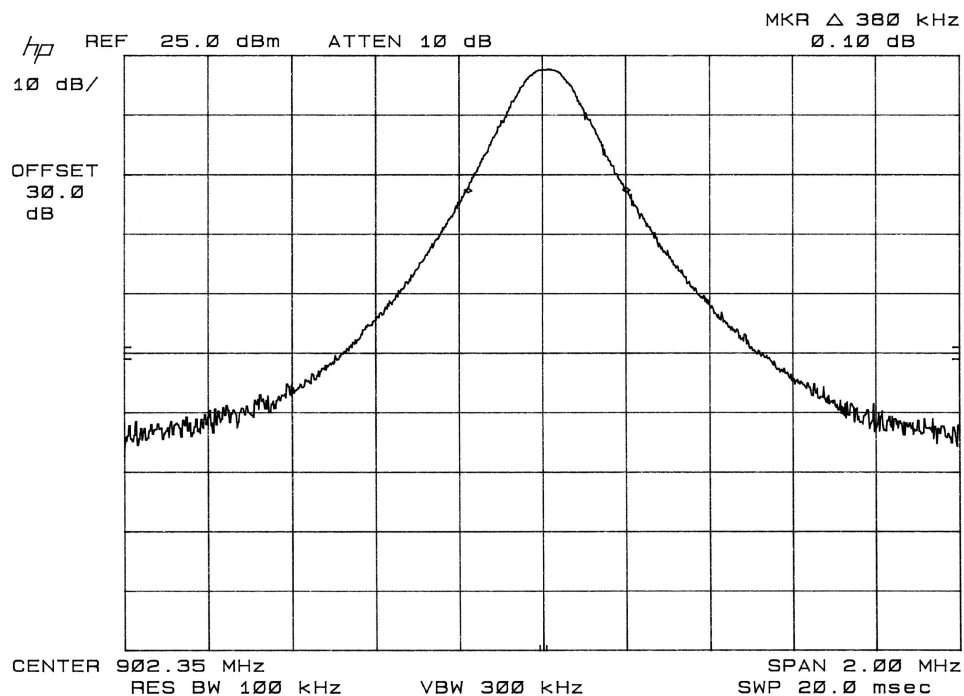
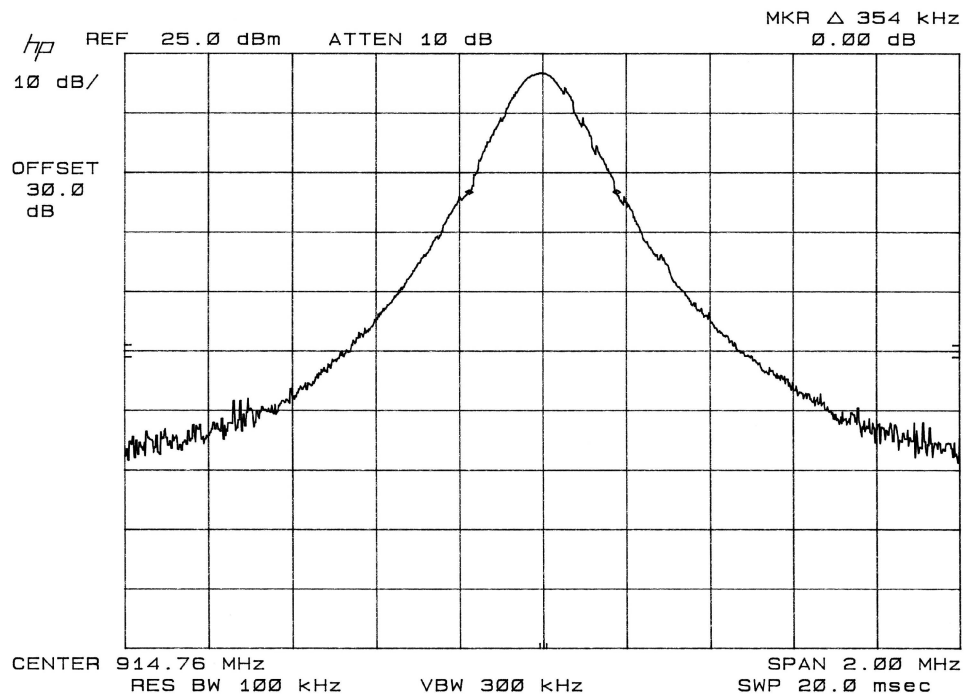


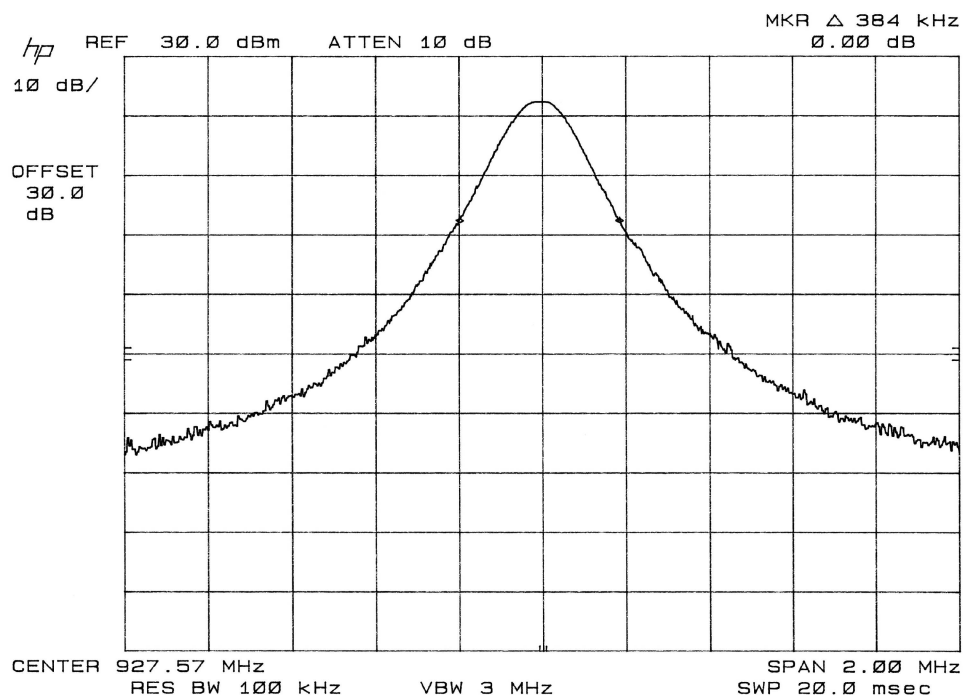
		5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		20 dB Single Channel Bandwidth	
DNB Job Number:		58090		Date: 04 Mar 2005	
Customer:		ConectiSys Corp. Inc			
Model Number:		HNET 5.0-BS		Serial Number: Proto	
Description:		Wireless Power Usage Monitoring System			
Conformance Standard FCC Part 15 Clause 15.247(a,1)					
Environmental Conditions					
Ambient Temperature		Relative Humidity		Barometric Pressure	
23 °C		57 %		102.0 kPa	
EUT performed within the requirements of the applicable standard ☒ Yes ☐ No <i>Tom Elders</i>					
Channel	Chl Freq (MHz)	20dB BW (kHz)	Limit	Pass/Fail	
1 (Low)	902.36	380	500 kHz	Pass	



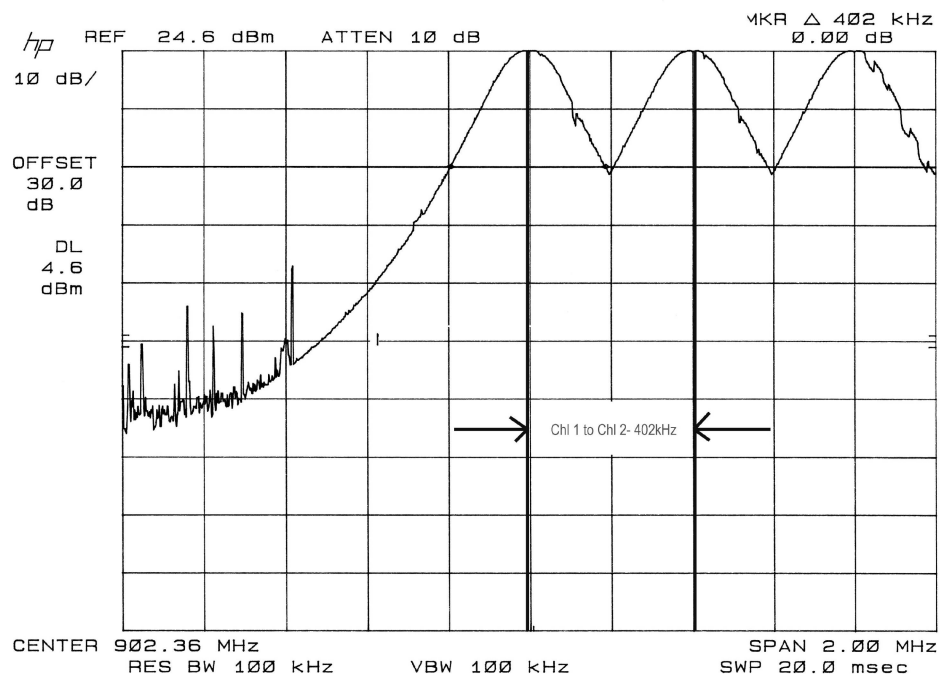
		5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		20 dB Single Channel Bandwidth	
DNB Job Number:		58090		Date: 04 Mar 2005	
Customer:		ConectiSys Corp. Inc			
Model Number:		HNET 5.0-BS		Serial Number: Proto	
Description:		Wireless Power Usage Monitoring System			
Conformance Standard FCC Part 15 Clause 15.247(a,1)					
Environmental Conditions					
Ambient Temperature		Relative Humidity		Barometric Pressure	
23 °C		57 %		102.0 kPa	
EUT performed within the requirements of the applicable standard ☒ Yes ☐ No <i>Tom Elders</i>					
Channel	Chl Freq (MHz)	20dB BW (kHz)	Limit	Pass/Fail	
32 (Mid)	914.75	354	500 kHz	Pass	



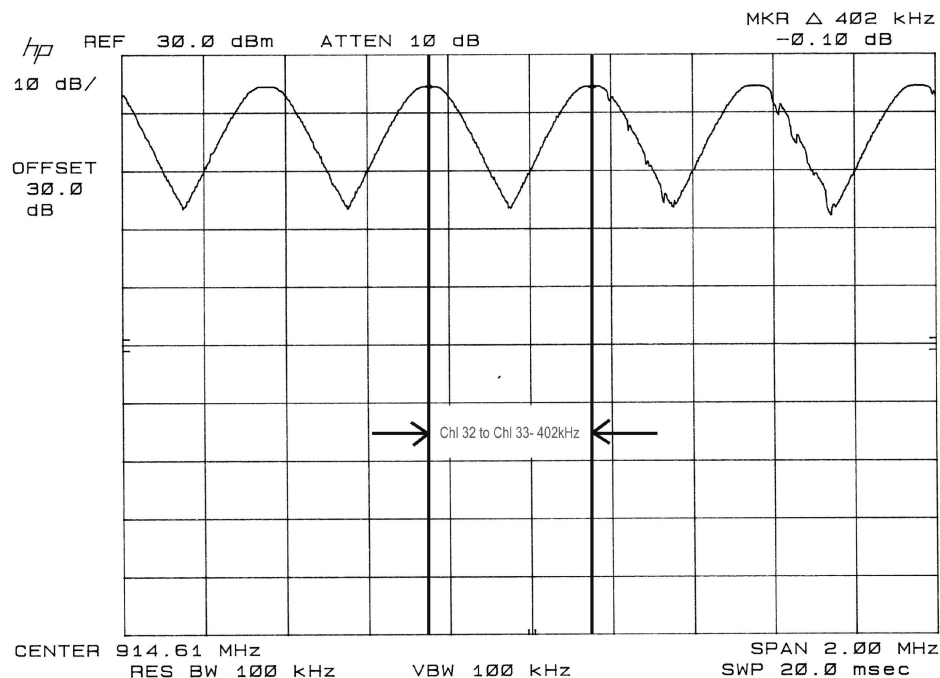
		5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		20 dB Single Channel Bandwidth	
DNB Job Number:	58090	Date:	04 Mar 2005	Conformance Standard FCC Part 15	
Customer:	ConectiSys Corp. Inc				
Model Number:	HNET 5.0-BS	Serial Number:	Proto		
Description:	Wireless Power Usage Monitoring System			Clause 15.247(a,1)	
Environmental Conditions					
Ambient Temperature		Relative Humidity		Barometric Pressure	
23 °C		57 %		102.0 kPa	
EUT performed within the requirements of the applicable standard ☒ Yes ☐ No <i>Tom Elders</i>					
Channel	Chl Freq (MHz)	20dB BW (kHz)	Limit	Pass/Fail	
64 (High)	927.56	384	500 kHz	Pass	



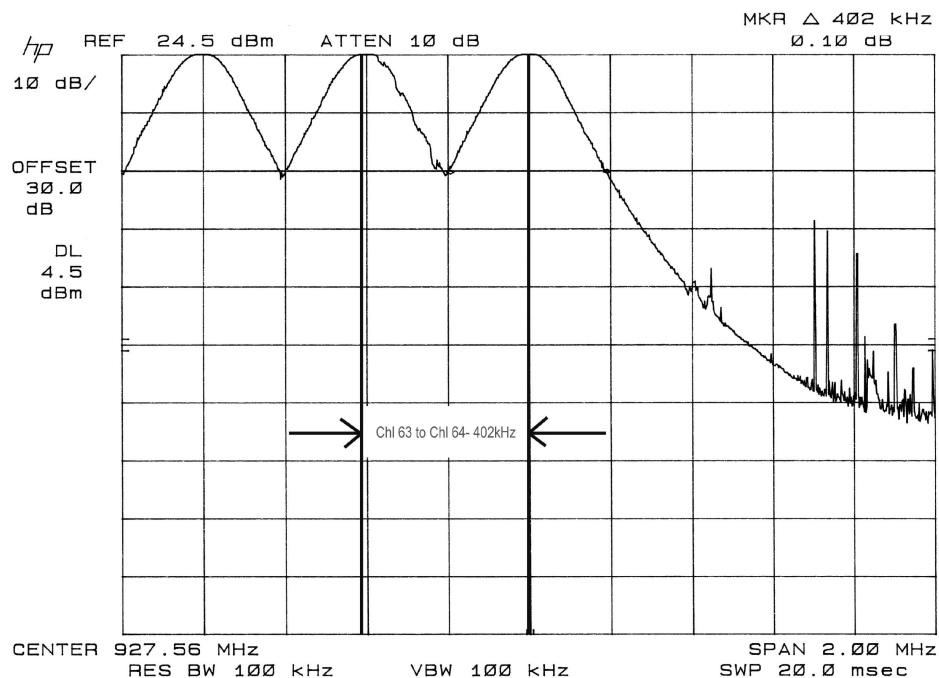
		5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		Channel Separation	
DNB Job Number:	58090	Date:	15 Dec 2004	Conformance Standard FCC Part 15 Clause 15.247(a,1)	
Customer:	ConectiSys Corp. Inc				
Model Number:	HNET 5.0-BS	Serial Number:	Proto		
Description:	Wireless Power Usage Monitoring System			Clause 15.247(a,1)	
Environmental Conditions					
Ambient Temperature		Relative Humidity		Barometric Pressure	
22 °C		55 %		101.8 kPa	
EUT performed within the requirements of the applicable standard ☒ Yes ☐ No <i>Tom Elders</i>					
Hopping Channel	Hopping Channel	Delta	Limit	Pass/Fail	
1	2	402 kHz	386 kHz	Pass	



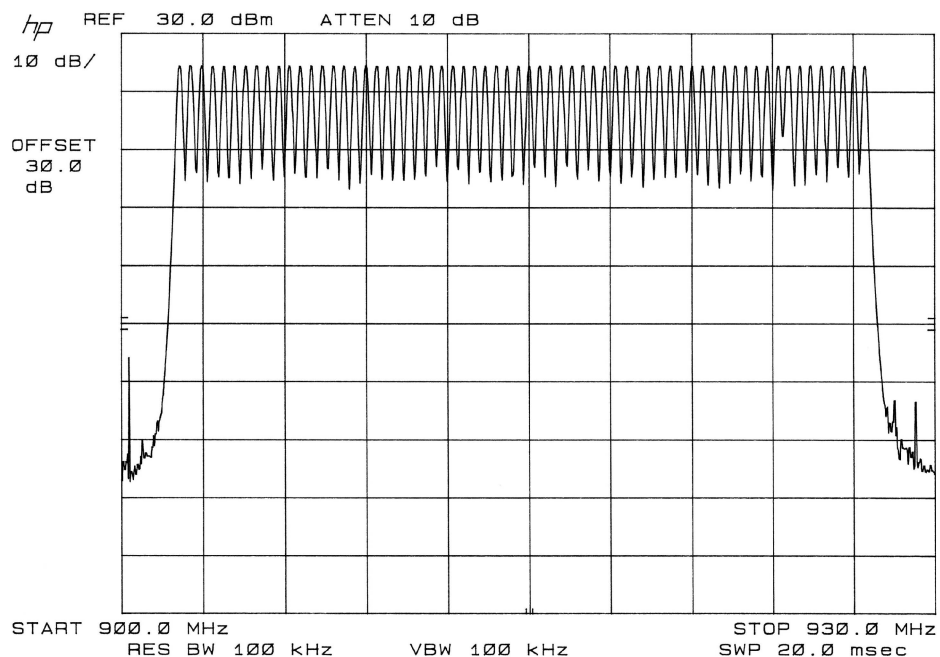
		5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		Channel Separation	
DNB Job Number:	58090	Date:	15 Dec 2004	Conformance Standard FCC Part 15 Clause 15.247(a,1)	
Customer:	ConectiSys Corp. Inc				
Model Number:	HNET 5.0-BS	Serial Number:	Proto		
Description:	Wireless Power Usage Monitoring System			Clause 15.247(a,1)	
Environmental Conditions					
Ambient Temperature		Relative Humidity		Barometric Pressure	
22 °C		55 %		101.8 kPa	
EUT performed within the requirements of the applicable standard ☒ Yes ☐ No <i>Tom Elders</i>					
Hopping Channel	Hopping Channel	Delta	Limit	Pass/Fail	
32	33	402 kHz	386 kHz	Pass	



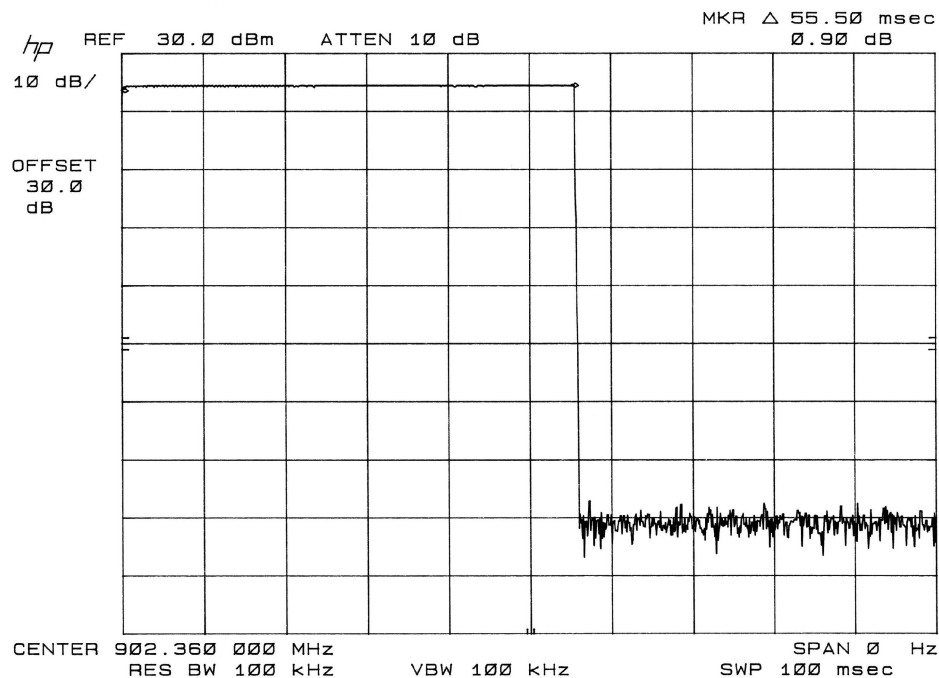
		5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		Channel Separation	
DNB Job Number:		58090		Date: 15 Dec 2004	
Customer:		ConectiSys Corp. Inc			
Model Number:		HNET 5.0-BS		Serial Number: Proto	
Description:		Wireless Power Usage Monitoring System			
Environmental Conditions					
Ambient Temperature		Relative Humidity		Barometric Pressure	
22 °C		55 %		101.8 kPa	
EUT performed within the requirements of the applicable standard ☒ Yes ☐ No <i>Tom Elders</i>					
Hopping Channel	Hopping Channel	Delta	Limit	Pass/Fail	
63	64	402 kHz	386 kHz	Pass	



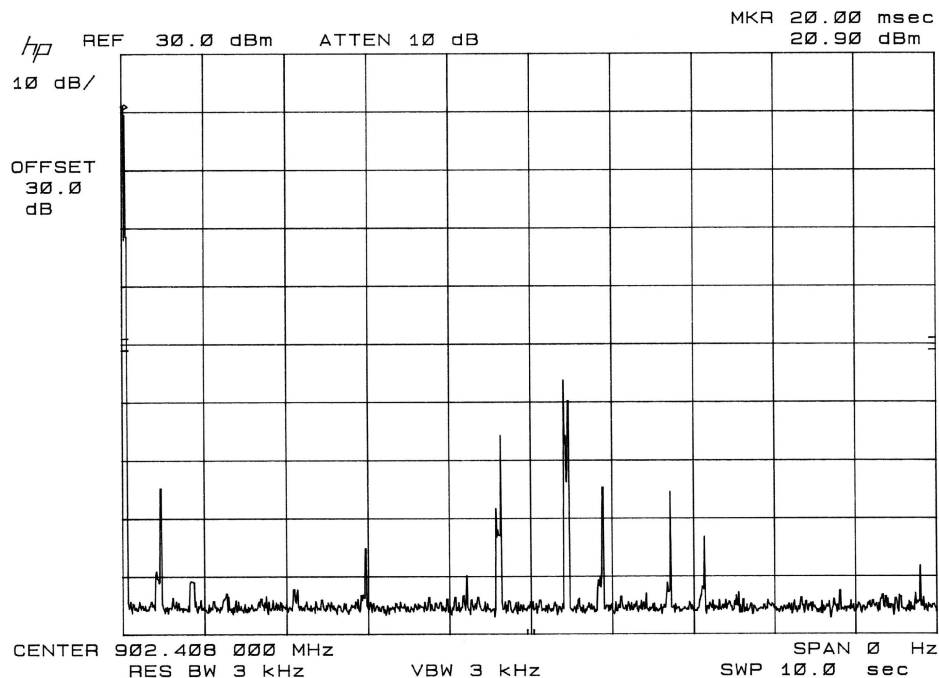
		5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		Hopping Channels	
DNB Job Number:		58090		Date: 15 Dec 2004	
Customer:		ConectiSys Corp. Inc			
Model Number:		HNET 5.0-BS		Serial Number: Proto	
Description:		Wireless Power Usage Monitoring System			
Environmental Conditions					
Ambient Temperature		Relative Humidity		Barometric Pressure	
22 °C		55 %		101.8 kPa	
EUT performed within the requirements of the applicable standard ☒ Yes ☐ No <i>Tom Elders</i>					
Center Frequency	Frequency Span	Hopping Channels	Min Limit	Pass/Fail	
915.000 MHz	30.000 MHz	64	25	Pass	



		5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		Max Time on Channel Freq	
DNB Job Number:	58090	Date:	15 Dec 2004	Conformance Standard FCC Part 15 Clause 15.247(a,1,i)	
Customer:	ConectiSys Corp. Inc				
Model Number:	HNET 5.0-BS	Serial Number:	Proto		
Description:	Wireless Power Usage Monitoring System			Clause 15.247(a,1,i)	
Environmental Conditions					
Ambient Temperature		Relative Humidity		Barometric Pressure	
22 °C		55 %		101.8 kPa	
EUT performed within the requirements of the applicable standard ☒ Yes ☐ No <i>Tom Elders</i>					
Center Freq Ch1	On Duration	Time to Next Channel	Allowed On Time	Pass/Fail	
902.360 MHz	0.0555 Sec	0.400 Sec	0.4 Sec / 10 Sec	Pass	



		5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		Max Time on Channel Freq	
DNB Job Number:	58090	Date:	15 Dec 2004	Conformance Standard FCC Part 15 Clause 15.247(a,1,i)	
Customer:	ConectiSys Corp. Inc				
Model Number:	HNET 5.0-BS	Serial Number:	Proto		
Description:	Wireless Power Usage Monitoring System				
Environmental Conditions					
Ambient Temperature		Relative Humidity		Barometric Pressure	
22 °C		55 %		101.8 kPa	
EUT performed within the requirements of the applicable standard ☒ Yes ☐ No <i>Tom Elders</i>					
Center Freq Chl	On Duration	Allowed On Time		Pass/Fail	
902.360 MHz	0.0555 Sec	0.4 Sec / 10 Sec		Pass	



	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704	Hopping Sequence	
DNB Job Number:	58090	Date:	15 Dec 2004
Customer:	ConectiSys Corp. Inc	M/N:	HNET 5.0-BS
Description:	Wireless Power Usage Monitoring System	S/N:	Proto

Hopping sequence is software controlled with the following parameters:

- .0555 sec on time per channel
- .4000 sec dwell time between channel
- 64 Total channels

The worst case timing scenario would be the following theoretical example.

Channel “X” activates as the last channel of Pattern “A” and the first channel of Pattern “B” and the first channel of Pattern “C”.

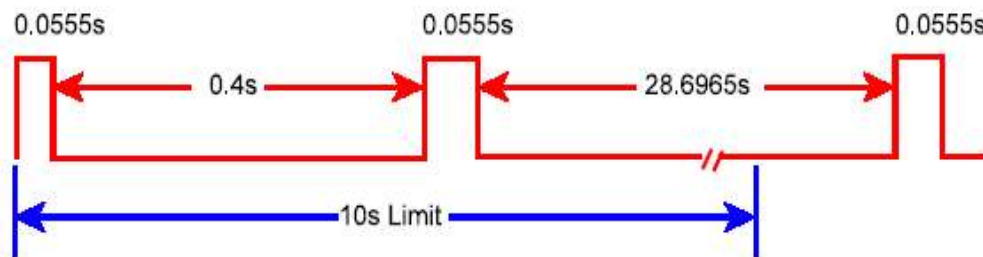
Channel “X” has an on time of 0.0555 seconds

Dwell time before next channel is activate is 0.400 seconds

Total time per pattern is 64 channels + 64 dwell times or 3.552 seconds + 25.6 seconds or 29.152 seconds.

Therefore Channel X could be on for 0.555 seconds off for 0.400 seconds on for 0.555 seconds and the off for 28.6965 seconds.

By calculation the maximum on time in any 10 seconds window is 0.111 seconds



				5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704							Hopping Sequence						
DNB Job Number:				58090										Date:		15 Dec 2004	
Customer:				ConectiSys Corp. Inc										M/N:		HNET 5.0-BS	
Description:				Wireless Power Usage Monitoring System										S/N:		Proto	
Frequency Hopping Channels and patterns - Hops from top to bottom																	
Chl #	Frequency in MHz																
	Pattern																
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
16	908.40	908.43	908.45	908.48	908.50	908.53	908.55	908.58	908.60	908.63	908.65	908.68	908.70	908.73	908.75	908.78	
37	916.80	916.83	916.85	916.88	916.90	916.93	916.95	916.98	917.00	917.03	917.05	917.08	917.10	917.13	917.15	917.18	
21	910.40	910.43	910.45	910.48	910.50	910.53	910.55	910.58	910.60	910.63	910.65	910.68	910.70	910.73	910.75	910.78	
3	903.20	903.23	903.25	903.28	903.30	903.33	903.35	903.38	903.40	903.43	903.45	903.48	903.50	903.53	903.55	903.58	
5	904.00	904.03	904.05	904.08	904.10	904.13	904.15	904.18	904.20	904.23	904.25	904.28	904.30	904.33	904.35	904.38	
64	927.60	927.63	927.65	927.68	927.70	927.73	927.75	927.78	927.80	927.83	927.85	927.88	927.90	927.93	927.95	927.98	
1	902.40	902.43	902.45	902.48	902.50	902.53	902.55	902.58	902.60	902.63	902.65	902.68	902.70	902.73	902.75	902.78	
8	905.20	905.23	905.25	905.28	905.30	905.33	905.35	905.38	905.40	905.43	905.45	905.48	905.50	905.53	905.55	905.58	
49	921.60	921.63	921.65	921.68	921.70	921.73	921.75	921.78	921.80	921.83	921.85	921.88	921.90	921.93	921.95	921.98	
31	914.40	914.43	914.45	914.48	914.50	914.53	914.55	914.58	914.60	914.63	914.65	914.68	914.70	914.73	914.75	914.78	
59	925.60	925.63	925.65	925.68	925.70	925.73	925.75	925.78	925.80	925.83	925.85	925.88	925.90	925.93	925.95	925.98	
26	912.40	912.43	912.45	912.48	912.50	912.53	912.55	912.58	912.60	912.63	912.65	912.68	912.70	912.73	912.75	912.78	
54	923.60	923.63	923.65	923.68	923.70	923.73	923.75	923.78	923.80	923.83	923.85	923.88	923.90	923.93	923.95	923.98	
15	908.00	908.03	908.05	908.08	908.10	908.13	908.15	908.18	908.20	908.23	908.25	908.28	908.30	908.33	908.35	908.38	
40	918.00	918.03	918.05	918.08	918.10	918.13	918.15	918.18	918.20	918.23	918.25	918.28	918.30	918.33	918.35	918.38	
62	926.80	926.83	926.85	926.88	926.90	926.93	926.95	926.98	927.00	927.03	927.05	927.08	927.10	927.13	927.15	927.18	
24	911.60	911.63	911.65	911.68	911.70	911.73	911.75	911.78	911.80	911.83	911.85	911.88	911.90	911.93	911.95	911.98	
4	903.60	903.63	903.65	903.68	903.70	903.73	903.75	903.78	903.80	903.83	903.85	903.88	903.90	903.93	903.95	903.98	
42	918.80	918.83	918.85	918.88	918.90	918.93	918.95	918.98	919.00	919.03	919.05	919.08	919.10	919.13	919.15	919.18	
2	902.80	902.83	902.85	902.88	902.90	902.93	902.95	902.98	903.00	903.03	903.05	903.08	903.10	903.13	903.15	903.18	
9	905.60	905.63	905.65	905.68	905.70	905.73	905.75	905.78	905.80	905.83	905.85	905.88	905.90	905.93	905.95	905.98	
56	924.40	924.43	924.45	924.48	924.50	924.53	924.55	924.58	924.60	924.63	924.65	924.68	924.70	924.73	924.75	924.78	
11	906.40	906.43	906.45	906.48	906.50	906.53	906.55	906.58	906.60	906.63	906.65	906.68	906.70	906.73	906.75	906.78	
14	907.60	907.63	907.65	907.68	907.70	907.73	907.75	907.78	907.80	907.83	907.85	907.88	907.90	907.93	907.95	907.98	
38	917.20	917.23	917.25	917.28	917.30	917.33	917.35	917.38	917.40	917.43	917.45	917.48	917.50	917.53	917.55	917.58	
60	926.00	926.03	926.05	926.08	926.10	926.13	926.15	926.18	926.20	926.23	926.25	926.28	926.30	926.33	926.35	926.38	
47	920.80	920.83	920.85	920.88	920.90	920.93	920.95	920.98	921.00	921.03	921.05	921.08	921.10	921.13	921.15	921.18	
39	917.60	917.63	917.65	917.68	917.70	917.73	917.75	917.78	917.80	917.83	917.85	917.88	917.90	917.93	917.95	917.98	
48	921.20	921.23	921.25	921.28	921.30	921.33	921.35	921.38	921.40	921.43	921.45	921.48	921.50	921.53	921.55	921.58	
63	927.20	927.23	927.25	927.28	927.30	927.33	927.35	927.38	927.40	927.43	927.45	927.48	927.50	927.53	927.55	927.58	
17	908.80	908.83	908.85	908.88	908.90	908.93	908.95	908.98	909.00	909.03	909.05	909.08	909.10	909.13	909.15	909.18	
50	922.00	922.03	922.05	922.08	922.10	922.13	922.15	922.18	922.20	922.23	922.25	922.28	922.30	922.33	922.35	922.38	
29	913.60	913.63	913.65	913.68	913.70	913.73	913.75	913.78	913.80	913.83	913.85	913.88	913.90	913.93	913.95	913.98	
43	919.20	919.23	919.25	919.28	919.30	919.33	919.35	919.38	919.40	919.43	919.45	919.48	919.50	919.53	919.55	919.58	
19	909.60	909.63	909.65	909.68	909.70	909.73	909.75	909.78	909.80	909.83	909.85	909.88	909.90	909.93	909.95	909.98	
33	915.20	915.23	915.25	915.28	915.30	915.33	915.35	915.38	915.40	915.43	915.45	915.48	915.50	915.53	915.55	915.58	
41	918.40	918.43	918.45	918.48	918.50	918.53	918.55	918.58	918.60	918.63	918.65	918.68	918.70	918.73	918.75	918.78	
22	910.80	910.83	910.85	910.88	910.90	910.93	910.95	910.98	911.00	911.03	911.05	911.08	911.10	911.13	911.15	911.18	
6	904.40	904.43	904.45	904.48	904.50	904.53	904.55	904.58	904.60	904.63	904.65	904.68	904.70	904.73	904.75	904.78	
61	926.40	926.43	926.45	926.48	926.50	926.53	926.55	926.58	926.60	926.63	926.65	926.68	926.70	926.73	926.75	926.78	
57	924.80	924.83	924.85	924.88	924.90	924.93	924.95	924.98	925.00	925.03	925.05	925.08	925.10	925.13	925.15	925.18	



5969 Robinson Avenue
Riverside, CA 92503
(951) 637-2630
FAX (951) 637-2704

Hopping Sequence

DNB Job Number:				58090									Date:		15 Dec 2004		
Customer:				ConectiSys Corp. Inc									M/N:		HNET 5.0-BS		
Description:				Wireless Power Usage Monitoring System									S/N:		Proto		
Frequency Hopping Channels and patterns - Hops from top to bottom																	
ChI #	Frequency in MHz																
	Pattern																
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
27	912.80	912.83	912.85	912.88	912.90	912.93	912.95	912.98	913.00	913.03	913.05	913.08	913.10	913.13	913.15	913.18	
20	910.00	910.03	910.05	910.08	910.10	910.13	910.15	910.18	910.20	910.23	910.25	910.28	910.30	910.33	910.35	910.38	
51	922.40	922.43	922.45	922.48	922.50	922.53	922.55	922.58	922.60	922.63	922.65	922.68	922.70	922.73	922.75	922.78	
36	916.40	916.43	916.45	916.48	916.50	916.53	916.55	916.58	916.60	916.63	916.65	916.68	916.70	916.73	916.75	916.78	
34	915.60	915.63	915.65	915.68	915.70	915.73	915.75	915.78	915.80	915.83	915.85	915.88	915.90	915.93	915.95	915.98	
52	922.80	922.83	922.85	922.88	922.90	922.93	922.95	922.98	923.00	923.03	923.05	923.08	923.10	923.13	923.15	923.18	
25	912.00	912.03	912.05	912.08	912.10	912.13	912.15	912.18	912.20	912.23	912.25	912.28	912.30	912.33	912.35	912.38	
23	911.20	911.23	911.25	911.28	911.30	911.33	911.35	911.38	911.40	911.43	911.45	911.48	911.50	911.53	911.55	911.58	
10	906.00	906.03	906.05	906.08	906.10	906.13	906.15	906.18	906.20	906.23	906.25	906.28	906.30	906.33	906.35	906.38	
7	904.80	904.83	904.85	904.88	904.90	904.93	904.95	904.98	905.00	905.03	905.05	905.08	905.10	905.13	905.15	905.18	
12	906.80	906.83	906.85	906.88	906.90	906.93	906.95	906.98	907.00	907.03	907.05	907.08	907.10	907.13	907.15	907.18	
46	920.40	920.43	920.45	920.48	920.50	920.53	920.55	920.58	920.60	920.63	920.65	920.68	920.70	920.73	920.75	920.78	
58	925.20	925.23	925.25	925.28	925.30	925.33	925.35	925.38	925.40	925.43	925.45	925.48	925.50	925.53	925.55	925.58	
45	920.00	920.03	920.05	920.08	920.10	920.13	920.15	920.18	920.20	920.23	920.25	920.28	920.30	920.33	920.35	920.38	
18	909.20	909.23	909.25	909.28	909.30	909.33	909.35	909.38	909.40	909.43	909.45	909.48	909.50	909.53	909.55	909.58	
55	924.00	924.03	924.05	924.08	924.10	924.13	924.15	924.18	924.20	924.23	924.25	924.28	924.30	924.33	924.35	924.38	
13	907.20	907.23	907.25	907.28	907.30	907.33	907.35	907.38	907.40	907.43	907.45	907.48	907.50	907.53	907.55	907.58	
30	914.00	914.03	914.05	914.08	914.10	914.13	914.15	914.18	914.20	914.23	914.25	914.28	914.30	914.33	914.35	914.38	
53	923.20	923.23	923.25	923.28	923.30	923.33	923.35	923.38	923.40	923.43	923.45	923.48	923.50	923.53	923.55	923.58	
32	914.80	914.83	914.85	914.88	914.90	914.93	914.95	914.98	915.00	915.03	915.05	915.08	915.10	915.13	915.15	915.18	
28	913.20	913.23	913.25	913.28	913.30	913.33	913.35	913.38	913.40	913.43	913.45	913.48	913.50	913.53	913.55	913.58	
44	919.60	919.63	919.65	919.68	919.70	919.73	919.75	919.78	919.80	919.83	919.85	919.88	919.90	919.93	919.95	919.98	
35	916.00	916.03	916.05	916.08	916.10	916.13	916.15	916.18	916.20	916.23	916.25	916.28	916.30	916.33	916.35	916.38	

15.247 (b,2) Maximum Peak Output Power (Conducted)

Test Procedure:

The transmitter output was connected to a spectrum analyzer.

Requirement: The maximum peak output power shall not exceed 1W (30dBm)

EUT operating conditions:

The software provided by the client to enable the EUT to hop stop on the applicable channel and transmit.

Test Set Up:

