

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	21.16	-2.20	18.96	<=23.98	Pass
			25	21.35	-2.20	19.15	<=23.98	Pass
			49	21.29	-2.20	19.09	<=23.98	Pass
		25	0	20.15	-2.20	17.95	<=23.98	Pass
			13	19.92	-2.20	17.72	<=23.98	Pass
			25	20.07	-2.20	17.87	<=23.98	Pass
		50	0	20.60	-2.20	18.40	<=23.98	Pass
16QAM	2310	1	0	20.21	-2.20	18.01	<=23.98	Pass
			25	20.29	-2.20	18.09	<=23.98	Pass
			49	20.29	-2.20	18.09	<=23.98	Pass
		25	0	19.08	-2.20	16.88	<=23.98	Pass
			13	19.18	-2.20	16.98	<=23.98	Pass
			25	19.28	-2.20	17.08	<=23.98	Pass
		50	0	19.10	-2.20	16.90	<=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	2.775	0.0012	-2.5 to 2.5	Pass
					3.85	1.688	0.0007	-2.5 to 2.5	Pass
					4.43	1.802	0.0008	-2.5 to 2.5	Pass
				-30	3.85	1.531	0.0007	-2.5 to 2.5	Pass
				-20	3.85	3.891	0.0017	-2.5 to 2.5	Pass
				-10	3.85	3.948	0.0017	-2.5 to 2.5	Pass
				0	3.85	4.549	0.0020	-2.5 to 2.5	Pass
				10	3.85	5.093	0.0022	-2.5 to 2.5	Pass
				30	3.85	4.821	0.0021	-2.5 to 2.5	Pass
				40	3.85	5.078	0.0022	-2.5 to 2.5	Pass
				50	3.85	4.048	0.0018	-2.5 to 2.5	Pass
	2310	25	0	20	3.27	3.061	0.0013	-2.5 to 2.5	Pass
					3.85	4.692	0.0020	-2.5 to 2.5	Pass
					4.43	3.476	0.0015	-2.5 to 2.5	Pass
				-30	3.85	2.189	0.0009	-2.5 to 2.5	Pass
				-20	3.85	4.907	0.0021	-2.5 to 2.5	Pass
				-10	3.85	1.860	0.0008	-2.5 to 2.5	Pass
				0	3.85	3.419	0.0015	-2.5 to 2.5	Pass
				10	3.85	4.334	0.0019	-2.5 to 2.5	Pass
				30	3.85	3.219	0.0014	-2.5 to 2.5	Pass
				40	3.85	5.350	0.0023	-2.5 to 2.5	Pass
				50	3.85	1.774	0.0008	-2.5 to 2.5	Pass
	2312.5	25	0	20	3.27	6.938	0.0030	-2.5 to 2.5	Pass
					3.85	2.017	0.0009	-2.5 to 2.5	Pass
					4.43	1.788	0.0008	-2.5 to 2.5	Pass
				-30	3.85	2.174	0.0009	-2.5 to 2.5	Pass
				-20	3.85	2.661	0.0012	-2.5 to 2.5	Pass
				-10	3.85	5.093	0.0022	-2.5 to 2.5	Pass
				0	3.85	3.619	0.0016	-2.5 to 2.5	Pass

16QAM				10	3.85	3.233	0.0014	-2.5 to 2.5	Pass
				30	3.85	4.020	0.0017	-2.5 to 2.5	Pass
				40	3.85	3.147	0.0014	-2.5 to 2.5	Pass
				50	3.85	3.576	0.0015	-2.5 to 2.5	Pass
	2307.5	25	0	20	3.27	4.377	0.0019	-2.5 to 2.5	Pass
					3.85	2.403	0.0010	-2.5 to 2.5	Pass
					4.43	2.761	0.0012	-2.5 to 2.5	Pass
				-30	3.85	3.848	0.0017	-2.5 to 2.5	Pass
				-20	3.85	1.359	0.0006	-2.5 to 2.5	Pass
				-10	3.85	2.832	0.0012	-2.5 to 2.5	Pass
				0	3.85	3.333	0.0014	-2.5 to 2.5	Pass
				10	3.85	1.903	0.0008	-2.5 to 2.5	Pass
				30	3.85	1.760	0.0008	-2.5 to 2.5	Pass
				40	3.85	3.433	0.0015	-2.5 to 2.5	Pass
				50	3.85	2.618	0.0011	-2.5 to 2.5	Pass
	2310	25	0	20	3.27	3.490	0.0015	-2.5 to 2.5	Pass
					3.85	3.004	0.0013	-2.5 to 2.5	Pass
					4.43	5.007	0.0022	-2.5 to 2.5	Pass
				-30	3.85	4.721	0.0020	-2.5 to 2.5	Pass
				-20	3.85	3.877	0.0017	-2.5 to 2.5	Pass
				-10	3.85	1.802	0.0008	-2.5 to 2.5	Pass
				0	3.85	3.061	0.0013	-2.5 to 2.5	Pass
				10	3.85	3.376	0.0015	-2.5 to 2.5	Pass
				30	3.85	1.402	0.0006	-2.5 to 2.5	Pass
				40	3.85	3.991	0.0017	-2.5 to 2.5	Pass
				50	3.85	3.920	0.0017	-2.5 to 2.5	Pass
	2312.5	25	0	20	3.27	3.233	0.0014	-2.5 to 2.5	Pass
					3.85	3.448	0.0015	-2.5 to 2.5	Pass
					4.43	3.061	0.0013	-2.5 to 2.5	Pass
				-30	3.85	2.704	0.0012	-2.5 to 2.5	Pass
				-20	3.85	3.276	0.0014	-2.5 to 2.5	Pass
				-10	3.85	1.874	0.0008	-2.5 to 2.5	Pass
				0	3.85	3.104	0.0013	-2.5 to 2.5	Pass
				10	3.85	3.777	0.0016	-2.5 to 2.5	Pass
				30	3.85	3.276	0.0014	-2.5 to 2.5	Pass
				40	3.85	1.788	0.0008	-2.5 to 2.5	Pass
				50	3.85	3.176	0.0014	-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	0.486	0.0002	-2.5 to 2.5	Pass
					3.85	2.232	0.0010	-2.5 to 2.5	Pass
					4.43	3.734	0.0016	-2.5 to 2.5	Pass
				-30	3.85	3.920	0.0017	-2.5 to 2.5	Pass
				-20	3.85	4.392	0.0019	-2.5 to 2.5	Pass
				-10	3.85	4.034	0.0017	-2.5 to 2.5	Pass
				0	3.85	1.831	0.0008	-2.5 to 2.5	Pass
				10	3.85	3.047	0.0013	-2.5 to 2.5	Pass
				30	3.85	3.633	0.0016	-2.5 to 2.5	Pass
				40	3.85	4.478	0.0019	-2.5 to 2.5	Pass
				50	3.85	4.606	0.0020	-2.5 to 2.5	Pass
16QAM	2310	50	0	20	3.27	3.848	0.0017	-2.5 to 2.5	Pass
					3.85	3.762	0.0016	-2.5 to 2.5	Pass
					4.43	2.675	0.0012	-2.5 to 2.5	Pass

				-30	3.85	2.661	0.0012	-2.5 to 2.5	Pass
				-20	3.85	2.375	0.0010	-2.5 to 2.5	Pass
				-10	3.85	1.588	0.0007	-2.5 to 2.5	Pass
				0	3.85	2.074	0.0009	-2.5 to 2.5	Pass
				10	3.85	2.332	0.0010	-2.5 to 2.5	Pass
				30	3.85	4.306	0.0019	-2.5 to 2.5	Pass
				40	3.85	2.875	0.0012	-2.5 to 2.5	Pass
				50	3.85	2.747	0.0012	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B40a_5MHz

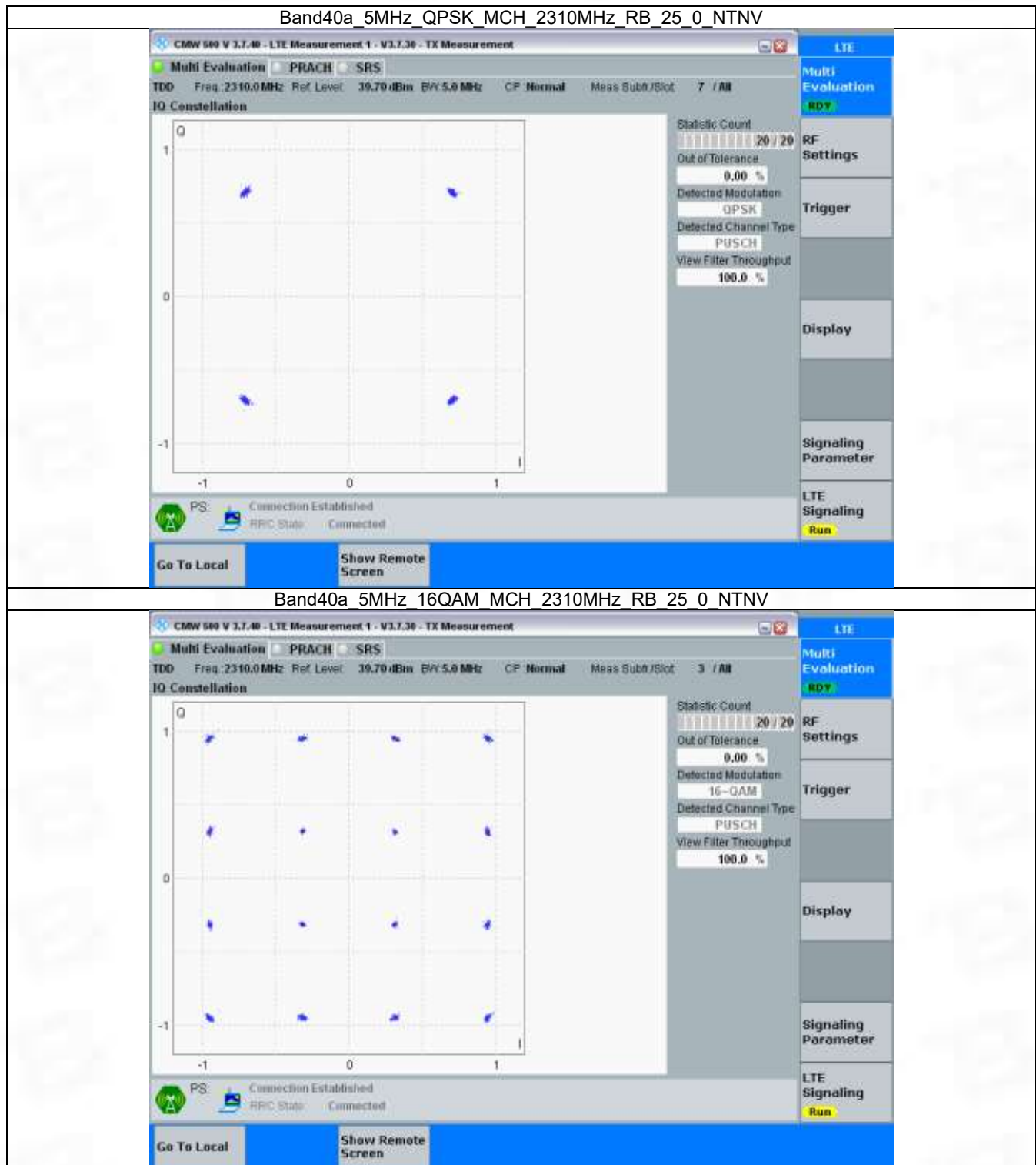
Band: 40a / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2310	25	0	Refer To Test Graph		Pass
16QAM	2310	25	0	Refer To Test Graph		Pass

3.1.2 B40a_10MHz

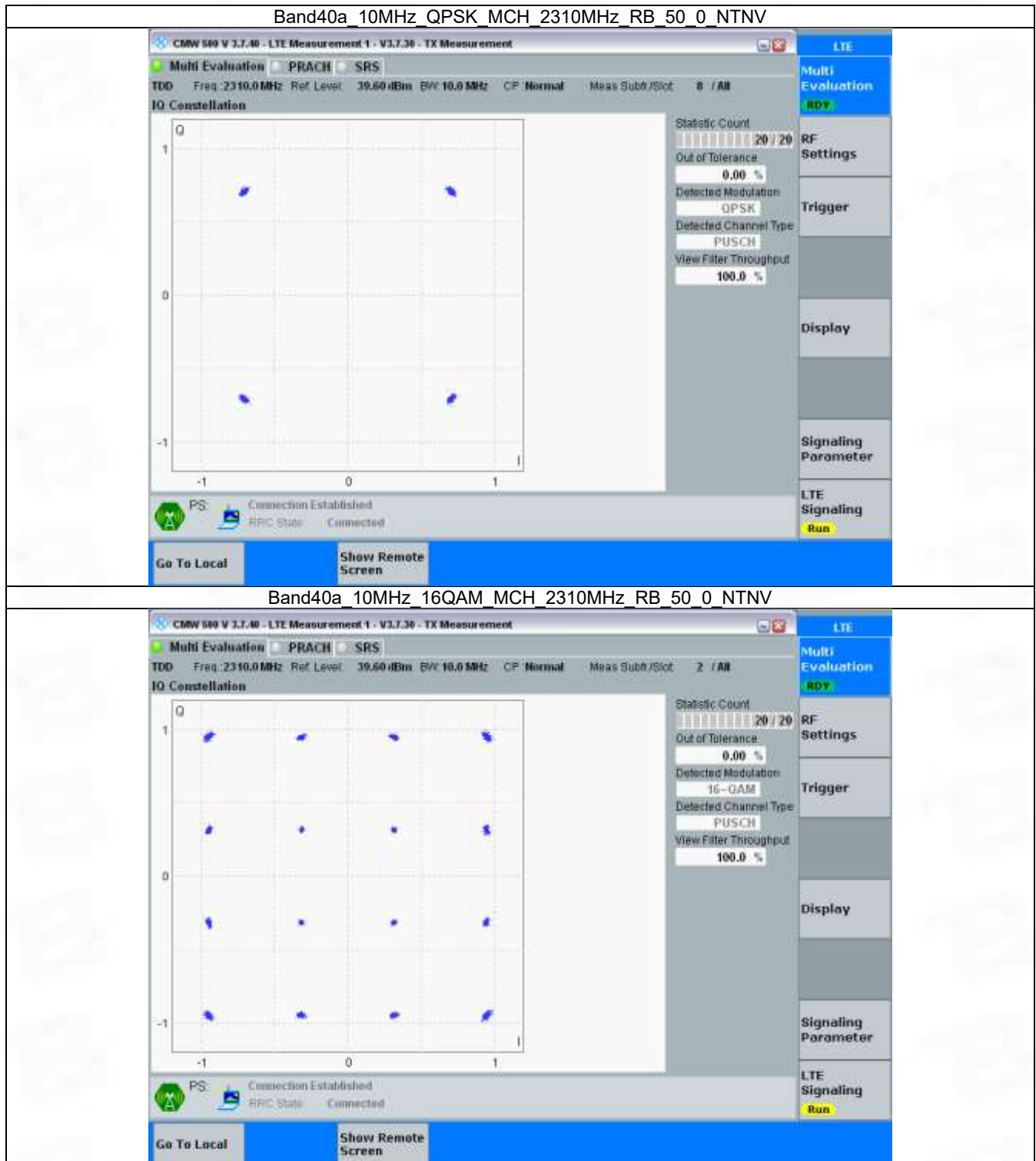
Band: 40a / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2310	50	0	Refer To Test Graph		Pass
16QAM	2310	50	0	Refer To Test Graph		Pass

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

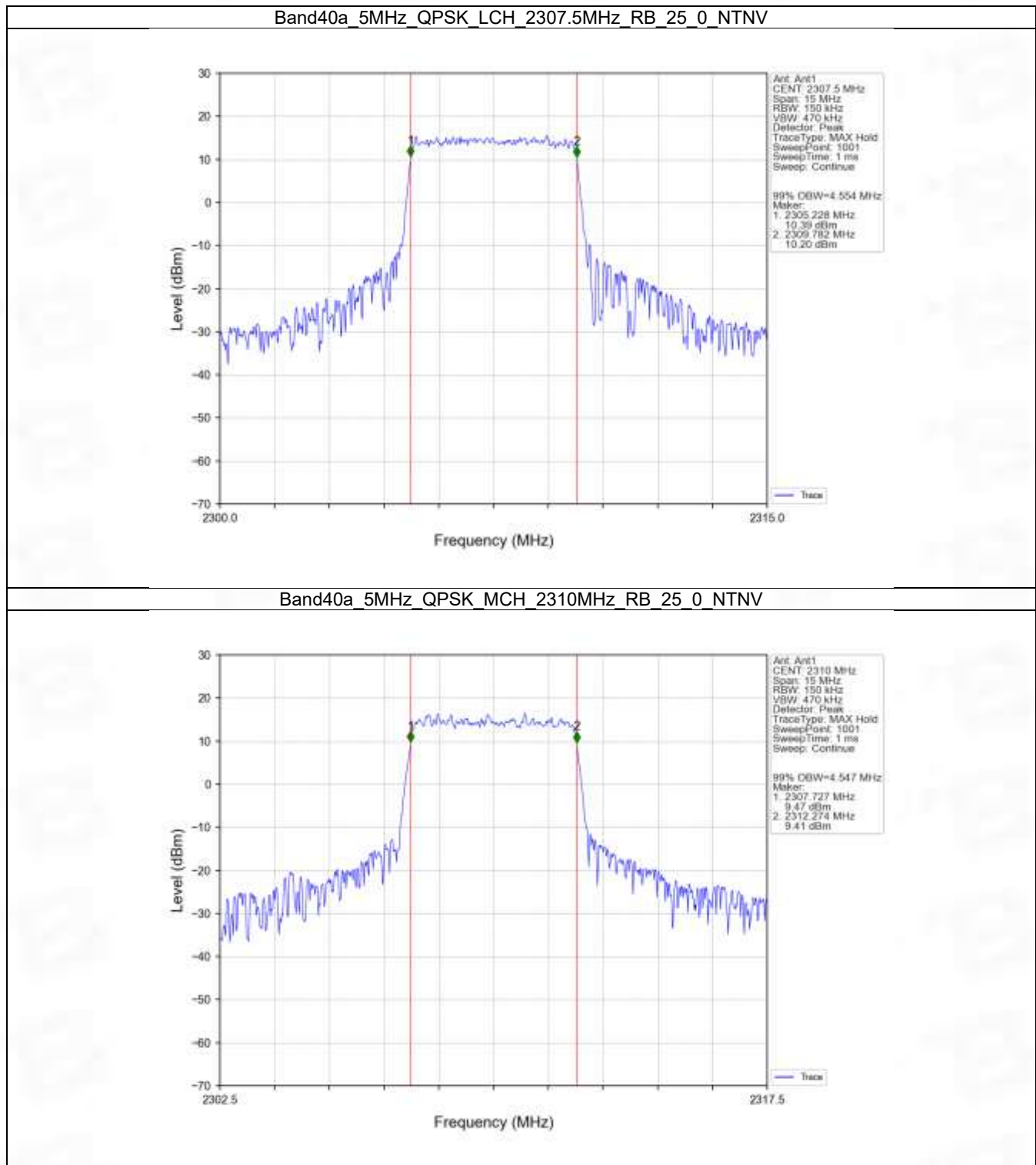
Band: 40a / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2307.5	25	0	4.554	/	Pass
		2310	25	0	4.547	/	Pass
		2312.5	25	0	4.546	/	Pass
	16QAM	2307.5	25	0	4.596	/	Pass
		2310	25	0	4.566	/	Pass
		2312.5	25	0	4.547	/	Pass
10	QPSK	2310	50	0	9.090	/	Pass
	16QAM	2310	50	0	9.070	/	Pass

4.1.2 Band40a_XDB

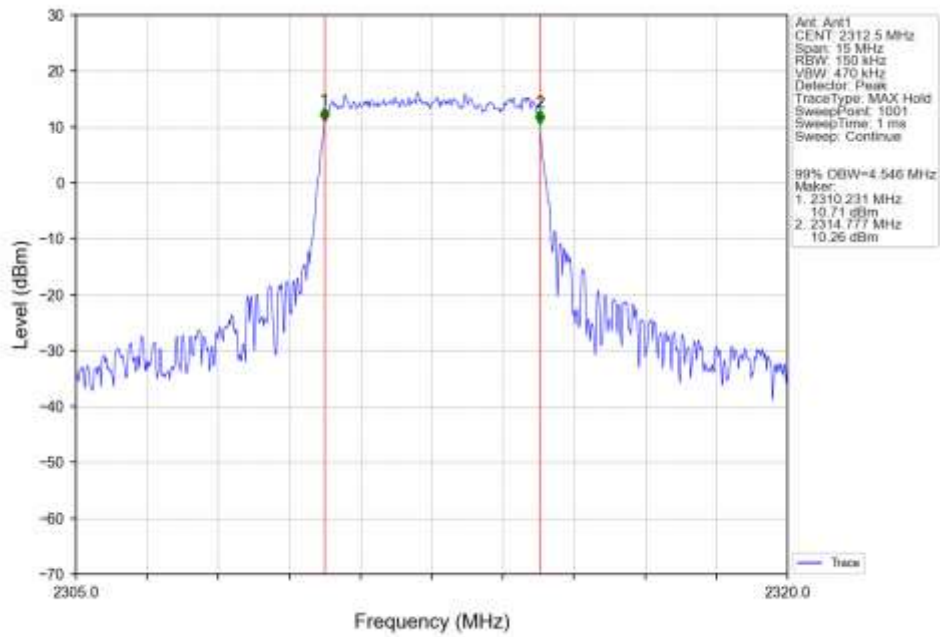
Band: 40a / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2307.5	25	0	5.208	/	Pass
		2310	25	0	5.081	/	Pass
		2312.5	25	0	5.135	/	Pass
	16QAM	2307.5	25	0	5.329	/	Pass
		2310	25	0	5.159	/	Pass
		2312.5	25	0	5.066	/	Pass
10	QPSK	2310	50	0	10.183	/	Pass
	16QAM	2310	50	0	10.073	/	Pass

4.2 Test Graph

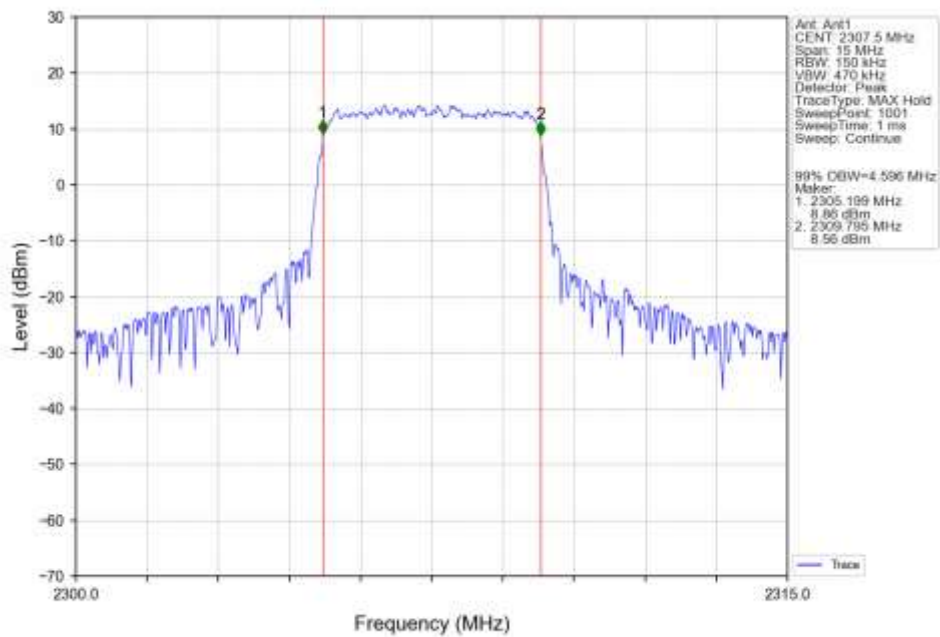
4.2.1 Band40a_OBW



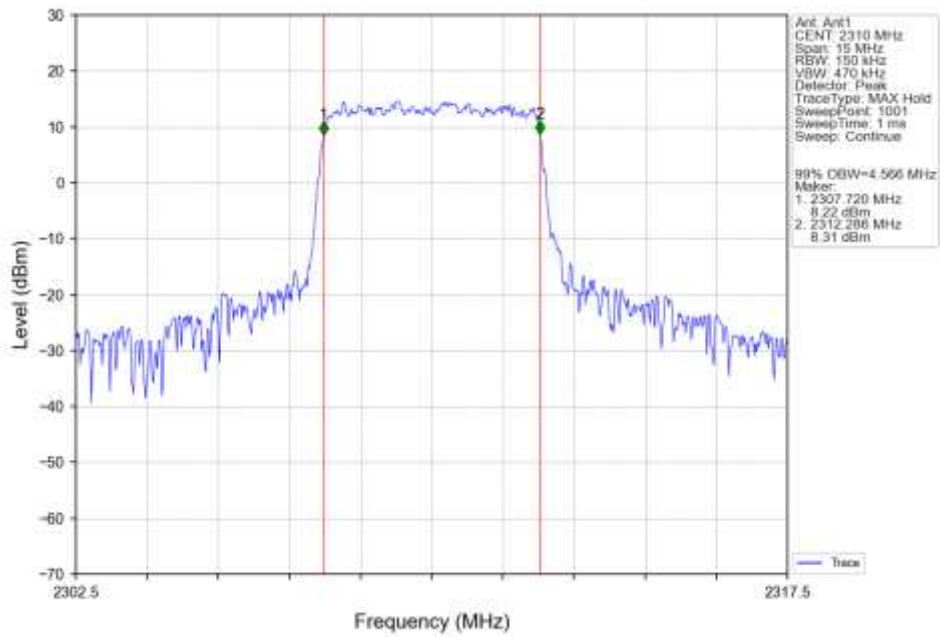
Band40a 5MHz QPSK HCH 2312.5MHz RB 25 0 NTNV



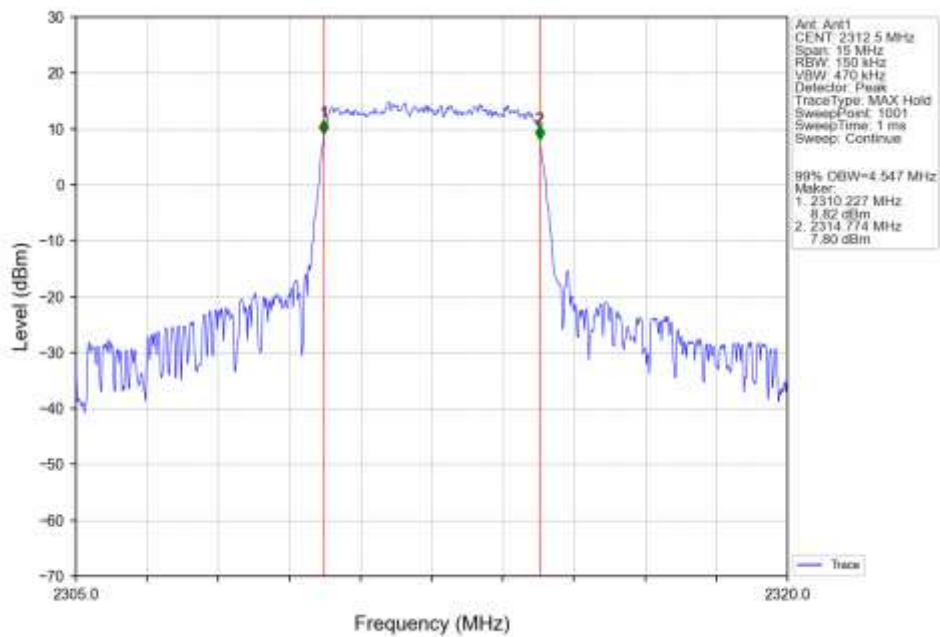
Band40a 5MHz 16QAM LCH 2307.5MHz RB 25 0 NTNV



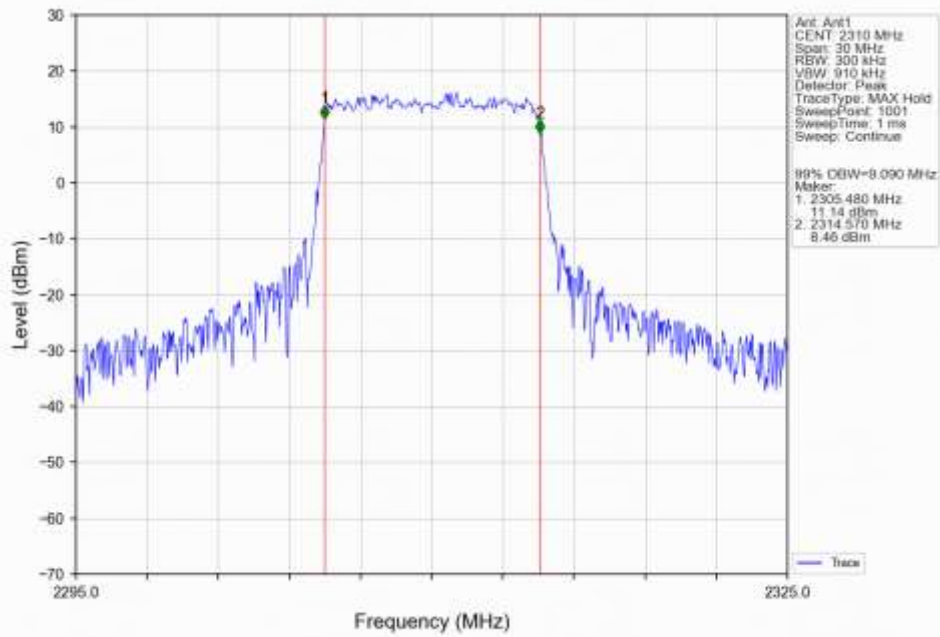
Band40a 5MHz 16QAM MCH 2310MHz RB 25 0 NTNV



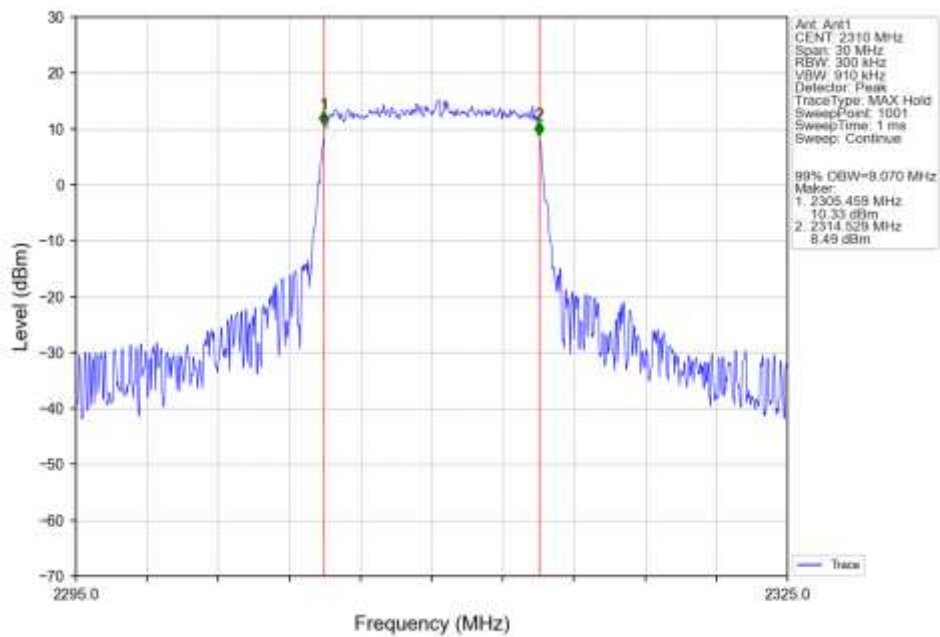
Band40a 5MHz 16QAM HCH 2312.5MHz RB 25 0 NTNV



Band40a 10MHz QPSK MCH 2310MHz RB 50 0 NTNV

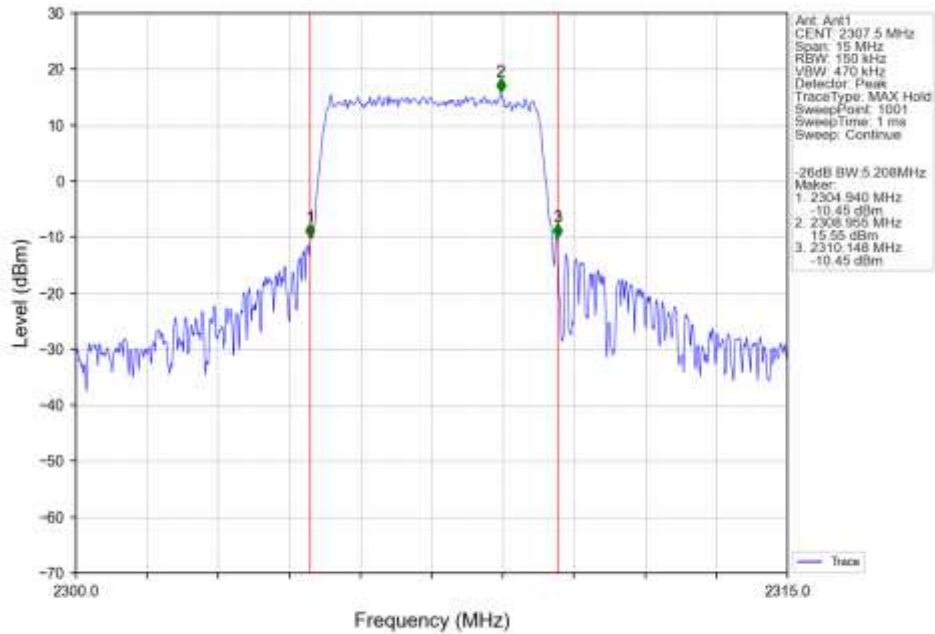


Band40a 10MHz 16QAM MCH 2310MHz RB 50 0 NTNV

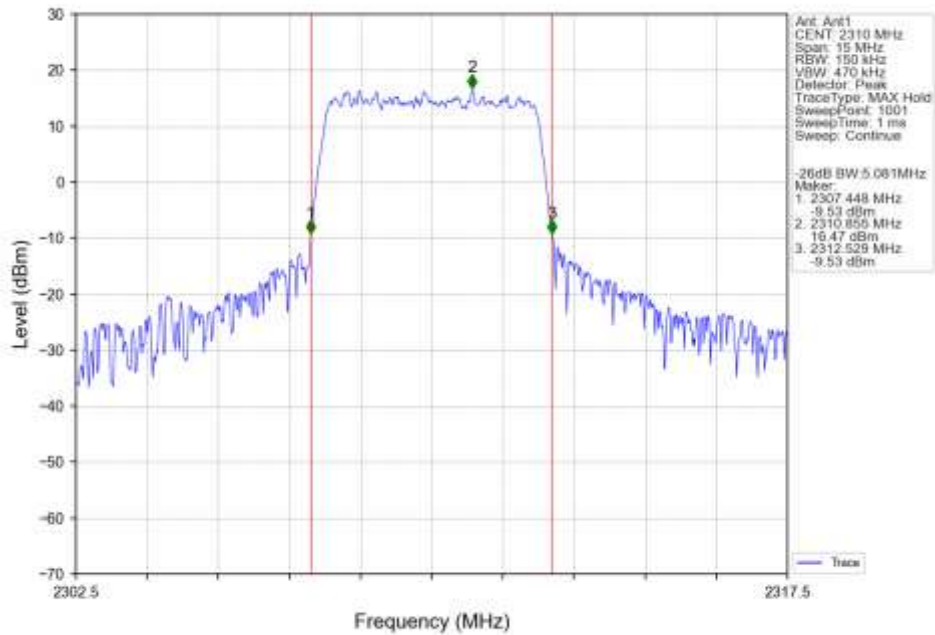


4.2.2 Band40a_XDB

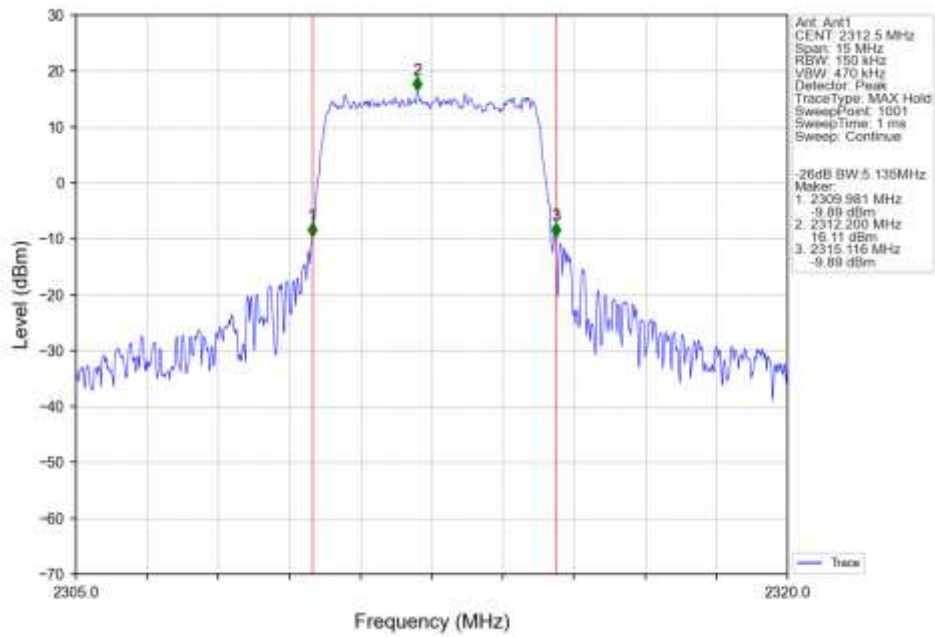
Band40a_5MHz_QPSK_LCH_2307.5MHz_RB_25_0_NTNV



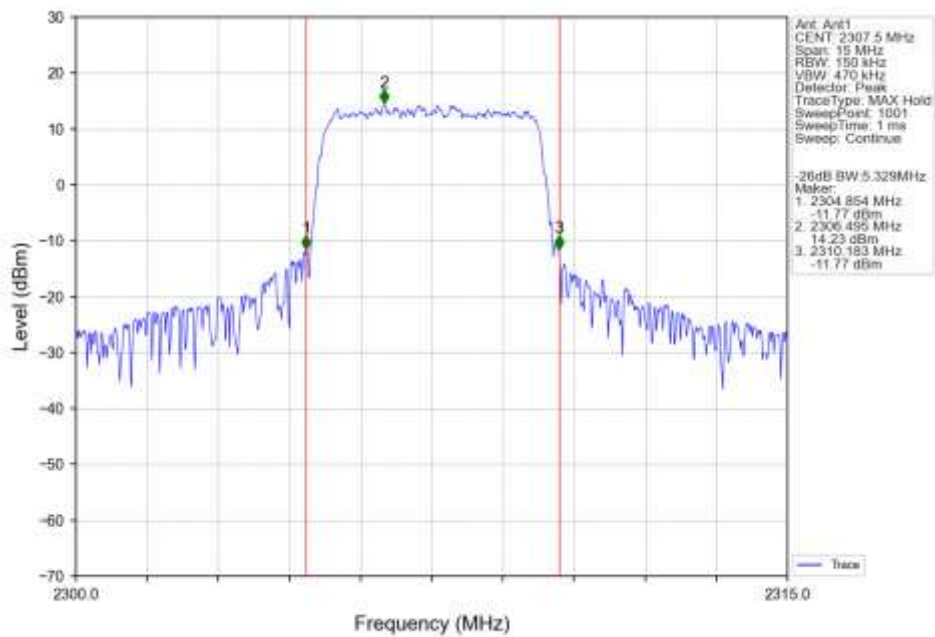
Band40a_5MHz_QPSK_MCH_2310MHz_RB_25_0_NTNV



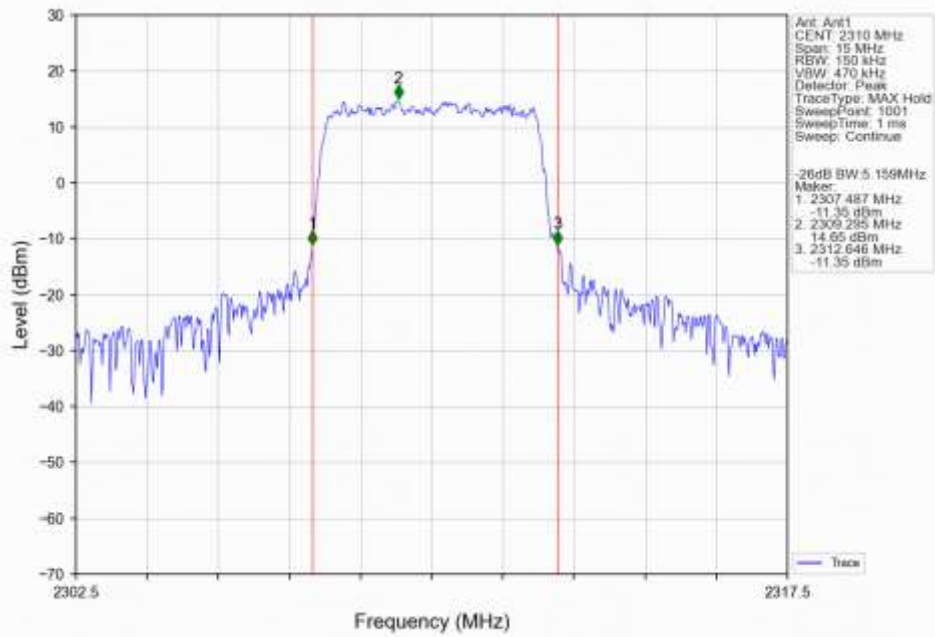
Band40a 5MHz QPSK HCH 2312.5MHz RB 25 0 NTNV



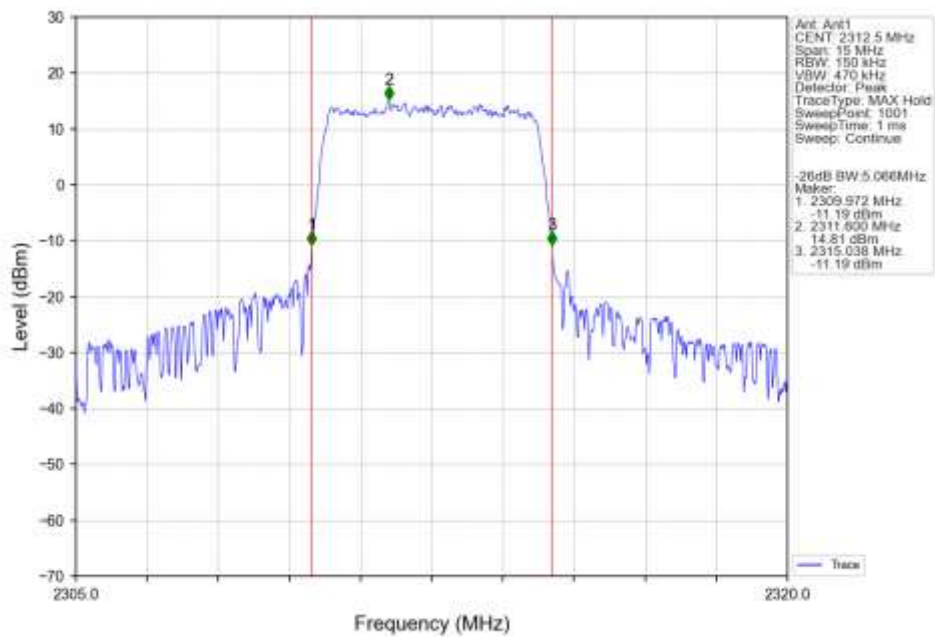
Band40a 5MHz 16QAM LCH 2307.5MHz RB 25 0 NTNV



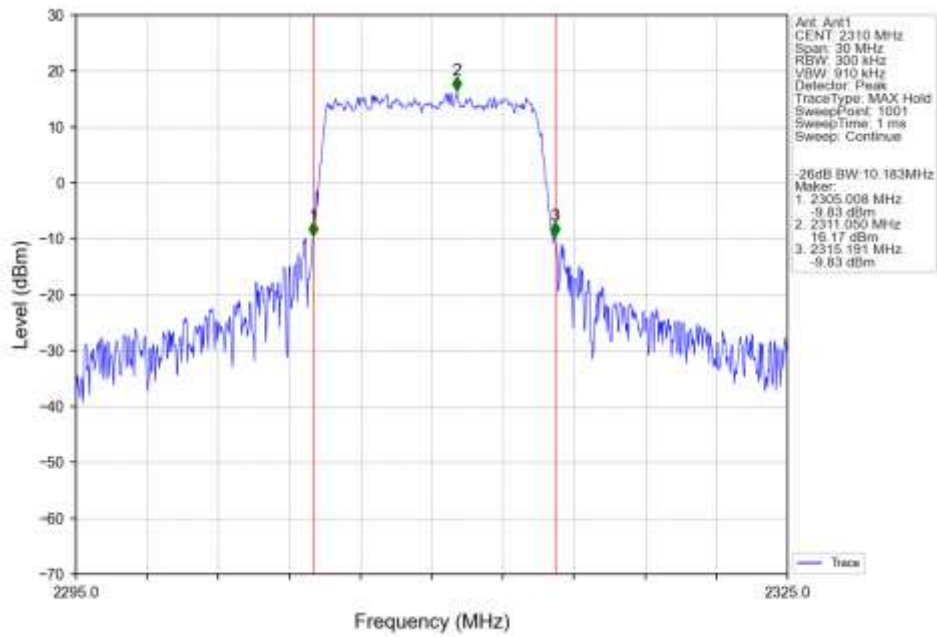
Band40a 5MHz 16QAM MCH 2310MHz RB 25 0 NTNV



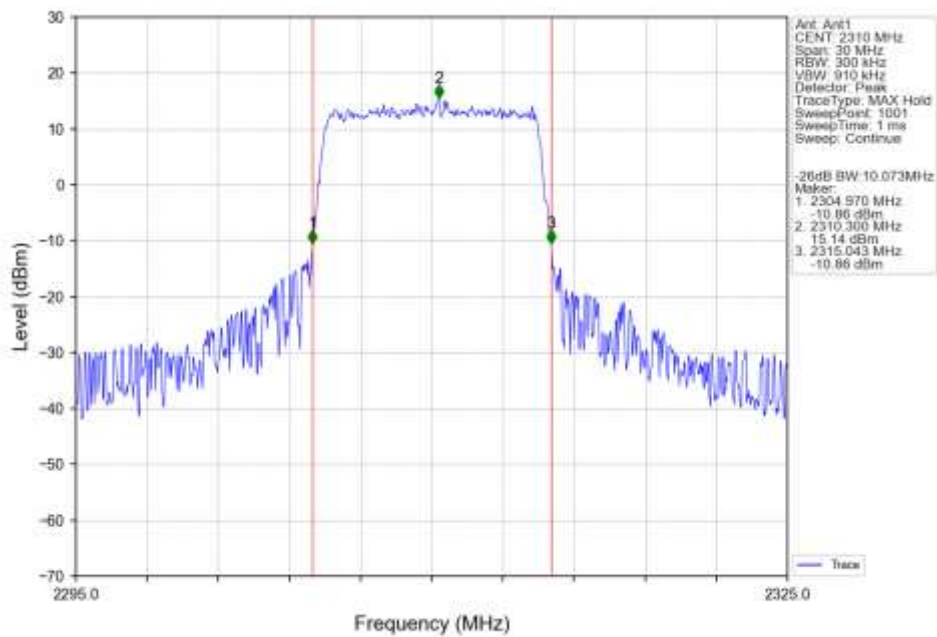
Band40a 5MHz 16QAM HCH 2312.5MHz RB 25 0 NTNV



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

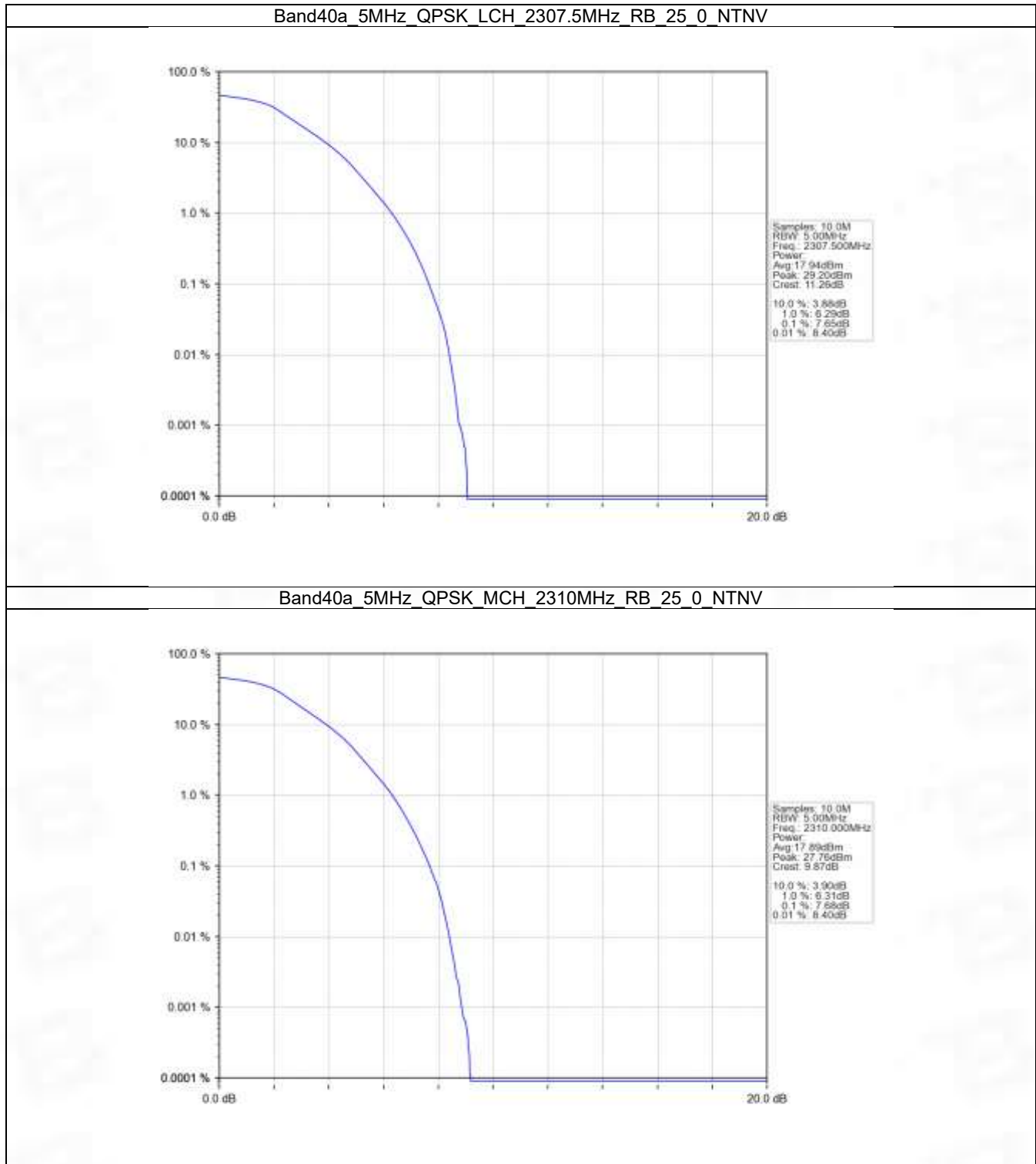
Band: 40a / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2307.5	25	0	7.65	<=13	Pass
	2310	25	0	7.68	<=13	Pass
	2312.5	25	0	7.69	<=13	Pass
16QAM	2307.5	25	0	8.33	<=13	Pass
	2310	25	0	8.26	<=13	Pass
	2312.5	25	0	8.50	<=13	Pass

5.1.2 B40a_10MHz

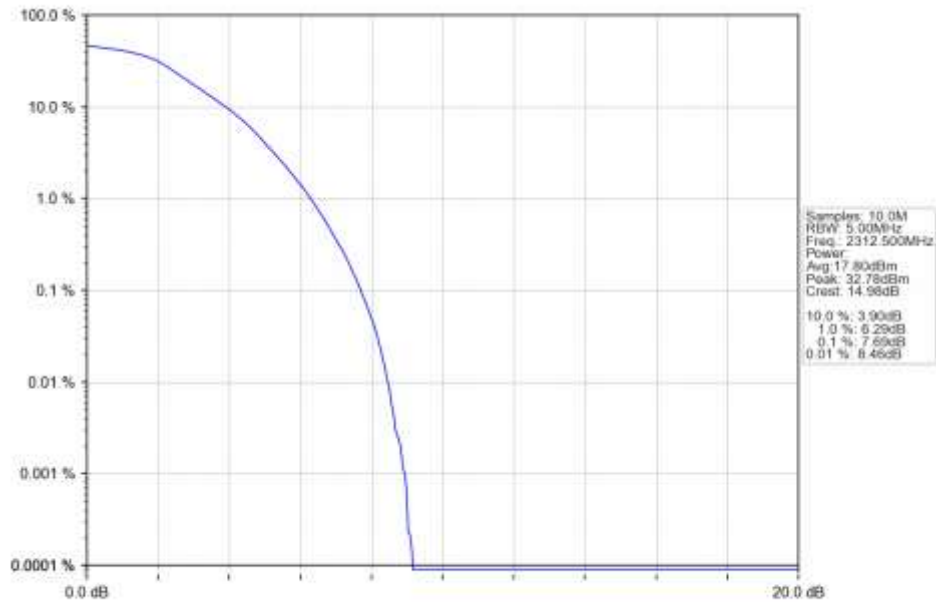
Band: 40a / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2310	50	0	7.58	<=13	Pass
16QAM	2310	50	0	8.46	<=13	Pass

5.2 Test Graph

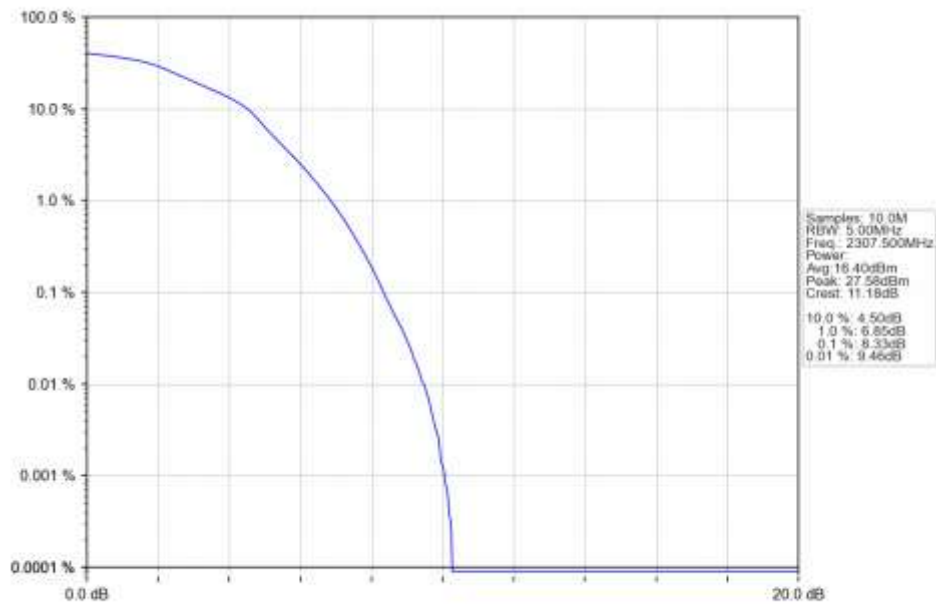
5.2.1 B40a_5MHz



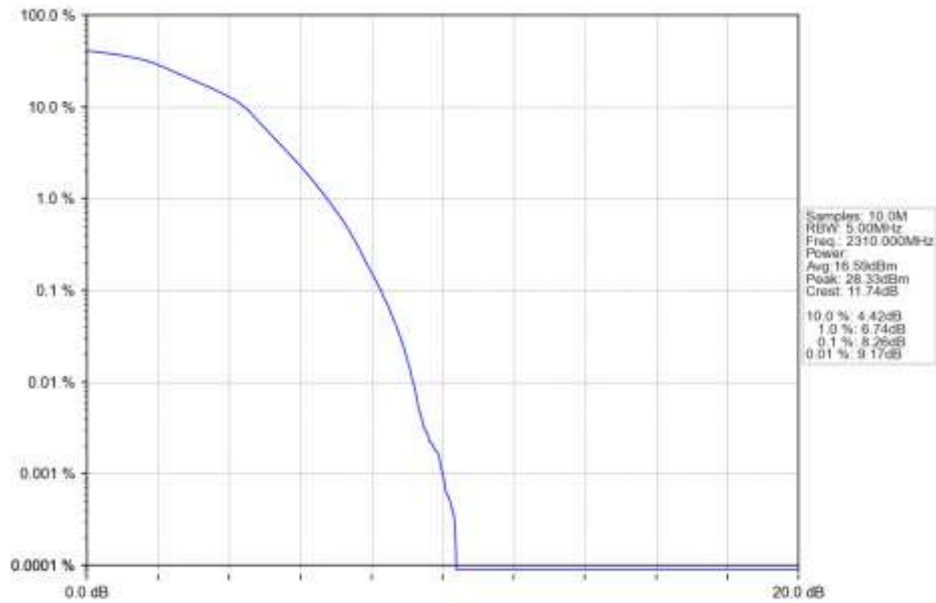
Band40a 5MHz QPSK HCH 2312.5MHz RB 25 0 NTNV



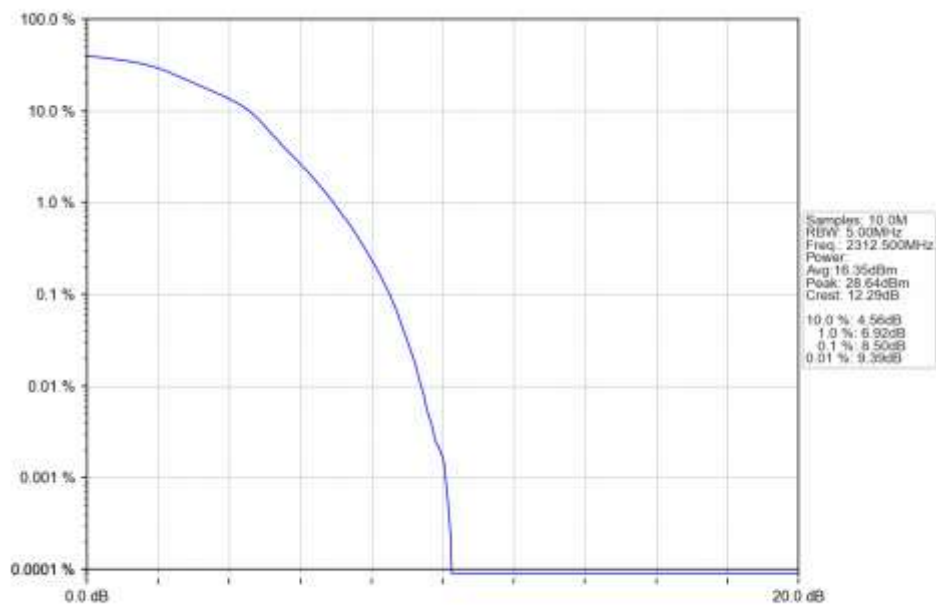
Band40a 5MHz 16QAM LCH 2307.5MHz RB 25 0 NTNV



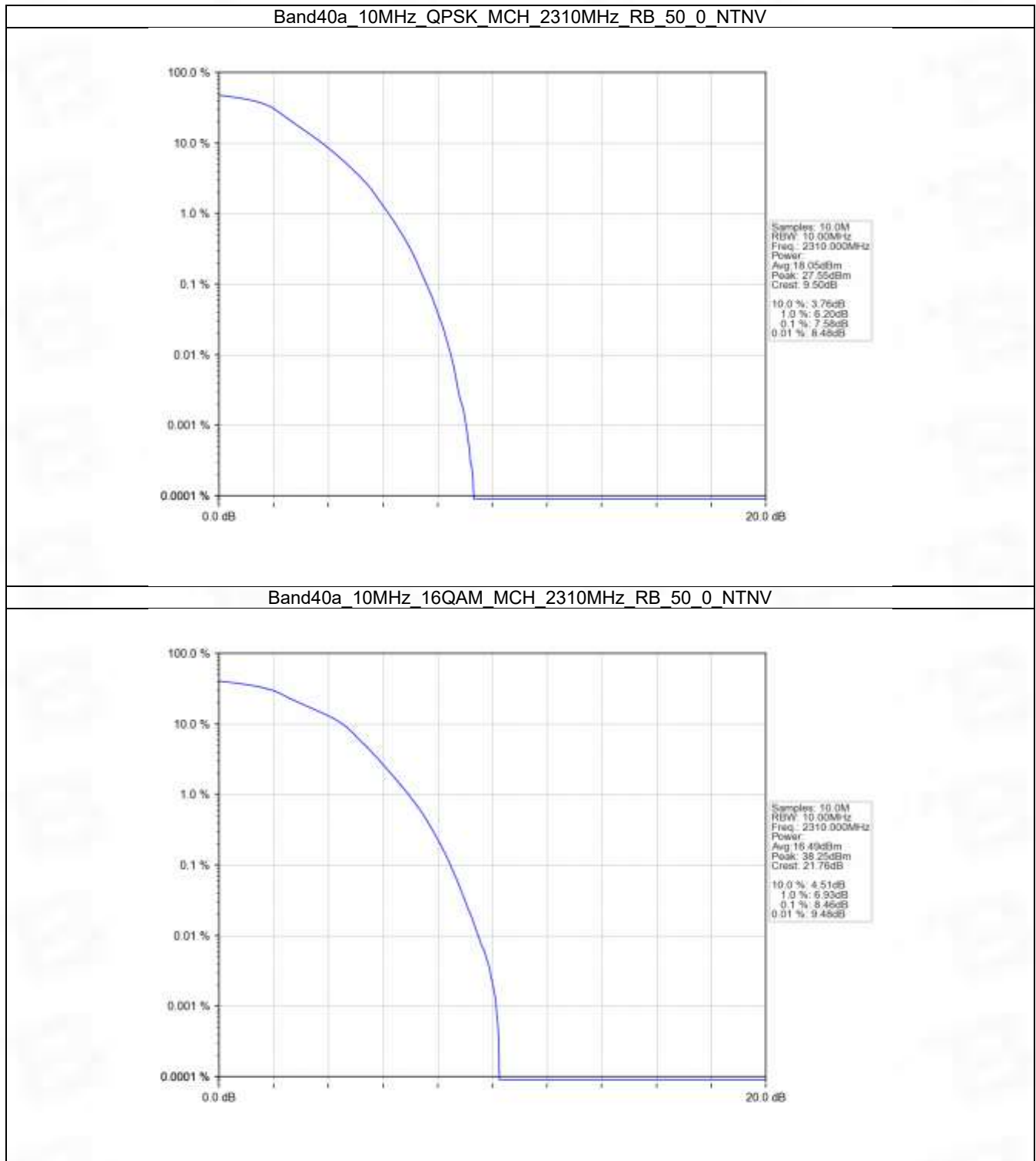
Band40a 5MHz 16QAM MCH 2310MHz RB 25 0 NTNV



Band40a 5MHz 16QAM HCH 2312.5MHz RB 25 0 NTNV



5.2.2 B40a_10MHz



6. Spurious Emission

6.1 Test Result

6.1.1 B40a_5MHz

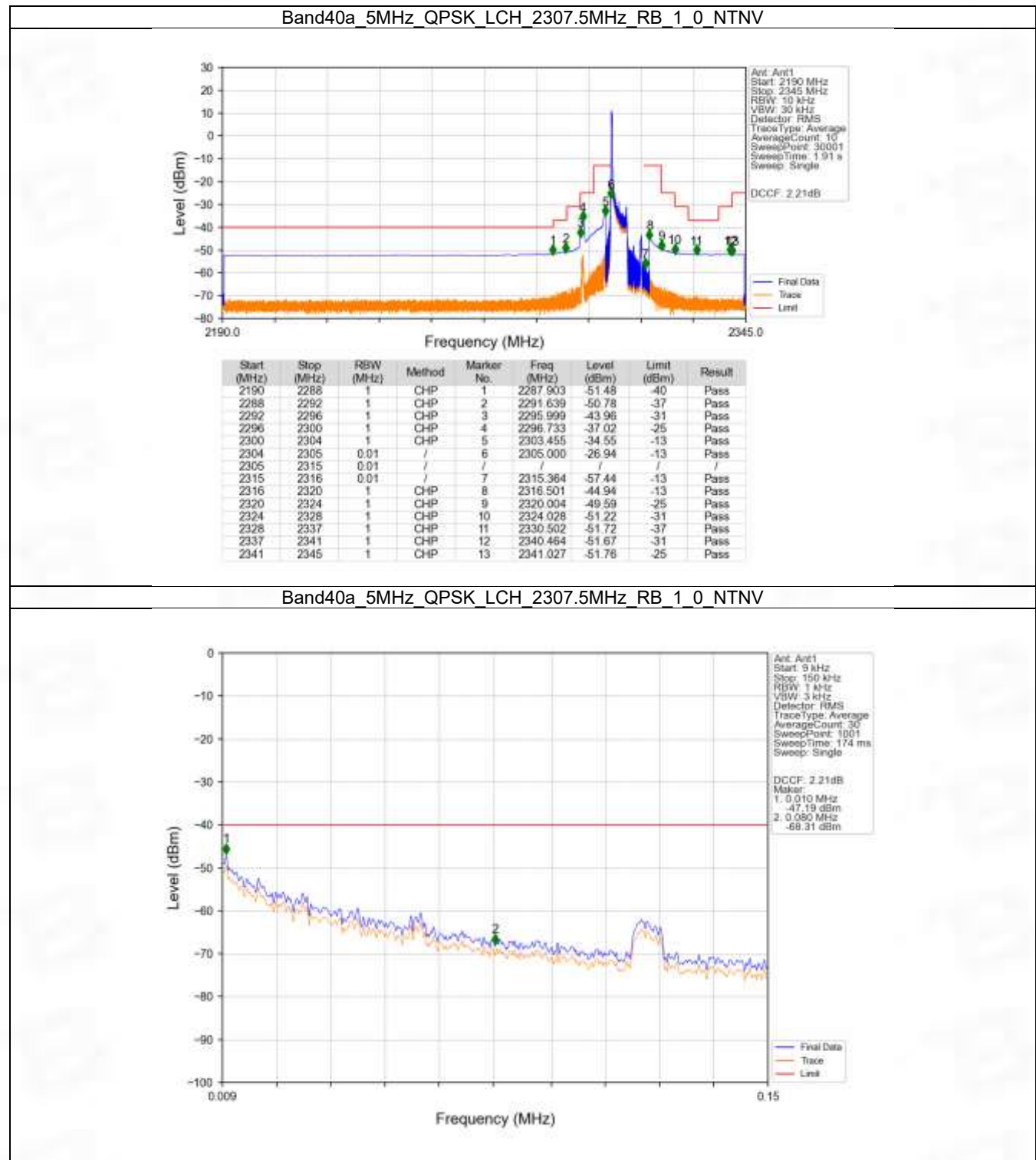
Band: 40a / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2307.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	2312.5	1	0	Refer To Test Graph		Pass
		1	24	Refer To Test Graph		Pass
		25	0	Refer To Test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

6.1.2 B40a_10MHz

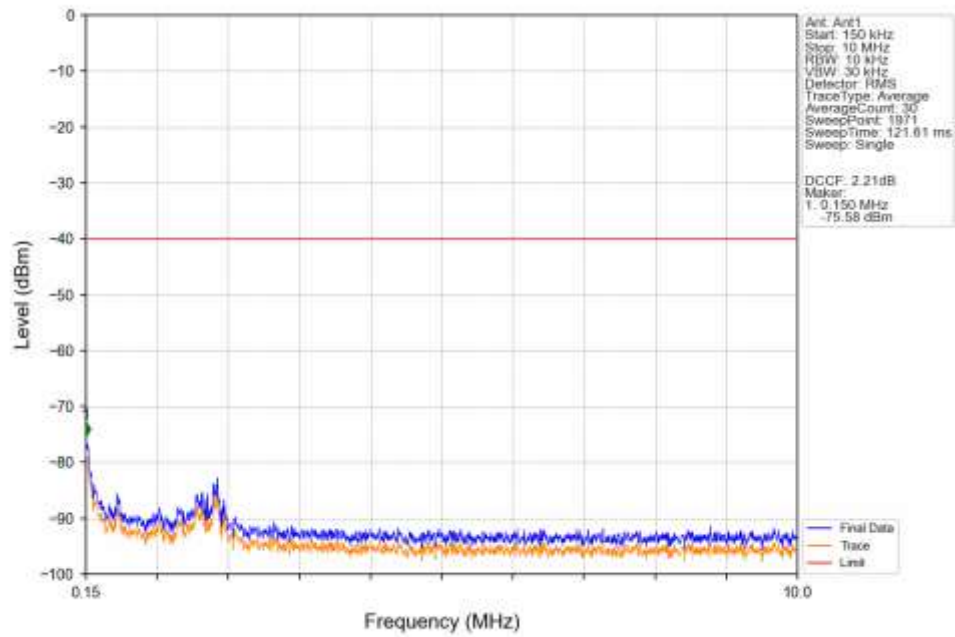
Band: 40a / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2310	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	2310	1	49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	2310	1	0	Refer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

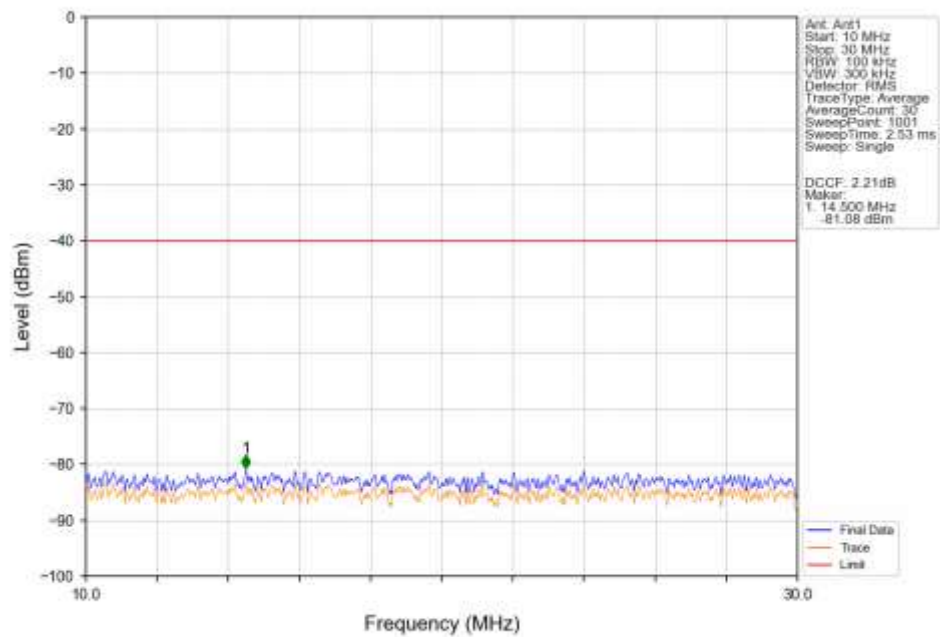
6.2.1 B40a_5MHz



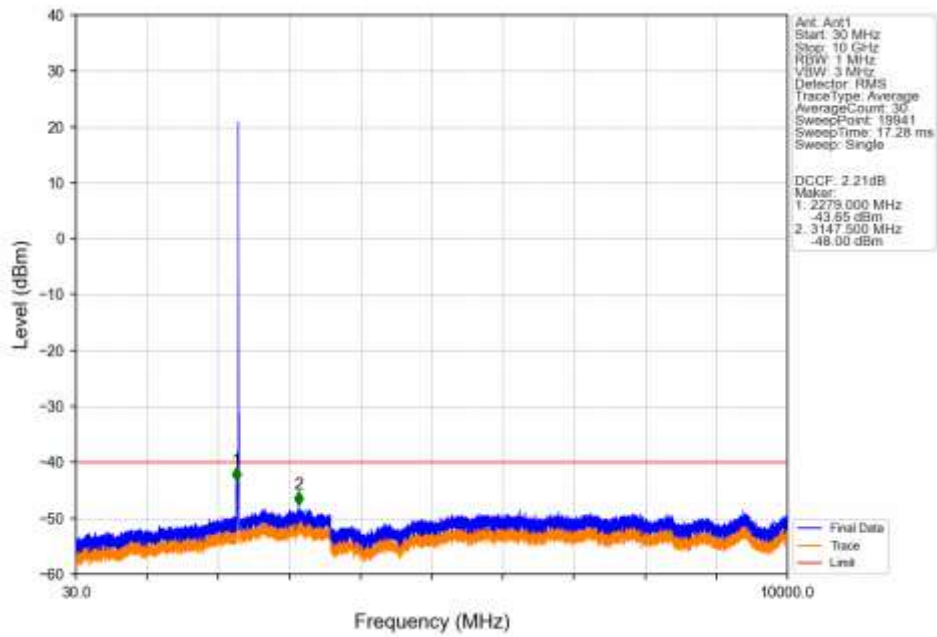
Band40a 5MHz QPSK LCH 2307.5MHz RB 1 0 NTNV



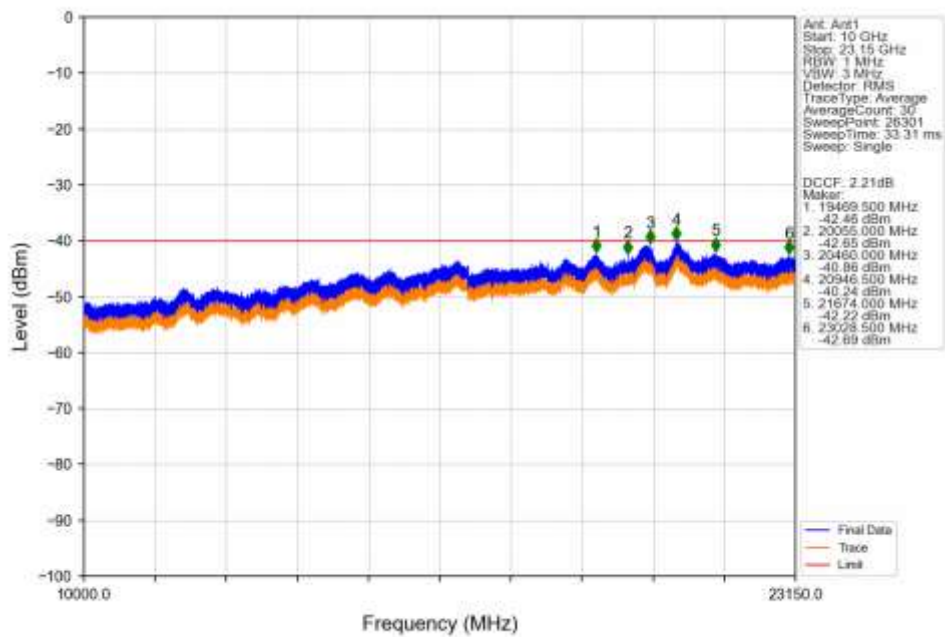
Band40a 5MHz QPSK LCH 2307.5MHz RB 1 0 NTNV



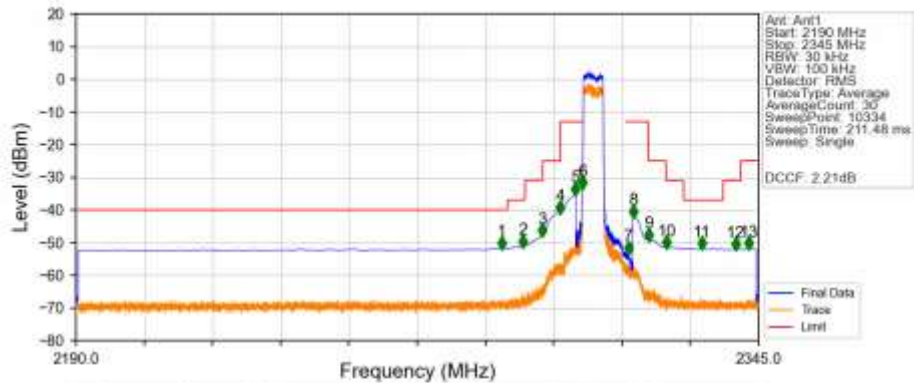
Band40a 5MHz QPSK LCH 2307.5MHz RB 1 0 NTNV



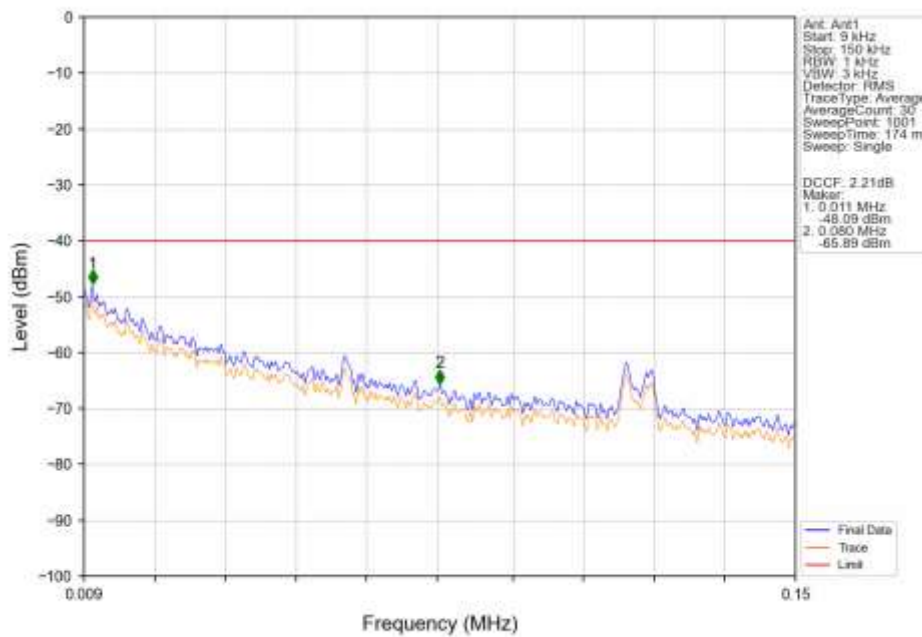
Band40a 5MHz QPSK LCH 2307.5MHz RB 1 0 NTNV



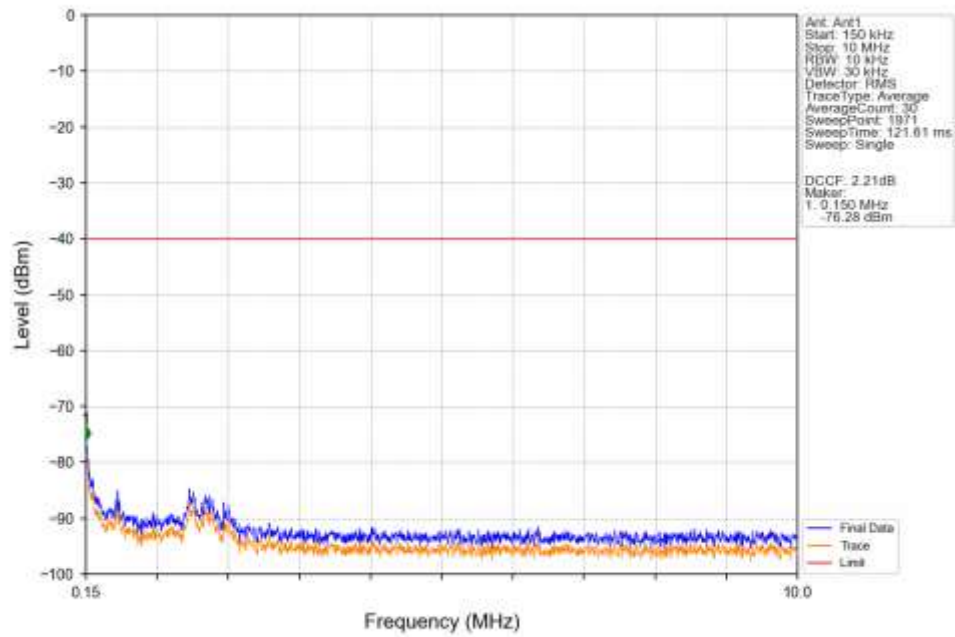
Band40a 5MHz QPSK LCH 2307.5MHz RB 25 0 NTNV



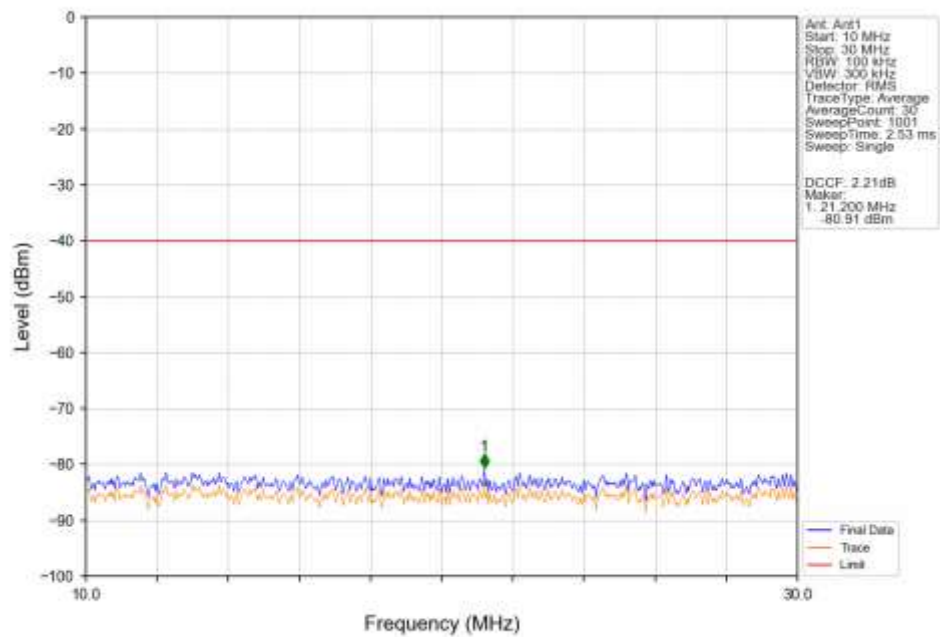
Band40a 5MHz QPSK MCH 2310MHz RB 1 0 NTNV



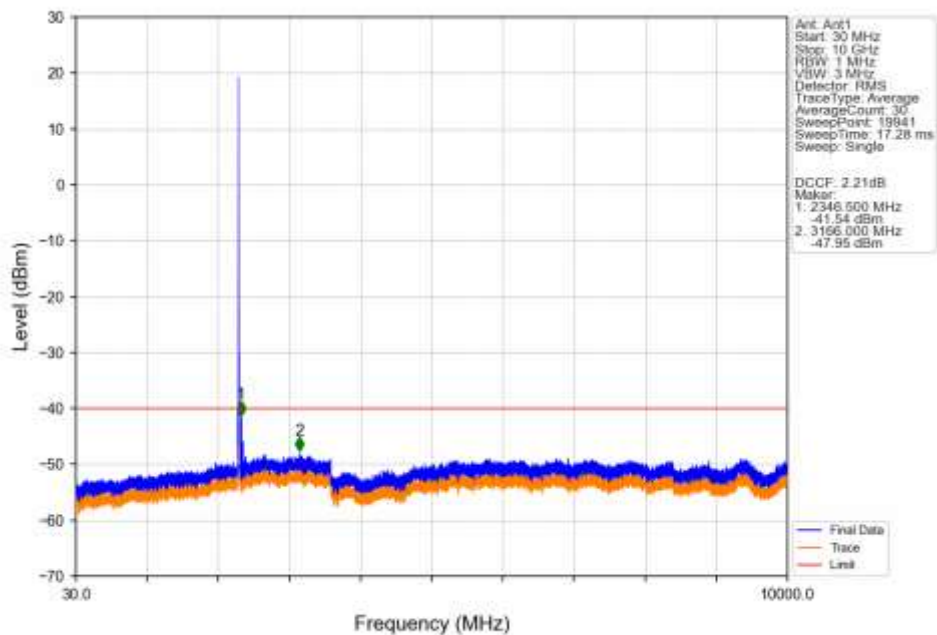
Band40a 5MHz QPSK MCH 2310MHz RB 1 0 NTNV



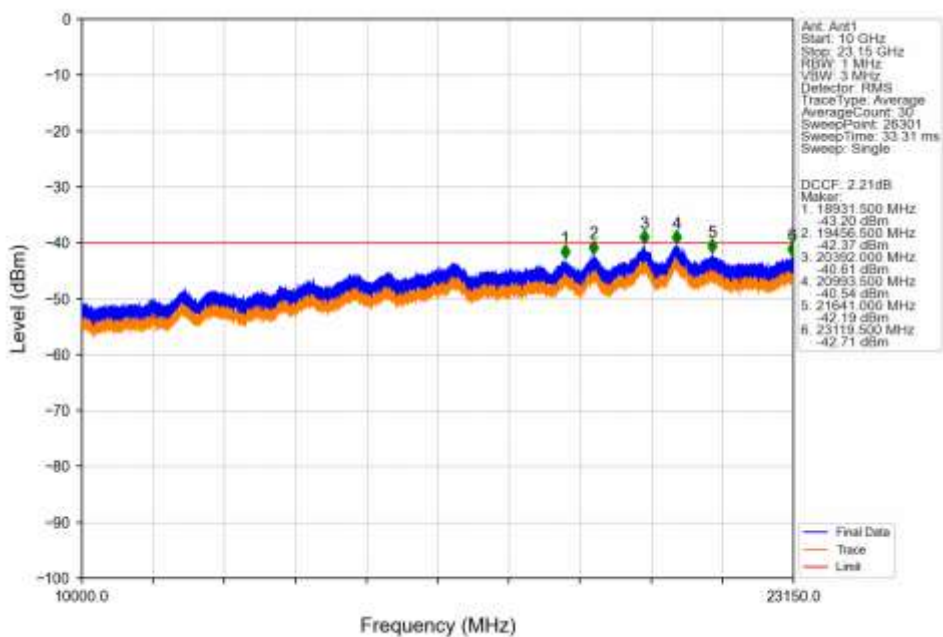
Band40a 5MHz QPSK MCH 2310MHz RB 1 0 NTNV



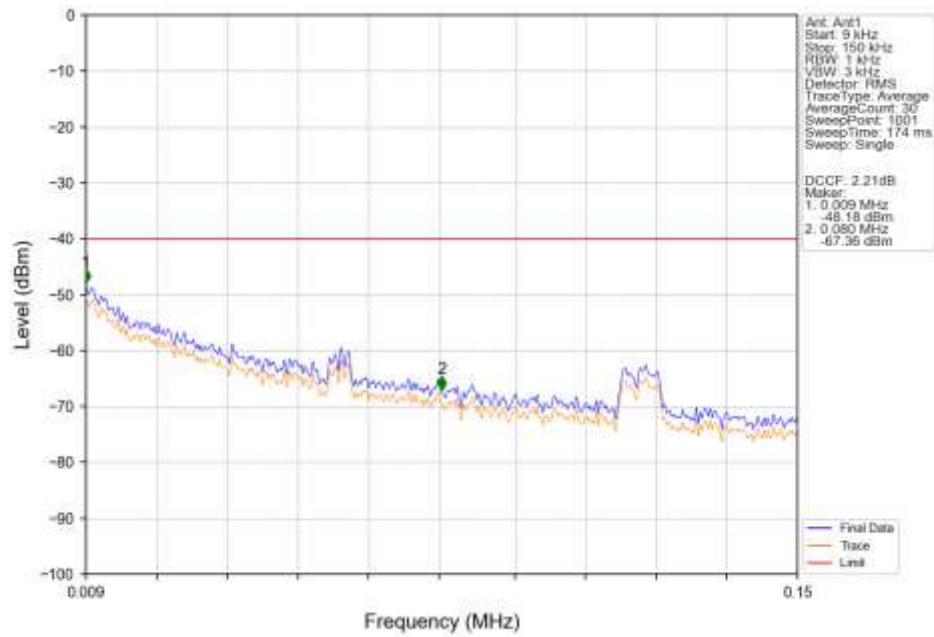
Band40a 5MHz QPSK MCH 2310MHz RB 1 0 NTNV



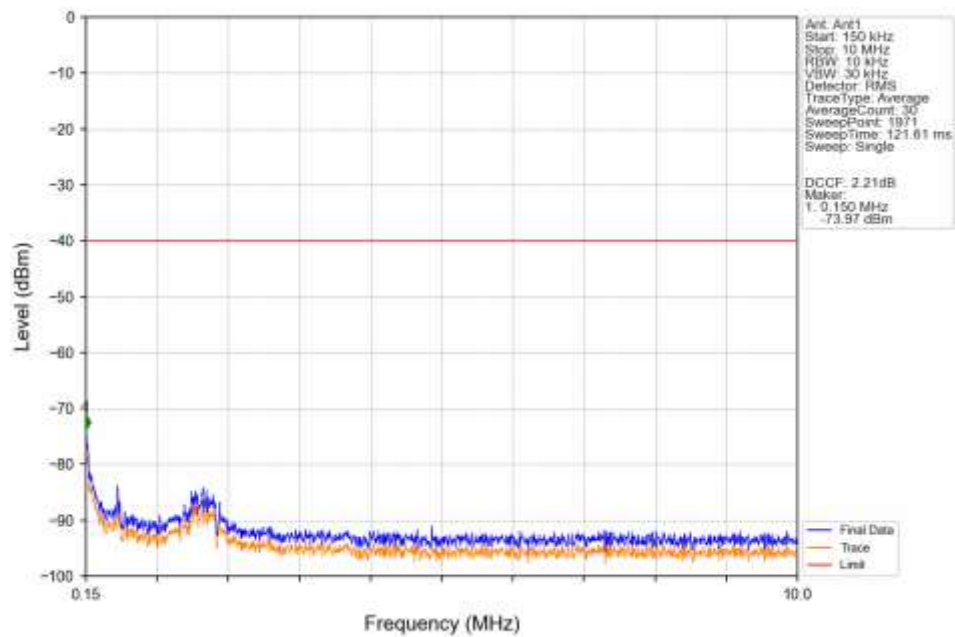
Band40a 5MHz QPSK MCH 2310MHz RB 1 0 NTNV



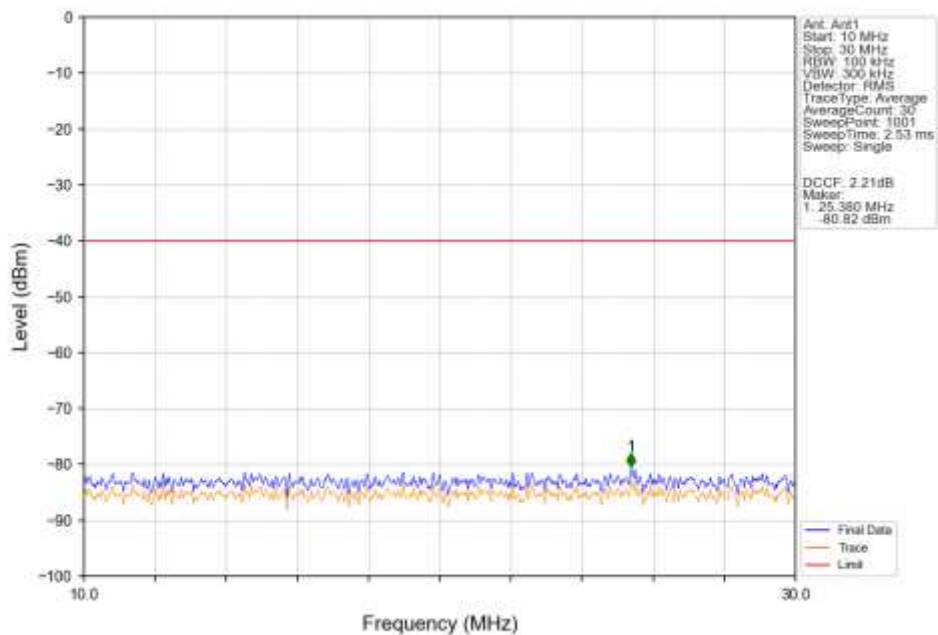
Band40a 5MHz QPSK HCH 2312.5MHz RB 1 0 NTNV



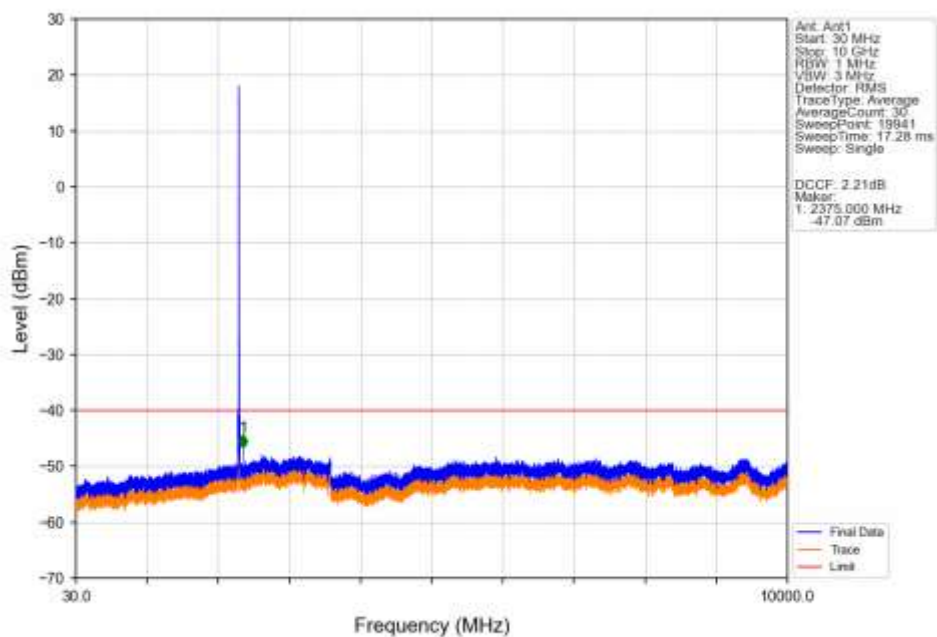
Band40a 5MHz QPSK HCH 2312.5MHz RB 1 0 NTNV



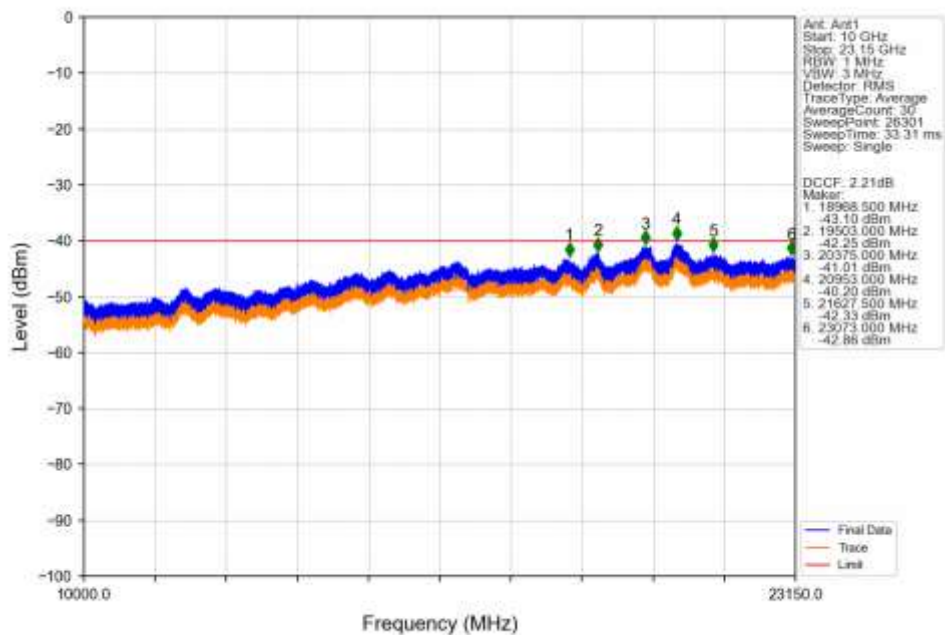
Band40a 5MHz QPSK HCH 2312.5MHz RB 1 0 NTNV



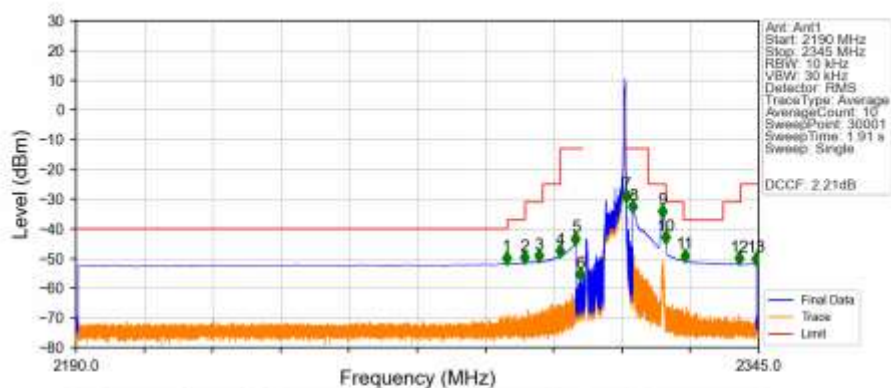
Band40a 5MHz QPSK HCH 2312.5MHz RB 1 0 NTNV



Band40a 5MHz QPSK HCH 2312.5MHz RB 1 0 NTNV

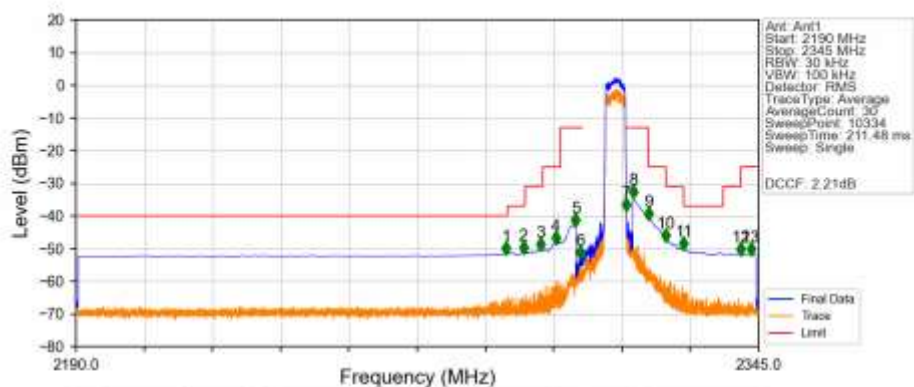


Band40a 5MHz QPSK HCH 2312.5MHz RB 1 24 NTNV

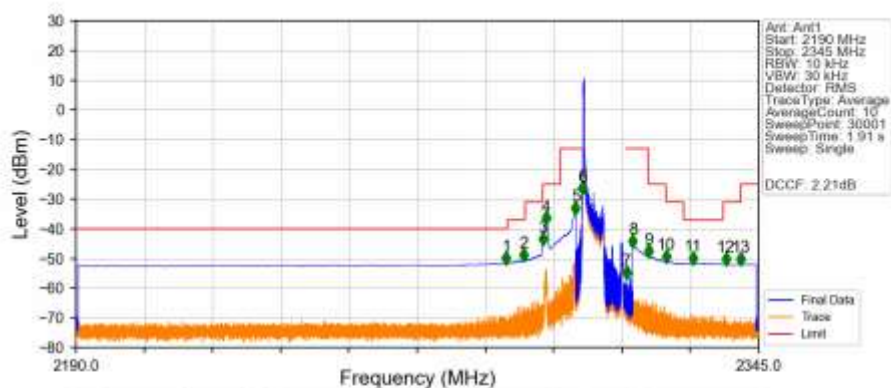


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	CHP	1	2287.810	-51.54	-40	Pass
2288	2292	1	CHP	2	2291.881	-51.41	-37	Pass
2292	2296	1	CHP	3	2295.126	-50.86	-31	Pass
2296	2300	1	CHP	4	2299.983	-49.28	-25	Pass
2300	2304	1	CHP	5	2303.496	-44.99	-13	Pass
2304	2305	0.01	/	6	2304.509	-57.12	-13	Pass
2305	2315	0.01	/	/	/	/	/	/
2315	2316	0.01	/	7	2315.039	-30.59	-13	Pass
2316	2320	1	CHP	8	2316.501	-34.32	-13	Pass
2320	2324	1	CHP	9	2323.217	-35.88	-25	Pass
2324	2328	1	CHP	10	2324.003	-44.60	-31	Pass
2328	2337	1	CHP	11	2328.327	-50.77	-37	Pass
2337	2341	1	CHP	12	2340.608	-51.68	-31	Pass
2341	2345	1	CHP	13	2344.478	-51.79	-25	Pass

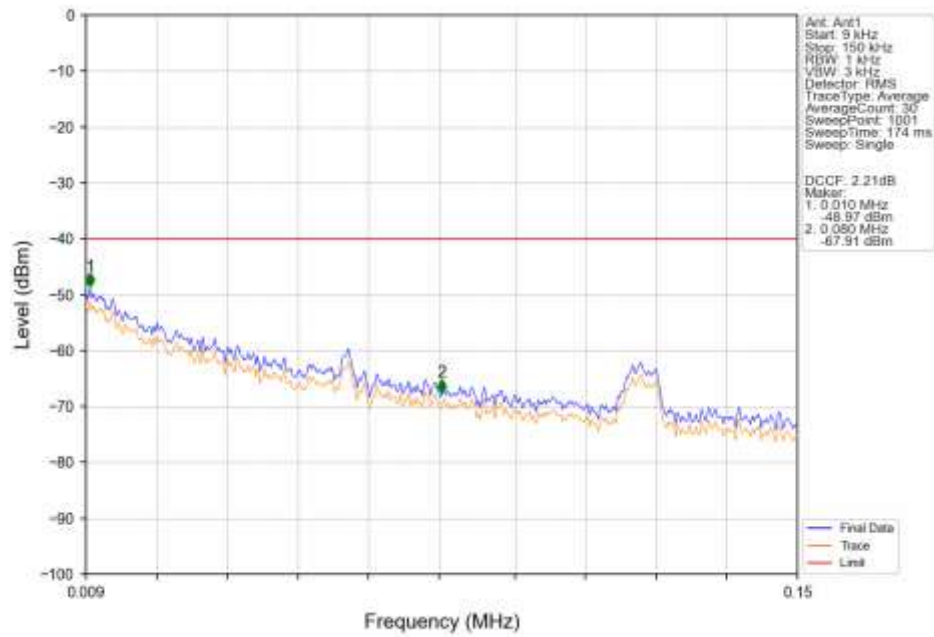
Band40a 5MHz QPSK HCH 2312.5MHz RB 25 0 NTNV



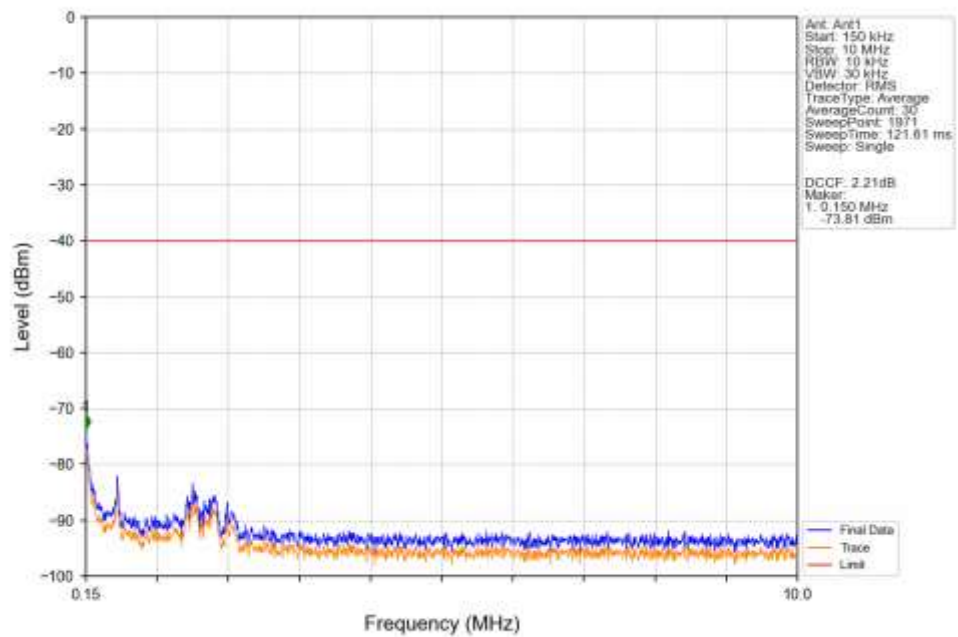
Band40a 5MHz 16QAM LCH 2307.5MHz RB 1 0 NTNV



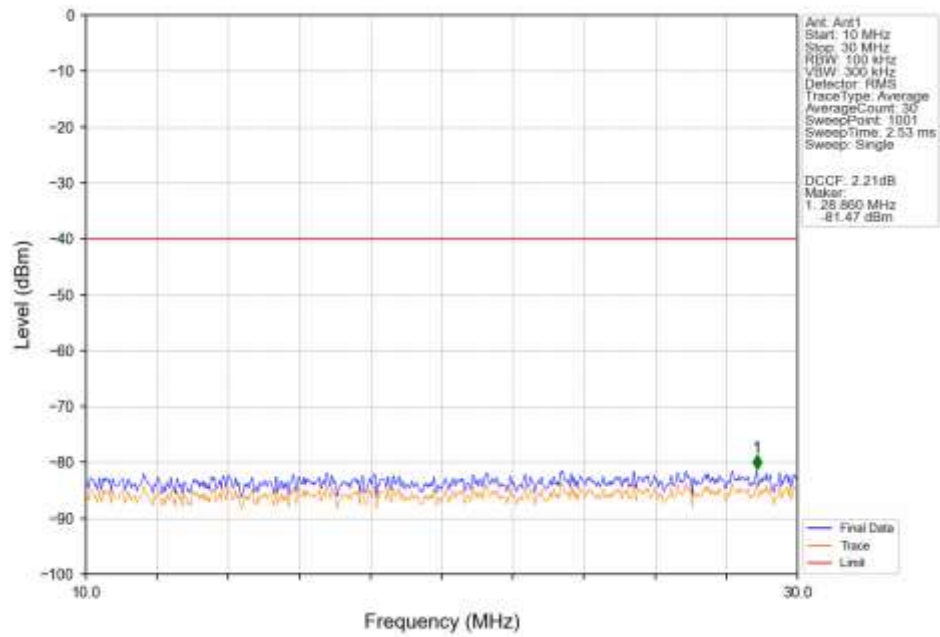
Band40a 5MHz 16QAM LCH 2307.5MHz RB 1 0 NTNV



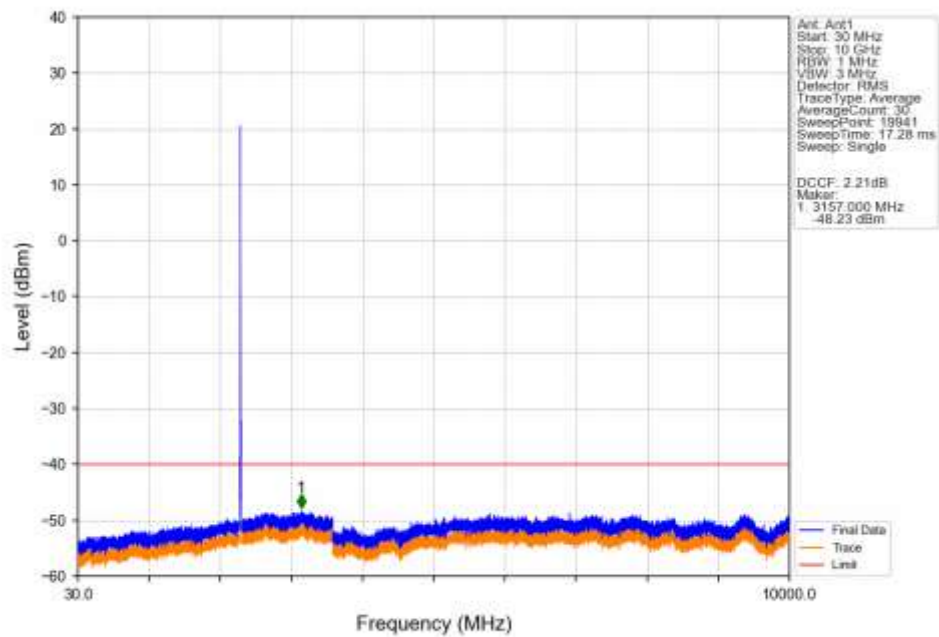
Band40a 5MHz 16QAM LCH 2307.5MHz RB 1 0 NTNV



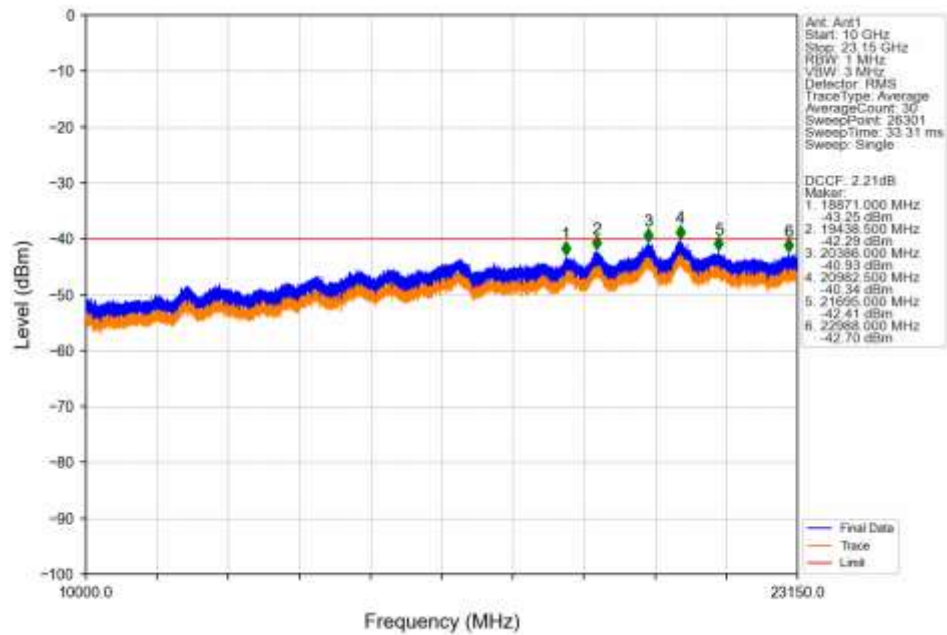
Band40a 5MHz 16QAM LCH 2307.5MHz RB 1 0 NTNV



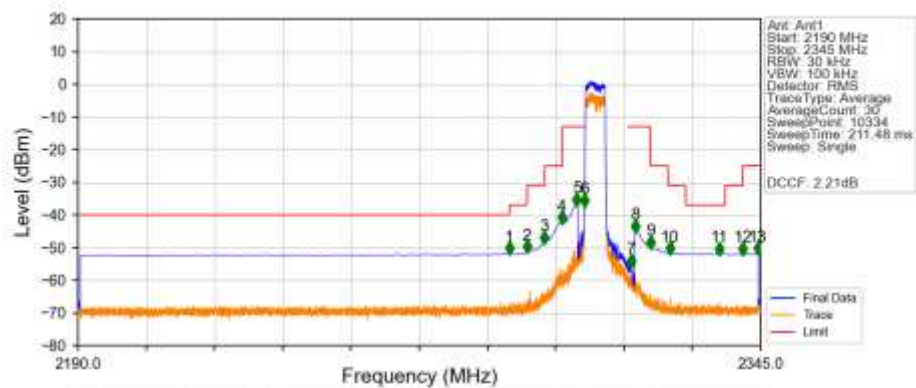
Band40a 5MHz 16QAM LCH 2307.5MHz RB 1 0 NTNV



Band40a 5MHz 16QAM LCH 2307.5MHz RB 1 0 NTNV

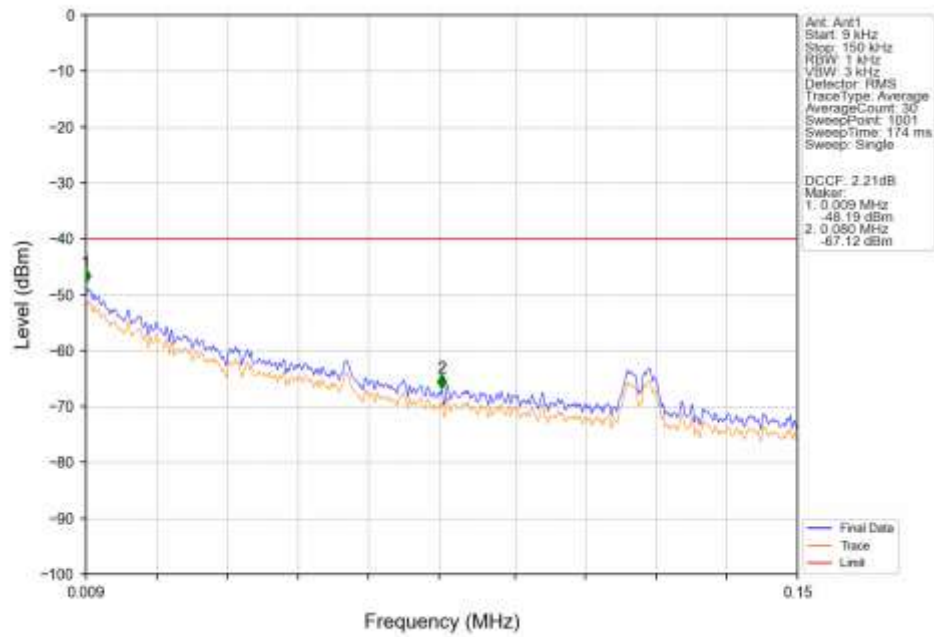


Band40a 5MHz 16QAM LCH 2307.5MHz RB 25 0 NTNV

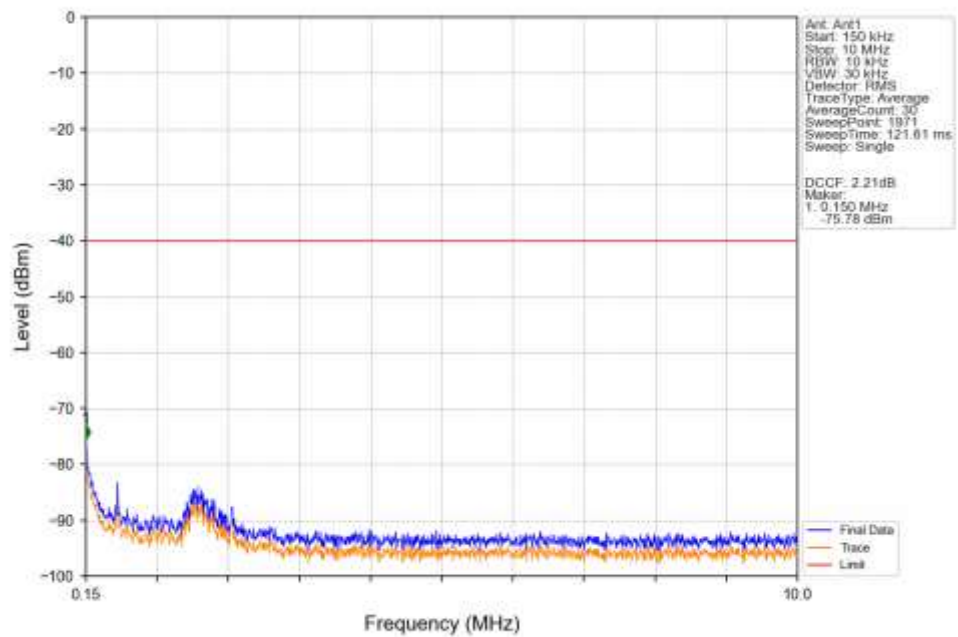


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	CHP	1	2287.983	-51.78	-40	Pass
2288	2292	1	CHP	2	2291.988	-51.27	-37	Pass
2292	2296	1	CHP	3	2295.918	-48.54	-31	Pass
2296	2300	1	CHP	4	2299.909	-42.42	-25	Pass
2300	2304	1	CHP	5	2303.314	-36.81	-13	Pass
2304	2305	0.053	CHP	6	2304.994	-37.15	-13	Pass
2305	2315	0.053	CHP	7	2315.629	-55.58	-13	Pass
2315	2316	0.053	CHP	8	2316.559	-45.09	-13	Pass
2316	2320	1	CHP	9	2320.069	-49.97	-25	Pass
2320	2324	1	CHP	10	2324.434	-51.76	-31	Pass
2324	2328	1	CHP	11	2335.565	-51.85	-37	Pass
2328	2337	1	CHP	12	2340.950	-51.95	-31	Pass
2337	2341	1	CHP	13	2344.385	-51.82	-25	Pass

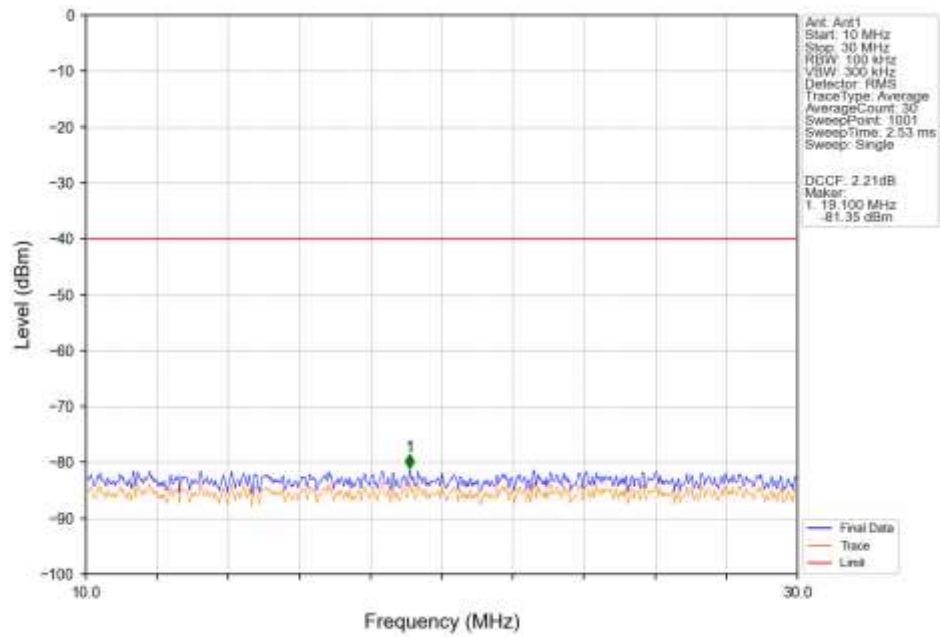
Band40a 5MHz 16QAM MCH 2310MHz RB 1 0 NTV



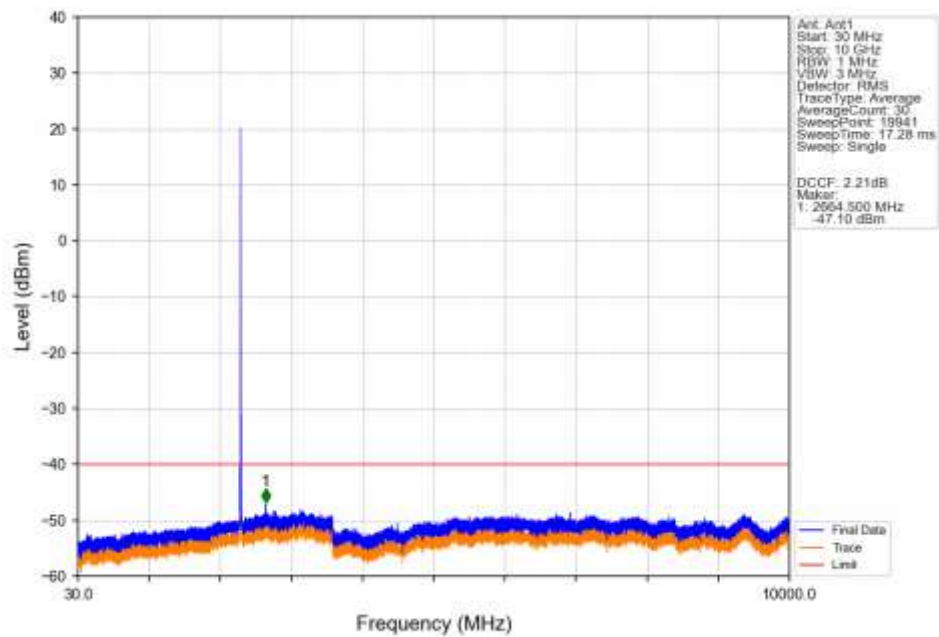
Band40a 5MHz 16QAM MCH 2310MHz RB 1 0 NTV



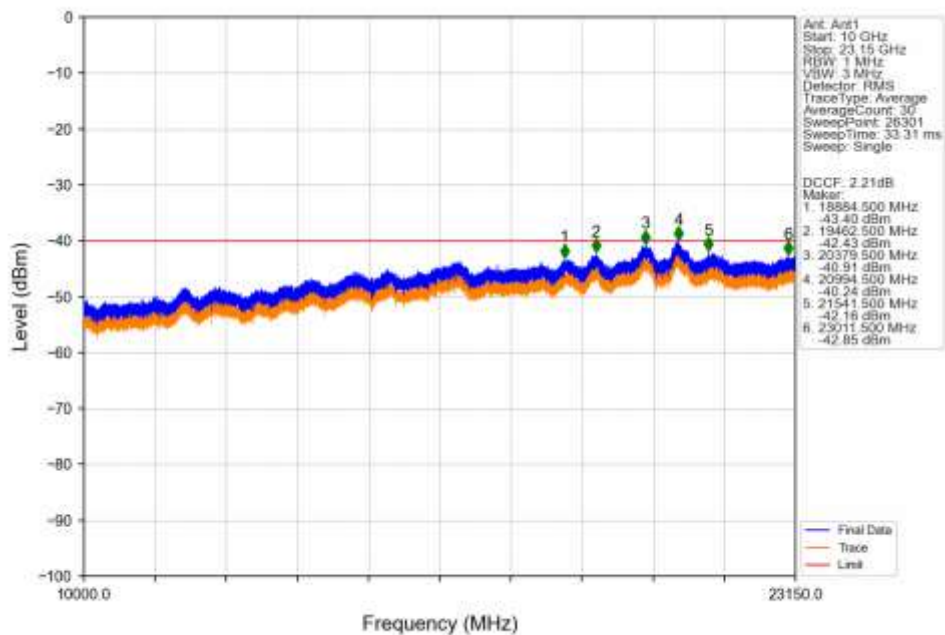
Band40a 5MHz 16QAM MCH 2310MHz RB 1 0 NTNV



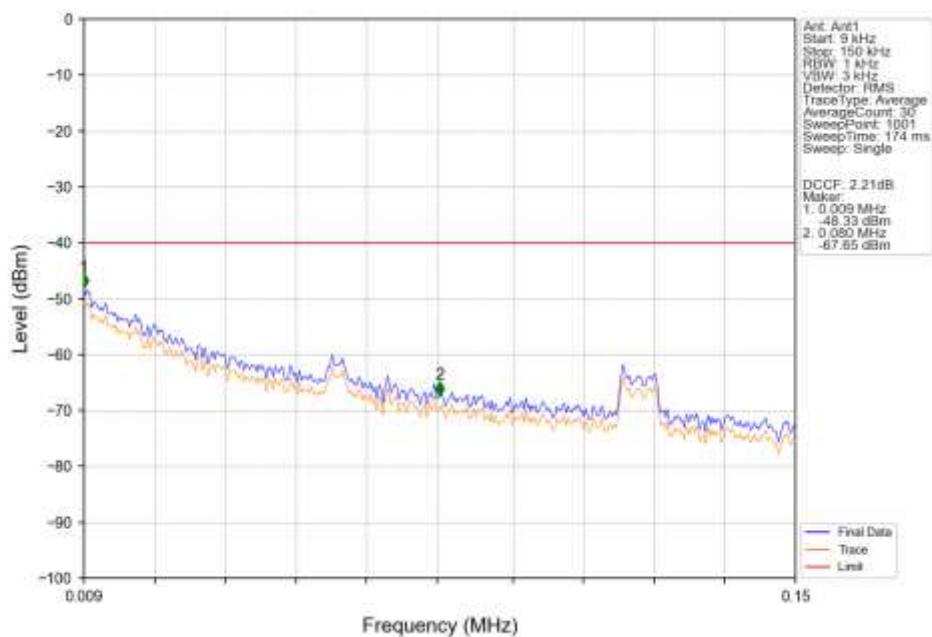
Band40a 5MHz 16QAM MCH 2310MHz RB 1 0 NTNV



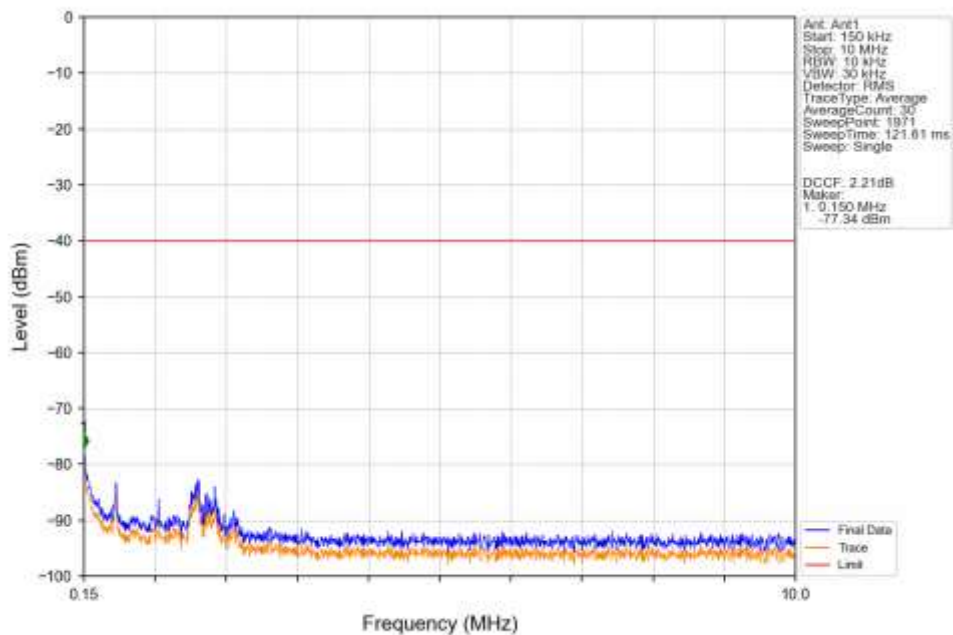
Band40a 5MHz 16QAM MCH 2310MHz RB 1 0 NTV



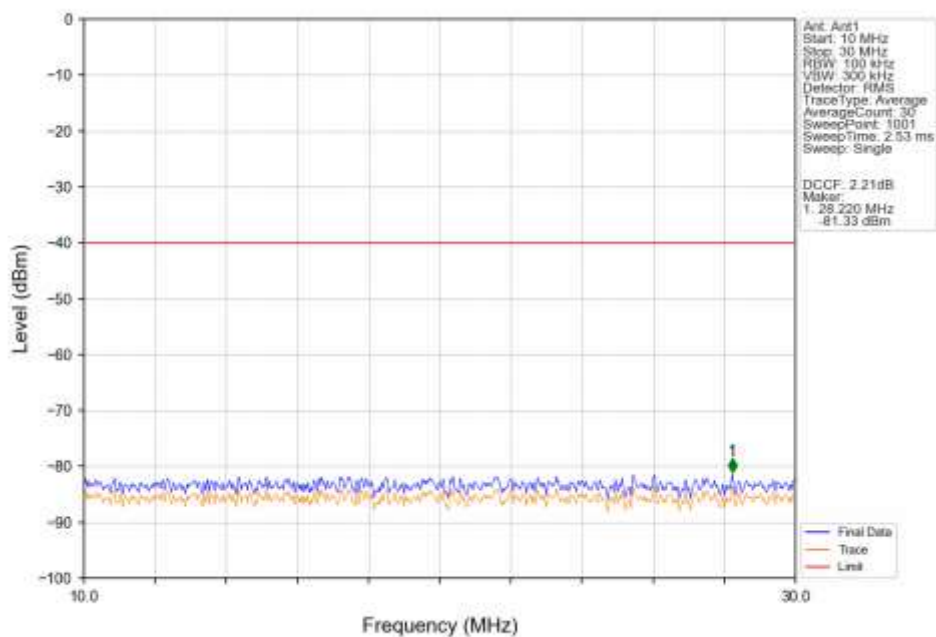
Band40a 5MHz 16QAM HCH 2312.5MHz RB 1 0 NTV



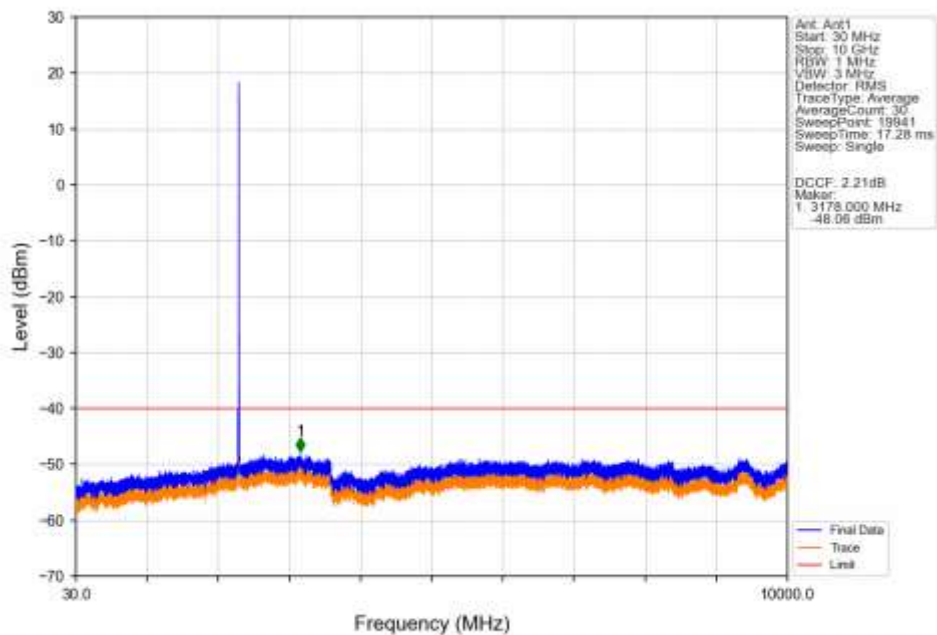
Band40a 5MHz 16QAM HCH 2312.5MHz RB 1 0 NTNV



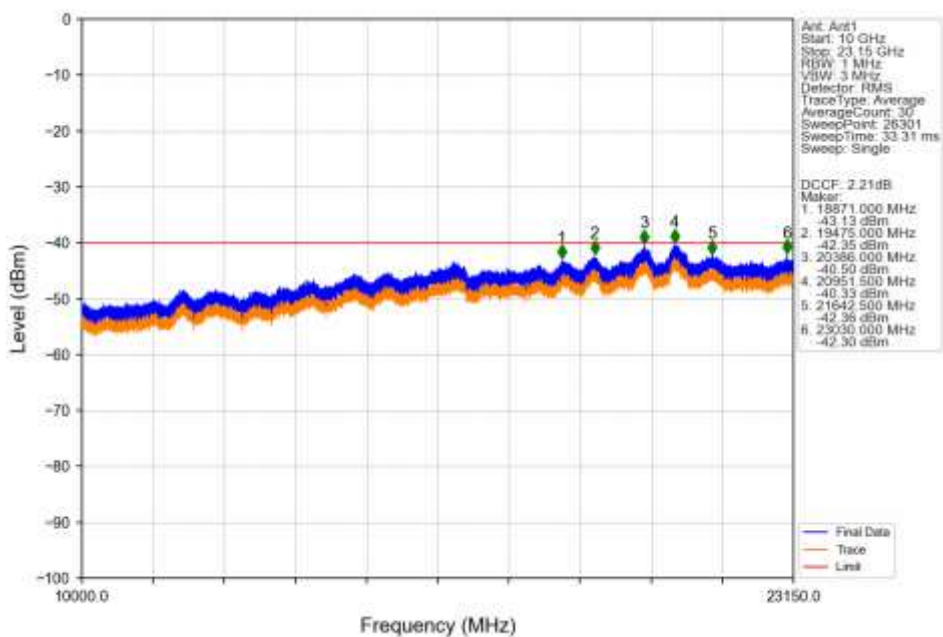
Band40a 5MHz 16QAM HCH 2312.5MHz RB 1 0 NTNV



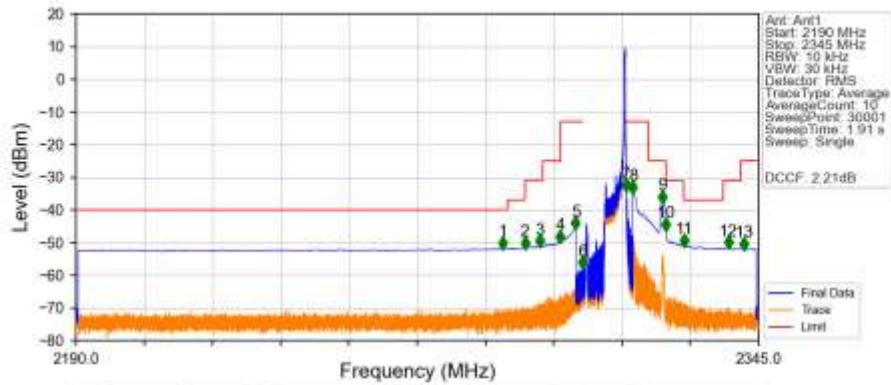
Band40a 5MHz 16QAM HCH 2312.5MHz RB 1 0 NTNV



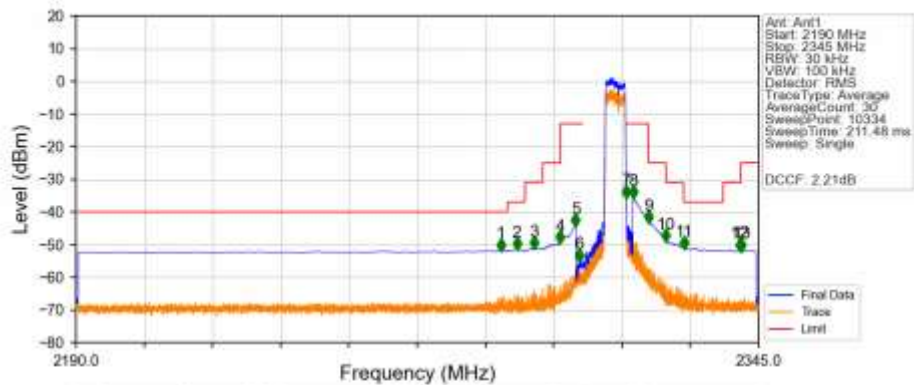
Band40a 5MHz 16QAM HCH 2312.5MHz RB 1 0 NTNV



Band40a 5MHz 16QAM HCH 2312.5MHz RB 1 24 NTNV

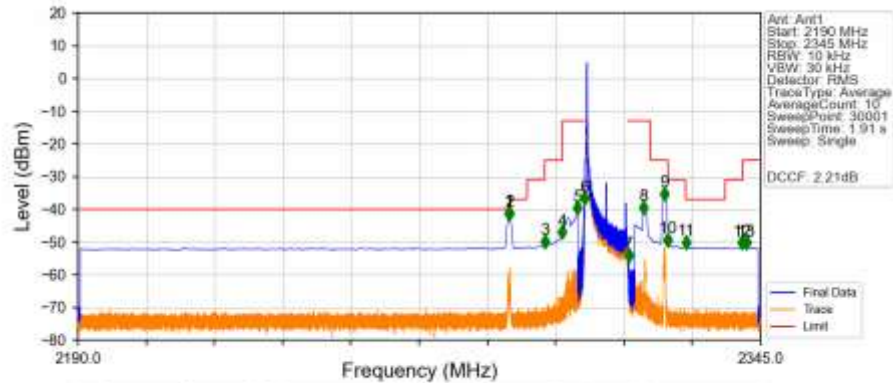


Band40a 5MHz 16QAM HCH 2312.5MHz RB 25 0 NTNV



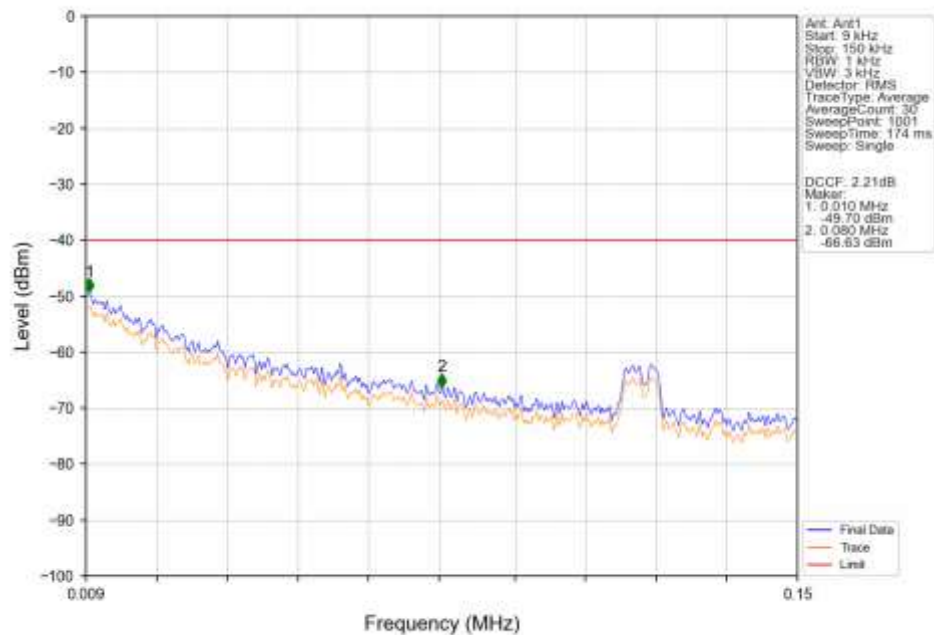
6.2.2 B40a_10MHz

Band40a_10MHz_QPSK_LCH_2310MHz_RB_1_0_NTNV

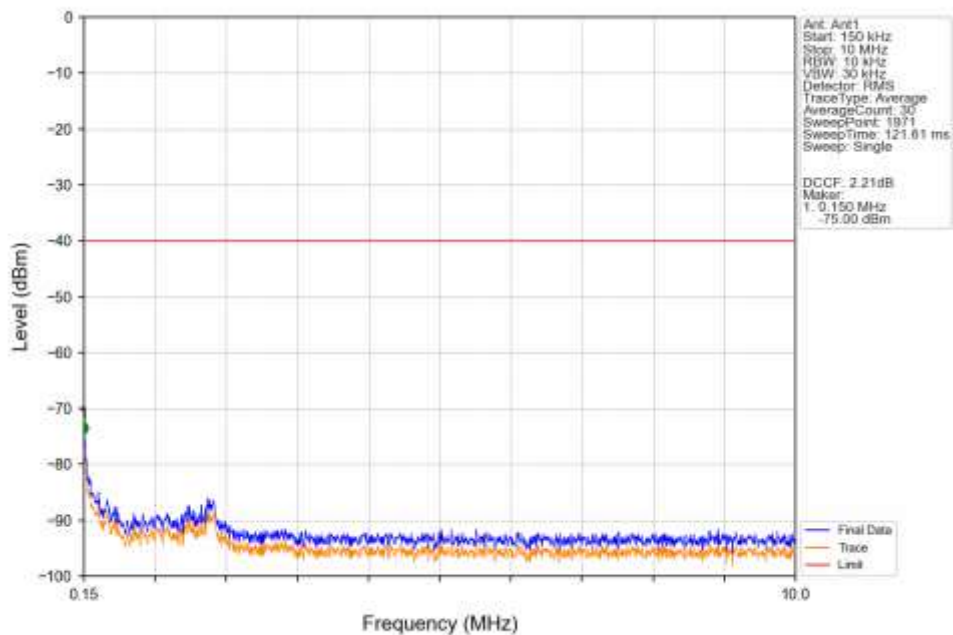


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	CHP	1	2287.919	-42.70	-40	Pass
2288	2292	1	CHP	2	2288.001	-42.71	-37	Pass
2292	2296	1	CHP	3	2295.999	-51.38	-31	Pass
2296	2300	1	CHP	4	2299.988	-48.59	-25	Pass
2300	2304	1	CHP	5	2303.476	-41.20	-13	Pass
2304	2306	0.01	/	6	2305.000	-38.18	-13	Pass
2306	2315	0.01	/	/	/	/	/	/
2315	2316	0.01	/	7	2315.070	-55.59	-13	Pass
2316	2320	1	CHP	8	2318.490	-41.09	-13	Pass
2320	2324	1	CHP	9	2323.135	-36.89	-25	Pass
2324	2328	1	CHP	10	2324.003	-50.85	-31	Pass
2328	2337	1	CHP	11	2328.074	-51.66	-37	Pass
2337	2341	1	CHP	12	2340.789	-51.82	-31	Pass
2341	2345	1	CHP	13	2341.843	-51.82	-25	Pass

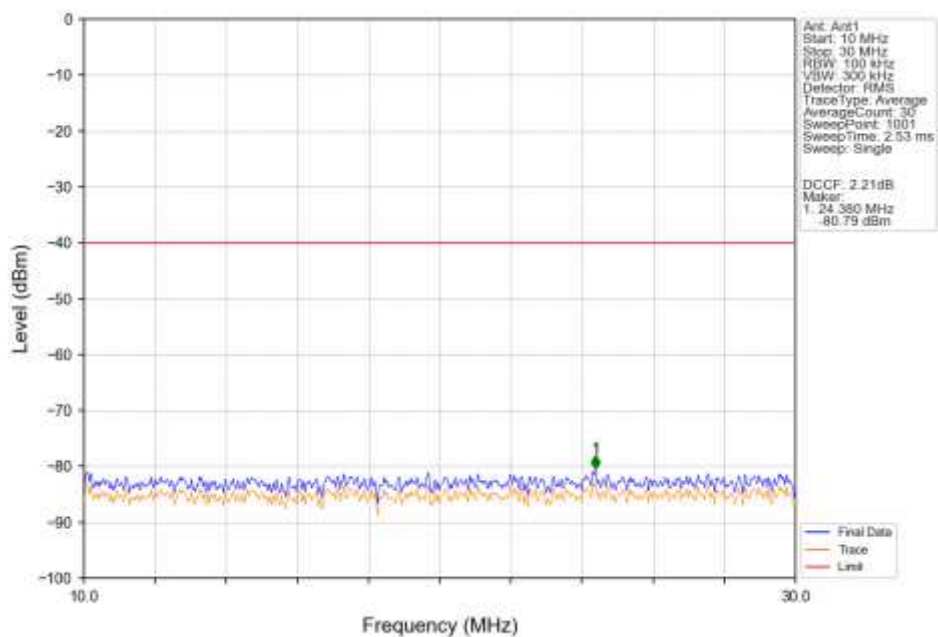
Band40a_10MHz_QPSK_LCH_2310MHz_RB_1_0_NTNV



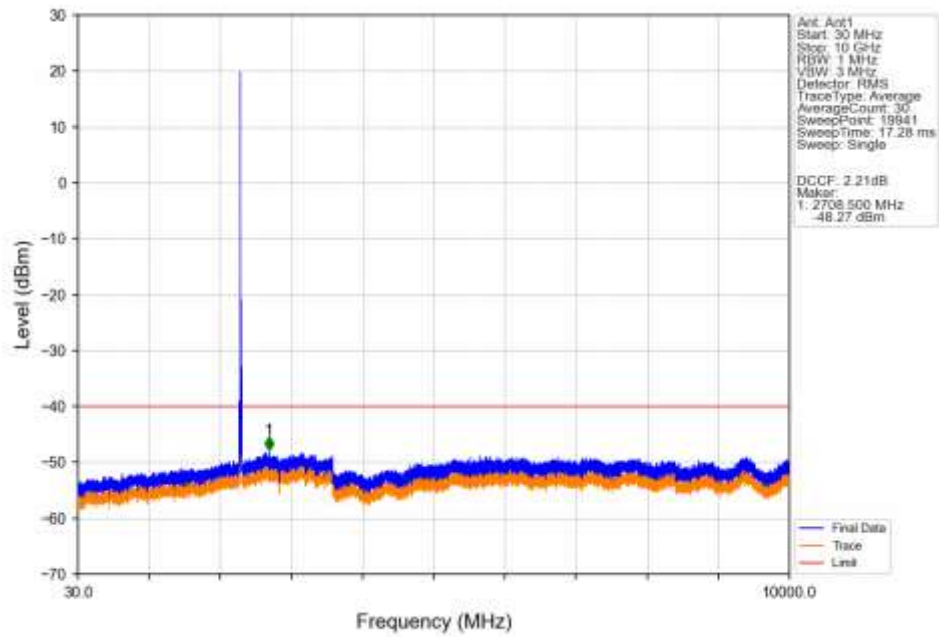
Band40a 10MHz QPSK LCH 2310MHz RB 1 0 NTNV



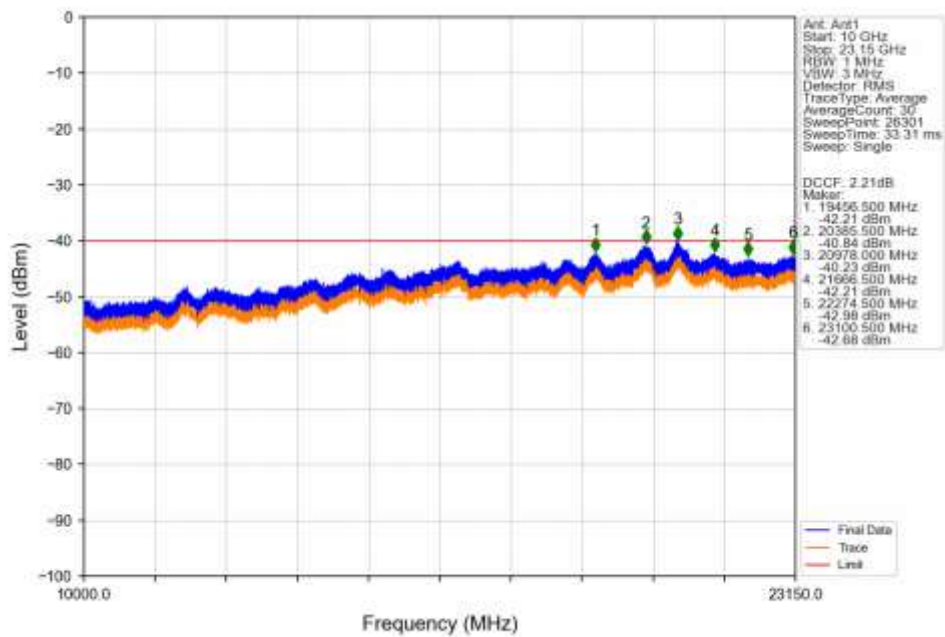
Band40a 10MHz QPSK LCH 2310MHz RB 1 0 NTNV



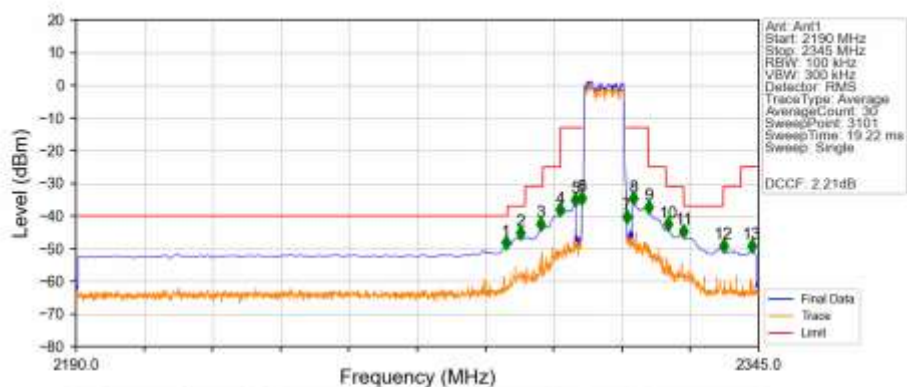
Band40a 10MHz QPSK LCH 2310MHz RB 1 0 NTNV



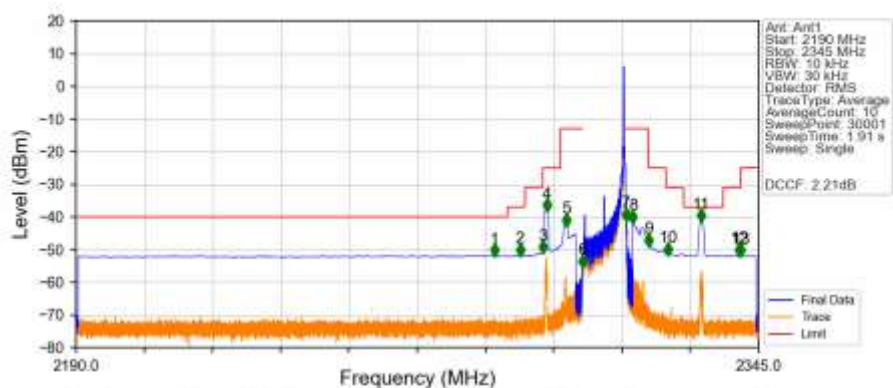
Band40a 10MHz QPSK LCH 2310MHz RB 1 0 NTNV



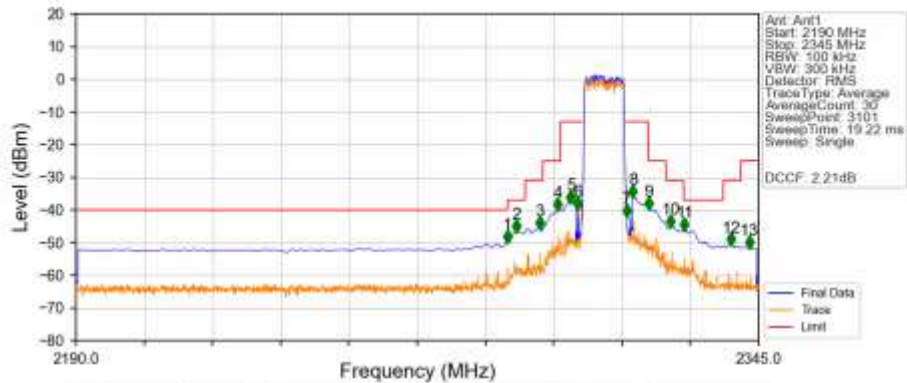
Band40a 10MHz QPSK LCH 2310MHz RB 50 0 NTNV



Band40a 10MHz QPSK HCH 2310MHz RB 1 49 NTNV

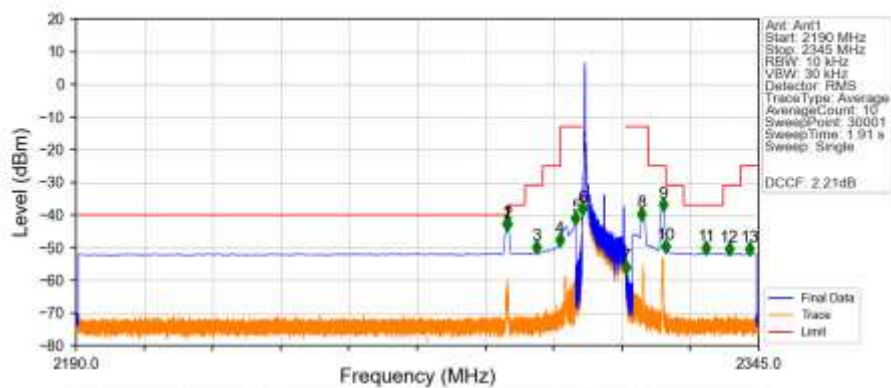


Band40a 10MHz QPSK HCH 2310MHz RB 50 0 NTNV



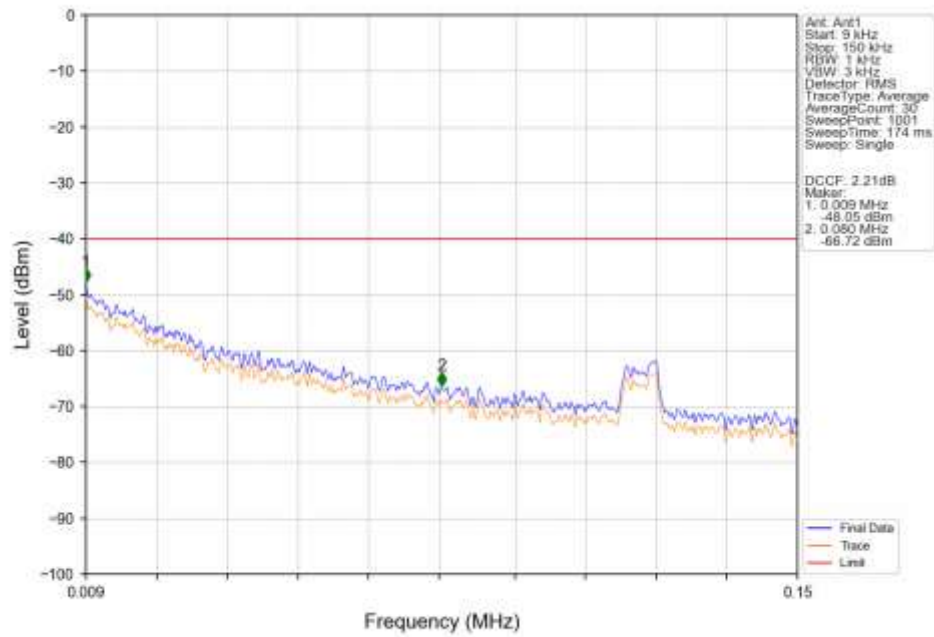
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	CHP	1	2288.000	-49.73	-40	Pass
2288	2292	1	CHP	2	2290.000	-46.41	-37	Pass
2292	2296	1	CHP	3	2295.300	-45.48	-31	Pass
2296	2300	1	CHP	4	2299.400	-39.81	-25	Pass
2300	2304	1	CHP	5	2302.400	-37.53	-13	Pass
2304	2305	0.102	CHP	6	2304.050	-39.55	-13	Pass
2305	2315	0.102	CHP	7	2315.050	-41.77	-13	Pass
2315	2316	0.102	CHP	8	2316.500	-35.85	-13	Pass
2316	2320	1	CHP	9	2320.050	-39.52	-25	Pass
2320	2324	1	CHP	10	2325.100	-45.07	-31	Pass
2324	2328	1	CHP	11	2328.200	-46.05	-37	Pass
2328	2337	1	CHP	12	2338.750	-50.58	-31	Pass
2337	2341	1	CHP	13	2342.900	-51.45	-25	Pass
2341	2345	1	CHP					

Band40a 10MHz 16QAM LCH 2310MHz RB 1 0 NTNV

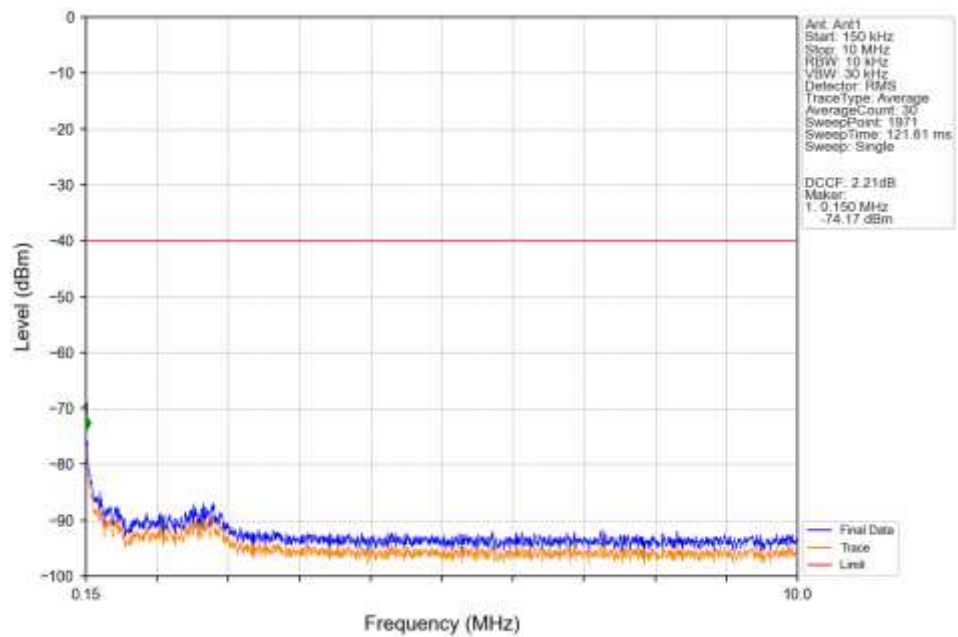


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	CHP	1	2287.908	-44.36	-40	Pass
2288	2292	1	CHP	2	2288.001	-44.36	-37	Pass
2292	2296	1	CHP	3	2294.682	-51.48	-31	Pass
2296	2300	1	CHP	4	2299.885	-49.24	-25	Pass
2300	2304	1	CHP	5	2303.491	-42.57	-13	Pass
2304	2305	0.01	CHP	6	2305.000	-39.72	-13	Pass
2305	2315	0.01	CHP	7	2315.018	-57.62	-13	Pass
2315	2316	0.01	CHP	8	2318.490	-41.31	-13	Pass
2316	2320	1	CHP	9	2323.295	-38.49	-25	Pass
2320	2324	1	CHP	10	2324.003	-51.09	-31	Pass
2324	2328	1	CHP	11	2333.173	-51.68	-37	Pass
2328	2337	1	CHP	12	2338.314	-51.89	-31	Pass
2337	2341	1	CHP	13	2343.073	-51.91	-25	Pass
2341	2345	1	CHP					

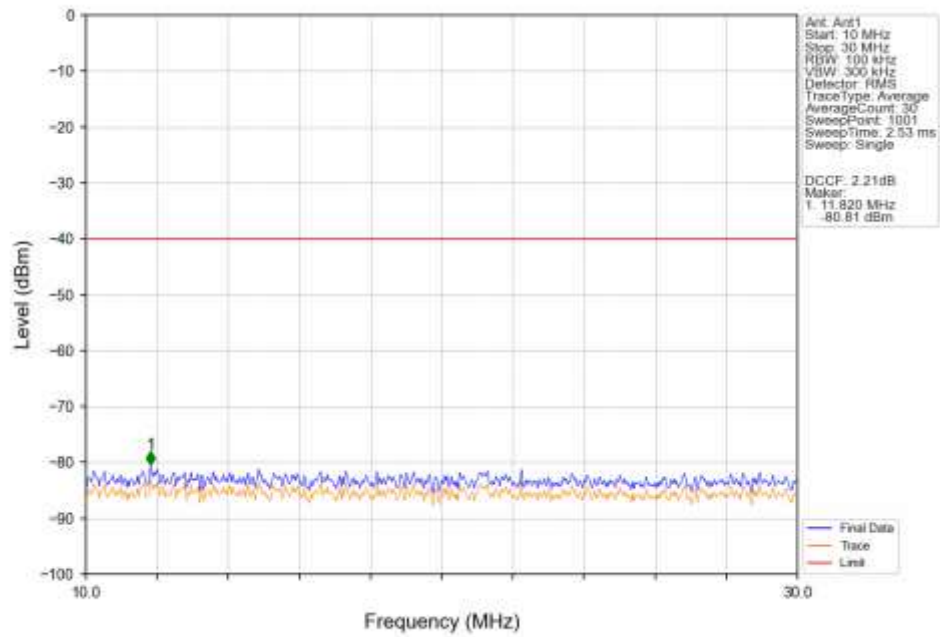
Band40a 10MHz 16QAM LCH 2310MHz RB 1 0 NTNV



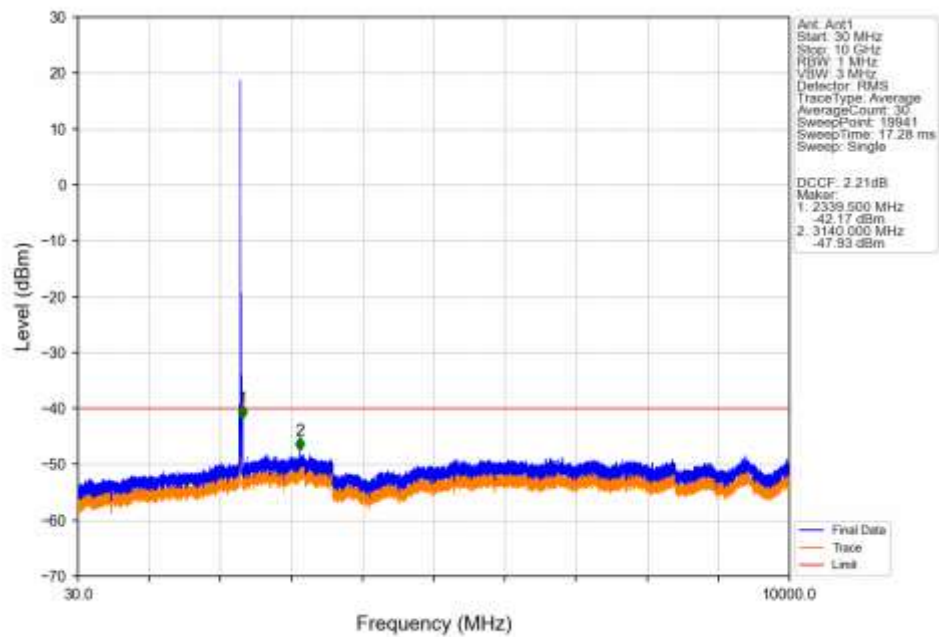
Band40a 10MHz 16QAM LCH 2310MHz RB 1 0 NTNV



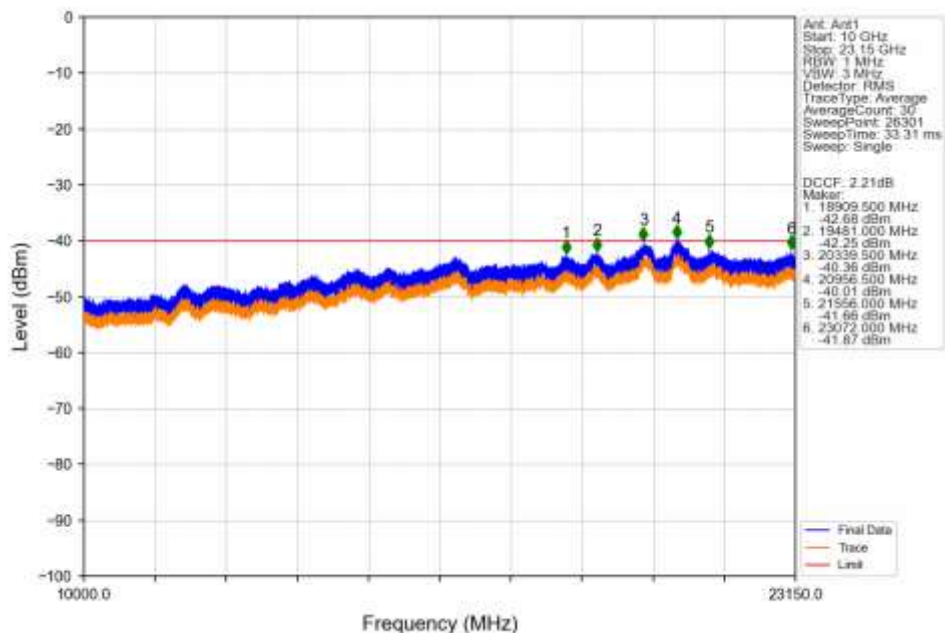
Band40a 10MHz 16QAM LCH 2310MHz RB 1 0 NTNV



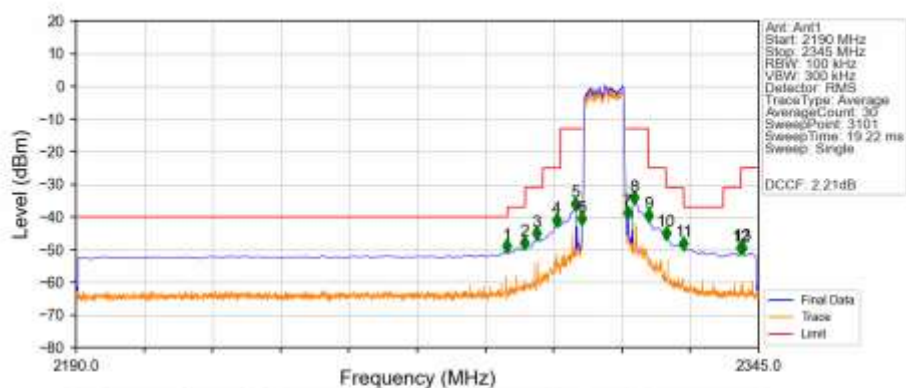
Band40a 10MHz 16QAM LCH 2310MHz RB 1 0 NTNV



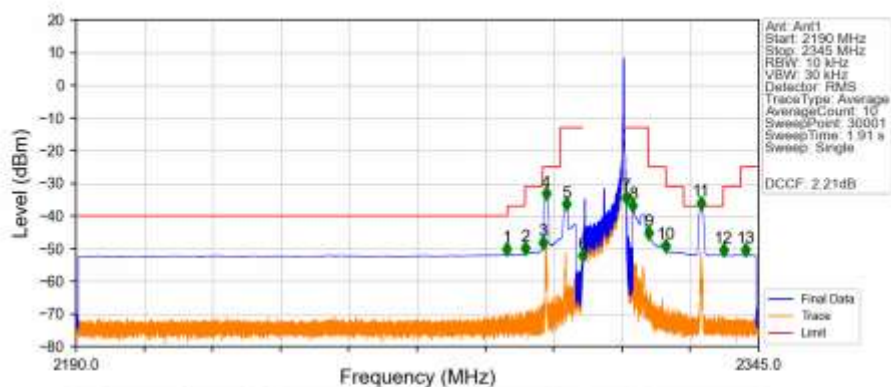
Band40a 10MHz 16QAM LCH 2310MHz RB 1 0 NTNV



Band40a 10MHz 16QAM LCH 2310MHz RB 50 0 NTNV

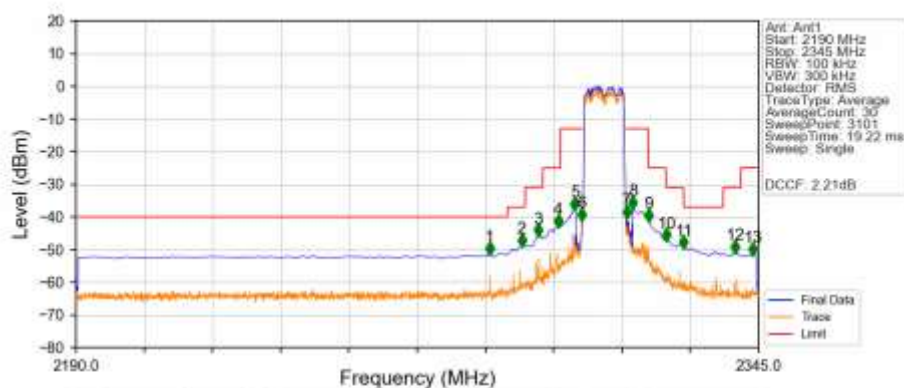


Band40a 10MHz 16QAM HCH 2310MHz RB 1 49 NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	CHP	1	2287.919	-51.70	-40	Pass
2288	2292	1	CHP	2	2291.995	-51.50	-37	Pass
2292	2296	1	CHP	3	2295.999	-49.74	-31	Pass
2296	2300	1	CHP	4	2296.821	-34.76	-25	Pass
2300	2304	1	CHP	5	2301.455	-37.96	-13	Pass
2304	2305	0.01	/	6	2305.000	-53.72	-13	Pass
2305	2315	0.01	/	/	/	/	/	/
2315	2316	0.01	/	7	2315.028	-35.80	-13	Pass
2316	2320	1	CHP	8	2316.501	-38.27	-13	Pass
2320	2324	1	CHP	9	2320.004	-46.66	-25	Pass
2324	2328	1	CHP	10	2324.003	-50.76	-31	Pass
2328	2337	1	CHP	11	2331.959	-37.68	-37	Pass
2337	2341	1	CHP	12	2337.048	-51.90	-31	Pass
2341	2345	1	CHP	13	2342.143	-51.91	-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	2283.900	-51.21	-40	Pass
2288	2292	1	CHP	2	2291.250	-48.77	-37	Pass
2292	2296	1	CHP	3	2294.900	-45.61	-31	Pass
2296	2300	1	CHP	4	2299.550	-42.73	-25	Pass
2300	2304	1	CHP	5	2303.300	-37.55	-13	Pass
2304	2305	0.102	CHP	6	2304.950	-40.87	-13	Pass
2305	2315	0.102	CHP	/	/	/	/	/
2315	2316	0.102	CHP	7	2315.050	-40.00	-13	Pass
2316	2320	1	CHP	8	2316.500	-37.09	-13	Pass
2320	2324	1	CHP	9	2320.050	-40.97	-25	Pass
2324	2328	1	CHP	10	2324.100	-47.11	-31	Pass
2328	2337	1	CHP	11	2328.050	-49.30	-37	Pass
2337	2341	1	CHP	12	2339.700	-50.73	-31	Pass
2341	2345	1	CHP	13	2343.750	-51.35	-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	0.1368	0.0030	ppm	4M55G7D	/	21.36
40a	5	2307.5	2312.5	0.1159	0.0022	ppm	4M60W7D	/	20.64
40a	10	2310	2310	0.1365	0.0020	ppm	9M09G7D	/	21.35
40a	10	2310	2310	0.1069	0.0019	ppm	9M07W7D	/	20.29

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	0.0824	0.0030	ppm	4M55G7D	/	19.16
40a	5	2307.5	2312.5	0.0698	0.0022	ppm	4M60W7D	/	18.44
40a	10	2310	2310	0.0822	0.0020	ppm	9M09G7D	/	19.15
40a	10	2310	2310	0.0644	0.0019	ppm	9M07W7D	/	18.09