Annex for FCC LTE Band 40a

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	22.95	0.00	22.95	<=23.98	Pass
			13	22.73	0.00	22.73	<=23.98	Pass
			24	22.87	0.00	22.87	<=23.98	Pass
		12	0	21.91	0.00	21.91	<=23.98	Pass
			6	21.91	0.00	21.91	<=23.98	Pass
			13	21.87	0.00	21.87	<=23.98	Pass
		25	0	21.88	0.00	21.88	<=23.98	Pass
	2310	1	0	22.86	0.00	22.86	<=23.98	Pass
			13	22.95	0.00	22.95	<=23.98	Pass
			24	22.76	0.00	22.76	<=23.98	Pass
		12	0	21.88	0.00	21.88	<=23.98	Pass
			6	21.76	0.00	21.76	<=23.98	Pass
			13	21.96	0.00	21.96	<=23.98	Pass
		25	0	21.98	0.00	21.98	<=23.98	Pass
	2312.5	1	0	22.93	0.00	22.93	<=23.98	Pass
			13	22.87	0.00	22.87	<=23.98	Pass
			24	22.85	0.00	22.85	<=23.98	Pass
		12	0	21.93	0.00	21.93	<=23.98	Pass
			6	21.92	0.00	21.92	<=23.98	Pass
			13	21.98	0.00	21.98	<=23.98	Pass
		25	0	21.80	0.00	21.80	<=23.98	Pass
16QAM	2307.5	1	0	21.77	0.00	21.77	<=23.98	Pass
			13	22.99	0.00	22.99	<=23.98	Pass
			24	21.67	0.00	21.67	<=23.98	Pass
		12	0	20.92	0.00	20.92	<=23.98	Pass
			6	20.80	0.00	20.80	<=23.98	Pass
			13	20.96	0.00	20.96	<=23.98	Pass
		25	0	21.13	0.00	21.13	<=23.98	Pass
	2310	1	0	21.93	0.00	21.93	<=23.98	Pass
			13	21.89	0.00	21.89	<=23.98	Pass
			24	22.94	0.00	22.94	<=23.98	Pass
		12	0	20.83	0.00	20.83	<=23.98	Pass
			6	21.00	0.00	21.00	<=23.98	Pass
			13	20.75	0.00	20.75	<=23.98	Pass
		25	0	20.93	0.00	20.93	<=23.98	Pass
	2312.5	1	0	22.85	0.00	22.85	<=23.98	Pass
			13	21.81	0.00	21.81	<=23.98	Pass
			24	22.12	0.00	22.12	<=23.98	Pass
		12	0	21.03	0.00	21.03	<=23.98	Pass
			6	20.97	0.00	20.97	<=23.98	Pass
			13	21.02	0.00	21.02	<=23.98	Pass
		25	0	21.05	0.00	21.05	<=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	22.91	0.00	22.91	<=23.98	Pass
			25	23.03	0.00	23.03	<=23.98	Pass
			49	22.82	0.00	22.82	<=23.98	Pass
		25	0	21.84	0.00	21.84	<=23.98	Pass
			13	21.91	0.00	21.91	<=23.98	Pass
			25	21.94	0.00	21.94	<=23.98	Pass
		50	0	21.82	0.00	21.82	<=23.98	Pass
16QAM	2310	1	0	22.77	0.00	22.77	<=23.98	Pass
			25	21.91	0.00	21.91	<=23.98	Pass
			49	22.10	0.00	22.10	<=23.98	Pass
		25	0	21.03	0.00	21.03	<=23.98	Pass
			13	21.21	0.00	21.21	<=23.98	Pass
			25	21.08	0.00	21.08	<=23.98	Pass
		50	0	21.13	0.00	21.13	<=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	3.15	37.065	0.0161	-2.5 to 2.5	Pass
					3.7	22.559	0.0098	-2.5 to 2.5	Pass
					4.26	5.937	0.0026	-2.5 to 2.5	Pass
				-30	3.7	-1.073	-0.0005	-2.5 to 2.5	Pass
				-20	3.7	-2.918	-0.0013	-2.5 to 2.5	Pass
				-10	3.7	-1.216	-0.0005	-2.5 to 2.5	Pass
				0	3.7	2.375	0.0010	-2.5 to 2.5	Pass
				10	3.7	6.437	0.0028	-2.5 to 2.5	Pass
				30	3.7	7.610	0.0033	-2.5 to 2.5	Pass
				40	3.7	8.869	0.0038	-2.5 to 2.5	Pass
				50	3.7	10.514	0.0046	-2.5 to 2.5	Pass
	2310	25	0	20	3.15	13.204	0.0057	-2.5 to 2.5	Pass
					3.7	5.922	0.0026	-2.5 to 2.5	Pass
					4.26	-13.947	-0.0060	-2.5 to 2.5	Pass
				-30	3.7	-27.323	-0.0118	-2.5 to 2.5	Pass
				-20	3.7	-40.054	-0.0173	-2.5 to 2.5	Pass
				-10	3.7	-37.251	-0.0161	-2.5 to 2.5	Pass
				0	3.7	-49.181	-0.0213	-2.5 to 2.5	Pass
				10	3.7	-44.789	-0.0194	-2.5 to 2.5	Pass
				30	3.7	-48.552	-0.0210	-2.5 to 2.5	Pass
				40	3.7	-0.272	-0.0001	-2.5 to 2.5	Pass
				50	3.7	-7.253	-0.0031	-2.5 to 2.5	Pass
	2312.5	25	0	20	3.15	16.050	0.0069	-2.5 to 2.5	Pass
					3.7	8.440	0.0036	-2.5 to 2.5	Pass
					4.26	-13.919	-0.0060	-2.5 to 2.5	Pass
				-30	3.7	-24.705	-0.0107	-2.5 to 2.5	Pass
				-20	3.7	-28.181	-0.0122	-2.5 to 2.5	Pass
				-10	3.7	-37.537	-0.0162	-2.5 to 2.5	Pass
				0	3.7	-34.590	-0.0150	-2.5 to 2.5	Pass
				10	3.7	-39.783	-0.0172	-2.5 to 2.5	Pass
				30	3.7	-45.333	-0.0196	-2.5 to 2.5	Pass
				40	3.7	-31.786	-0.0137	-2.5 to 2.5	Pass
				50	3.7	-38.595	-0.0167	-2.5 to 2.5	Pass
16QAM	2307.5	25	0	20	3.15	28.868	0.0125	-2.5 to 2.5	Pass
					3.7	1.702	0.0007	-2.5 to 2.5	Pass
					4.26	13.247	0.0057	-2.5 to 2.5	Pass
				-30	3.7	15.149	0.0066	-2.5 to 2.5	Pass
				-20	3.7	26.836	0.0116	-2.5 to 2.5	Pass
				-10	3.7	31.357	0.0136	-2.5 to 2.5	Pass
				0	3.7	34.561	0.0150	-2.5 to 2.5	Pass
				10	3.7	35.877	0.0155	-2.5 to 2.5	Pass
				30	3.7	37.494	0.0162	-2.5 to 2.5	Pass
				40	3.7	0.601	0.0003	-2.5 to 2.5	Pass
				50	3.7	6.409	0.0028	-2.5 to 2.5	Pass
	2310	25	0	20	3.15	33.588	0.0145	-2.5 to 2.5	Pass
					3.7	12.789	0.0055	-2.5 to 2.5	Pass

					4.26	29.168	0.0126	-2.5 to 2.5	Pass
				-30	3.7	41.971	0.0182	-2.5 to 2.5	Pass
				-20	3.7	1.931	0.0008	-2.5 to 2.5	Pass
				-10	3.7	10.614	0.0046	-2.5 to 2.5	Pass
				0	3.7	13.518	0.0059	-2.5 to 2.5	Pass
				10	3.7	15.264	0.0066	-2.5 to 2.5	Pass
				30	3.7	15.578	0.0067	-2.5 to 2.5	Pass
				40	3.7	16.580	0.0072	-2.5 to 2.5	Pass
				50	3.7	21.172	0.0092	-2.5 to 2.5	Pass
	2312.5	25	0	20	3.15	19.412	0.0084	-2.5 to 2.5	Pass
					3.7	46.806	0.0202	-2.5 to 2.5	Pass
					4.26	-7.625	-0.0033	-2.5 to 2.5	Pass
				-30	3.7	-7.310	-0.0032	-2.5 to 2.5	Pass
				-20	3.7	1.345	0.0006	-2.5 to 2.5	Pass
				-10	3.7	4.721	0.0020	-2.5 to 2.5	Pass
				0	3.7	10.428	0.0045	-2.5 to 2.5	Pass
				10	3.7	15.292	0.0066	-2.5 to 2.5	Pass
				30	3.7	17.552	0.0076	-2.5 to 2.5	Pass
				40	3.7	19.083	0.0083	-2.5 to 2.5	Pass
				50	3.7	22.187	0.0096	-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	3.15	41.885	0.0181	-2.5 to 2.5	Pass
					3.7	-28.110	-0.0122	-2.5 to 2.5	Pass
					4.26	-11.158	-0.0048	-2.5 to 2.5	Pass
				-30	3.7	-31.915	-0.0138	-2.5 to 2.5	Pass
				-20	3.7	-36.120	-0.0156	-2.5 to 2.5	Pass
				-10	3.7	-4.535	-0.0020	-2.5 to 2.5	Pass
				0	3.7	-3.648	-0.0016	-2.5 to 2.5	Pass
				10	3.7	-9.727	-0.0042	-2.5 to 2.5	Pass
				30	3.7	-11.029	-0.0048	-2.5 to 2.5	Pass
				40	3.7	-10.443	-0.0045	-2.5 to 2.5	Pass
				50	3.7	-18.611	-0.0081	-2.5 to 2.5	Pass
16QAM	2310	50	0	20	3.15	4.220	0.0018	-2.5 to 2.5	Pass
					3.7	37.251	0.0161	-2.5 to 2.5	Pass
					4.26	44.045	0.0191	-2.5 to 2.5	Pass
				-30	3.7	-0.086	0.0000	-2.5 to 2.5	Pass
				-20	3.7	-2.418	-0.0010	-2.5 to 2.5	Pass
				-10	3.7	-1.645	-0.0007	-2.5 to 2.5	Pass
				0	3.7	-1.559	-0.0007	-2.5 to 2.5	Pass
				10	3.7	6.666	0.0029	-2.5 to 2.5	Pass
				30	3.7	4.177	0.0018	-2.5 to 2.5	Pass
				40	3.7	5.765	0.0025	-2.5 to 2.5	Pass
				50	3.7	16.851	0.0073	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band40a_99% Occupied Bandwidth

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	4.536	/	Pass
		2310	25	0	4.549	/	Pass
		2312.5	25	0	4.559	/	Pass
	16QAM	2307.5	25	0	4.587	/	Pass
		2310	25	0	4.532	/	Pass
		2312.5	25	0	4.606	/	Pass
10	QPSK	2310	50	0	9.092	/	Pass
	16QAM	2310	50	0	9.044	/	Pass

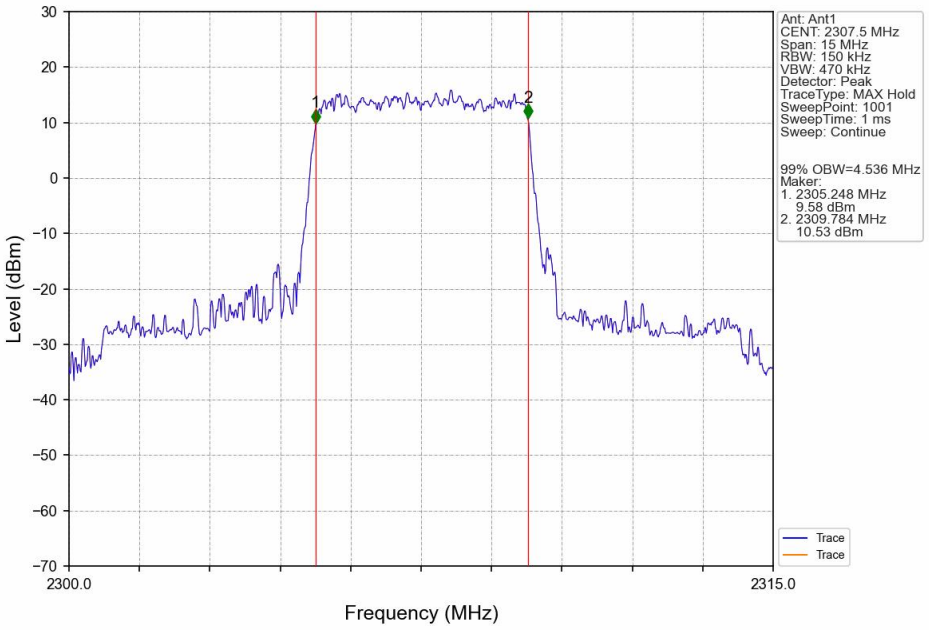
3.1.2 Band40a_26dB Occupied Bandwidth

Band: 40a / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2307.5	25	0	5.029	/	Pass
		2310	25	0	5.176	/	Pass
		2312.5	25	0	5.369	/	Pass
	16QAM	2307.5	25	0	5.751	/	Pass
		2310	25	0	5.054	/	Pass
		2312.5	25	0	5.134	/	Pass
10	QPSK	2310	50	0	10.817	/	Pass
	16QAM	2310	50	0	10.028	/	Pass

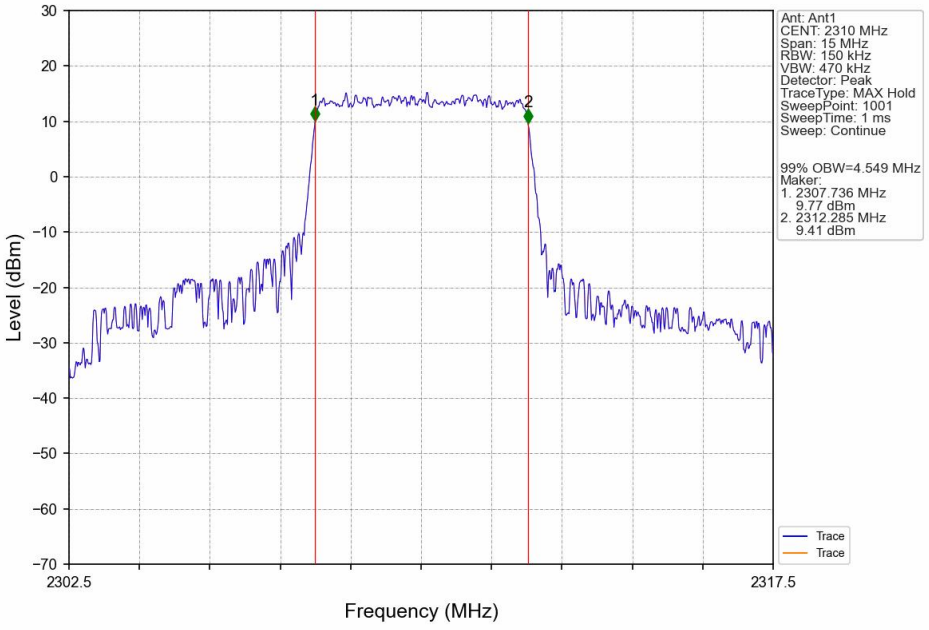
3.2 Test Graph

3.2.1 Band40a_99% Occupied Bandwidth

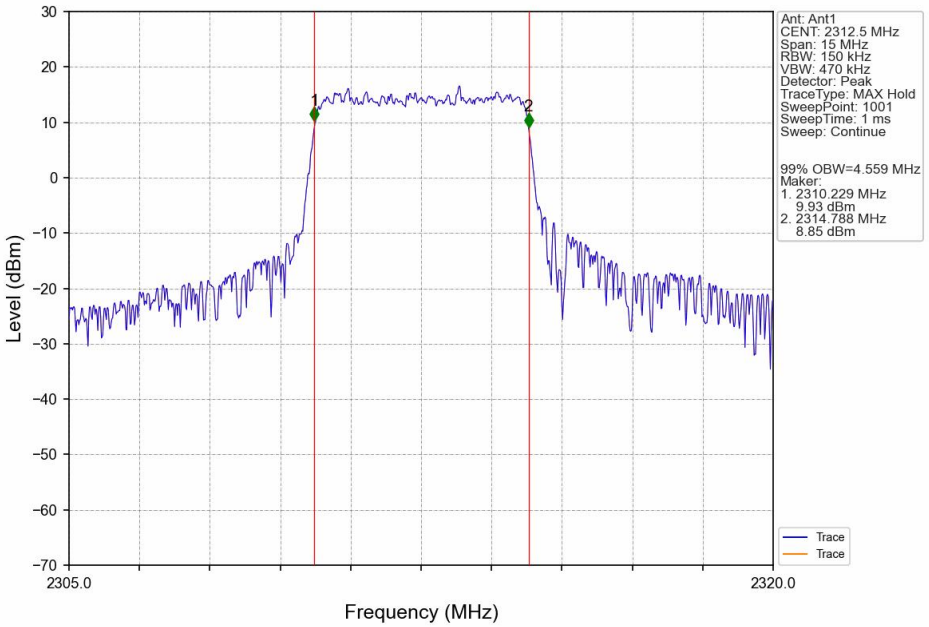
Band40a_5MHz_QPSK_LCH_2307.5MHz_RB_25_0_NTNV



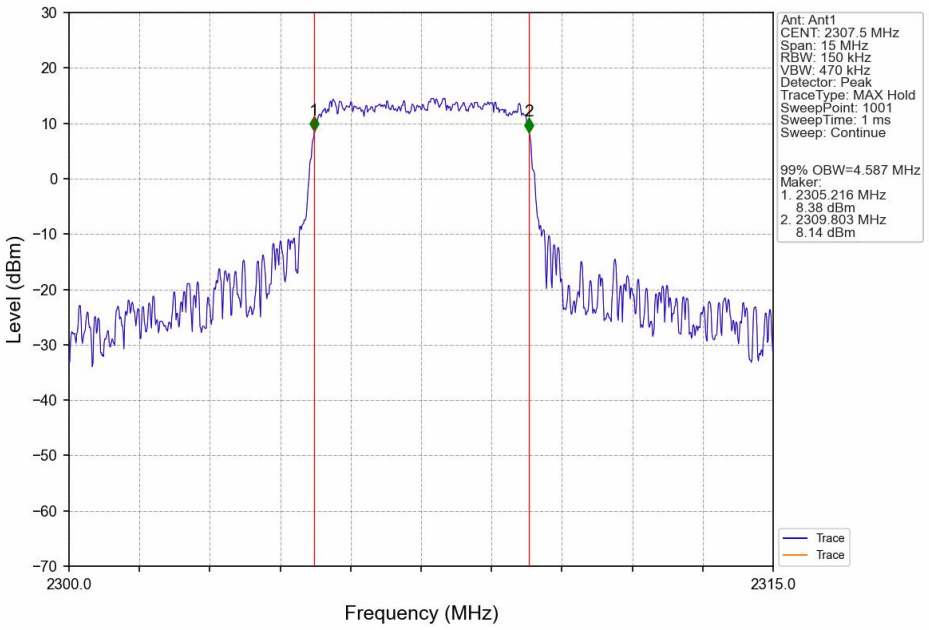
Band40a_5MHz_QPSK_MCH_2310MHz_RB_25_0_NTNV



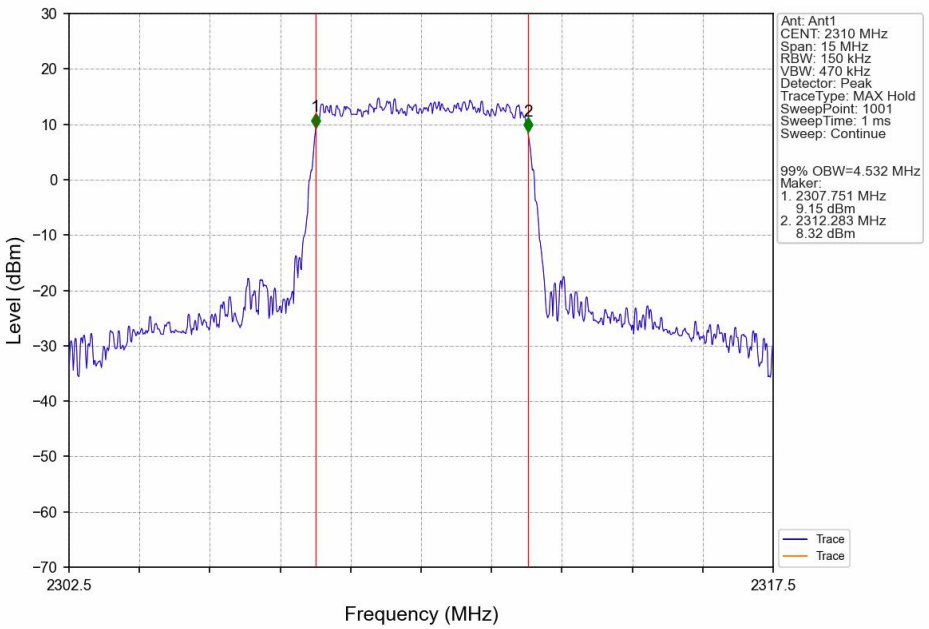
Band40a_5MHz_QPSK_HCH_2312.5MHz_RB_25_0_NTNV



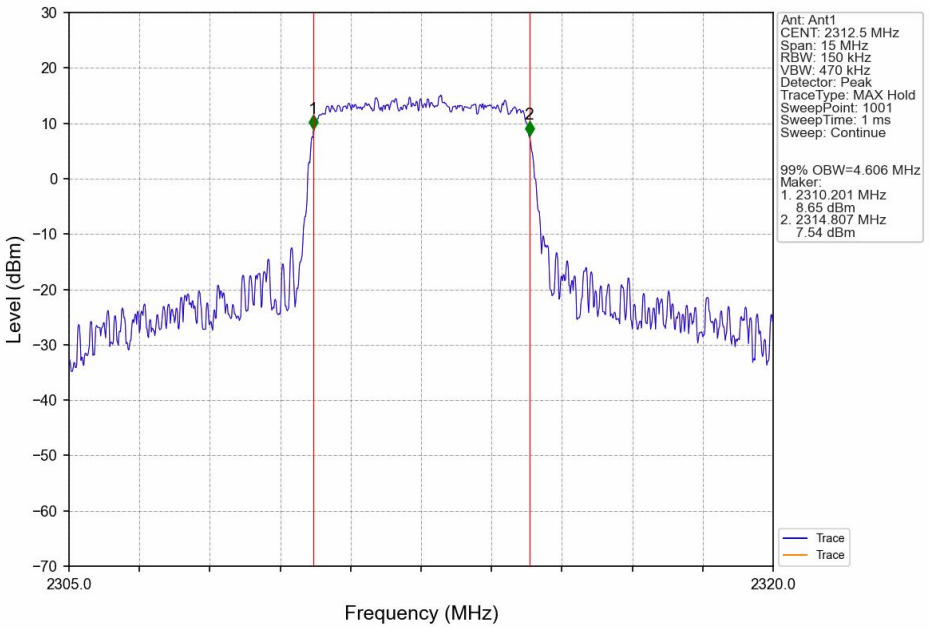
Band40a_5MHz_16QAM_LCH_2307.5MHz_RB_25_0_NTNV



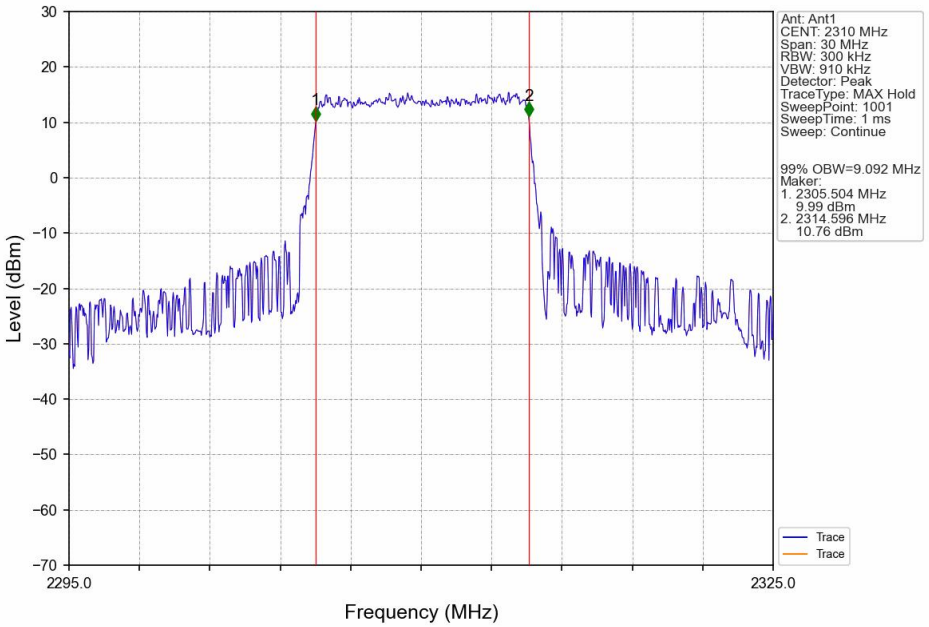
Band40a_5MHz_16QAM_MCH_2310MHz_RB_25_0_NTNV



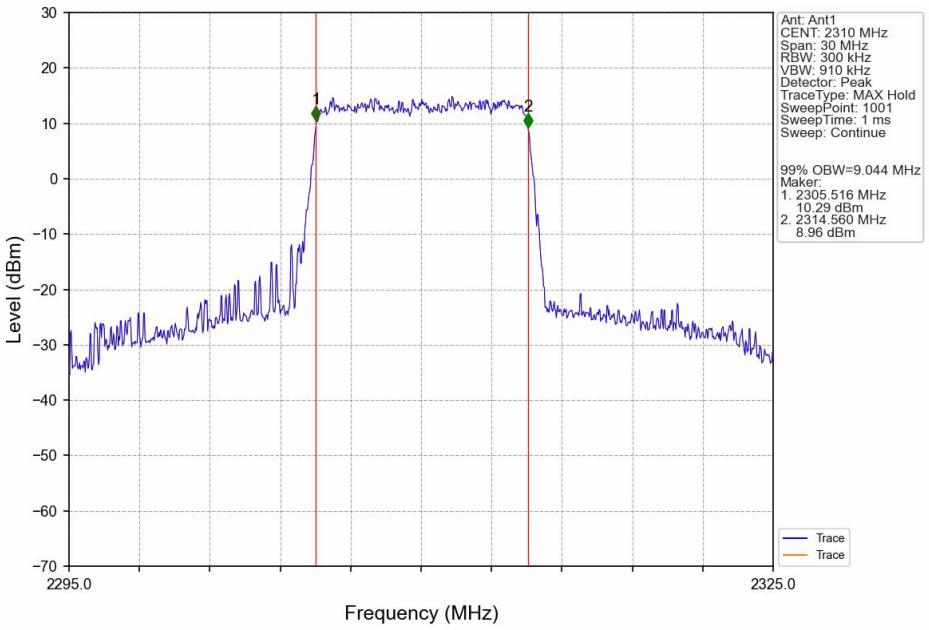
Band40a_5MHz_16QAM_HCH_2312.5MHz_RB_25_0_NTNV



Band40a_10MHz_QPSK_MCH_2310MHz_RB_50_0_NTNV

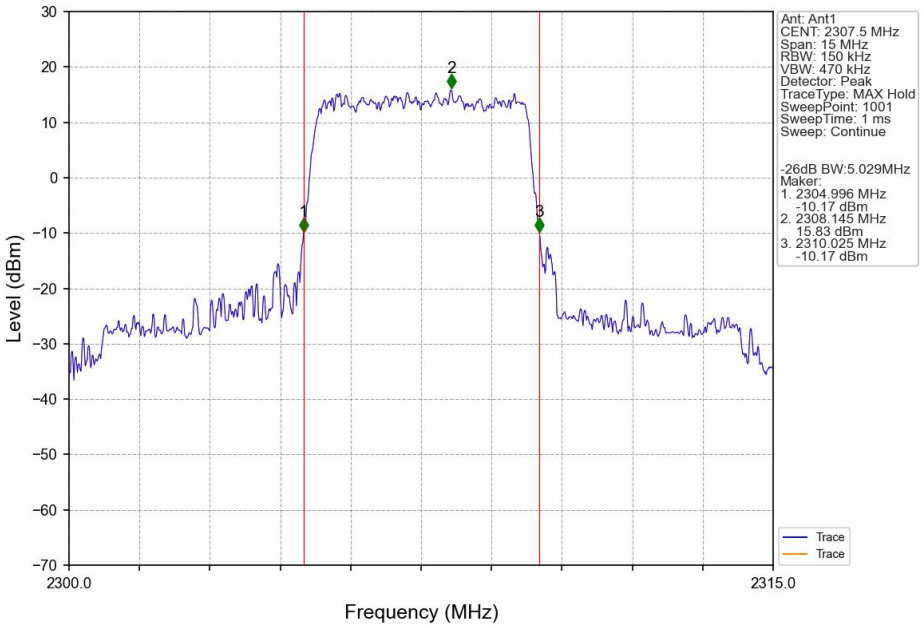


Band40a_10MHz_16QAM_MCH_2310MHz_RB_50_0_NTNV

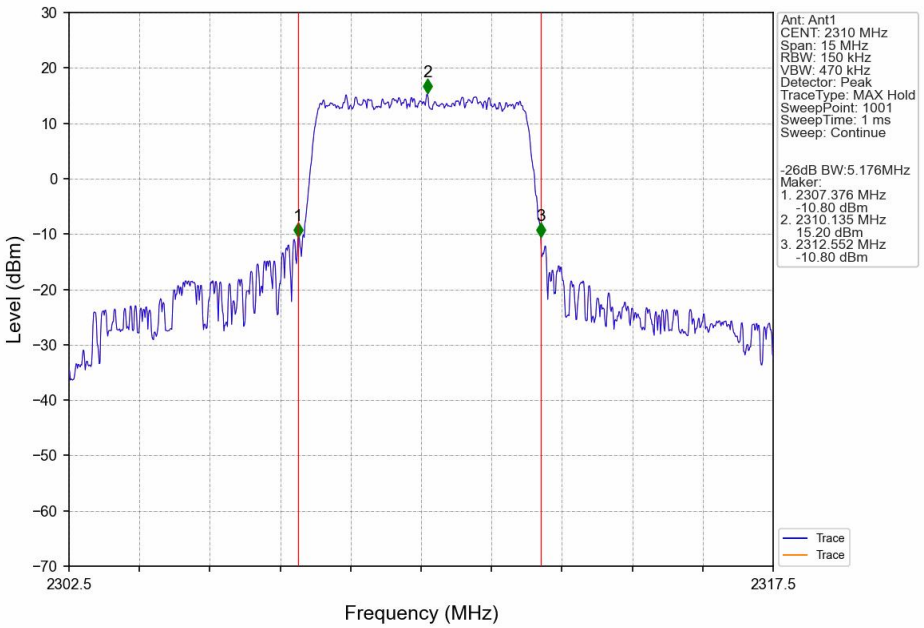


3.2.2 Band40a_26dB Occupied Bandwidth

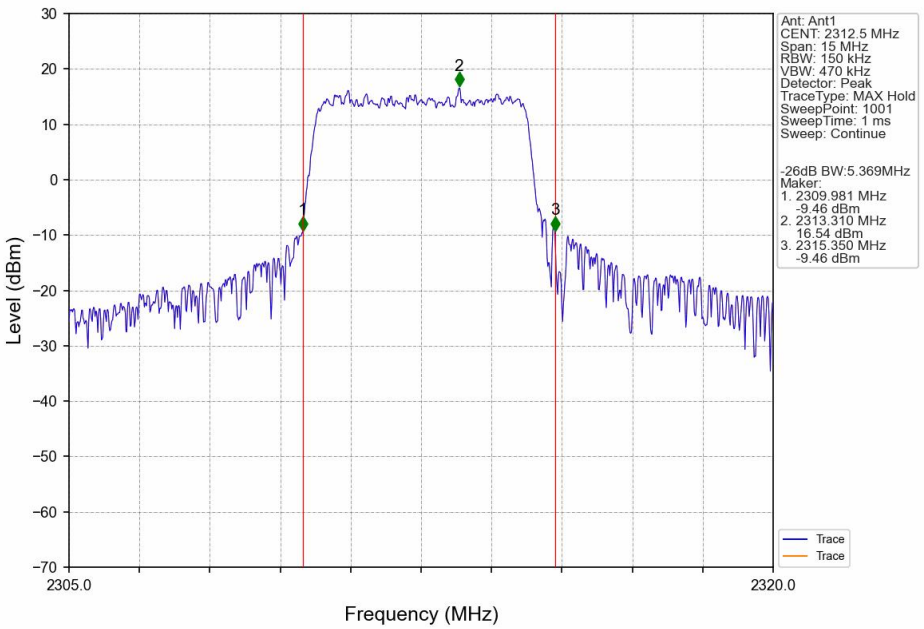
Band40a_5MHz_QPSK_LCH_2307.5MHz_RB_25_0_NTNV



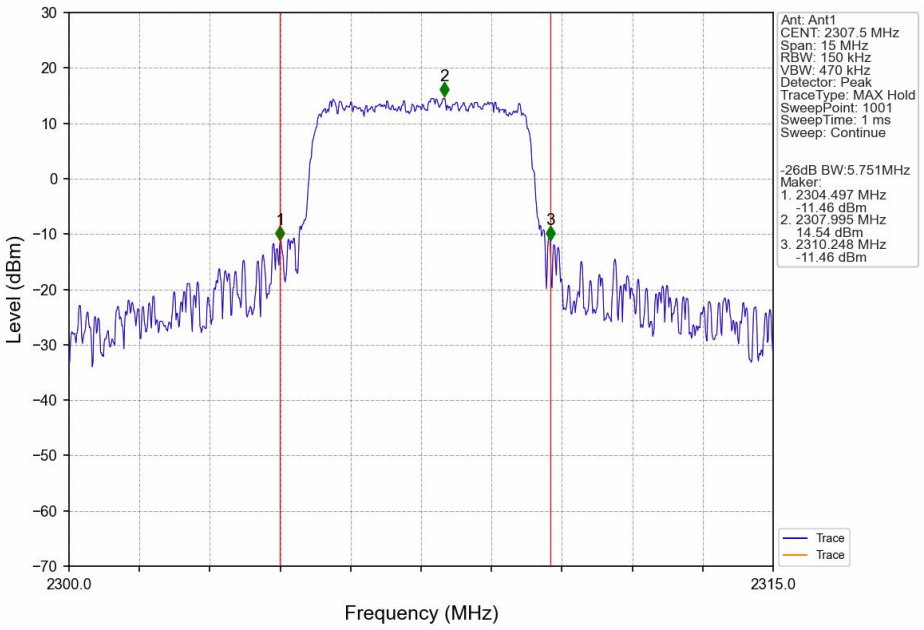
Band40a_5MHz_QPSK_MCH_2310MHz_RB_25_0_NTNV



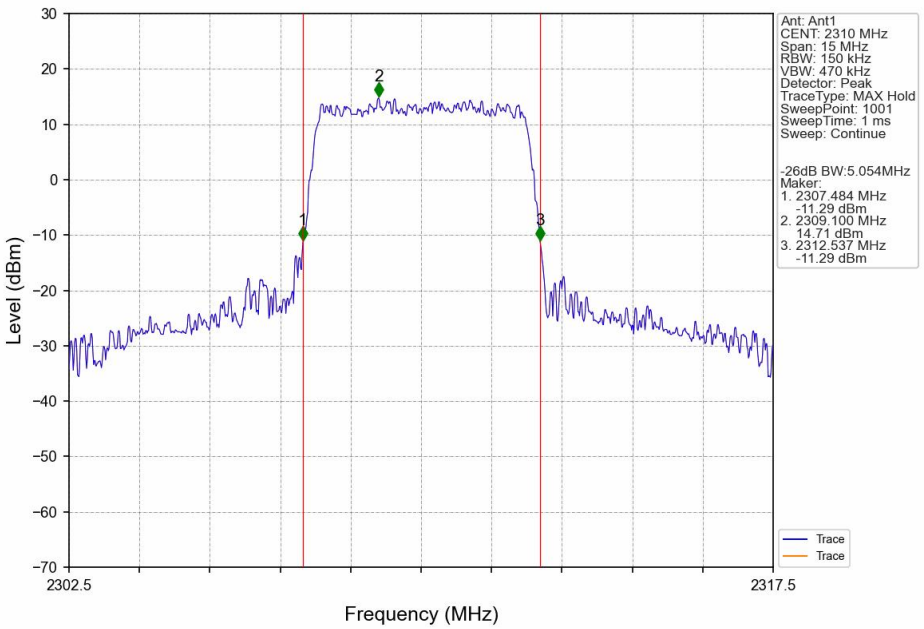
Band40a_5MHz_QPSK_HCH_2312.5MHz_RB_25_0_NTNV



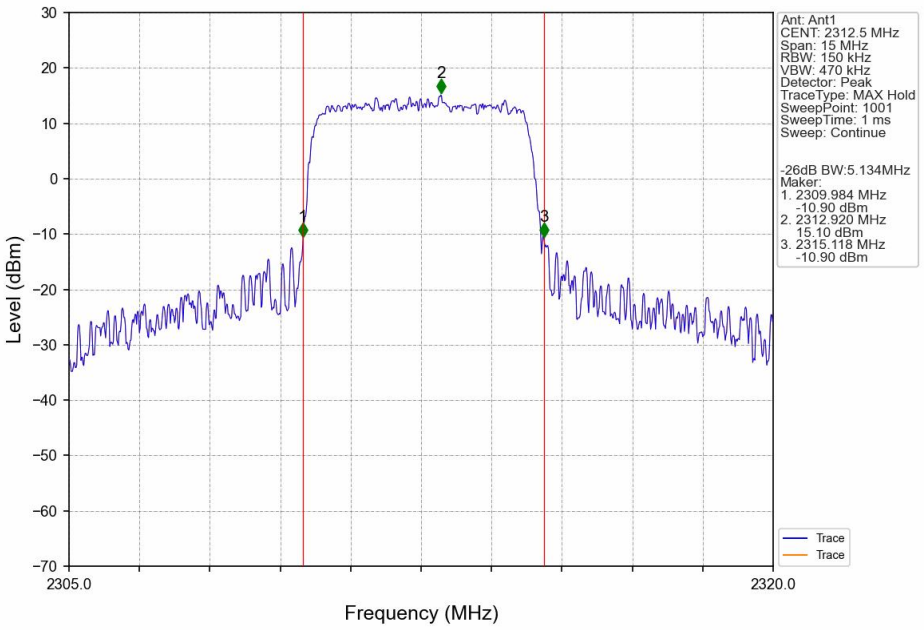
Band40a_5MHz_16QAM_LCH_2307.5MHz_RB_25_0_NTNV



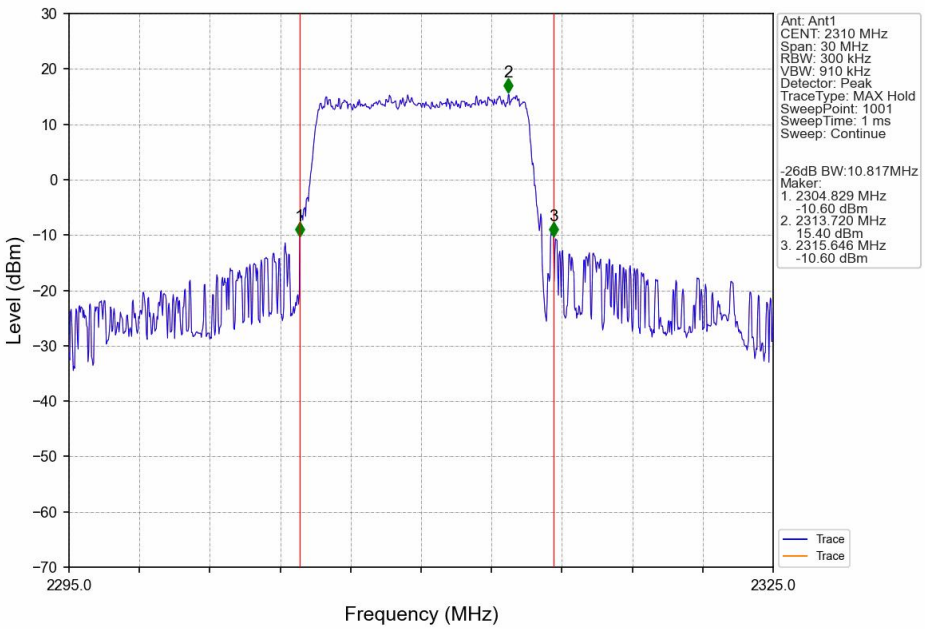
Band40a_5MHz_16QAM_MCH_2310MHz_RB_25_0_NTNV



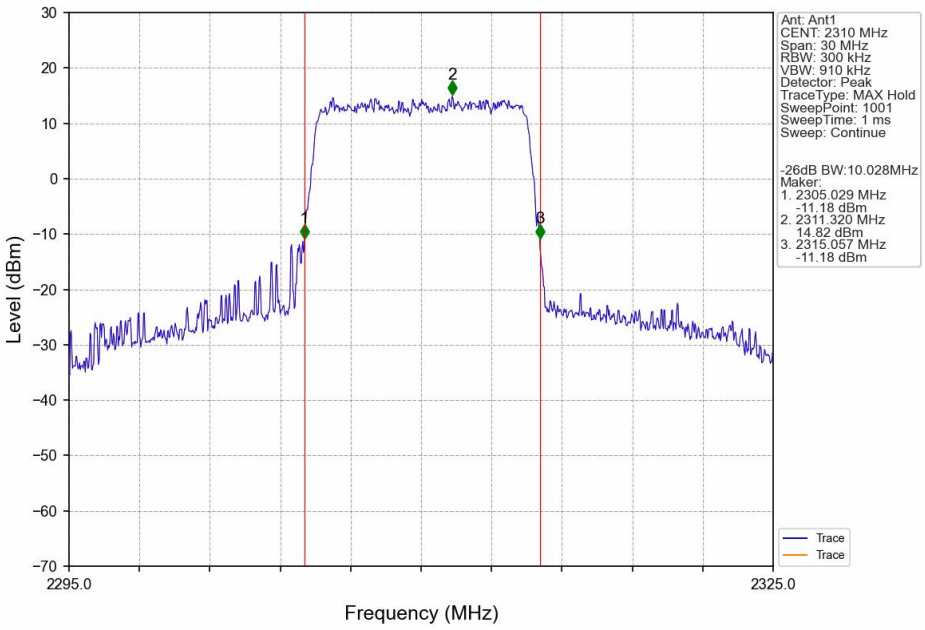
Band40a_5MHz_16QAM_HCH_2312.5MHz_RB_25_0_NTNV



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_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	7.74	<=13	Pass
	2310	25	0	7.67	<=13	Pass
	2312.5	25	0	7.70	<=13	Pass
16QAM	2307.5	25	0	8.36	<=13	Pass
	2310	25	0	8.27	<=13	Pass
	2312.5	25	0	8.33	<=13	Pass

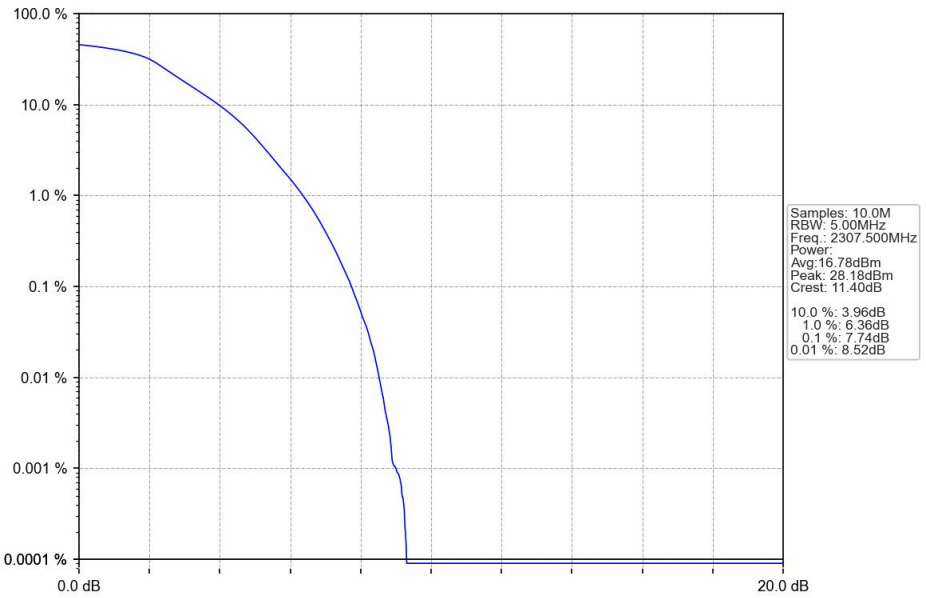
4.1.2 B40a_10MHz

Band: 40a / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2310	50	0	7.70	<=13	Pass
16QAM	2310	50	0	8.66	<=13	Pass

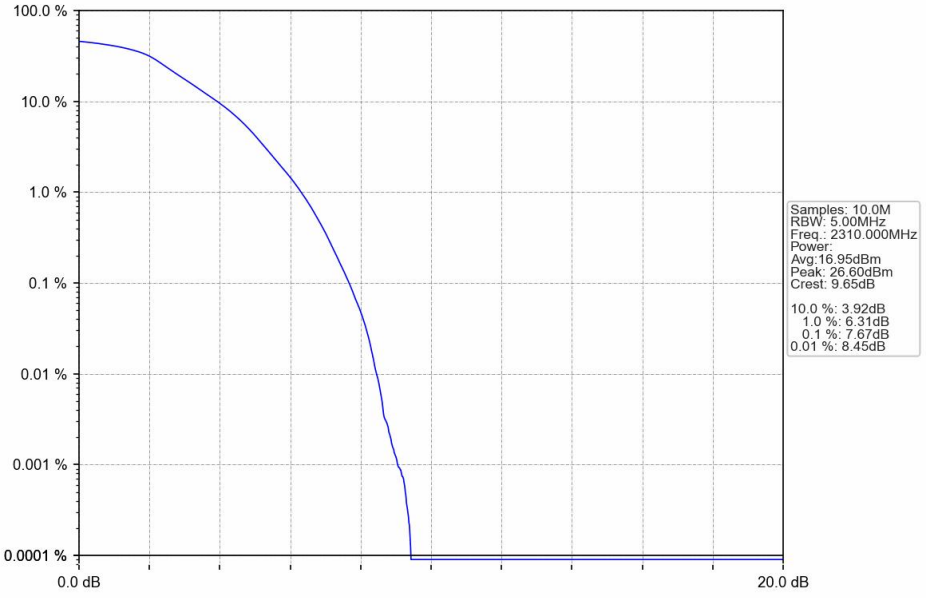
4.2 Test Graph

4.2.1 B40a_5MHz

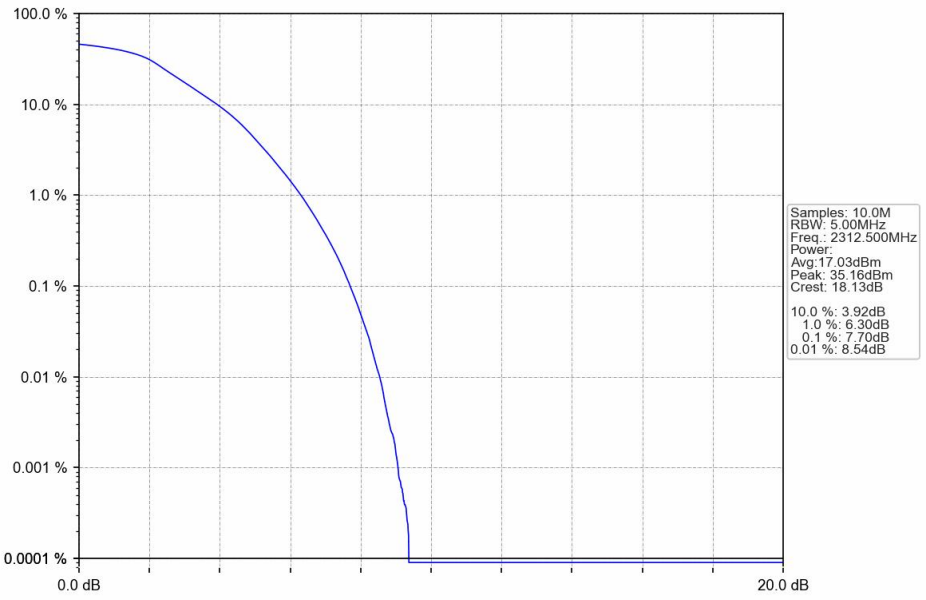
Band40a_5MHz_QPSK_LCH_2307.5MHz_RB_25_0_NTNV



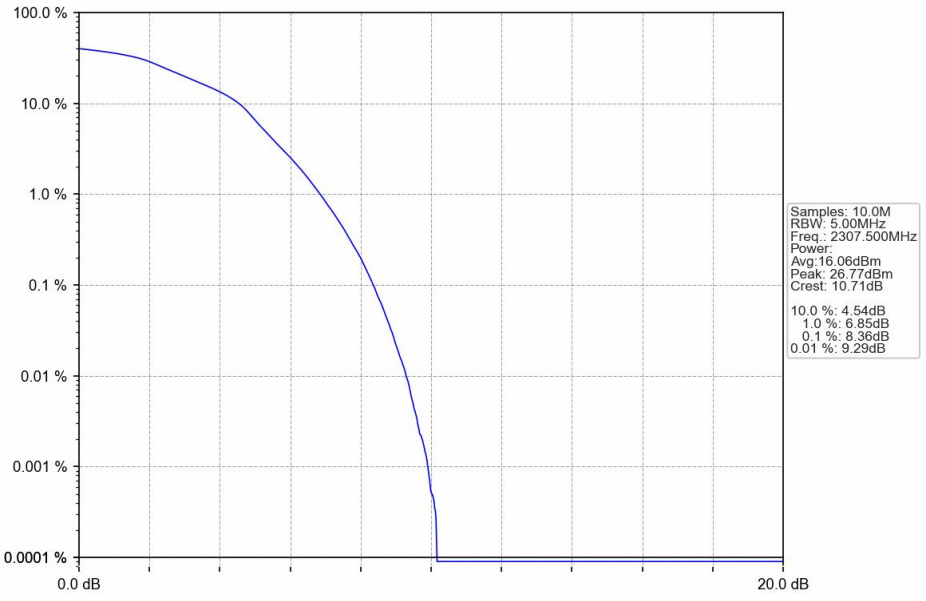
Band40a_5MHz_QPSK_MCH_2310MHz_RB_25_0_NTNV



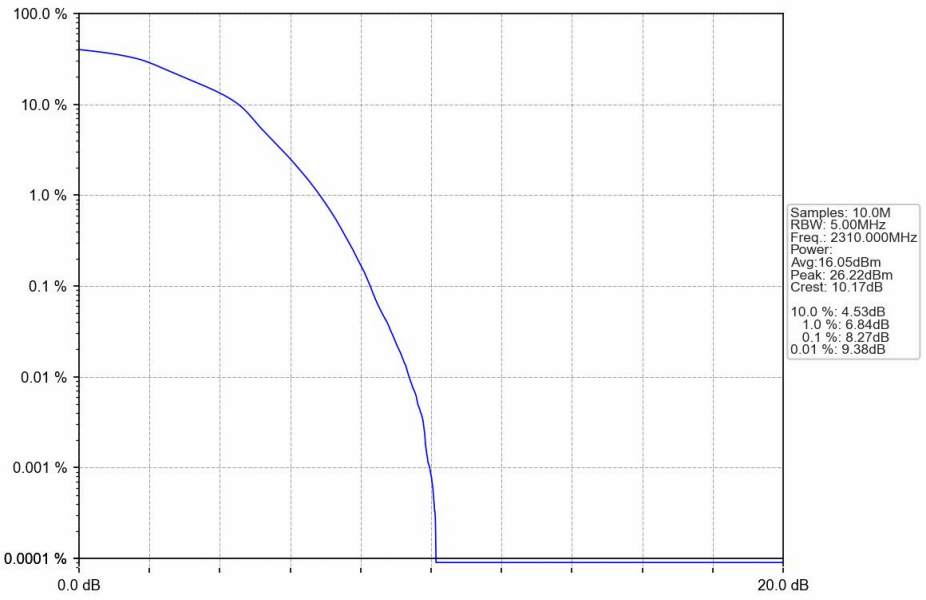
Band40a_5MHz_QPSK_HCH_2312.5MHz_RB_25_0_NTNV



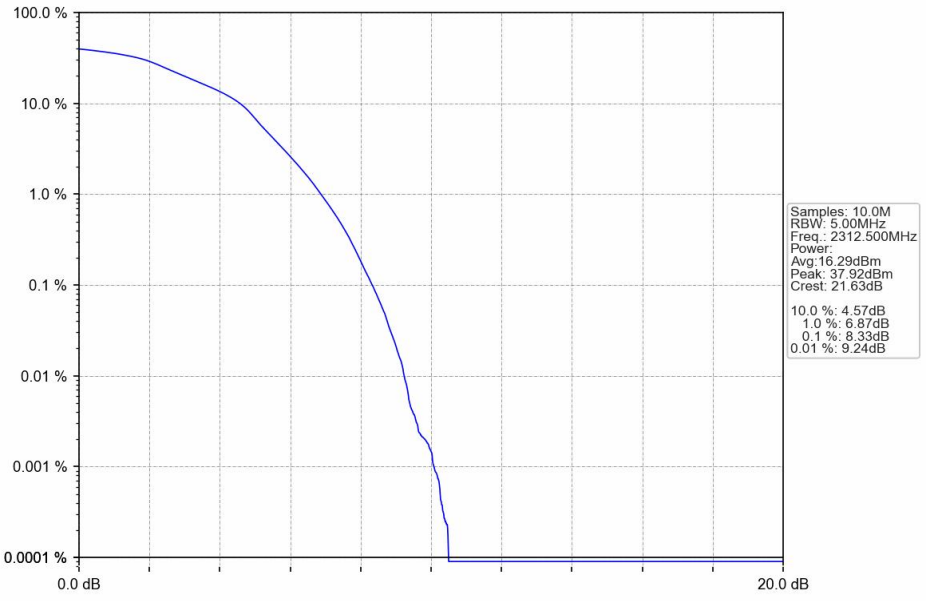
Band40a_5MHz_16QAM_LCH_2307.5MHz_RB_25_0_NTNV



Band40a_5MHz_16QAM_MCH_2310MHz_RB_25_0_NTNV

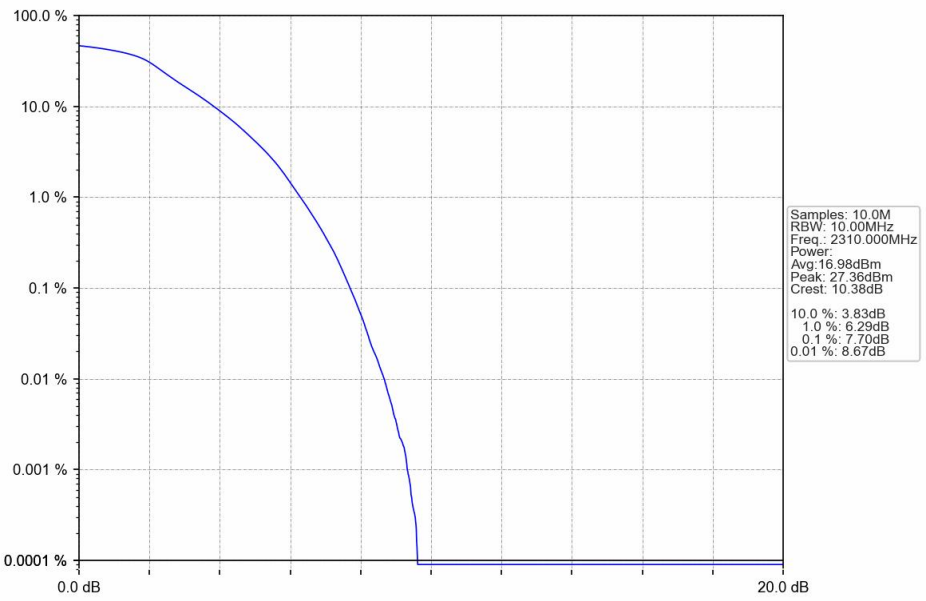


Band40a_5MHz_16QAM_HCH_2312.5MHz_RB_25_0_NTNV

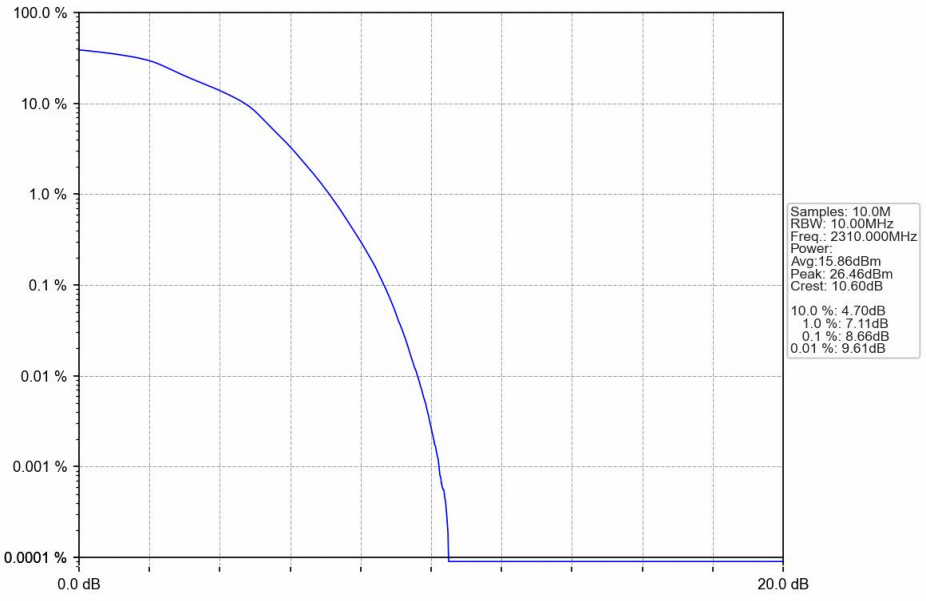


4.2.2 B40a_10MHz

Band40a_10MHz_QPSK_MCH_2310MHz_RB_50_0_NTNV



Band40a_10MHz_16QAM_MCH_2310MHz_RB_50_0_NTNV



5. Conducted Emission and Band Edge

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

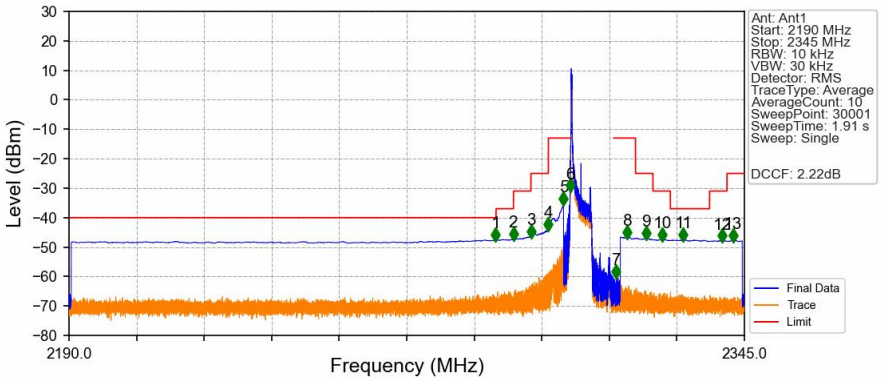
5.1.2 B40a_10MHz

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

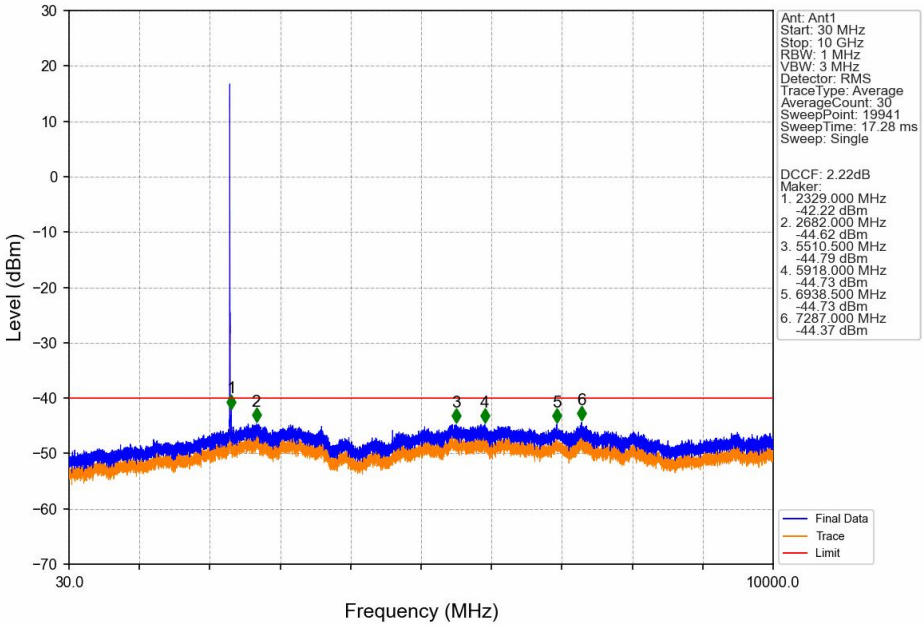
5.2.1 B40a_5MHz

Band40a_5MHz_QPSK_LCH_2307.5MHz_RB_1_0_NTNV

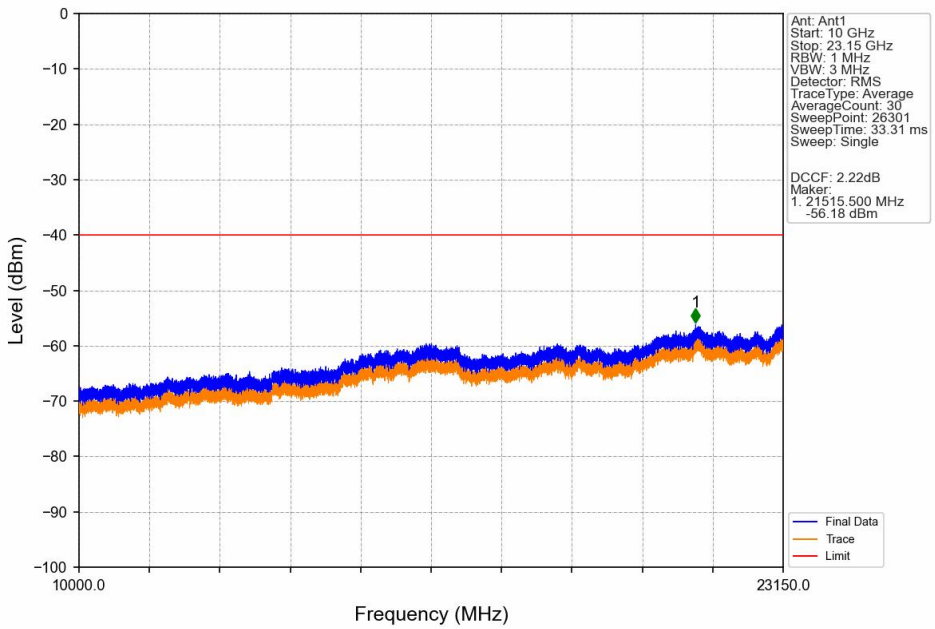


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	CHP	1	2287.924	-47.57	-40	Pass
2288	2292	1	CHP	2	2291.985	-47.25	-37	Pass
2292	2296	1	CHP	3	2295.994	-46.47	-31	Pass
2296	2300	1	CHP	4	2299.988	-44.03	-25	Pass
2300	2304	1	CHP	5	2303.496	-35.20	-13	Pass
2304	2305	0.01	/	6	2305.000	-30.76	-13	Pass
2305	2315	0.01	/	/	/	/	/	/
2315	2316	0.01	/	7	2315.581	-60.02	-13	Pass
2316	2320	1	CHP	8	2317.983	-46.57	-13	Pass
2320	2324	1	CHP	9	2322.432	-46.92	-25	Pass
2324	2328	1	CHP	10	2326.188	-47.45	-31	Pass
2328	2337	1	CHP	11	2330.931	-47.54	-37	Pass
2337	2341	1	CHP	12	2339.849	-47.87	-31	Pass
2341	2345	1	CHP	13	2342.365	-47.68	-25	Pass

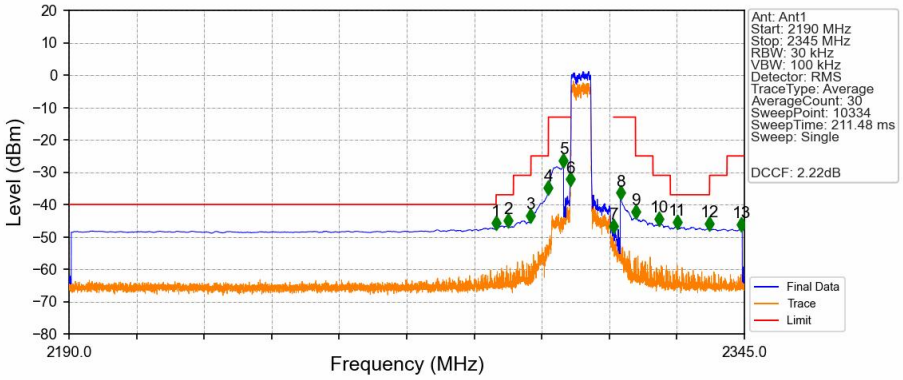
Band40a_5MHz_QPSK_LCH_2307.5MHz_RB_1_0_NTNV



Band40a_5MHz_QPSK_LCH_2307.5MHz_RB_1_0_NTNV

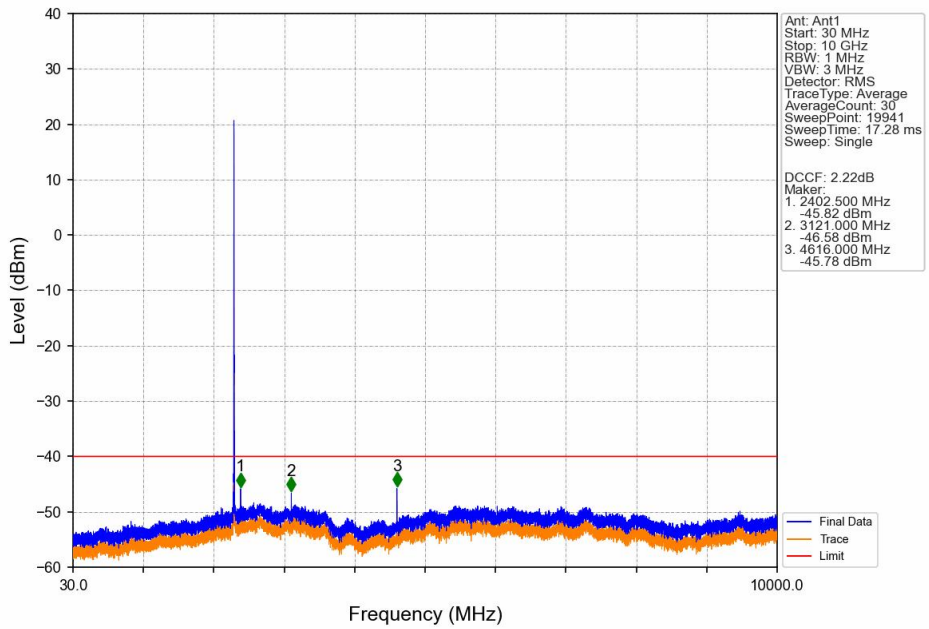


Band40a_5MHz_QPSK_LCH_2307.5MHz_RB_25_0_NTNV

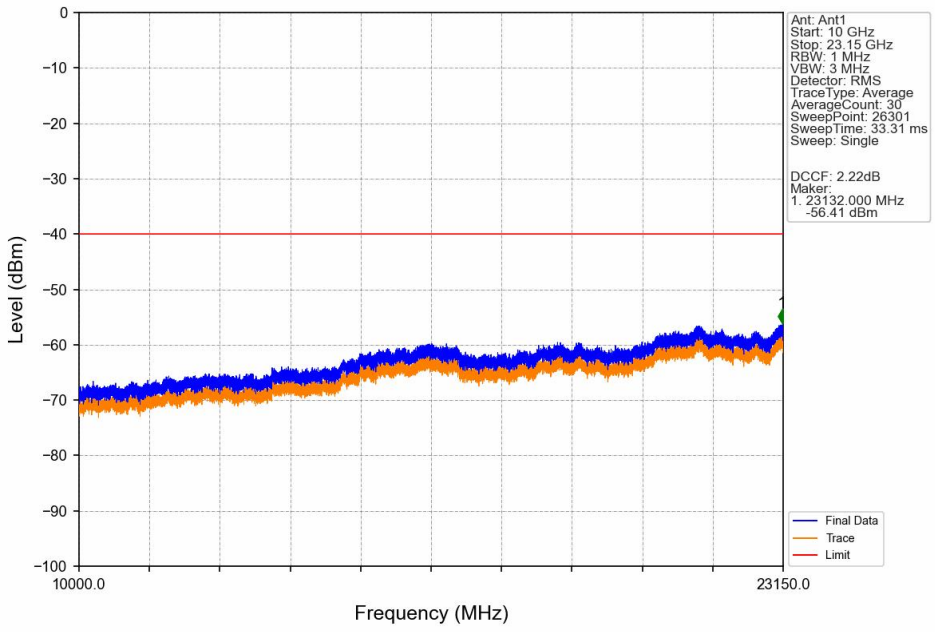


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	CHP	1	2287.953	-47.25	-40	Pass
2288	2292	1	CHP	2	2290.833	-46.48	-37	Pass
2292	2296	1	CHP	3	2295.978	-45.02	-31	Pass
2296	2300	1	CHP	4	2299.999	-36.32	-25	Pass
2300	2304	1	CHP	5	2303.494	-27.95	-13	Pass
2304	2305	0.05	CHP	6	2304.994	-33.79	-13	Pass
2305	2315	0.05	CHP	/	/	/	/	/
2315	2316	0.05	CHP	7	2315.014	-48.22	-13	Pass
2316	2320	1	CHP	8	2316.514	-37.97	-13	Pass
2320	2324	1	CHP	9	2320.069	-43.85	-25	Pass
2324	2328	1	CHP	10	2325.409	-45.98	-31	Pass
2328	2337	1	CHP	11	2329.595	-46.90	-37	Pass
2337	2341	1	CHP	12	2337.005	-47.54	-31	Pass
2341	2345	1	CHP	13	2344.265	-47.69	-25	Pass

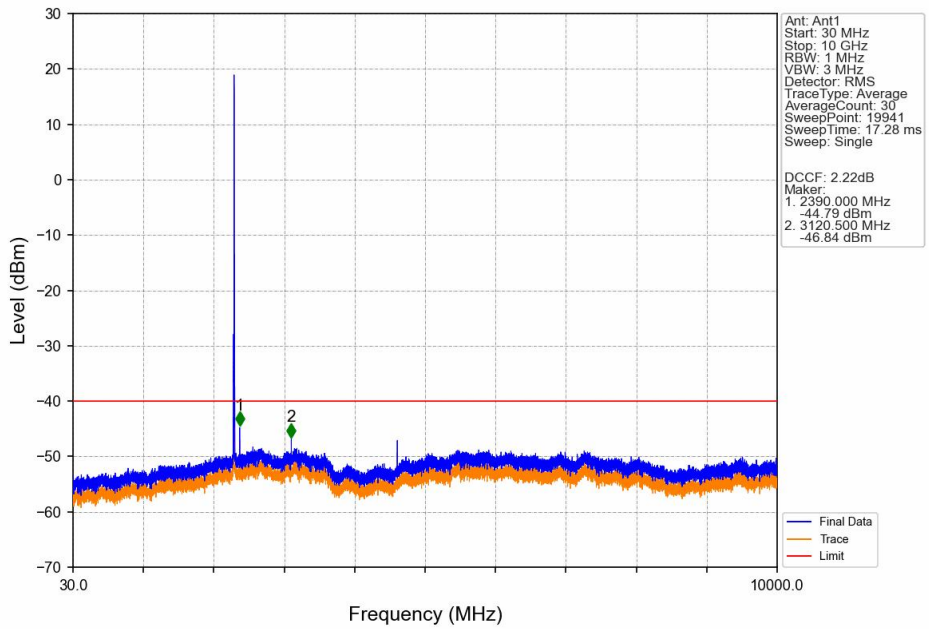
Band40a_5MHz_QPSK_MCH_2310MHz_RB_1_0_NTNV



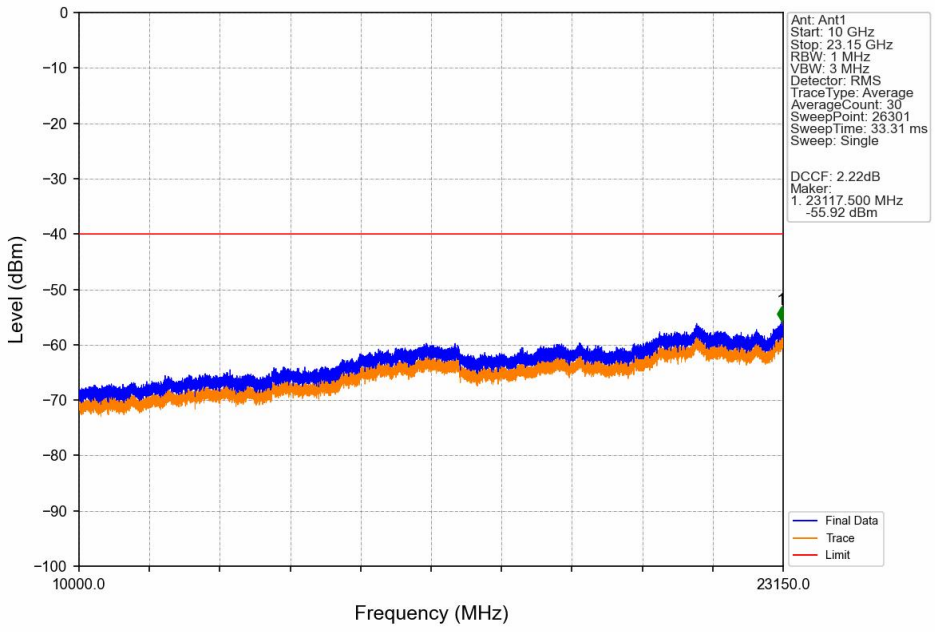
Band40a_5MHz_QPSK_MCH_2310MHz_RB_1_0_NTNV



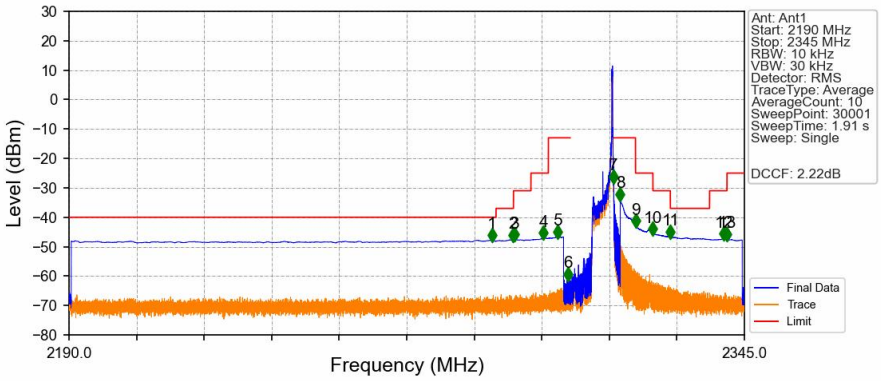
Band40a_5MHz_QPSK_HCH_2312.5MHz_RB_1_0_NTNV



Band40a_5MHz_QPSK_HCH_2312.5MHz_RB_1_0_NTNV

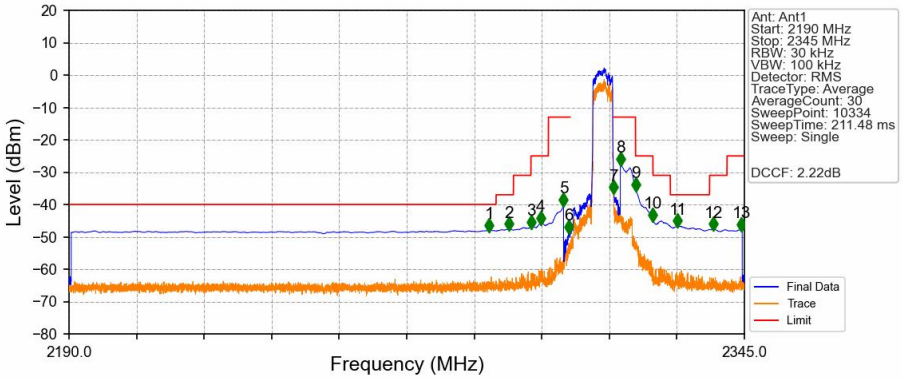


Band40a_5MHz_QPSK_HCH_2312.5MHz_RB_1_24_NTNV



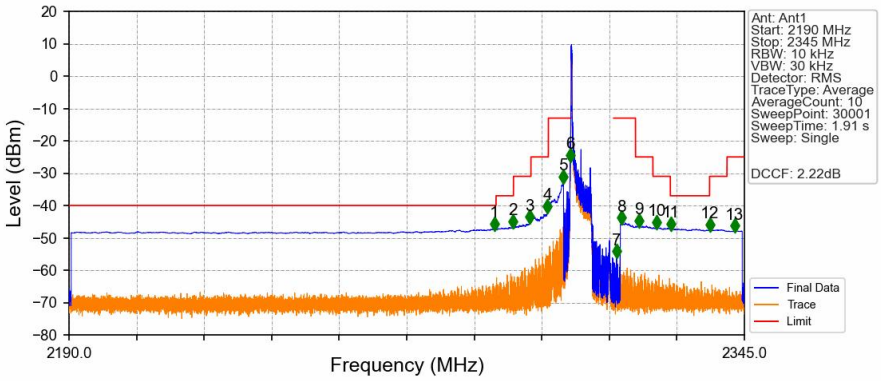
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	CHP	1	2287.066	-47.74	-40	Pass
2288	2292	1	CHP	2	2291.871	-47.69	-37	Pass
2292	2296	1	CHP	3	2292.279	-47.62	-31	Pass
2296	2300	1	CHP	4	2298.877	-47.05	-25	Pass
2300	2304	1	CHP	5	2302.039	-46.68	-13	Pass
2304	2305	0.01	/	6	2304.488	-61.10	-13	Pass
2305	2315	0.01	/	/	/	/	/	/
2315	2316	0.01	/	7	2315.008	-27.84	-13	Pass
2316	2320	1	CHP	8	2316.501	-33.88	-13	Pass
2320	2324	1	CHP	9	2320.004	-43.02	-25	Pass
2324	2328	1	CHP	10	2324.013	-45.69	-31	Pass
2328	2337	1	CHP	11	2328.002	-46.75	-37	Pass
2337	2341	1	CHP	12	2340.247	-47.36	-31	Pass
2341	2345	1	CHP	13	2341.042	-47.57	-25	Pass

Band40a_5MHz_QPSK_HCH_2312.5MHz_RB_25_0_NTNV



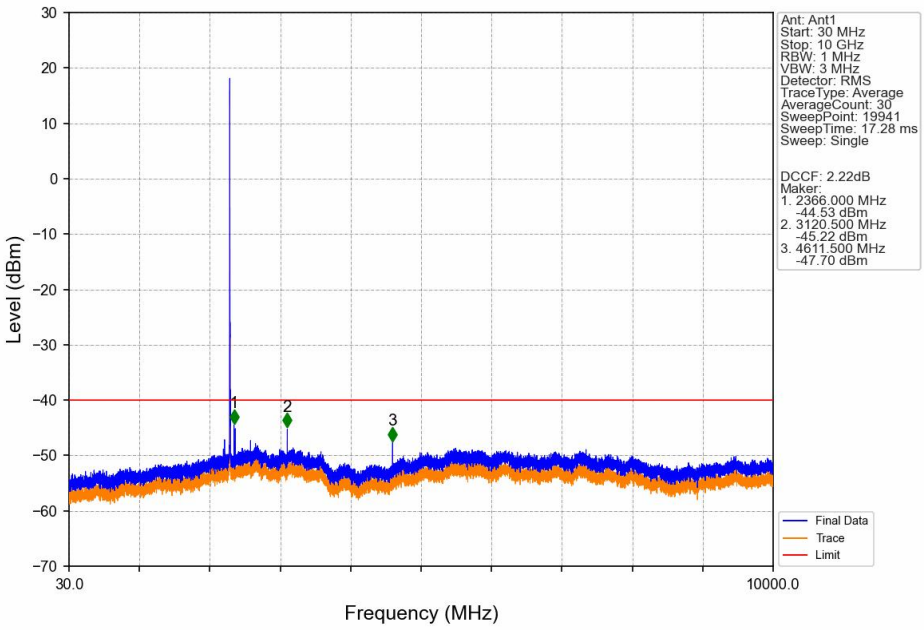
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	CHP	1	2286.408	-47.94	-40	Pass
2288	2292	1	CHP	2	2290.953	-47.58	-37	Pass
2292	2296	1	CHP	3	2295.993	-47.01	-31	Pass
2296	2300	1	CHP	4	2298.273	-45.74	-25	Pass
2300	2304	1	CHP	5	2303.494	-40.02	-13	Pass
2304	2305	0.054	CHP	6	2304.679	-48.54	-13	Pass
2305	2315	0.054	CHP	/	/	/	/	/
2315	2316	0.054	CHP	7	2315.014	-36.24	-13	Pass
2316	2320	1	CHP	8	2316.514	-27.48	-13	Pass
2320	2324	1	CHP	9	2320.009	-35.31	-25	Pass
2324	2328	1	CHP	10	2324.014	-44.80	-31	Pass
2328	2337	1	CHP	11	2329.700	-46.58	-37	Pass
2337	2341	1	CHP	12	2337.905	-47.62	-31	Pass
2341	2345	1	CHP	13	2344.310	-47.80	-25	Pass

Band40a_5MHz_16QAM_LCH_2307.5MHz_RB_1_0_NTNV

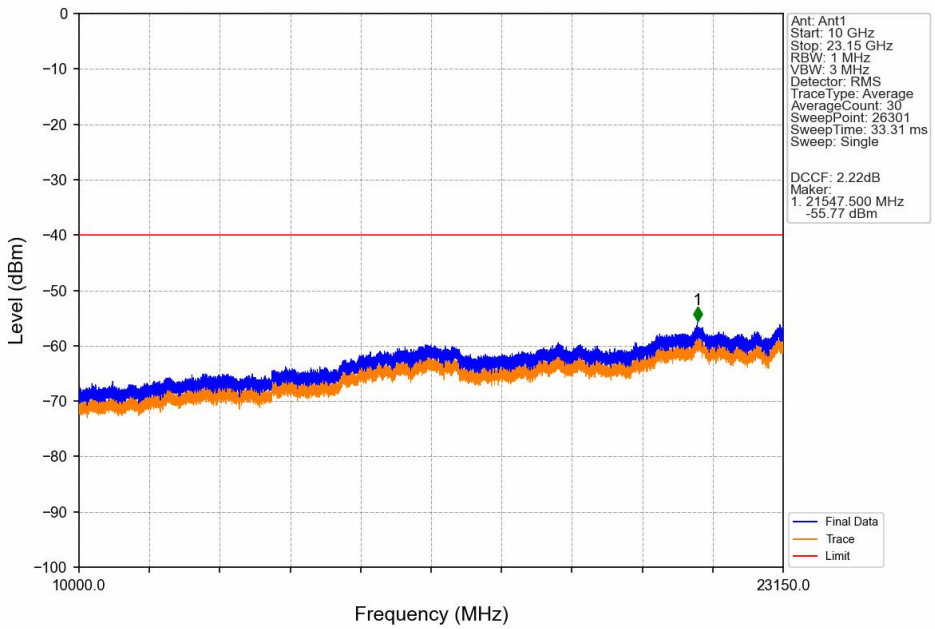


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	CHP	1	2287.660	-47.18	-40	Pass
2288	2292	1	CHP	2	2291.835	-46.54	-37	Pass
2292	2296	1	CHP	3	2295.756	-45.14	-31	Pass
2296	2300	1	CHP	4	2299.807	-41.83	-25	Pass
2300	2304	1	CHP	5	2303.445	-32.64	-13	Pass
2304	2305	0.01	/	6	2304.984	-26.05	-13	Pass
2305	2315	0.01	/	/	/	/	/	/
2315	2316	0.01	/	7	2315.674	-55.76	-13	Pass
2316	2320	1	CHP	8	2316.811	-45.36	-13	Pass
2320	2324	1	CHP	9	2320.856	-46.17	-25	Pass
2324	2328	1	CHP	10	2324.907	-46.81	-31	Pass
2328	2337	1	CHP	11	2328.151	-47.16	-37	Pass
2337	2341	1	CHP	12	2337.059	-47.52	-31	Pass
2341	2345	1	CHP	13	2342.727	-47.82	-25	Pass

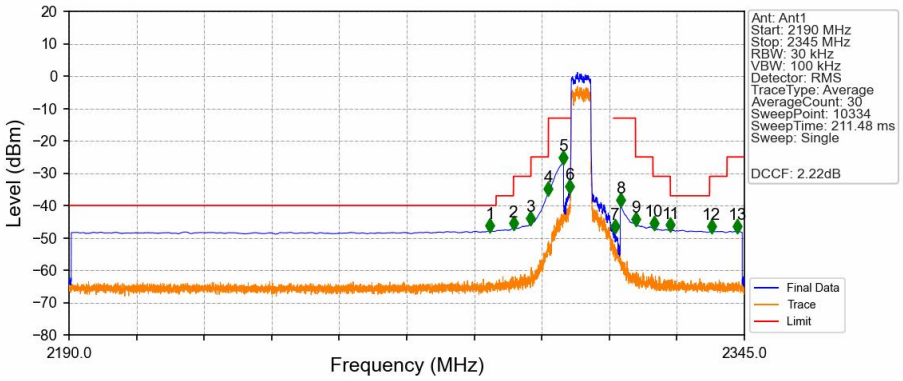
Band40a_5MHz_16QAM_LCH_2307.5MHz_RB_1_0_NTNV



Band40a_5MHz_16QAM_LCH_2307.5MHz_RB_1_0_NTNV

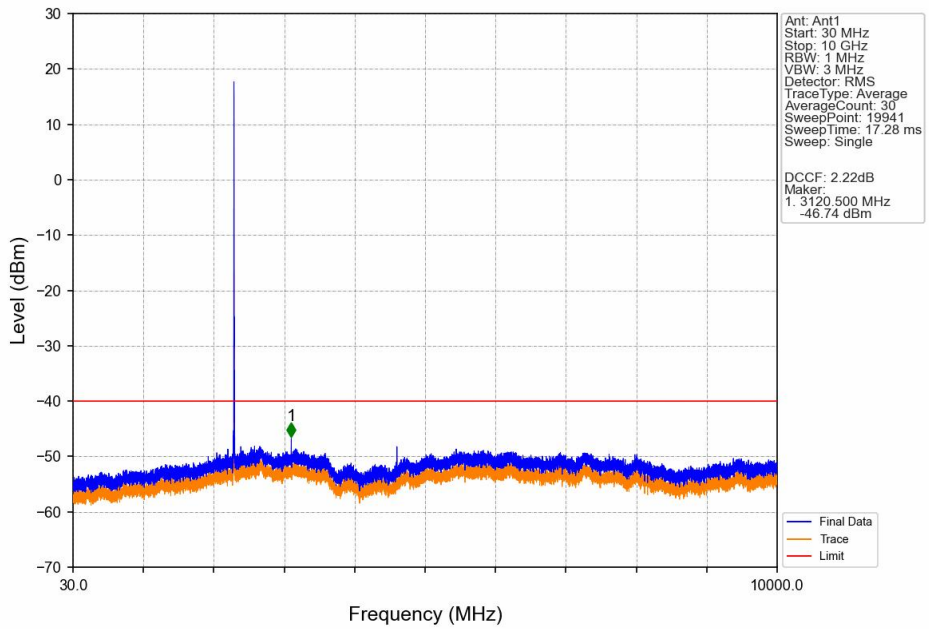


Band40a_5MHz_16QAM_LCH_2307.5MHz_RB_25_0_NTNV

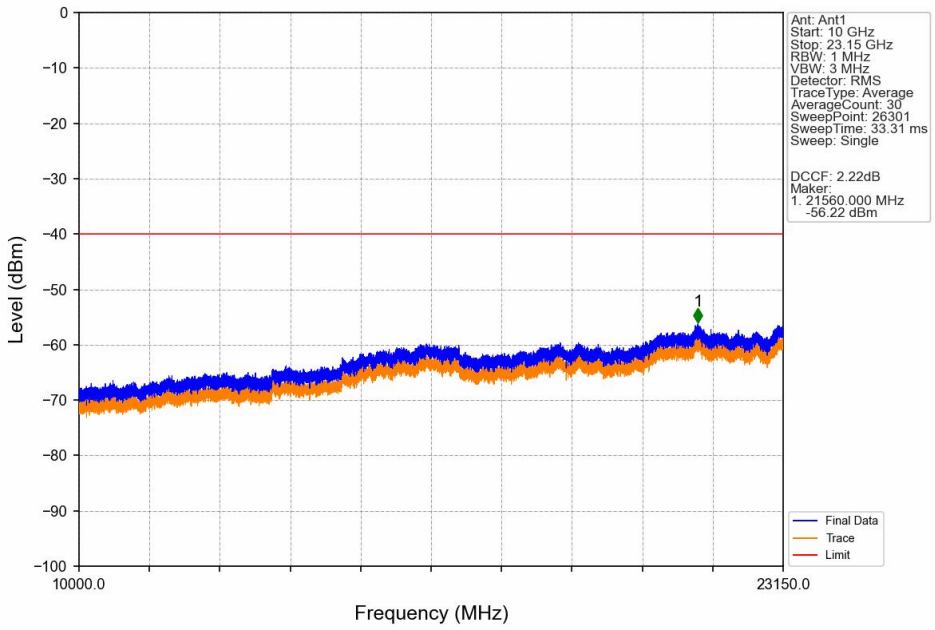


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	CHP	1	2286.573	-47.80	-40	Pass
2288	2292	1	CHP	2	2291.988	-47.08	-37	Pass
2292	2296	1	CHP	3	2295.978	-45.56	-31	Pass
2296	2300	1	CHP	4	2299.969	-36.44	-25	Pass
2300	2304	1	CHP	5	2303.404	-26.68	-13	Pass
2304	2305	0.058	CHP	6	2304.904	-35.60	-13	Pass
2305	2315	0.058	CHP	/	/	/	/	/
2315	2316	0.058	CHP	7	2315.254	-48.03	-13	Pass
2316	2320	1	CHP	8	2316.514	-39.75	-13	Pass
2320	2324	1	CHP	9	2320.024	-45.79	-25	Pass
2324	2328	1	CHP	10	2324.209	-47.00	-31	Pass
2328	2337	1	CHP	11	2328.049	-47.60	-37	Pass
2337	2341	1	CHP	12	2337.455	-47.98	-31	Pass
2341	2345	1	CHP	13	2343.335	-47.91	-25	Pass

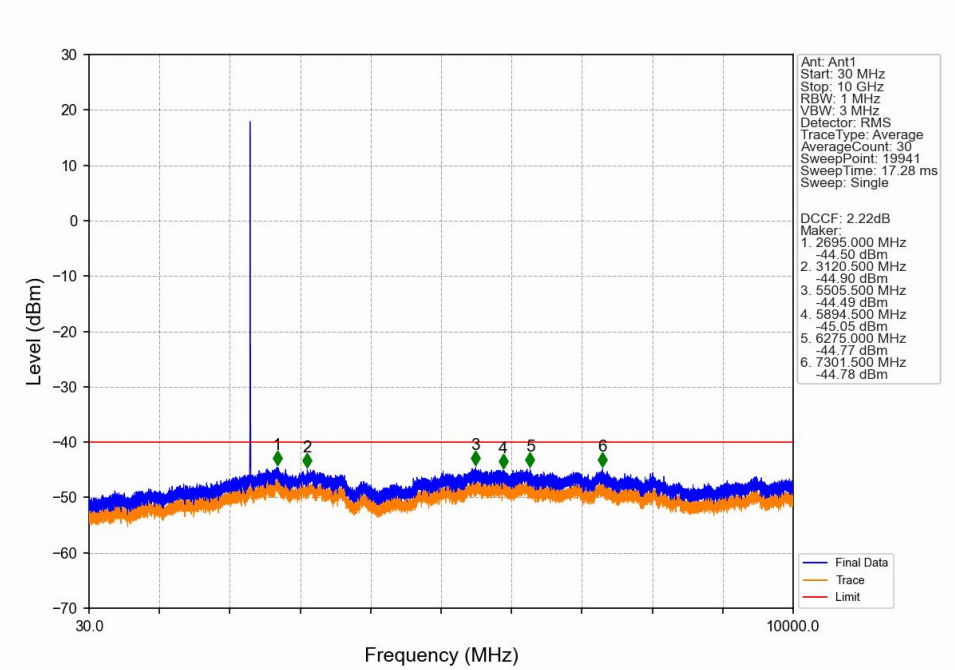
Band40a_5MHz_16QAM_MCH_2310MHz_RB_1_0_NTNV



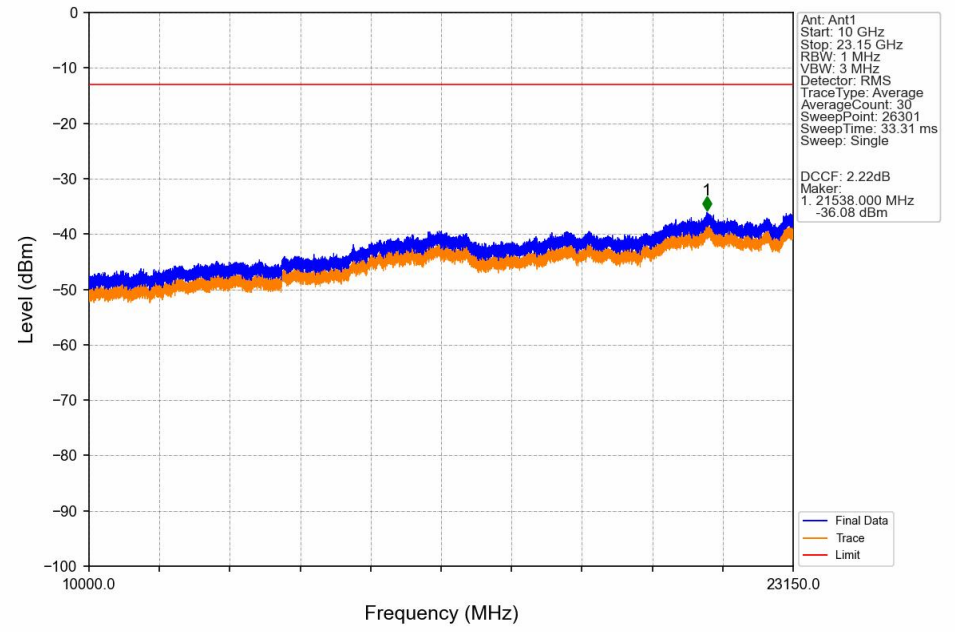
Band40a_5MHz_16QAM_MCH_2310MHz_RB_1_0_NTNV



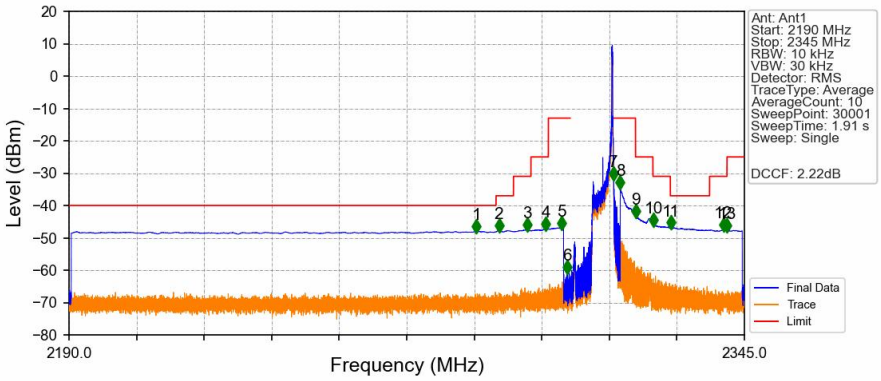
Band40a_5MHz_16QAM_HCH_2312.5MHz_RB_1_0_NTNV



Band40a_5MHz_16QAM_HCH_2312.5MHz_RB_1_0_NTNV

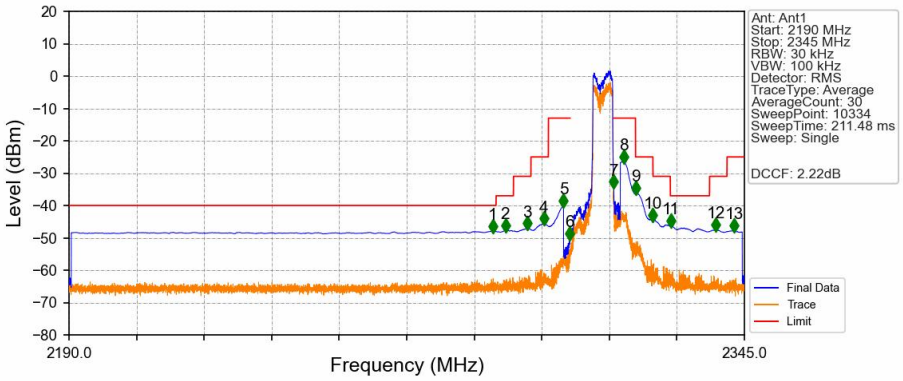


Band40a_5MHz_16QAM_HCH_2312.5MHz_RB_1_24_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	CHP	1	2283.501	-47.94	-40	Pass
2288	2292	1	CHP	2	2288.678	-47.77	-37	Pass
2292	2296	1	CHP	3	2295.100	-47.53	-31	Pass
2296	2300	1	CHP	4	2299.394	-47.22	-25	Pass
2300	2304	1	CHP	5	2303.041	-46.91	-13	Pass
2304	2305	0.01	/	6	2304.343	-60.53	-13	Pass
2305	2315	0.01	/	/	/	/	/	/
2315	2316	0.01	/	7	2315.002	-31.75	-13	Pass
2316	2320	1	CHP	8	2316.506	-34.44	-13	Pass
2320	2324	1	CHP	9	2320.014	-43.36	-25	Pass
2324	2328	1	CHP	10	2324.199	-46.08	-31	Pass
2328	2337	1	CHP	11	2328.146	-46.86	-37	Pass
2337	2341	1	CHP	12	2340.154	-47.56	-31	Pass
2341	2345	1	CHP	13	2341.022	-47.71	-25	Pass

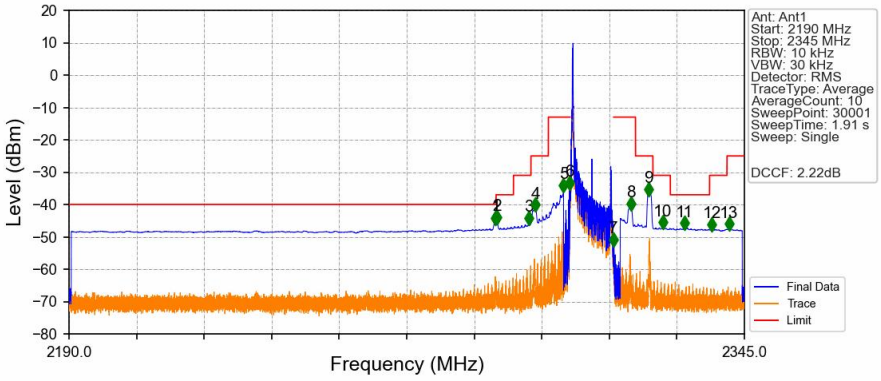
Band40a_5MHz_16QAM_HCH_2312.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	CHP	1	2287.218	-47.93	-40	Pass
2288	2292	1	CHP	2	2290.158	-47.70	-37	Pass
2292	2296	1	CHP	3	2295.093	-47.11	-31	Pass
2296	2300	1	CHP	4	2298.934	-45.64	-25	Pass
2300	2304	1	CHP	5	2303.494	-40.13	-13	Pass
2304	2305	0.051	CHP	6	2304.814	-50.11	-13	Pass
2305	2315	0.051	CHP	/	/	/	/	/
2315	2316	0.051	CHP	7	2315.014	-34.24	-13	Pass
2316	2320	1	CHP	8	2317.294	-26.41	-13	Pass
2320	2324	1	CHP	9	2320.069	-36.17	-25	Pass
2324	2328	1	CHP	10	2324.014	-44.46	-31	Pass
2328	2337	1	CHP	11	2328.064	-46.21	-37	Pass
2337	2341	1	CHP	12	2338.445	-47.47	-31	Pass
2341	2345	1	CHP	13	2342.705	-47.79	-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	2287.903	-45.67	-40	Pass
2288	2292	1	CHP	2	2288.182	-45.50	-37	Pass
2292	2296	1	CHP	3	2295.514	-45.83	-31	Pass
2296	2300	1	CHP	4	2297.059	-41.68	-25	Pass
2300	2304	1	CHP	5	2303.496	-35.59	-13	Pass
2304	2305	0.01	/	6	2304.834	-34.92	-13	Pass
2305	2315	0.01	/	/	/	/	/	/
2315	2316	0.01	/	7	2315.002	-52.45	-13	Pass
2316	2320	1	CHP	8	2318.929	-41.22	-13	Pass
2320	2324	1	CHP	9	2323.042	-36.90	-25	Pass
2324	2328	1	CHP	10	2326.286	-47.09	-31	Pass
2328	2337	1	CHP	11	2331.184	-47.34	-37	Pass
2337	2341	1	CHP	12	2337.550	-47.69	-31	Pass
2341	2345	1	CHP	13	2341.461	-47.62	-25	Pass

Band40a_10MHz_QPSK_LCH_2310MHz_RB_1_0_NTNV