1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B30_5MHz_EIRP

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	21.50	2.19	23.69	<=23.98	Pass
			13	21.51	2.19	23.70	<=23.98	Pass
			24	21.46	2.19	23.65	<=23.98	Pass
		12	0	20.56	2.19	22.75	<=23.98	Pass
			6	20.58	2.19	22.77	<=23.98	Pass
			13	20.55	2.19	22.74	<=23.98	Pass
		25	0	20.57	2.19	22.76	<=23.98	Pass
	2310	1	0	21.41	2.19	23.60	<=23.98	Pass
			13	21.48	2.19	23.67	<=23.98	Pass
			24	21.36	2.19	23.55	<=23.98	Pass
		12	0	20.38	2.19	22.57	<=23.98	Pass
			6	20.40	2.19	22.59	<=23.98	Pass
			13	20.37	2.19	22.56	<=23.98	Pass
		25	0	20.38	2.19	22.57	<=23.98	Pass
	2312.5	1	0	21.31	2.19	23.50	<=23.98	Pass
			13	21.46	2.19	23.65	<=23.98	Pass
			24	21.36	2.19	23.55	<=23.98	Pass
		12	0	20.39	2.19	22.58	<=23.98	Pass
			6	20.40	2.19	22.59	<=23.98	Pass
			13	20.45	2.19	22.64	<=23.98	Pass
		25	0	20.40	2.19	22.59	<=23.98	Pass
16QAM	2307.5	1	0	20.72	2.19	22.91	<=23.98	Pass
			13	20.86	2.19	23.05	<=23.98	Pass
			24	20.75	2.19	22.94	<=23.98	Pass
		12	0	19.66	2.19	21.85	<=23.98	Pass
			6	19.67	2.19	21.86	<=23.98	Pass
			13	19.65	2.19	21.84	<=23.98	Pass
		25	0	19.59	2.19	21.78	<=23.98	Pass
	2310	1	0	20.18	2.19	22.37	<=23.98	Pass
			13	20.27	2.19	22.46	<=23.98	Pass
			24	20.19	2.19	22.38	<=23.98	Pass
		12	0	19.44	2.19	21.63	<=23.98	Pass
			6	19.47	2.19	21.66	<=23.98	Pass
			13	19.41	2.19	21.60	<=23.98	Pass
		25	0	19.46	2.19	21.65	<=23.98	Pass
	2312.5	1	0	20.45	2.19	22.64	<=23.98	Pass
			13	20.63	2.19	22.82	<=23.98	Pass
			24	20.56	2.19	22.75	<=23.98	Pass
		12	0	19.44	2.19	21.63	<=23.98	Pass
			6	19.46	2.19	21.65	<=23.98	Pass
			13	19.53	2.19	21.72	<=23.98	Pass
		25	0	19.49	2.19	21.68	<=23.98	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.2 B30_5MHz_EIRP/10MHz

Band: 30 / Bandwidth: 5MHz / NTNV

Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm/5MHz)	Gain (dBi)	EIRP/10MHz (dBm/5MHz)		Verdict
		Size	Offset			Result	Limit	
QPSK	2307.5	1	0	19.94	2.19	22.13	<=23.98	Pass
			13	19.97	2.19	22.16	<=23.98	Pass
			24	19.89	2.19	22.08	<=23.98	Pass
		12	0	19.10	2.19	21.29	<=23.98	Pass
			6	19.12	2.19	21.31	<=23.98	Pass
			13	18.95	2.19	21.14	<=23.98	Pass
		25	0	19.07	2.19	21.26	<=23.98	Pass
	2310	1	0	19.99	2.19	22.18	<=23.98	Pass
			13	20.05	2.19	22.24	<=23.98	Pass
			24	19.99	2.19	22.18	<=23.98	Pass
		12	0	18.80	2.19	20.99	<=23.98	Pass
			6	18.91	2.19	21.10	<=23.98	Pass
			13	18.97	2.19	21.16	<=23.98	Pass
		25	0	19.00	2.19	21.19	<=23.98	Pass
	2312.5	1	0	19.89	2.19	22.08	<=23.98	Pass
			13	20.05	2.19	22.24	<=23.98	Pass
			24	19.96	2.19	22.15	<=23.98	Pass
		12	0	18.86	2.19	21.05	<=23.98	Pass
			6	19.06	2.19	21.25	<=23.98	Pass
			13	18.93	2.19	21.12	<=23.98	Pass
		25	0	18.97	2.19	21.16	<=23.98	Pass
16QAM	2307.5	1	0	19.20	2.19	21.39	<=23.98	Pass
			13	19.38	2.19	21.57	<=23.98	Pass
			24	19.18	2.19	21.37	<=23.98	Pass
		12	0	18.11	2.19	20.30	<=23.98	Pass
			6	18.12	2.19	20.31	<=23.98	Pass
			13	18.05	2.19	20.24	<=23.98	Pass
		25	0	18.20	2.19	20.39	<=23.98	Pass
	2310	1	0	18.99	2.19	21.18	<=23.98	Pass
			13	18.97	2.19	21.16	<=23.98	Pass
			24	18.99	2.19	21.18	<=23.98	Pass
		12	0	18.07	2.19	20.26	<=23.98	Pass
			6	17.99	2.19	20.18	<=23.98	Pass
			13	17.89	2.19	20.08	<=23.98	Pass
		25	0	17.94	2.19	20.13	<=23.98	Pass
	2312.5	1	0	18.99	2.19	21.18	<=23.98	Pass
			13	19.27	2.19	21.46	<=23.98	Pass
			24	19.20	2.19	21.39	<=23.98	Pass
		12	0	17.97	2.19	20.16	<=23.98	Pass
			6	18.03	2.19	20.22	<=23.98	Pass
			13	18.04	2.19	20.23	<=23.98	Pass
		25	0	18.00	2.19	20.19	<=23.98	Pass
Note1: EIRP/10MHz=Conducted Power+Antenna Gain-2.15								

1.1.3 B30_10MHz_EIRP

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	21.28	2.19	23.47	<=23.98	Pass
			25	21.24	2.19	23.43	<=23.98	Pass
			49	21.29	2.19	23.48	<=23.98	Pass
		25	0	20.40	2.19	22.59	<=23.98	Pass
			13	20.45	2.19	22.64	<=23.98	Pass
			25	20.38	2.19	22.57	<=23.98	Pass

		50	0	20.40	2.19	22.59	<=23.98	Pass
16QAM	2310	1	0	20.97	2.19	23.16	<=23.98	Pass
			25	20.94	2.19	23.13	<=23.98	Pass
			49	20.99	2.19	23.18	<=23.98	Pass
		25	0	19.52	2.19	21.71	<=23.98	Pass
			13	19.56	2.19	21.75	<=23.98	Pass
			25	19.54	2.19	21.73	<=23.98	Pass
		50	0	19.50	2.19	21.69	<=23.98	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

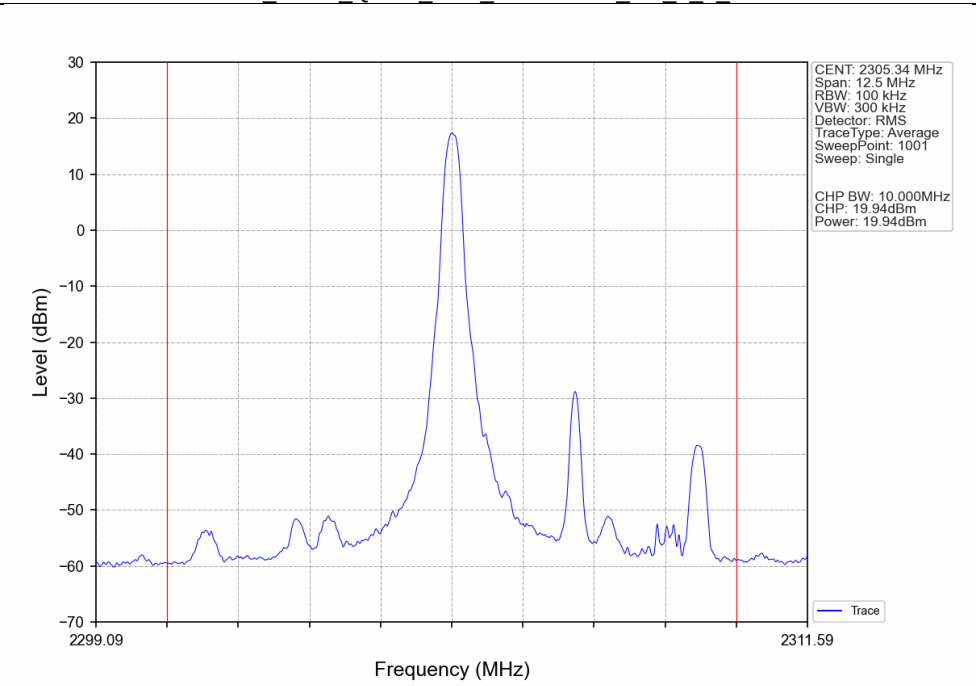
1.1.4 B30_10MHz_EIRP/10MHz

Band: 30 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm/5MHz)	Gain (dBi)	EIRP/10MHz (dBm/5MHz)		Verdict
		Size	Offset			Result	Limit	
QPSK	2310	1	0	20.15	2.19	22.34	<=23.98	Pass
			25	20.05	2.19	22.24	<=23.98	Pass
			49	20.15	2.19	22.34	<=23.98	Pass
		25	0	19.11	2.19	21.30	<=23.98	Pass
			13	19.17	2.19	21.36	<=23.98	Pass
			25	19.10	2.19	21.29	<=23.98	Pass
		50	0	19.08	2.19	21.27	<=23.98	Pass
16QAM	2310	1	0	19.42	2.19	21.61	<=23.98	Pass
			25	19.33	2.19	21.52	<=23.98	Pass
			49	19.30	2.19	21.49	<=23.98	Pass
		25	0	18.19	2.19	20.38	<=23.98	Pass
			13	18.28	2.19	20.47	<=23.98	Pass
			25	18.24	2.19	20.43	<=23.98	Pass
		50	0	18.18	2.19	20.37	<=23.98	Pass
Note1: EIRP/10MHz=Conducted Power+Antenna Gain-2.15								

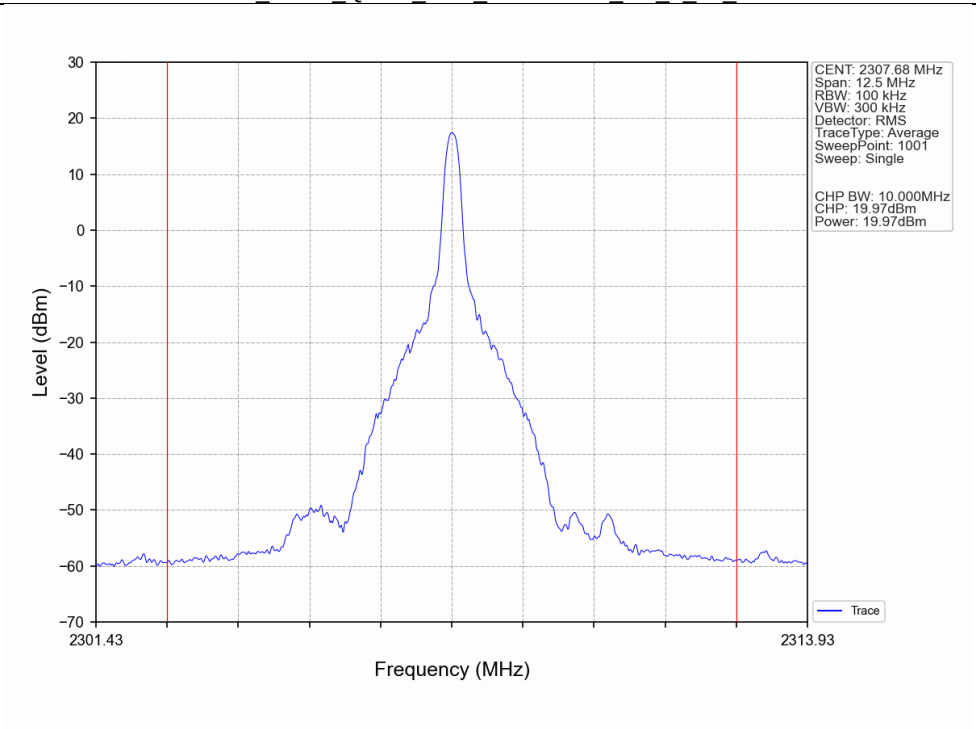
1.2 Test Graph

1.2.1 B30_5MHz_EIRP/10MHz

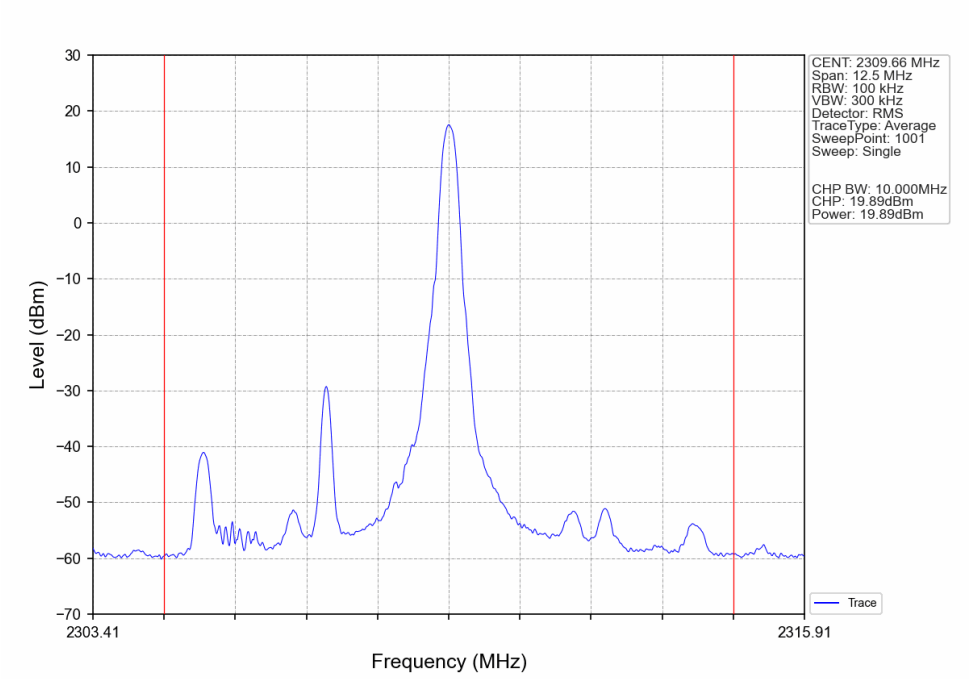
Band30_5MHz_QPSK_LCH_2307.5MHz_RB_1_0_NTNV



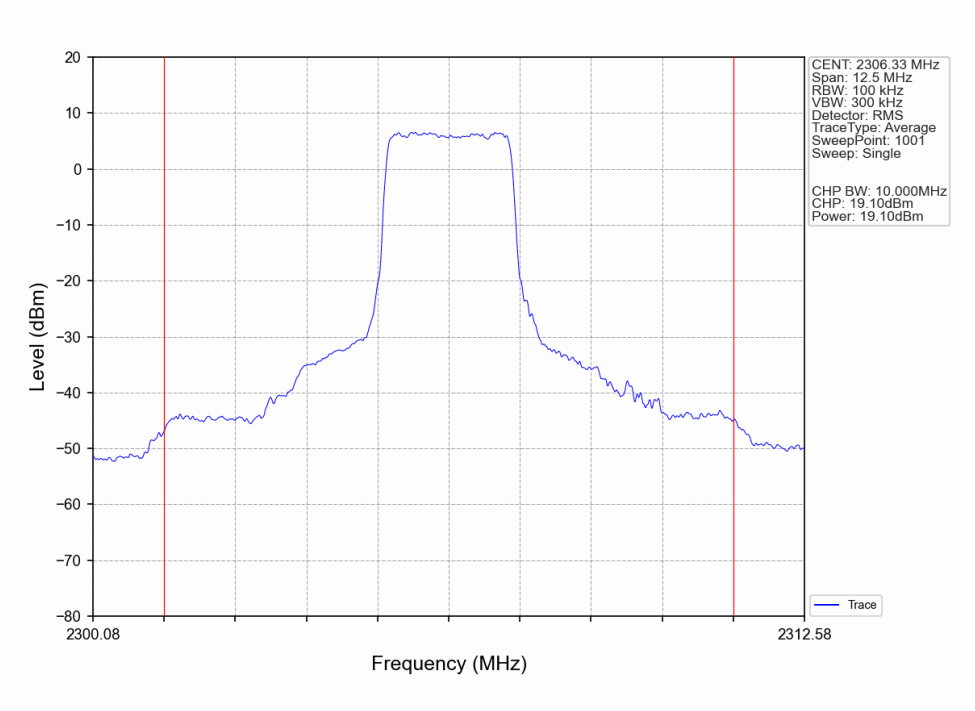
Band30_5MHz_QPSK_LCH_2307.5MHz_RB_1_13_NTNV



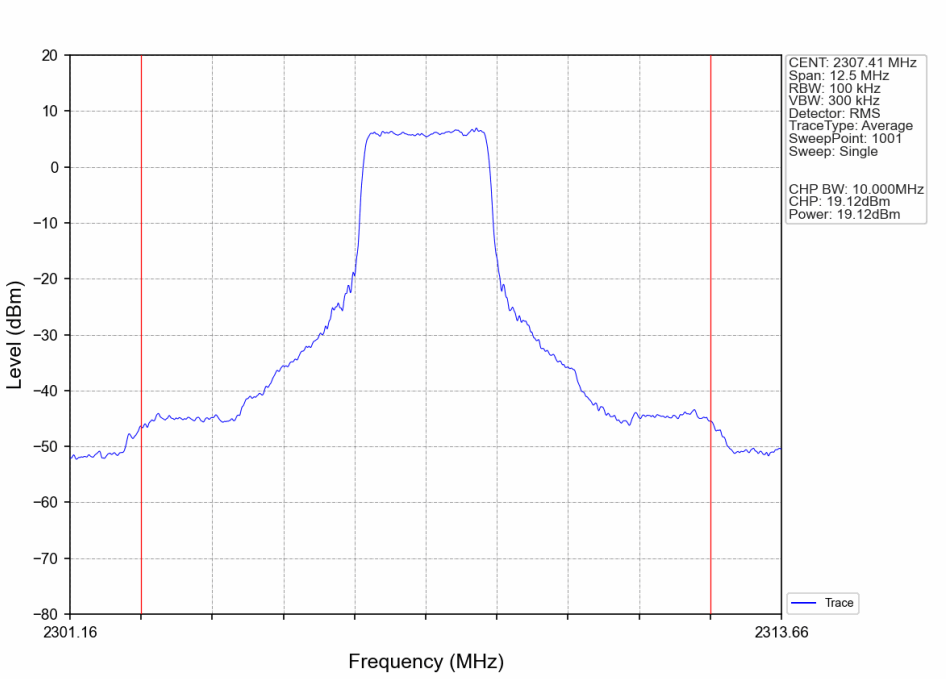
Band30_5MHz_QPSK_LCH_2307.5MHz_RB_1_24_NTNV



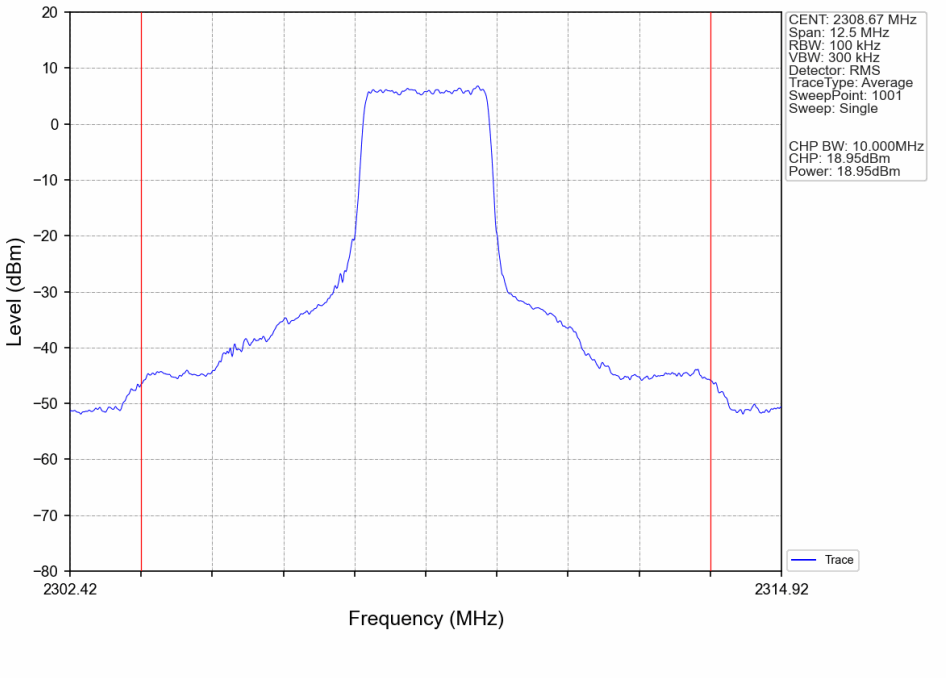
Band30_5MHz_QPSK_LCH_2307.5MHz_RB_12_0_NTNV



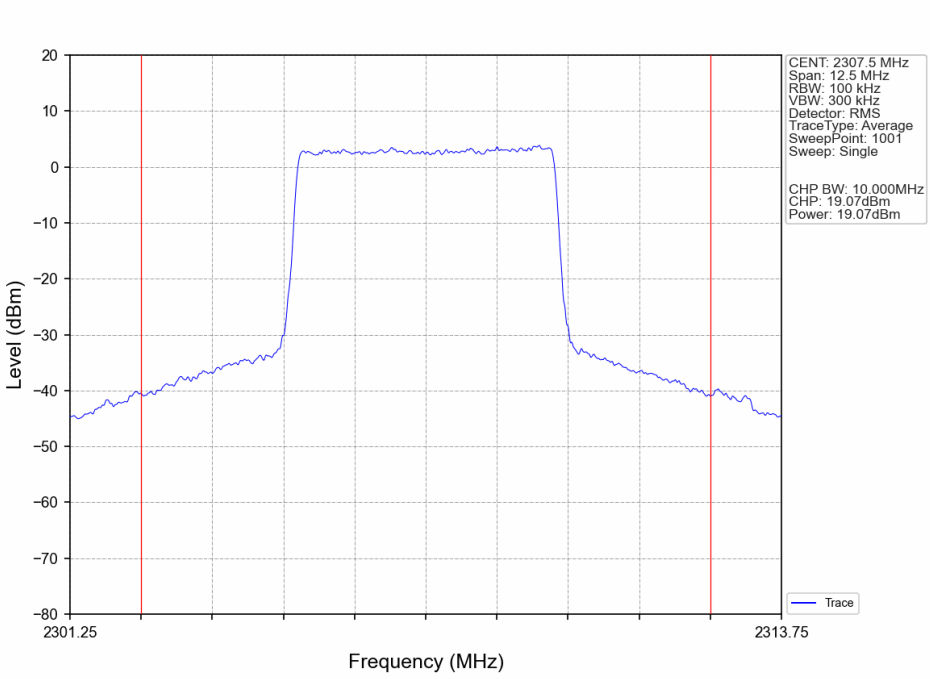
Band30_5MHz_QPSK_LCH_2307.5MHz_RB_12_6_NTNV



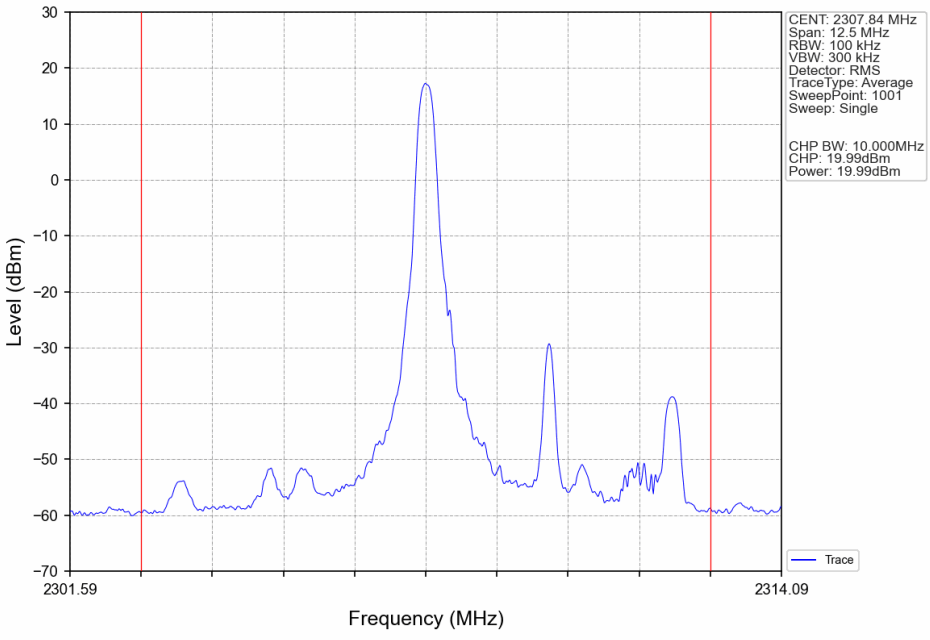
Band30_5MHz_QPSK_LCH_2307.5MHz_RB_12_13_NTNV



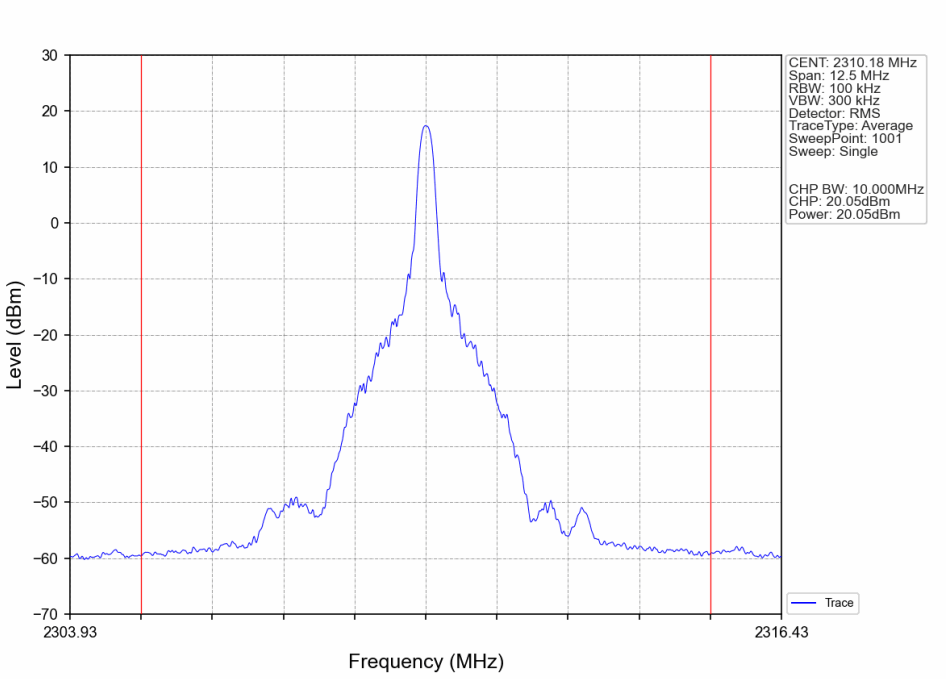
Band30_5MHz_QPSK_LCH_2307.5MHz_RB_25_0_NTNV



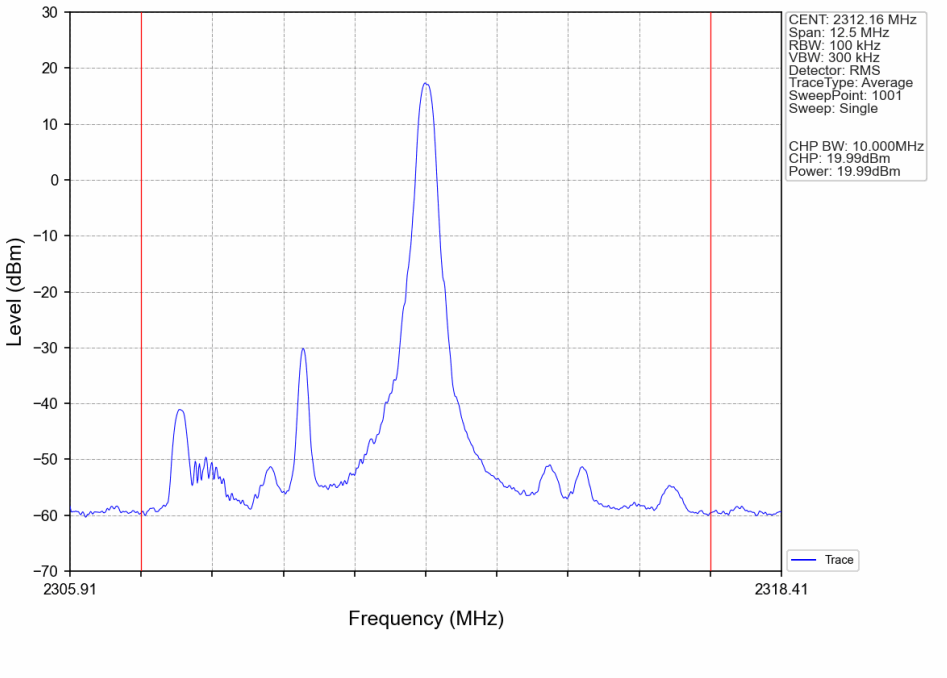
Band30_5MHz_QPSK_MCH_2310MHz_RB_1_0_NTNV



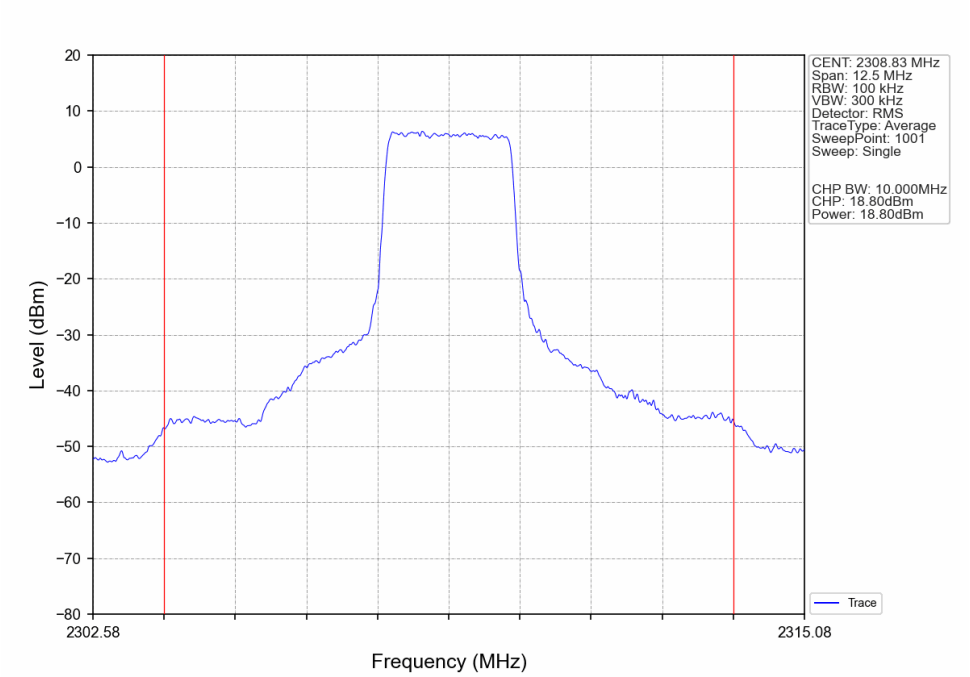
Band30_5MHz_QPSK_MCH_2310MHz_RB_1_13_NTNV



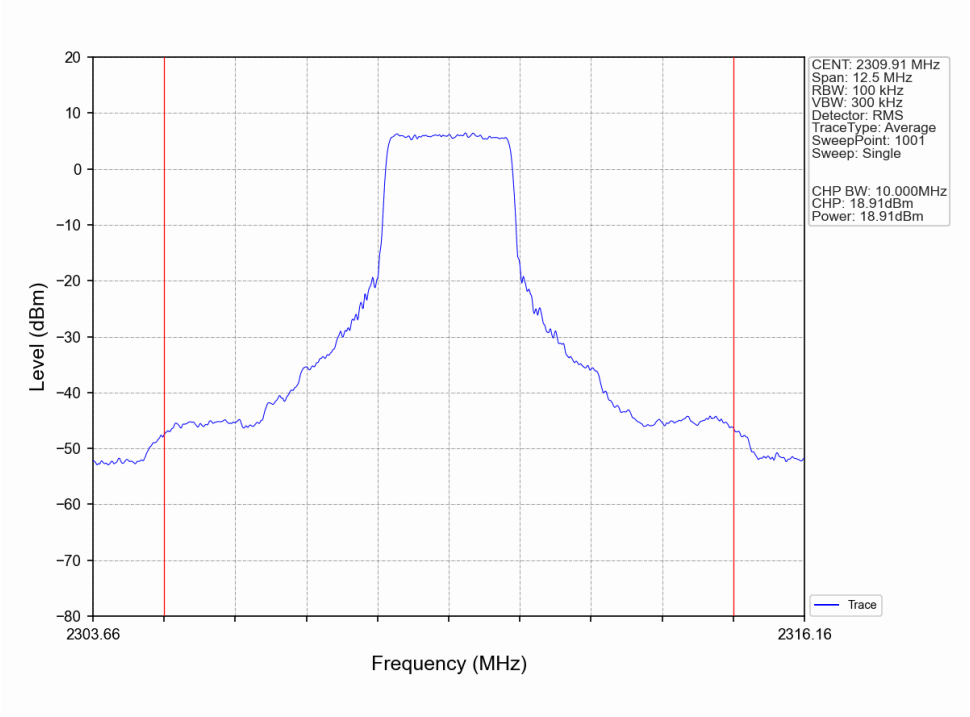
Band30_5MHz_QPSK_MCH_2310MHz_RB_1_24_NTNV



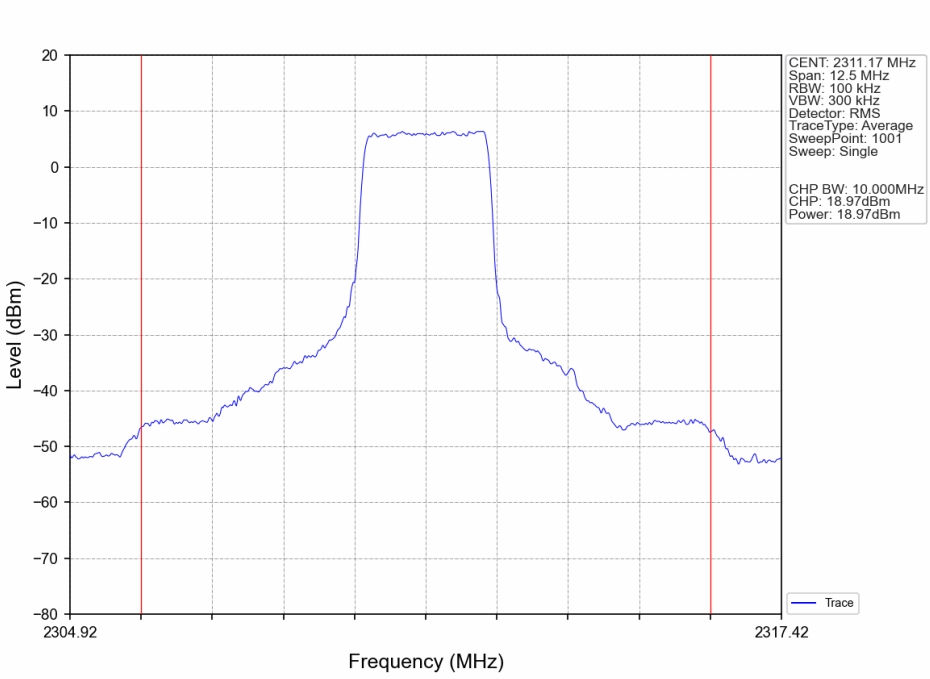
Band30_5MHz_QPSK_MCH_2310MHz_RB_12_0_NTNV



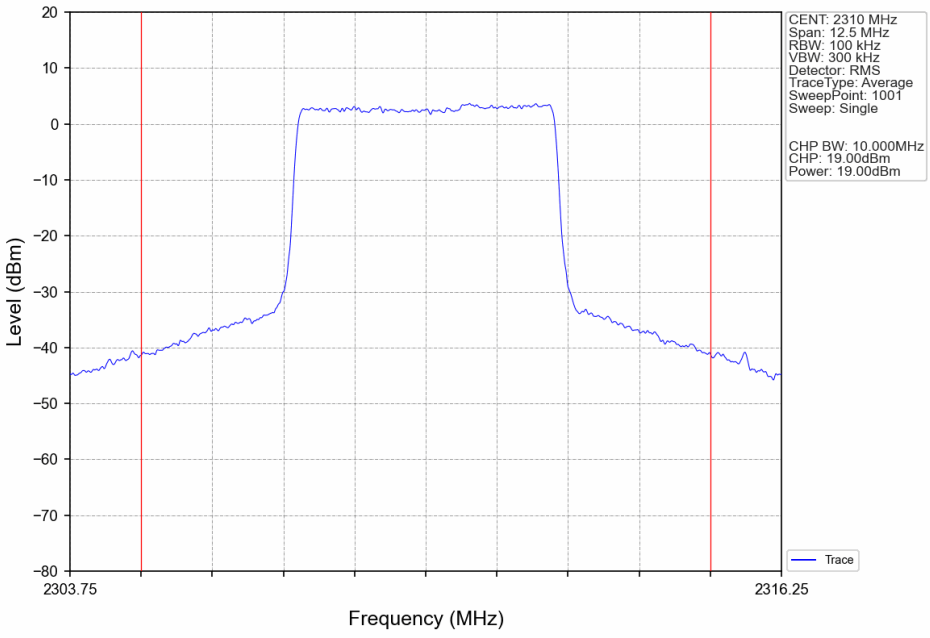
Band30_5MHz_QPSK_MCH_2310MHz_RB_12_6_NTNV



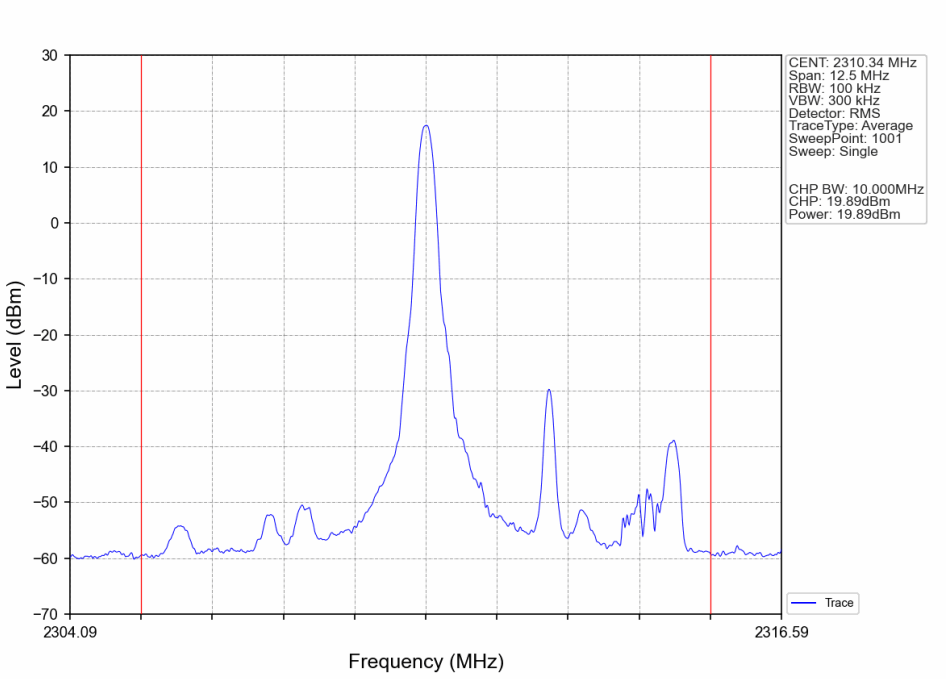
Band30_5MHz_QPSK_MCH_2310MHz_RB_12_13_NTNV



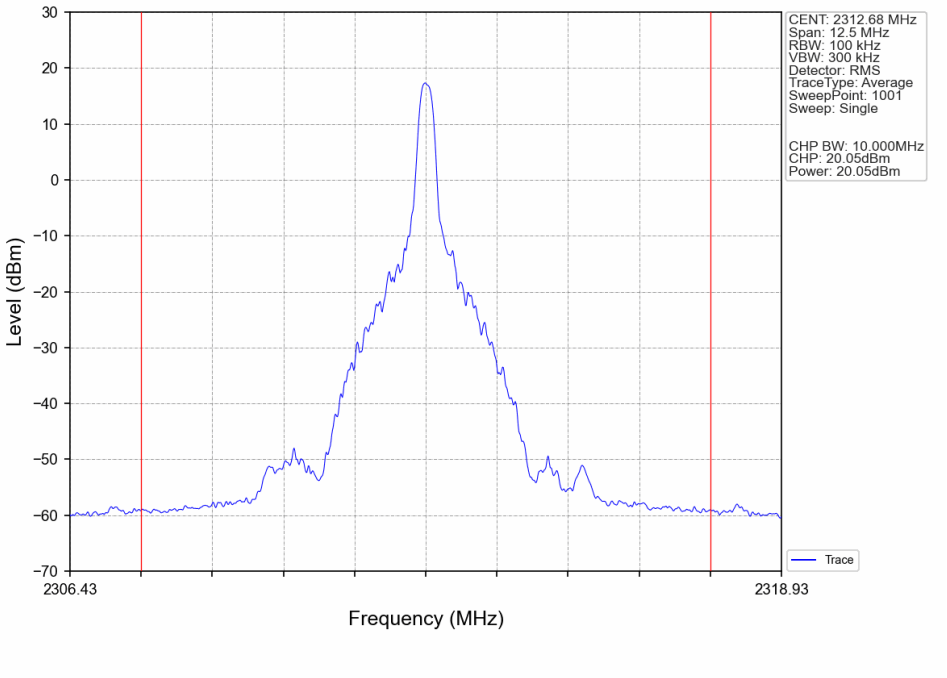
Band30_5MHz_QPSK_MCH_2310MHz_RB_25_0_NTNV



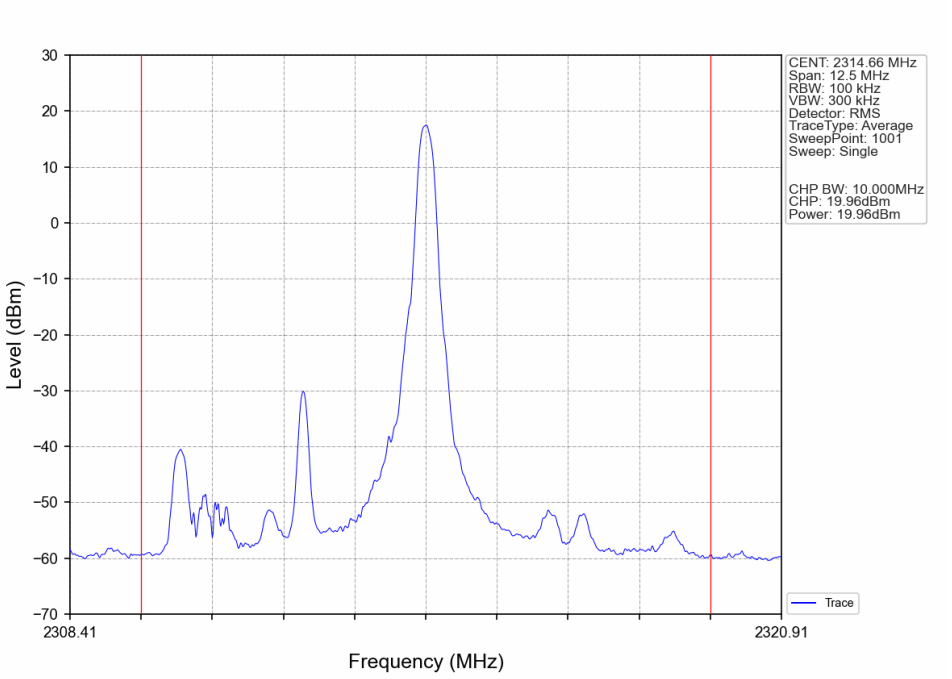
Band30_5MHz_QPSK_HCH_2312.5MHz_RB_1_0_NTNV



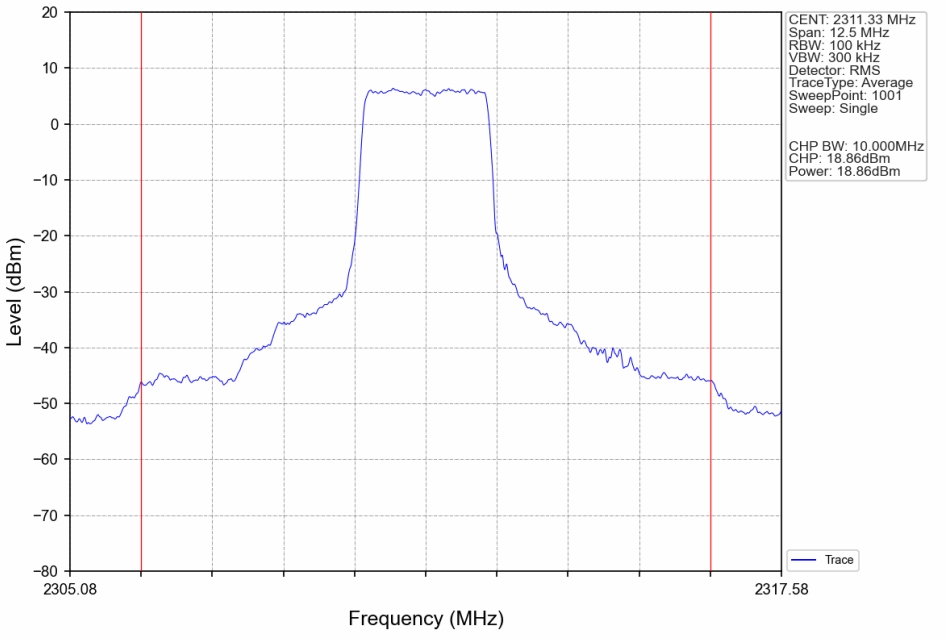
Band30_5MHz_QPSK_HCH_2312.5MHz_RB_1_13_NTNV



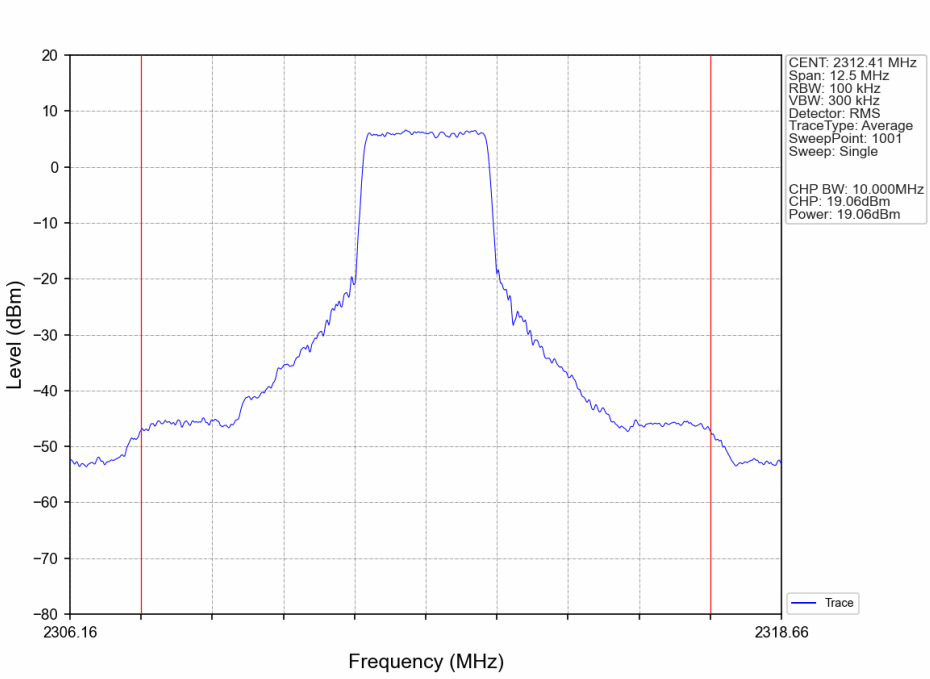
Band30_5MHz_QPSK_HCH_2312.5MHz_RB_1_24_NTNV



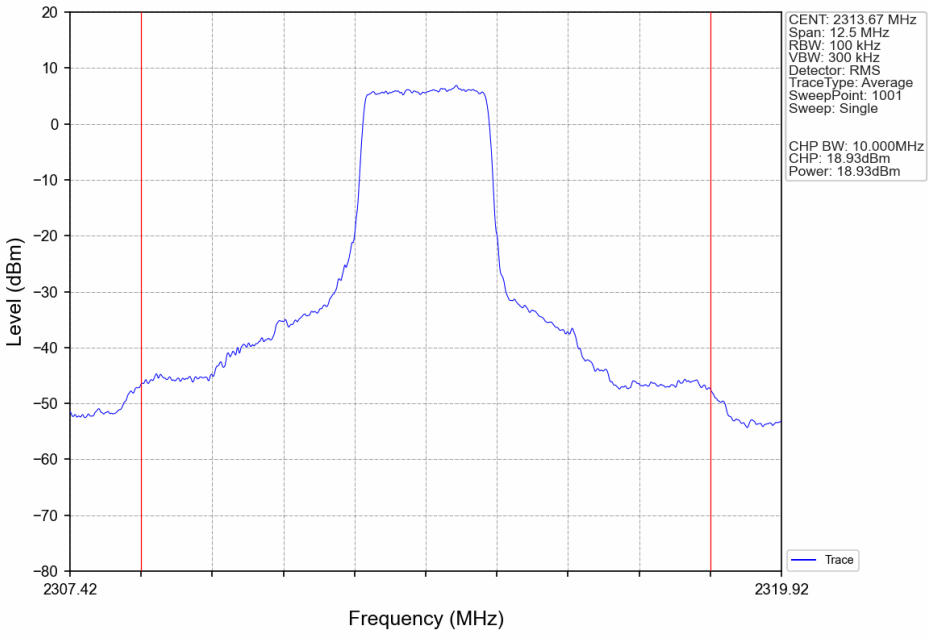
Band30_5MHz_QPSK_HCH_2312.5MHz_RB_12_0_NTNV



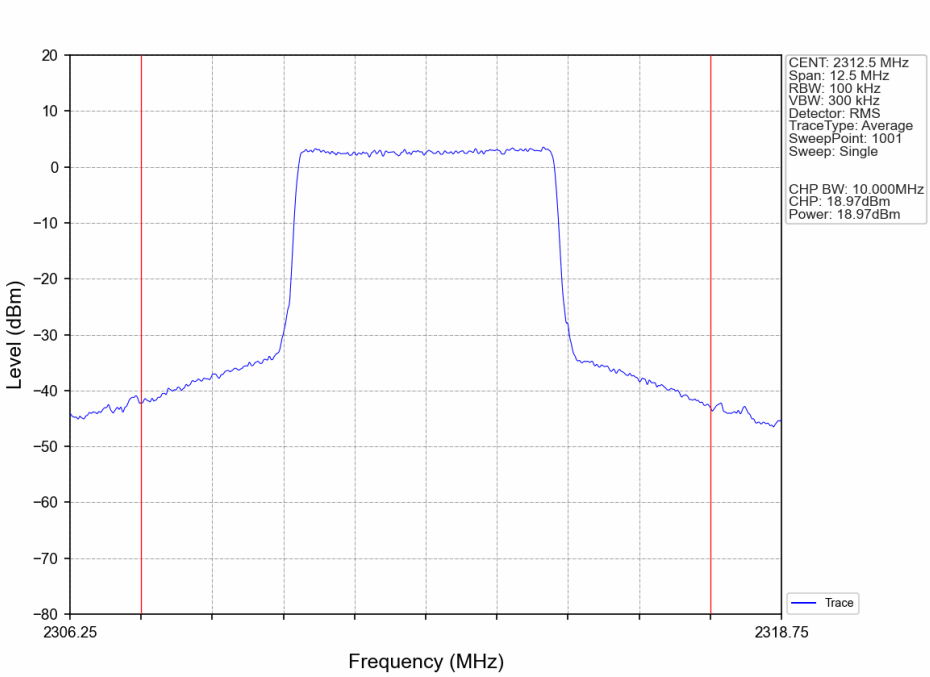
Band30_5MHz_QPSK_HCH_2312.5MHz_RB_12_6_NTNV



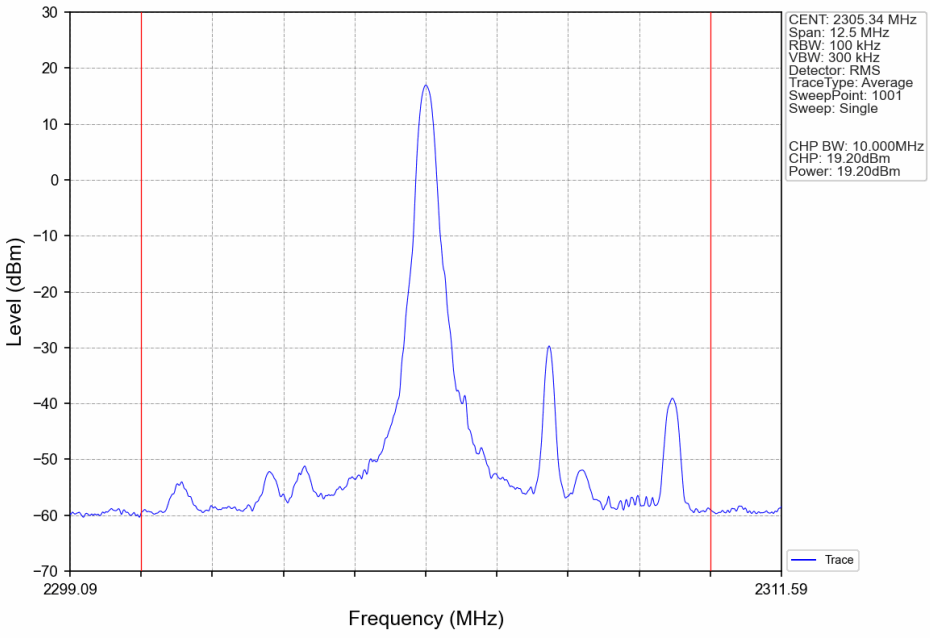
Band30_5MHz_QPSK_HCH_2312.5MHz_RB_12_13_NTNV



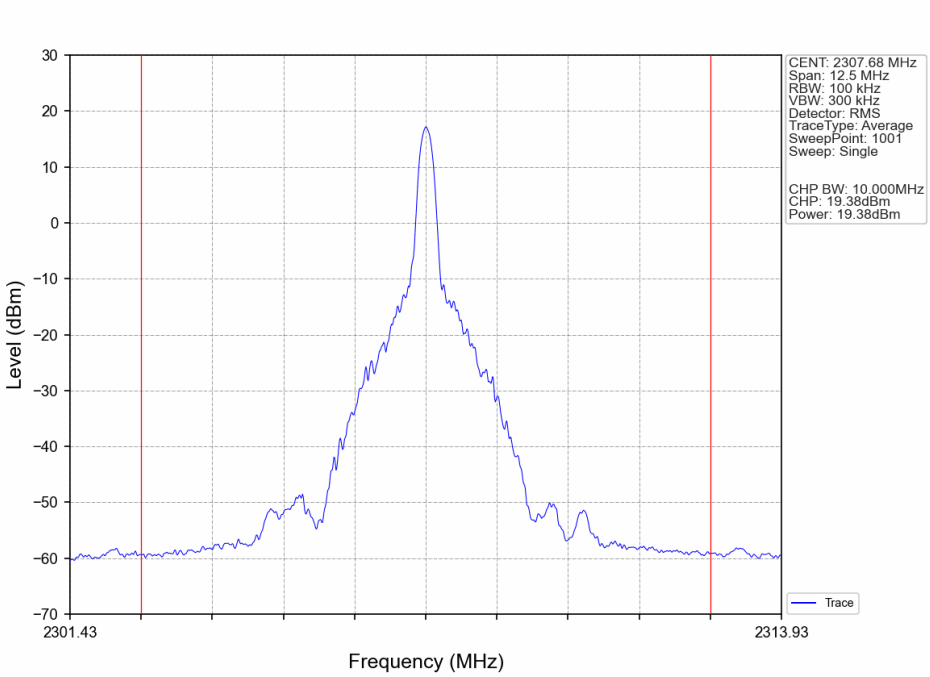
Band30_5MHz_QPSK_HCH_2312.5MHz_RB_25_0_NTNV



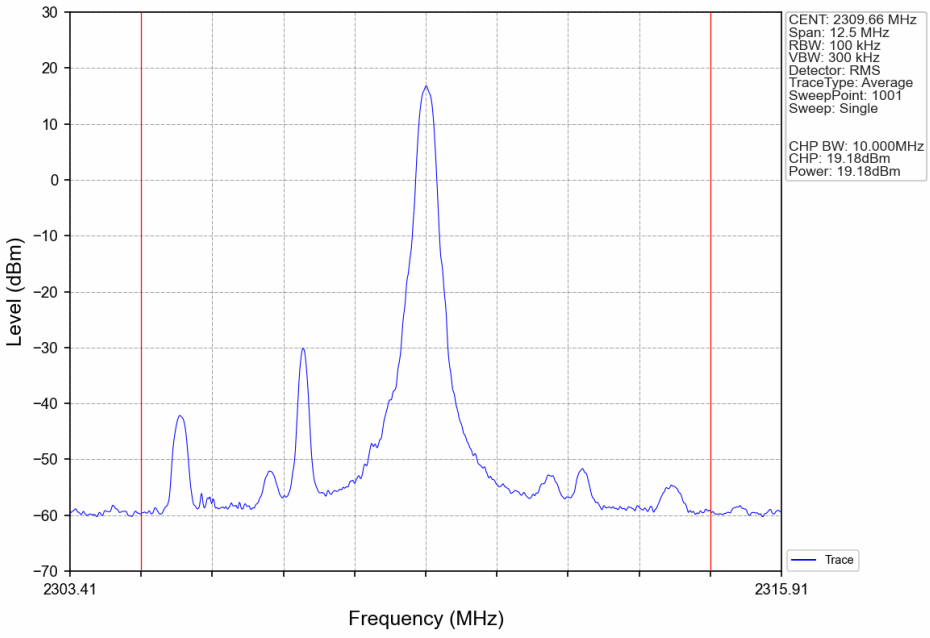
Band30_5MHz_16QAM_LCH_2307.5MHz_RB_1_0_NTNV



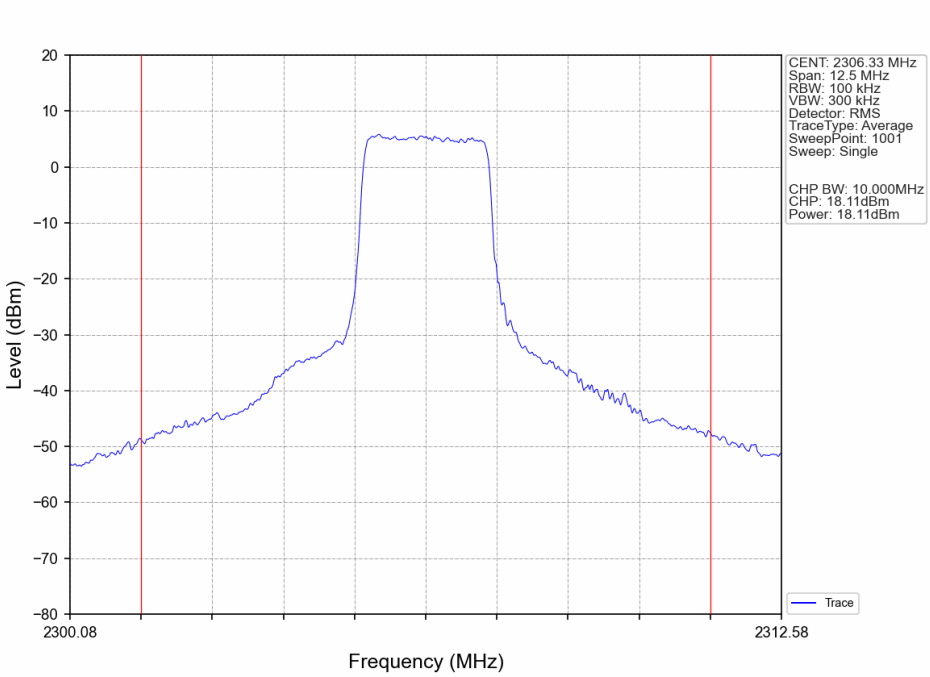
Band30_5MHz_16QAM_LCH_2307.5MHz_RB_1_13_NTNV



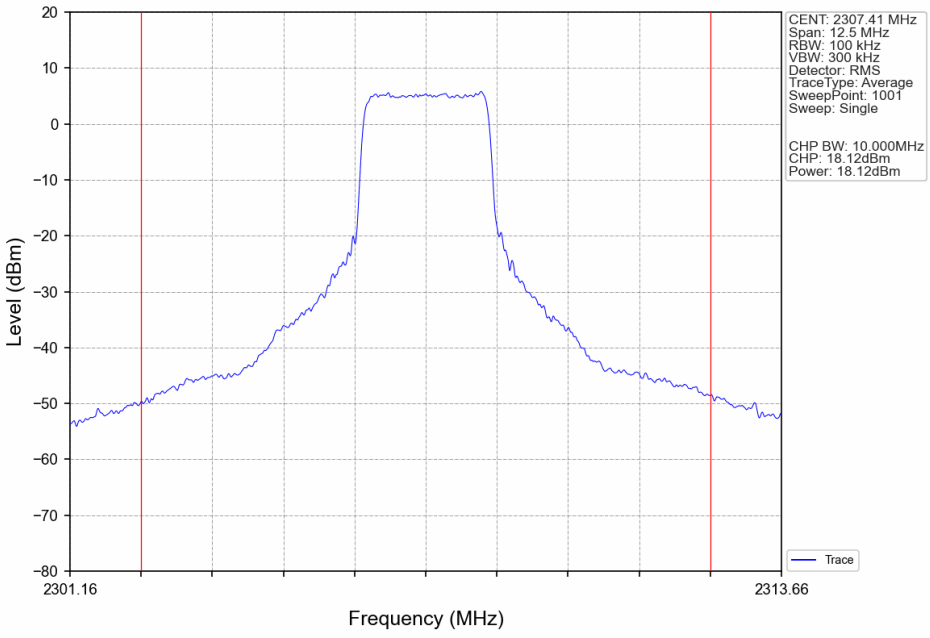
Band30_5MHz_16QAM_LCH_2307.5MHz_RB_1_24_NTNV



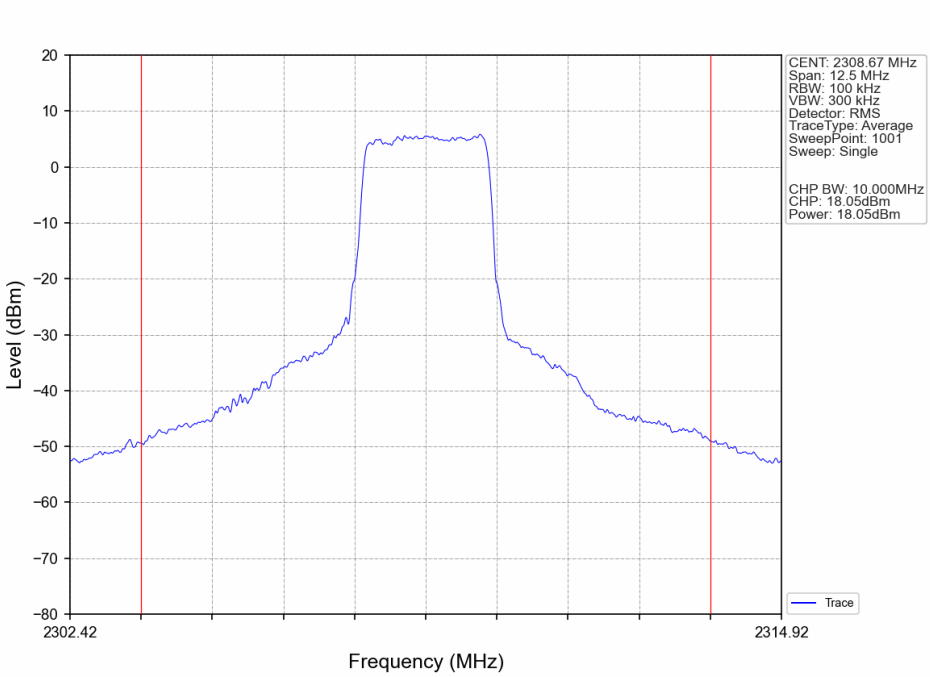
Band30_5MHz_16QAM_LCH_2307.5MHz_RB_12_0_NTNV



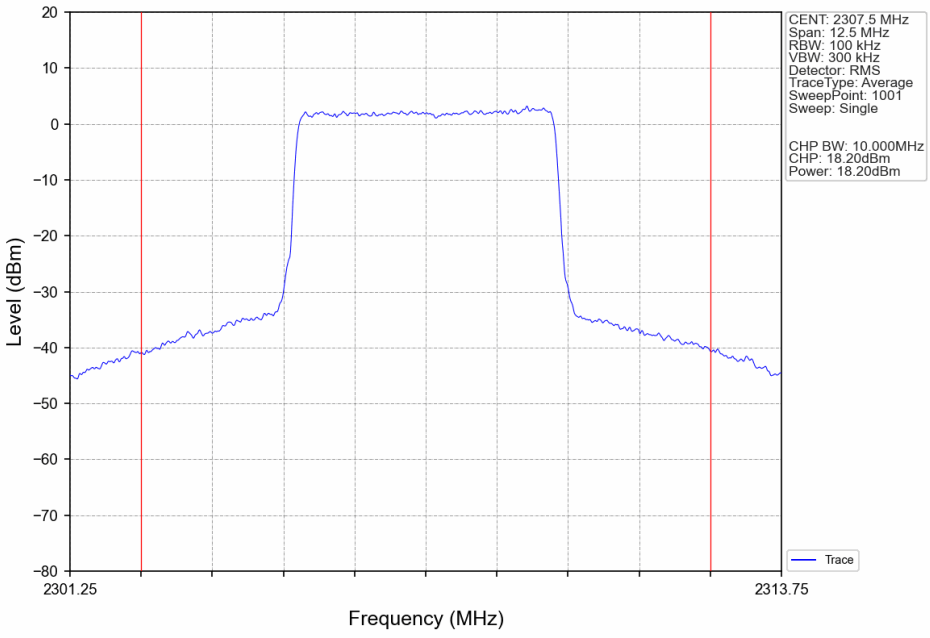
Band30_5MHz_16QAM_LCH_2307.5MHz_RB_12_6_NTNV



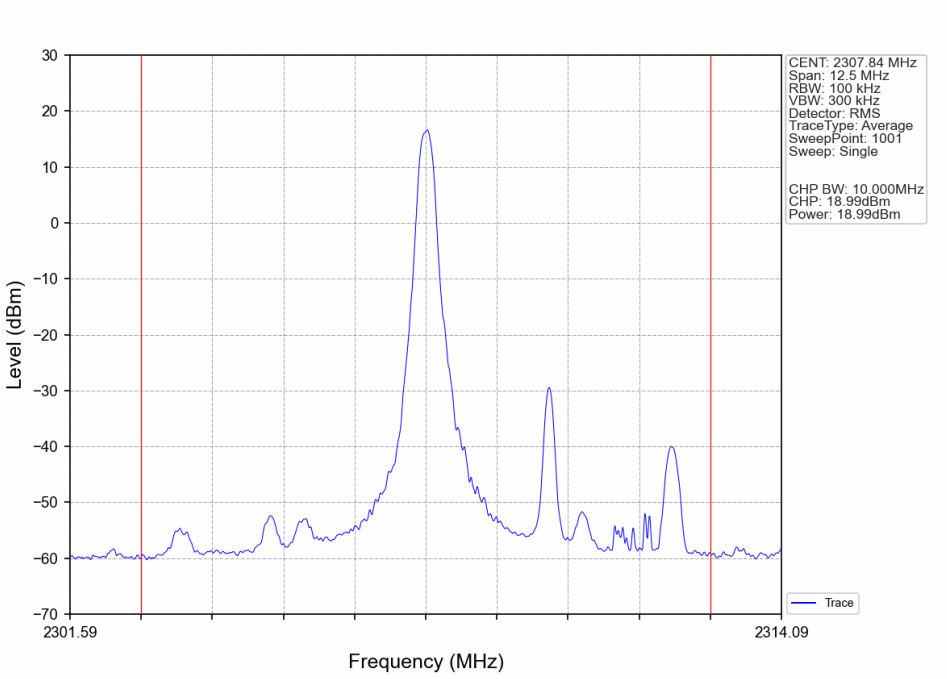
Band30_5MHz_16QAM_LCH_2307.5MHz_RB_12_13_NTNV



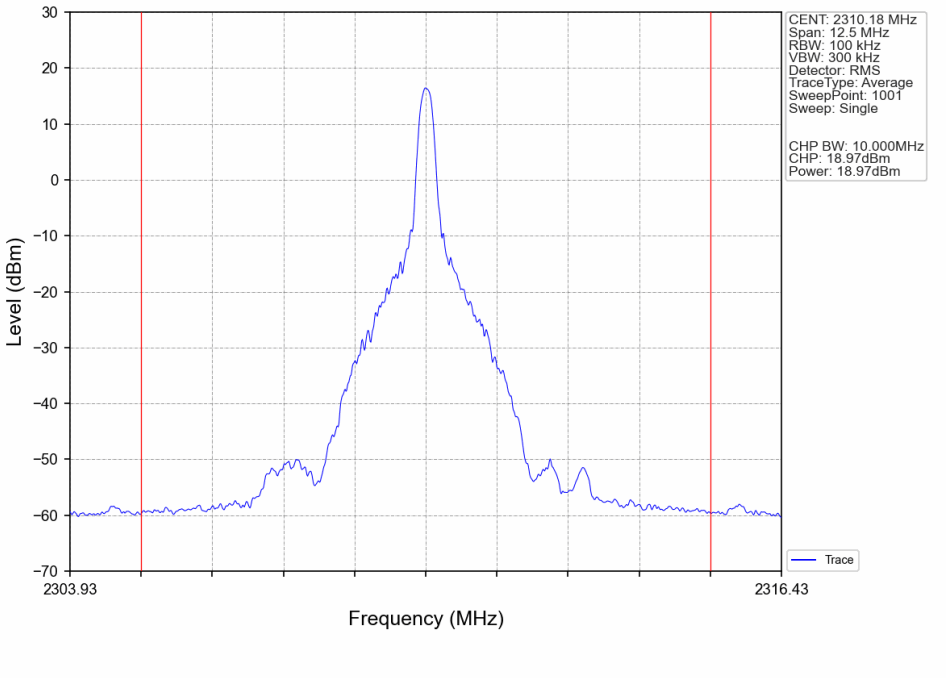
Band30_5MHz_16QAM_LCH_2307.5MHz_RB_25_0_NTNV



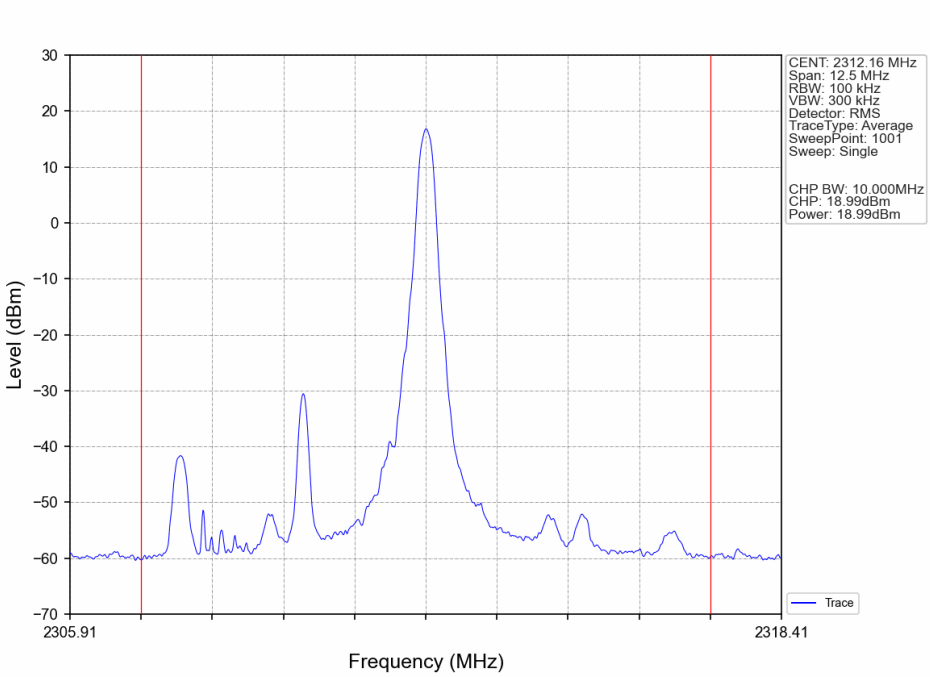
Band30_5MHz_16QAM_MCH_2310MHz_RB_1_0_NTNV



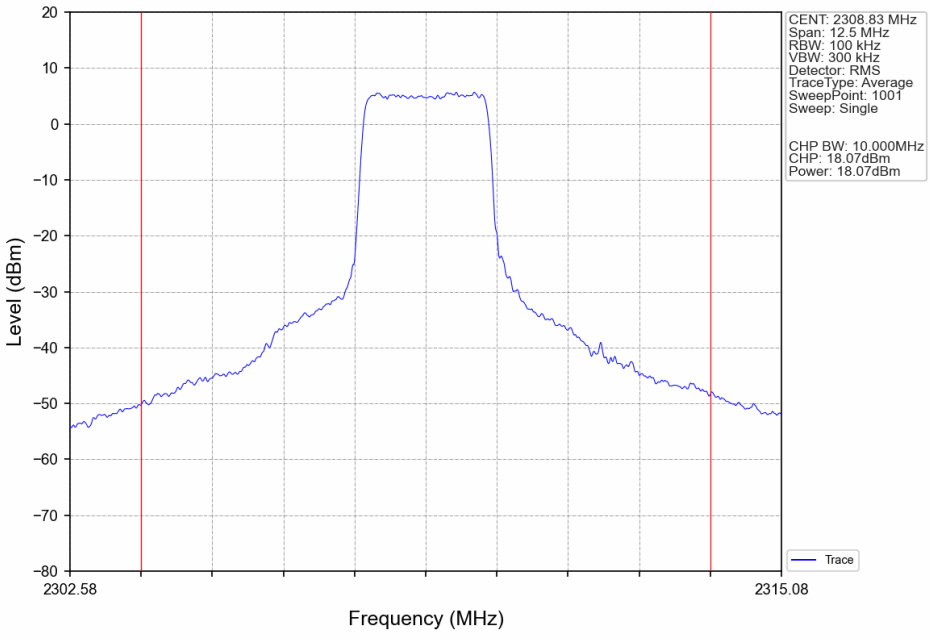
Band30_5MHz_16QAM_MCH_2310MHz_RB_1_13_NTNV



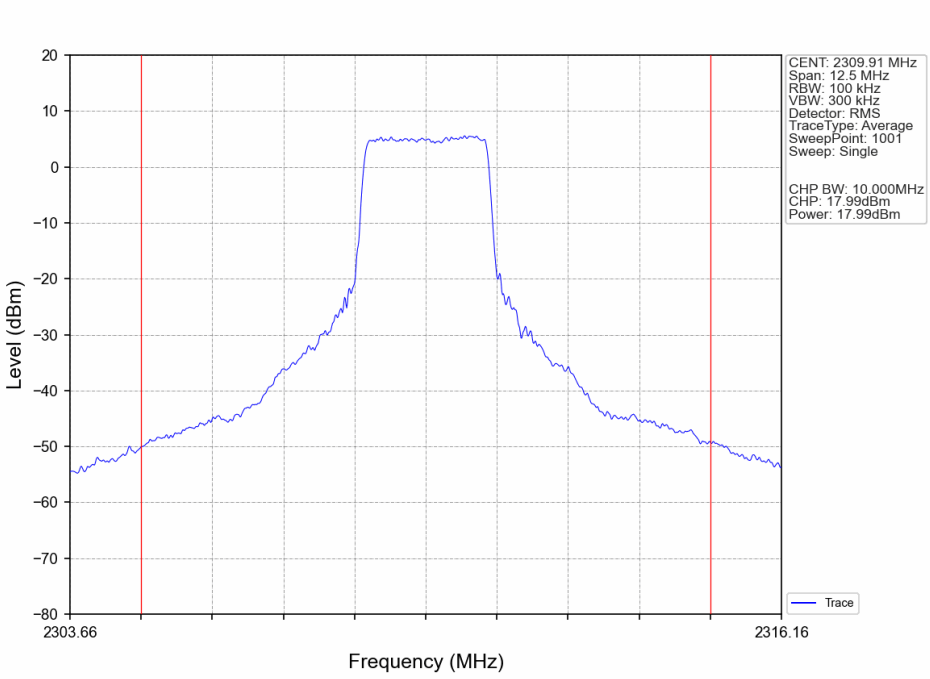
Band30_5MHz_16QAM_MCH_2310MHz_RB_1_24_NTNV



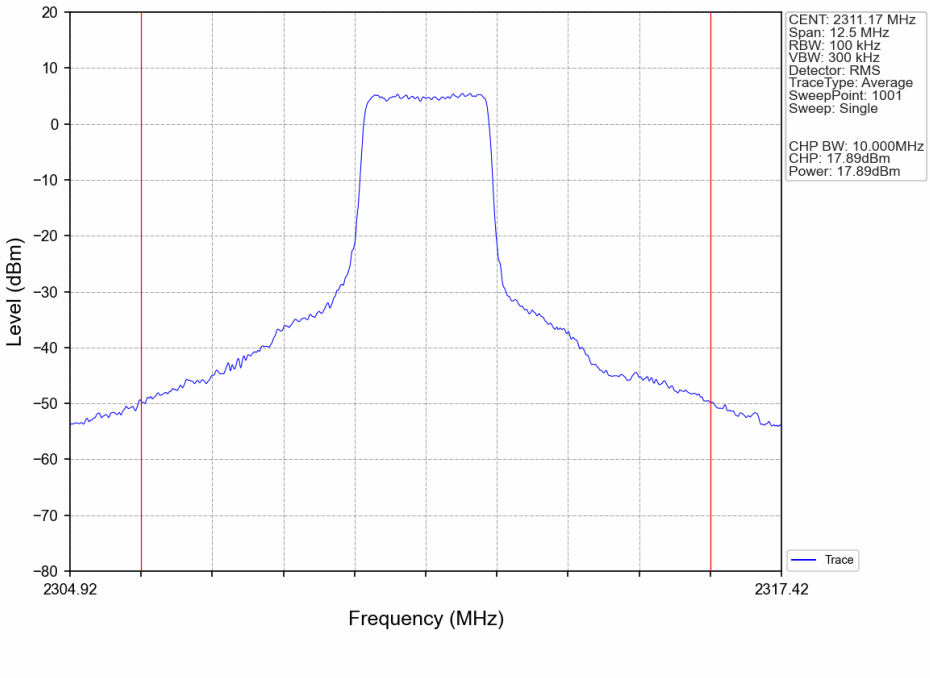
Band30_5MHz_16QAM_MCH_2310MHz_RB_12_0_NTNV



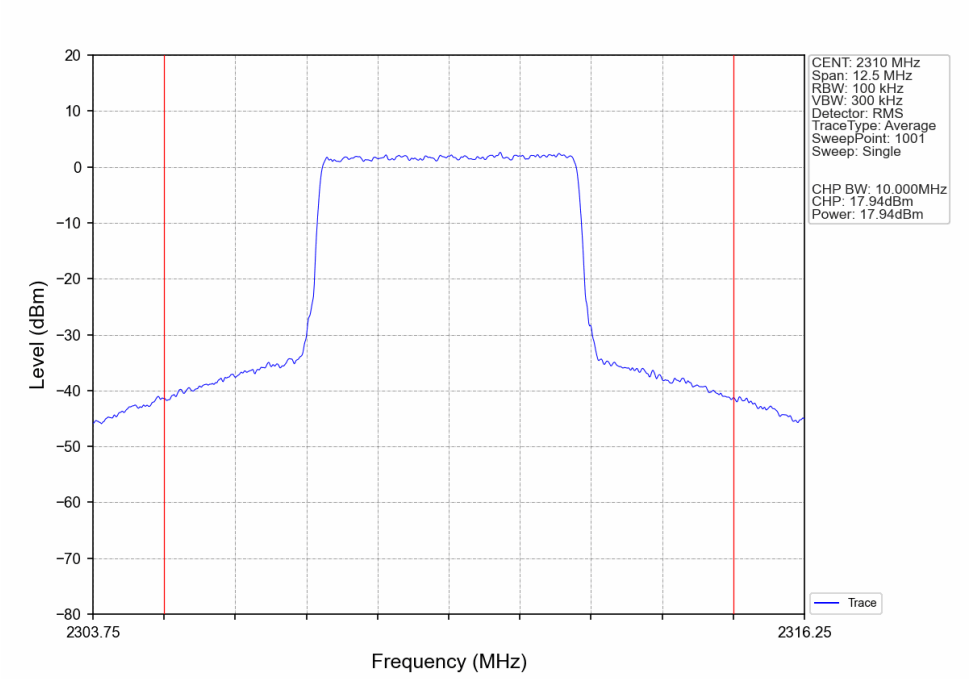
Band30_5MHz_16QAM_MCH_2310MHz_RB_12_6_NTNV



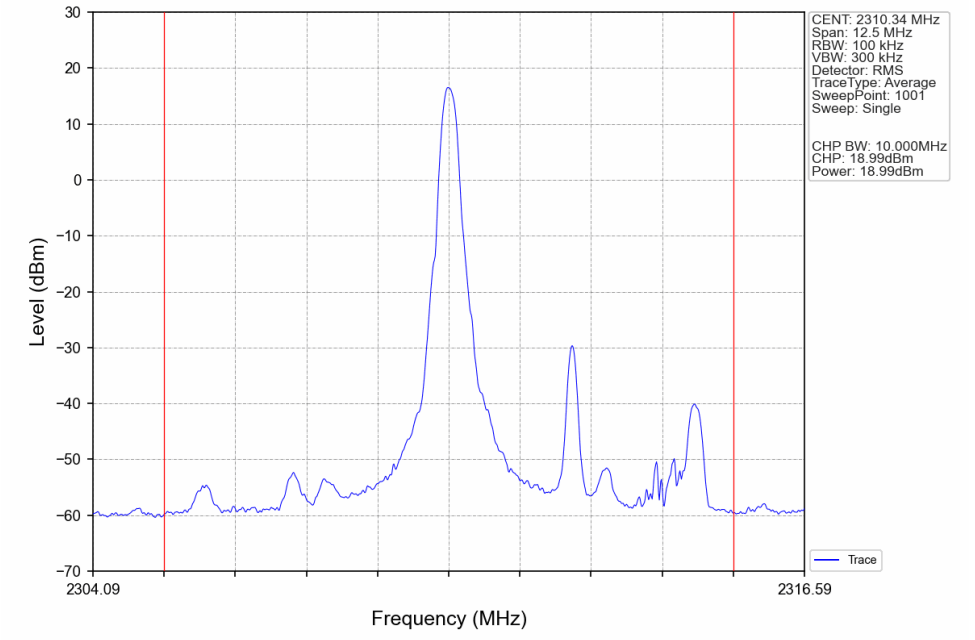
Band30_5MHz_16QAM_MCH_2310MHz_RB_12_13_NTNV



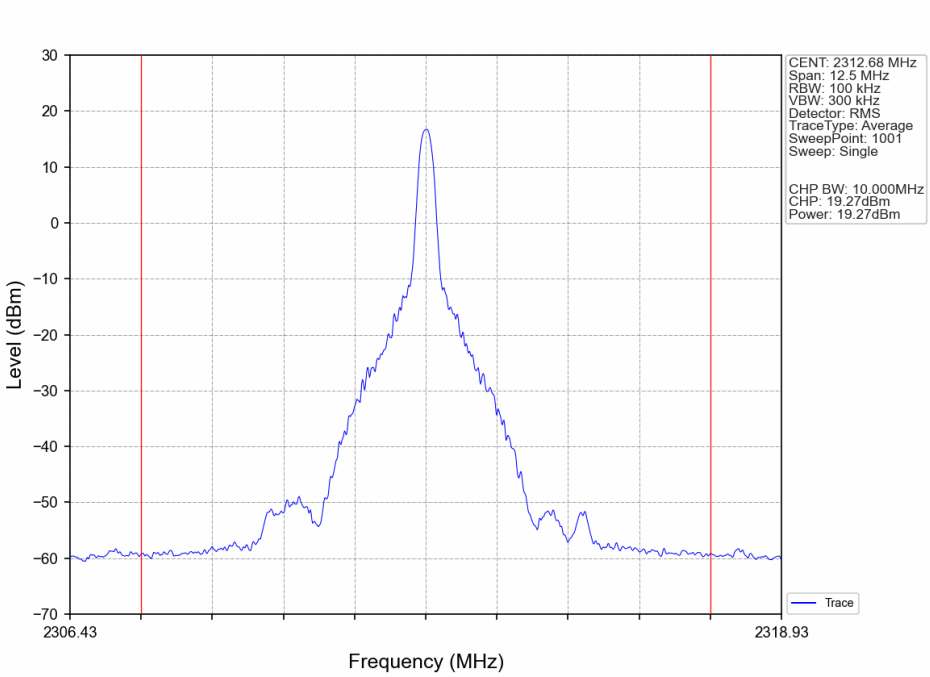
Band30_5MHz_16QAM_MCH_2310MHz_RB_25_0_NTNV



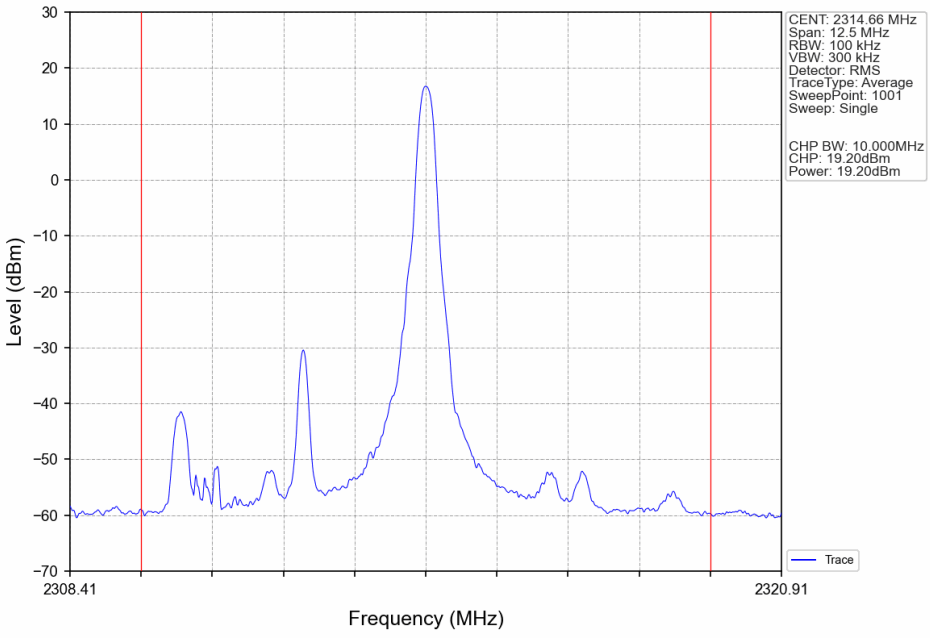
Band30_5MHz_16QAM_HCH_2312.5MHz_RB_1_0_NTNV



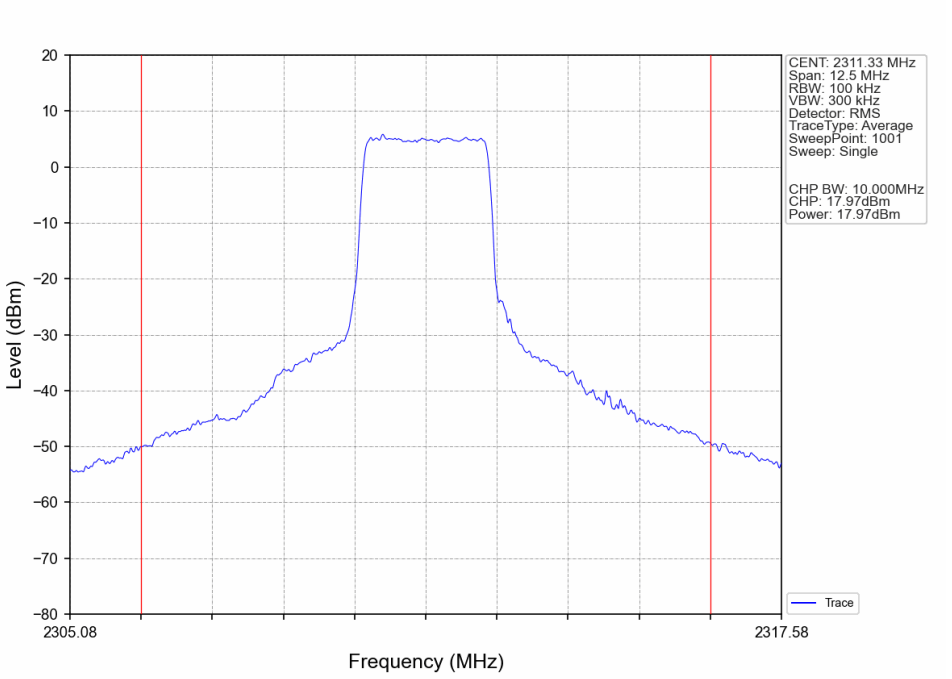
Band30_5MHz_16QAM_HCH_2312.5MHz_RB_1_13_NTNV



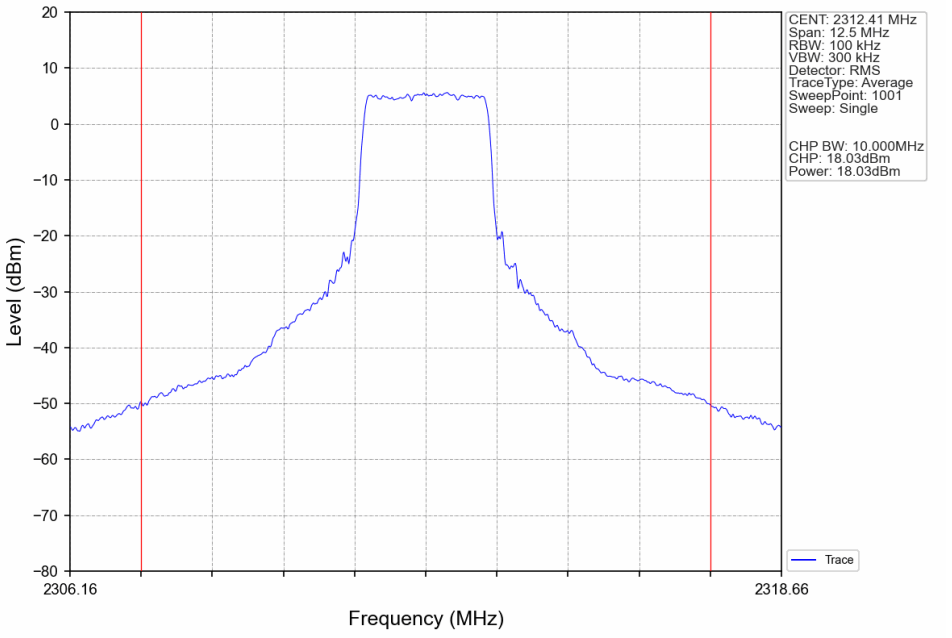
Band30_5MHz_16QAM_HCH_2312.5MHz_RB_1_24_NTNV



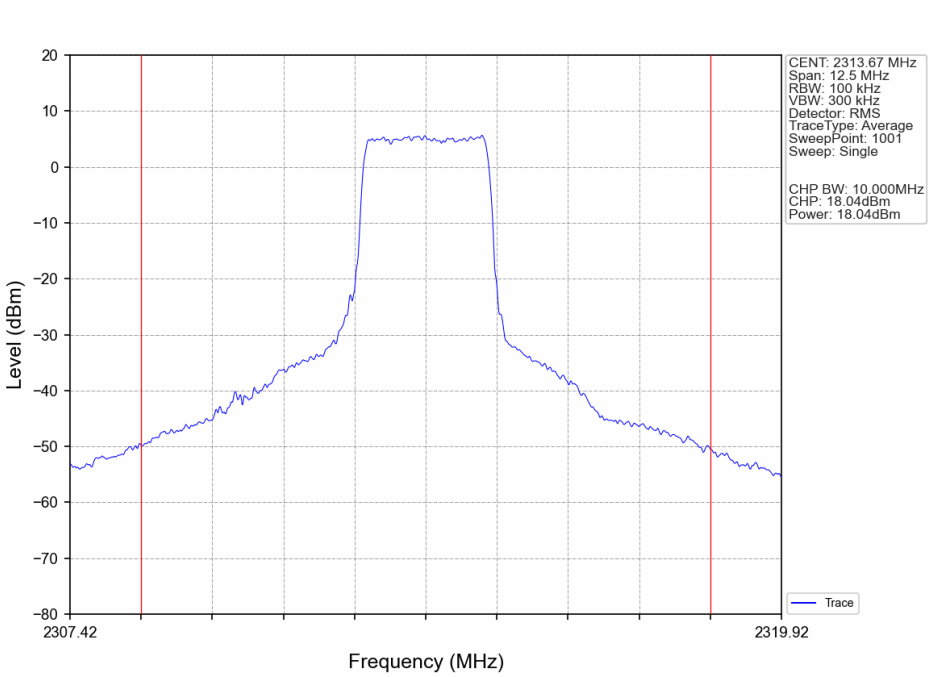
Band30_5MHz_16QAM_HCH_2312.5MHz_RB_12_0_NTNV



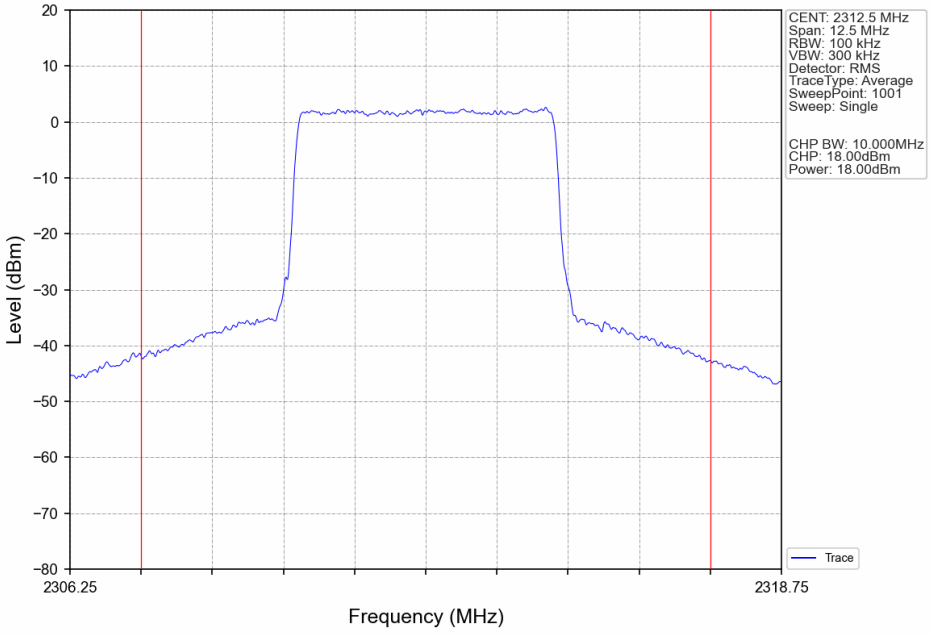
Band30_5MHz_16QAM_HCH_2312.5MHz_RB_12_6_NTNV



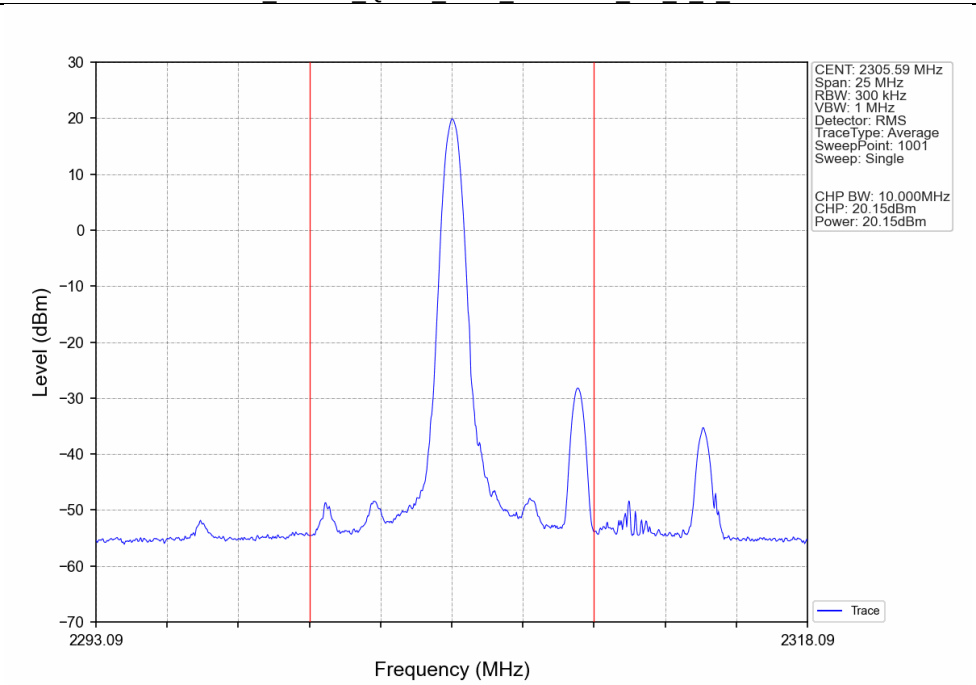
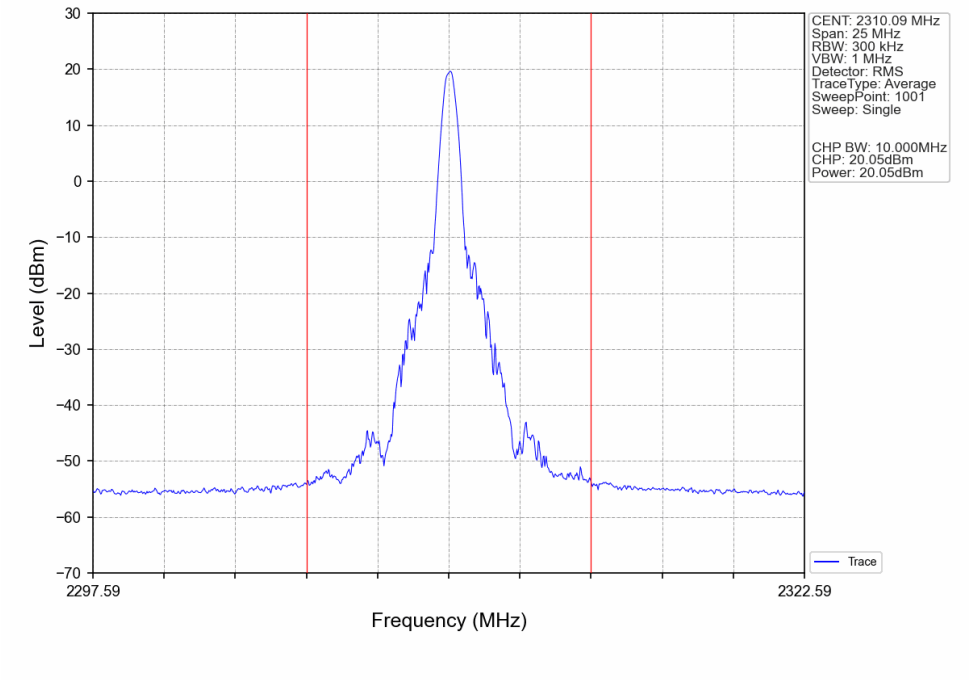
Band30_5MHz_16QAM_HCH_2312.5MHz_RB_12_13_NTNV



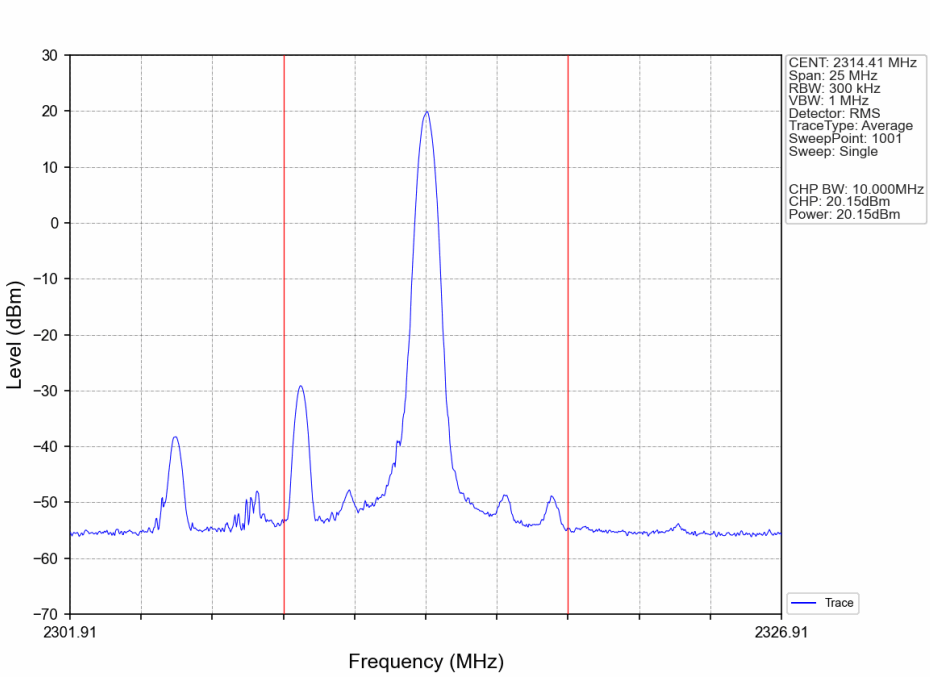
Band30_5MHz_16QAM_HCH_2312.5MHz_RB_25_0_NTNV



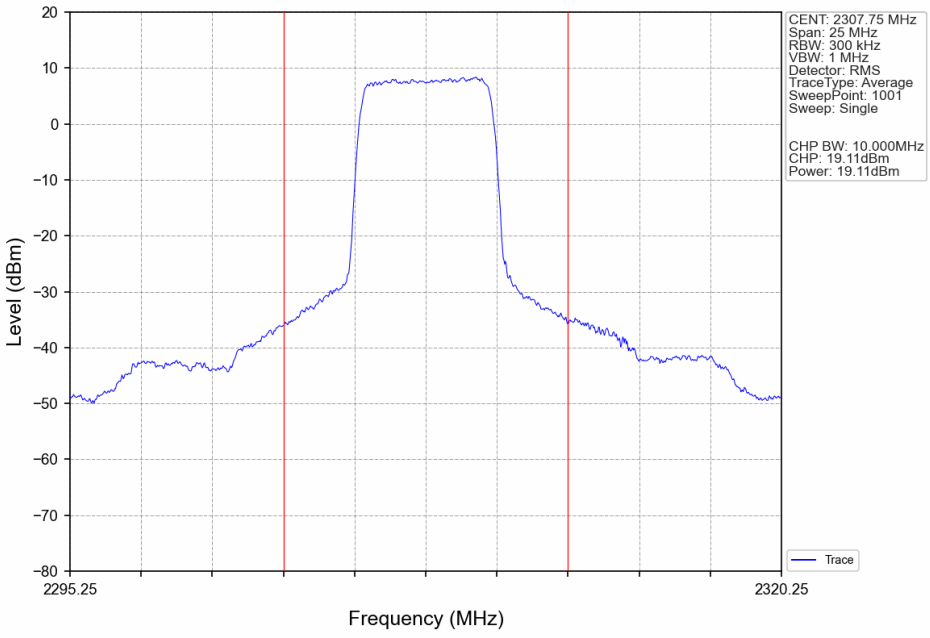
1.2.2 B30_10MHz_EIRP/10MHz

Band30_10MHz_QPSK_MCH_2310MHz_RB_1_0_NTNV

Band30_10MHz_QPSK_MCH_2310MHz_RB_1_25_NTNV


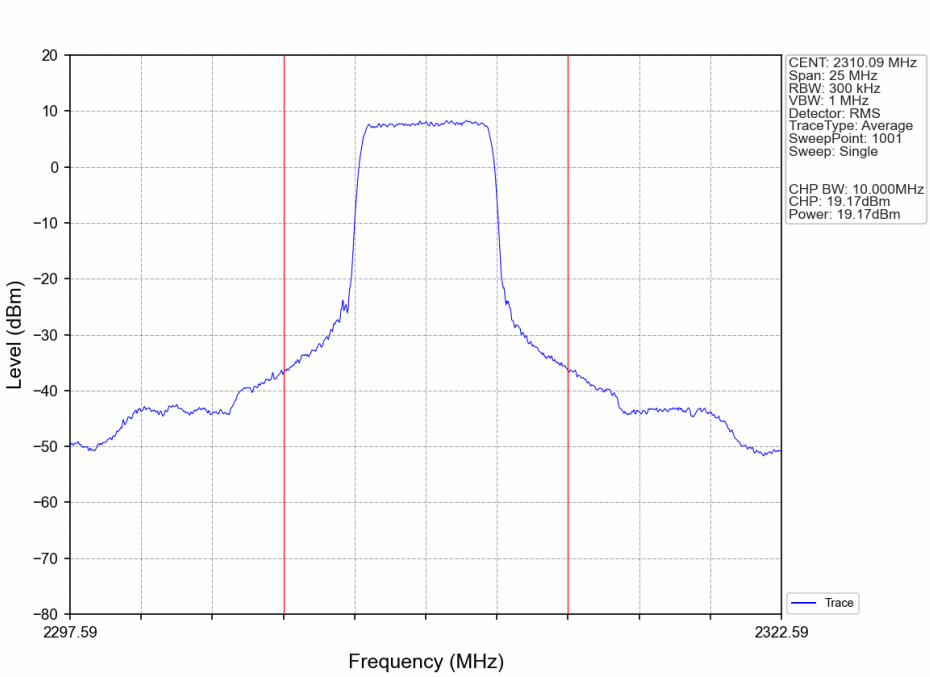
Band30_10MHz_QPSK_MCH_2310MHz_RB_1_49_NTNV



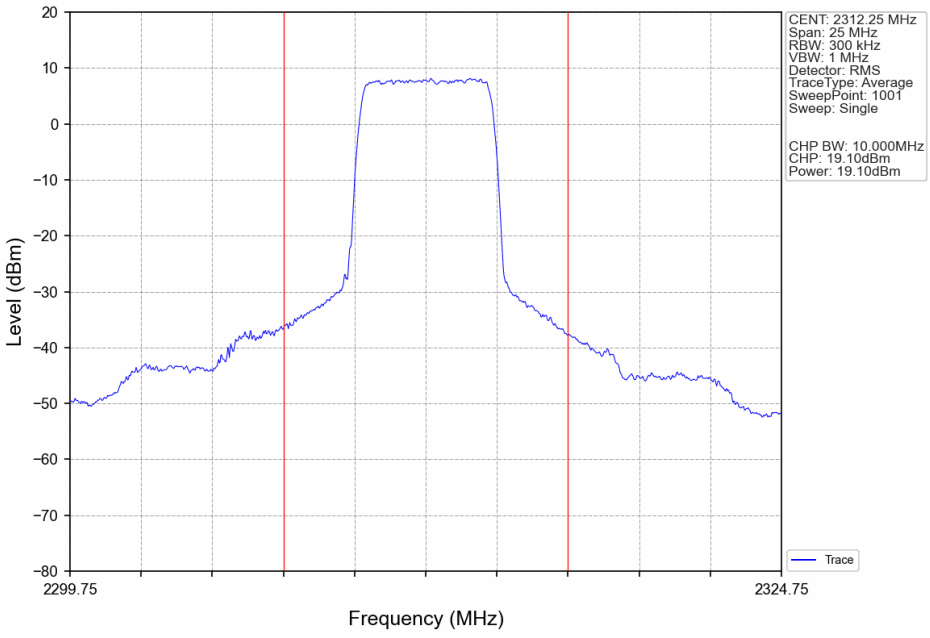
Band30_10MHz_QPSK_MCH_2310MHz_RB_25_0_NTNV



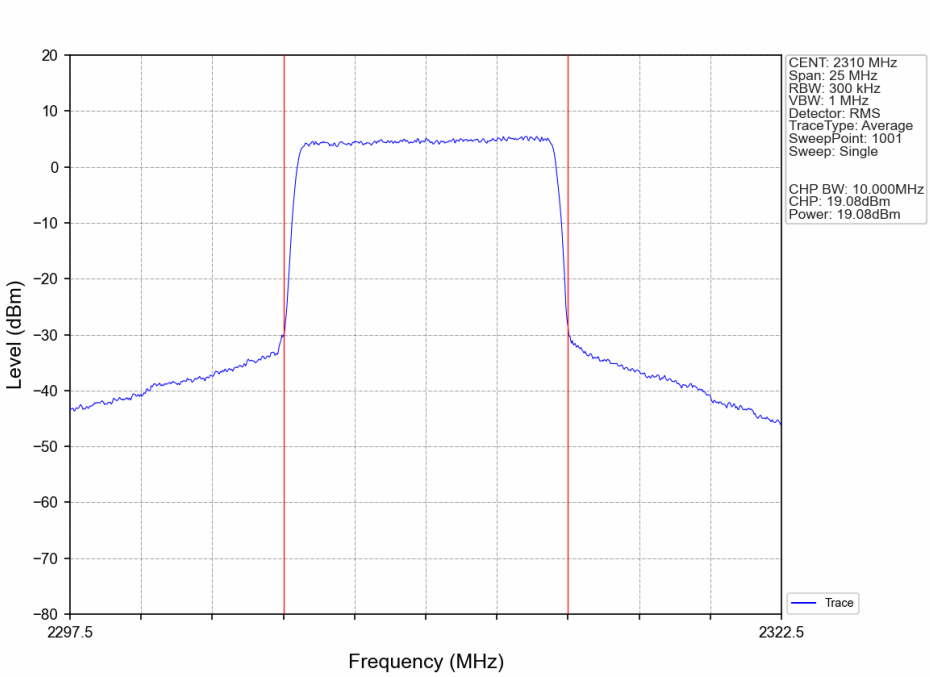
Band30_10MHz_QPSK_MCH_2310MHz_RB_25_13_NTNV



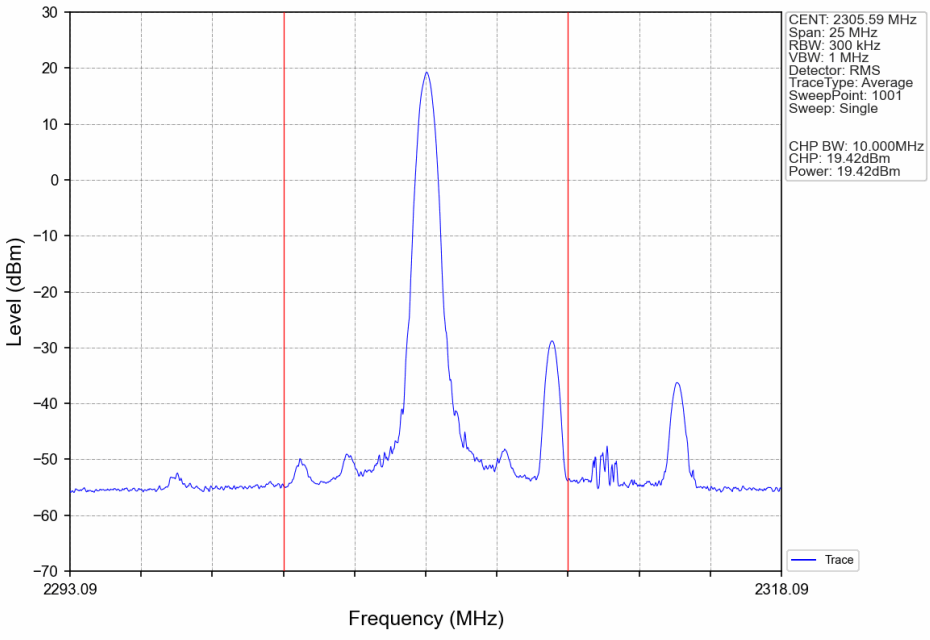
Band30_10MHz_QPSK_MCH_2310MHz_RB_25_25_NTNV



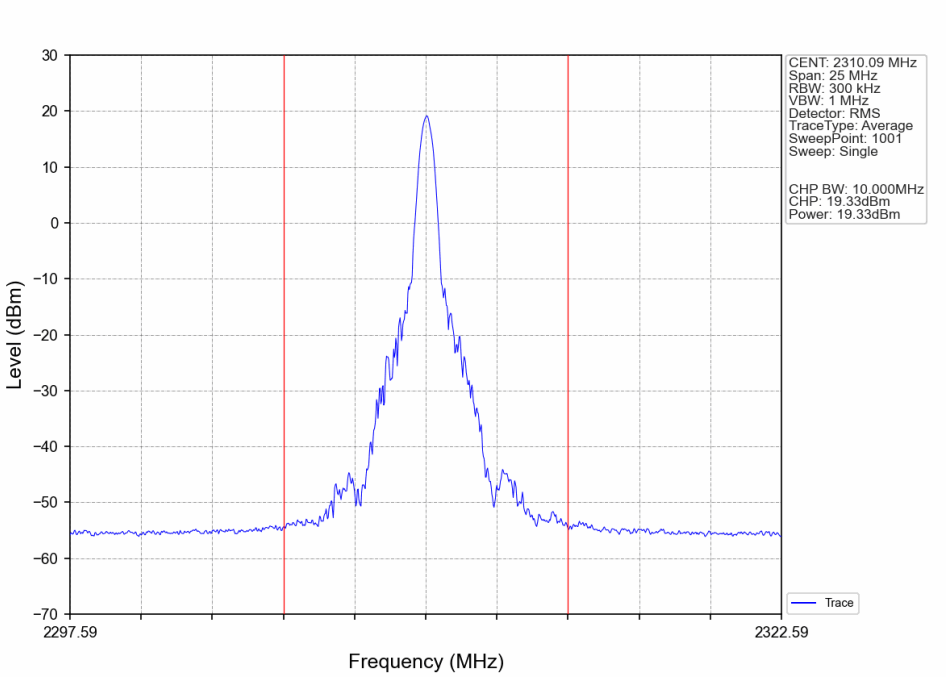
Band30_10MHz_QPSK_MCH_2310MHz_RB_50_0_NTNV



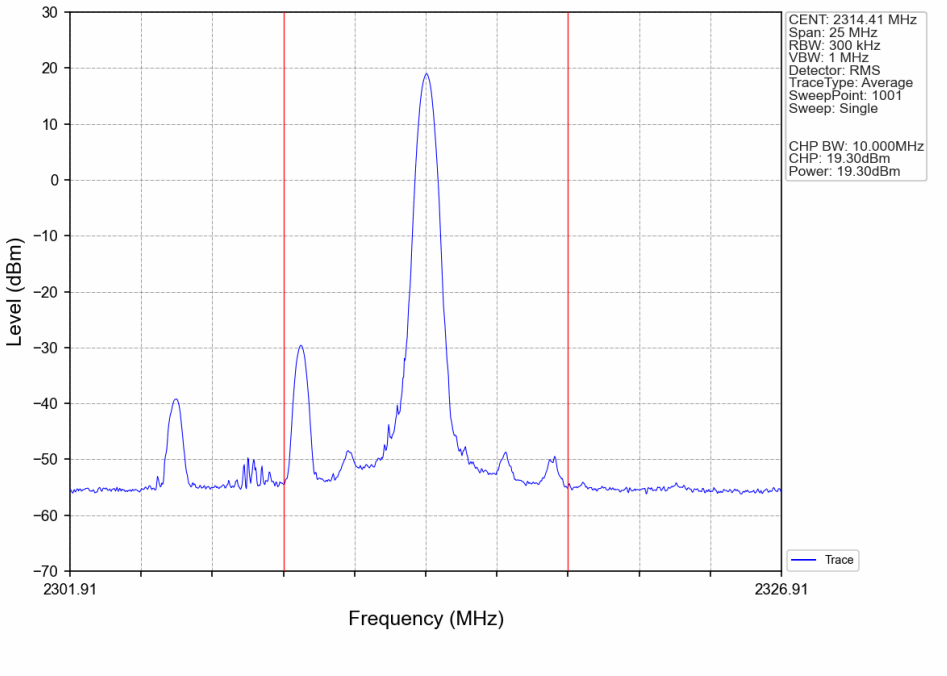
Band30_10MHz_16QAM_MCH_2310MHz_RB_1_0_NTNV



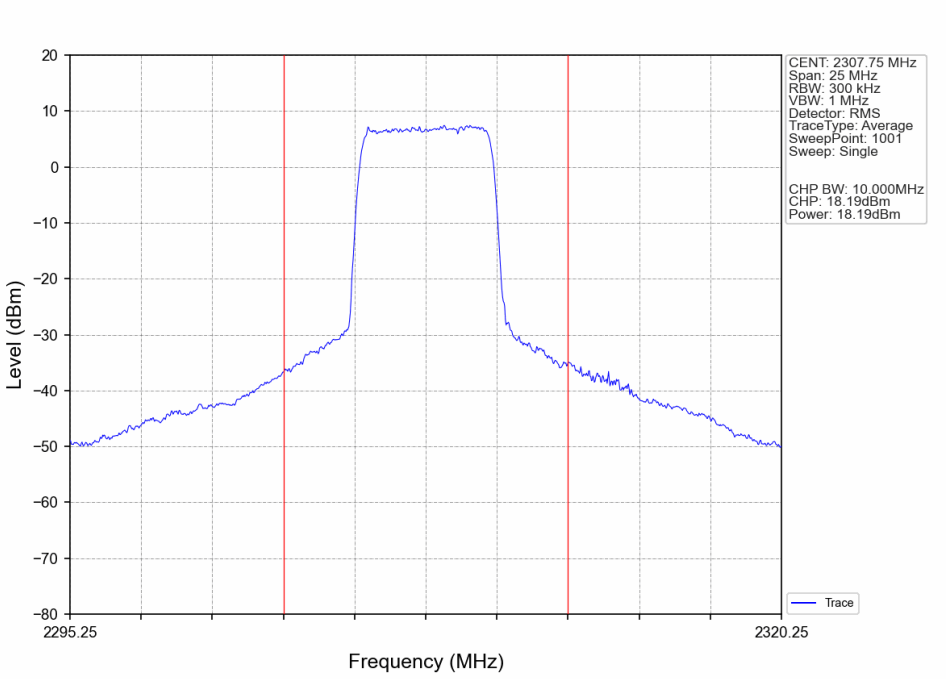
Band30_10MHz_16QAM_MCH_2310MHz_RB_1_25_NTNV



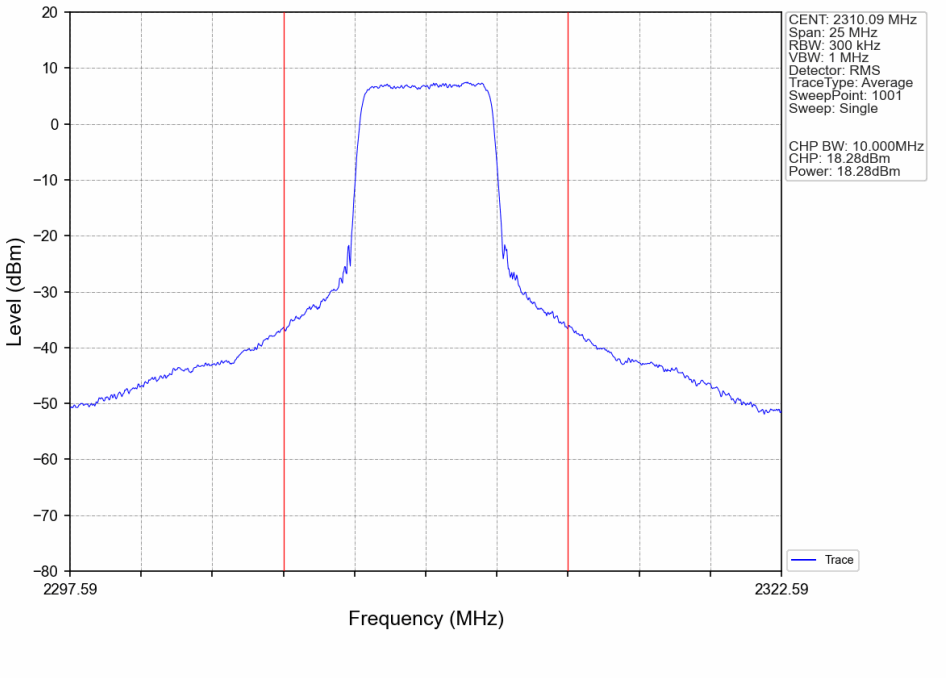
Band30_10MHz_16QAM_MCH_2310MHz_RB_1_49_NTNV



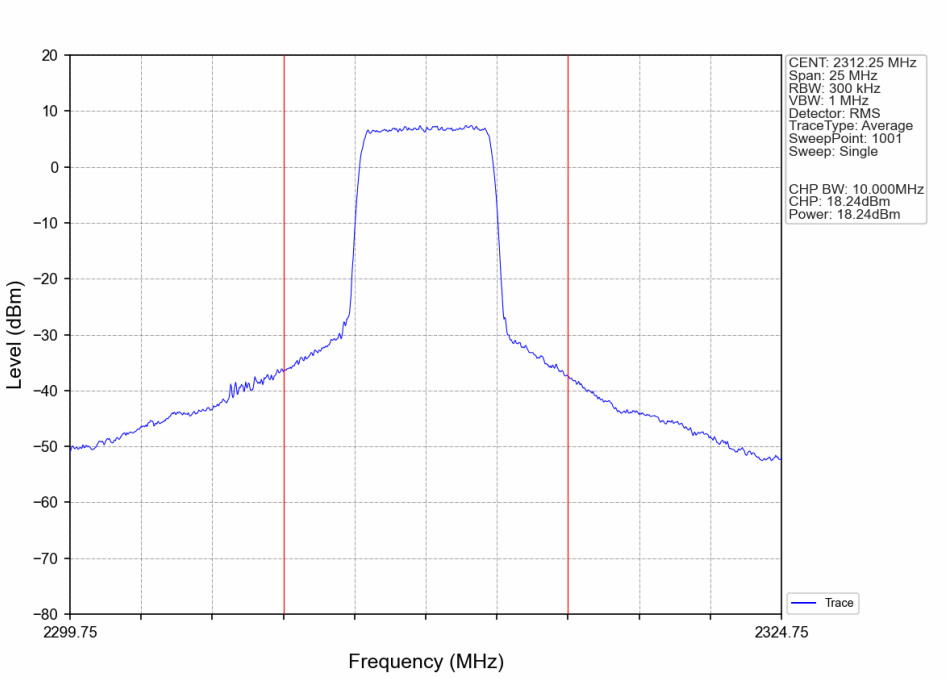
Band30_10MHz_16QAM_MCH_2310MHz_RB_25_0_NTNV



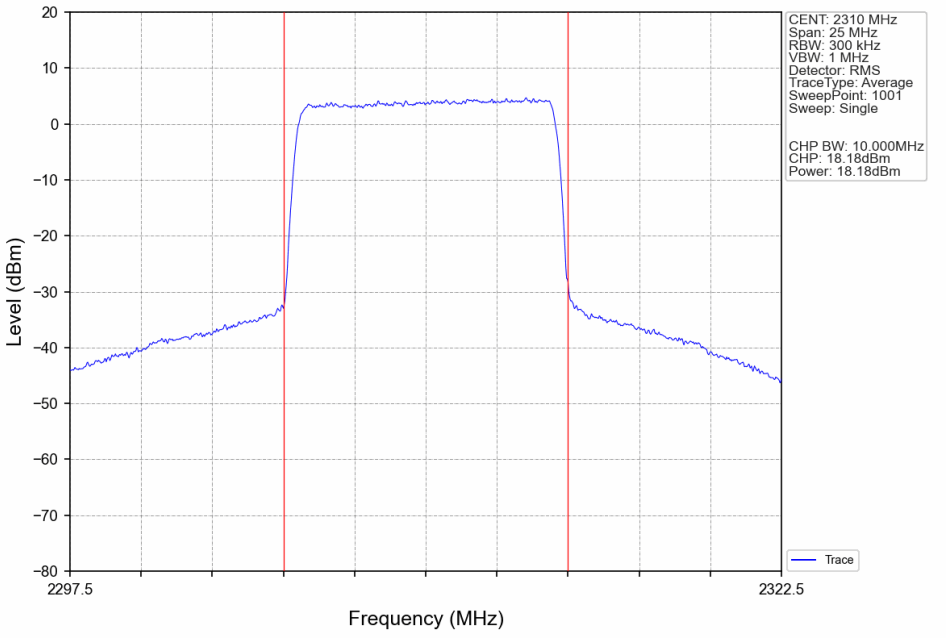
Band30_10MHz_16QAM_MCH_2310MHz_RB_25_13_NTNV



Band30_10MHz_16QAM_MCH_2310MHz_RB_25_25_NTNV



Band30_10MHz_16QAM_MCH_2310MHz_RB_50_0_NTNV



2. Frequency Stability

2.1 Test Result

2.1.1 B30_10MHz

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	138	1.802	0.0008	-2.5 to 2.5	Pass
					120	0.386	0.0002	-2.5 to 2.5	Pass
					102	-0.644	-0.0003	-2.5 to 2.5	Pass
				-30	120	-2.174	-0.0009	-2.5 to 2.5	Pass
				-20	120	1.760	0.0008	-2.5 to 2.5	Pass
				-10	120	2.289	0.0010	-2.5 to 2.5	Pass
				0	120	-0.916	-0.0004	-2.5 to 2.5	Pass
				10	120	-0.215	-0.0001	-2.5 to 2.5	Pass
				30	120	-0.100	0.0000	-2.5 to 2.5	Pass
				40	120	-1.187	-0.0005	-2.5 to 2.5	Pass
				50	120	1.717	0.0007	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band30_OBW

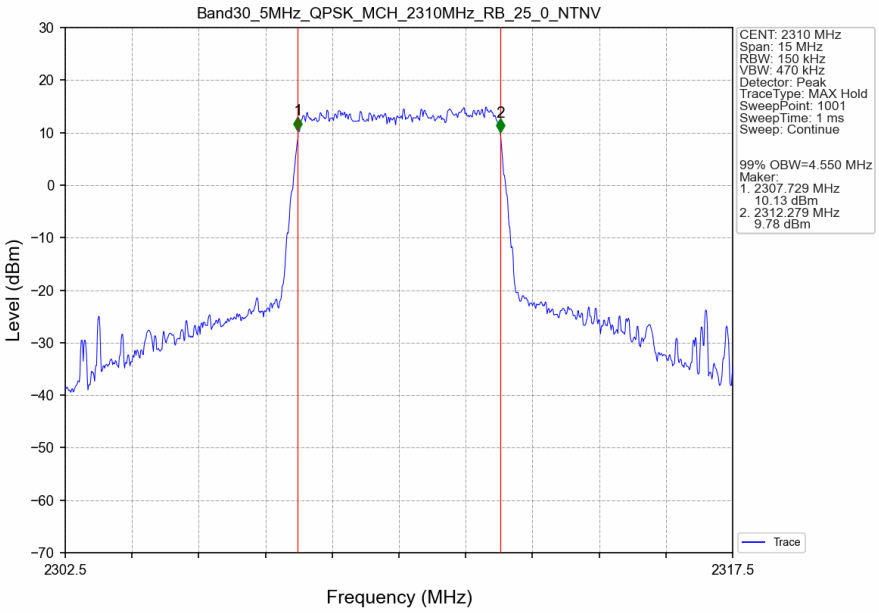
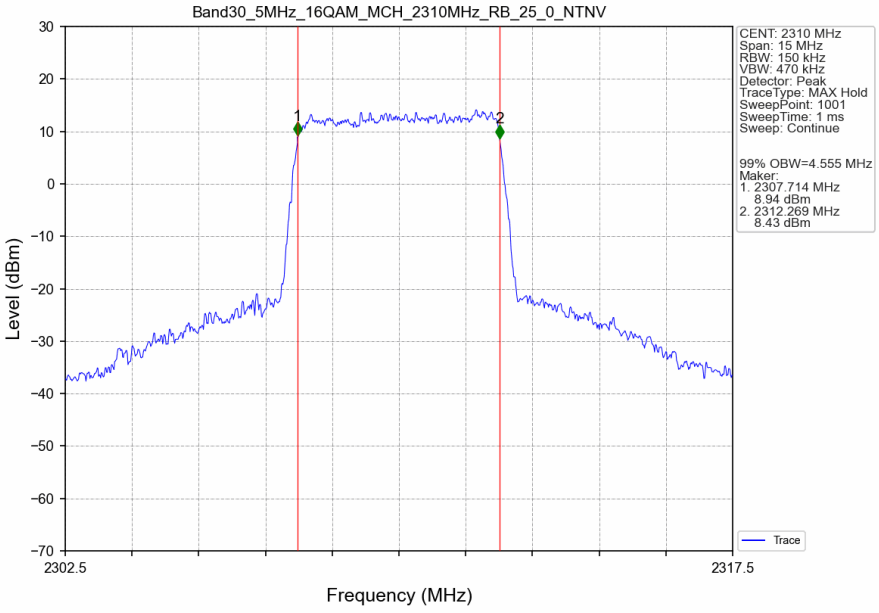
Band: 30 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2310	25	0	4.550	/	Pass
	16QAM	2310	25	0	4.555	/	Pass
10	QPSK	2310	50	0	9.069	/	Pass
	16QAM	2310	50	0	9.055	/	Pass

3.1.2 Band30_XDB

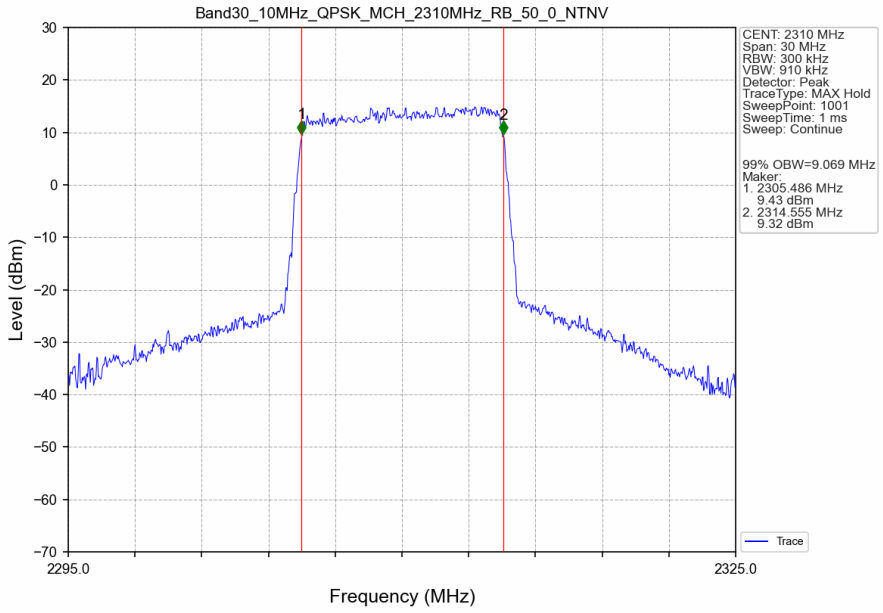
Band: 30 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2310	25	0	5.047	/	Pass
	16QAM	2310	25	0	5.055	/	Pass
10	QPSK	2310	50	0	9.947	/	Pass
	16QAM	2310	50	0	9.938	/	Pass

3.2 Test Graph

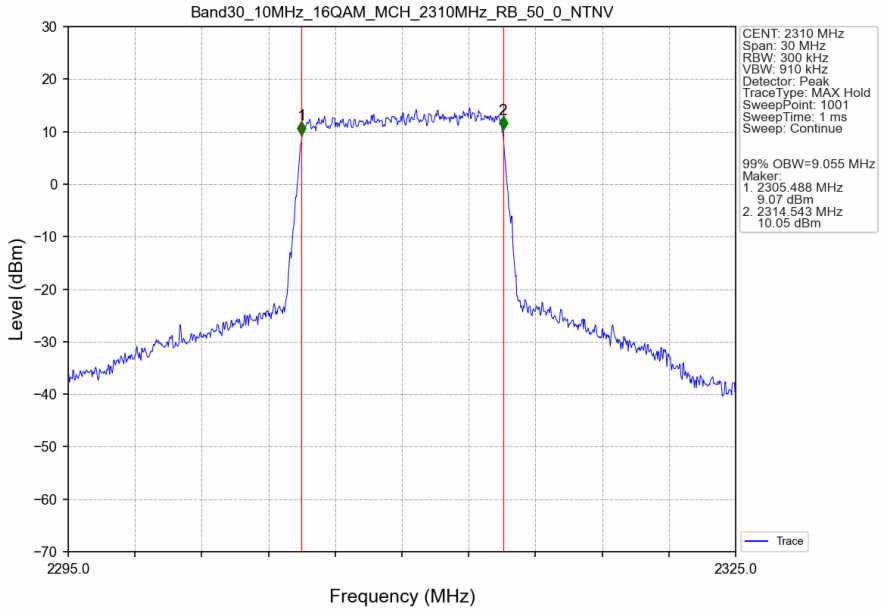
3.2.1 Band30_OBW

Band30_5MHz_QPSK_MCH_2310MHz_RB_25_0_NTNV

Band30_5MHz_16QAM_MCH_2310MHz_RB_25_0_NTNV


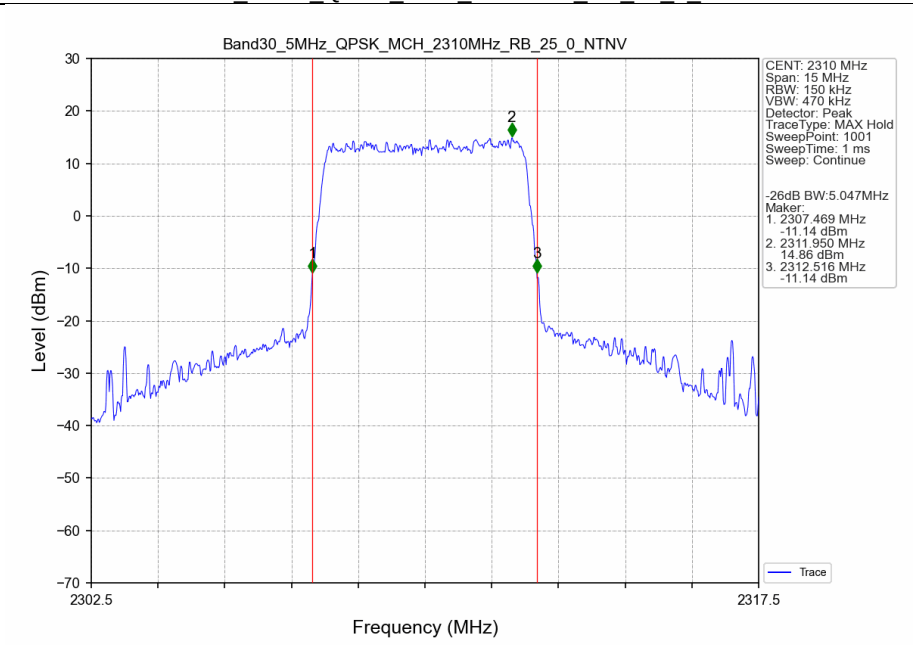
Band30_10MHz_QPSK_MCH_2310MHz_RB_50_0_NTNV

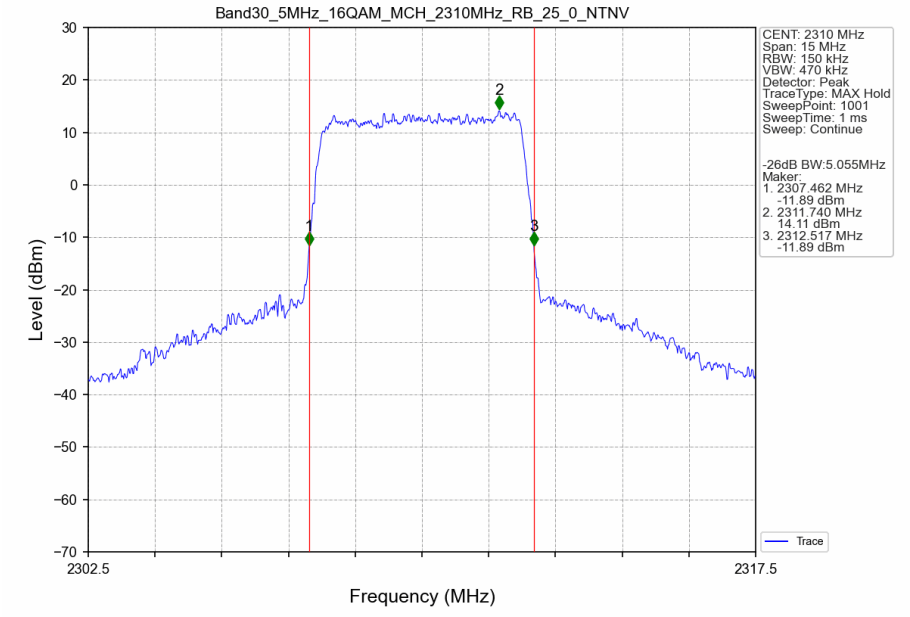


Band30_10MHz_16QAM_MCH_2310MHz_RB_50_0_NTNV

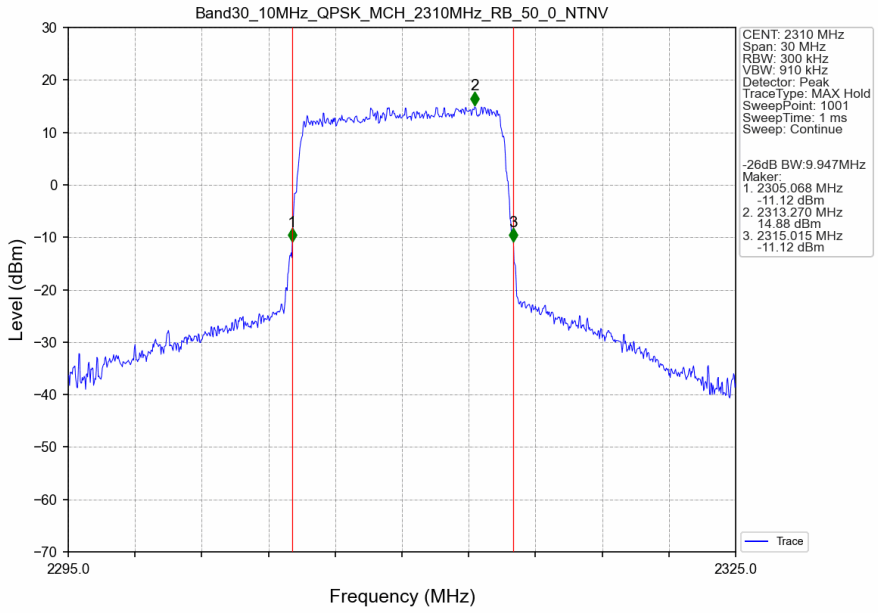


1.2.2 Band30_XDB

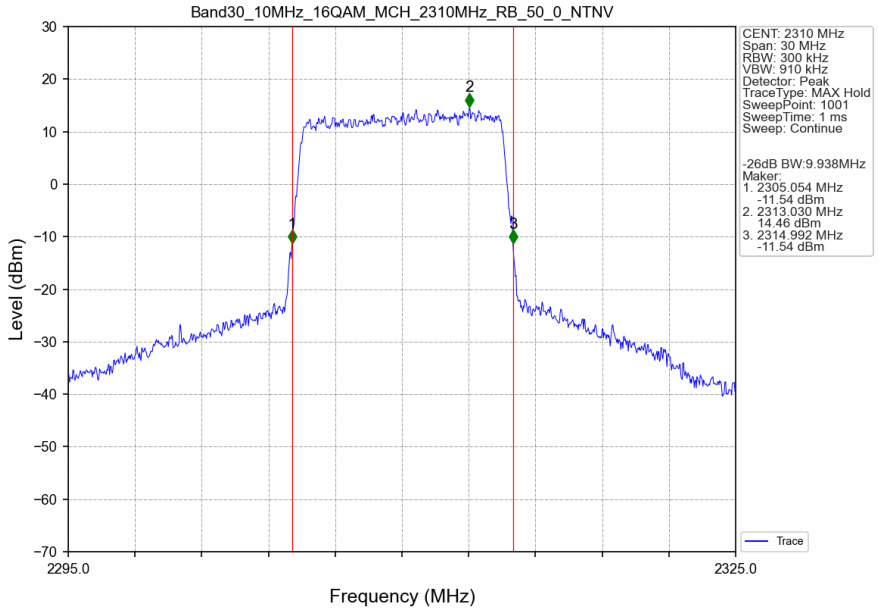
Band30_5MHz_QPSK_MCH_2310MHz_RB_25_0_NTNV


Band30_5MHz_16QAM_MCH_2310MHz_RB_25_0_NTNV


Band30_10MHz_QPSK_MCH_2310MHz_RB_50_0_NTNV



Band30_10MHz_16QAM_MCH_2310MHz_RB_50_0_NTNV



4. Peak-Average Ratio

4.1 Test Result

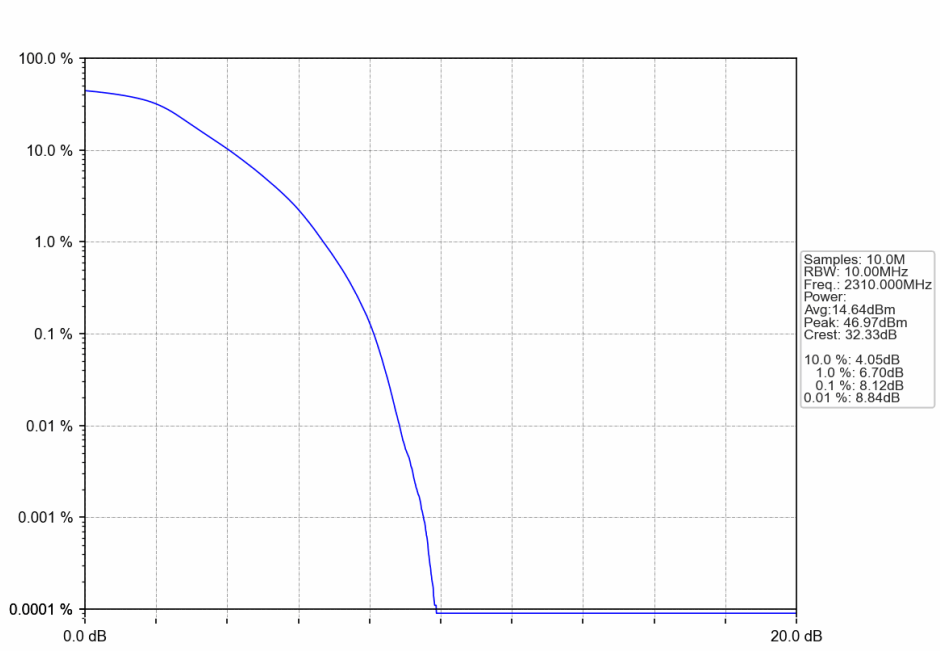
4.1.1 B30_10MHz

Band: 30 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2310	50	0	8.12	<=13	Pass
16QAM	2310	50	0	6.67	<=13	Pass

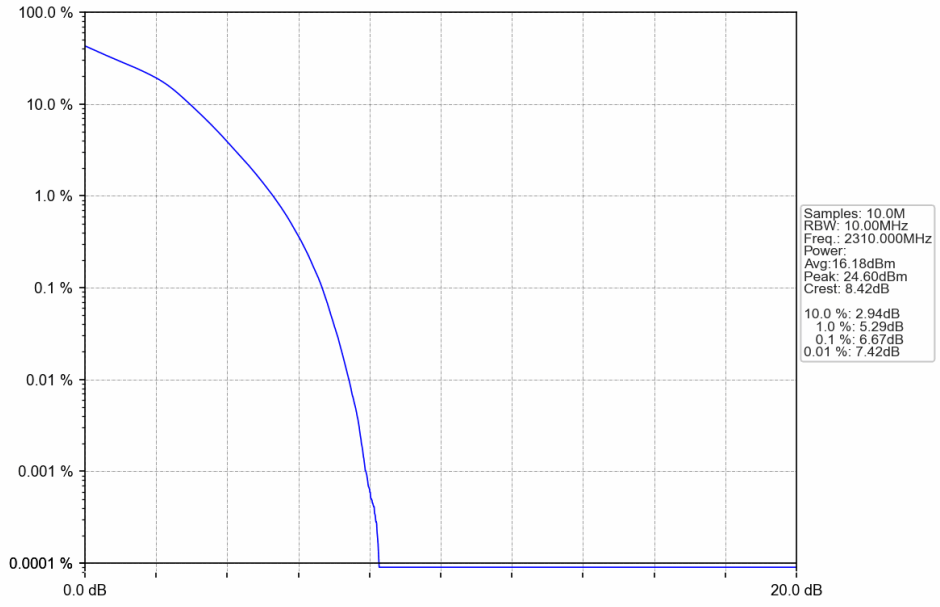
4.2 Test Graph

4.2.1 B30_10MHz

Band30_10MHz_QPSK_MCH_2310MHz_RB_50_0_NTNV



Band30_10MHz_16QAM_MCH_2310MHz_RB_50_0_NTNV



5. Spurious Emission

5.1 Test Result

5.1.1 B30_5MHz

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

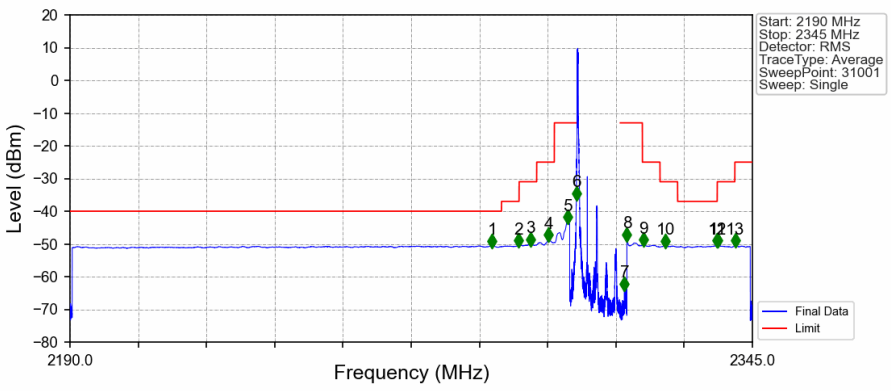
5.1.2 B30_10MHz

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
		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

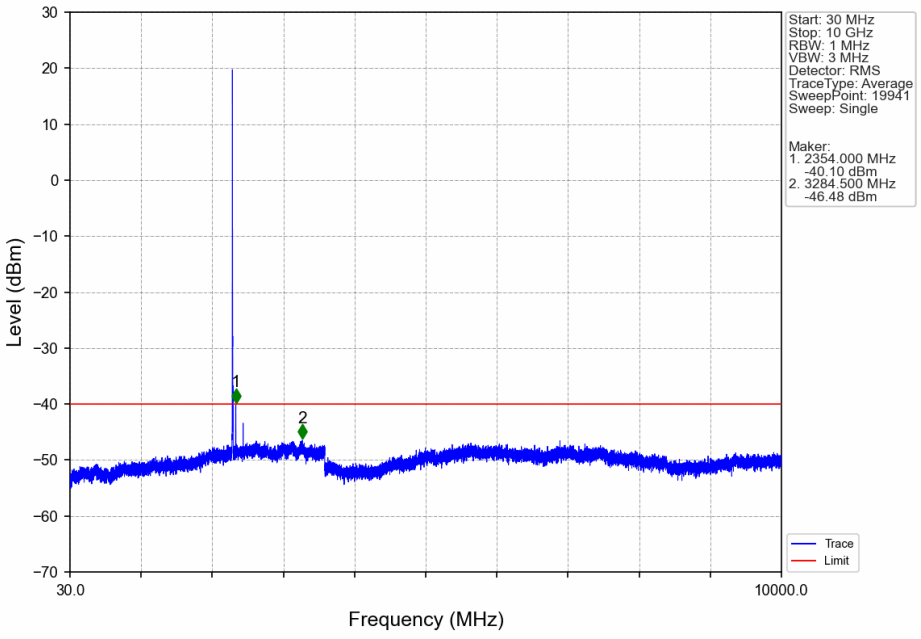
5.2.1 B30_5MHz

Band30_5MHz_QPSK_LCH_2307.5MHz_RB_1_0_NTNV

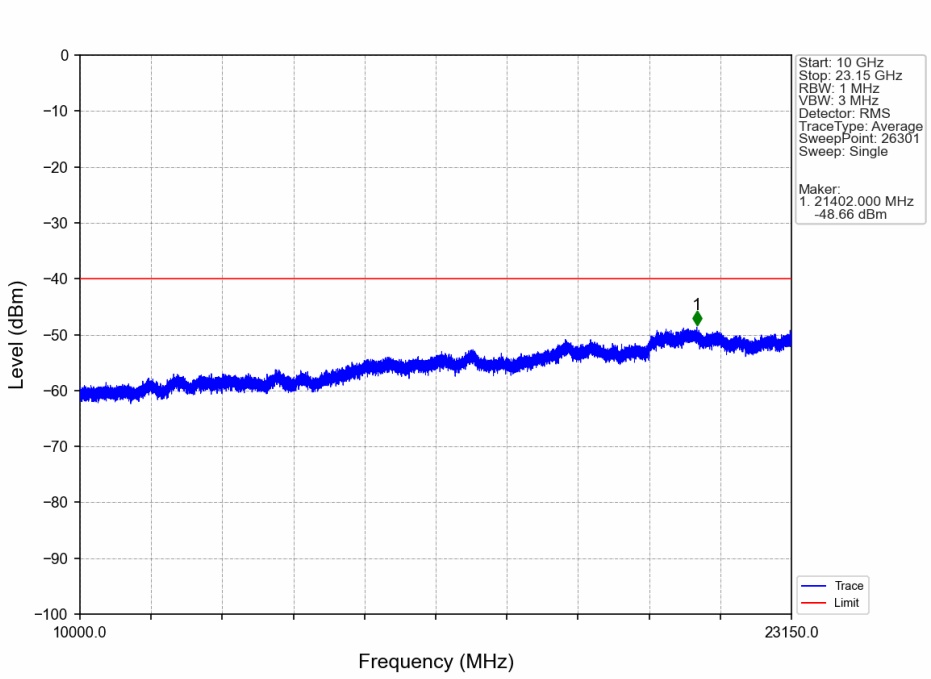


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	CHP	1	2285.875	-50.61	-40	Pass
2288	2292	1	CHP	2	2291.955	-50.58	-37	Pass
2292	2296	1	CHP	3	2294.670	-50.14	-31	Pass
2296	2300	1	CHP	4	2298.715	-48.81	-25	Pass
2300	2304	1	CHP	5	2303.020	-43.41	-13	Pass
2304	2305	0.01	/	6	2304.995	-36.07	-13	Pass
2305	2315	0.01	/	/	/	/	/	/
2315	2316	0.01	/	7	2315.930	-63.77	-13	Pass
2316	2320	1	CHP	8	2316.500	-48.66	-13	Pass
2320	2324	1	CHP	9	2320.235	-50.30	-25	Pass
2324	2328	1	CHP	10	2325.220	-50.62	-31	Pass
2328	2337	1	CHP	11	2336.975	-50.56	-37	Pass
2337	2341	1	CHP	12	2337.080	-50.55	-31	Pass
2341	2345	1	CHP	13	2341.070	-50.58	-25	Pass

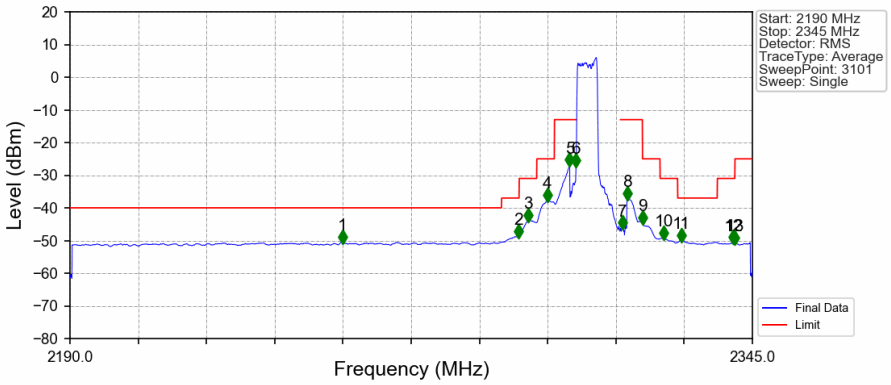
Band30_5MHz_QPSK_LCH_2307.5MHz_RB_1_0_NTNV



Band30_5MHz_QPSK_LCH_2307.5MHz_RB_1_0_NTNV

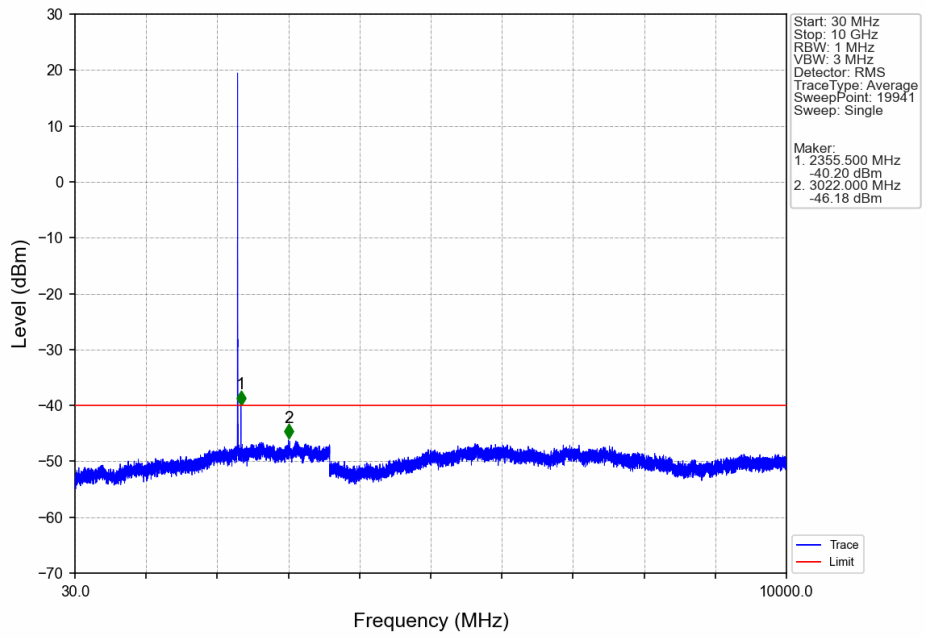


Band30_5MHz_QPSK_LCH_2307.5MHz_RB_25_0_NTNV

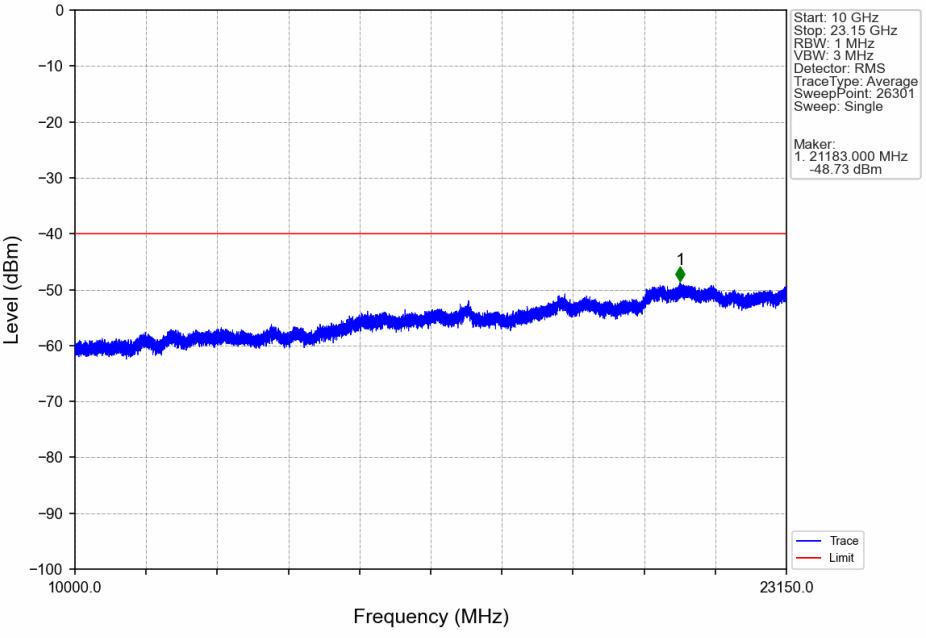


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	CHP	1	2251.850	-50.43	-40	Pass
2288	2292	1	CHP	2	2291.900	-48.75	-37	Pass
2292	2296	1	CHP	3	2294.150	-43.75	-31	Pass
2296	2300	1	CHP	4	2298.400	-37.68	-25	Pass
2300	2304	1	CHP	5	2303.500	-26.83	-13	Pass
2304	2305	0.15	CHP	6	2304.950	-26.96	-13	Pass
2305	2315	0.15	CHP	/	/	/	/	/
2315	2316	0.15	CHP	7	2315.550	-46.14	-13	Pass
2316	2320	1	CHP	8	2316.650	-37.04	-13	Pass
2320	2324	1	CHP	9	2320.050	-44.59	-25	Pass
2324	2328	1	CHP	10	2324.850	-49.22	-31	Pass
2328	2337	1	CHP	11	2328.800	-49.96	-37	Pass
2337	2341	1	CHP	12	2340.650	-50.58	-31	Pass
2341	2345	1	CHP	13	2341.050	-50.68	-25	Pass

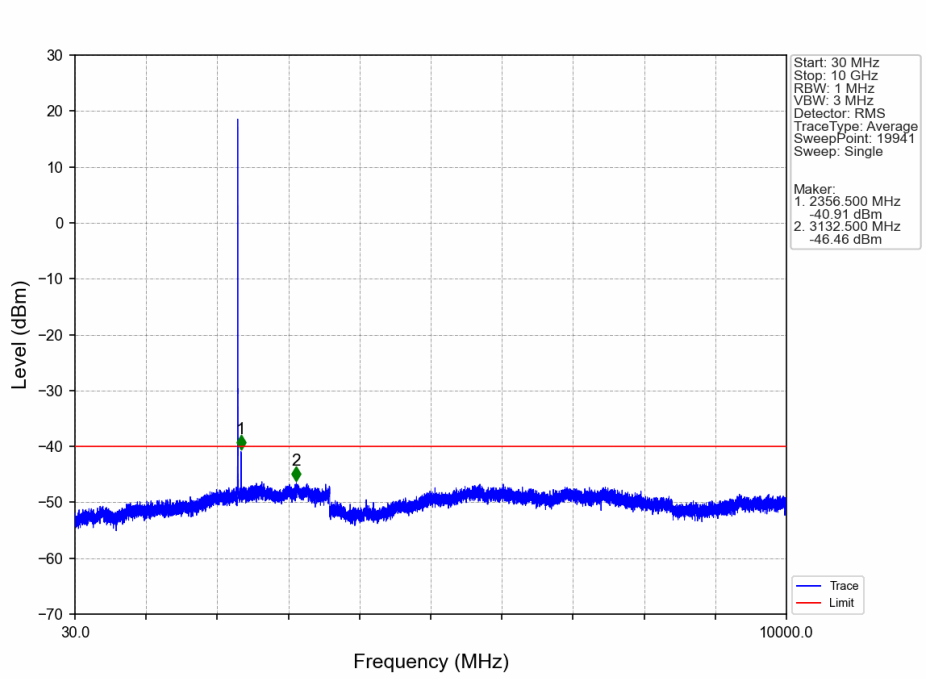
Band30_5MHz_QPSK_MCH_2310MHz_RB_1_0_NTNV



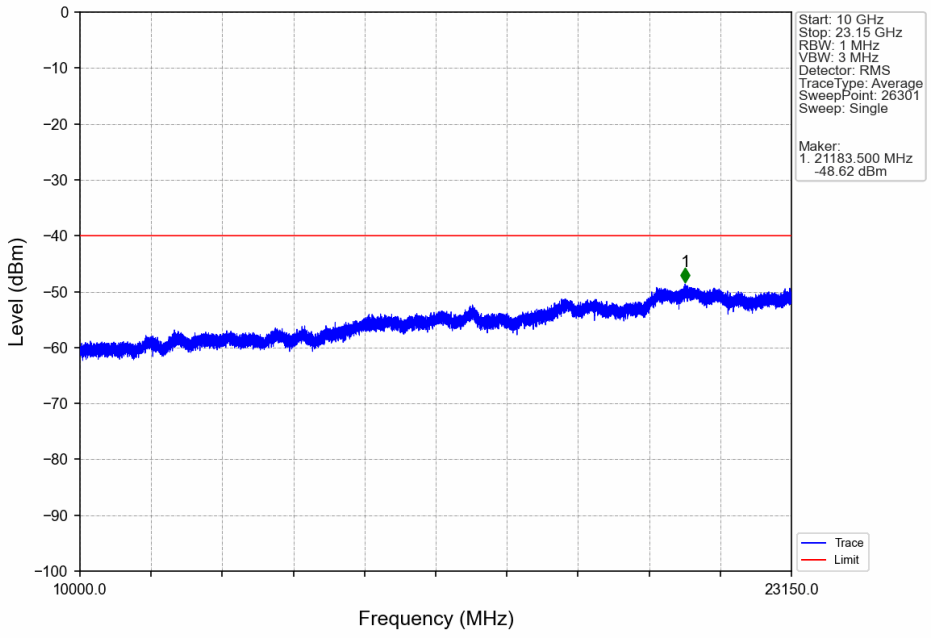
Band30_5MHz_QPSK_MCH_2310MHz_RB_1_0_NTNV



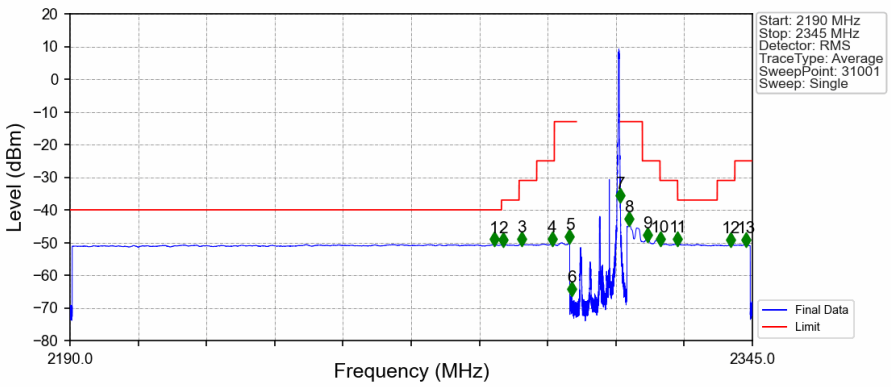
Band30_5MHz_QPSK_HCH_2312.5MHz_RB_1_0_NTNV



Band30_5MHz_QPSK_HCH_2312.5MHz_RB_1_0_NTNV

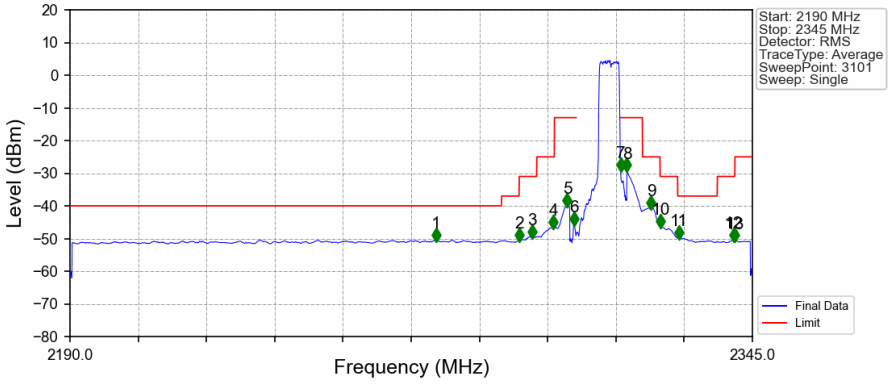


Band30_5MHz_QPSK_HCH_2312.5MHz_RB_1_24_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	CHP	1	2286.315	-50.56	-40	Pass
2288	2292	1	CHP	2	2288.340	-50.71	-37	Pass
2292	2296	1	CHP	3	2292.590	-50.49	-31	Pass
2296	2300	1	CHP	4	2299.560	-50.37	-25	Pass
2300	2304	1	CHP	5	2303.500	-49.68	-13	Pass
2304	2305	0.01	/	6	2304.005	-65.69	-13	Pass
2305	2315	0.01	/	/	/	/	/	/
2315	2316	0.01	/	7	2315.025	-37.08	-13	Pass
2316	2320	1	CHP	8	2316.975	-44.25	-13	Pass
2320	2324	1	CHP	9	2321.205	-49.13	-25	Pass
2324	2328	1	CHP	10	2324.045	-50.39	-31	Pass
2328	2337	1	CHP	11	2328.035	-50.52	-37	Pass
2337	2341	1	CHP	12	2340.100	-50.73	-31	Pass
2341	2345	1	CHP	13	2343.525	-50.60	-25	Pass

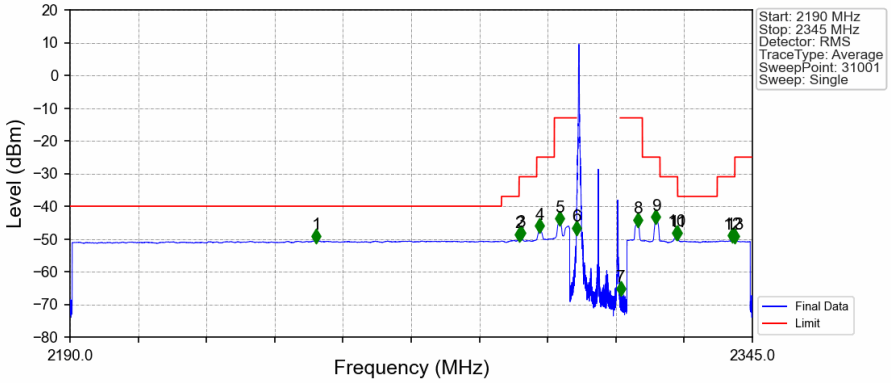
Band30_5MHz_QPSK_HCH_2312.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	CHP	1	2273.150	-50.50	-40	Pass
2288	2292	1	CHP	2	2292.000	-50.50	-37	Pass
2292	2296	1	CHP	3	2294.900	-49.46	-31	Pass
2296	2300	1	CHP	4	2299.800	-46.49	-25	Pass
2300	2304	1	CHP	5	2302.950	-39.90	-13	Pass
2304	2305	0.15	CHP	6	2304.450	-45.42	-13	Pass
2305	2315	0.15	CHP	/	/	/	/	/
2315	2316	0.15	CHP	7	2315.050	-29.04	-13	Pass
2316	2320	1	CHP	8	2316.500	-29.10	-13	Pass
2320	2324	1	CHP	9	2322.000	-40.48	-25	Pass
2324	2328	1	CHP	10	2324.150	-46.17	-31	Pass
2328	2337	1	CHP	11	2328.300	-49.70	-37	Pass
2337	2341	1	CHP	12	2340.700	-50.43	-31	Pass
2341	2345	1	CHP	13	2341.050	-50.53	-25	Pass

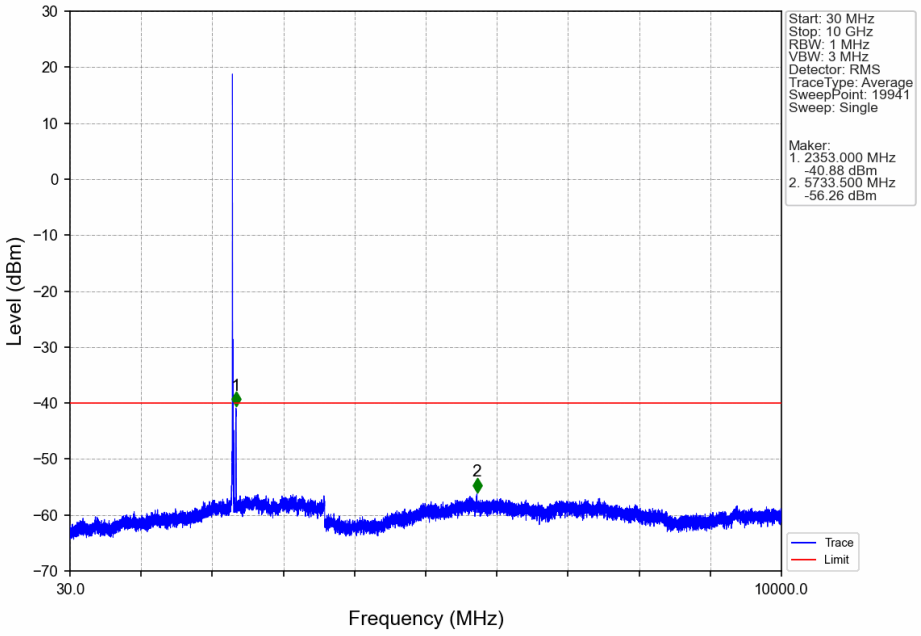
5.2.2 B30_10MHz

Band30_10MHz_QPSK_LCH_2310MHz_RB_1_0_NTNV

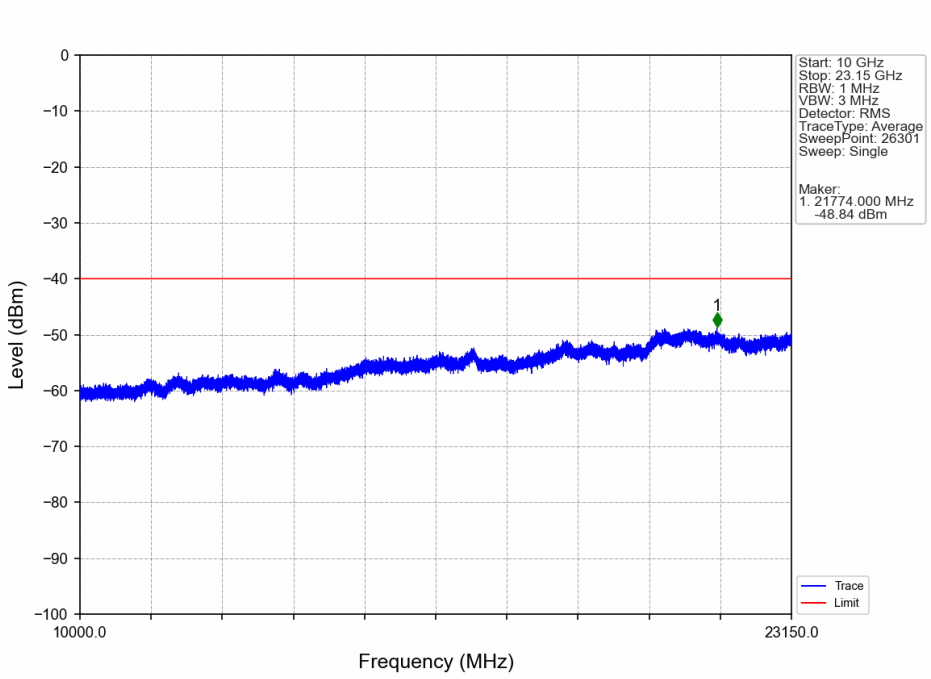


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	CHP	1	2245.930	-50.64	-40	Pass
2288	2292	1	CHP	2	2292.000	-50.10	-37	Pass
2292	2296	1	CHP	3	2292.345	-49.84	-31	Pass
2296	2300	1	CHP	4	2296.645	-47.62	-25	Pass
2300	2304	1	CHP	5	2301.140	-45.38	-13	Pass
2304	2305	0.01	/	6	2304.995	-48.24	-13	Pass
2305	2315	0.01	/	/	/	/	/	/
2315	2316	0.01	/	7	2315.045	-66.76	-13	Pass
2316	2320	1	CHP	8	2318.915	-45.67	-13	Pass
2320	2324	1	CHP	9	2323.095	-44.86	-25	Pass
2324	2328	1	CHP	10	2327.760	-49.69	-31	Pass
2328	2337	1	CHP	11	2328.005	-49.83	-37	Pass
2337	2341	1	CHP	12	2340.415	-50.57	-31	Pass
2341	2345	1	CHP	13	2341.015	-50.64	-25	Pass

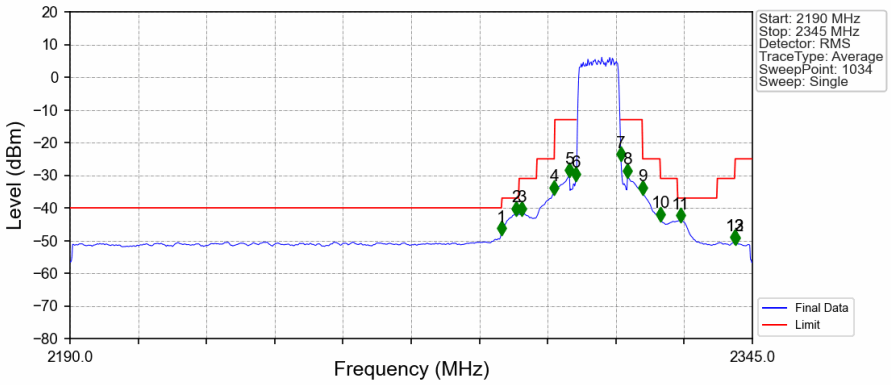
Band30_10MHz_QPSK_LCH_2310MHz_RB_1_0_NTNV



Band30_10MHz_QPSK_LCH_2310MHz_RB_1_0_NTNV

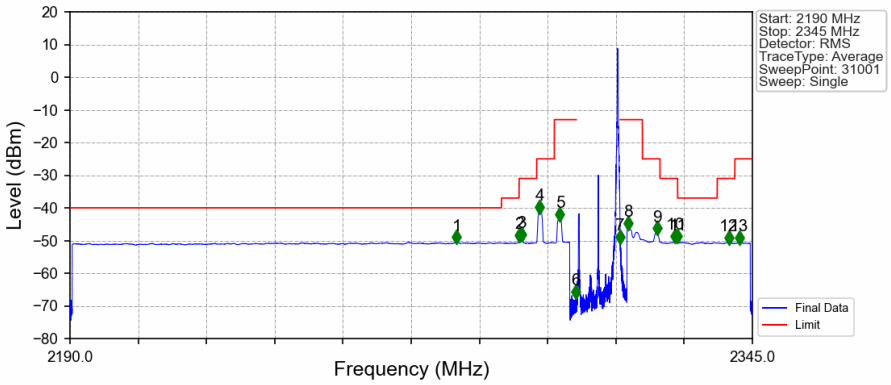


Band30_10MHz_QPSK_LCH_2310MHz_RB_50_0_NTNV



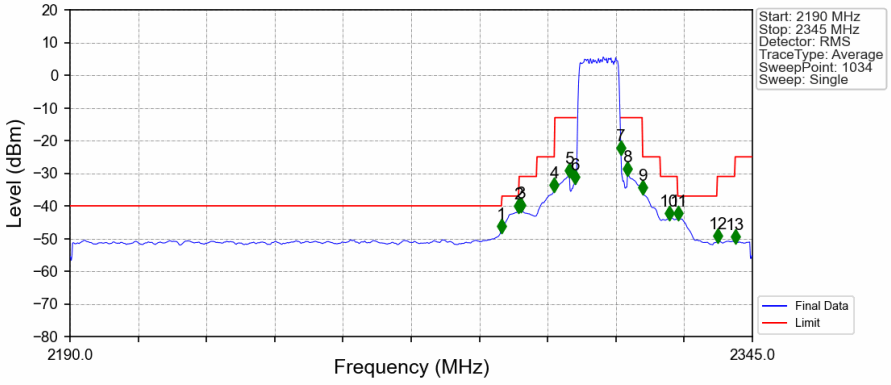
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	CHP	1	2287.982	-47.87	-40	Pass
2288	2292	1	CHP	2	2291.283	-41.78	-37	Pass
2292	2296	1	CHP	3	2292.633	-41.74	-31	Pass
2296	2300	1	CHP	4	2299.985	-35.37	-25	Pass
2300	2304	1	CHP	5	2303.437	-30.08	-13	Pass
2304	2305	0.3	/	6	2304.937	-31.24	-13	Pass
2305	2315	0.3	/	/	/	/	/	/
2315	2316	0.3	/	7	2315.140	-25.15	-13	Pass
2316	2320	1	CHP	8	2316.641	-30.25	-13	Pass
2320	2324	1	CHP	9	2320.092	-35.44	-25	Pass
2324	2328	1	CHP	10	2324.143	-43.53	-31	Pass
2328	2337	1	CHP	11	2328.645	-43.87	-37	Pass
2337	2341	1	CHP	12	2340.949	-50.59	-31	Pass
2341	2345	1	CHP	13	2341.099	-50.64	-25	Pass

Band30_10MHz_QPSK_HCH_2310MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	CHP	1	2277.850	-50.56	-40	Pass
2288	2292	1	CHP	2	2292.000	-49.95	-37	Pass
2292	2296	1	CHP	3	2292.595	-49.65	-31	Pass
2296	2300	1	CHP	4	2296.705	-41.33	-25	Pass
2300	2304	1	CHP	5	2301.295	-43.60	-13	Pass
2304	2305	0.01	/	6	2304.845	-67.28	-13	Pass
2305	2315	0.01	/	/	/	/	/	/
2315	2316	0.01	/	7	2315.005	-50.39	-13	Pass
2316	2320	1	CHP	8	2316.730	-46.15	-13	Pass
2320	2324	1	CHP	9	2323.395	-47.84	-25	Pass
2324	2328	1	CHP	10	2327.440	-50.16	-31	Pass
2328	2337	1	CHP	11	2328.020	-50.33	-37	Pass
2337	2341	1	CHP	12	2339.640	-50.67	-31	Pass
2341	2345	1	CHP	13	2342.035	-50.63	-25	Pass

Band30_10MHz_QPSK_HCH_2310MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	CHP	1	2287.982	-47.67	-40	Pass
2288	2292	1	CHP	2	2291.883	-41.47	-37	Pass
2292	2296	1	CHP	3	2292.483	-41.32	-31	Pass
2296	2300	1	CHP	4	2299.985	-35.10	-25	Pass
2300	2304	1	CHP	5	2303.437	-30.77	-13	Pass
2304	2305	0.3	/	6	2304.637	-32.66	-13	Pass
2305	2315	0.3	/	/	/	/	/	/
2315	2316	0.3	/	7	2315.140	-23.75	-13	Pass
2316	2320	1	CHP	8	2316.641	-30.23	-13	Pass
2320	2324	1	CHP	9	2320.092	-35.87	-25	Pass
2324	2328	1	CHP	10	2326.094	-43.71	-31	Pass
2328	2337	1	CHP	11	2328.195	-43.78	-37	Pass
2337	2341	1	CHP	12	2337.197	-50.75	-31	Pass
2341	2345	1	CHP	13	2341.099	-50.91	-25	Pass

6. Field Strength of Spurious Radiation

LTE Band 30-Middle channel, Modulation: QPSK, Bandwidth:10MHz, 1RB#0								
Frequency (MHz)	**EIRP (dBm)**	**Limit (dBm)**	**Over Limit (dB)**	**S.G. Power (dBm)**	**Cable Loss (dB)**	**Antenna Gain (dBi)**	**Polarization (H/V)**	**Result**
4611.0	-64.84	-40	-24.84	-70.0	4.4	9.56	Horizontal	Pass
6916.5	-61.05	-40	-21.05	-67.16	4.91	11.02	Horizontal	Pass
9222.0	-53.89	-40	-13.89	-61.87	5.24	13.22	Horizontal	Pass
4611.0	-64.58	-40	-24.58	-69.74	4.4	9.56	Vertical	Pass
6916.5	-60.96	-40	-20.96	-67.07	4.91	11.02	Vertical	Pass
9222.0	-51.86	-40	-11.86	-59.84	5.24	13.22	Vertical	Pass

LTE Band 30-Low channel, Modulation: QPSK, Bandwidth:5MHz, 1RB#0								
Frequency (MHz)	**EIRP (dBm)**	**Limit (dBm)**	**Over Limit (dB)**	**S.G. Power (dBm)**	**Cable Loss (dB)**	**Antenna Gain (dBi)**	**Polarization (H/V)**	**Result**
4610.5	-64.5	-40	-24.5	-69.66	4.4	9.56	Horizontal	Pass
6915.75	-60.09	-40	-20.09	-66.2	4.91	11.02	Horizontal	Pass
9221.0	-54.78	-40	-14.78	-62.76	5.24	13.22	Horizontal	Pass
4610.5	-64.79	-40	-24.79	-69.95	4.4	9.56	Vertical	Pass
6915.75	-58.07	-40	-18.07	-64.18	4.91	11.02	Vertical	Pass
9221.0	-52.07	-40	-12.07	-60.05	5.24	13.22	Vertical	Pass

LTE Band 30-Middle channel, Modulation: QPSK, Bandwidth:5MHz, 1RB#0								
Frequency (MHz)	**EIRP (dBm)**	**Limit (dBm)**	**Over Limit (dB)**	**S.G. Power (dBm)**	**Cable Loss (dB)**	**Antenna Gain (dBi)**	**Polarization (H/V)**	**Result**
4615.5	-64.78	-40	-24.78	-69.95	4.4	9.57	Horizontal	Pass
6923.25	-60.85	-40	-20.85	-66.97	4.91	11.03	Horizontal	Pass
9231.0	-53.99	-40	-13.99	-61.97	5.24	13.22	Horizontal	Pass
4615.5	-64.67	-40	-24.67	-69.84	4.4	9.57	Vertical	Pass
6923.25	-60.85	-40	-20.85	-66.97	4.91	11.03	Vertical	Pass
9231.0	-53.74	-40	-13.74	-61.72	5.24	13.22	Vertical	Pass

LTE Band 30-High channel, Modulation: QPSK, Bandwidth:5MHz, 1RB#0								
Frequency (MHz)	**EIRP (dBm)**	**Limit (dBm)**	**Over Limit (dB)**	**S.G. Power (dBm)**	**Cable Loss (dB)**	**Antenna Gain (dBi)**	**Polarization (H/V)**	**Result**
4620.5	-65.09	-40	-25.09	-70.27	4.4	9.58	Horizontal	Pass
6930.75	-61.06	-40	-21.06	-67.19	4.91	11.04	Horizontal	Pass
9241.0	-53.41	-40	-13.41	-61.38	5.25	13.22	Horizontal	Pass
4620.5	-64.91	-40	-24.91	-70.09	4.4	9.58	Vertical	Pass
6930.75	-60.5	-40	-20.5	-66.63	4.91	11.04	Vertical	Pass
9241.0	-51.43	-40	-11.43	-59.4	5.25	13.22	Vertical	Pass