

Appendix A.15

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B30_5MHz_EIRP

Band: 30 / Bandwidth: 5MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2307.5	1	0	22.78	-1.82	20.96	/	Pass
			13	22.94	-1.82	21.12	/	Pass
			24	22.98	-1.82	21.16	/	Pass
		12	0	21.80	-1.82	19.98	/	Pass
			6	21.93	-1.82	20.11	/	Pass
			13	21.91	-1.82	20.09	/	Pass
		25	0	21.93	-1.82	20.11	/	Pass
			0	22.81	-1.82	20.99	/	Pass
			13	22.99	-1.82	21.17	/	Pass
	2310	1	24	22.96	-1.82	21.14	/	Pass
			0	21.88	-1.82	20.06	/	Pass
			6	21.96	-1.82	20.14	/	Pass
		12	13	21.93	-1.82	20.11	/	Pass
			0	21.92	-1.82	20.10	/	Pass
			0	22.99	-1.82	21.17	/	Pass
		25	13	23.05	-1.82	21.23	/	Pass
			24	22.96	-1.82	21.14	/	Pass
			0	22.98	-1.82	20.16	/	Pass
16QAM	2307.5	1	6	22.06	-1.82	20.24	/	Pass
			0	20.75	-1.82	18.93	/	Pass
			6	21.00	-1.82	19.18	/	Pass
		12	13	20.98	-1.82	19.16	/	Pass
			0	20.93	-1.82	19.11	/	Pass
		25	0	22.03	-1.82	20.21	/	Pass
			13	22.21	-1.82	20.39	/	Pass
			24	22.13	-1.82	20.31	/	Pass
	2310	1	0	21.02	-1.82	19.20	/	Pass
			6	20.93	-1.82	19.11	/	Pass
			13	21.02	-1.82	19.20	/	Pass
		12	0	20.96	-1.82	19.14	/	Pass
			0	22.07	-1.82	20.25	/	Pass
			13	22.11	-1.82	20.29	/	Pass
		25	24	22.07	-1.82	20.25	/	Pass
			0	21.03	-1.82	19.21	/	Pass
			6	21.05	-1.82	19.23	/	Pass

64QAM	2307.5	25	13	21.00	-1.82	19.18	/	Pass
			0	21.05	-1.82	19.23	/	Pass
	2307.5	1	0	20.95	-1.82	19.13	/	Pass
			13	21.12	-1.82	19.30	/	Pass
			24	21.11	-1.82	19.29	/	Pass
		12	0	19.92	-1.82	18.10	/	Pass
			6	20.06	-1.82	18.24	/	Pass
			13	20.05	-1.82	18.23	/	Pass
		25	0	19.98	-1.82	18.16	/	Pass
	2310	1	0	21.05	-1.82	19.23	/	Pass
			13	21.14	-1.82	19.32	/	Pass
			24	21.06	-1.82	19.24	/	Pass
		12	0	19.97	-1.82	18.15	/	Pass
			6	20.05	-1.82	18.23	/	Pass
			13	19.97	-1.82	18.15	/	Pass
		25	0	20.01	-1.82	18.19	/	Pass
	2312.5	1	0	21.14	-1.82	19.32	/	Pass
			13	21.23	-1.82	19.41	/	Pass
			24	21.16	-1.82	19.34	/	Pass
		12	0	20.05	-1.82	18.23	/	Pass
			6	20.11	-1.82	18.29	/	Pass
			13	20.04	-1.82	18.22	/	Pass
		25	0	20.09	-1.82	18.27	/	Pass
256QAM	2307.5	1	0	18.03	-1.82	16.21	/	Pass
			13	18.28	-1.82	16.46	/	Pass
			24	18.23	-1.82	16.41	/	Pass
		12	0	17.94	-1.82	16.12	/	Pass
			6	18.02	-1.82	16.20	/	Pass
			13	18.08	-1.82	16.26	/	Pass
		25	0	18.06	-1.82	16.24	/	Pass
	2310	1	0	17.89	-1.82	16.07	/	Pass
			13	18.26	-1.82	16.44	/	Pass
			24	18.11	-1.82	16.29	/	Pass
		12	0	18.07	-1.82	16.25	/	Pass
			6	18.05	-1.82	16.23	/	Pass
			13	18.03	-1.82	16.21	/	Pass
		25	0	18.01	-1.82	16.19	/	Pass
	2312.5	1	0	18.06	-1.82	16.24	/	Pass
			13	18.11	-1.82	16.29	/	Pass
			24	18.06	-1.82	16.24	/	Pass
		12	0	18.07	-1.82	16.25	/	Pass
			6	18.10	-1.82	16.28	/	Pass
			13	18.06	-1.82	16.24	/	Pass
		25	0	18.12	-1.82	16.30	/	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.2 B30_5MHz_EIRP/5MHz

Band: 30 / Bandwidth: 5MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm/5MHz)	Gain (dBi)	EIRP/5MHz (dBm/5MHz)		Verdict
		Size	Offset			Result	Limit	

QPSK	2307.5	1	0	22.30	-1.82	20.48	<=23.98	Pass
			13	22.40	-1.82	20.58	<=23.98	Pass
			24	22.67	-1.82	20.85	<=23.98	Pass
		12	0	21.17	-1.82	19.35	<=23.98	Pass
			6	21.43	-1.82	19.61	<=23.98	Pass
			13	21.58	-1.82	19.76	<=23.98	Pass
		25	0	21.42	-1.82	19.60	<=23.98	Pass
	2310	1	0	22.50	-1.82	20.68	<=23.98	Pass
			13	22.62	-1.82	20.80	<=23.98	Pass
			24	22.45	-1.82	20.63	<=23.98	Pass
		12	0	21.48	-1.82	19.66	<=23.98	Pass
			6	21.47	-1.82	19.65	<=23.98	Pass
			13	21.42	-1.82	19.60	<=23.98	Pass
		25	0	21.50	-1.82	19.68	<=23.98	Pass
	2312.5	1	0	22.54	-1.82	20.72	<=23.98	Pass
			13	22.53	-1.82	20.71	<=23.98	Pass
			24	22.40	-1.82	20.58	<=23.98	Pass
		12	0	21.53	-1.82	19.71	<=23.98	Pass
			6	21.68	-1.82	19.86	<=23.98	Pass
			13	21.52	-1.82	19.70	<=23.98	Pass
		25	0	21.58	-1.82	19.76	<=23.98	Pass
16QAM	2307.5	1	0	21.47	-1.82	19.65	<=23.98	Pass
			13	21.60	-1.82	19.78	<=23.98	Pass
			24	21.73	-1.82	19.91	<=23.98	Pass
		12	0	20.48	-1.82	18.66	<=23.98	Pass
			6	20.64	-1.82	18.82	<=23.98	Pass
			13	20.46	-1.82	18.64	<=23.98	Pass
		25	0	20.48	-1.82	18.66	<=23.98	Pass
	2310	1	0	21.75	-1.82	19.93	<=23.98	Pass
			13	21.79	-1.82	19.97	<=23.98	Pass
			24	21.90	-1.82	20.08	<=23.98	Pass
		12	0	20.61	-1.82	18.79	<=23.98	Pass
			6	20.70	-1.82	18.88	<=23.98	Pass
			13	20.55	-1.82	18.73	<=23.98	Pass
		25	0	20.56	-1.82	18.74	<=23.98	Pass
	2312.5	1	0	21.64	-1.82	19.82	<=23.98	Pass
			13	21.65	-1.82	19.83	<=23.98	Pass
			24	21.55	-1.82	19.73	<=23.98	Pass
		12	0	20.48	-1.82	18.66	<=23.98	Pass
			6	20.52	-1.82	18.70	<=23.98	Pass
			13	20.60	-1.82	18.78	<=23.98	Pass
		25	0	20.59	-1.82	18.77	<=23.98	Pass
64QAM	2307.5	1	0	20.34	-1.82	18.52	<=23.98	Pass
			13	20.68	-1.82	18.86	<=23.98	Pass
			24	20.57	-1.82	18.75	<=23.98	Pass
		12	0	17.61	-1.82	15.79	<=23.98	Pass
			6	19.65	-1.82	17.83	<=23.98	Pass
			13	19.17	-1.82	17.35	<=23.98	Pass
		25	0	19.55	-1.82	17.73	<=23.98	Pass
	2310	1	0	20.59	-1.82	18.77	<=23.98	Pass
			13	20.77	-1.82	18.95	<=23.98	Pass
			24	20.68	-1.82	18.86	<=23.98	Pass
		12	0	19.59	-1.82	17.77	<=23.98	Pass

		25	6	19.57	-1.82	17.75	<=23.98	Pass		
			13	19.42	-1.82	17.60	<=23.98	Pass		
			0	18.56	-1.82	16.74	<=23.98	Pass		
	2312.5	1	0	20.70	-1.82	18.88	<=23.98	Pass		
			13	20.84	-1.82	19.02	<=23.98	Pass		
			24	18.99	-1.82	17.17	<=23.98	Pass		
		12	0	19.75	-1.82	17.93	<=23.98	Pass		
			6	19.46	-1.82	17.64	<=23.98	Pass		
			13	19.69	-1.82	17.87	<=23.98	Pass		
		25	0	19.49	-1.82	17.67	<=23.98	Pass		
		256QAM	2307.5	1	0	17.33	-1.82	15.51	<=23.98	Pass
					13	17.53	-1.82	15.71	<=23.98	Pass
24	17.82				-1.82	16.00	<=23.98	Pass		
12	0			17.51	-1.82	15.69	<=23.98	Pass		
	6			17.57	-1.82	15.75	<=23.98	Pass		
	13			17.72	-1.82	15.90	<=23.98	Pass		
25	0			17.70	-1.82	15.88	<=23.98	Pass		
2310	1		0	17.82	-1.82	16.00	<=23.98	Pass		
			13	17.68	-1.82	15.86	<=23.98	Pass		
			24	17.52	-1.82	15.70	<=23.98	Pass		
	12		0	17.60	-1.82	15.78	<=23.98	Pass		
			6	17.66	-1.82	15.84	<=23.98	Pass		
			13	17.49	-1.82	15.67	<=23.98	Pass		
	25		0	17.56	-1.82	15.74	<=23.98	Pass		
2312.5	1		0	17.71	-1.82	15.89	<=23.98	Pass		
			13	17.55	-1.82	15.73	<=23.98	Pass		
			24	17.65	-1.82	15.83	<=23.98	Pass		
	12		0	17.64	-1.82	15.82	<=23.98	Pass		
		6	17.73	-1.82	15.91	<=23.98	Pass			
		13	17.46	-1.82	15.64	<=23.98	Pass			
	25	0	17.67	-1.82	15.85	<=23.98	Pass			
Note1: EIRP/5MHz=Conducted Power+Antenna Gain										

Note1: EIRP/5MHz=Conducted Power+Antenna Gain

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	22.73	-1.82	20.91	/	Pass
			25	22.97	-1.82	21.15	/	Pass
			49	22.92	-1.82	21.10	/	Pass
		25	0	21.84	-1.82	20.02	/	Pass
			13	21.91	-1.82	20.09	/	Pass
			25	21.91	-1.82	20.09	/	Pass
		50	0	21.86	-1.82	20.04	/	Pass
16QAM	2310	1	0	21.87	-1.82	20.05	/	Pass
			25	22.05	-1.82	20.23	/	Pass
			49	21.96	-1.82	20.14	/	Pass
		25	0	20.90	-1.82	19.08	/	Pass
			13	20.98	-1.82	19.16	/	Pass
			25	20.96	-1.82	19.14	/	Pass



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		50	0	20.91	-1.82	19.09	/	Pass
64QAM	2310	1	0	20.80	-1.82	18.98	/	Pass
			25	21.27	-1.82	19.45	/	Pass
			49	21.19	-1.82	19.37	/	Pass
		25	0	19.93	-1.82	18.11	/	Pass
			13	19.98	-1.82	18.16	/	Pass
			25	20.01	-1.82	18.19	/	Pass
		50	0	19.99	-1.82	18.17	/	Pass
256QAM	2310	1	0	17.67	-1.82	15.85	/	Pass
			25	18.09	-1.82	16.27	/	Pass
			49	17.97	-1.82	16.15	/	Pass
		25	0	17.98	-1.82	16.16	/	Pass
			13	18.05	-1.82	16.23	/	Pass
			25	18.03	-1.82	16.21	/	Pass
		50	0	18.00	-1.82	16.18	/	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.4 B30_10MHz_EIRP/5MHz

Band: 30 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm/5MHz)	Gain (dBi)	EIRP/5MHz (dBm/5MHz)		Verdict
		Size	Offset			Result	Limit	
QPSK	2310	1	0	22.22	-1.82	20.40	<=23.98	Pass
			25	22.42	-1.82	20.60	<=23.98	Pass
			49	22.30	-1.82	20.48	<=23.98	Pass
		25	0	21.35	-1.82	19.53	<=23.98	Pass
			13	21.35	-1.82	19.53	<=23.98	Pass
			25	21.39	-1.82	19.57	<=23.98	Pass
		50	0	18.61	-1.82	16.79	<=23.98	Pass
16QAM	2310	1	0	27.05	-1.82	25.23	<=23.98	Pass
			25	21.45	-1.82	19.63	<=23.98	Pass
			49	21.41	-1.82	19.59	<=23.98	Pass
		25	0	20.35	-1.82	18.53	<=23.98	Pass
			13	20.44	-1.82	18.62	<=23.98	Pass
			25	20.34	-1.82	18.52	<=23.98	Pass
		50	0	17.63	-1.82	15.81	<=23.98	Pass
64QAM	2310	1	0	20.17	-1.82	18.35	<=23.98	Pass
			25	20.70	-1.82	18.88	<=23.98	Pass
			49	20.33	-1.82	18.51	<=23.98	Pass
		25	0	19.34	-1.82	17.52	<=23.98	Pass
			13	19.50	-1.82	17.68	<=23.98	Pass
			25	19.43	-1.82	17.61	<=23.98	Pass
		50	0	16.74	-1.82	14.92	<=23.98	Pass
256QAM	2310	1	0	17.25	-1.82	15.43	<=23.98	Pass
			25	17.67	-1.82	15.85	<=23.98	Pass
			49	17.30	-1.82	15.48	<=23.98	Pass
		25	0	17.45	-1.82	15.63	<=23.98	Pass
			13	17.50	-1.82	15.68	<=23.98	Pass
			25	17.52	-1.82	15.70	<=23.98	Pass
		50	0	14.75	-1.82	12.93	<=23.98	Pass

Note1: EIRP/5MHz=Conducted Power+Antenna Gain



2. Frequency Stability

2.1 Test Result

2.1.1 B30_10MHz

Band: 30 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2310	50	0	20	LV	2.821	0.0012	-2.5 to 2.5	Pass
					NV	0.920	0.0004	-2.5 to 2.5	Pass
					HV	1.515	0.0007	-2.5 to 2.5	Pass
				-30	NV	2.941	0.0013	-2.5 to 2.5	Pass
				-20	NV	1.187	0.0005	-2.5 to 2.5	Pass
				-10	NV	1.878	0.0008	-2.5 to 2.5	Pass
				0	NV	1.742	0.0008	-2.5 to 2.5	Pass
				10	NV	0.936	0.0004	-2.5 to 2.5	Pass
				30	NV	2.462	0.0011	-2.5 to 2.5	Pass
				40	NV	0.565	0.0002	-2.5 to 2.5	Pass
				50	NV	3.045	0.0013	-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	4.543	/	Pass
	16QAM	2310	25	0	4.525	/	Pass
	64QAM	2310	25	0	4.530	/	Pass
	256QAM	2310	25	0	4.541	/	Pass
10	QPSK	2310	50	0	8.991	/	Pass
	16QAM	2310	50	0	8.963	/	Pass
	64QAM	2310	50	0	8.969	/	Pass
	256QAM	2310	50	0	8.991	/	Pass

3.1.2 Band30_XDB

Band: 30 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	

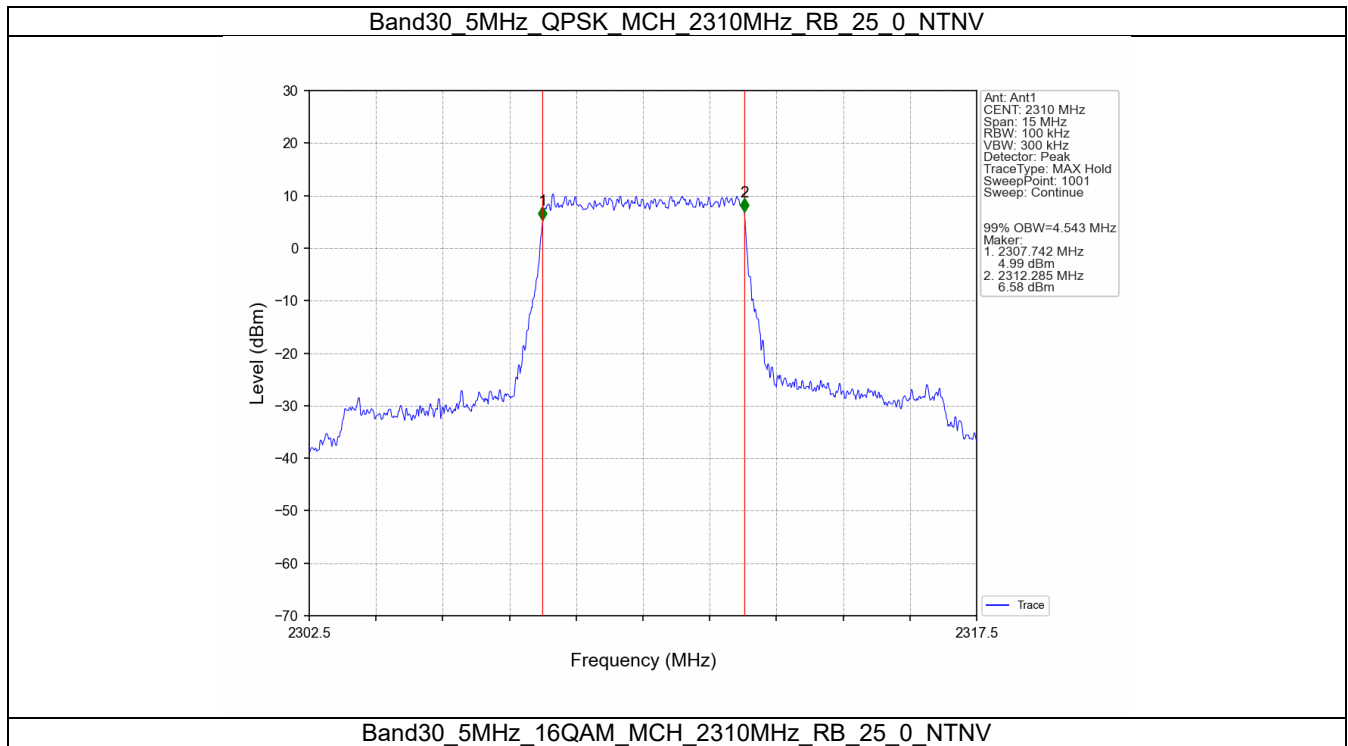


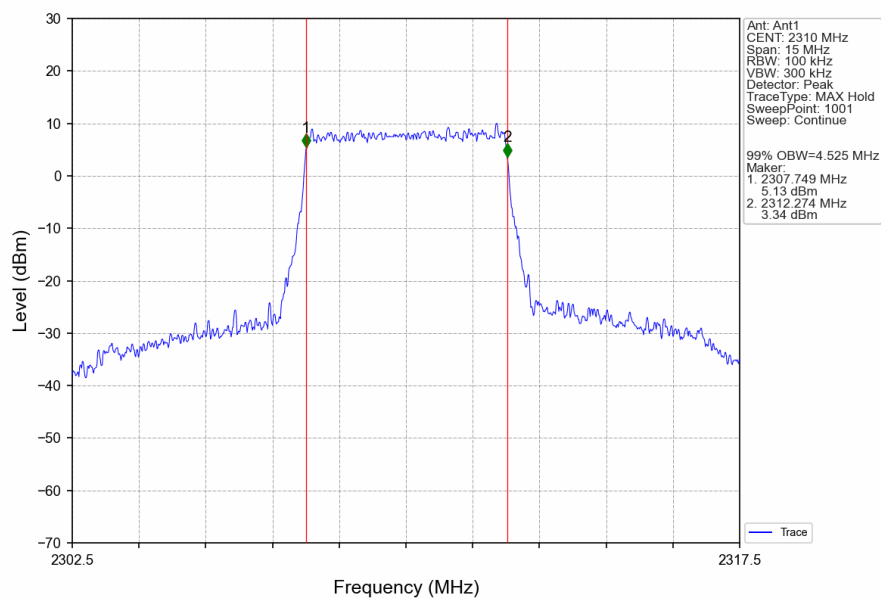
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5	QPSK	2310	25	0	5.222	/	Pass
	16QAM	2310	25	0	5.148	/	Pass
	64QAM	2310	25	0	5.256	/	Pass
	256QAM	2310	25	0	5.181	/	Pass
10	QPSK	2310	50	0	9.871	/	Pass
	16QAM	2310	50	0	9.894	/	Pass
	64QAM	2310	50	0	9.792	/	Pass
	256QAM	2310	50	0	9.812	/	Pass

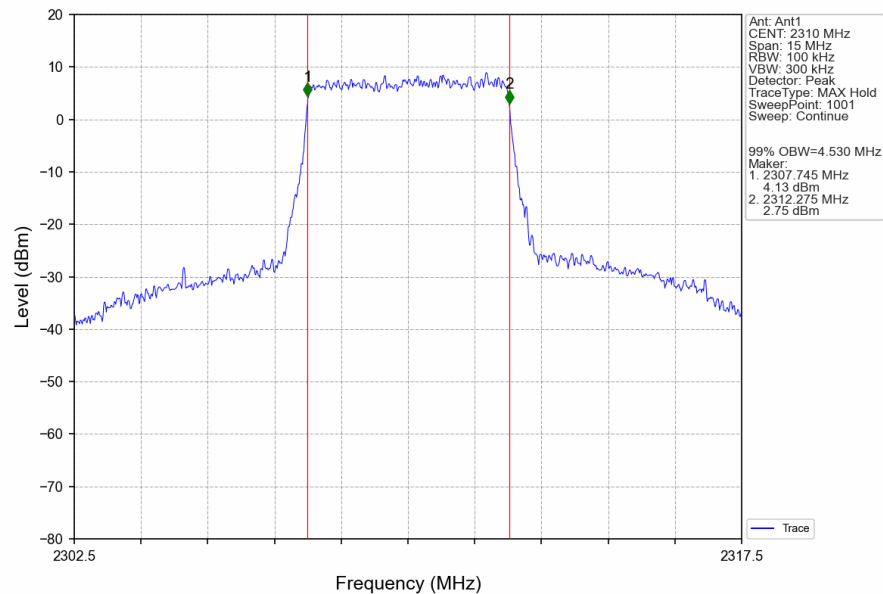
3.2 Test Graph

3.2.1 Band30_OBW

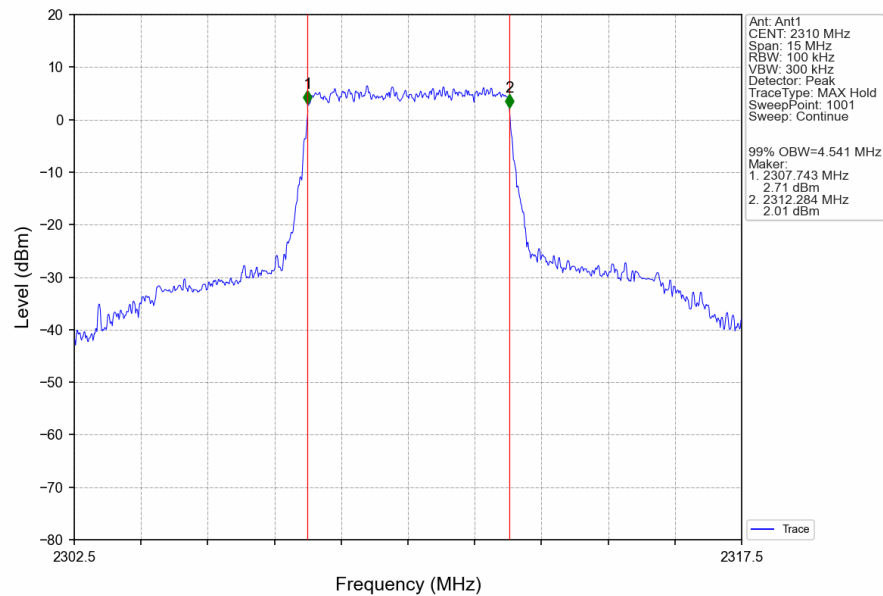




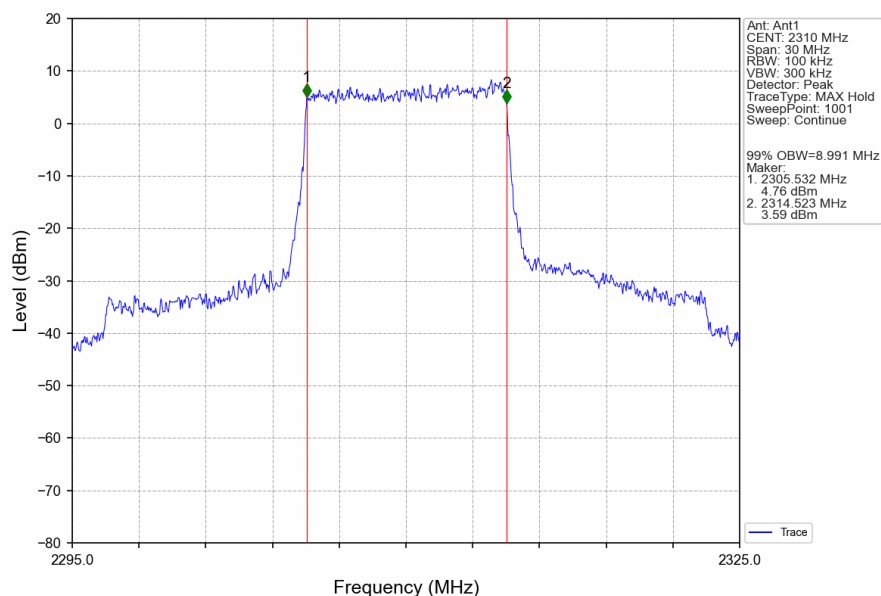
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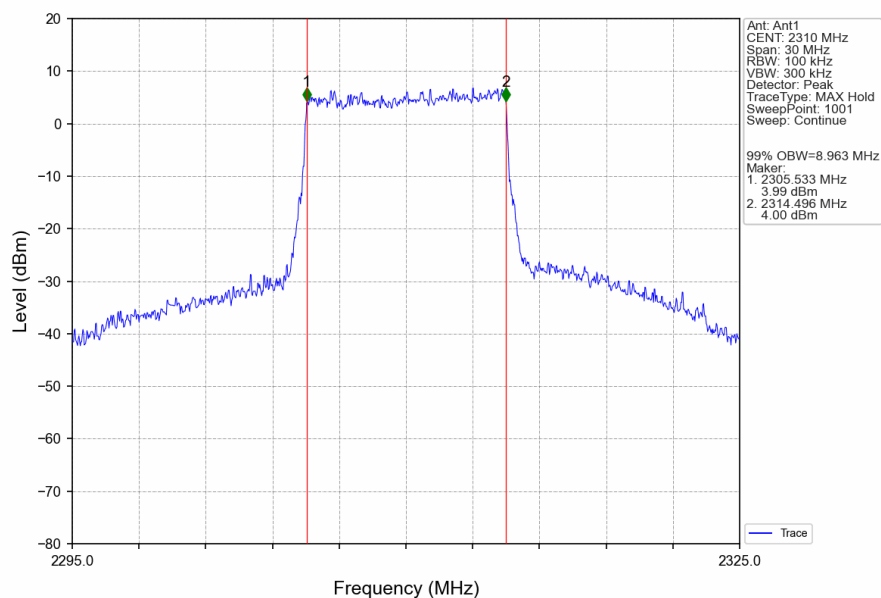
Band30_5MHz_256QAM_MCH_2310MHz_RB_25_0_NTNV



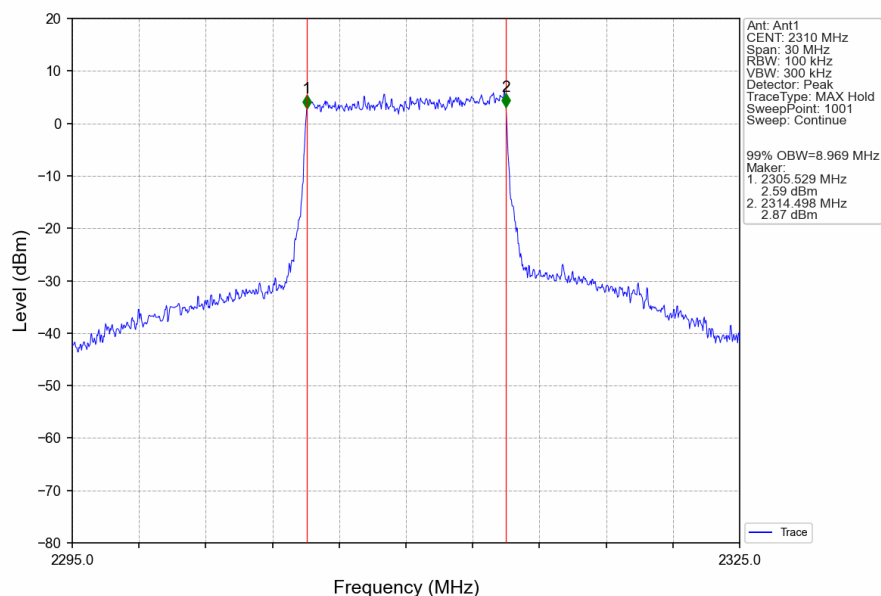
Band30_10MHz_QPSK_MCH_2310MHz_RB_50_0_NTNV



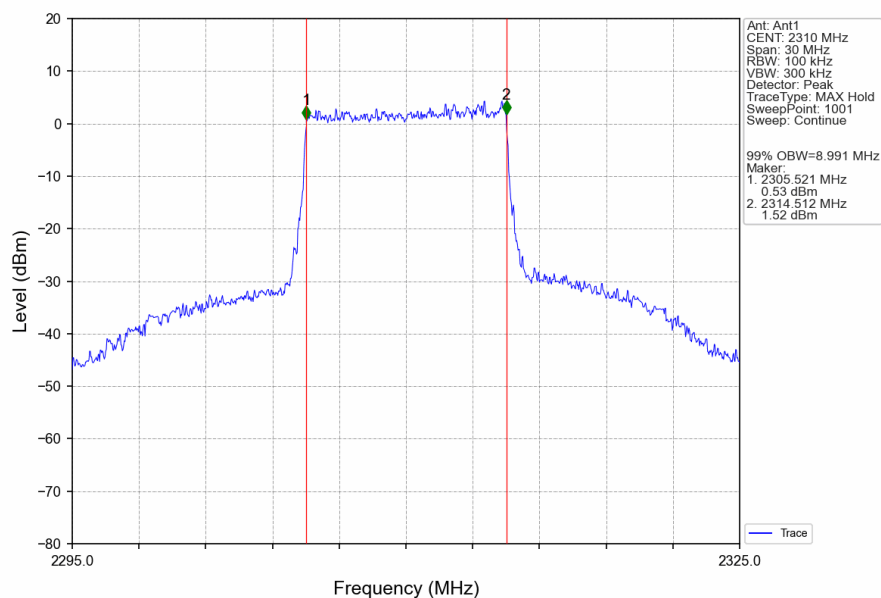
Band30_10MHz_16QAM_MCH_2310MHz_RB_50_0_NTNV



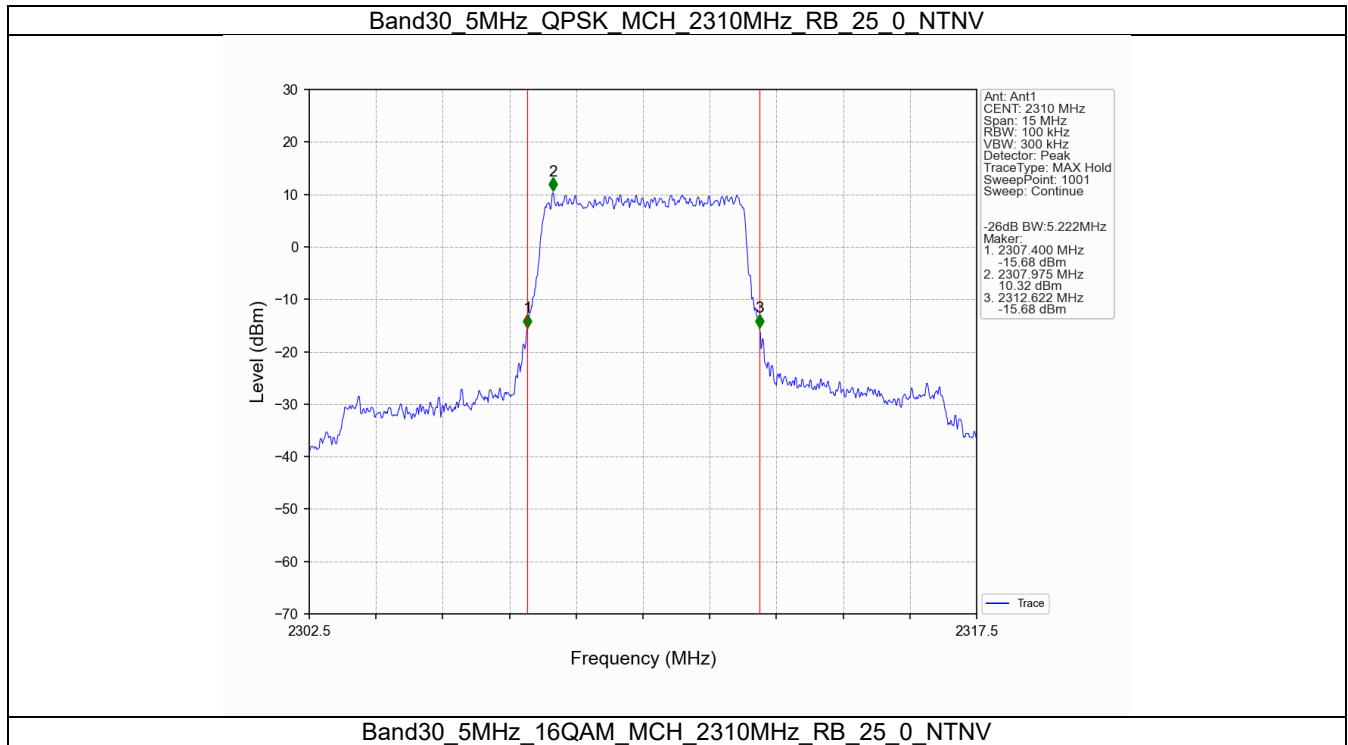
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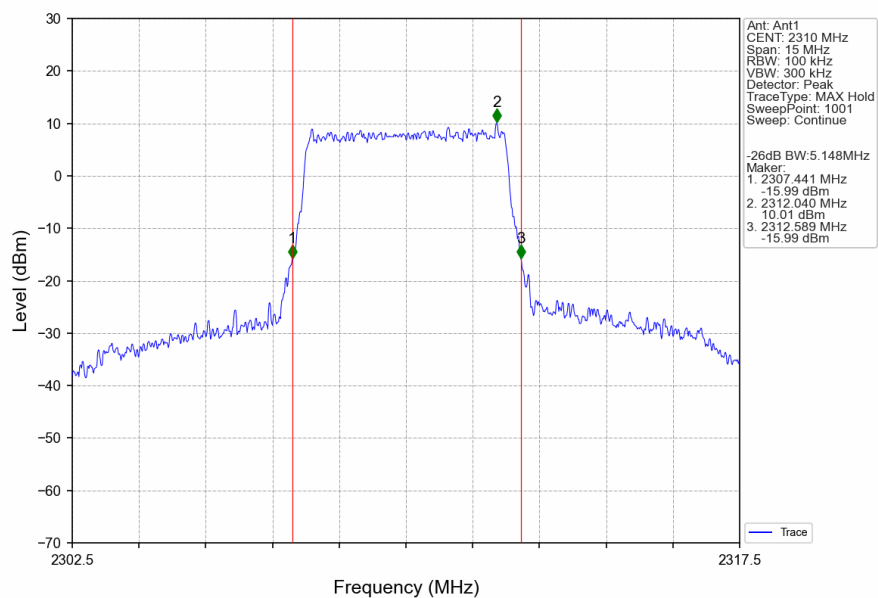


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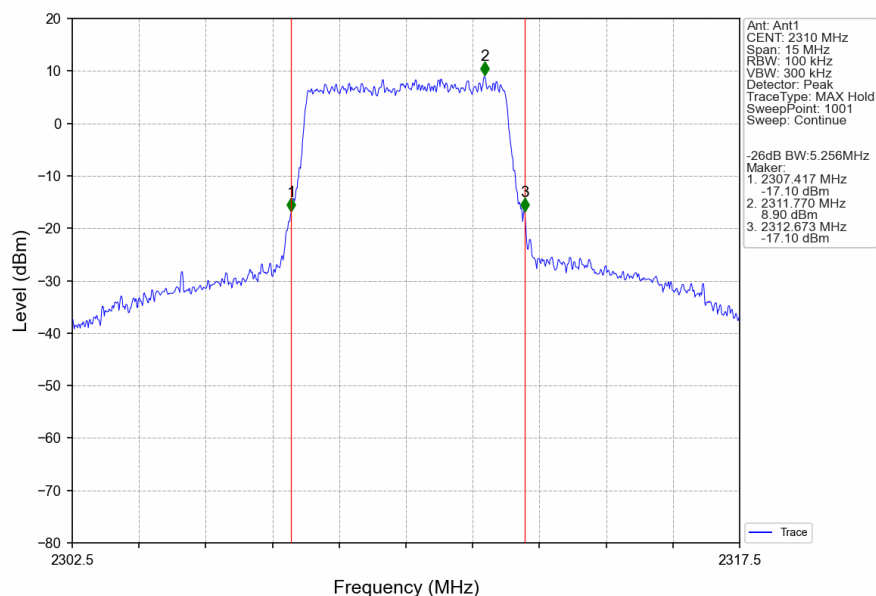


3.2.2 Band30_XDB

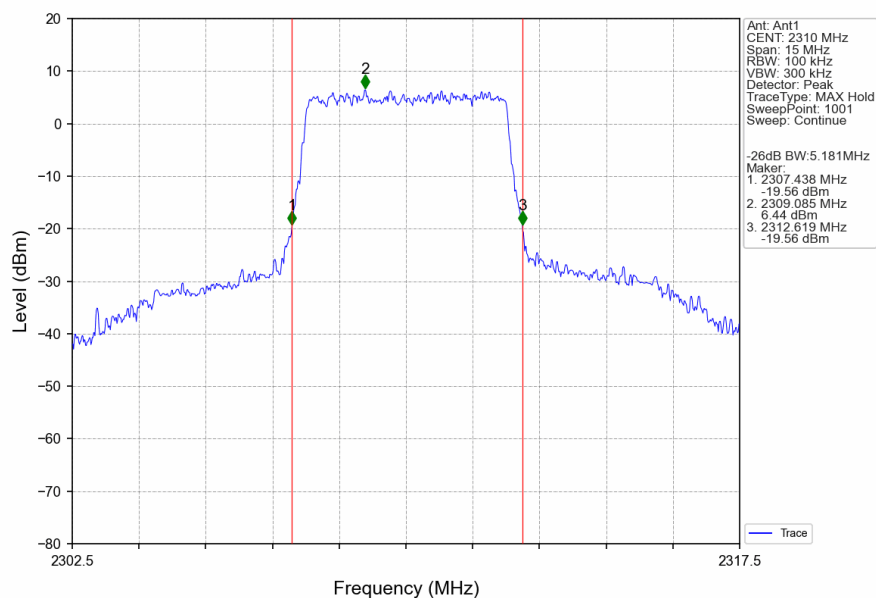




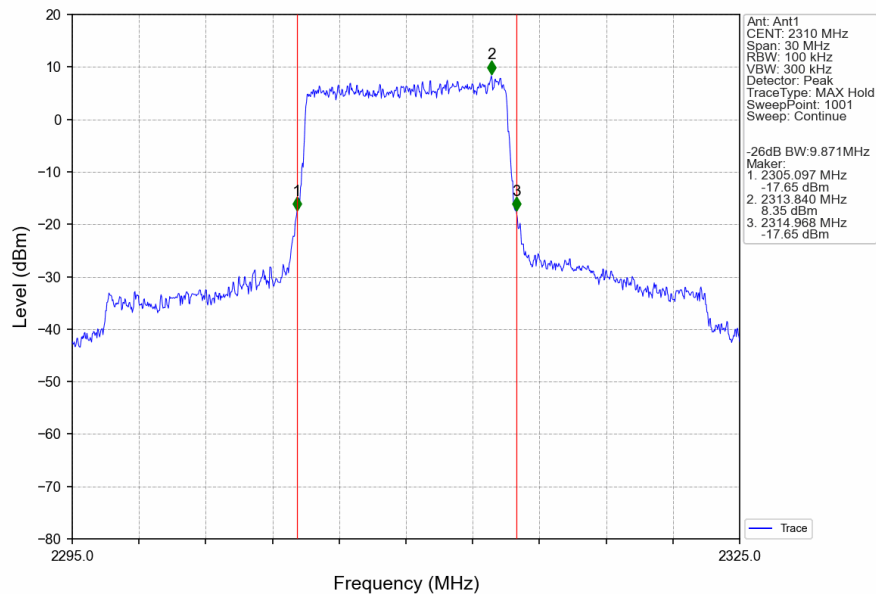
Band30_5MHz_64QAM_MCH_2310MHz_RB_25_0_NTNV



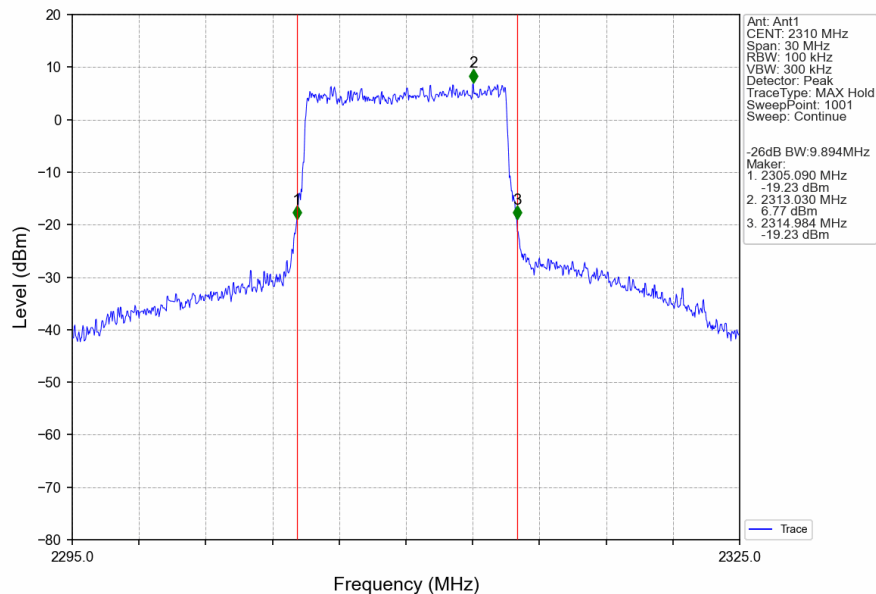
Band30_5MHz_256QAM_MCH_2310MHz_RB_25_0_NTNV



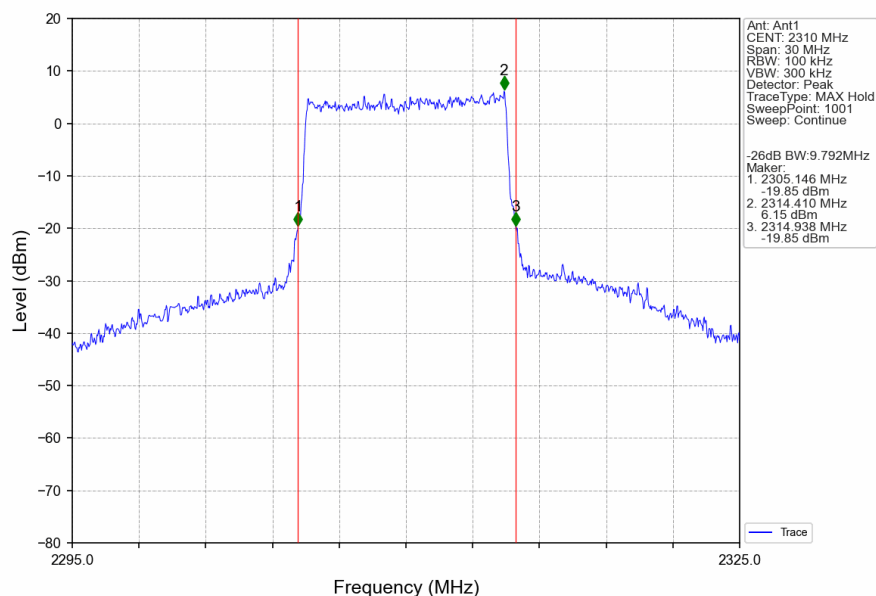
Band30_10MHz_QPSK_MCH_2310MHz_RB_50_0_NTNV



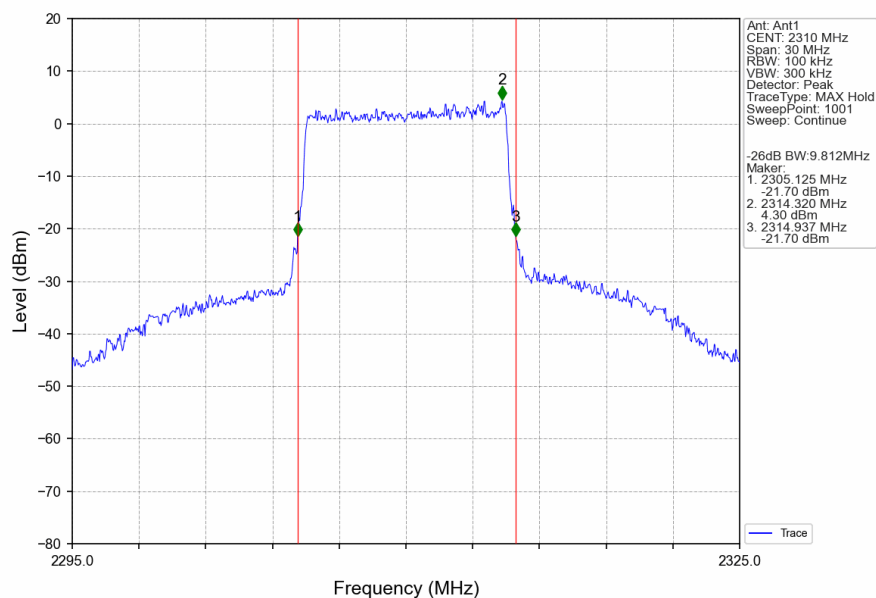
Band30_10MHz_16QAM_MCH_2310MHz_RB_50_0_NTNV



Band30_10MHz_64QAM_MCH_2310MHz_RB_50_0_NTNV



Band30_10MHz_256QAM_MCH_2310MHz_RB_50_0_NTNV





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4. Peak-Average Ratio

4.1 Test Result

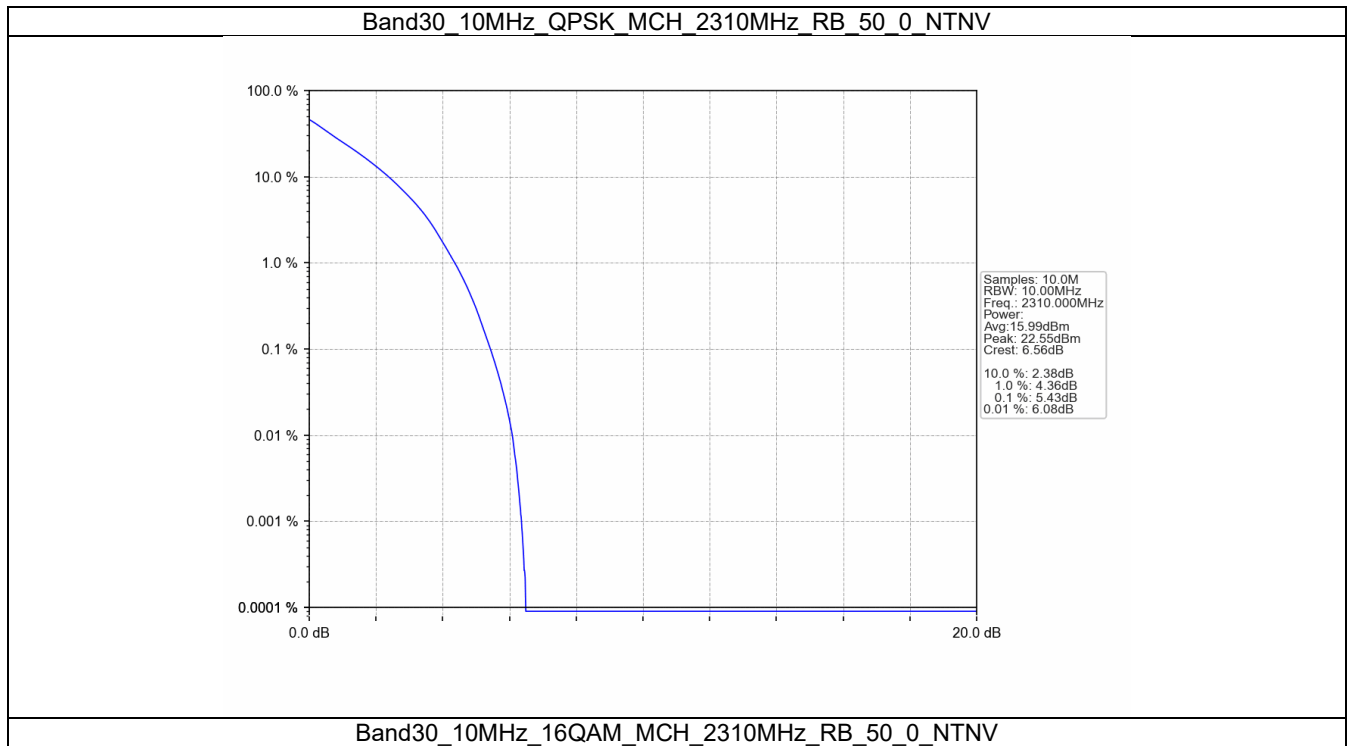
4.1.1 B30_10MHz

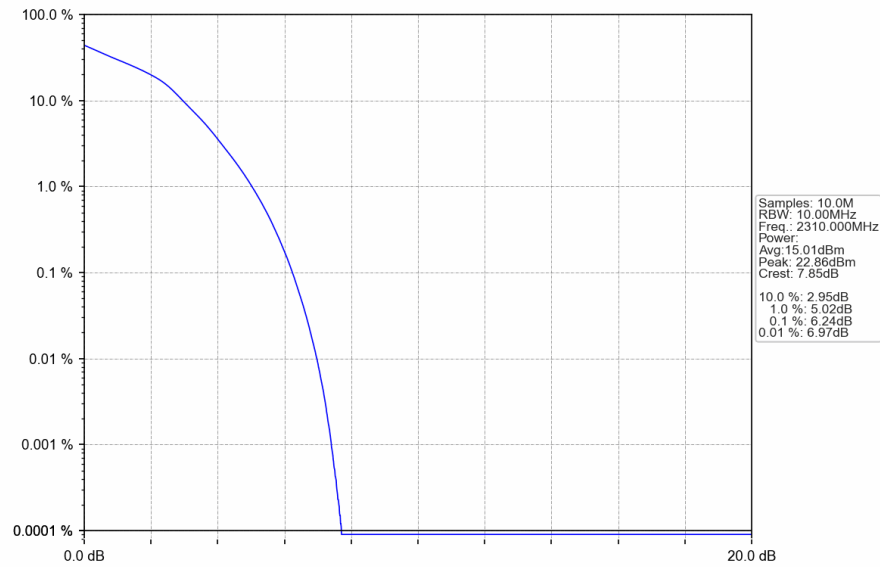
Band: 30 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2310	50	0	5.43	<=13	Pass
16QAM	2310	50	0	6.24	<=13	Pass
64QAM	2310	50	0	6.60	<=13	Pass
256QAM	2310	50	0	6.95	<=13	Pass



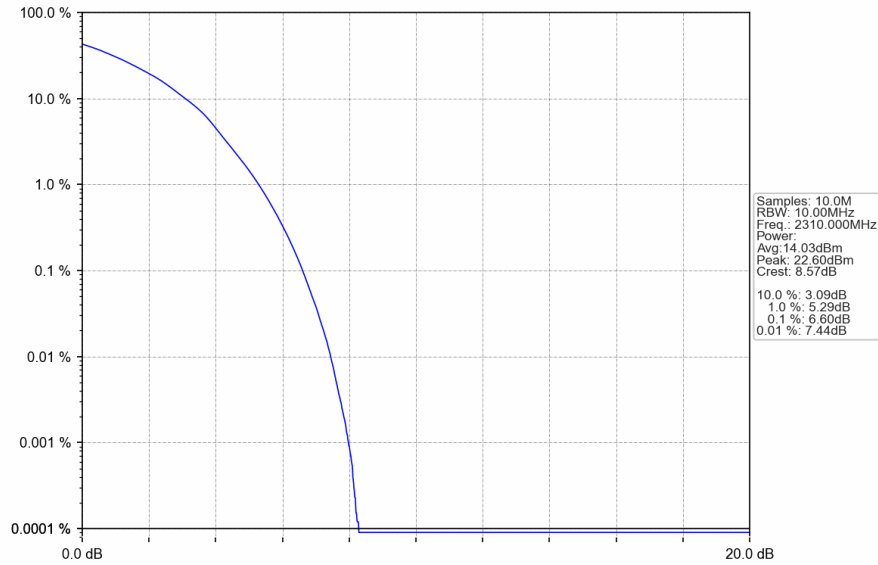
4.2 Test Graph

4.2.1 B30_10MHz

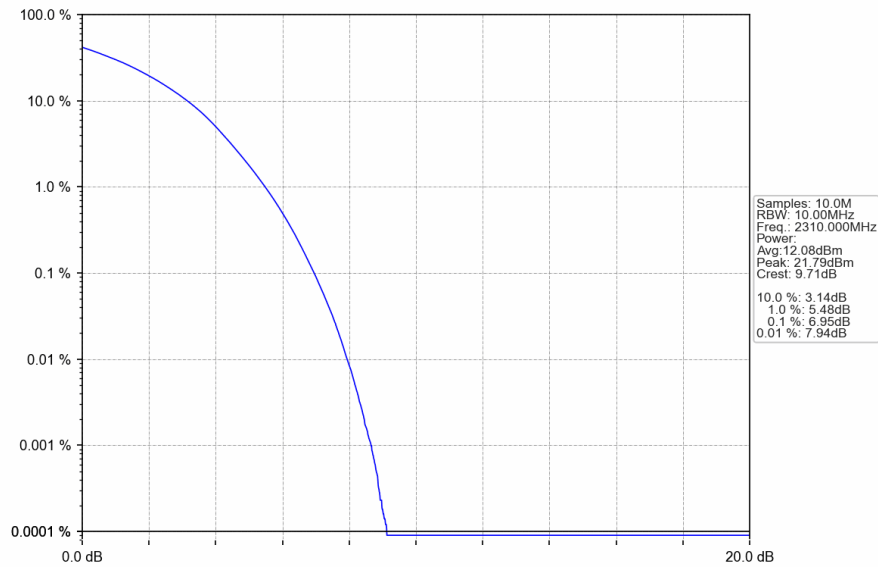




Band30_10MHz_64QAM_MCH_2310MHz_RB_50_0_NTNV



Band30_10MHz_256QAM_MCH_2310MHz_RB_50_0_NTNV





5. Spurious Emission

5.1 Test Result

5.1.1 B30_5MHz

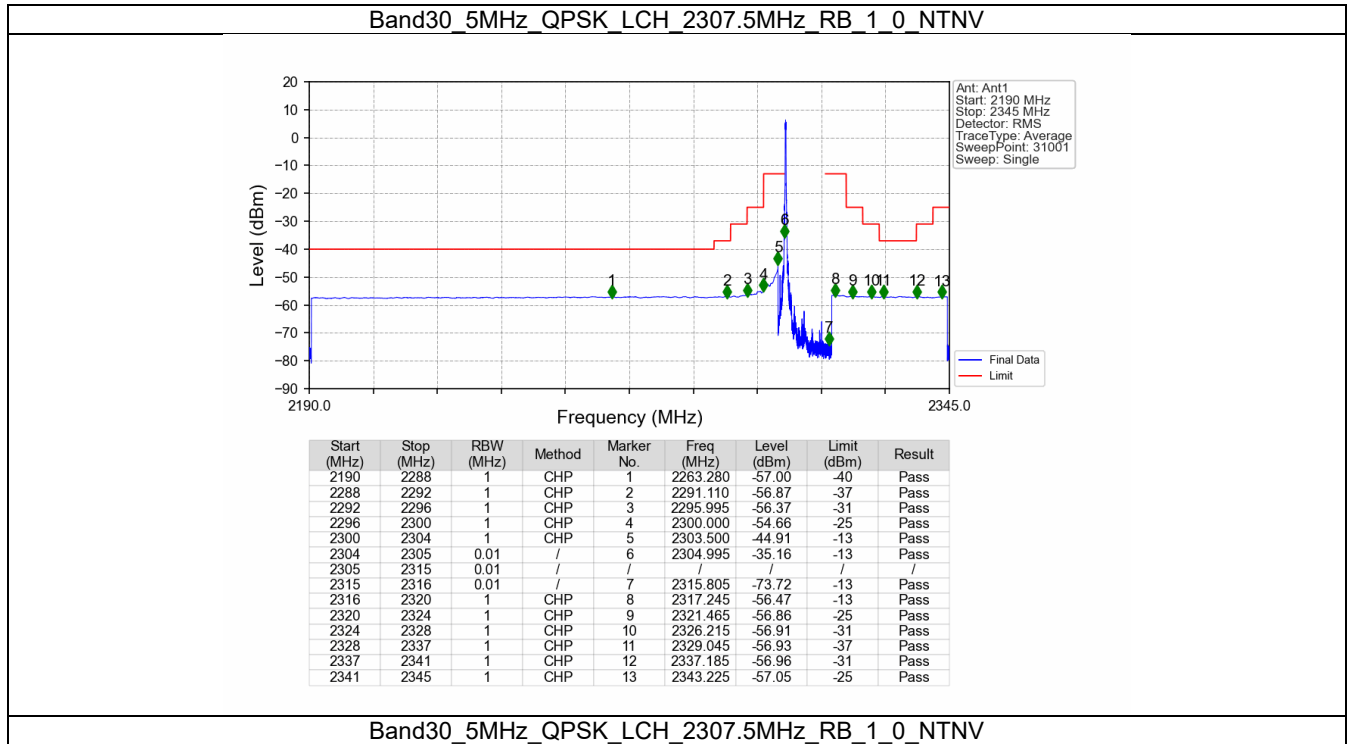
Band: 30 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2307.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	2310	1	0	Refer To Test Graph		Pass
	2312.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

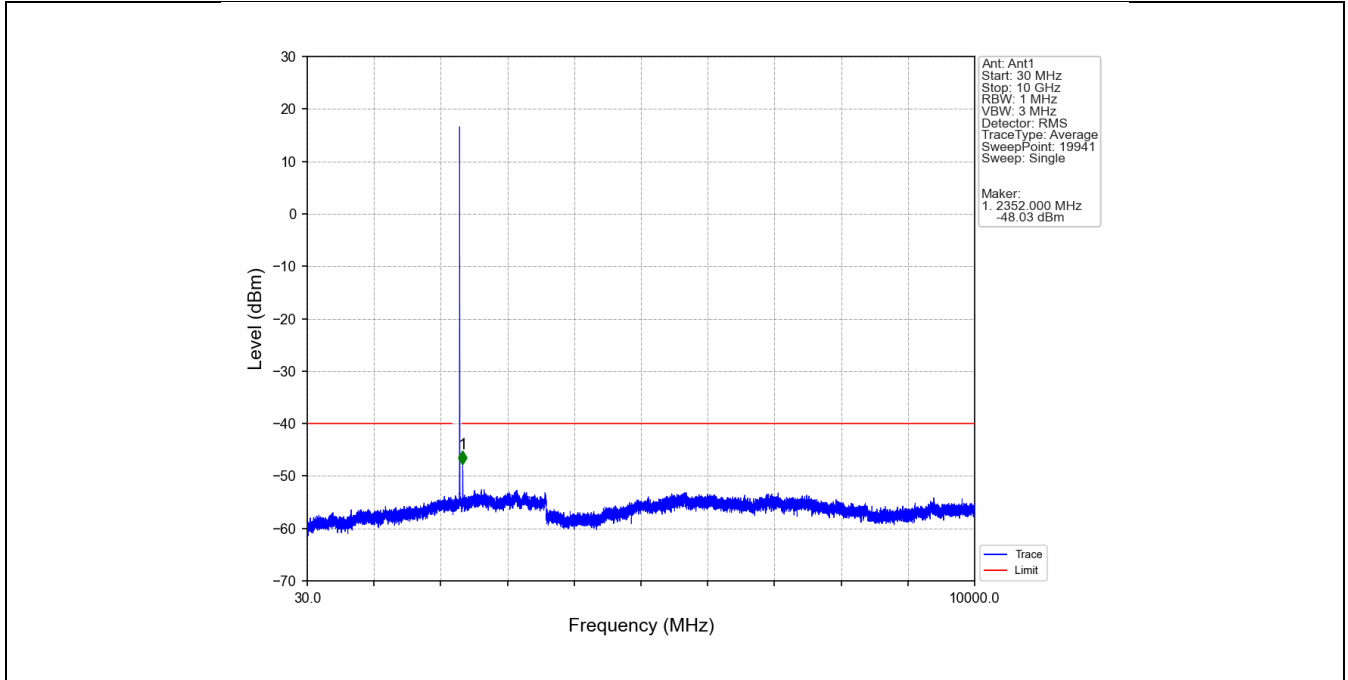
5.1.2 B30_10MHz

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

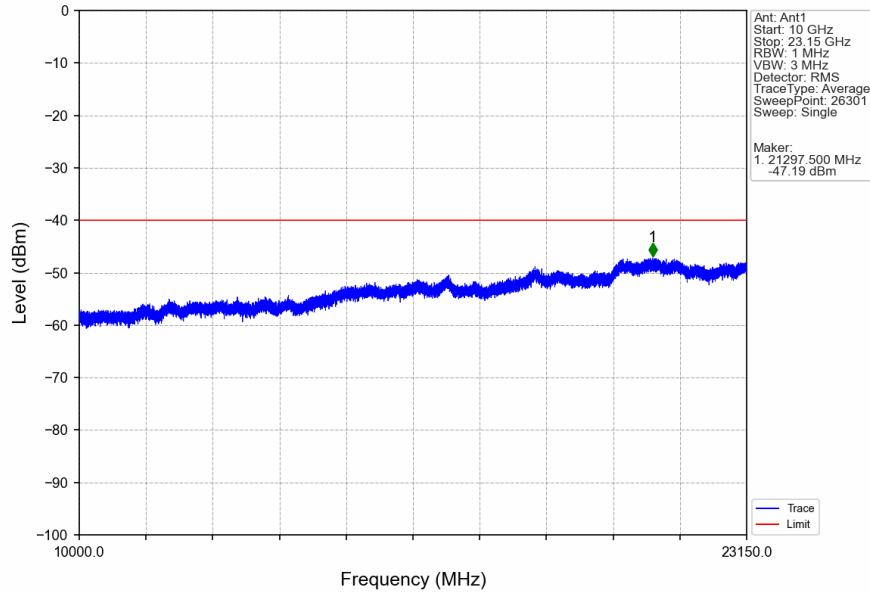
5.2 Test Graph

5.2.1 B30_5MHz

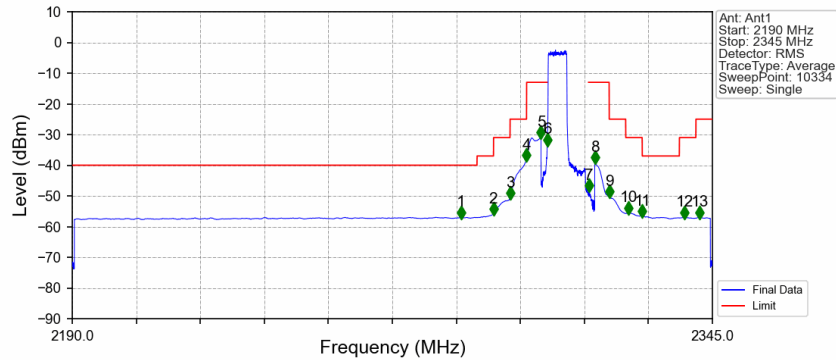




Band30_5MHz_QPSK_LCH_2307.5MHz_RB_1_0_NTNV

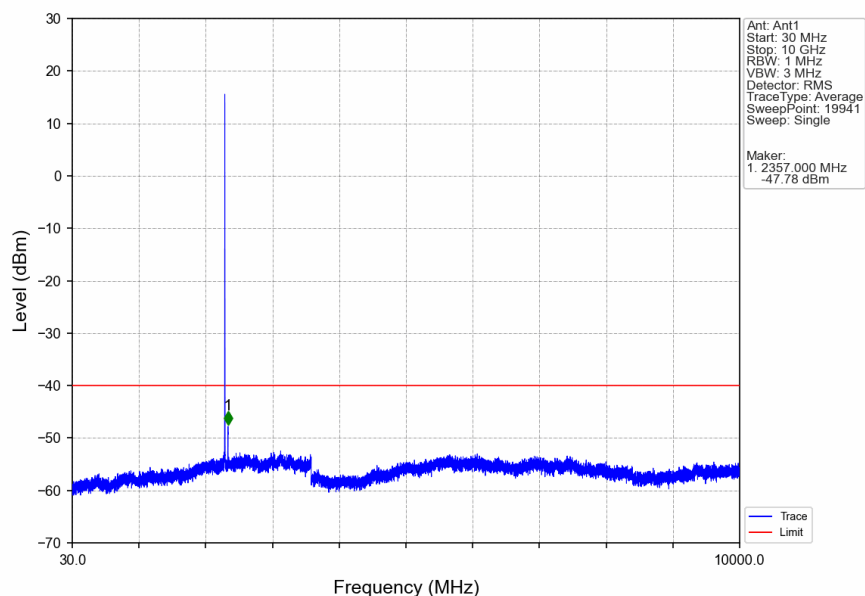


Band30_5MHz_QPSK_LCH_2307.5MHz_RB_25_0_NTNV

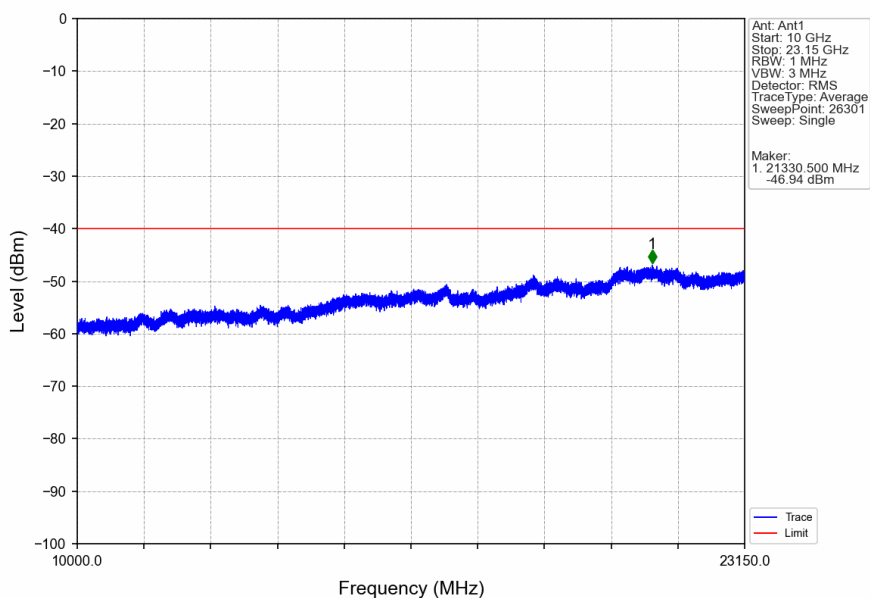


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	CHP	1	2284.113	-56.94	-40	Pass
2288	2292	1	CHP	2	2291.988	-55.84	-37	Pass
2292	2296	1	CHP	3	2295.993	-50.71	-31	Pass
2296	2300	1	CHP	4	2299.999	-38.33	-25	Pass
2300	2304	1	CHP	5	2303.494	-30.92	-13	Pass
2304	2305	0.052	CHP	6	2304.994	-33.20	-13	Pass
2305	2315	0.052	CHP	/	/	/	/	/
2315	2316	0.052	CHP	7	2315.164	-48.24	-13	Pass
2316	2320	1	CHP	8	2316.514	-39.07	-13	Pass
2320	2324	1	CHP	9	2320.009	-50.17	-25	Pass
2324	2328	1	CHP	10	2324.734	-55.52	-31	Pass
2328	2337	1	CHP	11	2328.004	-56.63	-37	Pass
2337	2341	1	CHP	12	2338.235	-56.99	-31	Pass
2341	2345	1	CHP	13	2341.970	-57.01	-25	Pass

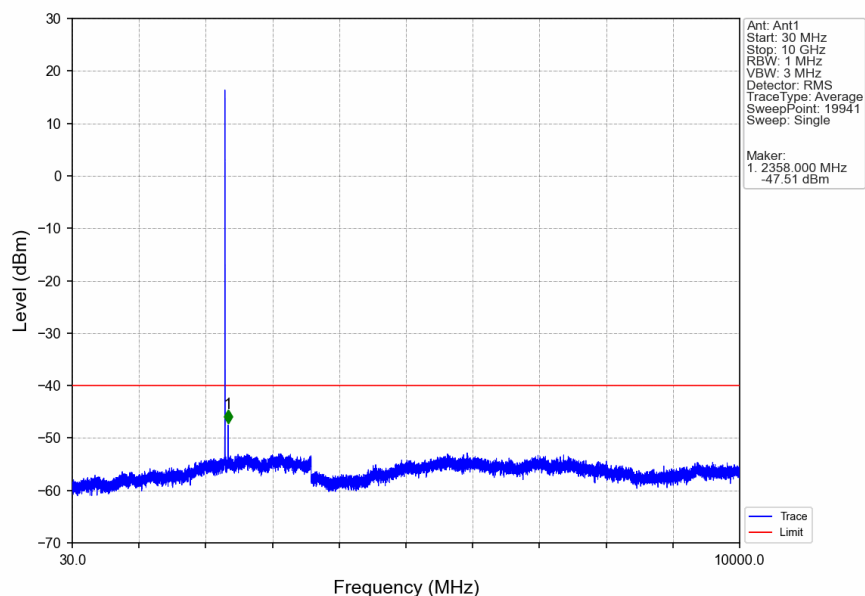
Band30_5MHz_QPSK_MCH_2310MHz_RB_1_0_NTNV



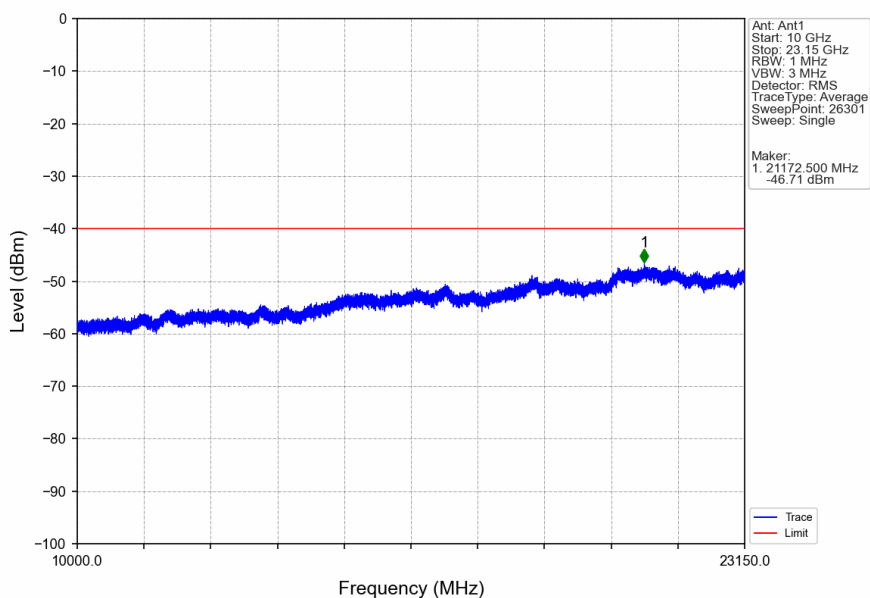
Band30_5MHz_QPSK_MCH_2310MHz_RB_1_0_NTNV



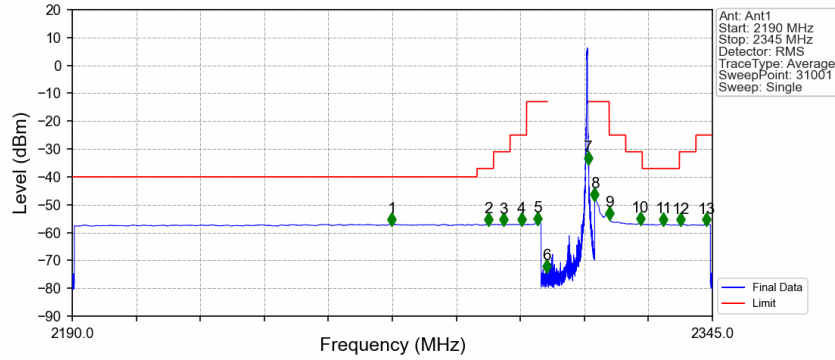
Band30_5MHz_QPSK_HCH_2312.5MHz_RB_1_0_NTNV



Band30_5MHz_QPSK_HCH_2312.5MHz_RB_1_0_NTNV

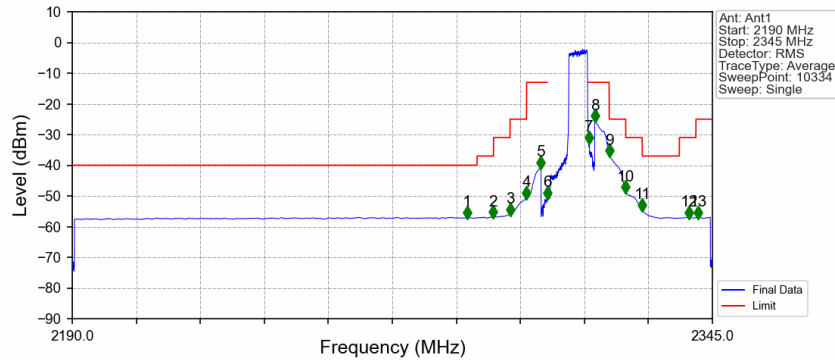


Band30_5MHz_QPSK_HCH_2312.5MHz_RB_1_24_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	CHP	1	2267.390	-56.96	-40	Pass
2288	2292	1	CHP	2	2290.850	-57.03	-37	Pass
2292	2296	1	CHP	3	2294.425	-57.04	-31	Pass
2296	2300	1	CHP	4	2298.765	-57.00	-25	Pass
2300	2304	1	CHP	5	2302.620	-56.76	-13	Pass
2304	2305	0.01	/	6	2304.830	-73.72	-13	Pass
2305	2315	0.01	/	/	/	/	/	/
2315	2316	0.01	/	7	2315.005	-34.98	-13	Pass
2316	2320	1	CHP	8	2316.500	-48.00	-13	Pass
2320	2324	1	CHP	9	2320.005	-54.72	-25	Pass
2324	2328	1	CHP	10	2327.515	-56.65	-31	Pass
2328	2337	1	CHP	11	2333.175	-56.91	-37	Pass
2337	2341	1	CHP	12	2337.310	-57.04	-31	Pass
2341	2345	1	CHP	13	2343.540	-57.06	-25	Pass

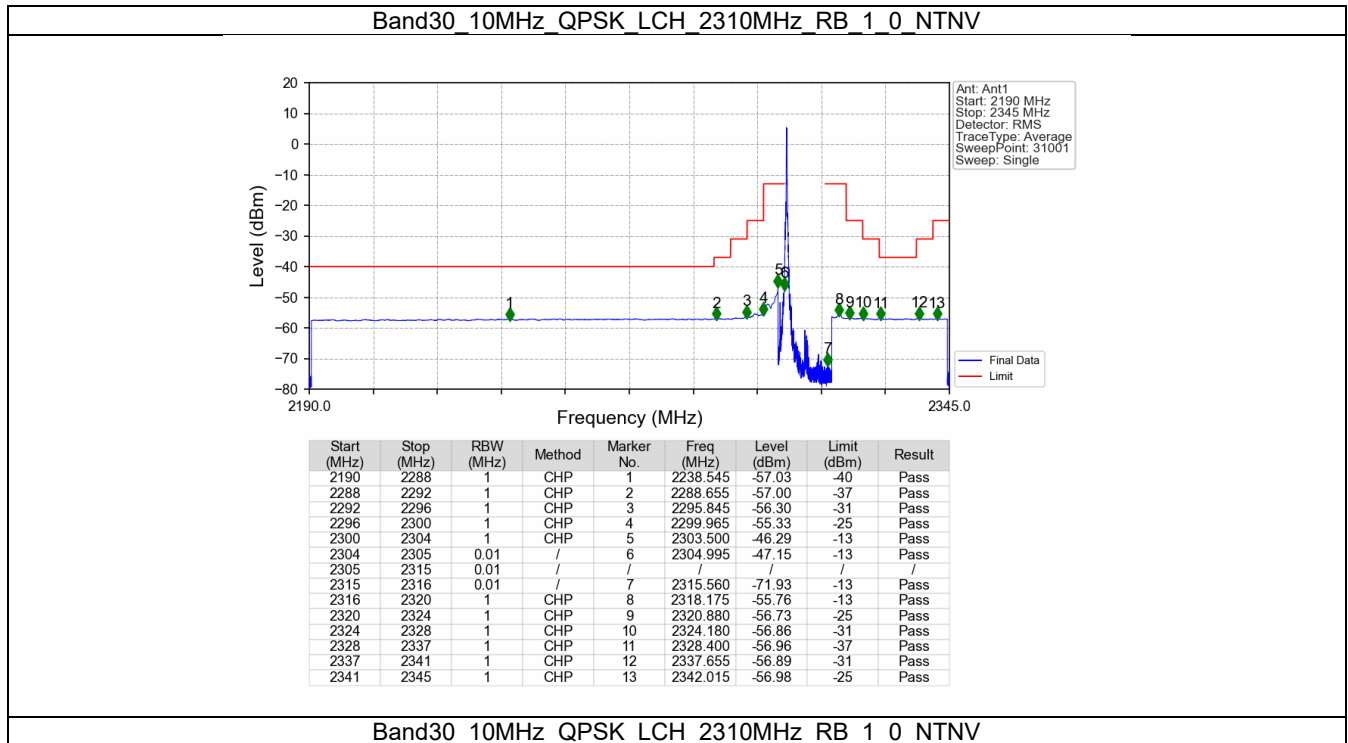
Band30_5MHz_QPSK_HCH_2312.5MHz_RB_25_0_NTNV



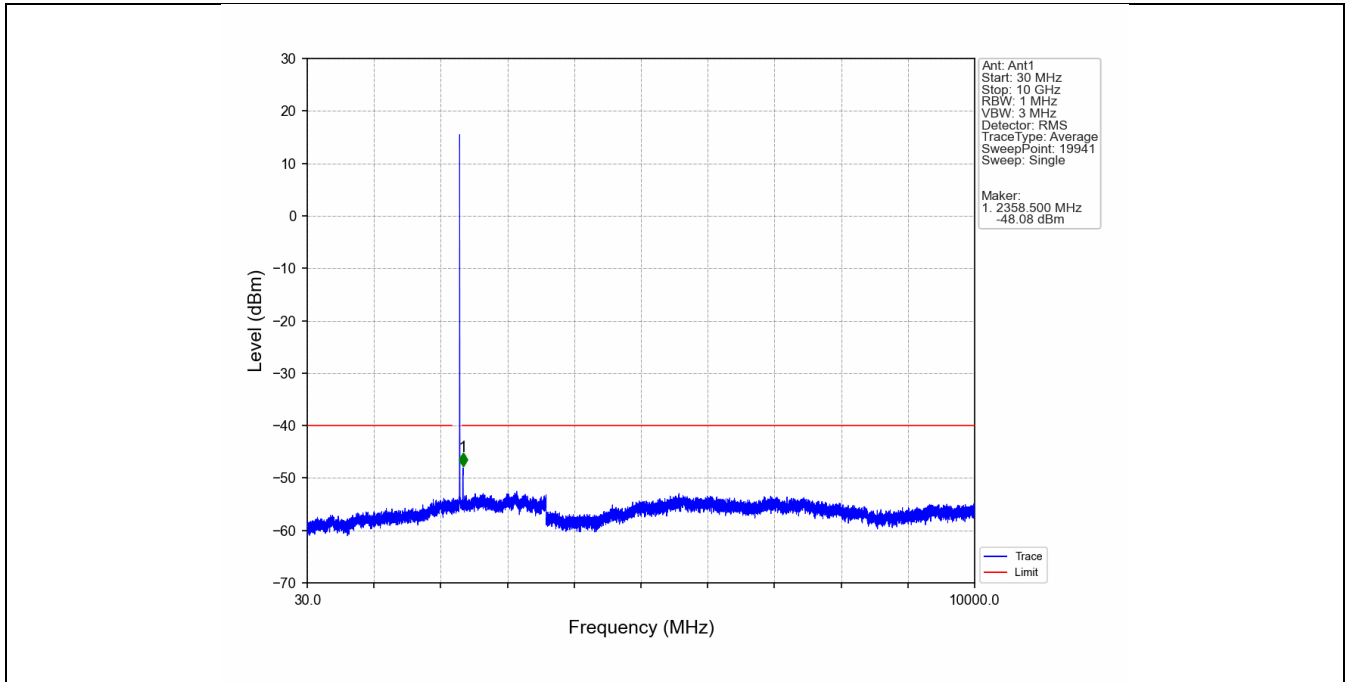
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	CHP	1	2285.598	-56.97	-40	Pass
2288	2292	1	CHP	2	2291.898	-56.86	-37	Pass
2292	2296	1	CHP	3	2295.993	-55.92	-31	Pass
2296	2300	1	CHP	4	2299.999	-50.62	-25	Pass
2300	2304	1	CHP	5	2303.479	-40.62	-13	Pass
2304	2305	0.052	CHP	6	2304.994	-50.53	-13	Pass
2305	2315	0.052	CHP	/	/	/	/	/
2315	2316	0.052	CHP	7	2315.059	-32.50	-13	Pass
2316	2320	1	CHP	8	2316.514	-25.49	-13	Pass
2320	2324	1	CHP	9	2320.009	-36.85	-25	Pass
2324	2328	1	CHP	10	2324.014	-48.70	-31	Pass
2328	2337	1	CHP	11	2328.004	-54.57	-37	Pass
2337	2341	1	CHP	12	2339.315	-56.96	-31	Pass
2341	2345	1	CHP	13	2341.520	-56.95	-25	Pass



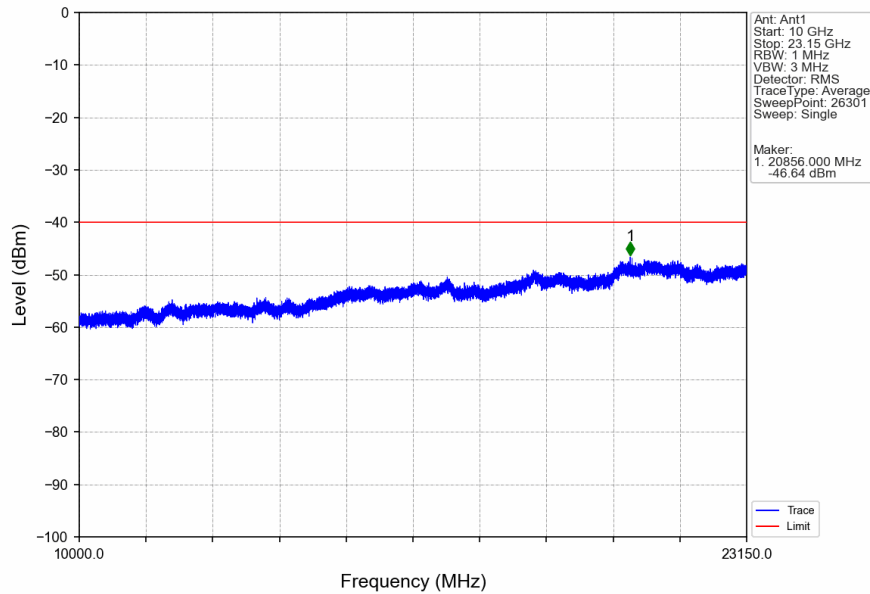
5.2.2 B30_10MHz



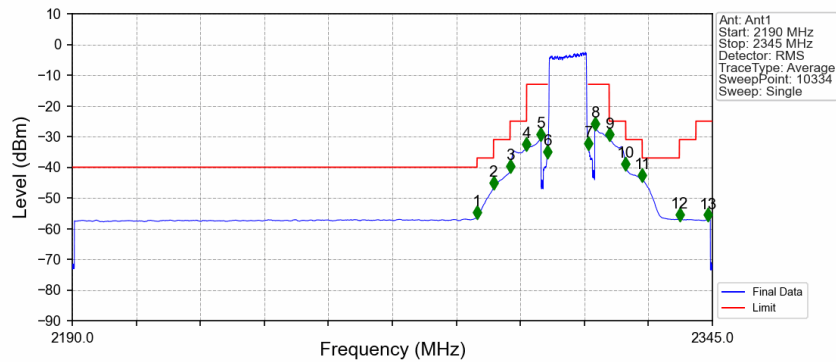
Band30_10MHz_QPSK_LCH_2310MHz_RB_1_0_NTNV



Band30_10MHz_QPSK_LCH_2310MHz_RB_1_0_NTNV

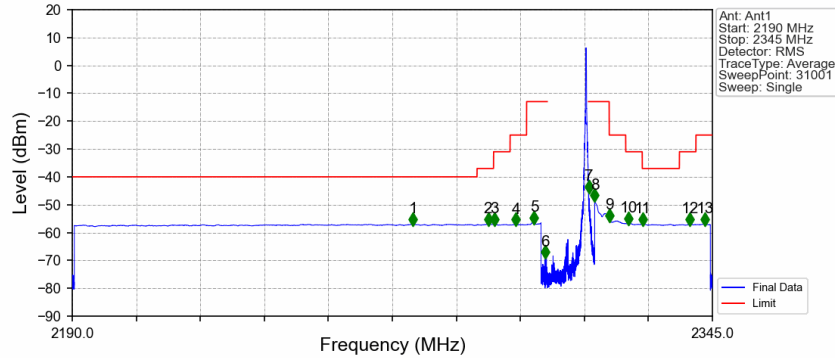


Band30_10MHz_QPSK_LCH_2310MHz_RB_50_0_NTNV



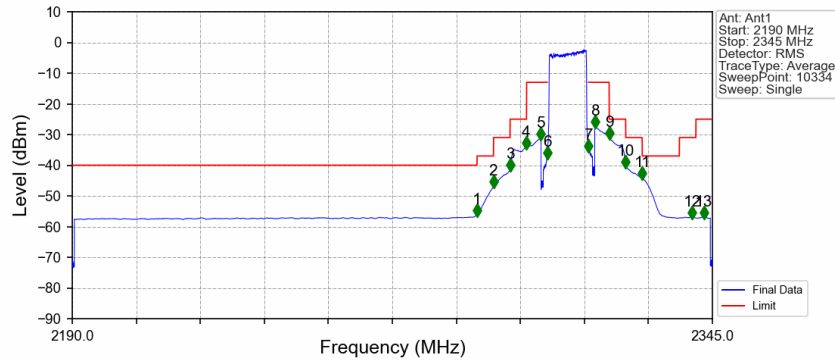
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	CHP	1	2287.998	-56.15	-40	Pass
2288	2292	1	CHP	2	2291.988	-46.68	-37	Pass
2292	2296	1	CHP	3	2295.993	-41.26	-31	Pass
2296	2300	1	CHP	4	2299.969	-34.10	-25	Pass
2300	2304	1	CHP	5	2303.479	-30.75	-13	Pass
2304	2305	0.099	CHP	6	2304.994	-36.52	-13	Pass
2305	2315	0.099	CHP	/	/	/	/	/
2315	2316	0.099	CHP	7	2315.014	-33.76	-13	Pass
2316	2320	1	CHP	8	2316.514	-27.34	-13	Pass
2320	2324	1	CHP	9	2320.009	-30.91	-25	Pass
2324	2328	1	CHP	10	2324.014	-40.41	-31	Pass
2328	2337	1	CHP	11	2328.004	-44.21	-37	Pass
2337	2341	1	CHP	12	2337.065	-56.93	-31	Pass
2341	2345	1	CHP	13	2343.935	-57.09	-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	2272.480	-56.99	-40	Pass
2288	2292	1	CHP	2	2290.705	-56.95	-37	Pass
2292	2296	1	CHP	3	2292.265	-57.01	-31	Pass
2296	2300	1	CHP	4	2297.455	-57.07	-25	Pass
2300	2304	1	CHP	5	2301.835	-56.46	-13	Pass
2304	2305	0.01	/	6	2304.590	-68.74	-13	Pass
2305	2315	0.01	/	/	/	/	/	/
2315	2316	0.01	/	7	2315.050	-45.30	-13	Pass
2316	2320	1	CHP	8	2316.500	-48.36	-13	Pass
2320	2324	1	CHP	9	2320.005	-55.64	-25	Pass
2324	2328	1	CHP	10	2324.655	-56.75	-31	Pass
2328	2337	1	CHP	11	2328.085	-57.01	-37	Pass
2337	2341	1	CHP	12	2339.545	-57.00	-31	Pass
2341	2345	1	CHP	13	2343.210	-56.97	-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	2287.998	-56.23	-40	Pass
2288	2292	1	CHP	2	2291.988	-46.93	-37	Pass
2292	2296	1	CHP	3	2295.993	-41.45	-31	Pass
2296	2300	1	CHP	4	2299.924	-34.20	-25	Pass
2300	2304	1	CHP	5	2303.434	-31.26	-13	Pass
2304	2305	0.099	CHP	6	2304.994	-37.39	-13	Pass
2305	2315	0.099	CHP	/	/	/	/	/
2315	2316	0.099	CHP	7	2315.014	-35.18	-13	Pass
2316	2320	1	CHP	8	2316.514	-27.37	-13	Pass
2320	2324	1	CHP	9	2320.009	-31.14	-25	Pass
2324	2328	1	CHP	10	2324.014	-40.37	-31	Pass
2328	2337	1	CHP	11	2328.004	-44.17	-37	Pass
2337	2341	1	CHP	12	2340.065	-56.90	-31	Pass
2341	2345	1	CHP	13	2342.915	-56.90	-25	Pass

---End of Attachment---