1. Effective (Isotropic) Radiated Power Output Data

1.1 B30_5MHz_EIRP

1.1.1 Test Result

Band: 30 / 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	19.40	3.47	22.87	<=23.98	Pass
			13	19.38	3.47	22.85	<=23.98	Pass
			24	19.24	3.47	22.71	<=23.98	Pass
		12	0	18.42	3.47	21.89	<=23.98	Pass
			6	18.49	3.47	21.96	<=23.98	Pass
			13	18.44	3.47	21.91	<=23.98	Pass
		25	0	18.45	3.47	21.92	<=23.98	Pass
	2310	1	0	19.18	3.47	22.65	<=23.98	Pass
			13	19.19	3.47	22.66	<=23.98	Pass
			24	19.04	3.47	22.51	<=23.98	Pass
		12	0	18.44	3.47	21.91	<=23.98	Pass
			6	18.57	3.47	22.04	<=23.98	Pass
			13	18.43	3.47	21.90	<=23.98	Pass
		25	0	18.45	3.47	21.92	<=23.98	Pass
	2312.5	1	0	19.20	3.47	22.67	<=23.98	Pass
			13	19.57	3.47	23.04	<=23.98	Pass
			24	19.41	3.47	22.88	<=23.98	Pass
		12	0	18.45	3.47	21.92	<=23.98	Pass
			6	18.46	3.47	21.93	<=23.98	Pass
			13	18.47	3.47	21.94	<=23.98	Pass
		25	0	18.54	3.47	22.01	<=23.98	Pass
16QAM	2307.5	1	0	17.80	3.47	21.27	<=23.98	Pass
			13	18.48	3.47	21.95	<=23.98	Pass
			24	17.84	3.47	21.31	<=23.98	Pass
		12	0	17.59	3.47	21.06	<=23.98	Pass
			6	17.47	3.47	20.94	<=23.98	Pass
			13	17.40	3.47	20.87	<=23.98	Pass
		25	0	17.57	3.47	21.04	<=23.98	Pass
	2310	1	0	18.78	3.47	22.25	<=23.98	Pass
			13	18.89	3.47	22.36	<=23.98	Pass
			24	18.71	3.47	22.18	<=23.98	Pass
		12	0	17.33	3.47	20.80	<=23.98	Pass
			6	17.33	3.47	20.80	<=23.98	Pass
			13	17.12	3.47	20.59	<=23.98	Pass
		25	0	17.58	3.47	21.05	<=23.98	Pass
	2312.5	1	0	18.44	3.47	21.91	<=23.98	Pass
			13	19.27	3.47	22.74	<=23.98	Pass
			24	18.59	3.47	22.06	<=23.98	Pass
		12	0	17.46	3.47	20.93	<=23.98	Pass
			6	17.19	3.47	20.66	<=23.98	Pass
			13	17.19	3.47	20.66	<=23.98	Pass
		25	0	17.55	3.47	21.02	<=23.98	Pass
64QAM	2307.5	1	0	17.68	3.47	21.15	<=23.98	Pass
			13	17.59	3.47	21.06	<=23.98	Pass
			24	17.62	3.47	21.09	<=23.98	Pass
		12	0	16.31	3.47	19.78	<=23.98	Pass
			6	16.60	3.47	20.07	<=23.98	Pass

			13	16.58	3.47	20.05	<=23.98	Pass
		25	0	16.49	3.47	19.96	<=23.98	Pass
	2310	1	0	17.75	3.47	21.22	<=23.98	Pass
			13	17.82	3.47	21.29	<=23.98	Pass
			24	17.40	3.47	20.87	<=23.98	Pass
		12	0	16.55	3.47	20.02	<=23.98	Pass
			6	16.80	3.47	20.27	<=23.98	Pass
			13	16.74	3.47	20.21	<=23.98	Pass
		25	0	16.47	3.47	19.94	<=23.98	Pass
	2312.5	1	0	16.82	3.47	20.29	<=23.98	Pass
			13	17.70	3.47	21.17	<=23.98	Pass
			24	16.45	3.47	19.92	<=23.98	Pass
		12	0	16.26	3.47	19.73	<=23.98	Pass
			6	16.26	3.47	19.73	<=23.98	Pass
			13	16.27	3.47	19.74	<=23.98	Pass
		25	0	16.55	3.47	20.02	<=23.98	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.2 B30_10MHz_EIRP

1.2.1 Test Result

Band: 30 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2310	1	0	19.67	3.47	23.14	<=23.98	Pass
			25	19.59	3.47	23.06	<=23.98	Pass
			49	19.59	3.47	23.06	<=23.98	Pass
		25	0	18.59	3.47	22.06	<=23.98	Pass
			13	18.58	3.47	22.05	<=23.98	Pass
			25	18.43	3.47	21.90	<=23.98	Pass
		50	0	18.57	3.47	22.04	<=23.98	Pass
16QAM	2310	1	0	18.92	3.47	22.39	<=23.98	Pass
			25	18.65	3.47	22.12	<=23.98	Pass
			49	18.54	3.47	22.01	<=23.98	Pass
		25	0	17.68	3.47	21.15	<=23.98	Pass
			13	17.69	3.47	21.16	<=23.98	Pass
			25	17.53	3.47	21.00	<=23.98	Pass
		50	0	17.41	3.47	20.88	<=23.98	Pass
64QAM	2310	1	0	18.18	3.47	21.65	<=23.98	Pass
			25	18.37	3.47	21.84	<=23.98	Pass
			49	18.36	3.47	21.83	<=23.98	Pass
		25	0	16.89	3.47	20.36	<=23.98	Pass
			13	16.47	3.47	19.94	<=23.98	Pass
			25	16.32	3.47	19.79	<=23.98	Pass
		50	0	16.61	3.47	20.08	<=23.98	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

2. Frequency Stability

2.1 B30_5MHz

2.1.1 Test Result

Band: 30 / 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	2.646	0.0011	-2.5 to 2.5	Pass
					7.20	3.920	0.0017	-2.5 to 2.5	Pass
					8.28	1.259	0.0005	-2.5 to 2.5	Pass
				-30	7.20	4.749	0.0021	-2.5 to 2.5	Pass
				-20	7.20	1.788	0.0008	-2.5 to 2.5	Pass
				-10	7.20	2.832	0.0012	-2.5 to 2.5	Pass
				0	7.20	3.347	0.0015	-2.5 to 2.5	Pass
				10	7.20	2.031	0.0009	-2.5 to 2.5	Pass
				30	7.20	2.689	0.0012	-2.5 to 2.5	Pass
				40	7.20	4.148	0.0018	-2.5 to 2.5	Pass
				50	7.20	3.633	0.0016	-2.5 to 2.5	Pass
	2310	25	0	20	6.12	-2.260	-0.0010	-2.5 to 2.5	Pass
					7.20	-1.202	-0.0005	-2.5 to 2.5	Pass
					8.28	-3.505	-0.0015	-2.5 to 2.5	Pass
				-30	7.20	-3.119	-0.0014	-2.5 to 2.5	Pass
				-20	7.20	-3.433	-0.0015	-2.5 to 2.5	Pass
				-10	7.20	-1.130	-0.0005	-2.5 to 2.5	Pass
				0	7.20	-1.845	-0.0008	-2.5 to 2.5	Pass
				10	7.20	-2.246	-0.0010	-2.5 to 2.5	Pass
				30	7.20	-2.060	-0.0009	-2.5 to 2.5	Pass
				40	7.20	-3.090	-0.0013	-2.5 to 2.5	Pass
				50	7.20	-2.689	-0.0012	-2.5 to 2.5	Pass
	2312.5	25	0	20	6.12	2.961	0.0013	-2.5 to 2.5	Pass
					7.20	3.333	0.0014	-2.5 to 2.5	Pass
					8.28	-0.701	-0.0003	-2.5 to 2.5	Pass
				-30	7.20	3.333	0.0014	-2.5 to 2.5	Pass
				-20	7.20	3.519	0.0015	-2.5 to 2.5	Pass
				-10	7.20	2.675	0.0012	-2.5 to 2.5	Pass
				0	7.20	2.303	0.0010	-2.5 to 2.5	Pass
				10	7.20	3.977	0.0017	-2.5 to 2.5	Pass
				30	7.20	2.289	0.0010	-2.5 to 2.5	Pass
				40	7.20	4.063	0.0018	-2.5 to 2.5	Pass
				50	7.20	2.689	0.0012	-2.5 to 2.5	Pass
16QAM	2307.5	25	0	20	6.12	4.506	0.0020	-2.5 to 2.5	Pass
					7.20	3.161	0.0014	-2.5 to 2.5	Pass
					8.28	1.860	0.0008	-2.5 to 2.5	Pass
				-30	7.20	4.935	0.0021	-2.5 to 2.5	Pass
				-20	7.20	3.333	0.0014	-2.5 to 2.5	Pass
				-10	7.20	2.031	0.0009	-2.5 to 2.5	Pass
				0	7.20	2.789	0.0012	-2.5 to 2.5	Pass
				10	7.20	4.077	0.0018	-2.5 to 2.5	Pass
				30	7.20	2.389	0.0010	-2.5 to 2.5	Pass
				40	7.20	2.718	0.0012	-2.5 to 2.5	Pass
				50	7.20	3.104	0.0013	-2.5 to 2.5	Pass
	2310	25	0	20	6.12	-2.818	-0.0012	-2.5 to 2.5	Pass
					7.20	-4.807	-0.0021	-2.5 to 2.5	Pass
					8.28	-5.808	-0.0025	-2.5 to 2.5	Pass

				-30	7.20	-2.332	-0.0010	-2.5 to 2.5	Pass
				-20	7.20	-1.473	-0.0006	-2.5 to 2.5	Pass
				-10	7.20	-2.103	-0.0009	-2.5 to 2.5	Pass
				0	7.20	-1.845	-0.0008	-2.5 to 2.5	Pass
				10	7.20	-2.060	-0.0009	-2.5 to 2.5	Pass
				30	7.20	-2.604	-0.0011	-2.5 to 2.5	Pass
				40	7.20	-3.219	-0.0014	-2.5 to 2.5	Pass
				50	7.20	-3.934	-0.0017	-2.5 to 2.5	Pass
	2312.5	25	0	20	6.12	5.322	0.0023	-2.5 to 2.5	Pass
					7.20	2.403	0.0010	-2.5 to 2.5	Pass
					8.28	4.392	0.0019	-2.5 to 2.5	Pass
				-30	7.20	4.764	0.0021	-2.5 to 2.5	Pass
				-20	7.20	5.708	0.0025	-2.5 to 2.5	Pass
				-10	7.20	3.476	0.0015	-2.5 to 2.5	Pass
				0	7.20	2.232	0.0010	-2.5 to 2.5	Pass
				10	7.20	3.576	0.0015	-2.5 to 2.5	Pass
				30	7.20	3.433	0.0015	-2.5 to 2.5	Pass
				40	7.20	2.904	0.0013	-2.5 to 2.5	Pass
				50	7.20	3.920	0.0017	-2.5 to 2.5	Pass
64QAM	2307.5	25	0	20	6.12	3.319	0.0014	-2.5 to 2.5	Pass
					7.20	2.661	0.0012	-2.5 to 2.5	Pass
					8.28	5.064	0.0022	-2.5 to 2.5	Pass
				-30	7.20	2.947	0.0013	-2.5 to 2.5	Pass
				-20	7.20	2.618	0.0011	-2.5 to 2.5	Pass
				-10	7.20	3.419	0.0015	-2.5 to 2.5	Pass
				0	7.20	3.347	0.0015	-2.5 to 2.5	Pass
				10	7.20	4.907	0.0021	-2.5 to 2.5	Pass
				30	7.20	4.077	0.0018	-2.5 to 2.5	Pass
				40	7.20	4.106	0.0018	-2.5 to 2.5	Pass
				50	7.20	3.819	0.0017	-2.5 to 2.5	Pass
	2310	25	0	20	6.12	-1.473	-0.0006	-2.5 to 2.5	Pass
					7.20	-2.575	-0.0011	-2.5 to 2.5	Pass
					8.28	-3.548	-0.0015	-2.5 to 2.5	Pass
				-30	7.20	-2.804	-0.0012	-2.5 to 2.5	Pass
				-20	7.20	-3.061	-0.0013	-2.5 to 2.5	Pass
				-10	7.20	-3.562	-0.0015	-2.5 to 2.5	Pass
				0	7.20	-3.061	-0.0013	-2.5 to 2.5	Pass
				10	7.20	-4.463	-0.0019	-2.5 to 2.5	Pass
				30	7.20	-2.518	-0.0011	-2.5 to 2.5	Pass
				40	7.20	-1.974	-0.0009	-2.5 to 2.5	Pass
				50	7.20	-3.705	-0.0016	-2.5 to 2.5	Pass
	2312.5	25	0	20	6.12	1.416	0.0006	-2.5 to 2.5	Pass
					7.20	2.232	0.0010	-2.5 to 2.5	Pass
					8.28	2.260	0.0010	-2.5 to 2.5	Pass
				-30	7.20	1.373	0.0006	-2.5 to 2.5	Pass
				-20	7.20	1.974	0.0009	-2.5 to 2.5	Pass
				-10	7.20	1.903	0.0008	-2.5 to 2.5	Pass
				0	7.20	1.731	0.0007	-2.5 to 2.5	Pass
				10	7.20	1.917	0.0008	-2.5 to 2.5	Pass
				30	7.20	3.347	0.0014	-2.5 to 2.5	Pass
				40	7.20	1.044	0.0005	-2.5 to 2.5	Pass
				50	7.20	3.376	0.0015	-2.5 to 2.5	Pass

2.2 B30_10MHz

2.2.1 Test Result

Band: 30 / 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	-2.975	-0.0013	-2.5 to 2.5	Pass
					7.20	-3.934	-0.0017	-2.5 to 2.5	Pass
					8.28	-4.234	-0.0018	-2.5 to 2.5	Pass
				-30	7.20	-1.373	-0.0006	-2.5 to 2.5	Pass
				-20	7.20	-4.134	-0.0018	-2.5 to 2.5	Pass
				-10	7.20	-5.865	-0.0025	-2.5 to 2.5	Pass
				0	7.20	-2.646	-0.0011	-2.5 to 2.5	Pass
				10	7.20	-2.317	-0.0010	-2.5 to 2.5	Pass
				30	7.20	-1.302	-0.0006	-2.5 to 2.5	Pass
				40	7.20	-3.505	-0.0015	-2.5 to 2.5	Pass
				50	7.20	-4.363	-0.0019	-2.5 to 2.5	Pass
16QAM	2310	50	0	20	6.12	-2.918	-0.0013	-2.5 to 2.5	Pass
					7.20	-2.861	-0.0012	-2.5 to 2.5	Pass
					8.28	-2.260	-0.0010	-2.5 to 2.5	Pass
				-30	7.20	-2.832	-0.0012	-2.5 to 2.5	Pass
				-20	7.20	-3.619	-0.0016	-2.5 to 2.5	Pass
				-10	7.20	-2.489	-0.0011	-2.5 to 2.5	Pass
				0	7.20	-2.189	-0.0009	-2.5 to 2.5	Pass
				10	7.20	-3.090	-0.0013	-2.5 to 2.5	Pass
				30	7.20	-4.120	-0.0018	-2.5 to 2.5	Pass
				40	7.20	-0.858	-0.0004	-2.5 to 2.5	Pass
				50	7.20	-3.719	-0.0016	-2.5 to 2.5	Pass
64QAM	2310	50	0	20	6.12	-2.861	-0.0012	-2.5 to 2.5	Pass
					7.20	-2.904	-0.0013	-2.5 to 2.5	Pass
					8.28	-1.702	-0.0007	-2.5 to 2.5	Pass
				-30	7.20	-4.249	-0.0018	-2.5 to 2.5	Pass
				-20	7.20	-3.691	-0.0016	-2.5 to 2.5	Pass
				-10	7.20	-2.232	-0.0010	-2.5 to 2.5	Pass
				0	7.20	-2.031	-0.0009	-2.5 to 2.5	Pass
				10	7.20	-3.548	-0.0015	-2.5 to 2.5	Pass
				30	7.20	-3.963	-0.0017	-2.5 to 2.5	Pass
				40	7.20	-2.704	-0.0012	-2.5 to 2.5	Pass
				50	7.20	-2.260	-0.0010	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Band30_OBW

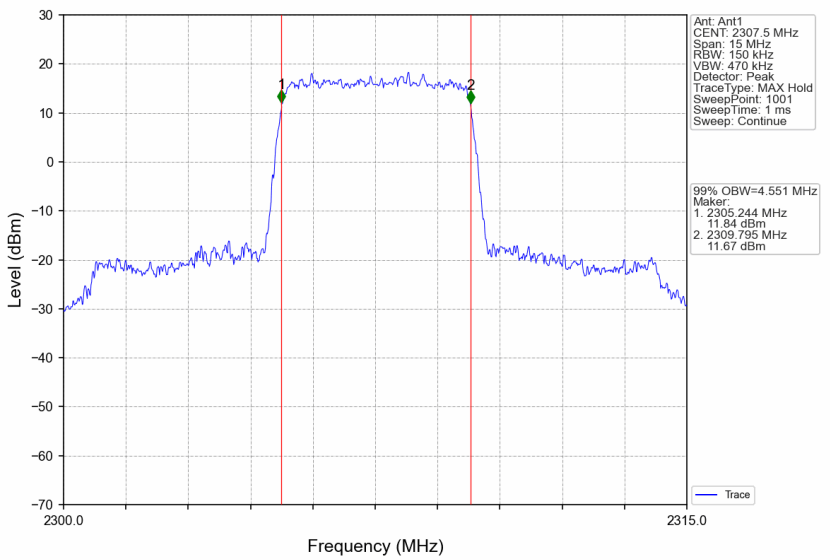
3.1.1 Test Result

Band: 30 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2307.5	25	0	4.551	/	Pass
		2310	25	0	4.534	/	Pass
		2312.5	25	0	4.539	/	Pass
	16QAM	2307.5	25	0	4.545	/	Pass

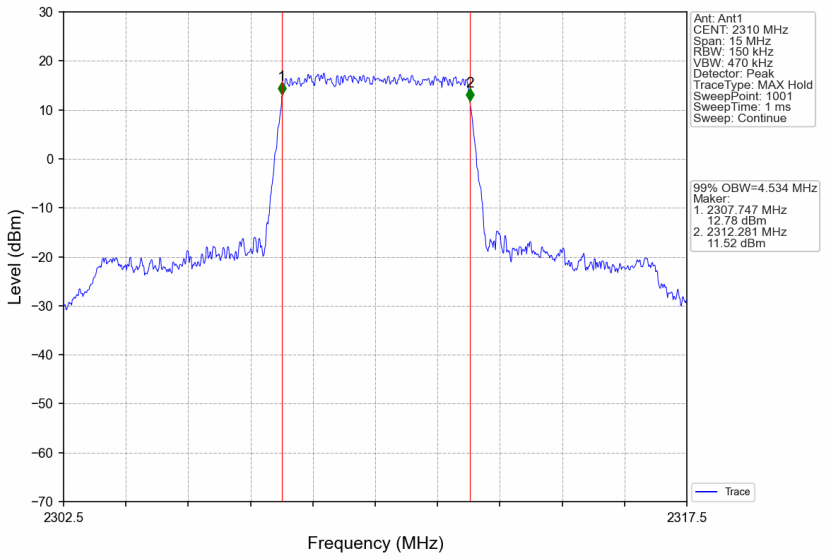
		2310	25	0	4.567	/	Pass
		2312.5	25	0	4.542	/	Pass
	64QAM	2307.5	25	0	4.541	/	Pass
		2310	25	0	4.537	/	Pass
		2312.5	25	0	4.541	/	Pass
10	QPSK	2310	50	0	9.041	/	Pass
	16QAM	2310	50	0	9.037	/	Pass
	64QAM	2310	50	0	9.011	/	Pass

3.1.2 Test Graph

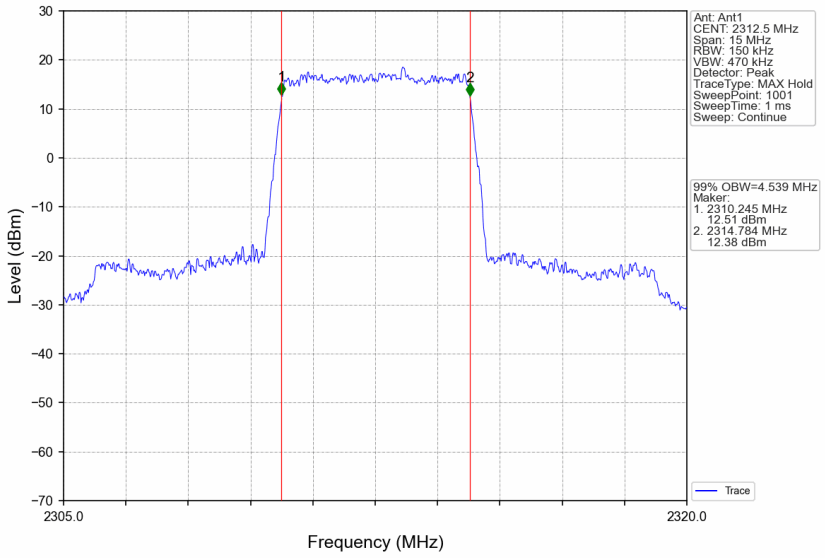
Band30_5MHz_QPSK_LCH_2307.5MHz_RB_25_0_NTNV



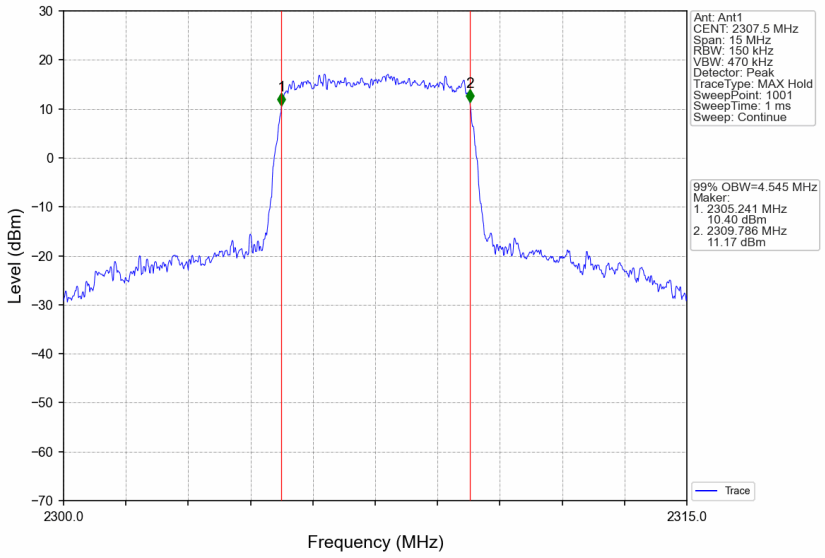
Band30_5MHz_QPSK_MCH_2310MHz_RB_25_0_NTNV



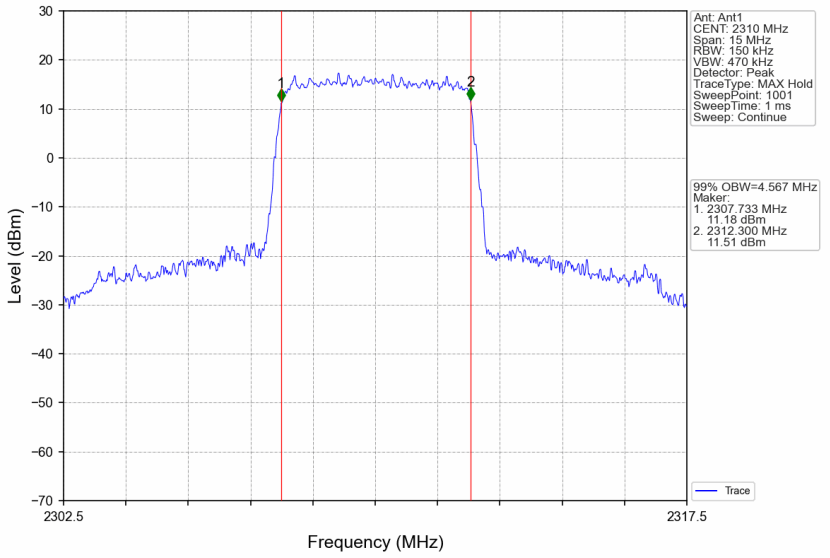
Band30_5MHz_QPSK_HCH_2312.5MHz_RB_25_0_NTNV



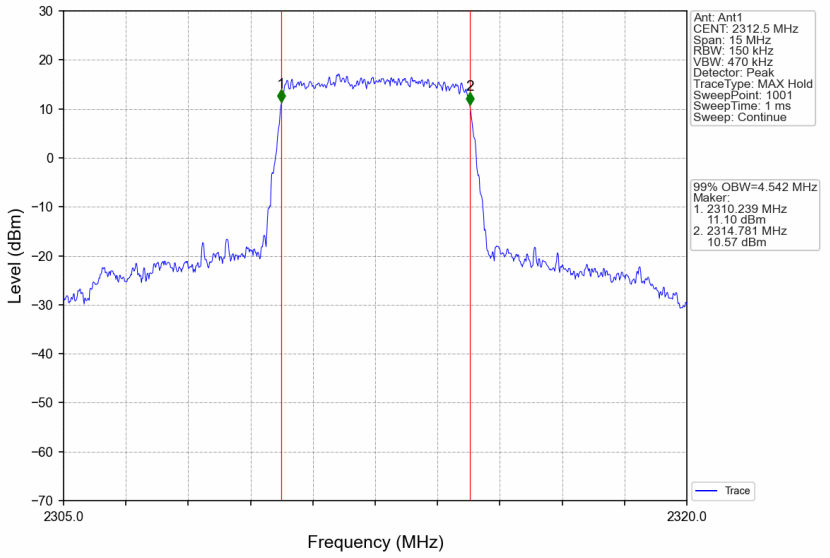
Band30_5MHz_16QAM_LCH_2307.5MHz_RB_25_0_NTNV



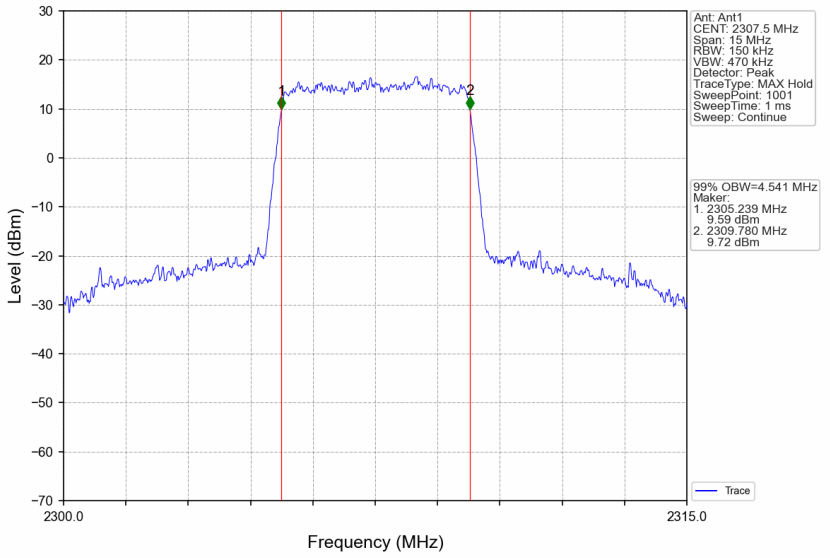
Band30_5MHz_16QAM_MCH_2310MHz_RB_25_0_NTNV



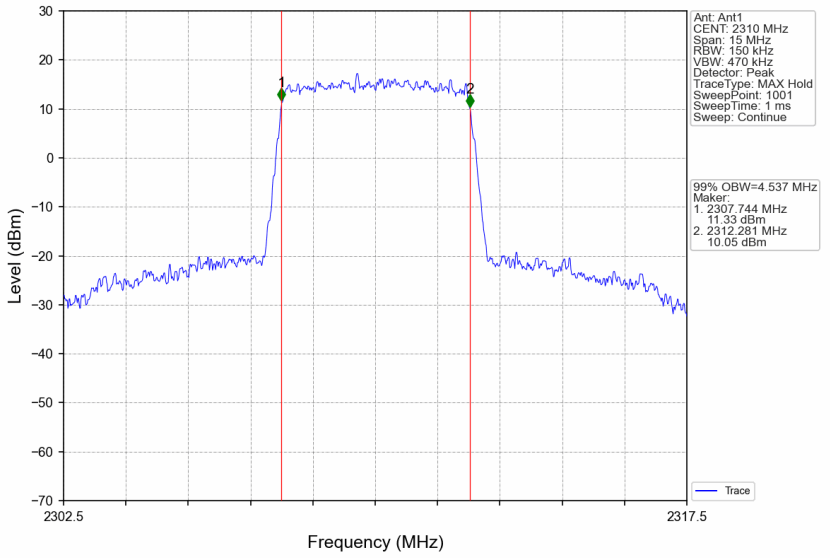
Band30_5MHz_16QAM_HCH_2312.5MHz_RB_25_0_NTNV



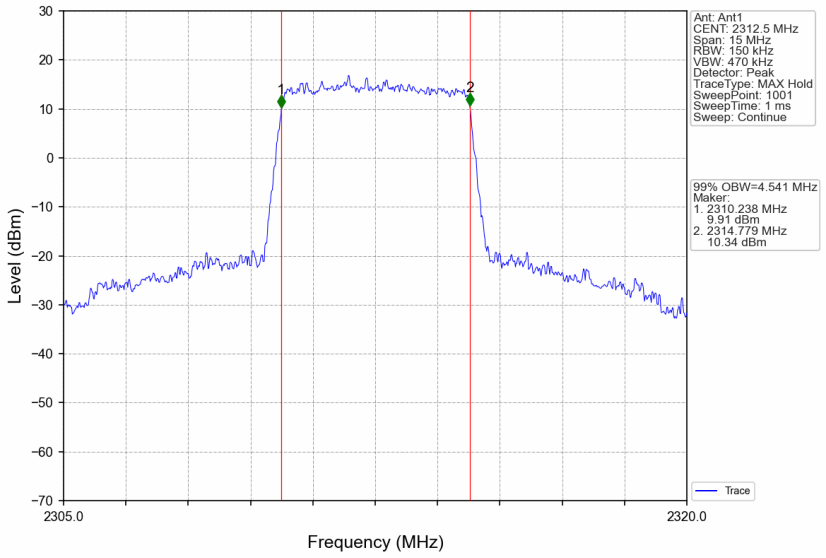
Band30_5MHz_64QAM_LCH_2307.5MHz_RB_25_0_NTNV



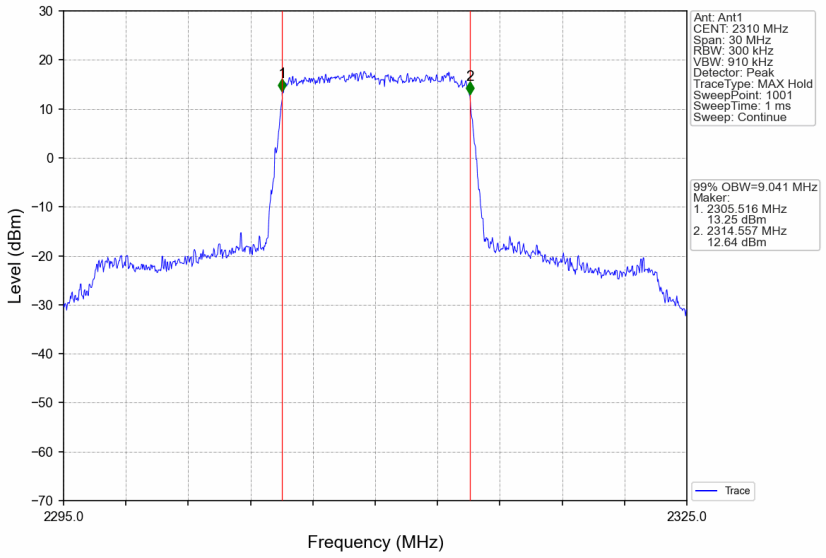
Band30_5MHz_64QAM_MCH_2310MHz_RB_25_0_NTNV



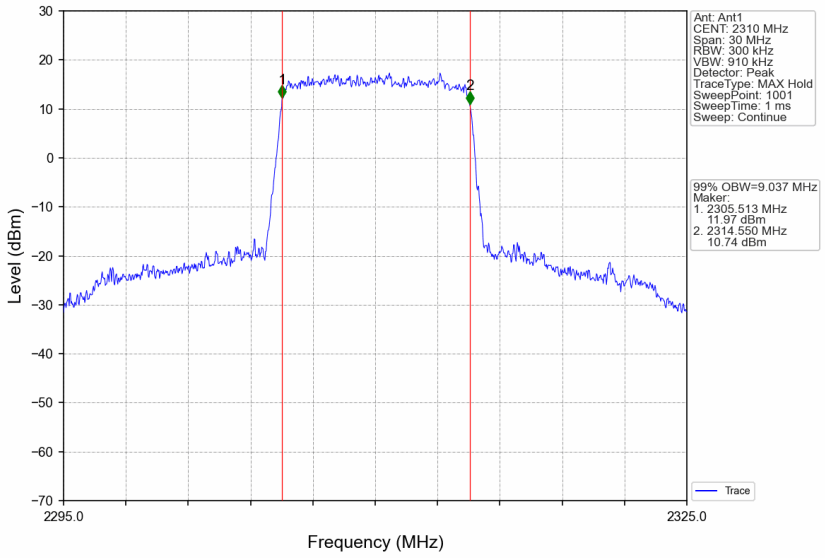
Band30_5MHz_64QAM_HCH_2312.5MHz_RB_25_0_NTNV



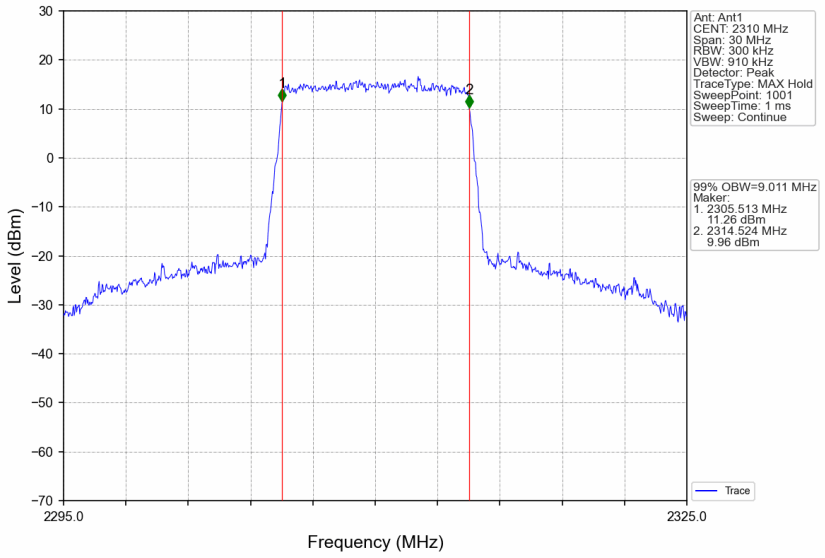
Band30_10MHz_QPSK_MCH_2310MHz_RB_50_0_NTNV



Band30_10MHz_16QAM_MCH_2310MHz_RB_50_0_NTNV



Band30_10MHz_64QAM_MCH_2310MHz_RB_50_0_NTNV



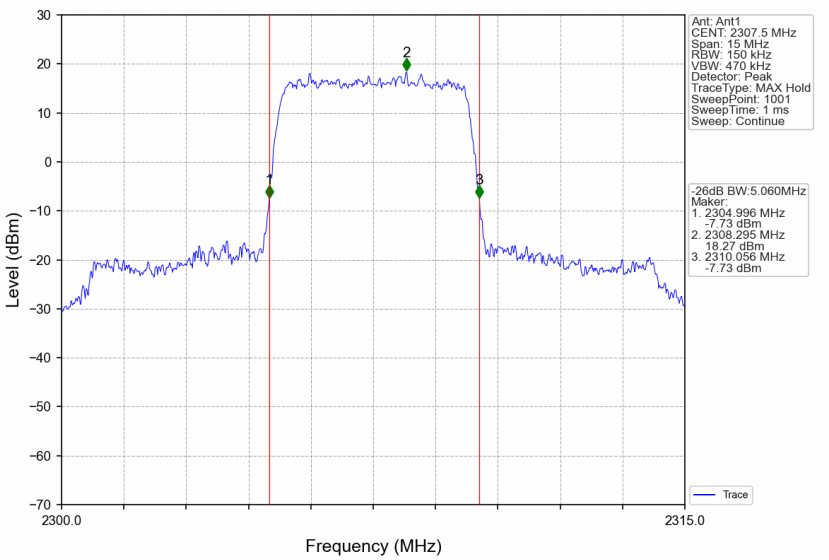
4.2 Band30_XDB

4.2.1 Test Result

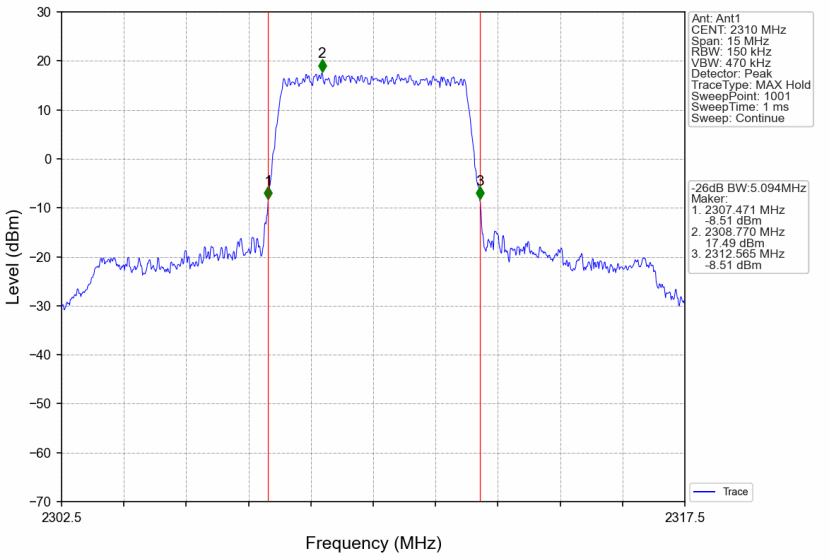
Band: 30 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2307.5	25	0	5.060	/	Pass
		2310	25	0	5.094	/	Pass
		2312.5	25	0	5.087	/	Pass
	16QAM	2307.5	25	0	5.045	/	Pass
		2310	25	0	5.060	/	Pass
		2312.5	25	0	5.099	/	Pass
	64QAM	2307.5	25	0	5.074	/	Pass
		2310	25	0	5.033	/	Pass
		2312.5	25	0	5.059	/	Pass
10	QPSK	2310	50	0	10.093	/	Pass
	16QAM	2310	50	0	10.033	/	Pass
	64QAM	2310	50	0	9.980	/	Pass

4.2.2 Test Graph

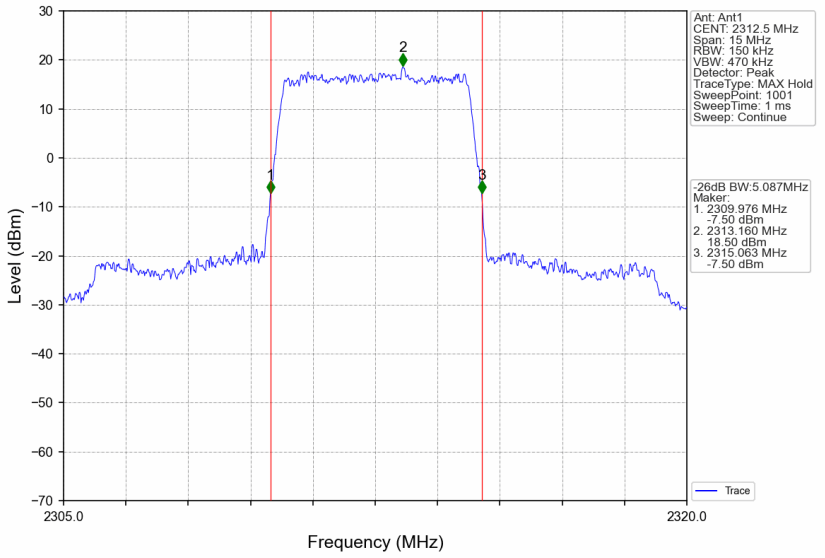
Band30_5MHz_QPSK_LCH_2307.5MHz_RB_25_0_NTNV



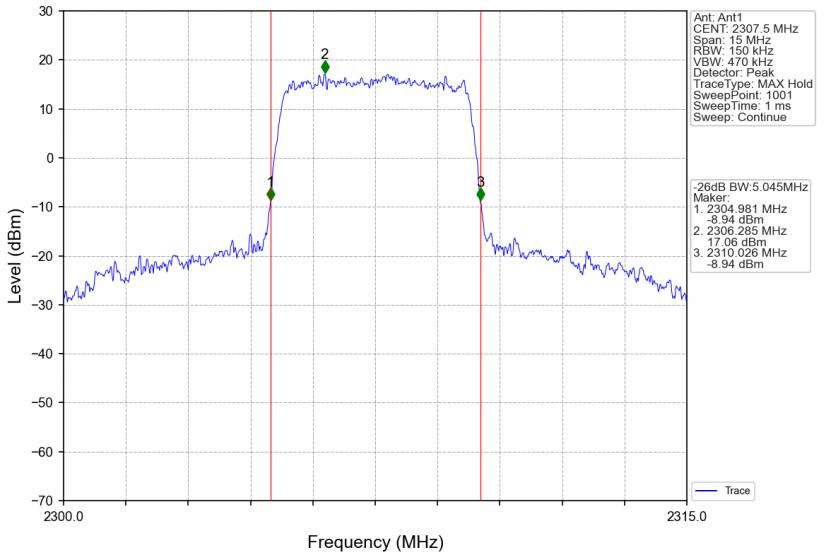
Band30_5MHz_QPSK_MCH_2310MHz_RB_25_0_NTNV



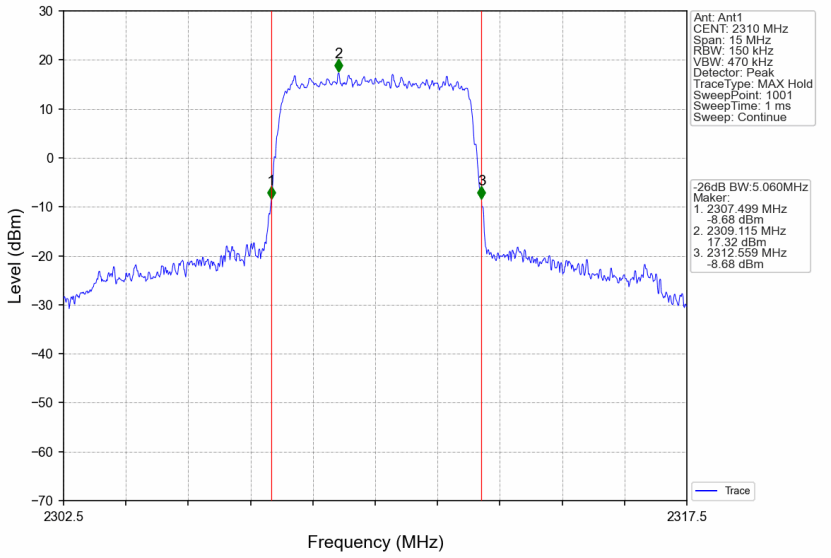
Band30_5MHz_QPSK_HCH_2312.5MHz_RB_25_0_NTNV



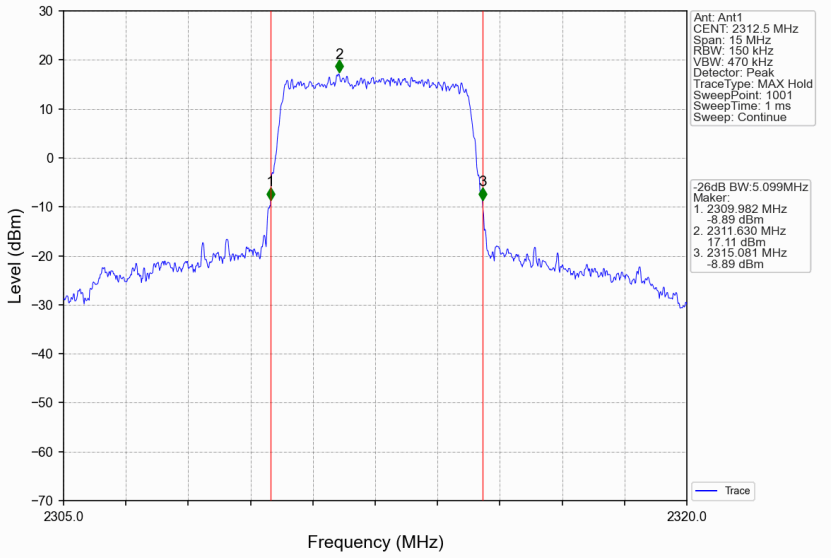
Band30_5MHz_16QAM_LCH_2307.5MHz_RB_25_0_NTNV



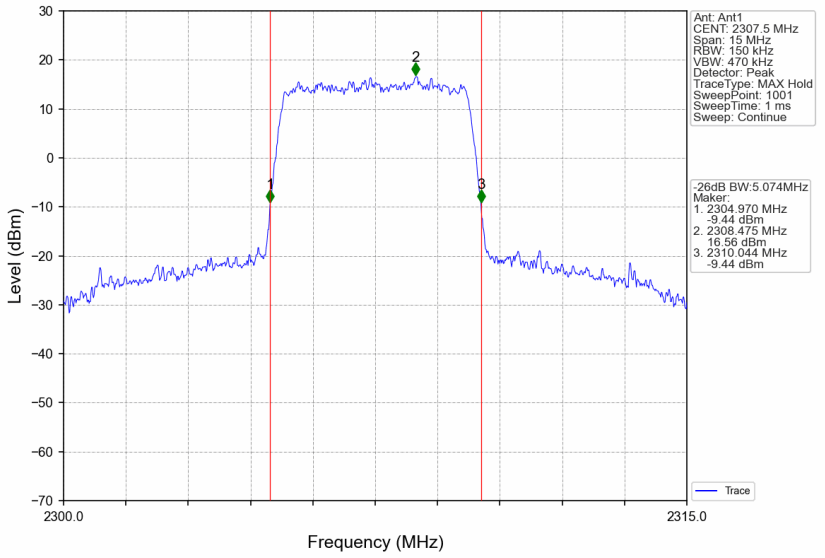
Band30_5MHz_16QAM_MCH_2310MHz_RB_25_0_NTNV



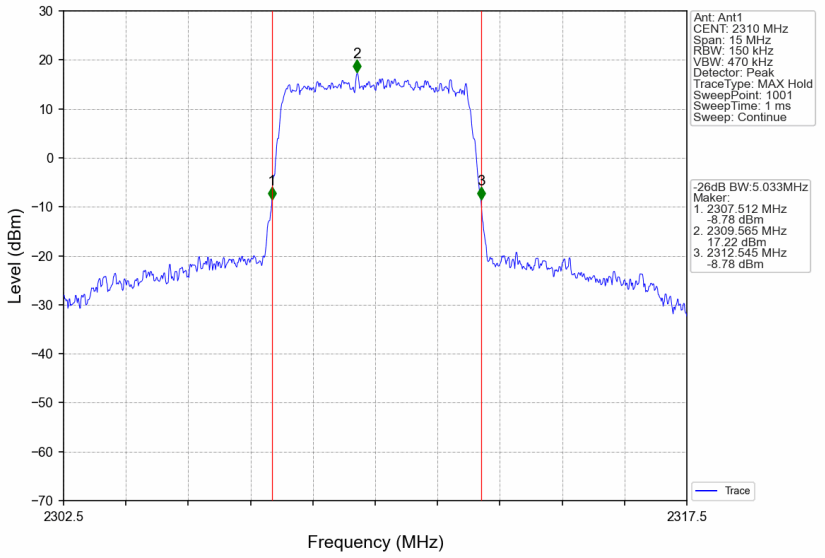
Band30_5MHz_16QAM_HCH_2312.5MHz_RB_25_0_NTNV



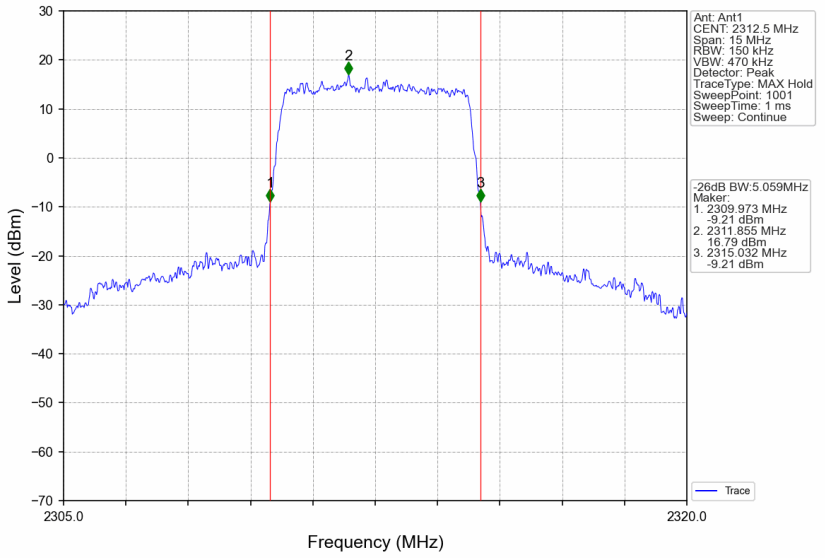
Band30_5MHz_64QAM_LCH_2307.5MHz_RB_25_0_NTNV



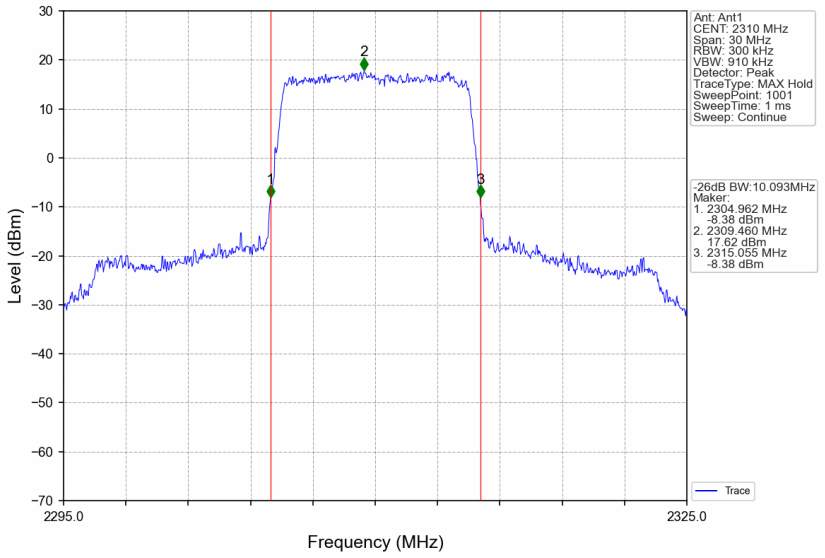
Band30_5MHz_64QAM_MCH_2310MHz_RB_25_0_NTNV



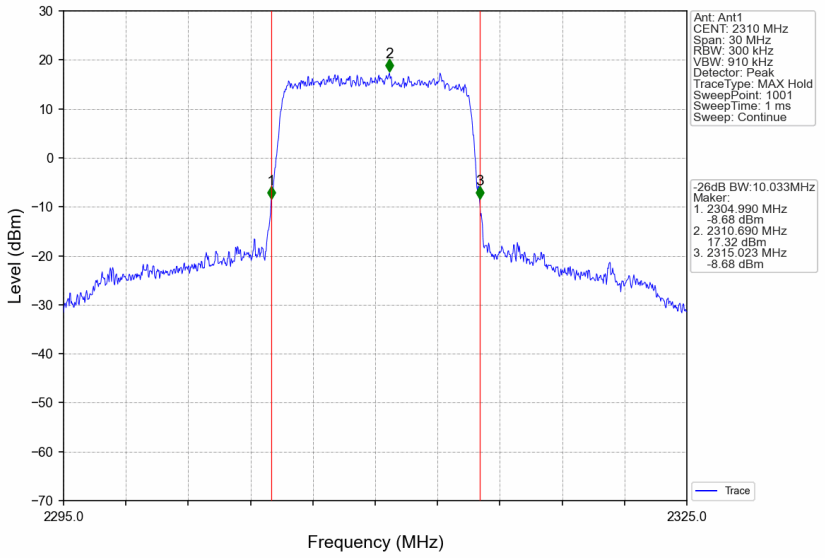
Band30_5MHz_64QAM_HCH_2312.5MHz_RB_25_0_NTNV



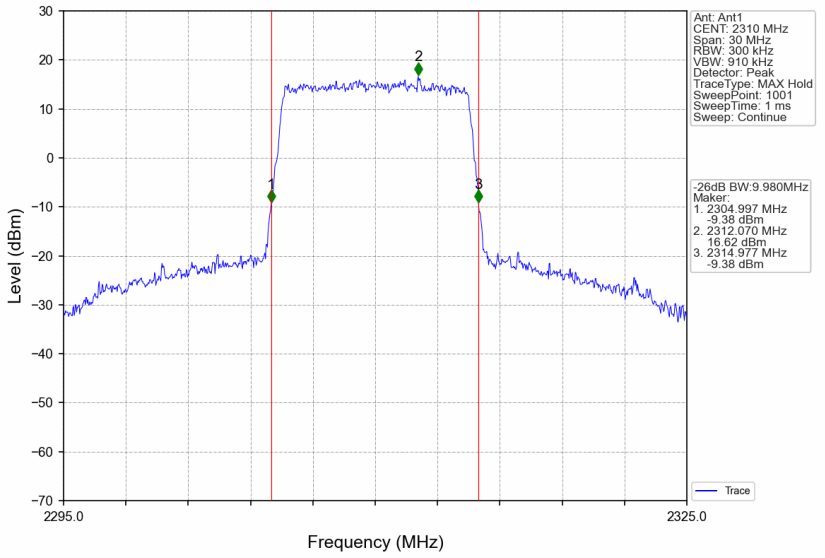
Band30_10MHz_QPSK_MCH_2310MHz_RB_50_0_NTNV



Band30_10MHz_16QAM_MCH_2310MHz_RB_50_0_NTNV



Band30_10MHz_64QAM_MCH_2310MHz_RB_50_0_NTNV



5. Peak-Average Ratio

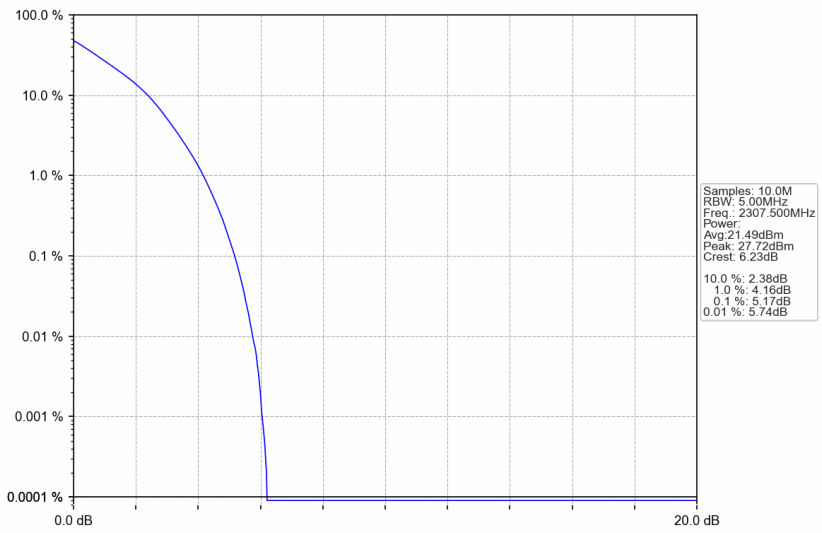
5.1 B30_5MHz

5.1.1 Test Result

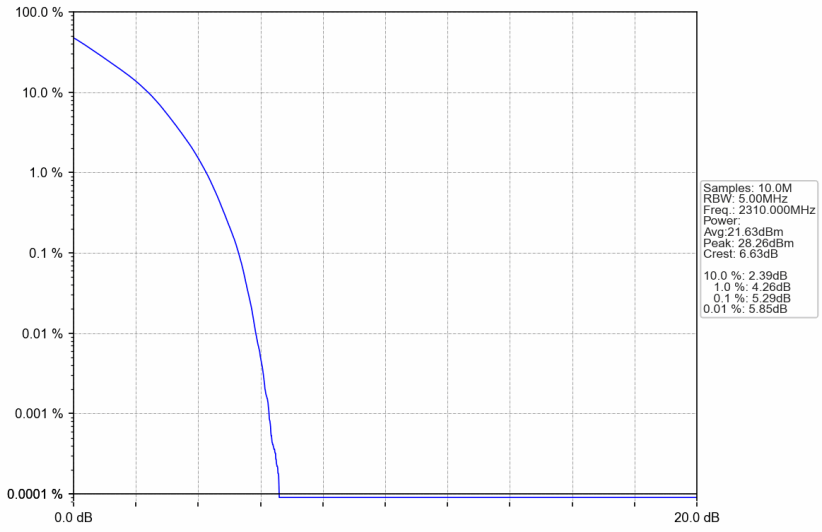
Band: 30 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2307.5	25	0	5.17	<=13	Pass
	2310	25	0	5.29	<=13	Pass
	2312.5	25	0	5.23	<=13	Pass
16QAM	2307.5	25	0	5.94	<=13	Pass
	2310	25	0	6.01	<=13	Pass
	2312.5	25	0	6.06	<=13	Pass
64QAM	2307.5	25	0	6.33	<=13	Pass
	2310	25	0	6.39	<=13	Pass
	2312.5	25	0	6.42	<=13	Pass

5.1.2 Test Graph

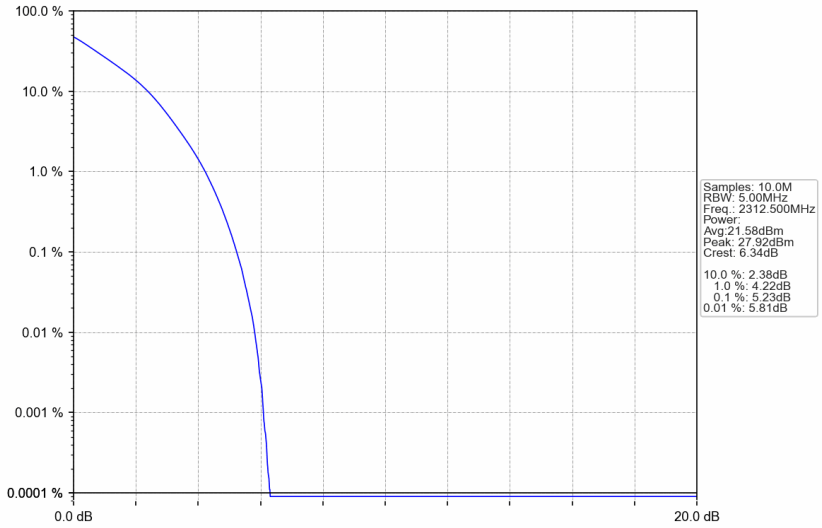
Band30_5MHz_QPSK_LCH_2307.5MHz_RB_25_0_NTNV



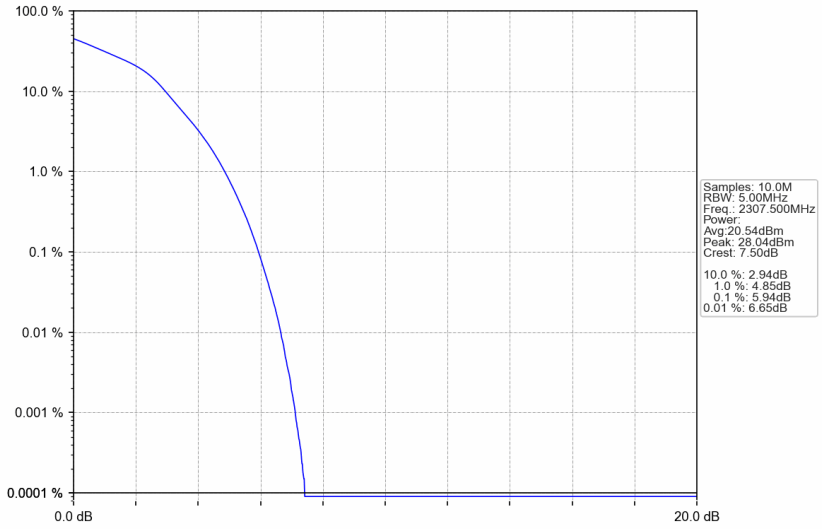
Band30_5MHz_QPSK_MCH_2310MHz_RB_25_0_NTNV



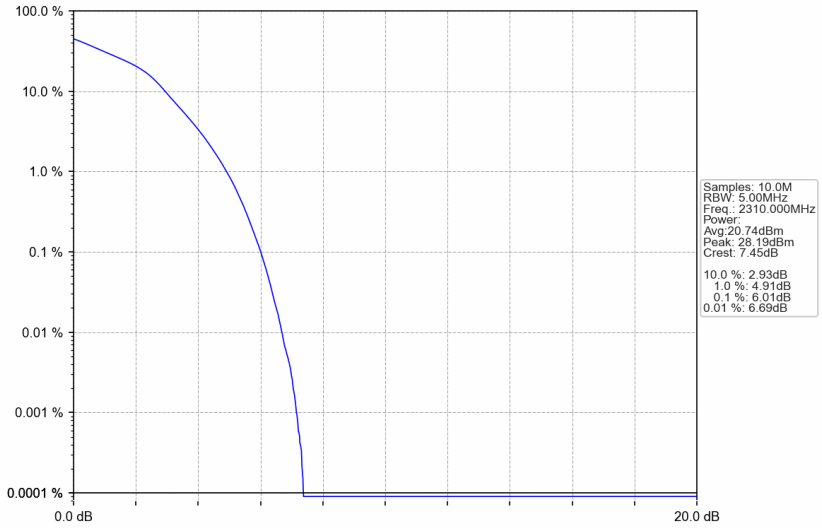
Band30_5MHz_QPSK_HCH_2312.5MHz_RB_25_0_NTNV



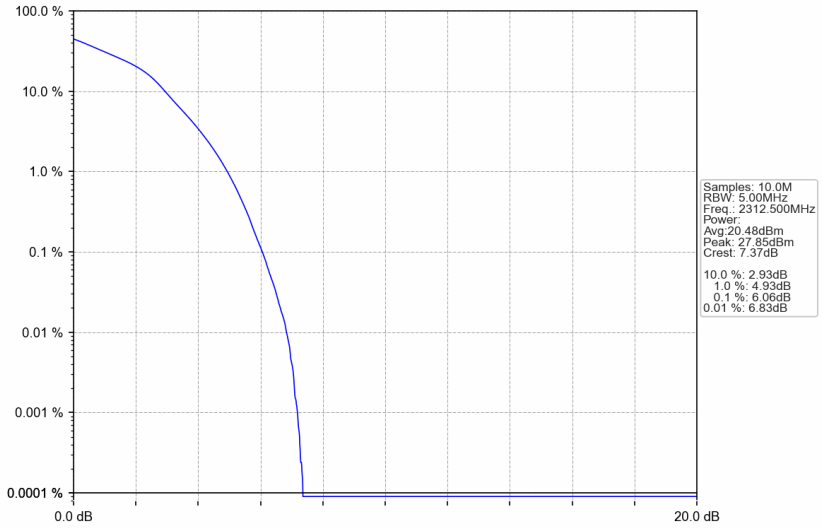
Band30_5MHz_16QAM_LCH_2307.5MHz_RB_25_0_NTNV



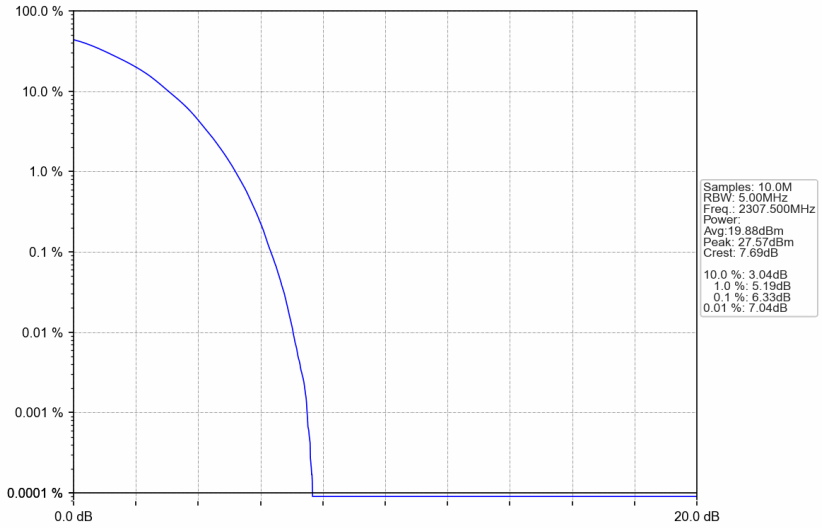
Band30_5MHz_16QAM_MCH_2310MHz_RB_25_0_NTNV



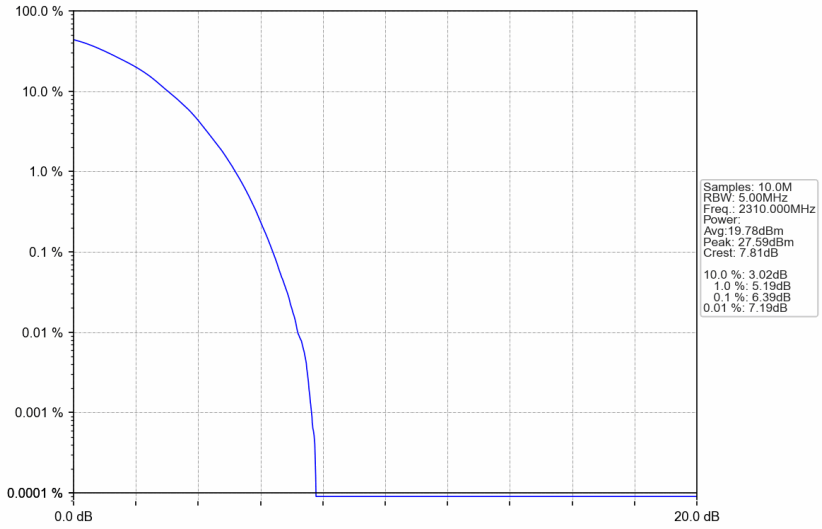
Band30_5MHz_16QAM_HCH_2312.5MHz_RB_25_0_NTNV



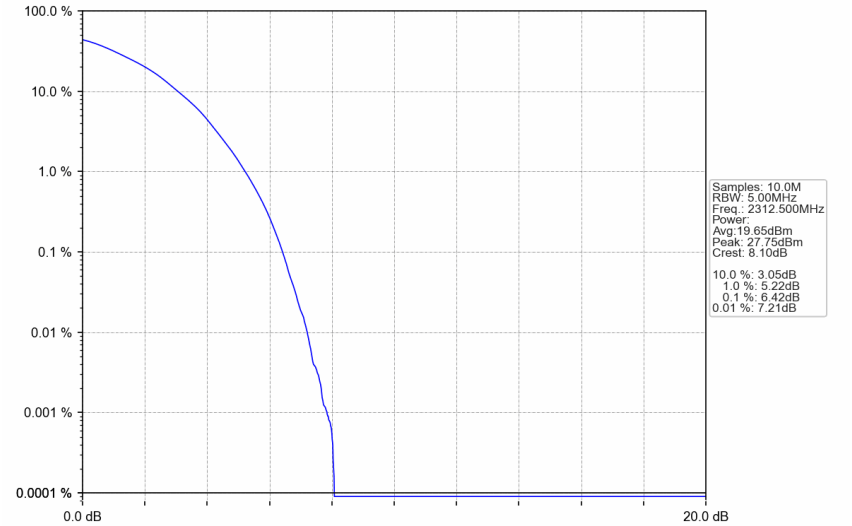
Band30_5MHz_64QAM_LCH_2307.5MHz_RB_25_0_NTNV



Band30_5MHz_64QAM_MCH_2310MHz_RB_25_0_NTNV



Band30_5MHz_64QAM_HCH_2312.5MHz_RB_25_0_NTNV



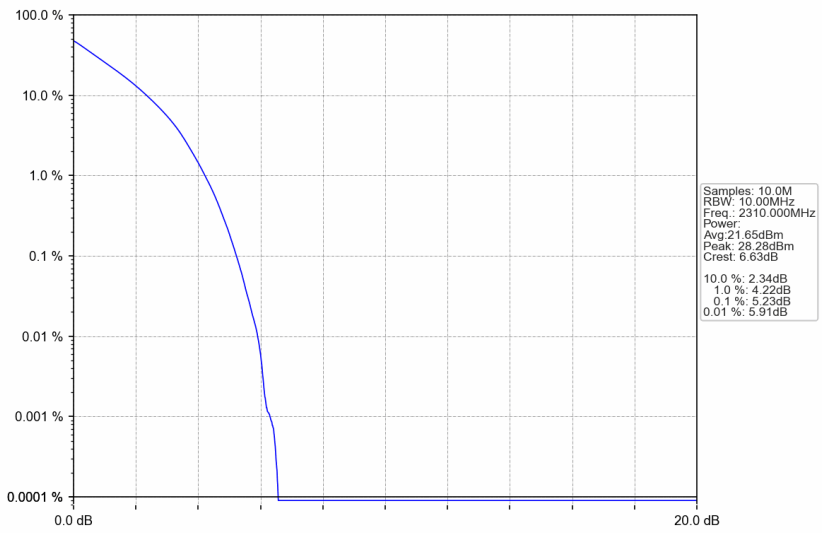
5.2 B30_10MHz

5.2.1 Test Result

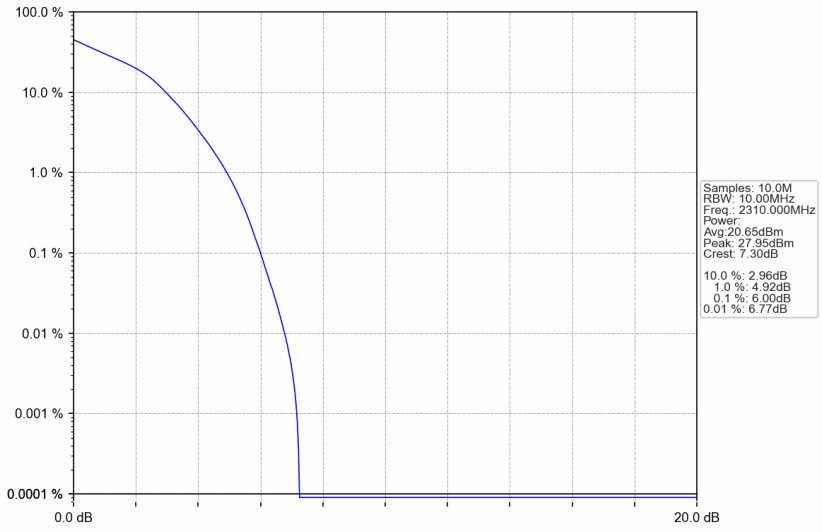
Band: 30 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2310	50	0	5.23	<=13	Pass
16QAM	2310	50	0	6.00	<=13	Pass
64QAM	2310	50	0	6.34	<=13	Pass

5.2.2 Test Graph

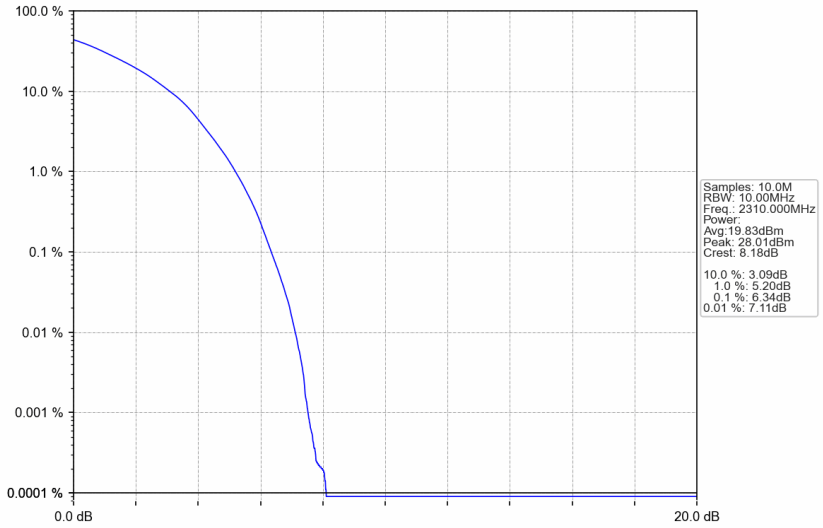
Band30_10MHz_QPSK_MCH_2310MHz_RB_50_0_NTNV



Band30_10MHz_16QAM_MCH_2310MHz_RB_50_0_NTNV



Band30_10MHz_64QAM_MCH_2310MHz_RB_50_0_NTNV



6. Spurious Emission

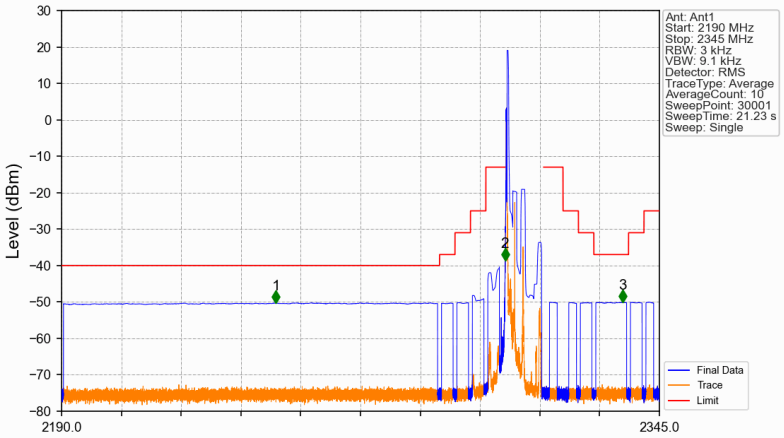
6.1 B30_5MHz

6.1.1 Test Result

Band: 30 / 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

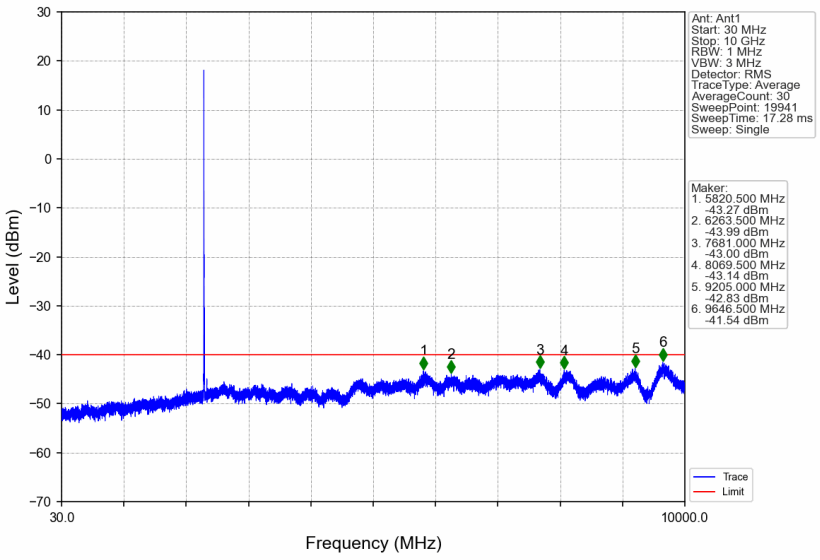
6.1.2 Test Graph

Band30_5MHz_QPSK_LCH_2307.5MHz_RB_1_0_NTNV

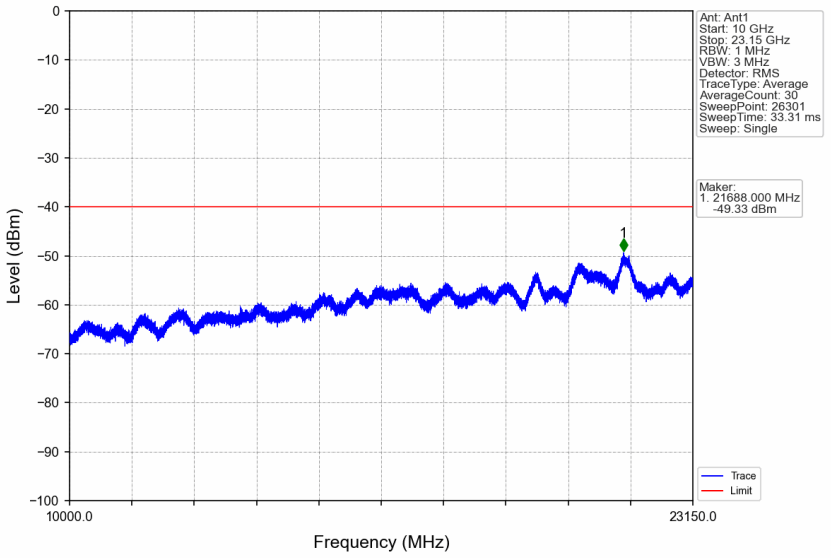


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2304	1	CHP	1	2245.573	-50.26	-40	Pass
2304	2305	0.003	/	2	2304.984	-38.62	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2345	1	CHP	3	2335.478	-50.13	-37	Pass

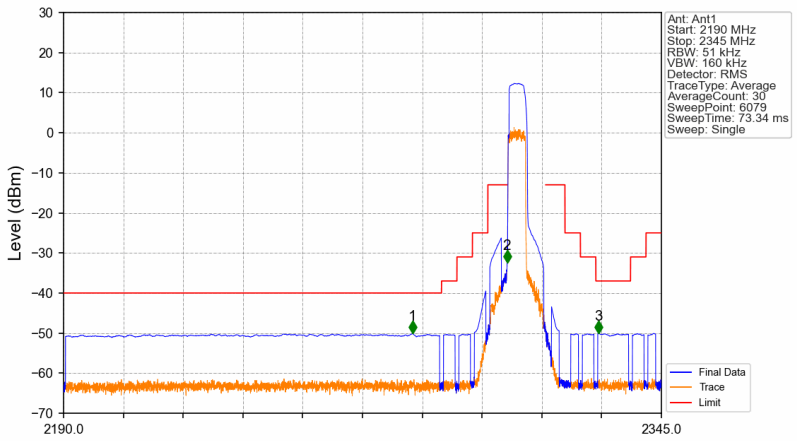
Band30_5MHz_QPSK_LCH_2307.5MHz_RB_1_0_NTNV



Band30_5MHz_QPSK_LCH_2307.5MHz_RB_1_0_NTNV

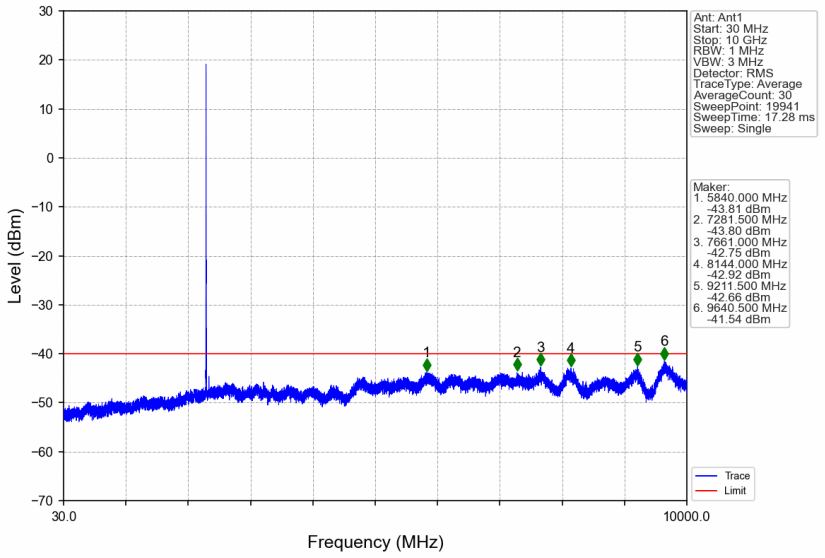


Band30_5MHz_QPSK_LCH_2307.5MHz_RB_25_0_NTNV

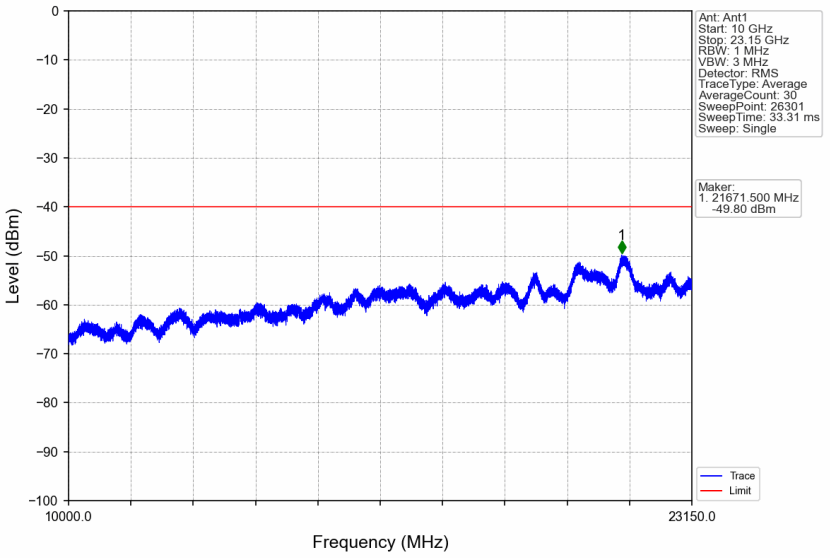


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2304	1	CHP	1	2280.480	-50.11	-40	Pass
2304	2305	0.051	/	2	2304.988	-32.48	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2345	1	CHP	3	2328.730	-50.06	-37	Pass

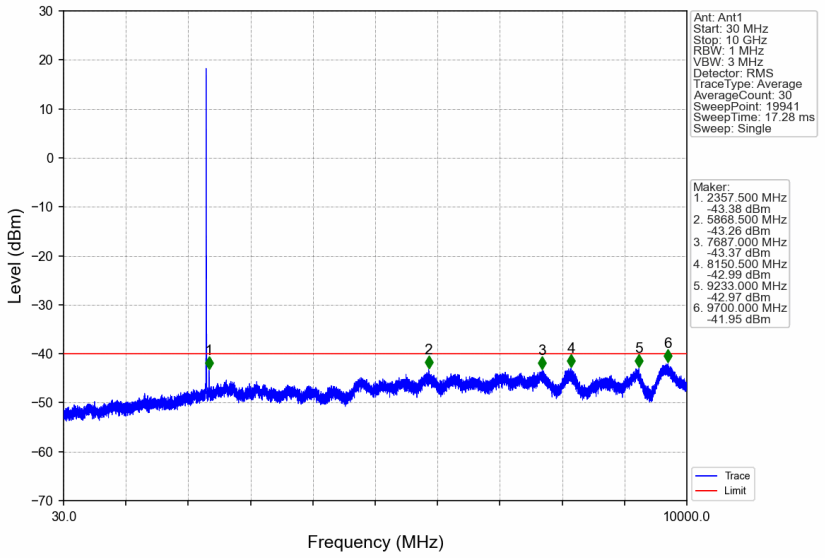
Band30_5MHz_QPSK_MCH_2310MHz_RB_1_0_NTNV



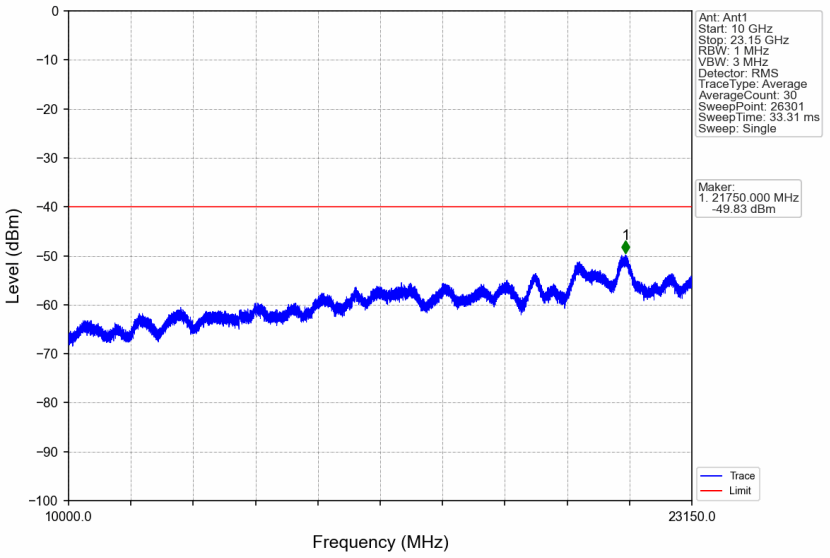
Band30_5MHz_QPSK_MCH_2310MHz_RB_1_0_NTNV



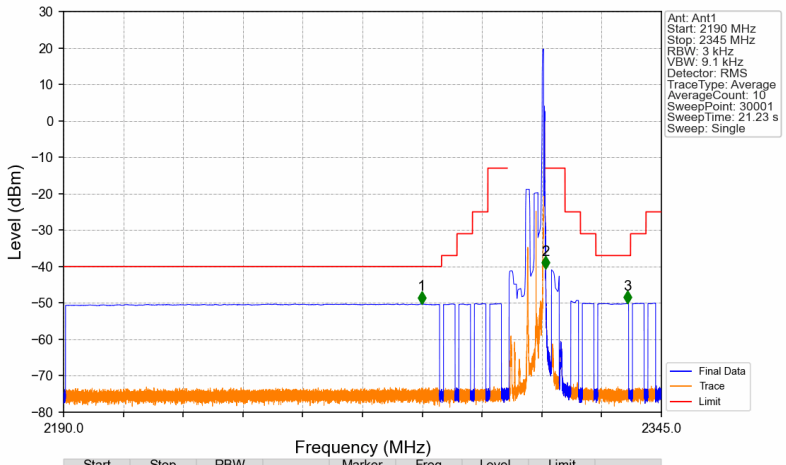
Band30_5MHz_QPSK_HCH_2312.5MHz_RB_1_0_NTNV



Band30_5MHz_QPSK_HCH_2312.5MHz_RB_1_0_NTNV

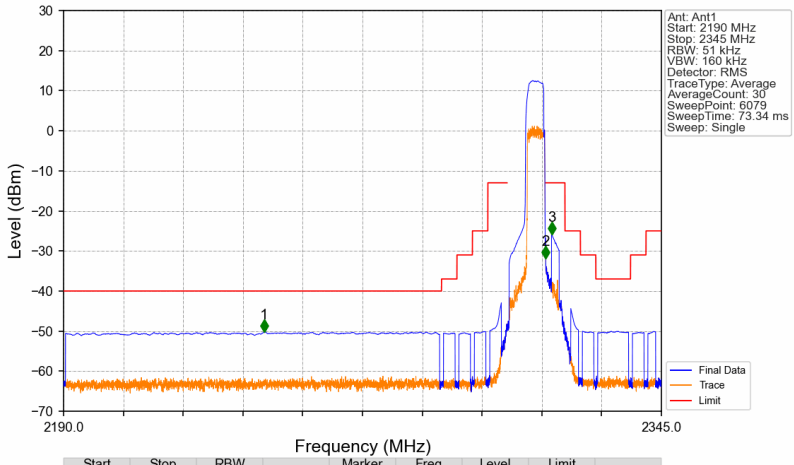


Band30_5MHz_QPSK_HCH_2312.5MHz_RB_1_24_NTNV



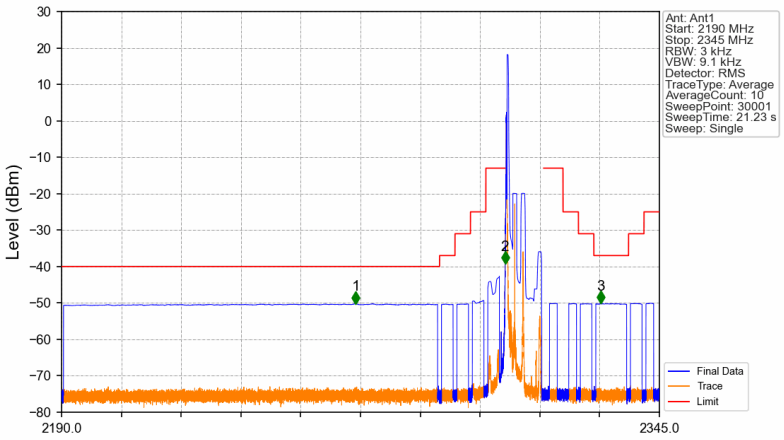
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2305	1	CHP	1	2282.881	-50.24	-40	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2316	0.003	/	2	2315.002	-40.70	-13	Pass
2316	2345	1	CHP	3	2336.175	-50.17	-37	Pass

Band30_5MHz_QPSK_HCH_2312.5MHz_RB_25_0_NTNV



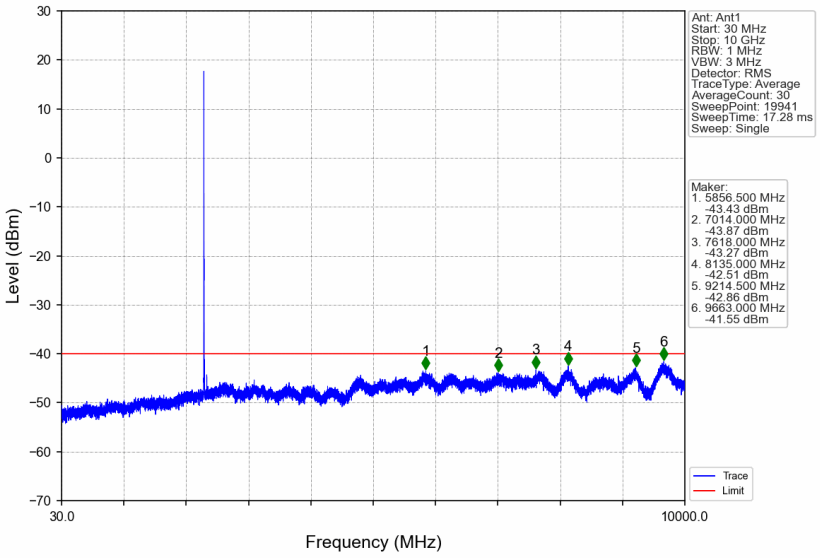
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2305	1	CHP	1	2241.998	-50.21	-40	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2316	0.051	/	2	2315.010	-31.95	-13	Pass
2316	2345	1	CHP	3	2316.514	-25.88	-13	Pass

Band30_5MHz_16QAM_LCH_2307.5MHz_RB_1_0_NTNV

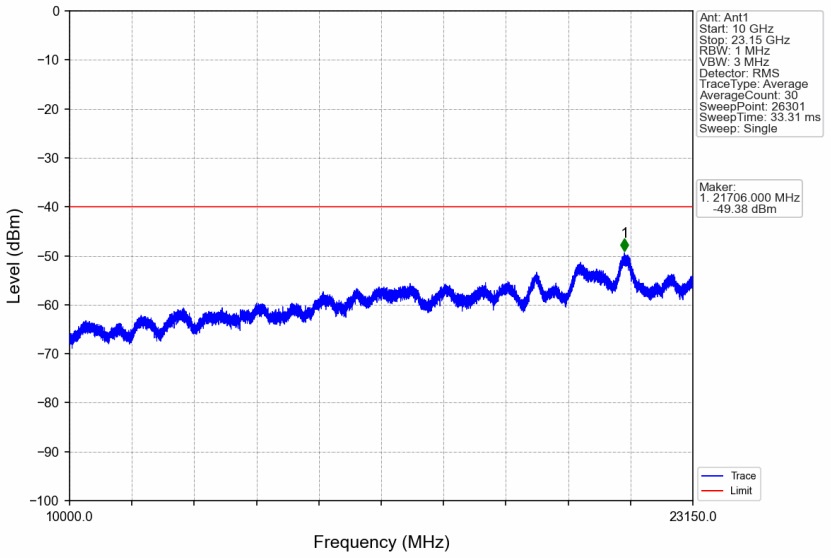


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2304	1	CHP	1	2266.260	-50.22	-40	Pass
2304	2305	0.003	/	2	2305.000	-39.21	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2345	1	CHP	3	2329.794	-50.20	-37	Pass

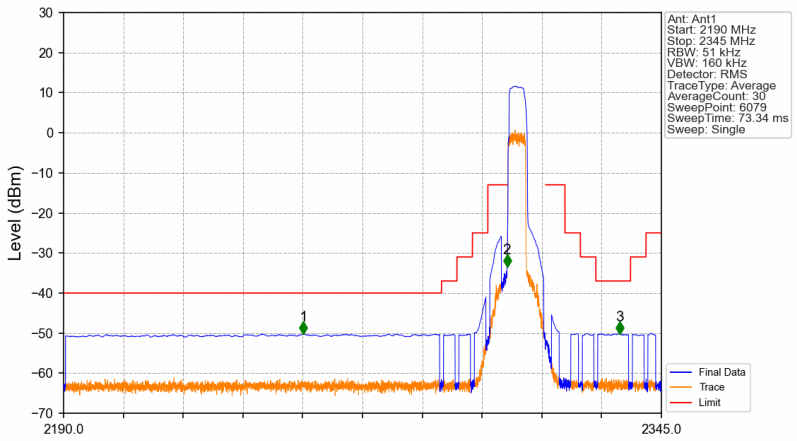
Band30_5MHz_16QAM_LCH_2307.5MHz_RB_1_0_NTNV



Band30_5MHz_16QAM_LCH_2307.5MHz_RB_1_0_NTNV

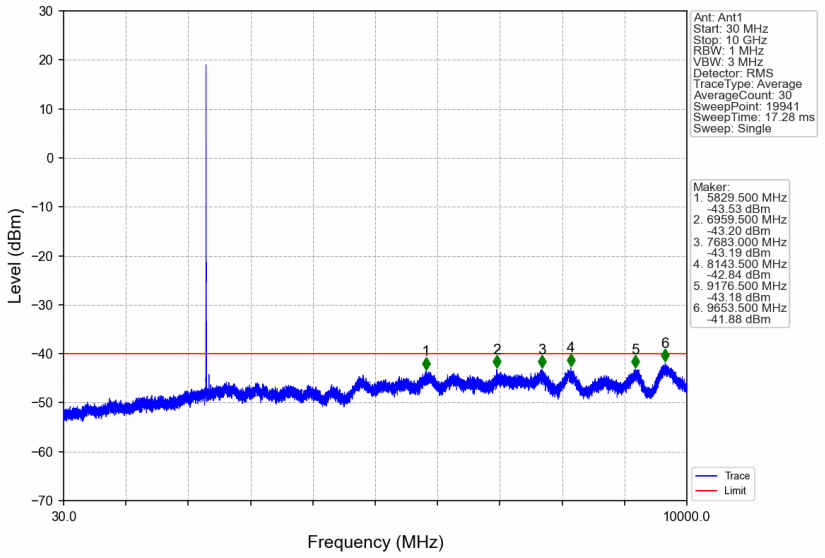


Band30_5MHz_16QAM_LCH_2307.5MHz_RB_25_0_NTNV

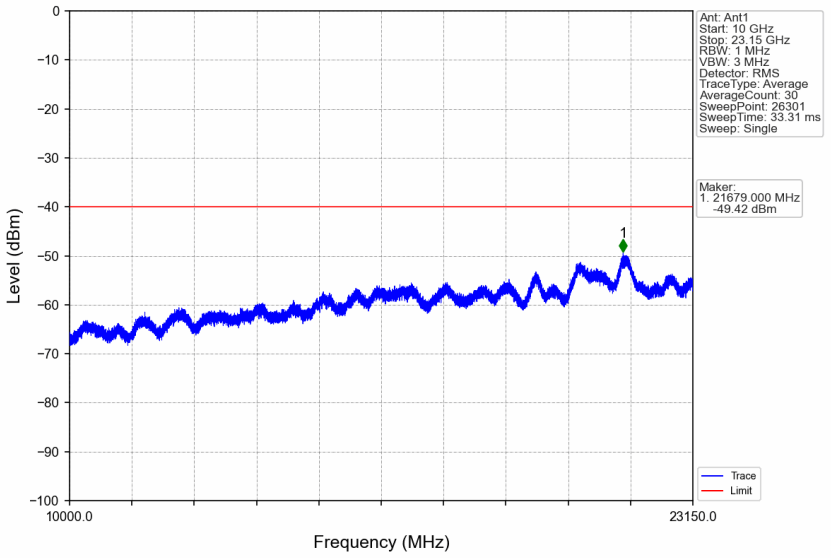


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2304	1	CHP	1	2252.199	-50.20	-40	Pass
2304	2305	0.051	/	2	2304.988	-33.47	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2345	1	CHP	3	2334.111	-50.20	-37	Pass

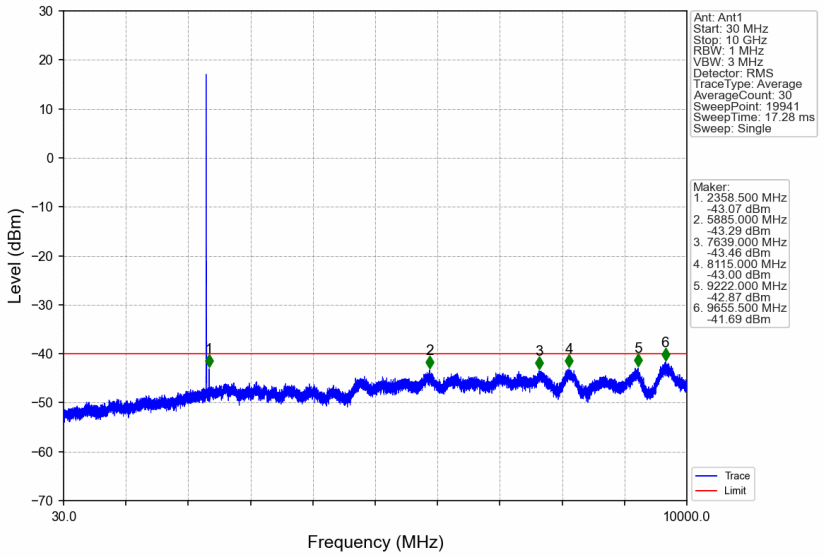
Band30_5MHz_16QAM_MCH_2310MHz_RB_1_0_NTNV



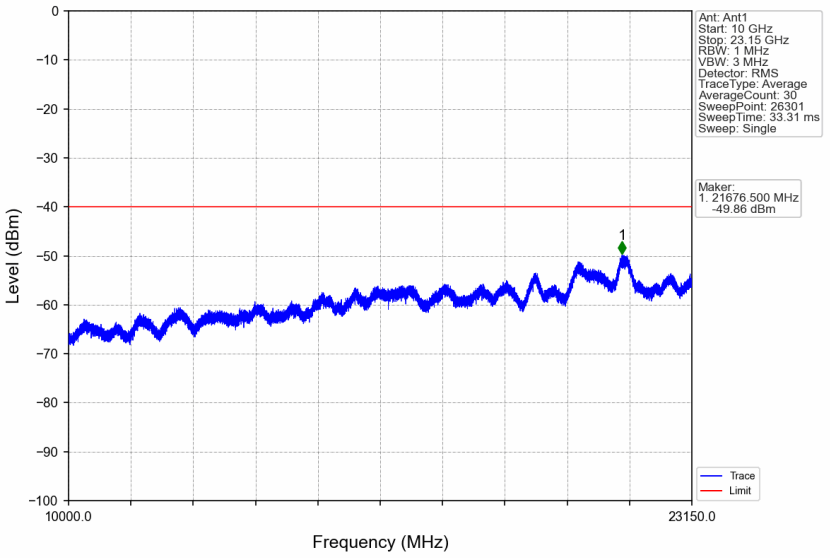
Band30_5MHz_16QAM_MCH_2310MHz_RB_1_0_NTNV



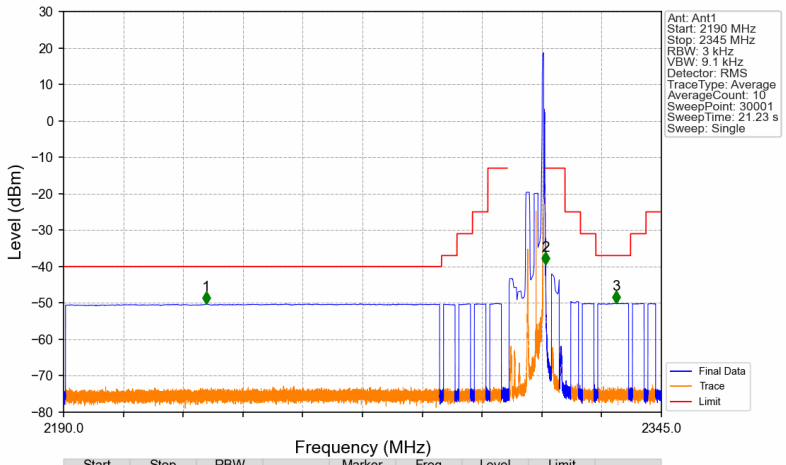
Band30_5MHz_16QAM_HCH_2312.5MHz_RB_1_0_NTNV



Band30_5MHz_16QAM_HCH_2312.5MHz_RB_1_0_NTNV

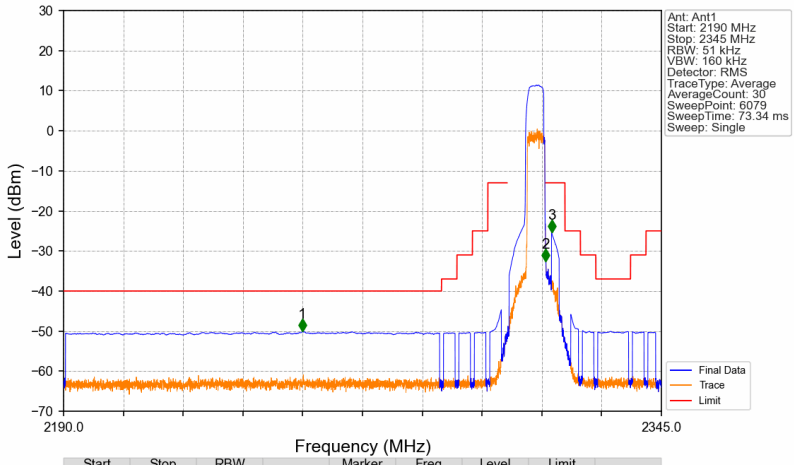


Band30_5MHz_16QAM_HCH_2312.5MHz_RB_1_24_NTNV



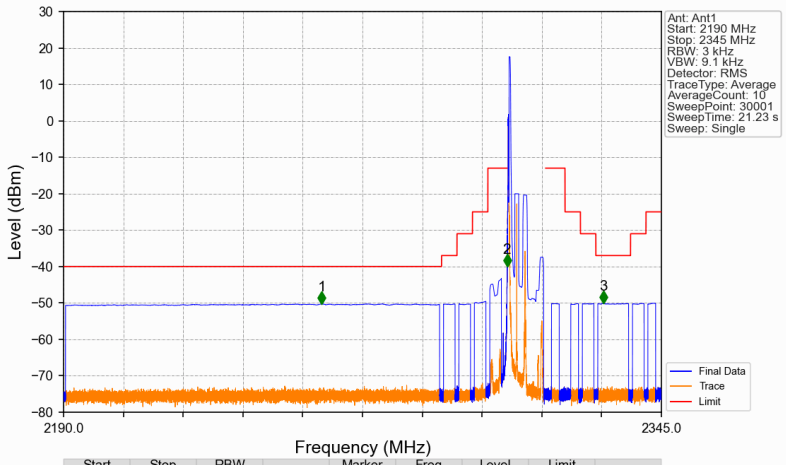
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2305	1	CHP	1	2226.999	-50.28	-40	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2316	0.003	/	2	2315.002	-39.50	-13	Pass
2316	2345	1	CHP	3	2333.277	-50.12	-37	Pass

Band30_5MHz_16QAM_HCH_2312.5MHz_RB_25_0_NTNV



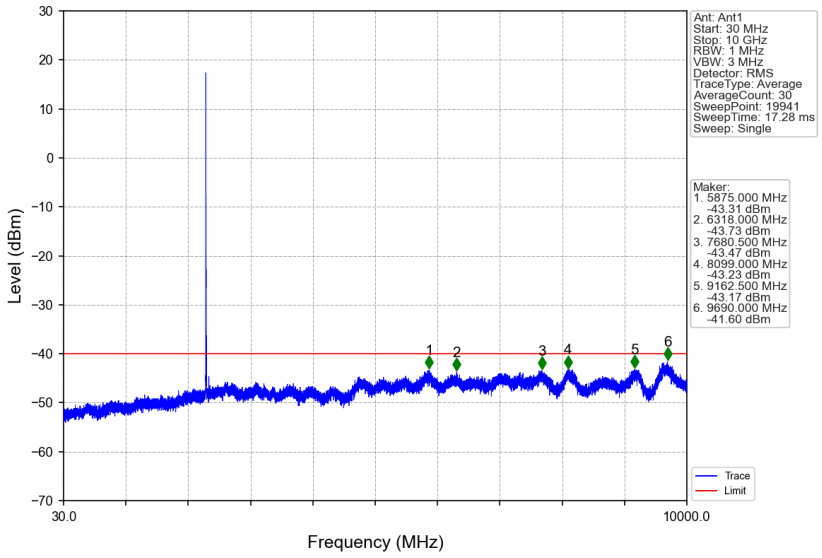
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2305	1	CHP	1	2251.893	-50.15	-40	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2316	0.051	/	2	2315.010	-32.56	-13	Pass
2316	2345	1	CHP	3	2316.514	-25.35	-13	Pass

Band30_5MHz_64QAM_LCH_2307.5MHz_RB_1_0_NTNV

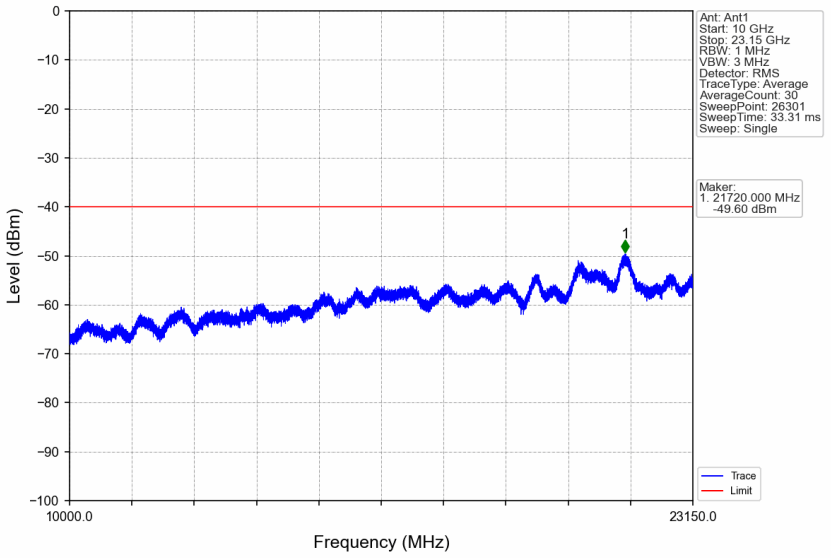


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2304	1	CHP	1	2256.929	-50.26	-40	Pass
2304	2305	0.003	/	2	2305.000	-40.05	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2345	1	CHP	3	2329.965	-50.18	-37	Pass

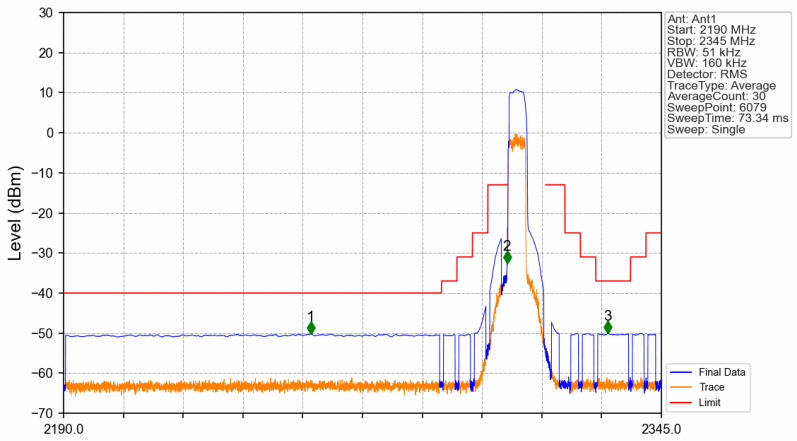
Band30_5MHz_64QAM_LCH_2307.5MHz_RB_1_0_NTNV



Band30_5MHz_64QAM_LCH_2307.5MHz_RB_1_0_NTNV

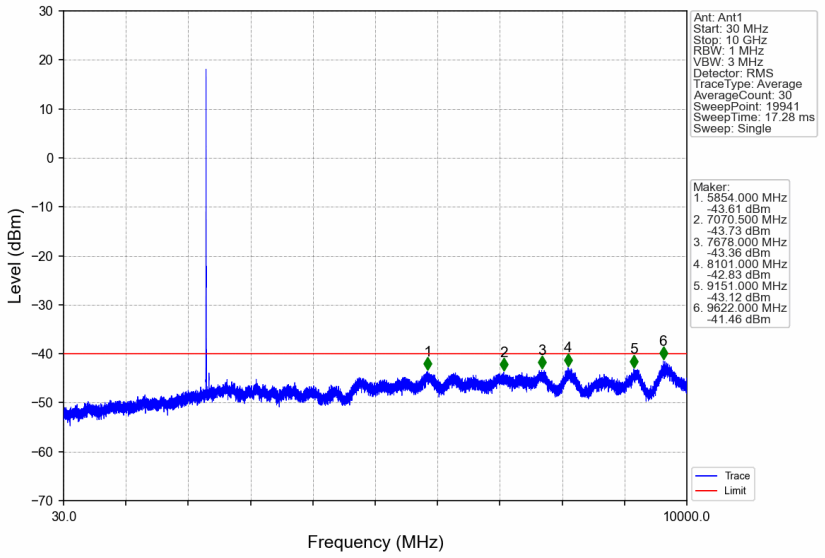


Band30_5MHz_64QAM_LCH_2307.5MHz_RB_25_0_NTNV

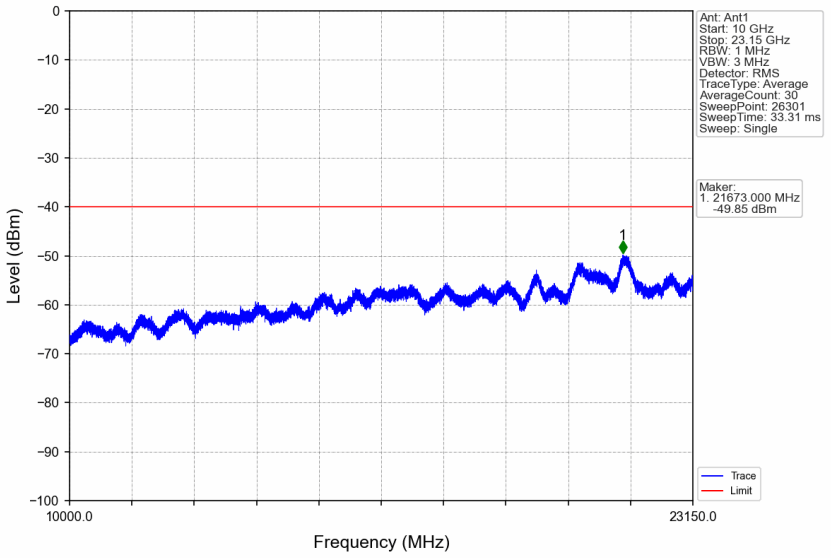


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2304	1	CHP	1	2254.061	-50.20	-40	Pass
2304	2305	0.051	/	2	2304.988	-32.60	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2345	1	CHP	3	2331.127	-50.09	-37	Pass

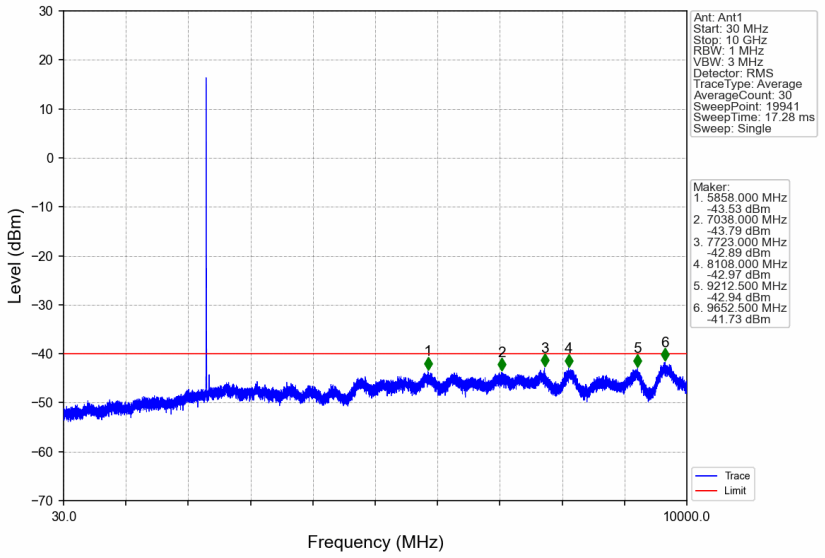
Band30_5MHz_64QAM_MCH_2310MHz_RB_1_0_NTNV



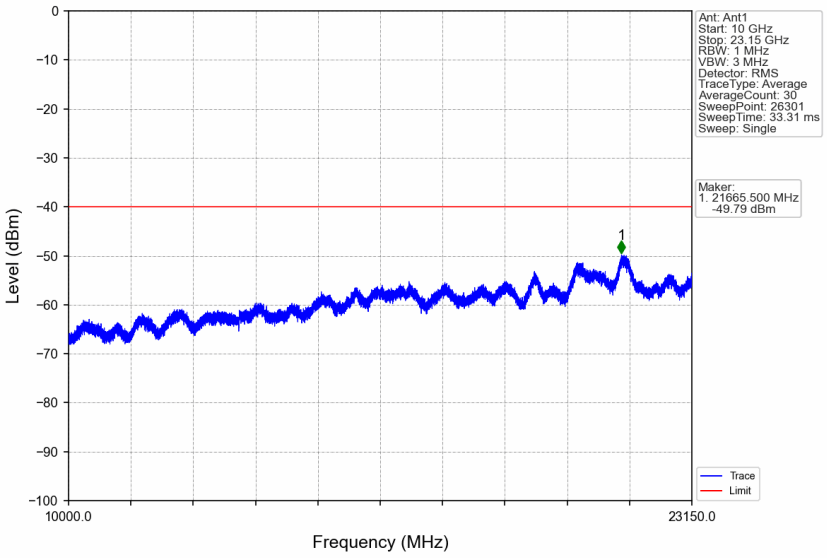
Band30_5MHz_64QAM_MCH_2310MHz_RB_1_0_NTNV



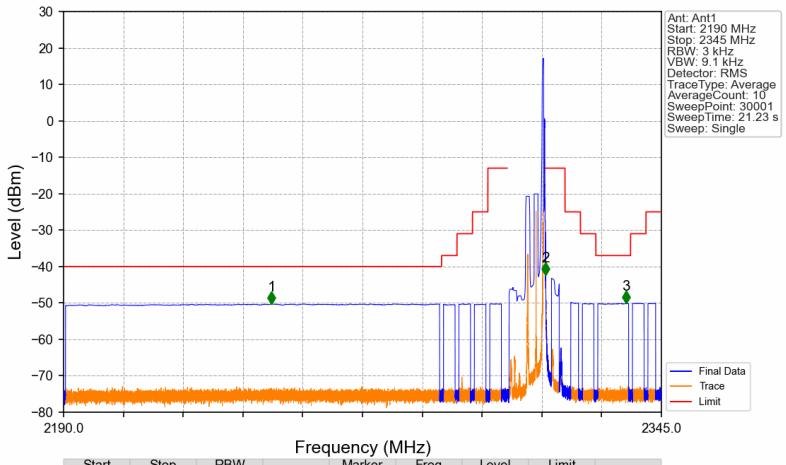
Band30_5MHz_64QAM_HCH_2312.5MHz_RB_1_0_NTNV



Band30_5MHz_64QAM_HCH_2312.5MHz_RB_1_0_NTNV

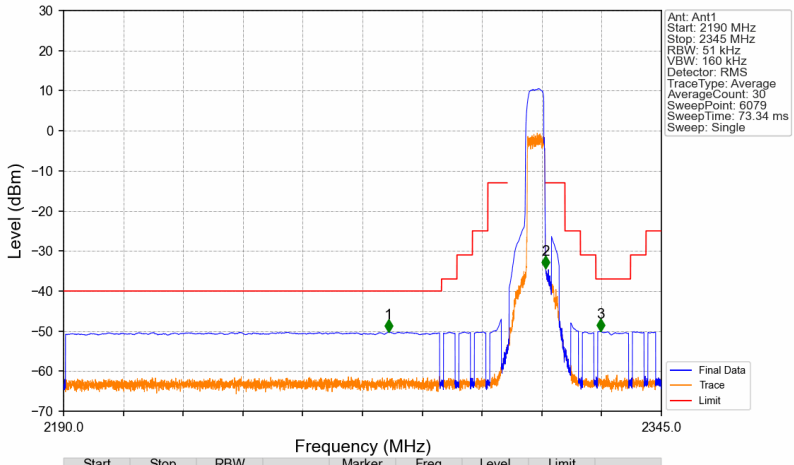


Band30_5MHz_64QAM_HCH_2312.5MHz_RB_1_24_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2305	1	CHP	1	2243.925	-50.27	-40	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2316	0.003	/	2	2315.013	-42.33	-13	Pass
2316	2345	1	CHP	3	2335.922	-50.15	-37	Pass

Band30_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	2274.207	-50.24	-40	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2316	0.051	/	2	2315.010	-34.35	-13	Pass
2316	2345	1	CHP	3	2329.265	-50.08	-37	Pass

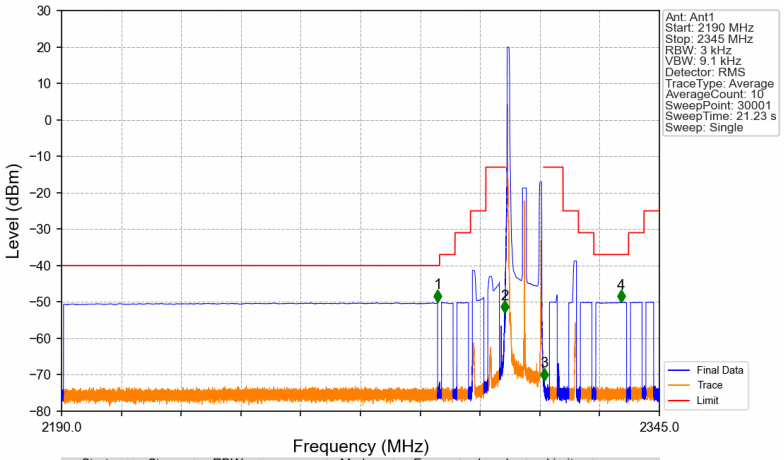
6.2 B30_10MHz

6.2.1 Test Result

Band: 30 / 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

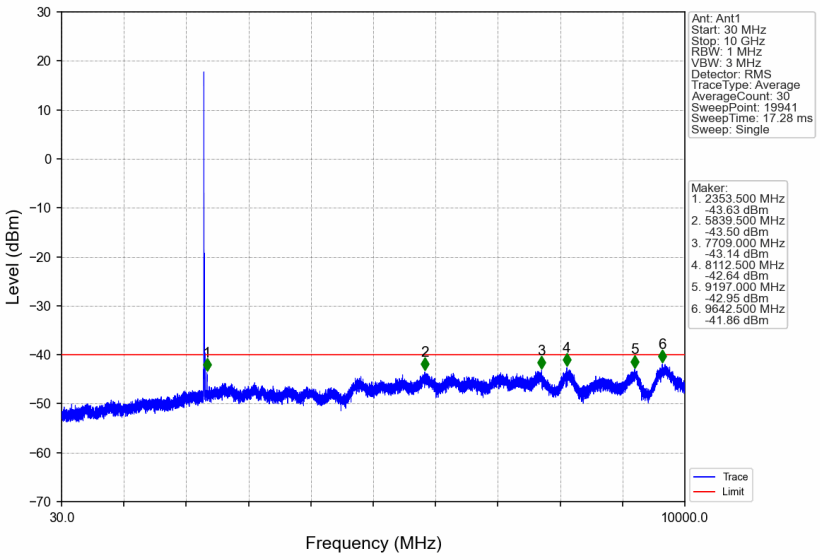
6.2.2 Test Graph

Band30_10MHz_QPSK_MCH_2310MHz_RB_1_0_NTNV

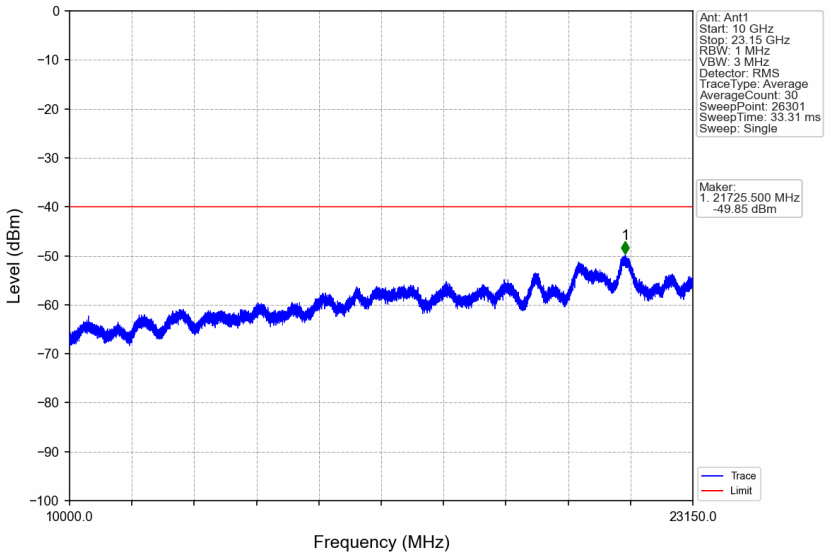


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2304	1	CHP	1	2287.490	-50.05	-40	Pass
2304	2305	0.003	/	2	2304.891	-53.02	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2316	0.003	/	3	2315.106	-71.59	-13	Pass
2316	2345	1	CHP	4	2335.085	-50.14	-37	Pass

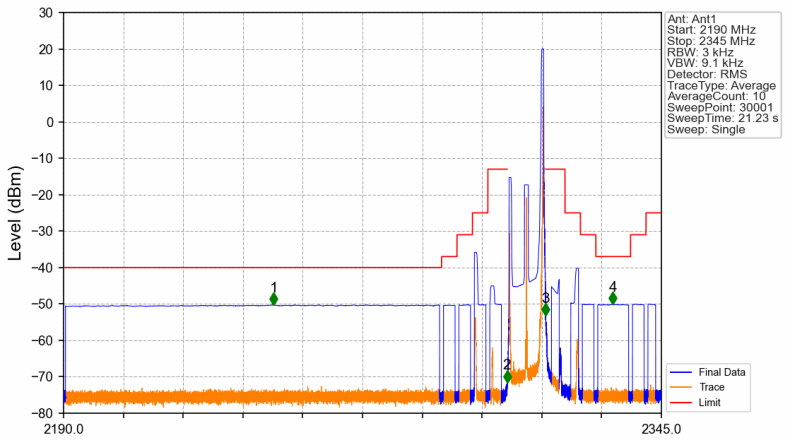
Band30_10MHz_QPSK_MCH_2310MHz_RB_1_0_NTNV



Band30_10MHz_QPSK_MCH_2310MHz_RB_1_0_NTNV

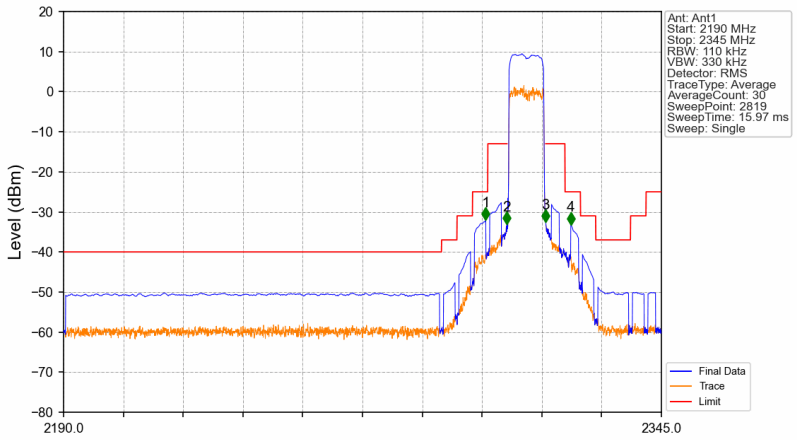


Band30_10MHz_QPSK_MCH_2310MHz_RB_1_49_NTNV



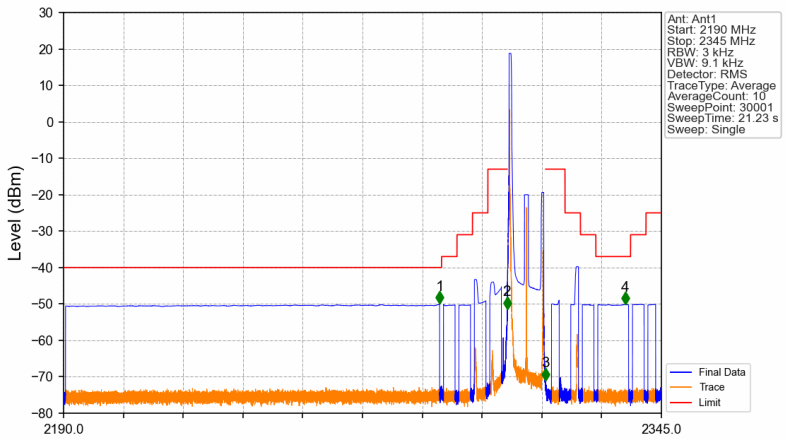
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2304	1	CHP	1	2244.431	-50.28	-40	Pass
2304	2305	0.003	/	2	2305.000	-71.56	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2316	0.003	/	3	2315.002	-53.27	-13	Pass
2316	2345	1	CHP	4	2332.424	-50.15	-37	Pass

Band30_10MHz_QPSK_MCH_2310MHz_RB_50_0_NTNV



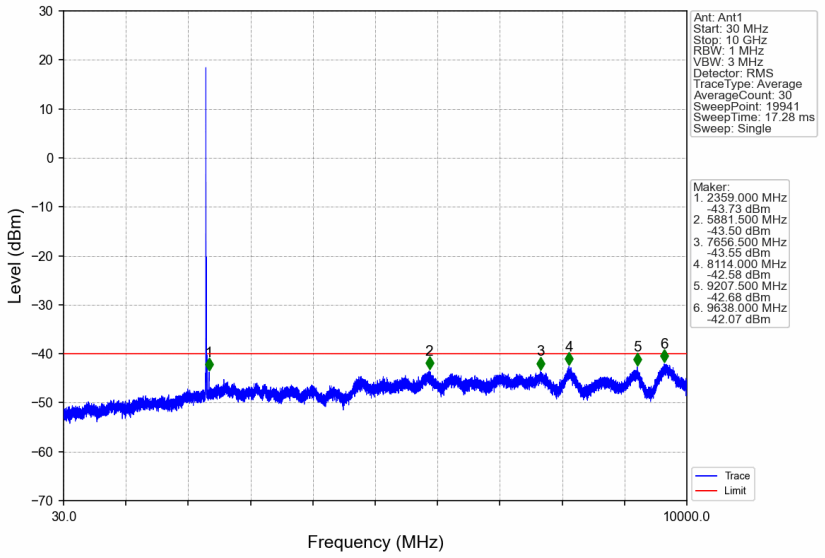
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2304	1	CHP	1	2299.457	-32.10	-25	Pass
2304	2305	0.11	/	2	2304.957	-33.06	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2316	0.11	/	3	2315.023	-32.50	-13	Pass
2316	2345	1	CHP	4	2321.513	-33.18	-25	Pass

Band30_10MHz_16QAM_MCH_2310MHz_RB_1_0_NTNV

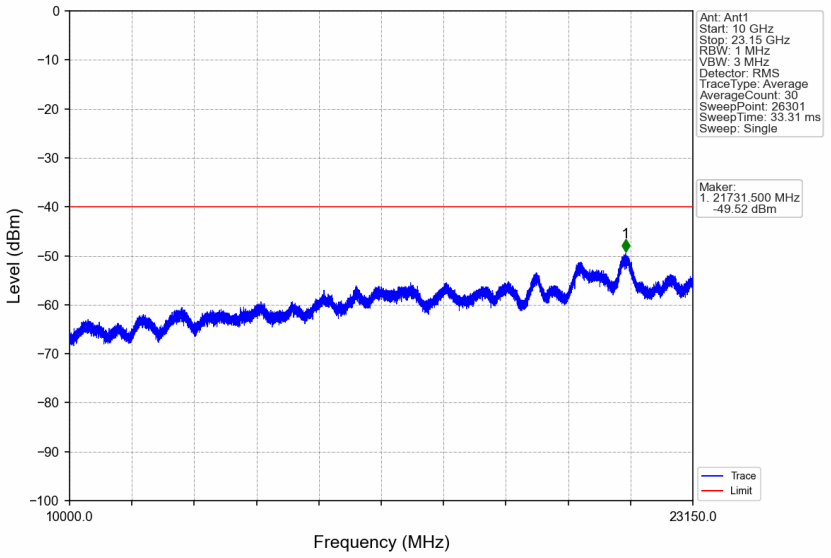


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2304	1	CHP	1	2287.485	-49.96	-40	Pass
2304	2305	0.003	/	2	2304.994	-51.41	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2316	0.003	/	3	2315.018	-71.00	-13	Pass
2316	2345	1	CHP	4	2335.591	-50.18	-37	Pass

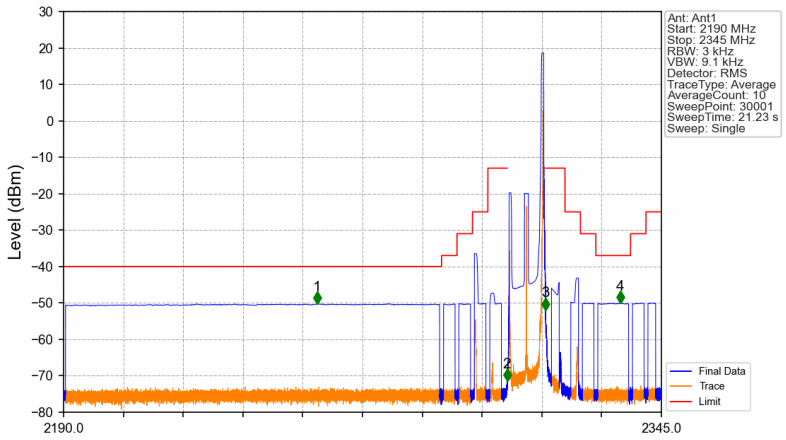
Band30_10MHz_16QAM_MCH_2310MHz_RB_1_0_NTNV



Band30_10MHz_16QAM_MCH_2310MHz_RB_1_0_NTNV

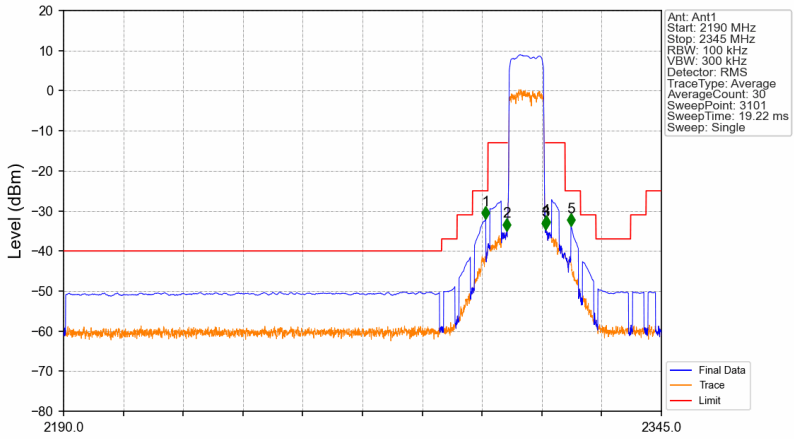


Band30_10MHz_16QAM_MCH_2310MHz_RB_1_49_NTNV



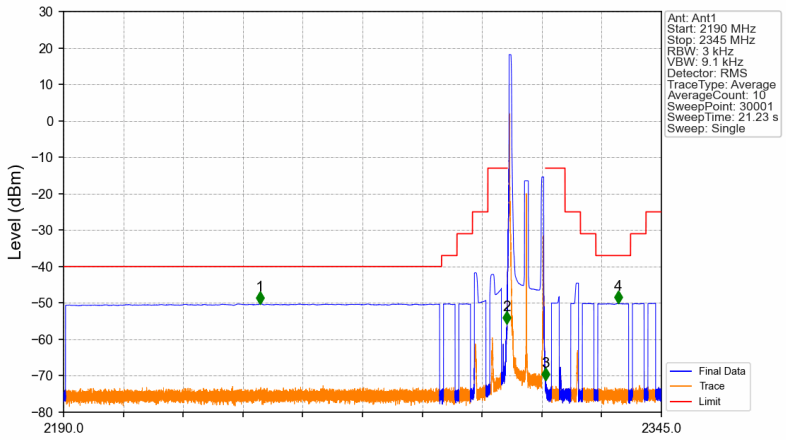
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2304	1	CHP	1	2255.699	-50.28	-40	Pass
2304	2305	0.003	/	2	2304.994	-71.47	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2316	0.003	/	3	2315.002	-51.99	-13	Pass
2316	2345	1	CHP	4	2334.326	-50.10	-37	Pass

Band30_10MHz_16QAM_MCH_2310MHz_RB_50_0_NTNV



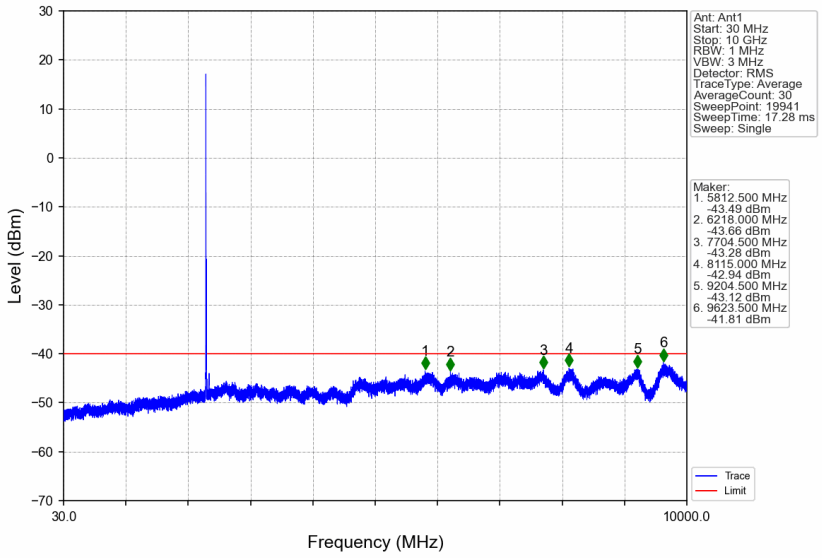
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2304	1	CHP	1	2299.450	-31.99	-25	Pass
2304	2305	0.1	/	2	2304.950	-34.94	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2315	1	CHP	3	2315.000	-34.72	-13	Pass
2315	2316	0.1	/	4	2315.100	-34.24	-13	Pass
2316	2345	1	CHP	5	2321.550	-33.81	-25	Pass

Band30_10MHz_64QAM_MCH_2310MHz_RB_1_0_NTNV

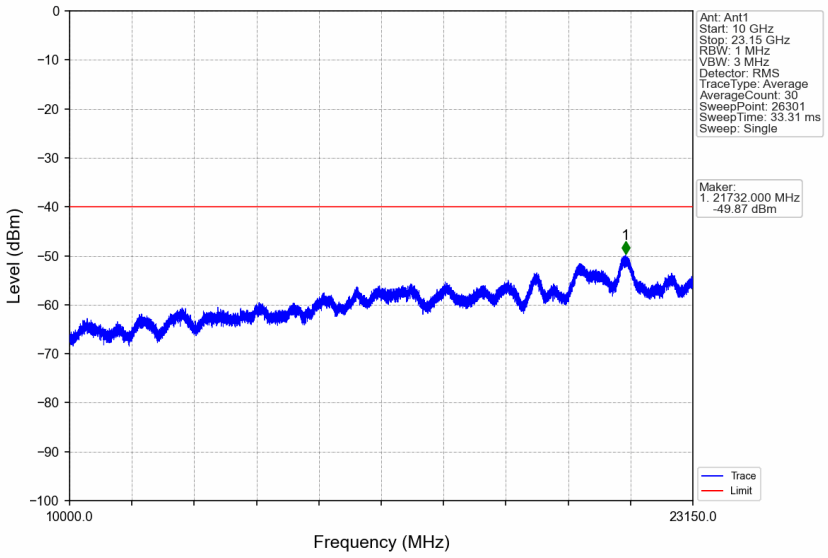


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2304	1	CHP	1	2240.881	-50.27	-40	Pass
2304	2305	0.003	/	2	2304.963	-55.78	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2316	0.003	/	3	2315.002	-71.31	-13	Pass
2316	2345	1	CHP	4	2333.819	-50.18	-37	Pass

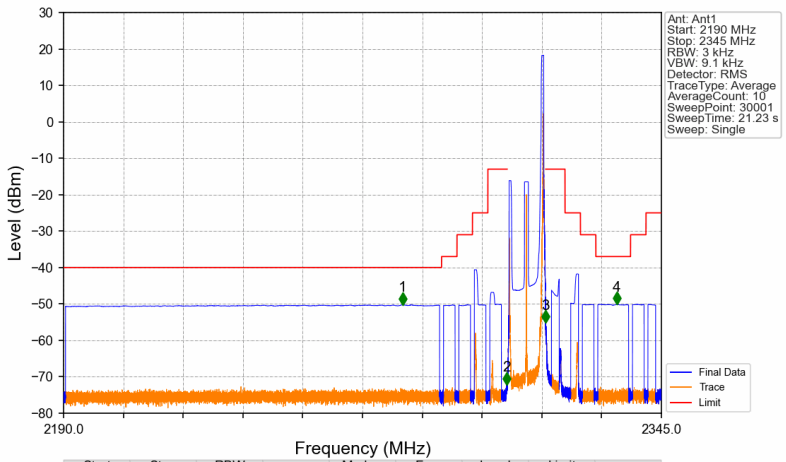
Band30_10MHz_64QAM_MCH_2310MHz_RB_1_0_NTNV



Band30_10MHz_64QAM_MCH_2310MHz_RB_1_0_NTNV

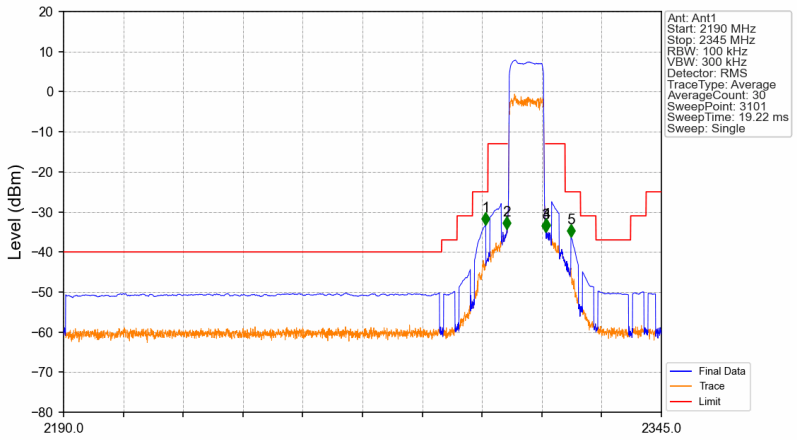


Band30_10MHz_64QAM_MCH_2310MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2304	1	CHP	1	2277.906	-50.25	-40	Pass
2304	2305	0.003	/	2	2304.917	-72.16	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2316	0.003	/	3	2315.002	-55.21	-13	Pass
2316	2345	1	CHP	4	2333.432	-50.10	-37	Pass

Band30_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	-33.31	-25	Pass
2304	2305	0.1	/	2	2304.950	-34.32	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2315	1	CHP	3	2315.000	-35.00	-13	Pass
2315	2316	0.1	/	4	2315.200	-34.86	-13	Pass
2316	2345	1	CHP	5	2321.550	-36.33	-25	Pass