1. Effective (Isotropic) Radiated Power Output Data

1.1 B40a_5MHz_EIRP

1.1.1 Test Result

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	19.14	3.47	22.61	<=23.98	Pass
			13	19.80	3.47	23.27	<=23.98	Pass
			24	18.94	3.47	22.41	<=23.98	Pass
		12	0	18.56	3.47	22.03	<=23.98	Pass
			6	18.90	3.47	22.37	<=23.98	Pass
			13	18.47	3.47	21.94	<=23.98	Pass
		25	0	18.53	3.47	22.00	<=23.98	Pass
	2310	1	0	19.00	3.47	22.47	<=23.98	Pass
			13	19.54	3.47	23.01	<=23.98	Pass
			24	18.60	3.47	22.07	<=23.98	Pass
		12	0	18.33	3.47	21.80	<=23.98	Pass
			6	18.65	3.47	22.12	<=23.98	Pass
			13	18.21	3.47	21.68	<=23.98	Pass
		25	0	18.26	3.47	21.73	<=23.98	Pass
	2312.5	1	0	18.89	3.47	22.36	<=23.98	Pass
			13	19.27	3.47	22.74	<=23.98	Pass
			24	18.25	3.47	21.72	<=23.98	Pass
		12	0	18.10	3.47	21.57	<=23.98	Pass
			6	18.37	3.47	21.84	<=23.98	Pass
			13	17.90	3.47	21.37	<=23.98	Pass
		25	0	18.00	3.47	21.47	<=23.98	Pass
16QAM	2307.5	1	0	18.09	3.47	21.56	<=23.98	Pass
			13	18.74	3.47	22.21	<=23.98	Pass
			24	17.87	3.47	21.34	<=23.98	Pass
		12	0	17.45	3.47	20.92	<=23.98	Pass
			6	17.86	3.47	21.33	<=23.98	Pass
			13	17.37	3.47	20.84	<=23.98	Pass
		25	0	17.48	3.47	20.95	<=23.98	Pass
	2310	1	0	17.89	3.47	21.36	<=23.98	Pass
			13	18.48	3.47	21.95	<=23.98	Pass
			24	17.64	3.47	21.11	<=23.98	Pass
		12	0	17.32	3.47	20.79	<=23.98	Pass
			6	17.69	3.47	21.16	<=23.98	Pass
			13	17.10	3.47	20.57	<=23.98	Pass
		25	0	17.22	3.47	20.69	<=23.98	Pass
	2312.5	1	0	17.77	3.47	21.24	<=23.98	Pass
			13	18.48	3.47	21.95	<=23.98	Pass
			24	17.28	3.47	20.75	<=23.98	Pass
		12	0	17.08	3.47	20.55	<=23.98	Pass
			6	17.34	3.47	20.81	<=23.98	Pass
			13	16.79	3.47	20.26	<=23.98	Pass
		25	0	16.98	3.47	20.45	<=23.98	Pass
64QAM	2307.5	1	0	17.27	3.47	20.74	<=23.98	Pass
			13	17.62	3.47	21.09	<=23.98	Pass
			24	17.16	3.47	20.63	<=23.98	Pass
		12	0	16.47	3.47	19.94	<=23.98	Pass
			6	16.77	3.47	20.24	<=23.98	Pass

			13	16.43	3.47	19.90	<=23.98	Pass
		25	0	16.29	3.47	19.76	<=23.98	Pass
	2310	1	0	17.01	3.47	20.48	<=23.98	Pass
			13	17.33	3.47	20.80	<=23.98	Pass
			24	16.65	3.47	20.12	<=23.98	Pass
		12	0	16.27	3.47	19.74	<=23.98	Pass
			6	16.57	3.47	20.04	<=23.98	Pass
			13	16.07	3.47	19.54	<=23.98	Pass
		25	0	16.19	3.47	19.66	<=23.98	Pass
	2312.5	1	0	16.68	3.47	20.15	<=23.98	Pass
			13	16.85	3.47	20.32	<=23.98	Pass
			24	16.17	3.47	19.64	<=23.98	Pass
		12	0	16.06	3.47	19.53	<=23.98	Pass
			6	16.40	3.47	19.87	<=23.98	Pass
			13	15.72	3.47	19.19	<=23.98	Pass
		25	0	15.92	3.47	19.39	<=23.98	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.2 B40a_10MHz_EIRP

1.2.1 Test Result

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	19.27	3.47	22.74	<=23.98	Pass
			25	19.50	3.47	22.97	<=23.98	Pass
			49	18.53	3.47	22.00	<=23.98	Pass
		25	0	18.44	3.47	21.91	<=23.98	Pass
			13	18.55	3.47	22.02	<=23.98	Pass
			25	18.11	3.47	21.58	<=23.98	Pass
		50	0	18.23	3.47	21.70	<=23.98	Pass
16QAM	2310	1	0	18.30	3.47	21.77	<=23.98	Pass
			25	18.40	3.47	21.87	<=23.98	Pass
			49	17.62	3.47	21.09	<=23.98	Pass
		25	0	17.37	3.47	20.84	<=23.98	Pass
			13	17.48	3.47	20.95	<=23.98	Pass
			25	17.11	3.47	20.58	<=23.98	Pass
		50	0	17.20	3.47	20.67	<=23.98	Pass
64QAM	2310	1	0	16.75	3.47	20.22	<=23.98	Pass
			25	17.07	3.47	20.54	<=23.98	Pass
			49	16.62	3.47	20.09	<=23.98	Pass
		25	0	16.34	3.47	19.81	<=23.98	Pass
			13	16.50	3.47	19.97	<=23.98	Pass
			25	15.91	3.47	19.38	<=23.98	Pass
		50	0	16.19	3.47	19.66	<=23.98	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

2. Frequency Stability

2.1 B40a_5MHz

2.1.1 Test Result

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	6.12	12.317	0.0053	-2.5 to 2.5	Pass
					7.20	3.963	0.0017	-2.5 to 2.5	Pass
					8.28	4.535	0.0020	-2.5 to 2.5	Pass
				-30	7.20	13.862	0.0060	-2.5 to 2.5	Pass
				-20	7.20	4.435	0.0019	-2.5 to 2.5	Pass
				-10	7.20	13.404	0.0058	-2.5 to 2.5	Pass
				0	7.20	12.631	0.0055	-2.5 to 2.5	Pass
				10	7.20	3.819	0.0017	-2.5 to 2.5	Pass
				30	7.20	5.364	0.0023	-2.5 to 2.5	Pass
				40	7.20	14.448	0.0063	-2.5 to 2.5	Pass
				50	7.20	13.447	0.0058	-2.5 to 2.5	Pass
	2310	25	0	20	6.12	-1.831	-0.0008	-2.5 to 2.5	Pass
					7.20	-0.958	-0.0004	-2.5 to 2.5	Pass
					8.28	-1.287	-0.0006	-2.5 to 2.5	Pass
				-30	7.20	6.194	0.0027	-2.5 to 2.5	Pass
				-20	7.20	6.566	0.0028	-2.5 to 2.5	Pass
				-10	7.20	-2.346	-0.0010	-2.5 to 2.5	Pass
				0	7.20	-2.360	-0.0010	-2.5 to 2.5	Pass
				10	7.20	-1.616	-0.0007	-2.5 to 2.5	Pass
				30	7.20	7.181	0.0031	-2.5 to 2.5	Pass
				40	7.20	-2.403	-0.0010	-2.5 to 2.5	Pass
				50	7.20	-3.190	-0.0014	-2.5 to 2.5	Pass
	2312.5	25	0	20	6.12	10.886	0.0047	-2.5 to 2.5	Pass
					7.20	3.719	0.0016	-2.5 to 2.5	Pass
					8.28	3.276	0.0014	-2.5 to 2.5	Pass
				-30	7.20	4.449	0.0019	-2.5 to 2.5	Pass
				-20	7.20	11.516	0.0050	-2.5 to 2.5	Pass
				-10	7.20	11.930	0.0052	-2.5 to 2.5	Pass
				0	7.20	14.362	0.0062	-2.5 to 2.5	Pass
				10	7.20	2.847	0.0012	-2.5 to 2.5	Pass
				30	7.20	2.918	0.0013	-2.5 to 2.5	Pass
				40	7.20	13.690	0.0059	-2.5 to 2.5	Pass
				50	7.20	3.605	0.0016	-2.5 to 2.5	Pass
16QAM	2307.5	25	0	20	6.12	1.016	0.0004	-2.5 to 2.5	Pass
					7.20	6.208	0.0027	-2.5 to 2.5	Pass
					8.28	1.330	0.0006	-2.5 to 2.5	Pass
				-30	7.20	0.486	0.0002	-2.5 to 2.5	Pass
				-20	7.20	5.450	0.0024	-2.5 to 2.5	Pass
				-10	7.20	6.351	0.0028	-2.5 to 2.5	Pass
				0	7.20	5.422	0.0023	-2.5 to 2.5	Pass
				10	7.20	7.138	0.0031	-2.5 to 2.5	Pass
				30	7.20	7.567	0.0033	-2.5 to 2.5	Pass
				40	7.20	5.636	0.0024	-2.5 to 2.5	Pass
				50	7.20	7.181	0.0031	-2.5 to 2.5	Pass
	2310	25	0	20	6.12	-1.473	-0.0006	-2.5 to 2.5	Pass
					7.20	-3.419	-0.0015	-2.5 to 2.5	Pass
					8.28	-2.789	-0.0012	-2.5 to 2.5	Pass

				-30	7.20	-3.219	-0.0014	-2.5 to 2.5	Pass
				-20	7.20	-1.116	-0.0005	-2.5 to 2.5	Pass
				-10	7.20	0.043	0.0000	-2.5 to 2.5	Pass
				0	7.20	-2.389	-0.0010	-2.5 to 2.5	Pass
				10	7.20	-0.443	-0.0002	-2.5 to 2.5	Pass
				30	7.20	-2.747	-0.0012	-2.5 to 2.5	Pass
				40	7.20	-2.804	-0.0012	-2.5 to 2.5	Pass
				50	7.20	1.431	0.0006	-2.5 to 2.5	Pass
	2312.5	25	0	20	6.12	0.215	0.0001	-2.5 to 2.5	Pass
					7.20	-0.558	-0.0002	-2.5 to 2.5	Pass
					8.28	2.403	0.0010	-2.5 to 2.5	Pass
				-30	7.20	2.961	0.0013	-2.5 to 2.5	Pass
				-20	7.20	3.548	0.0015	-2.5 to 2.5	Pass
				-10	7.20	1.402	0.0006	-2.5 to 2.5	Pass
				0	7.20	4.549	0.0020	-2.5 to 2.5	Pass
				10	7.20	1.345	0.0006	-2.5 to 2.5	Pass
				30	7.20	3.548	0.0015	-2.5 to 2.5	Pass
				40	7.20	4.163	0.0018	-2.5 to 2.5	Pass
				50	7.20	4.692	0.0020	-2.5 to 2.5	Pass
64QAM	2307.5	25	0	20	6.12	11.258	0.0049	-2.5 to 2.5	Pass
					7.20	3.190	0.0014	-2.5 to 2.5	Pass
					8.28	16.966	0.0074	-2.5 to 2.5	Pass
				-30	7.20	2.146	0.0009	-2.5 to 2.5	Pass
				-20	7.20	13.647	0.0059	-2.5 to 2.5	Pass
				-10	7.20	2.732	0.0012	-2.5 to 2.5	Pass
				0	7.20	14.076	0.0061	-2.5 to 2.5	Pass
				10	7.20	15.879	0.0069	-2.5 to 2.5	Pass
				30	7.20	0.229	0.0001	-2.5 to 2.5	Pass
				40	7.20	1.845	0.0008	-2.5 to 2.5	Pass
				50	7.20	2.203	0.0010	-2.5 to 2.5	Pass
	2310	25	0	20	6.12	7.725	0.0033	-2.5 to 2.5	Pass
					7.20	7.124	0.0031	-2.5 to 2.5	Pass
					8.28	-2.789	-0.0012	-2.5 to 2.5	Pass
				-30	7.20	-2.232	-0.0010	-2.5 to 2.5	Pass
				-20	7.20	5.536	0.0024	-2.5 to 2.5	Pass
				-10	7.20	-1.230	-0.0005	-2.5 to 2.5	Pass
				0	7.20	-3.805	-0.0016	-2.5 to 2.5	Pass
				10	7.20	0.300	0.0001	-2.5 to 2.5	Pass
				30	7.20	8.383	0.0036	-2.5 to 2.5	Pass
				40	7.20	9.227	0.0040	-2.5 to 2.5	Pass
				50	7.20	-4.134	-0.0018	-2.5 to 2.5	Pass
	2312.5	25	0	20	6.12	13.561	0.0059	-2.5 to 2.5	Pass
					7.20	15.464	0.0067	-2.5 to 2.5	Pass
					8.28	6.037	0.0026	-2.5 to 2.5	Pass
				-30	7.20	13.475	0.0058	-2.5 to 2.5	Pass
				-20	7.20	6.065	0.0026	-2.5 to 2.5	Pass
				-10	7.20	13.189	0.0057	-2.5 to 2.5	Pass
				0	7.20	15.135	0.0065	-2.5 to 2.5	Pass
				10	7.20	13.247	0.0057	-2.5 to 2.5	Pass
				30	7.20	15.192	0.0066	-2.5 to 2.5	Pass
				40	7.20	2.031	0.0009	-2.5 to 2.5	Pass
				50	7.20	13.275	0.0057	-2.5 to 2.5	Pass

2.2 B40a_10MHz

2.2.1 Test Result

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	6.12	5.236	0.0023	-2.5 to 2.5	Pass
					7.20	-0.200	-0.0001	-2.5 to 2.5	Pass
					8.28	4.978	0.0022	-2.5 to 2.5	Pass
				-30	7.20	-3.133	-0.0014	-2.5 to 2.5	Pass
				-20	7.20	6.065	0.0026	-2.5 to 2.5	Pass
				-10	7.20	7.310	0.0032	-2.5 to 2.5	Pass
				0	7.20	-2.089	-0.0009	-2.5 to 2.5	Pass
				10	7.20	5.822	0.0025	-2.5 to 2.5	Pass
				30	7.20	6.022	0.0026	-2.5 to 2.5	Pass
				40	7.20	0.730	0.0003	-2.5 to 2.5	Pass
				50	7.20	6.866	0.0030	-2.5 to 2.5	Pass
16QAM	2310	50	0	20	6.12	-1.745	-0.0008	-2.5 to 2.5	Pass
					7.20	-2.890	-0.0013	-2.5 to 2.5	Pass
					8.28	-4.277	-0.0019	-2.5 to 2.5	Pass
				-30	7.20	-3.018	-0.0013	-2.5 to 2.5	Pass
				-20	7.20	-6.809	-0.0029	-2.5 to 2.5	Pass
				-10	7.20	-2.246	-0.0010	-2.5 to 2.5	Pass
				0	7.20	-5.064	-0.0022	-2.5 to 2.5	Pass
				10	7.20	-7.482	-0.0032	-2.5 to 2.5	Pass
				30	7.20	-4.778	-0.0021	-2.5 to 2.5	Pass
				40	7.20	-2.589	-0.0011	-2.5 to 2.5	Pass
				50	7.20	-4.764	-0.0021	-2.5 to 2.5	Pass
64QAM	2310	50	0	20	6.12	-4.921	-0.0021	-2.5 to 2.5	Pass
					7.20	5.565	0.0024	-2.5 to 2.5	Pass
					8.28	6.237	0.0027	-2.5 to 2.5	Pass
				-30	7.20	-4.878	-0.0021	-2.5 to 2.5	Pass
				-20	7.20	5.379	0.0023	-2.5 to 2.5	Pass
				-10	7.20	-5.994	-0.0026	-2.5 to 2.5	Pass
				0	7.20	8.011	0.0035	-2.5 to 2.5	Pass
				10	7.20	4.148	0.0018	-2.5 to 2.5	Pass
				30	7.20	-2.675	-0.0012	-2.5 to 2.5	Pass
				40	7.20	-4.749	-0.0021	-2.5 to 2.5	Pass
				50	7.20	6.666	0.0029	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Band40a_OBW

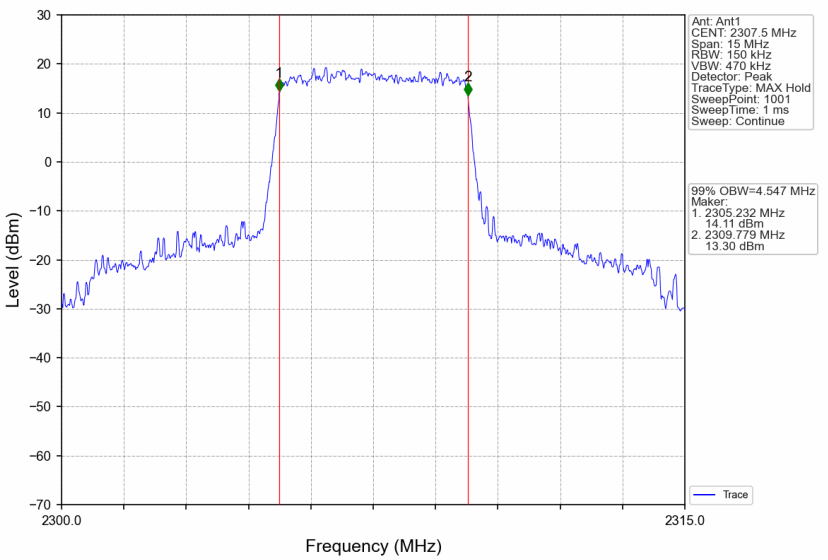
3.1.1 Test Result

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	4.547	/	Pass
		2310	25	0	4.555	/	Pass
		2312.5	25	0	4.554	/	Pass
	16QAM	2307.5	25	0	4.552	/	Pass

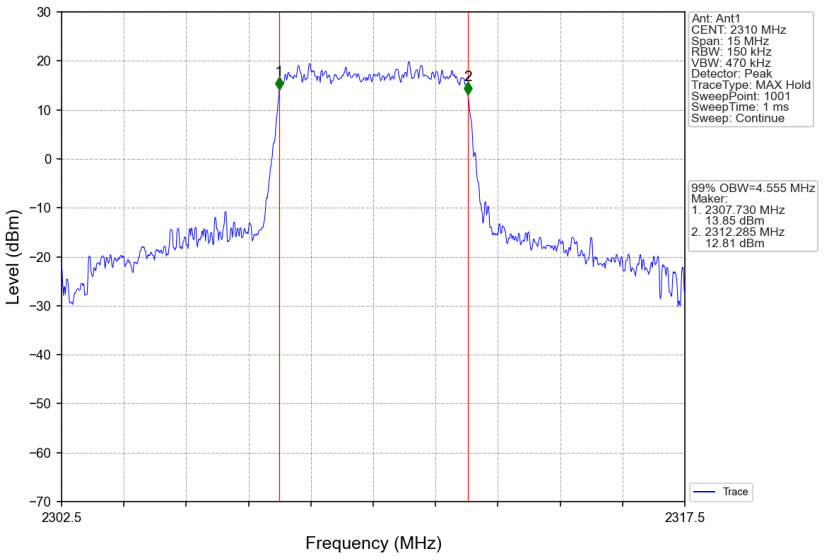
		2310	25	0	4.567	/	Pass
		2312.5	25	0	4.566	/	Pass
	64QAM	2307.5	25	0	4.543	/	Pass
		2310	25	0	4.544	/	Pass
		2312.5	25	0	4.552	/	Pass
10	QPSK	2310	50	0	9.063	/	Pass
	16QAM	2310	50	0	9.048	/	Pass
	64QAM	2310	50	0	9.009	/	Pass

3.1.2 Test Graph

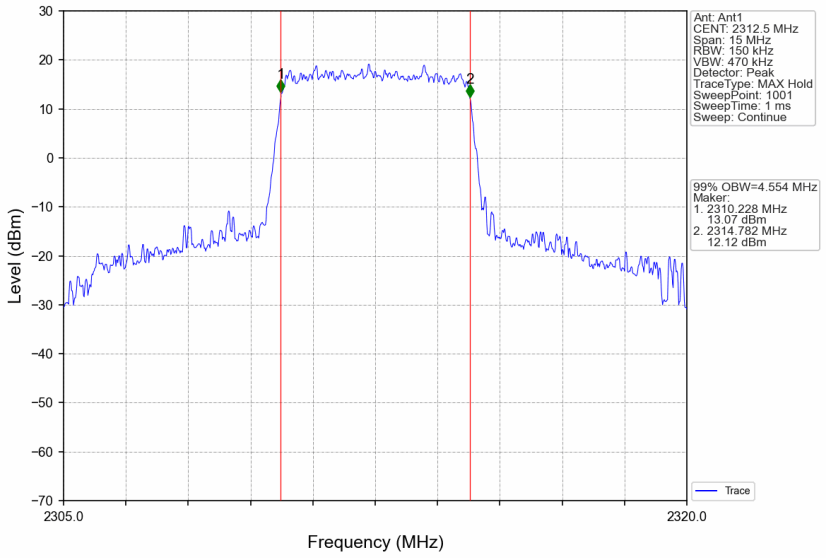
Band40a_5MHz_QPSK_LCH_2307.5MHz_RB_25_0_NTNV



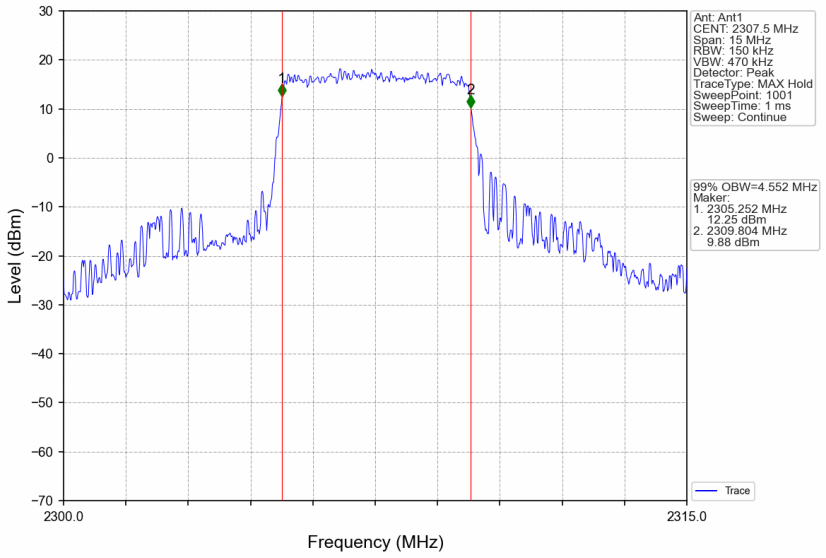
Band40a_5MHz_QPSK_MCH_2310MHz_RB_25_0_NTNV



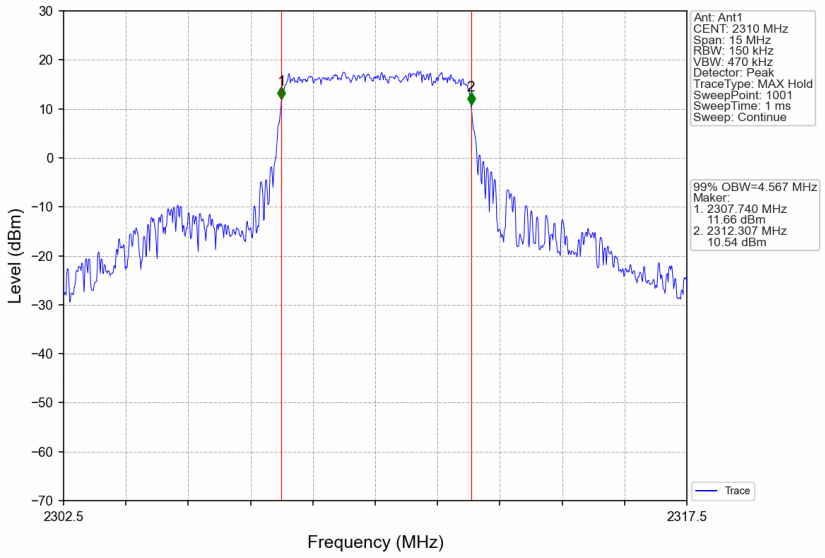
Band40a_5MHz_QPSK_HCH_2312.5MHz_RB_25_0_NTNV



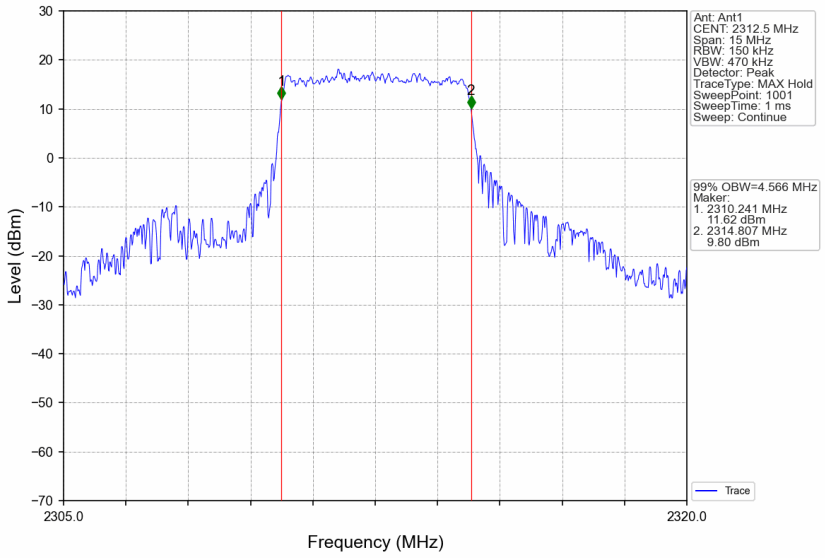
Band40a_5MHz_16QAM_LCH_2307.5MHz_RB_25_0_NTNV



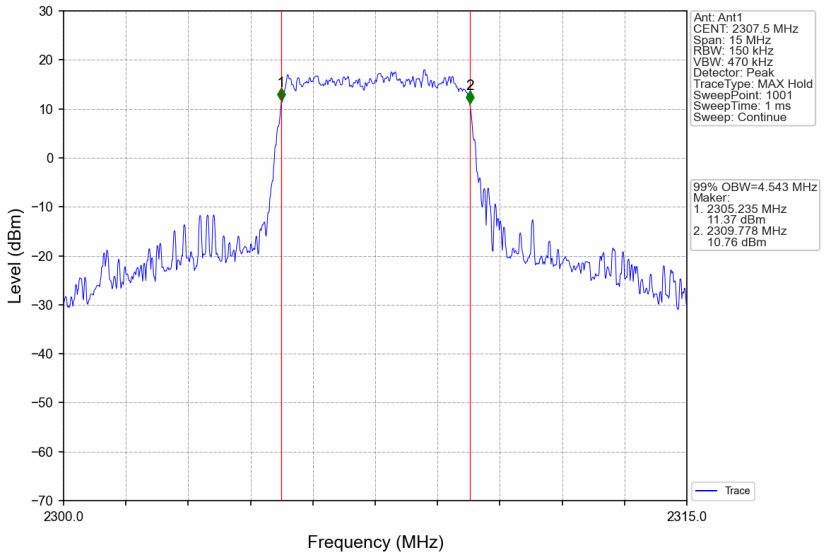
Band40a_5MHz_16QAM_MCH_2310MHz_RB_25_0_NTNV



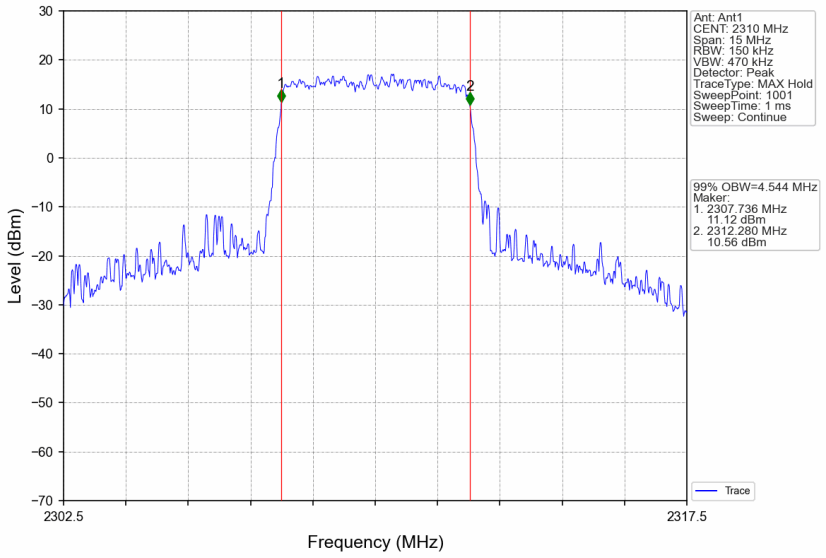
Band40a_5MHz_16QAM_HCH_2312.5MHz_RB_25_0_NTNV



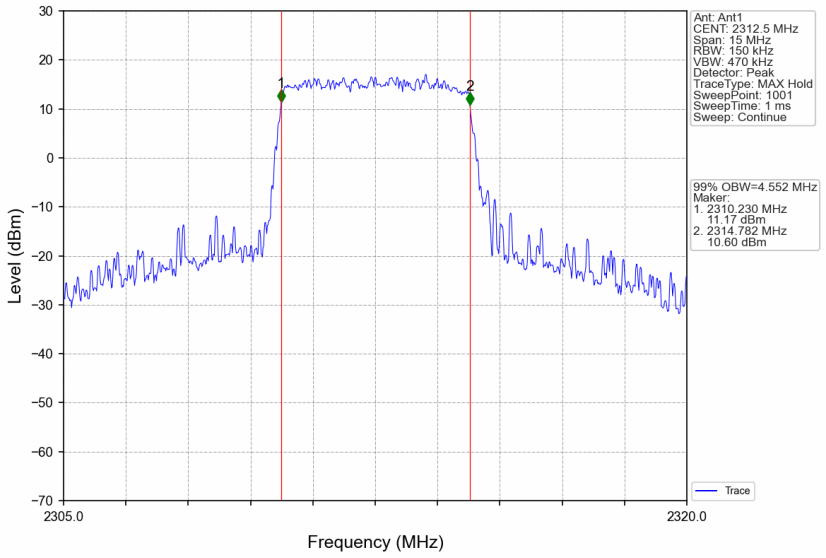
Band40a_5MHz_64QAM_LCH_2307.5MHz_RB_25_0_NTNV



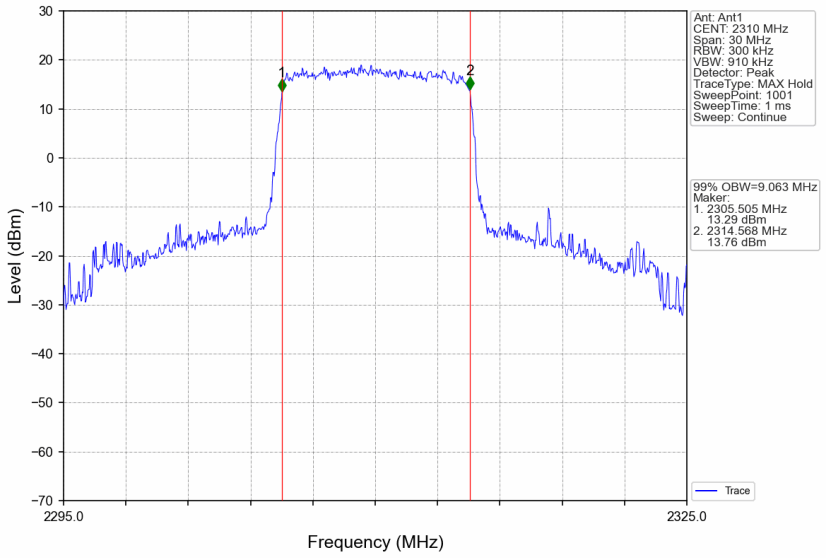
Band40a_5MHz_64QAM_MCH_2310MHz_RB_25_0_NTNV



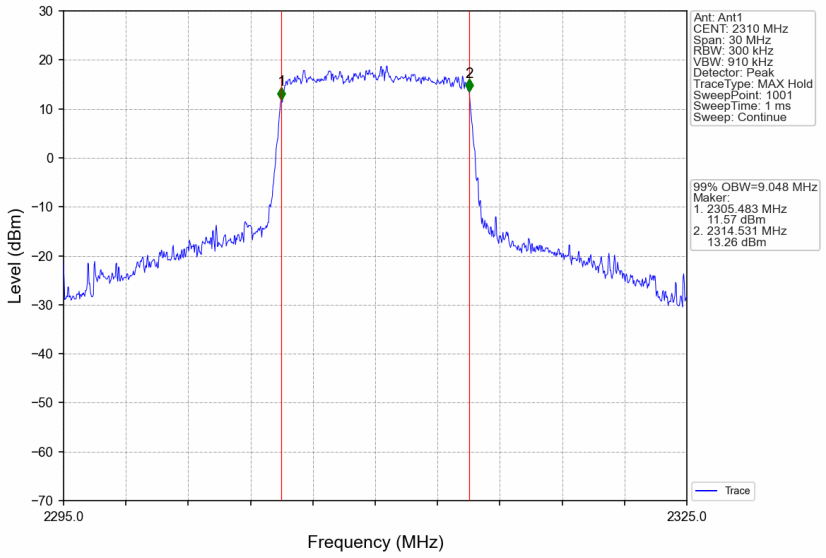
Band40a_5MHz_64QAM_HCH_2312.5MHz_RB_25_0_NTNV



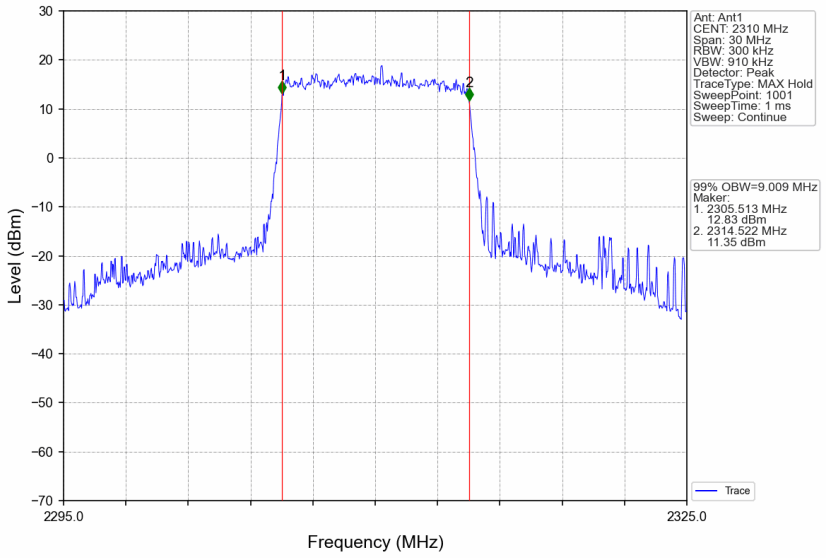
Band40a_10MHz_QPSK_MCH_2310MHz_RB_50_0_NTNV



Band40a_10MHz_16QAM_MCH_2310MHz_RB_50_0_NTNV



Band40a_10MHz_64QAM_MCH_2310MHz_RB_50_0_NTNV



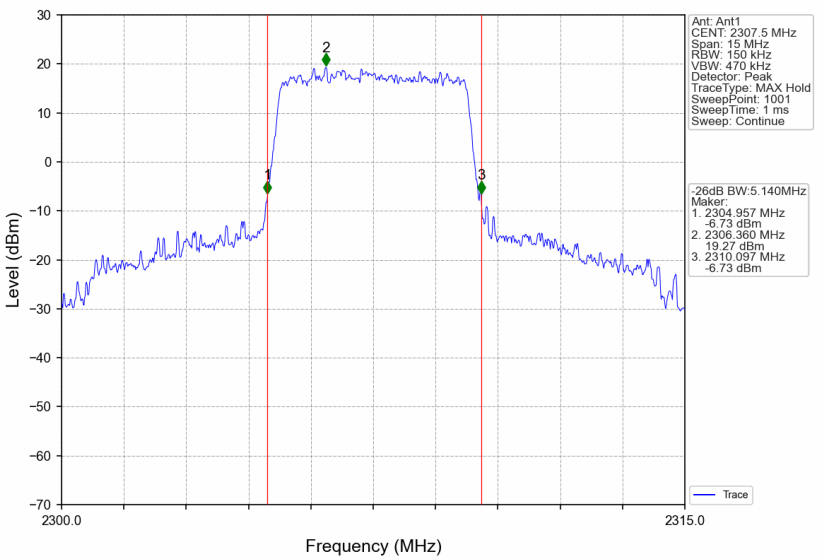
4. Band40a_XDB

4.1.1 Test Result

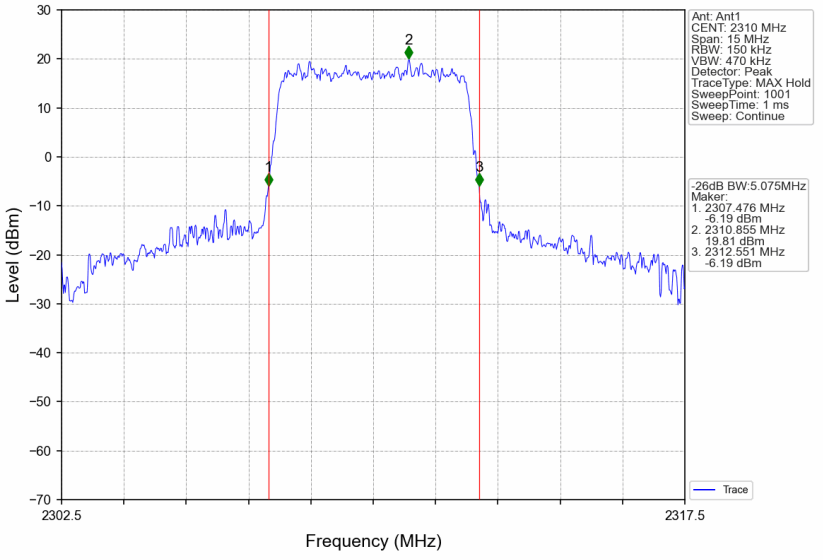
Band: 40a / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2307.5	25	0	5.140	/	Pass
		2310	25	0	5.075	/	Pass
		2312.5	25	0	5.073	/	Pass
	16QAM	2307.5	25	0	6.097	/	Pass
		2310	25	0	6.142	/	Pass
		2312.5	25	0	6.201	/	Pass
	64QAM	2307.5	25	0	5.272	/	Pass
		2310	25	0	5.185	/	Pass
		2312.5	25	0	5.406	/	Pass
10	QPSK	2310	50	0	9.932	/	Pass
	16QAM	2310	50	0	9.917	/	Pass
	64QAM	2310	50	0	9.964	/	Pass

4.1.2 Test Graph

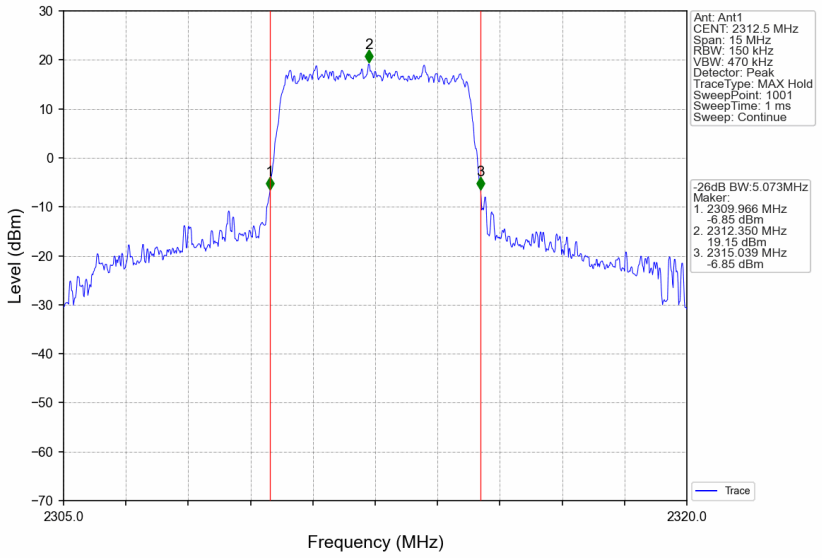
Band40a_5MHz_QPSK_LCH_2307.5MHz_RB_25_0_NTNV



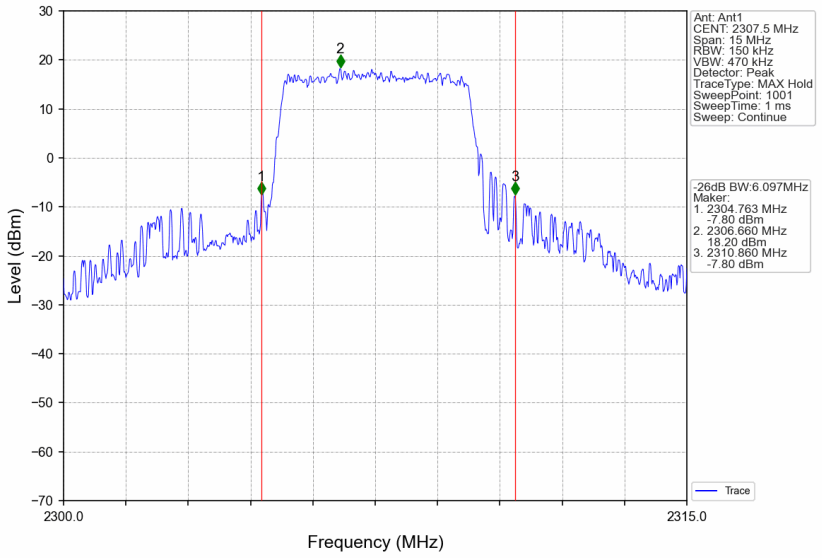
Band40a_5MHz_QPSK_MCH_2310MHz_RB_25_0_NTNV



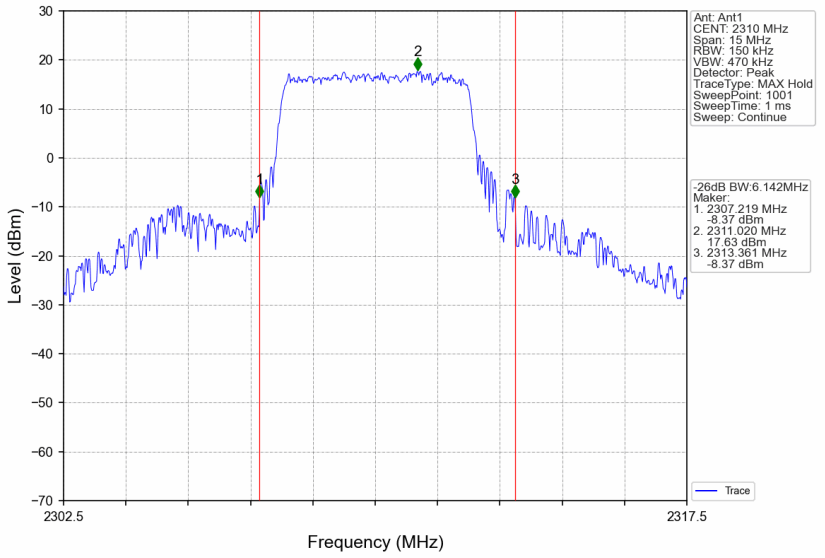
Band40a_5MHz_QPSK_HCH_2312.5MHz_RB_25_0_NTNV



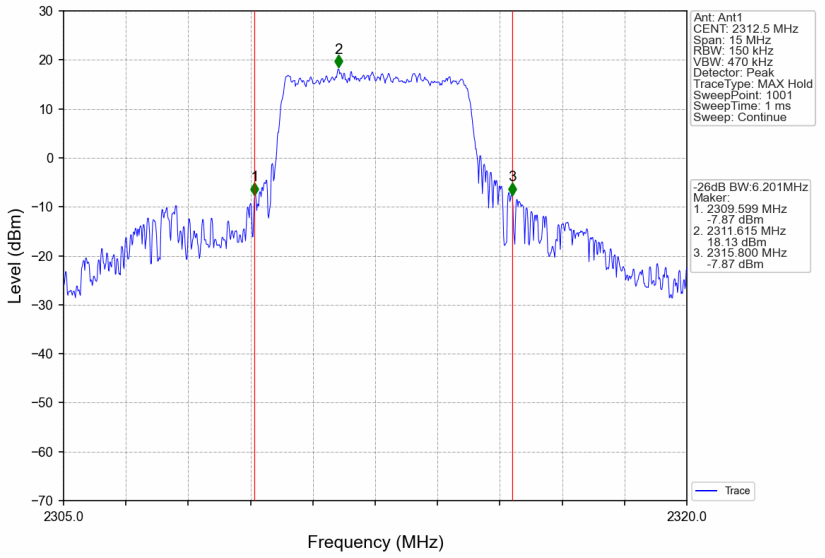
Band40a_5MHz_16QAM_LCH_2307.5MHz_RB_25_0_NTNV



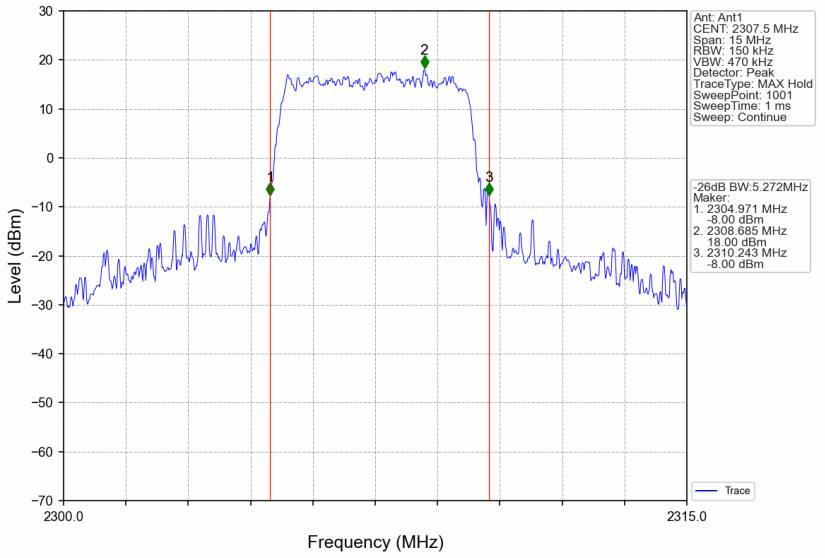
Band40a_5MHz_16QAM_MCH_2310MHz_RB_25_0_NTNV



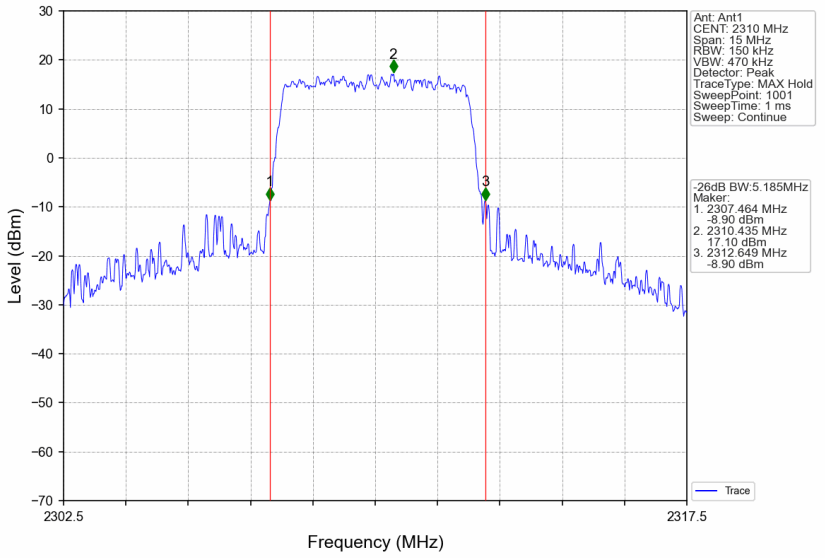
Band40a_5MHz_16QAM_HCH_2312.5MHz_RB_25_0_NTNV



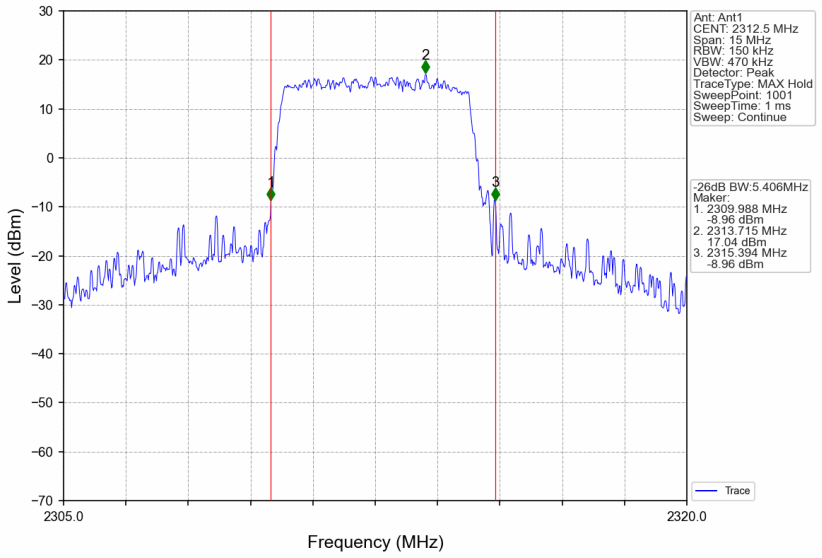
Band40a_5MHz_64QAM_LCH_2307.5MHz_RB_25_0_NTNV



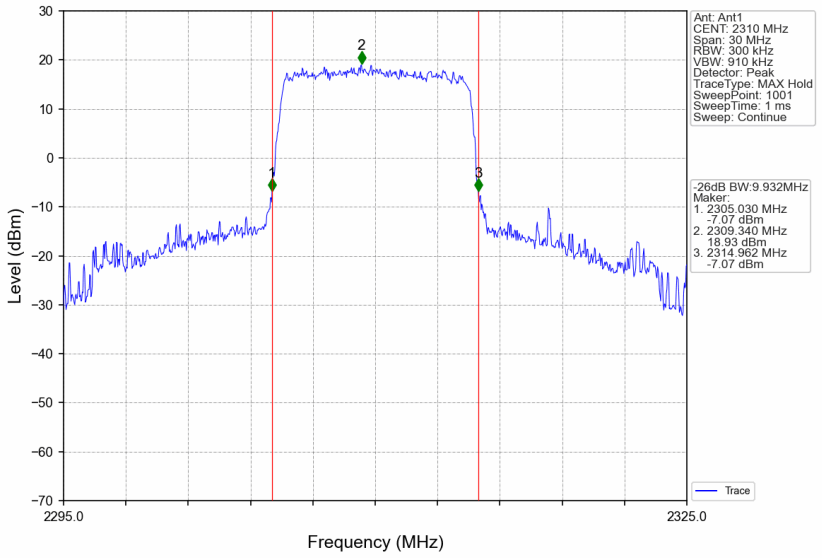
Band40a_5MHz_64QAM_MCH_2310MHz_RB_25_0_NTNV



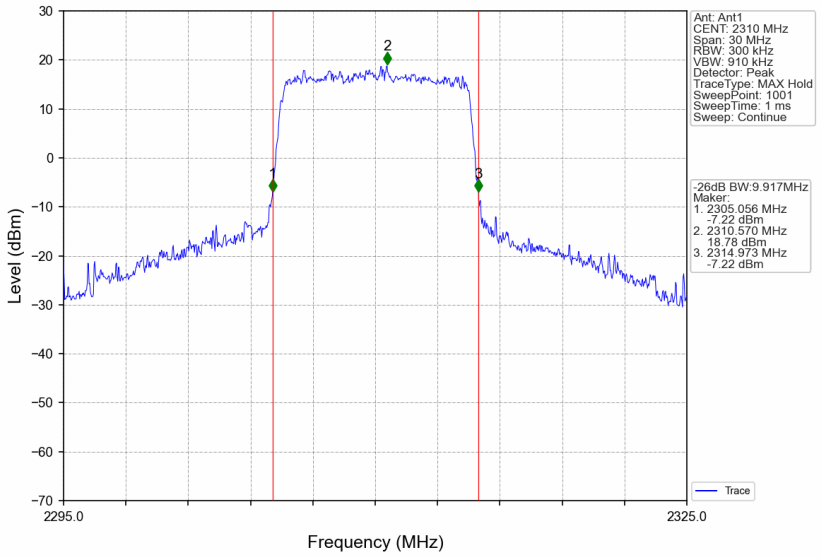
Band40a_5MHz_64QAM_HCH_2312.5MHz_RB_25_0_NTNV



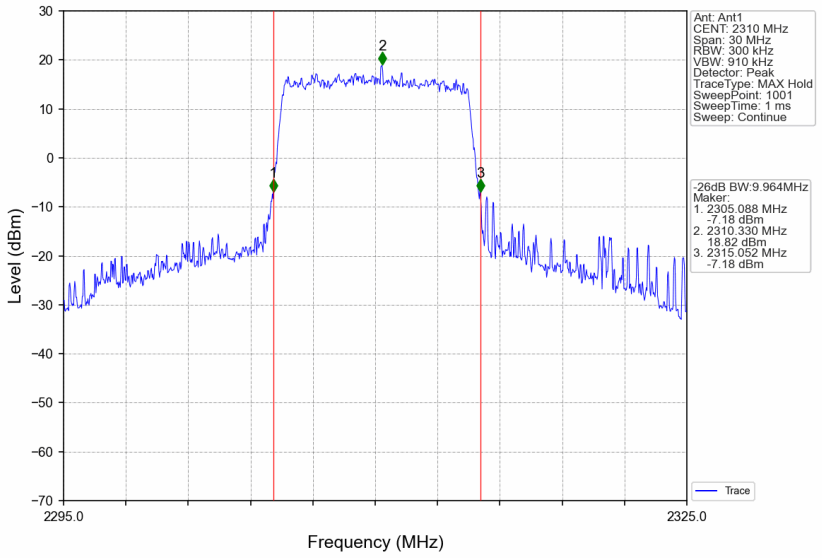
Band40a_10MHz_QPSK_MCH_2310MHz_RB_50_0_NTNV



Band40a_10MHz_16QAM_MCH_2310MHz_RB_50_0_NTNV



Band40a_10MHz_64QAM_MCH_2310MHz_RB_50_0_NTNV



5. Peak-Average Ratio

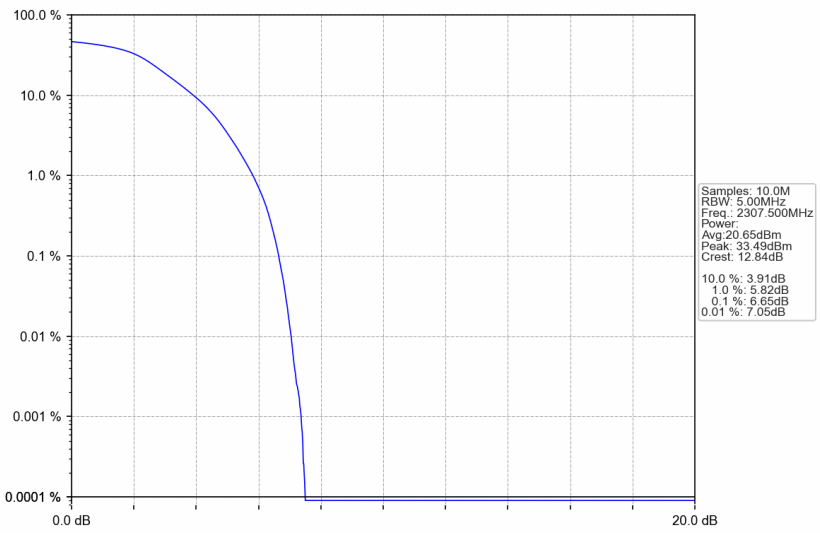
5.1 B40a_5MHz

5.1.1 Test Result

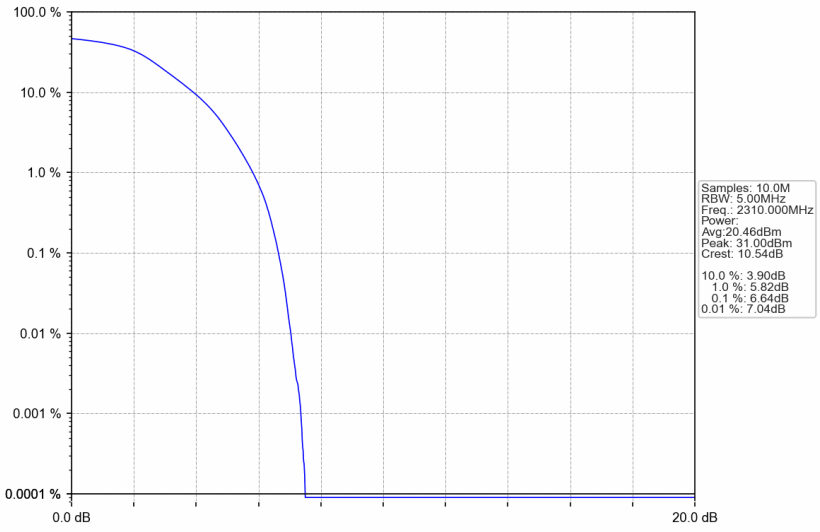
Band: 40a / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2307.5	25	0	6.65	<=13	Pass
	2310	25	0	6.64	<=13	Pass
	2312.5	25	0	6.75	<=13	Pass
16QAM	2307.5	25	0	7.39	<=13	Pass
	2310	25	0	7.36	<=13	Pass
	2312.5	25	0	7.42	<=13	Pass
64QAM	2307.5	25	0	7.82	<=13	Pass
	2310	25	0	7.86	<=13	Pass
	2312.5	25	0	8.03	<=13	Pass

5.1.2 Test Graph

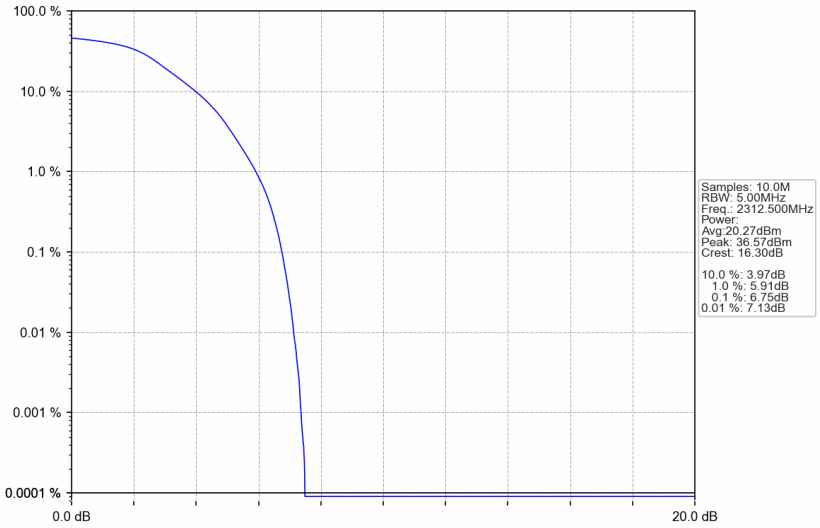
Band40a_5MHz_QPSK_LCH_2307.5MHz_RB_25_0_NTNV



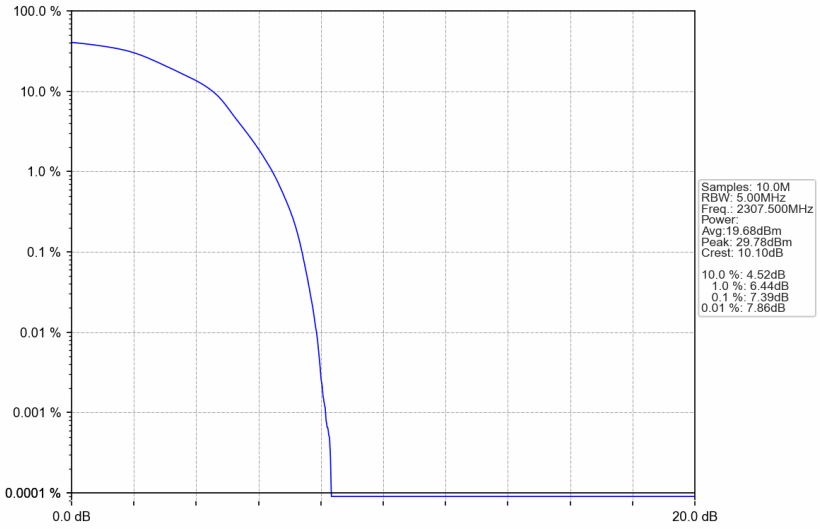
Band40a_5MHz_QPSK_MCH_2310MHz_RB_25_0_NTNV



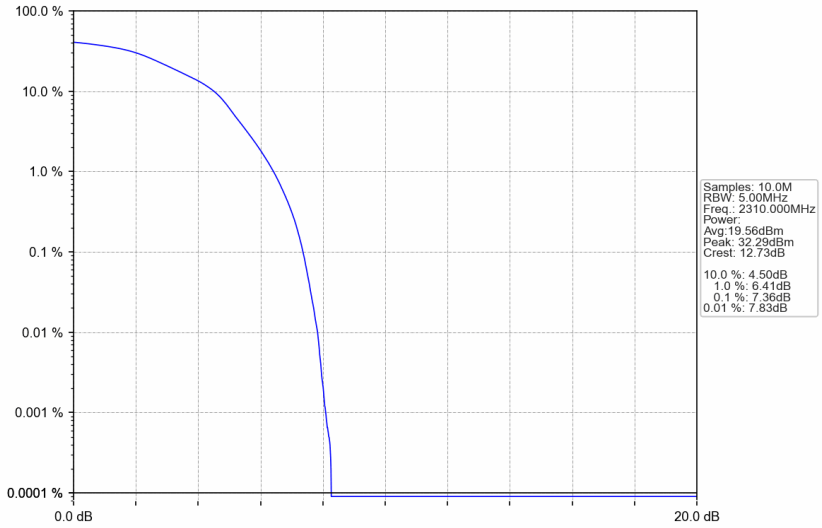
Band40a_5MHz_QPSK_HCH_2312.5MHz_RB_25_0_NTNV



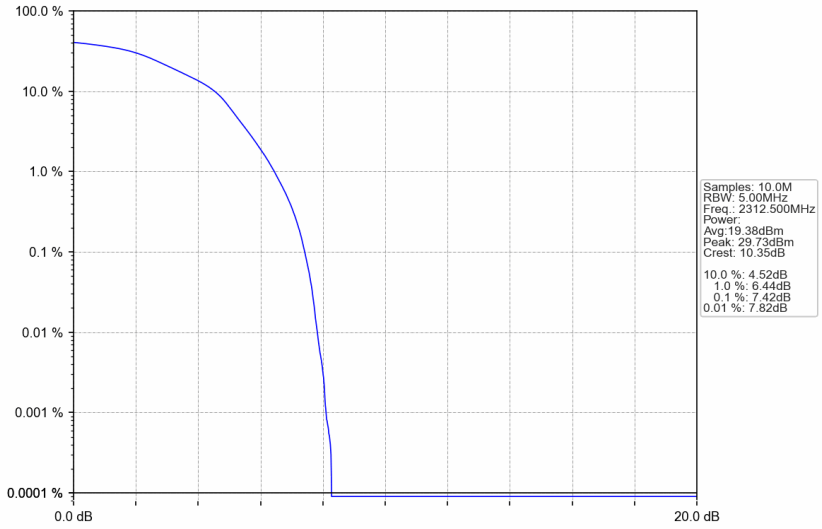
Band40a_5MHz_16QAM_LCH_2307.5MHz_RB_25_0_NTNV



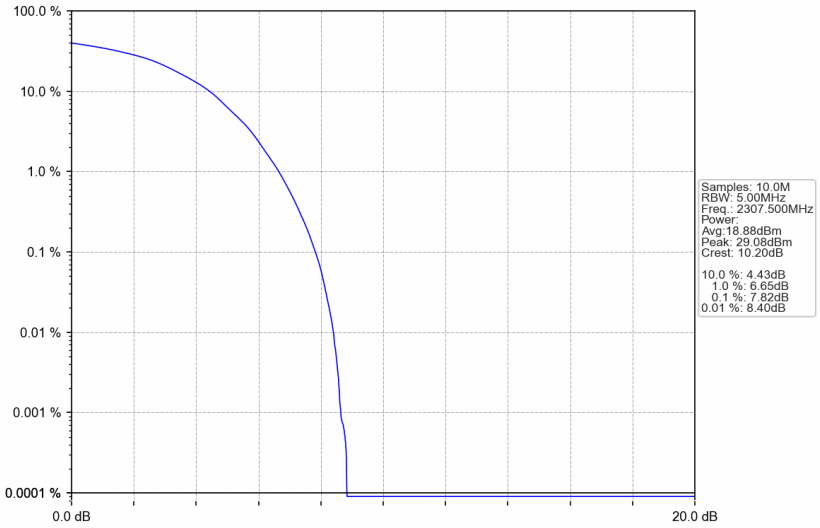
Band40a_5MHz_16QAM_MCH_2310MHz_RB_25_0_NTNV



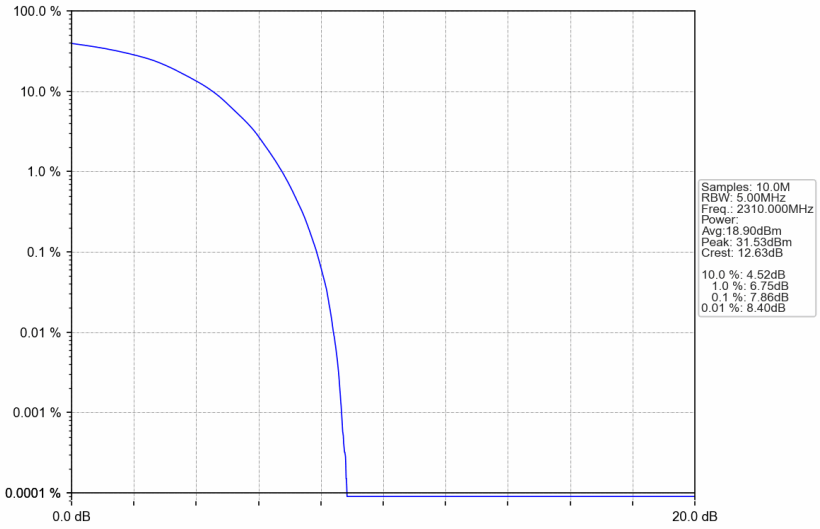
Band40a_5MHz_16QAM_HCH_2312.5MHz_RB_25_0_NTNV



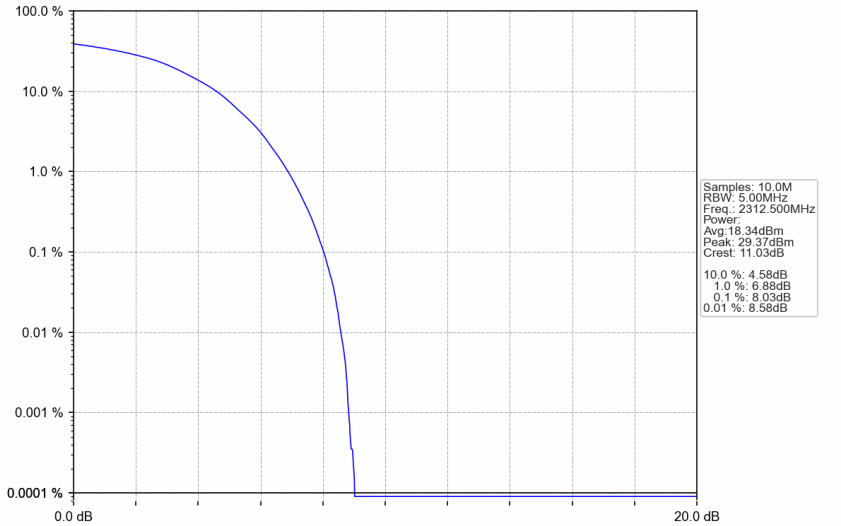
Band40a_5MHz_64QAM_LCH_2307.5MHz_RB_25_0_NTNV



Band40a_5MHz_64QAM_MCH_2310MHz_RB_25_0_NTNV



Band40a_5MHz_64QAM_HCH_2312.5MHz_RB_25_0_NTNV



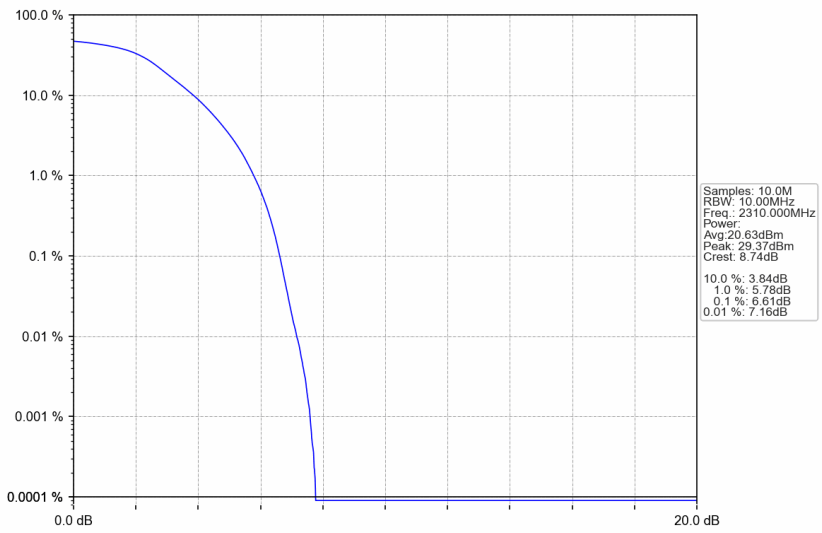
5.2 B40a_10MHz

5.2.1 Test Result

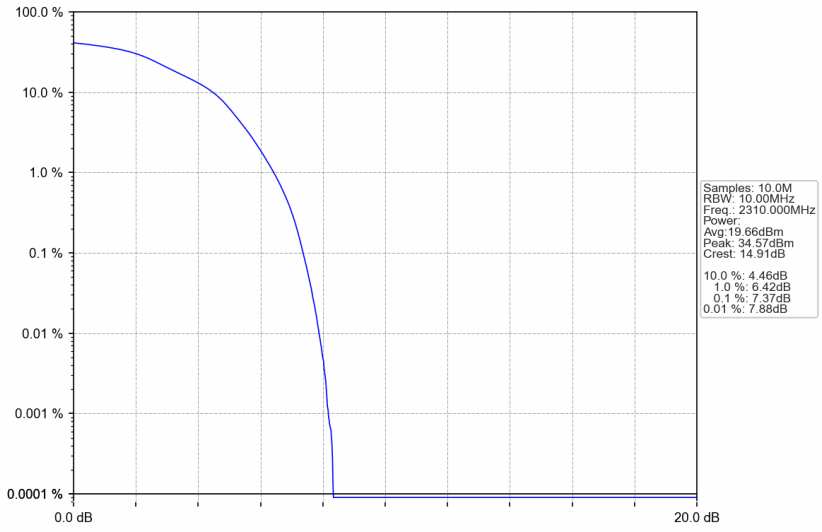
Band: 40a / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2310	50	0	6.61	<=13	Pass
16QAM	2310	50	0	7.37	<=13	Pass
64QAM	2310	50	0	7.95	<=13	Pass

5.2.2 Test Graph

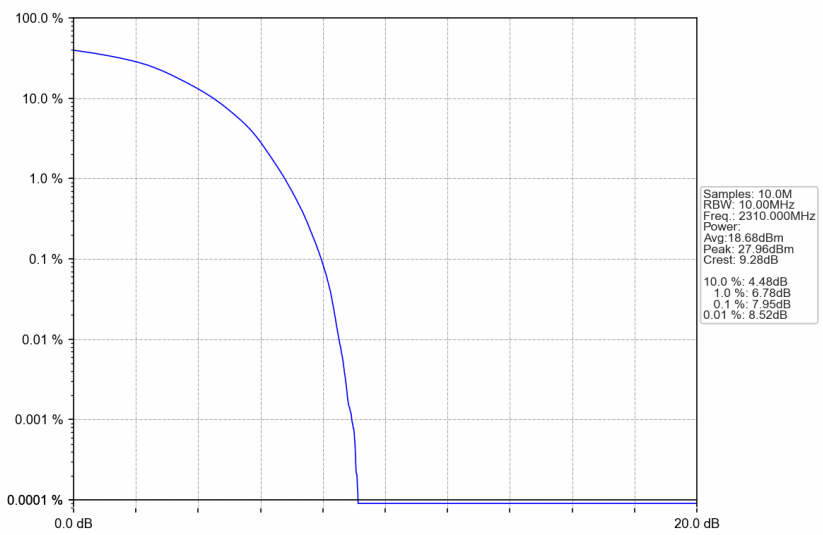
Band40a_10MHz_QPSK_MCH_2310MHz_RB_50_0_NTNV



Band40a_10MHz_16QAM_MCH_2310MHz_RB_50_0_NTNV



Band40a_10MHz_64QAM_MCH_2310MHz_RB_50_0_NTNV



6. Spurious Emission

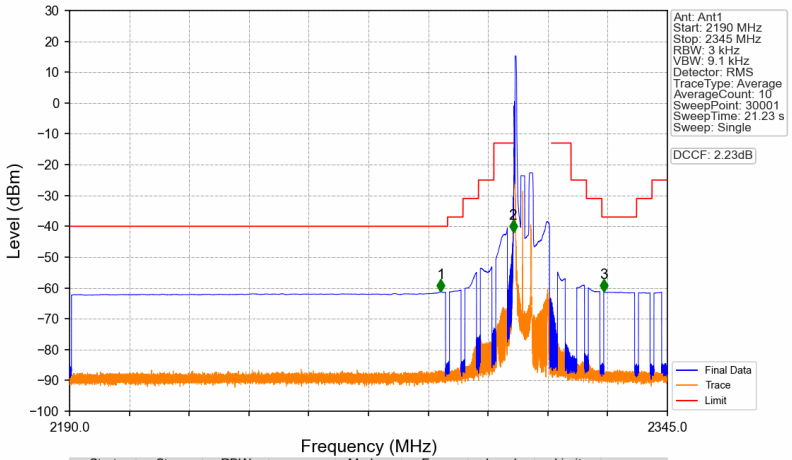
6.1 B40a_5MHz

6.1.1 Test Result

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
64QAM	2307.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	2310	1	0	Refer To Test Graph		Pass
	2312.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

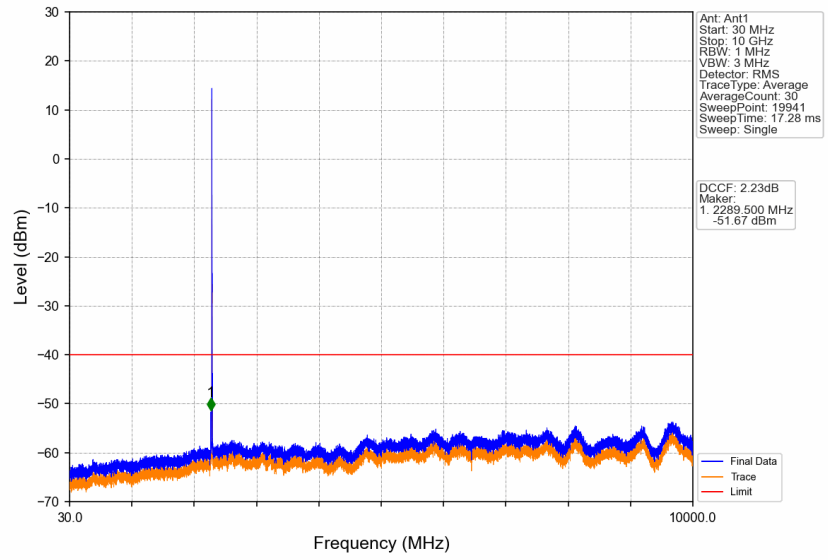
6.1.2 Test Graph

Band40a_5MHz_QPSK_LCH_2307.5MHz_RB_1_0_NTNV

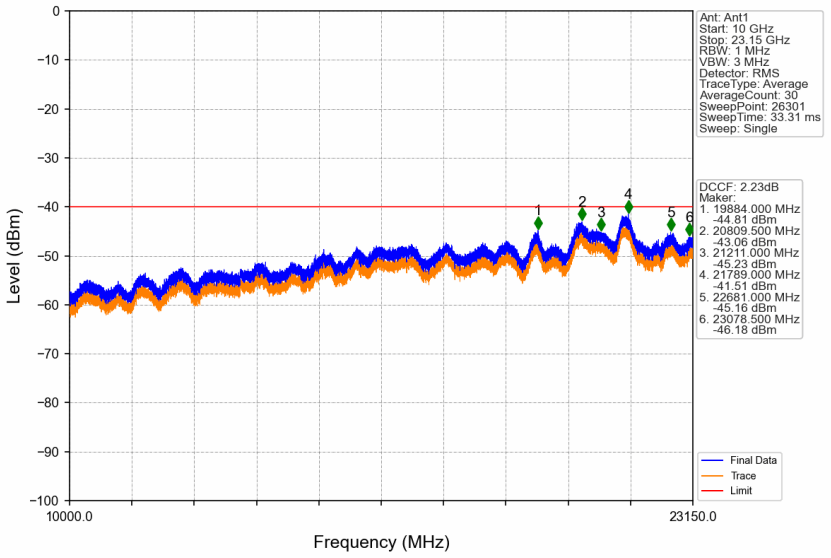


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2304	1	CHP	1	2286.203	-61.25	-40	Pass
2304	2305	0.003	/	2	2305.000	-42.07	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2345	1	CHP	3	2328.503	-61.33	-37	Pass

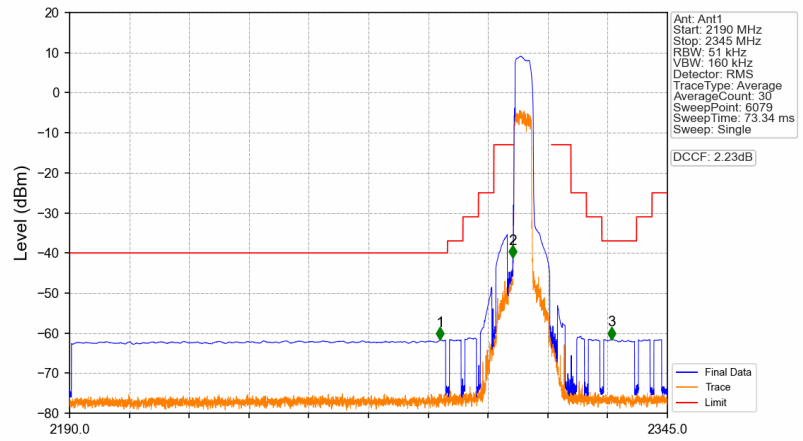
Band40a_5MHz_QPSK_LCH_2307.5MHz_RB_1_0_NTNV



Band40a_5MHz_QPSK_LCH_2307.5MHz_RB_1_0_NTNV

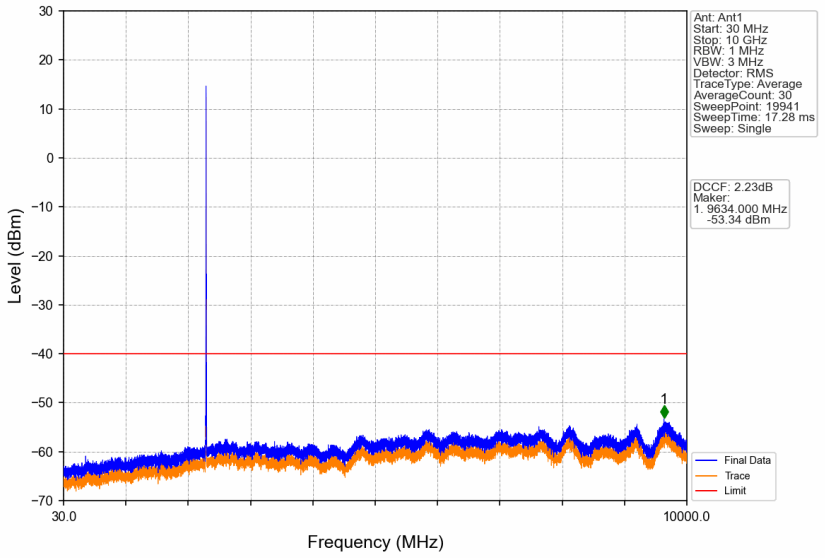


Band40a_5MHz_QPSK_LCH_2307.5MHz_RB_25_0_NTNV

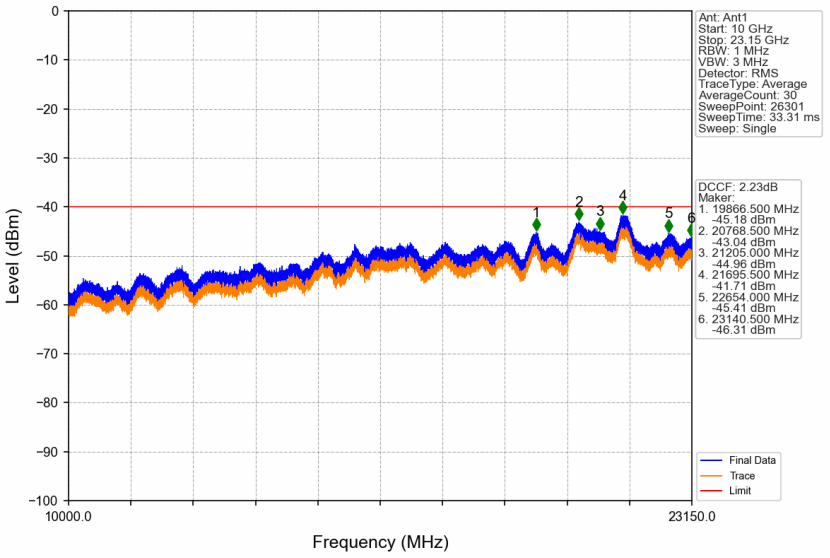


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2304	1	CHP	1	2286.040	-61.72	-40	Pass
2304	2305	0.051	/	2	2304.962	-41.14	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2345	1	CHP	3	2330.591	-61.59	-37	Pass

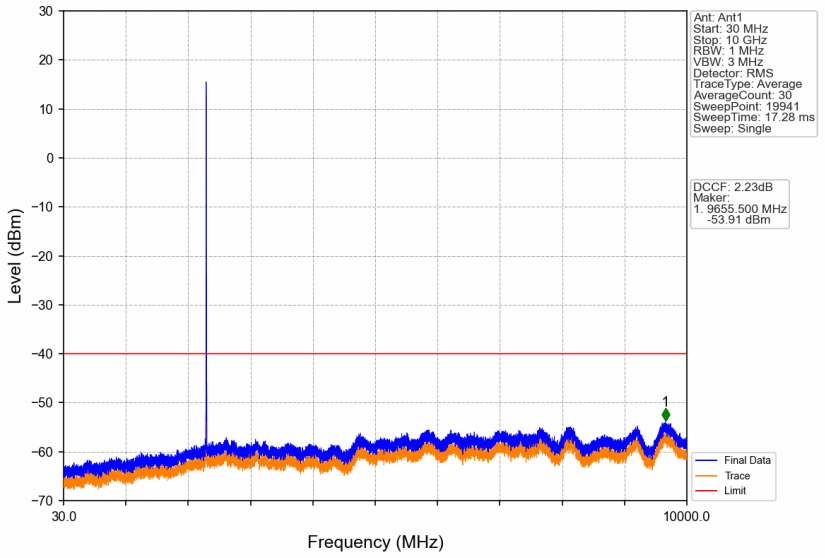
Band40a_5MHz_QPSK_MCH_2310MHz_RB_1_0_NTNV



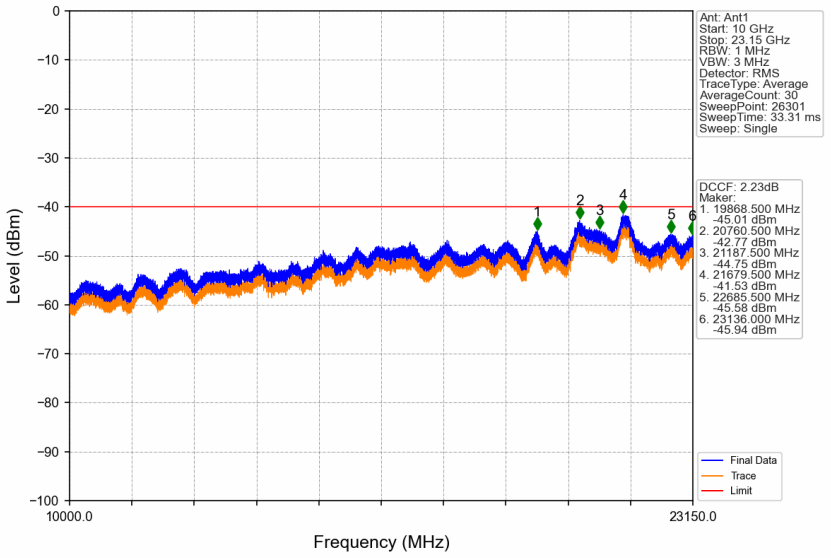
Band40a_5MHz_QPSK_MCH_2310MHz_RB_1_0_NTNV



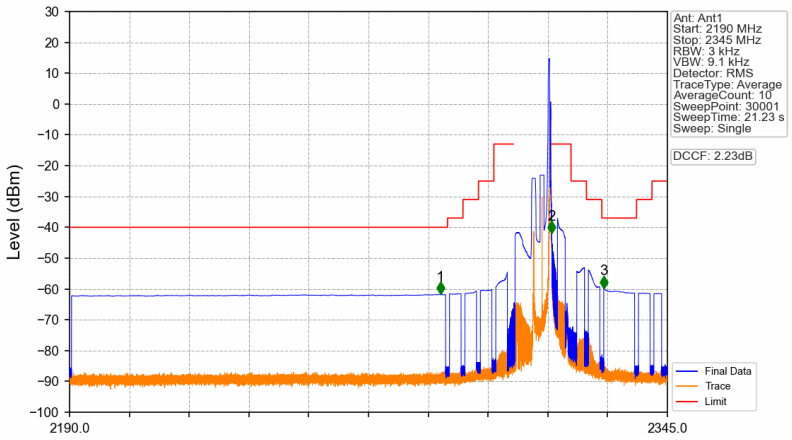
Band40a_5MHz_QPSK_HCH_2312.5MHz_RB_1_0_NTNV



Band40a_5MHz_QPSK_HCH_2312.5MHz_RB_1_0_NTNV

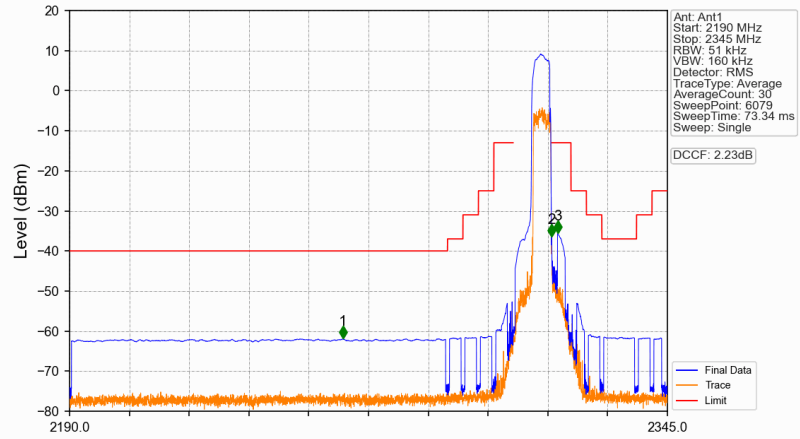


Band40a_5MHz_QPSK_HCH_2312.5MHz_RB_1_24_NTNV



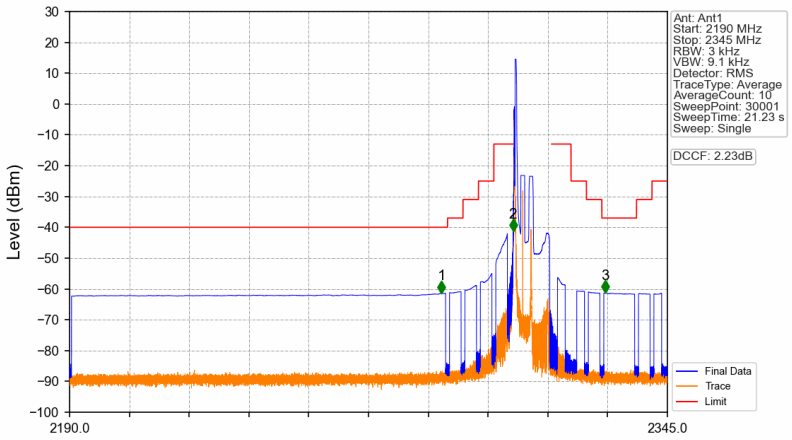
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2305	1	CHP	1	2286.100	-61.82	-40	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2316	0.003	/	2	2315.013	-42.05	-13	Pass
2316	2345	1	CHP	3	2328.503	-59.78	-37	Pass

Band40a_5MHz_QPSK_HCH_2312.5MHz_RB_25_0_NTNV



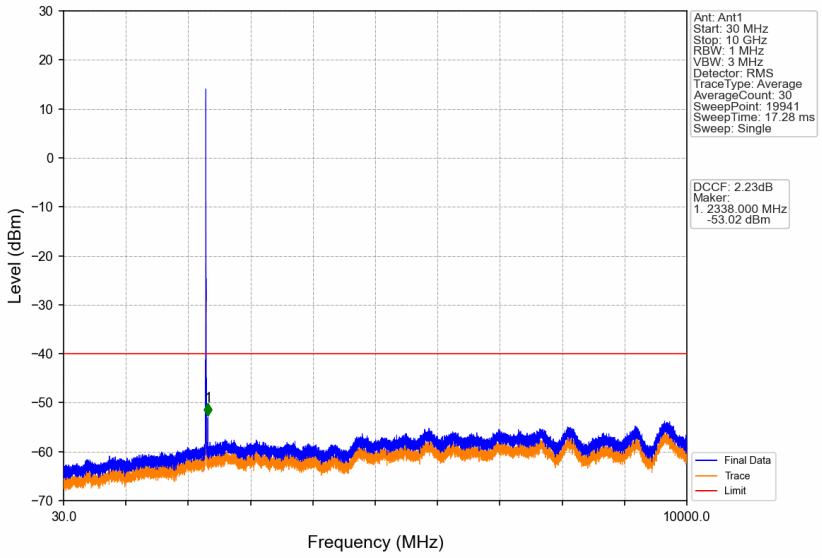
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2305	1	CHP	1	2260.819	-61.91	-40	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2316	0.051	/	2	2315.010	-36.44	-13	Pass
2316	2345	1	CHP	3	2316.642	-35.55	-13	Pass

Band40a_5MHz_16QAM_LCH_2307.5MHz_RB_1_0_NTNV

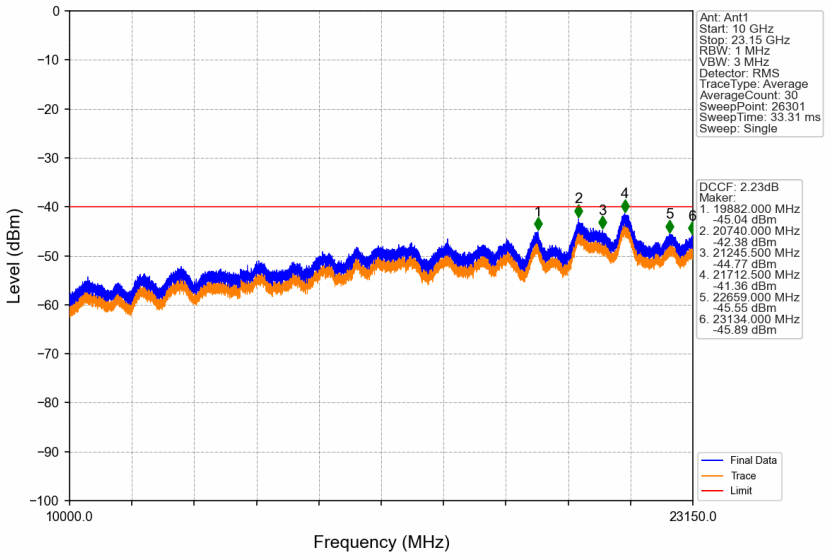


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2304	1	CHP	1	2286.441	-61.38	-40	Pass
2304	2305	0.003	/	2	2305.000	-41.28	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2345	1	CHP	3	2328.849	-61.35	-37	Pass

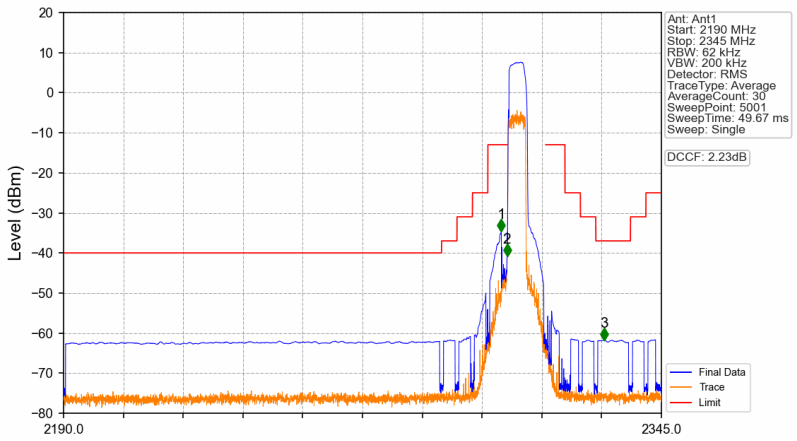
Band40a_5MHz_16QAM_LCH_2307.5MHz_RB_1_0_NTNV



Band40a_5MHz_16QAM_LCH_2307.5MHz_RB_1_0_NTNV

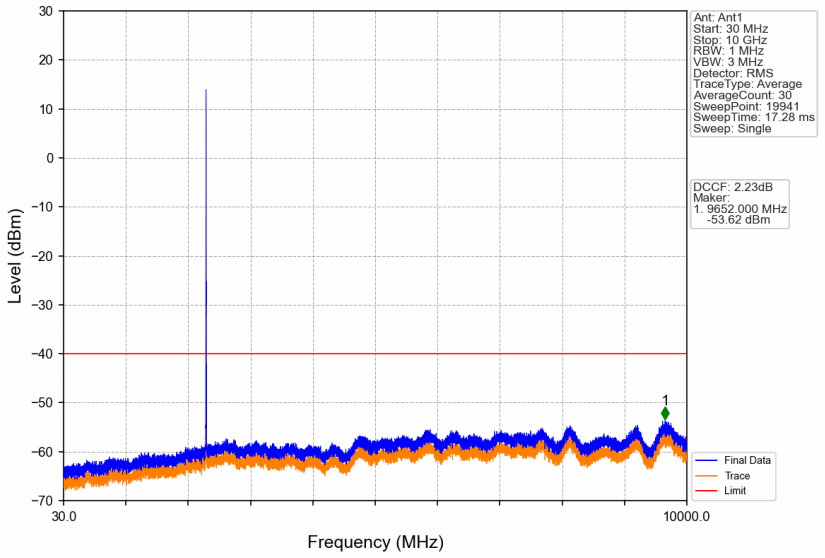


Band40a_5MHz_16QAM_LCH_2307.5MHz_RB_25_0_NTNV

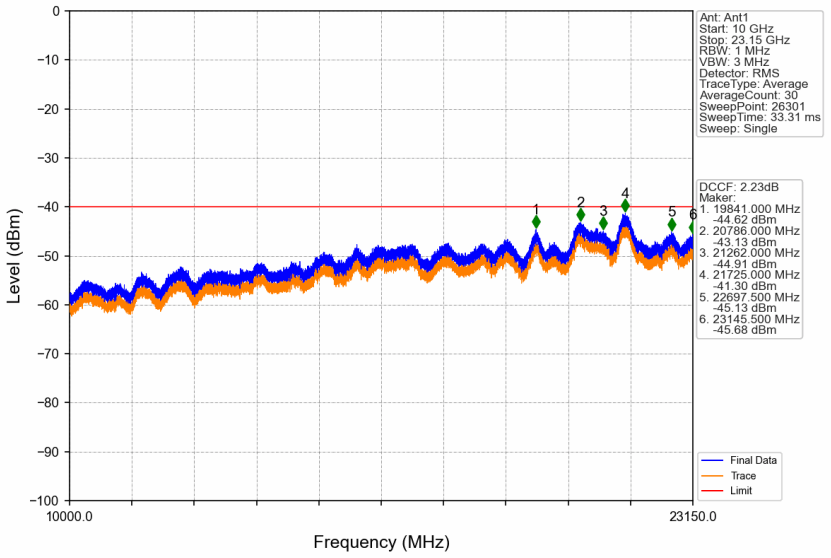


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2304	1	CHP	1	2303.491	-34.67	-13	Pass
2304	2305	0.062	/	2	2304.979	-40.82	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2345	1	CHP	3	2330.151	-61.78	-37	Pass

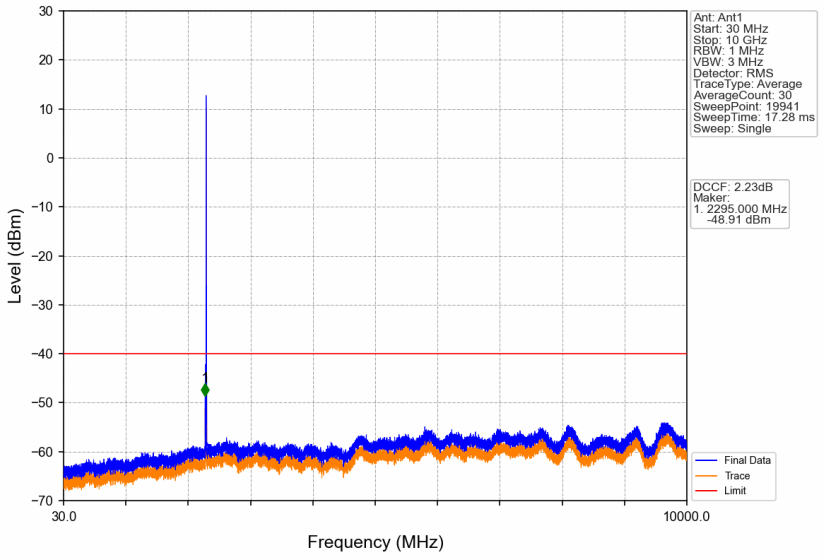
Band40a_5MHz_16QAM_MCH_2310MHz_RB_1_0_NTNV



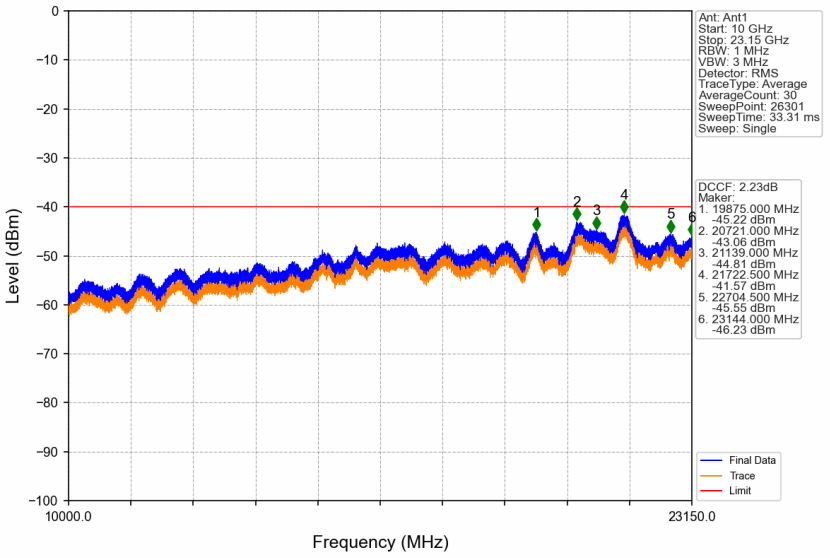
Band40a_5MHz_16QAM_MCH_2310MHz_RB_1_0_NTNV



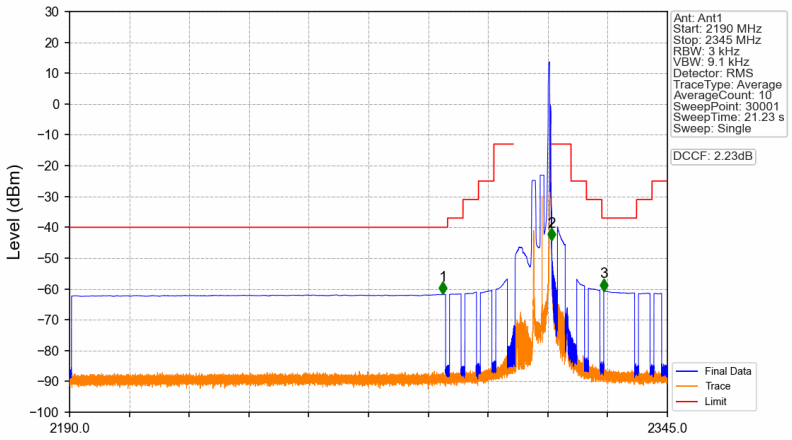
Band40a_5MHz_16QAM_HCH_2312.5MHz_RB_1_0_NTNV



Band40a_5MHz_16QAM_HCH_2312.5MHz_RB_1_0_NTNV

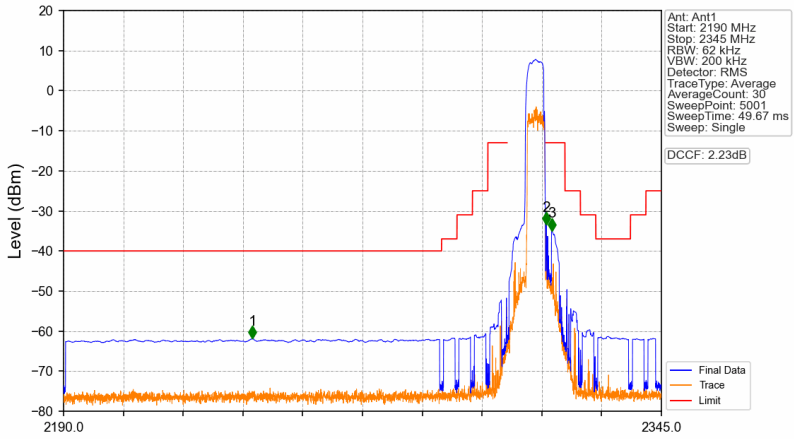


Band40a_5MHz_16QAM_HCH_2312.5MHz_RB_1_24_NTNV



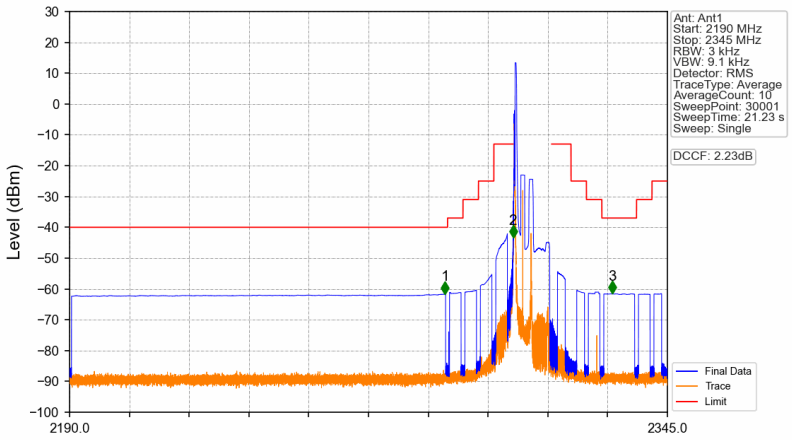
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2305	1	CHP	1	2286.823	-61.74	-40	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2316	0.003	/	2	2315.013	-44.24	-13	Pass
2316	2345	1	CHP	3	2328.591	-60.69	-37	Pass

Band40a_5MHz_16QAM_HCH_2312.5MHz_RB_25_0_NTNV



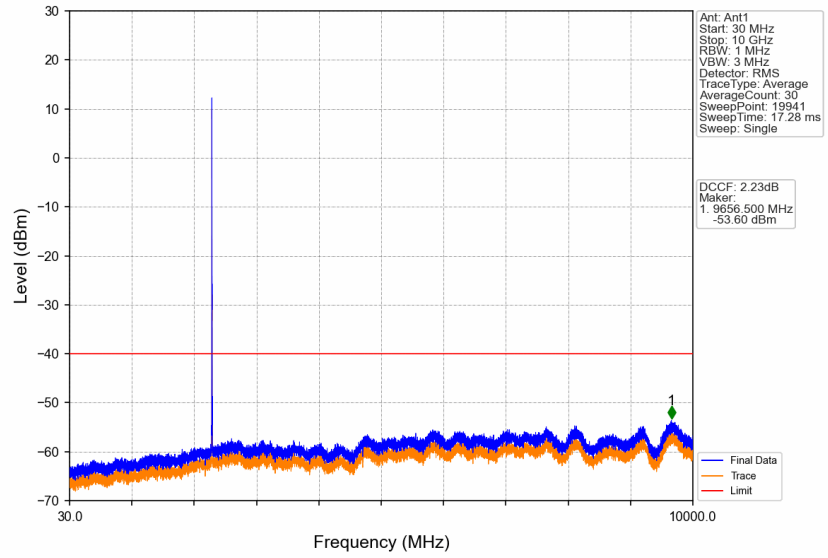
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2305	1	CHP	1	2238.980	-61.91	-40	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2316	0.062	/	2	2315.178	-33.42	-13	Pass
2316	2345	1	CHP	3	2316.542	-34.94	-13	Pass

Band40a_5MHz_64QAM_LCH_2307.5MHz_RB_1_0_NTNV

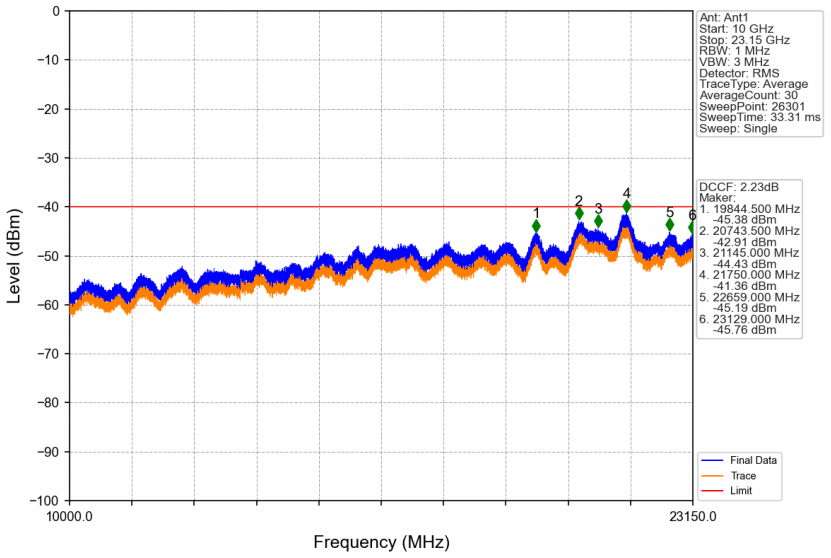


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2304	1	CHP	1	2287.335	-61.61	-40	Pass
2304	2305	0.003	/	2	2305.000	-43.37	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2345	1	CHP	3	2330.771	-61.57	-37	Pass

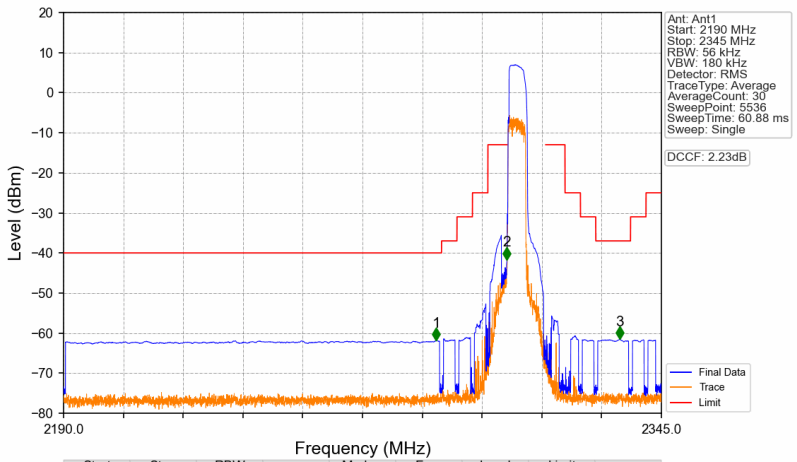
Band40a_5MHz_64QAM_LCH_2307.5MHz_RB_1_0_NTNV



Band40a_5MHz_64QAM_LCH_2307.5MHz_RB_1_0_NTNV

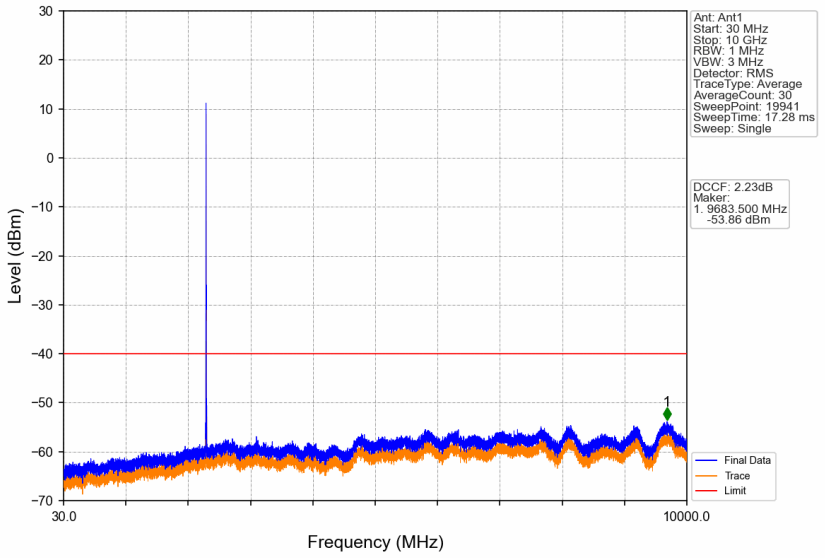


Band40a_5MHz_64QAM_LCH_2307.5MHz_RB_25_0_NTNV

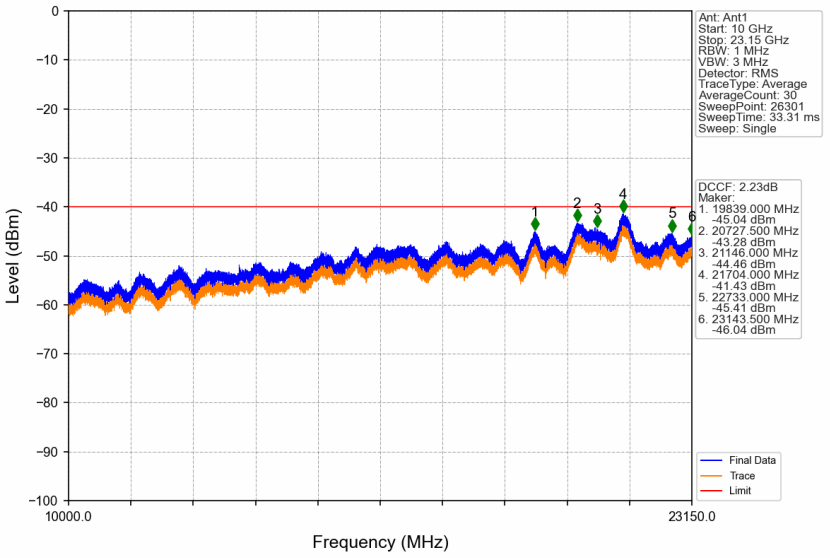


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2304	1	CHP	1	2286.584	-61.88	-40	Pass
2304	2305	0.056	/	2	2304.955	-41.66	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2345	1	CHP	3	2334.135	-61.54	-37	Pass

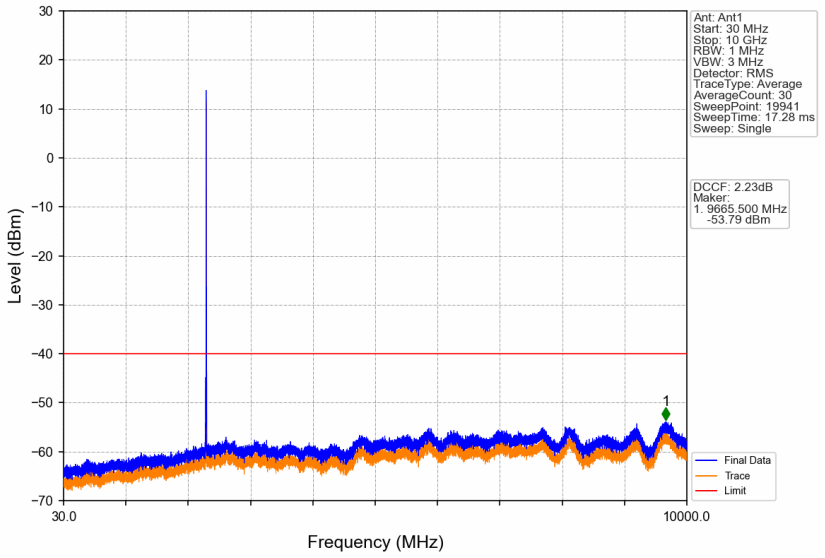
Band40a_5MHz_64QAM_MCH_2310MHz_RB_1_0_NTNV



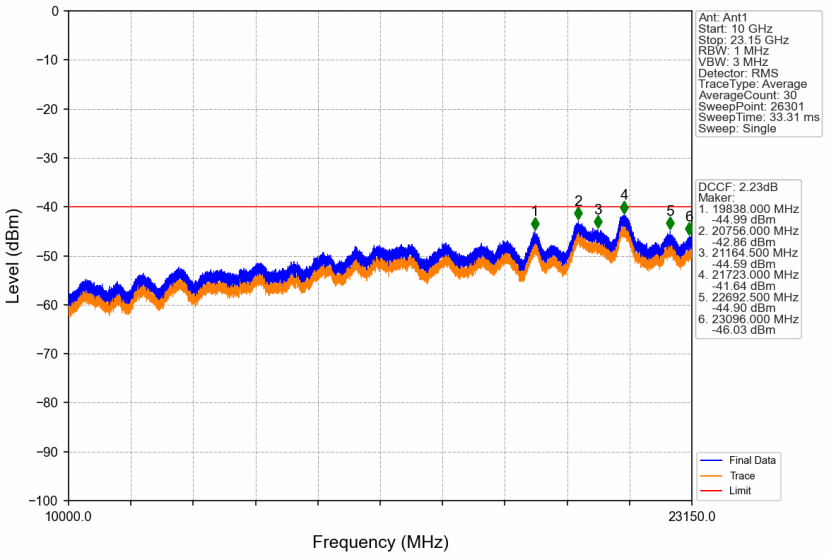
Band40a_5MHz_64QAM_MCH_2310MHz_RB_1_0_NTNV



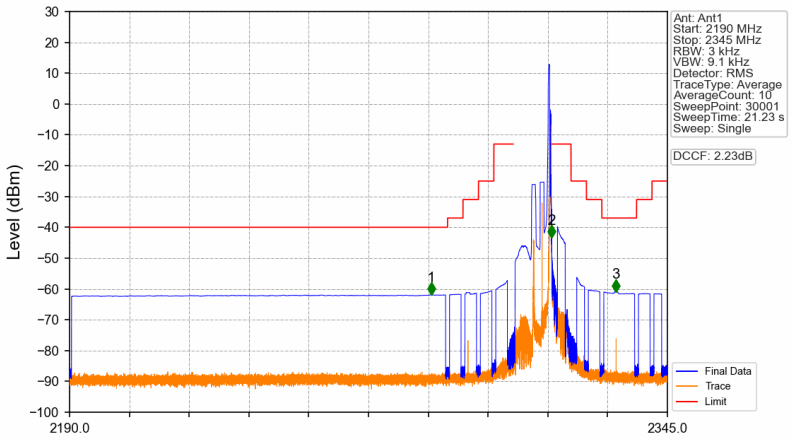
Band40a_5MHz_64QAM_HCH_2312.5MHz_RB_1_0_NTNV



Band40a_5MHz_64QAM_HCH_2312.5MHz_RB_1_0_NTNV

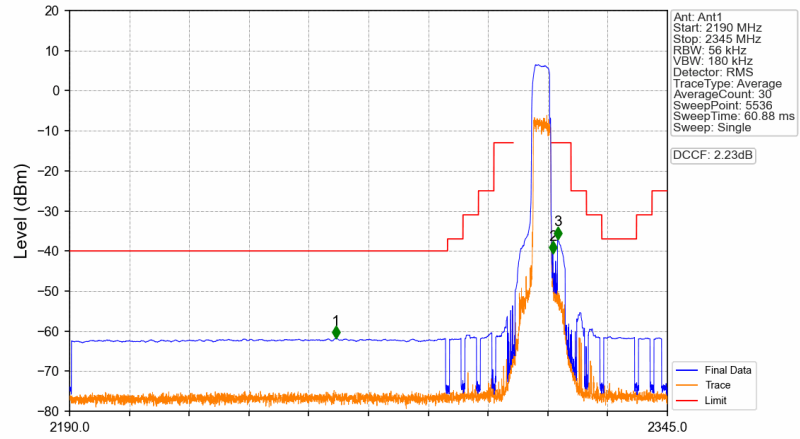


Band40a_5MHz_64QAM_HCH_2312.5MHz_RB_1_24_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2305	1	CHP	1	2283.770	-61.90	-40	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2316	0.003	/	2	2315.002	-43.44	-13	Pass
2316	2345	1	CHP	3	2331.696	-60.93	-37	Pass

Band40a_5MHz_64QAM_HCH_2312.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2305	1	CHP	1	2259.001	-61.84	-40	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2316	0.056	/	2	2315.288	-40.70	-13	Pass
2316	2345	1	CHP	3	2316.520	-37.05	-13	Pass

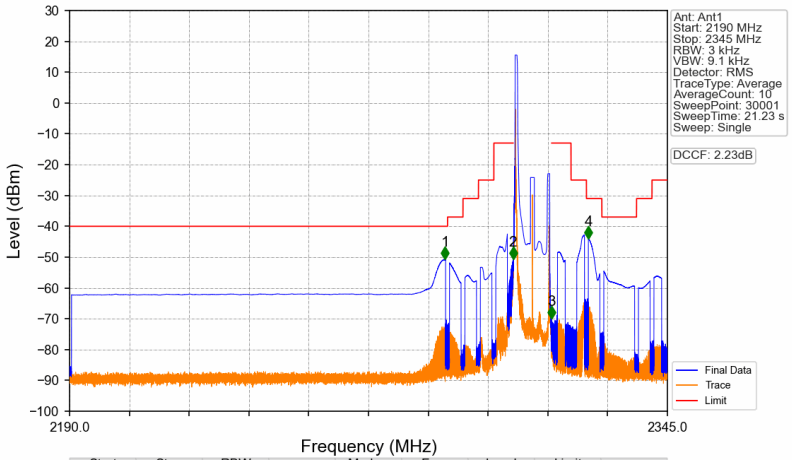
6.2 B40a_10MHz

6.2.1 Test Result

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
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	2310	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
64QAM	2310	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

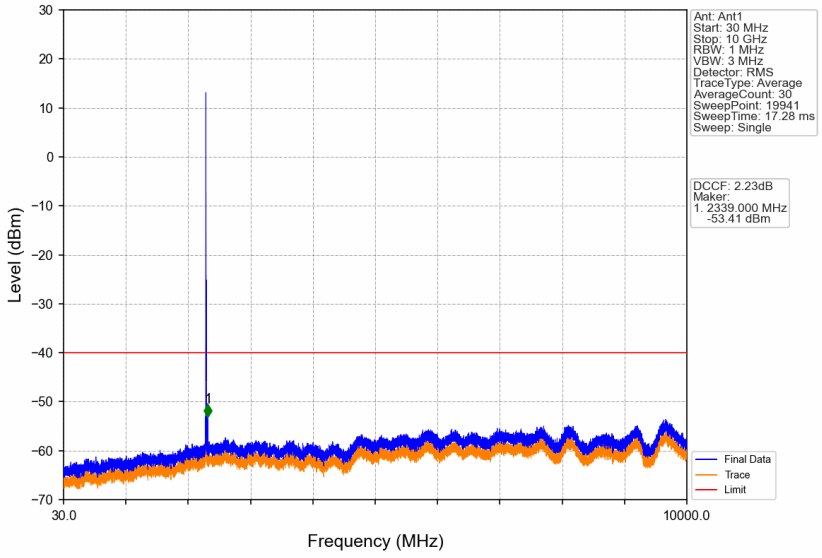
6.2.2 Test Graph

Band40a_10MHz_QPSK_MCH_2310MHz_RB_1_0_NTNV

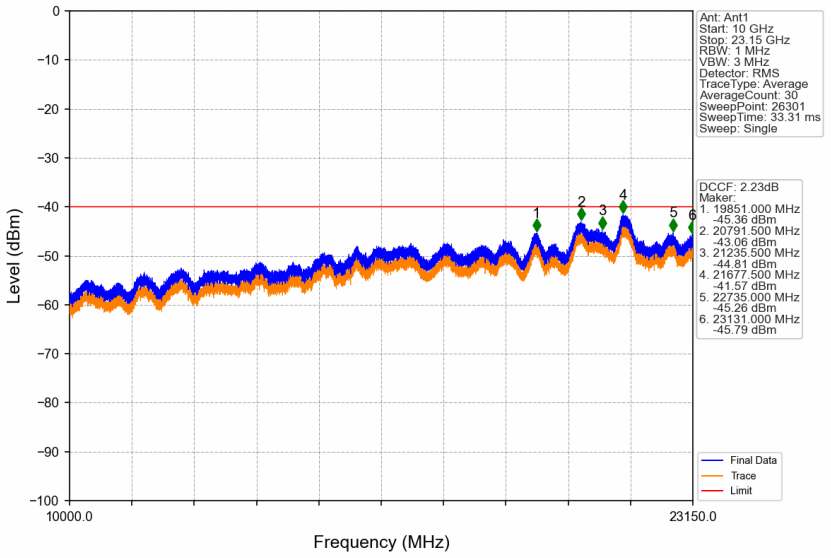


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2304	1	CHP	1	2287.309	-50.79	-40	Pass
2304	2305	0.003	/	2	2304.994	-50.80	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2316	0.003	/	3	2315.002	-69.93	-13	Pass
2316	2345	1	CHP	4	2324.504	-44.01	-31	Pass

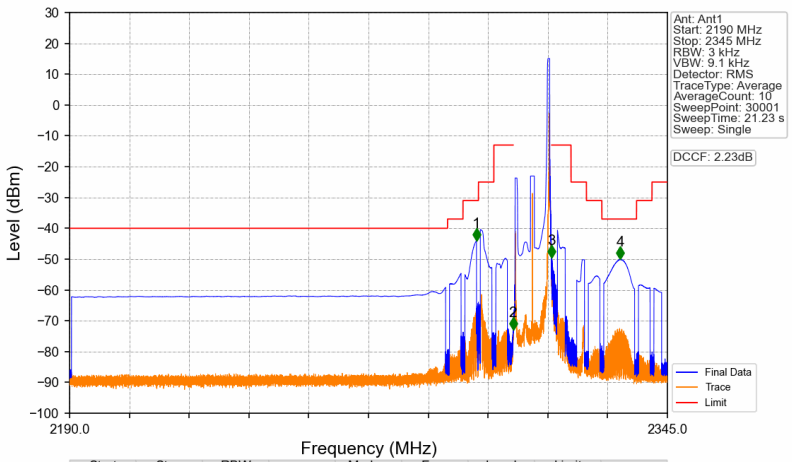
Band40a_10MHz_QPSK_MCH_2310MHz_RB_1_0_NTNV



Band40a_10MHz_QPSK_MCH_2310MHz_RB_1_0_NTNV

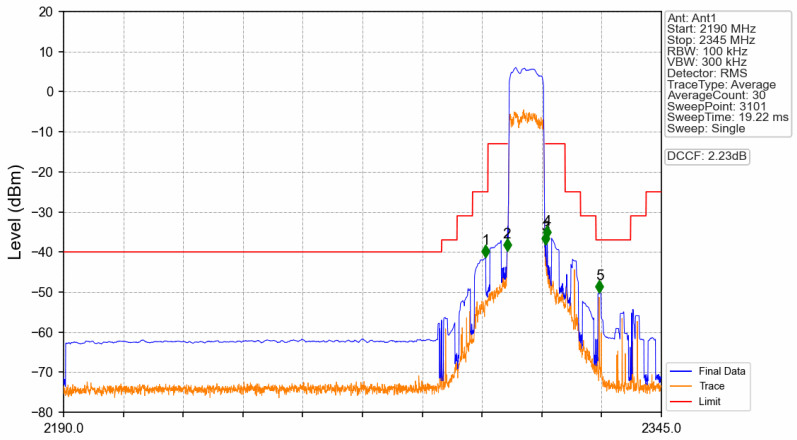


Band40a_10MHz_QPSK_MCH_2310MHz_RB_1_49_NTNV



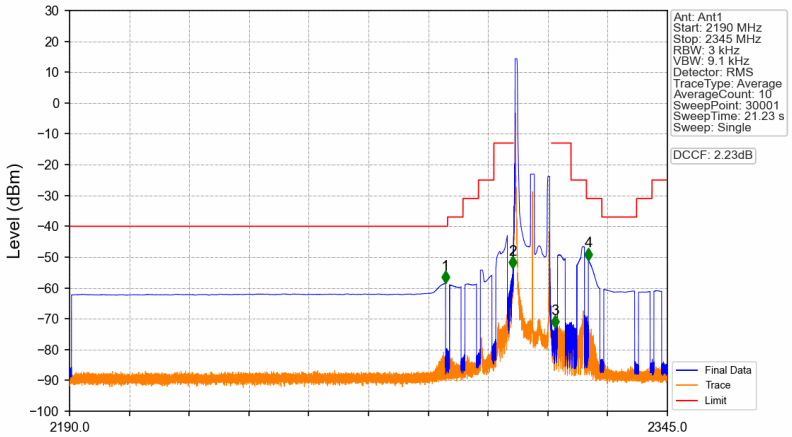
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2304	1	CHP	1	2295.498	-43.99	-31	Pass
2304	2305	0.003	/	2	2305.000	-73.01	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2316	0.003	/	3	2315.039	-49.50	-13	Pass
2316	2345	1	CHP	4	2332.791	-50.11	-37	Pass

Band40a_10MHz_QPSK_MCH_2310MHz_RB_50_0_NTNV



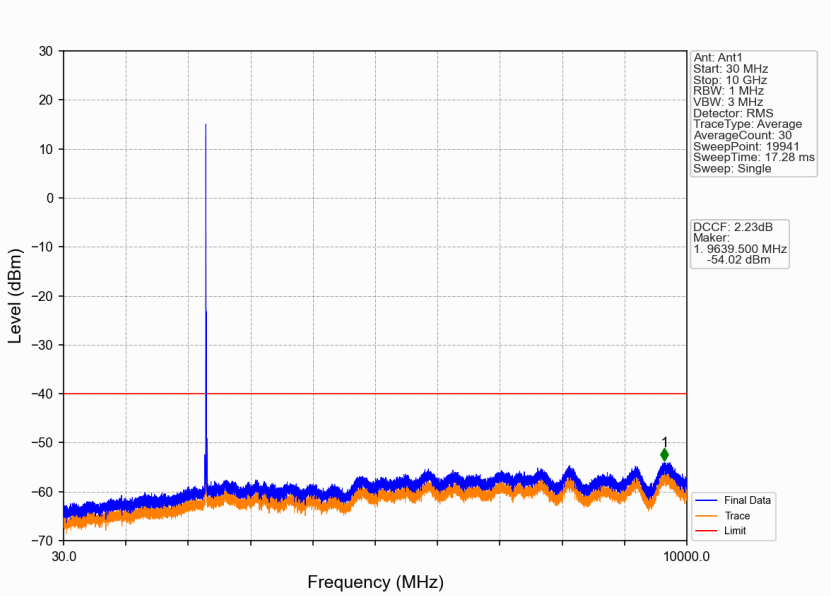
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2304	1	CHP	1	2299.450	-41.33	-25	Pass
2304	2305	0.1	/	2	2305.000	-39.74	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2315	1	CHP	3	2315.000	-38.12	-13	Pass
2315	2316	0.1	/	4	2315.400	-36.64	-13	Pass
2316	2345	1	CHP	5	2328.950	-50.23	-37	Pass

Band40a_10MHz_16QAM_MCH_2310MHz_RB_1_0_NTNV

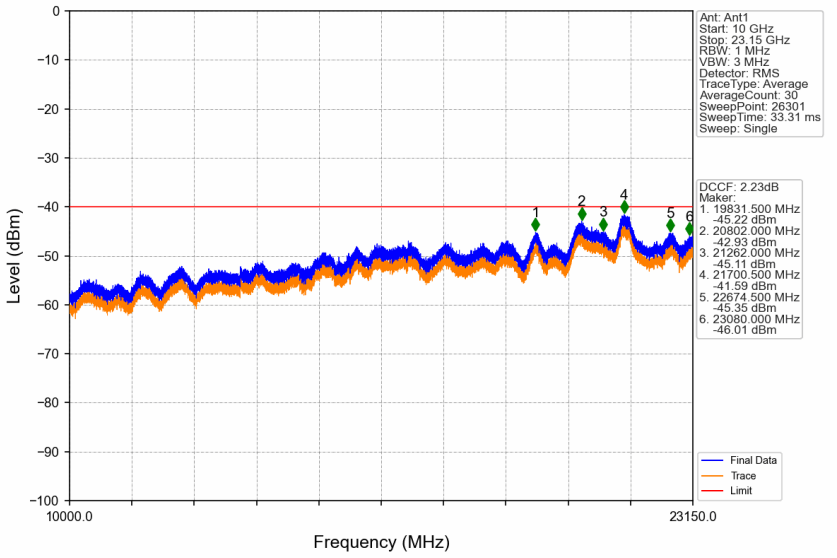


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2304	1	CHP	1	2287.448	-58.54	-40	Pass
2304	2305	0.003	/	2	2304.948	-53.73	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2316	0.003	/	3	2315.901	-72.91	-13	Pass
2316	2345	1	CHP	4	2324.504	-51.07	-31	Pass

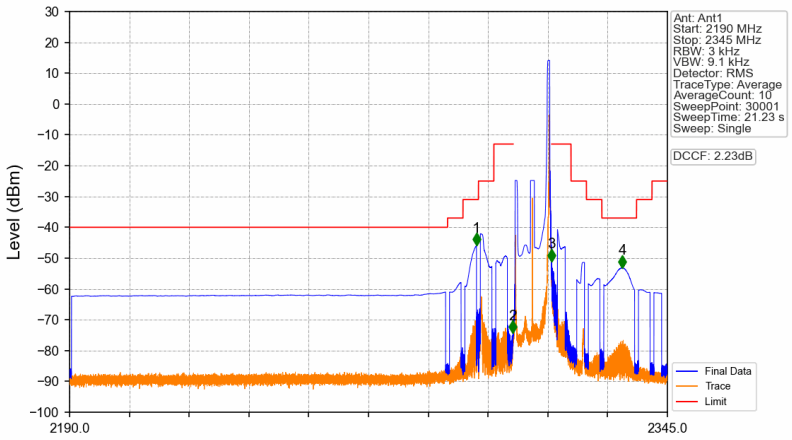
Band40a_10MHz_16QAM_MCH_2310MHz_RB_1_0_NTNV



Band40a_10MHz_16QAM_MCH_2310MHz_RB_1_0_NTNV

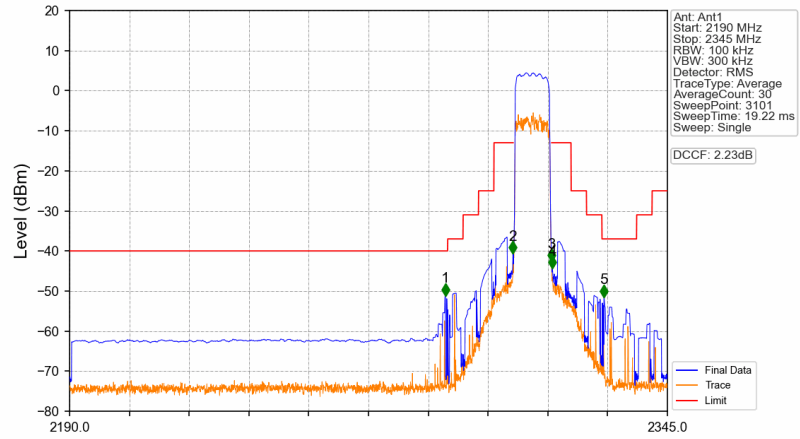


Band40a_10MHz_16QAM_MCH_2310MHz_RB_1_49_NTNV



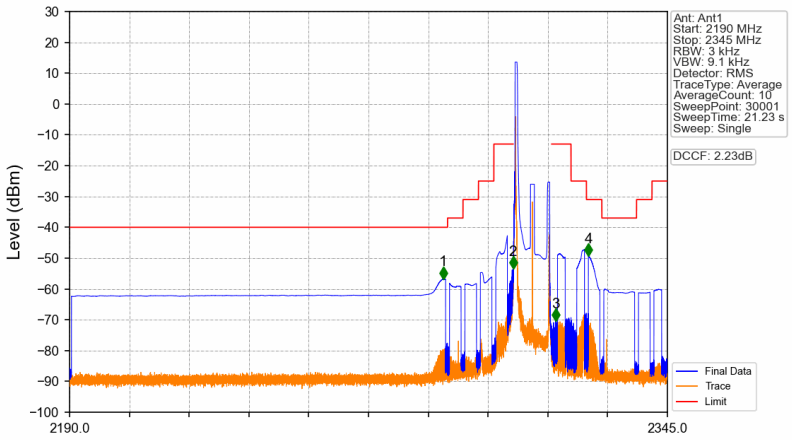
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2304	1	CHP	1	2295.498	-45.96	-31	Pass
2304	2305	0.003	/	2	2304.948	-74.32	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2316	0.003	/	3	2315.002	-51.05	-13	Pass
2316	2345	1	CHP	4	2333.313	-53.13	-37	Pass

Band40a_10MHz_16QAM_MCH_2310MHz_RB_50_0_NTNV



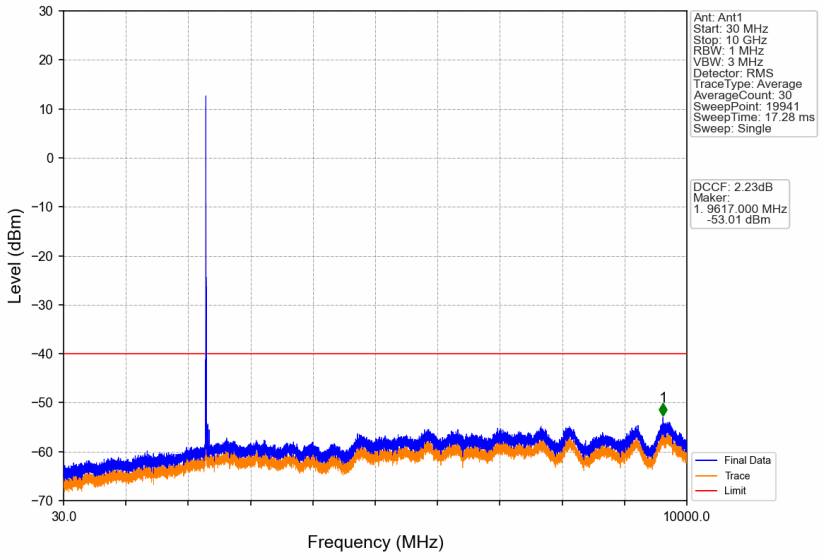
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2304	1	CHP	1	2287.450	-51.18	-40	Pass
2304	2305	0.1	/	2	2304.950	-40.68	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2315	1	CHP	3	2315.000	-42.55	-13	Pass
2315	2316	0.1	/	4	2315.150	-44.33	-13	Pass
2316	2345	1	CHP	5	2328.550	-51.53	-37	Pass

Band40a_10MHz_64QAM_MCH_2310MHz_RB_1_0_NTNV

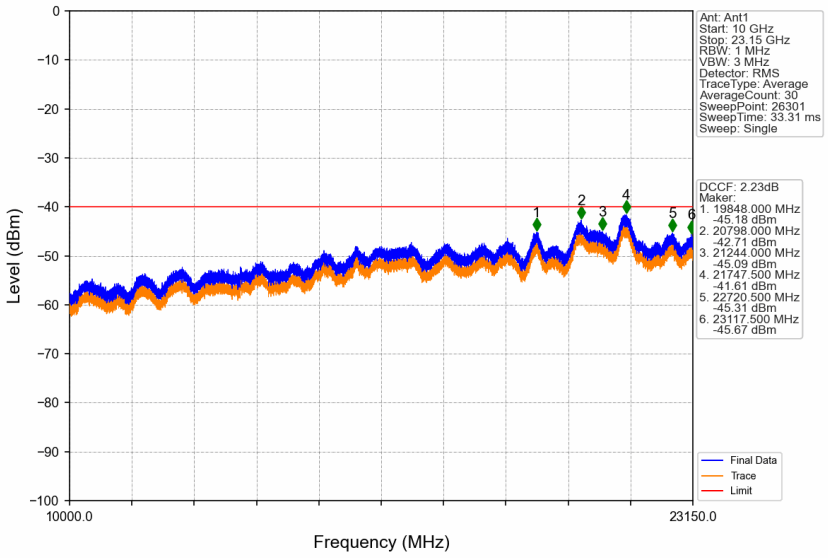


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2304	1	CHP	1	2286.916	-56.81	-40	Pass
2304	2305	0.003	/	2	2305.000	-53.54	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2316	0.003	/	3	2315.989	-70.37	-13	Pass
2316	2345	1	CHP	4	2324.514	-49.26	-31	Pass

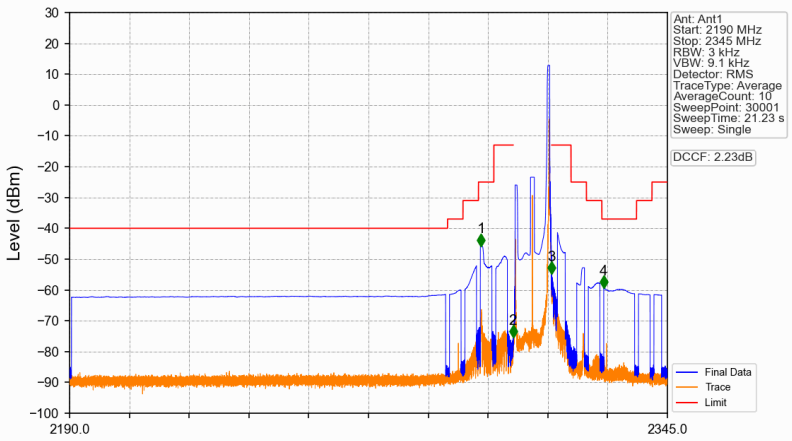
Band40a_10MHz_64QAM_MCH_2310MHz_RB_1_0_NTNV



Band40a_10MHz_64QAM_MCH_2310MHz_RB_1_0_NTNV

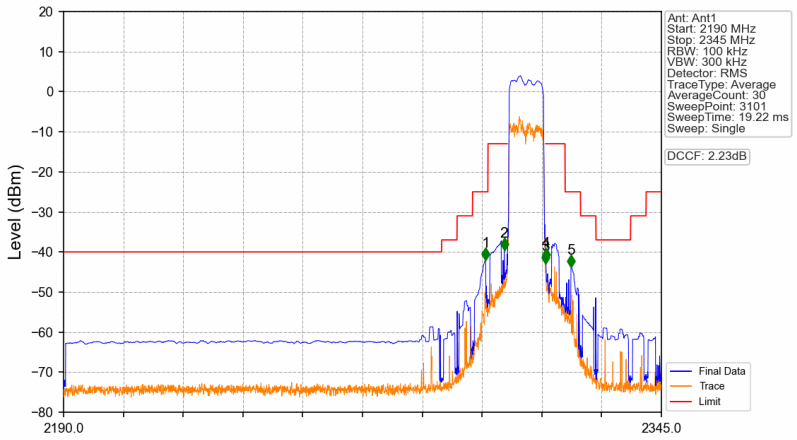


Band40a_10MHz_64QAM_MCH_2310MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2304	1	CHP	1	2296.676	-45.80	-25	Pass
2304	2305	0.003	/	2	2305.000	-75.51	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2316	0.003	/	3	2315.002	-54.84	-13	Pass
2316	2345	1	CHP	4	2328.503	-59.44	-37	Pass

Band40a_10MHz_64QAM_MCH_2310MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2304	1	CHP	1	2299.450	-42.05	-25	Pass
2304	2305	0.1	/	2	2304.250	-39.65	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2315	1	CHP	3	2315.000	-43.03	-13	Pass
2315	2316	0.1	/	4	2315.050	-42.19	-13	Pass
2316	2345	1	CHP	5	2321.600	-43.88	-25	Pass