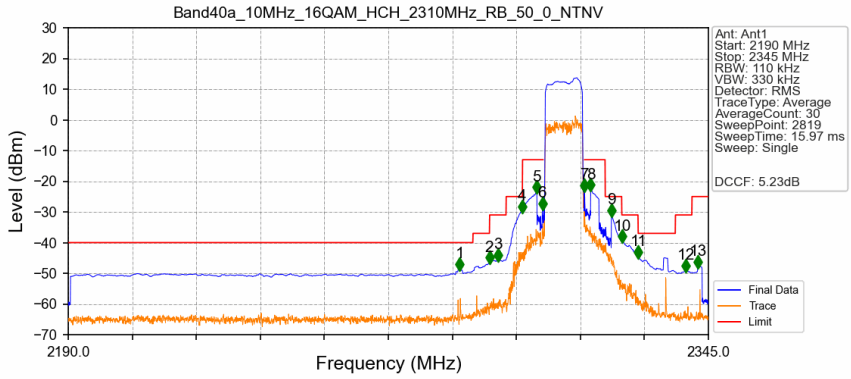
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	CHP	1	2283.671	-49.29	-40	Pass
2288	2292	1	CHP	2	2291.812	-39.29	-37	Pass
2292	2296	1	CHP	3	2292.527	-39.83	-31	Pass
2296	2300	1	CHP	4	2299.952	-30.31	-25	Pass
2300	2320	1	CHP	5	2303.472	-24.27	-13	Pass
2320	2305	0.11	/	6	2304.902	-29.46	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2316	0.11	/	7	2315.078	-29.67	-13	Pass
2316	2320	1	CHP	8	2316.508	-23.49	-13	Pass
2320	2324	1	CHP	9	2321.513	-32.14	-25	Pass
2324	2328	1	CHP	10	2324.044	-41.03	-31	Pass
2328	2337	1	CHP	11	2329.764	-41.68	-37	Pass
2337	2341	1	CHP	12	2339.115	-43.74	-31	Pass
2341	2345	1	CHP	13	2341.370	-48.13	-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	2284.531	-48.22	-40	Pass
2288	2292	1	CHP	2	2291.978	-41.08	-37	Pass
2292	2296	1	CHP	3	2295.189	-34.40	-31	Pass
2296	2300	1	CHP	4	2296.502	-30.33	-25	Pass
2300	2320	1	CHP	5	2303.491	-37.85	-13	Pass
2320	2305	0.003	/	6	2304.189	-53.46	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2316	0.003	/	7	2315.034	-37.72	-13	Pass
2316	2320	1	CHP	8	2316.500	-32.24	-13	Pass
2320	2324	1	CHP	9	2322.933	-43.29	-25	Pass
2324	2328	1	CHP	10	2325.702	-40.17	-31	Pass
2328	2337	1	CHP	11	2329.790	-39.48	-37	Pass
2337	2341	1	CHP	12	2337.090	-43.98	-31	Pass
2341	2345	1	CHP	13	2343.492	-47.94	-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	2284.771	-48.53	-40	Pass
2288	2292	1	CHP	2	2291.977	-46.50	-37	Pass
2292	2296	1	CHP	3	2294.122	-45.54	-31	Pass
2296	2300	1	CHP	4	2299.842	-29.78	-25	Pass
2300	2320	1	CHP	5	2303.472	-23.55	-13	Pass
2320	2305	0.11	/	6	2304.792	-28.79	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2316	0.11	/	7	2315.023	-22.86	-13	Pass
2316	2320	1	CHP	8	2316.508	-22.78	-13	Pass
2320	2324	1	CHP	9	2321.513	-31.12	-25	Pass
2324	2328	1	CHP	10	2324.154	-39.54	-31	Pass
2328	2337	1	CHP	11	2328.004	-44.56	-37	Pass
2337	2341	1	CHP	12	2339.500	-49.03	-31	Pass
2341	2345	1	CHP	13	2342.470	-47.85	-25	Pass

6. Field Strength of Spurious Radiation

LTE Band 40 2305-2315-Low channel								
Frequency (MHz)	**EIRP (dBm)**	**Limit (dBm)**	**Over Limit (dB)**	**S.G. Power (dBm)**	**Cable Loss (dB)**	**Antenna Gain (dBi)**	**Polarization (H/V)**	**Result**
4610.5	-64.23	-40	-24.23	-69.39	4.4	9.56	Horizontal	Pass
6915.75	-61.05	-40	-21.05	-67.16	4.91	11.02	Horizontal	Pass
9221.0	-57.42	-40	-17.42	-65.4	5.24	13.22	Horizontal	Pass
4610.5	-64.69	-40	-24.69	-69.85	4.4	9.56	Vertical	Pass
6915.75	-61.0	-40	-21.0	-67.11	4.91	11.02	Vertical	Pass
9221.0	-57.3	-40	-17.3	-65.28	5.24	13.22	Vertical	Pass

LTE Band 40 2305-2315-Middle channel								
Frequency (MHz)	**EIRP (dBm)**	**Limit (dBm)**	**Over Limit (dB)**	**S.G. Power (dBm)**	**Cable Loss (dB)**	**Antenna Gain (dBi)**	**Polarization (H/V)**	**Result**
4615.5	-64.68	-40	-24.68	-69.85	4.4	9.57	Horizontal	Pass
6923.75	-60.88	-40	-20.88	-67.0	4.91	11.03	Horizontal	Pass
9231.0	-57.5	-40	-17.5	-65.48	5.24	13.22	Horizontal	Pass
4615.5	-64.86	-40	-24.86	-70.03	4.4	9.57	Vertical	Pass
6923.75	-60.9	-40	-20.9	-67.02	4.91	11.03	Vertical	Pass
9231.0	-57.59	-40	-17.59	-65.57	5.24	13.22	Vertical	Pass

LTE Band 40 2305-2315-High channel								
Frequency (MHz)	**EIRP (dBm)**	**Limit (dBm)**	**Over Limit (dB)**	**S.G. Power (dBm)**	**Cable Loss (dB)**	**Antenna Gain (dBi)**	**Polarization (H/V)**	**Result**
4620.5	-64.52	-40	-24.52	-69.7	4.4	9.58	Horizontal	Pass
6930.75	-60.63	-40	-20.63	-66.76	4.91	11.04	Horizontal	Pass
9241.0	-57.99	-40	-17.99	-65.96	5.25	13.22	Horizontal	Pass
4620.5	-64.96	-40	-24.96	-70.14	4.4	9.58	Vertical	Pass
6930.75	-61.3	-40	-21.3	-67.43	4.91	11.04	Vertical	Pass
9241.0	-58.01	-40	-18.01	-65.98	5.25	13.22	Vertical	Pass

---End of Attachment---