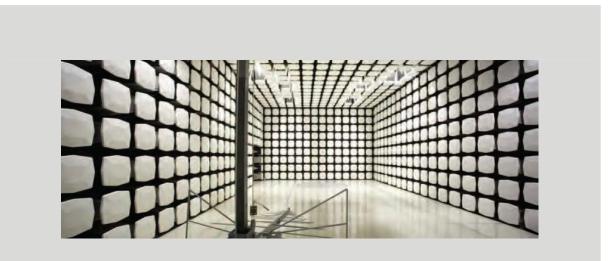


Digi International Sigma Pumps Integrated 802.11abg Module Tested to the following DFS Specifications:

FCC 15.407: 2010 RSS-210 Issue 7: 2007 EN 301 893 V1.5.1:2008

Report #: DGII0053.4



Report Prepared By Northwest EMC Inc.

NORTHWEST EMC - (888) 364-2378 - www.nwemc.com

California – Minnesota – Oregon – New York – Washington



Certificate of Test Last Date of Test: May 23, 2012 Digi International Model: Sigma Pumps Integrated 802.11abg Module

Emissions			
Test Description	Specification	Test Method	Pass/Fail
	FCC 15.407:2012	FCC 06-96:2006	Pass
Move Time	RSS-210:2010	RSS-210:2010	Pass
	EN 301 893 V1.5.1:2008	EN 301 893 V1.5.1:2008	Pass
	FCC 15.407:2012	FCC 06-96:2006	Pass
Closing Time	RSS-210:2010	RSS-210:2010	Pass
	EN 301 893 V1.5.1:2008	EN 301 893 V1.5.1:2008	Pass
	FCC 15.407:2012	FCC 06-96:2006	Pass
Non Occupancy Period	RSS-210:2010	RSS-210:2010	Pass
	EN 301 893 V1.5.1:2008	EN 301 893 V1.5.1:2008	Pass

Deviations From Test Standards

None

Approved By:

Greg Kiemel, Director of Engineering



NVLAP Lab Code: 200881-0

Test Facility

The measurement facility used to collect the data is located at:

Northwest EMC, Inc. 9349 W Broadway Ave. Brooklyn Park, MN 55445

Phone: (763) 425-2281 Fax: (763) 424-3469

This site has been fully described in a report filed with and accepted by the FCC (Federal Communications Commission) and Industry Canada (Site filing #2834E-1).

This report must not be used to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government of the United States of America.

Product compliance is the responsibility of the client, therefore the tests and equipment modes of operation represented in this report were agreed upon by the client, prior to testing. This Report may only be duplicated in its entirety. The results of this test pertain only to the sample(s) tested. The specific description is noted in each of the individual sections of the test report supporting this certificate of test.



REVISION HISTORY

Revision Number	Description	Date	Page Number
00	None		



ACCREDITATIONS AND AUTHORIZATIONS

United States

FCC - Designated by the FCC as a Telecommunications Certification Body (TCB). Certification chambers, Open Area Test Sites, and conducted measurement facilities are listed with the FCC.

A2LA - Accredited by A2LA to ISO / IEC Guide 65 as a product certifier. This allows Northwest EMC to certify transmitters to FCC and IC specifications.

NVLAP - Each laboratory is accredited by NVLAP to ISO 17025

Canada

IC - Recognized by Industry Canada as a Certification Body (CB). Certification chambers and Open Area Test Sites are filed with IC.

European Union

European Commission – Validated by the European Commission as a Conformity Assessment Body (CAB) under the EMC directive and as a Notified Body under the R&TTE Directive.

Australia/New Zealand

ACMA - Recognized by ACMA as a CAB for the acceptance of test data.

Korea

KCC / RRA - Recognized by KCC's RRA as a CAB for the acceptance of test data.

Japan

VCCI - Associate Member of the VCCI. Conducted and radiated measurement facilities are registered.

Taiwan

BSMI – Recognized by BSMI as a CAB for the acceptance of test data.

NCC - Recognized by NCC as a CAB for the acceptance of test data.

Singapore

IDA – Recognized by IDA as a CAB for the acceptance of test data.

Hong Kong

OFTA - Recognized by OFTA as a CAB for the acceptance of test data.

Vietnam

MIC – Recognized by MIC as a CAB for the acceptance of test data.

Russia

GOST – Accredited by Certinform VNIINMASH, CERTINFO, SAMTES, and Federal CHEC to perform EMC and Hygienic testing for Information Technology products to GOST standards.

SCOPE

For details on the Scopes of our Accreditations, please visit: http://www.nwemc.com/accreditations/



LOCATIONS



Oregon Labs EV01-EV12 22975 NW Evergreen Pkwy, #400 Hillsboro, OR 97124 (503) 844-4066	California Labs OC01-OC13 41 Tesla Irvine, CA 92618 (949) 861-8918	New York Labs WA01-WA04 4939 Jordan Rd. Elbridge, NY 13060 (315) 685-0796	Minnesota Labs MN01-MN08 9349 W Broadway Ave. Brooklyn Park, MN 55445 (763) 425-2281	Washington Labs SU01-SU07 14128 339 th Ave. SE Sultan, WA 98294 (360) 793-8675		
VCCI						
EV01: C-1071, R-1025, G-84 EV07: C-2687, T-1658 EV11: R-2318	OC06: C-2766, T-1659 OC07: G-548 OC08: R-1943, G-85 OC10: A-0029		MN03: C-3464, T-1634 MN04: R-3125 MN05: G-141	SU01: C-3265, T-1511 SU02: R-871, G-83		
Industry Canada						
2834D-1, 2834D-2	2834B-1, 2834B-2, 2834B-3		2834E-1	2834C-1		









Client and Equipment Under Test (EUT) Information

Company Name:	Digi International
Address:	11001 Bren Road East
City, State, Zip:	Minnetonka, MN 55343
Test Requested By:	Slava Gekht
Model:	Sigma Pumps Integrated 802.11abg Module
First Date of Test:	May 23, 2012
Last Date of Test:	May 23, 2012
Receipt Date of Samples:	March 14, 2012
Equipment Design Stage:	Prototype
Equipment Condition:	No Damage

Information Provided by the Party Requesting the Test

Functional Description of the EUT (Equipment Under Test):

Sigma Pumps Integrated 802.11abg Module that consists of a microprocessor capable of running custom applications, a Wi-Fi (IEEE 802.11abg) discrete design operating in the 2.4 GHz and 5 GHz bands.

Hardware, Firmware, and OS Versions:

Hardware version: 30012422-07 RevA1 Firmware version: 82002844_1P

OS versions: N/A

The operating frequency range(s) of the equipment.

2412 – 2462 MHz 5180 – 5240 MHz 5260 – 5320 MHz (DFS Band) 5500 – 5700 MHz (DFS Band) 5745 – 5825 MHz

The operating modes (Master and/or Client) of the U-NII device.

Client device with no radar detection and no ad-hoc capability

For Client devices, indicate whether or not it has DFS capabilities and indicate the FCC (and IC) identifier for the Master U-NII Device that is used with it for DFS testing.

The client device has no radar detection and no ad-hoc capability. A DFS-compliant Master device was used for testing. It's the CISCO Model AIR-AP1252AG-A-K9, FCC ID: LDK102061, IC: 2461B-102061.

List the highest and the lowest possible power level (equivalent isotropic radiated power (EIRP) of the equipment.

The maximum EIRP of the 5 GHz equipment is 17.8 dBm, and the minimum EIRP is 14.1 dBm.



Test sequences or messages that should be used for communication between Master and Client Devices, which are used for loading the Channel.

- 1. Stream the test file from the Master Device to the Client Device for IP based systems or frame based systems which dynamically allocate the talk/listen ratio.
- 2. For frame based systems with fixed talk/listen ratio, set the ratio to 45%/55% and stream the test file from the Master to the Client.
- For other system architectures, supply appropriate Channel loading methodology.
 An alternate method was used to load the channel since the device cannot and is not intended to stream video:
- 1. A brief description of the device
 - a. The EUT is an UNII client device with no radar detection and no ad-hoc capability. The device is a medical system running a closed operating system and does not support the NTIA specified codec and video format (reference: <u>http://ntiacsd.ntia.doc.gov/dfs/</u>) because external devices cannot connect to the EUT and stream directly from system like a typical pc.
- 2. The reason you cannot stream the NTIA MPG or Wav File
 - a. The medical device's operating system does not support the NTIA specified V2.61 codec and is not meant for audio or video streaming. To use the media file specified by the NTIA would require a significant software effort to modify the EUT's system and since the device is typically used for logging medical data and transferring it to a host this application would not be applicable in most cases.
- 3. A description on how you propose to do the data streaming
 - a. During DFS testing, the NTIA test video was copied from a PC connected to the master device via FTP protocol to memory storage on the client device.
- 4. An estimate of the percentage of channel loading. Explain how you derived this estimate
 - a. Channel loading was measured with the use of a spectrum analyzer using a method outlined in ETSI 301 893 section 5.1.2.2: 2008. Data packets were measured over time at 2mS, 100mS, and 30seconds. This was done to show a consistent amount of data being transmitted and received. The width of each data packet in a 2mS windows is about .420mS. On average there are about 4 pulses in each 2mS window, which amounts to roughly 1.68mS of data packets total over 2mS. This transmission remains consistent across 100mS and 30 second windows, so the average channel loading is at least 50%

Transmit Power Control description.

This device does not exceed 27 dBm EIRP, so no transmit power control is implemented

System architectures, data rates, U-NII Channel bandwidths.

1. Indicate the type(s) of system architecture (e.g. IP based or Frame based) that the U-NII device employs. Each type of unique architecture must be tested.

IP Based

The time required for the Master Device and/or Client Device to complete its power-on cycle.

The Master device used in the test system requires 1.44 minutes to complete its power-on cycle. The client device (EUT) does not have radar detection, so its power-on time is not applicable, but was measured to be 49 seconds.



Manufacturer statement confirming that information regarding the parameters of the detected Radar Waveforms is not available to the end user.

The client device (EUT) does not have radar detection, so the parameters of the Radar Waveforms are not available to the end user.

Uniform Channel Spreading requirement for Master Devices. For Master Devices, indicate how the master provides, on aggregate, uniform Channel loading of the spectrum across all Channels. The client device (EUT) does not have radar detection, so this requirement is not applicable.



List all antenna assemblies and their corresponding gains.

- 1. If radiated tests are to be performed, the U-NII Device should be tested with the lowest gain antenna assembly (regardless of antenna type). The report should indicate which antenna assembly was used for the tests. For devices with adjustable output power, list the output power range and the maximum EIRP for each antenna assembly.
- 2. If conducted tests are to be performed, indicate which antenna port/connection was used for the tests and the antenna assembly gain that was used to set the DFS Detection Threshold level during calibration of the test setup.
 - a. Indicate the calibrated conducted DFS Detection Threshold level.
 - b. For devices with adjustable output power, list the output power range and the maximum EIRP for each antenna assembly.
 - c. Indicate the antenna connector impedance. Ensure that the measurement instruments match (usually 50 Ohms) or use a minimum loss pad and take into account the conversion loss.
- 3. Antenna gain measurement verification for tested antenna.
 - a. Describe procedure
 - b. Describe the antenna configuration and how it is mounted
 - **c.** If an antenna cable is supplied with the device, cable loss needs to be taken into account. Indicate the maximum cable length and either measure the gain with this cable or adjust the measured gain accordingly. State the cable loss

The client device (EUT) has only one type of transmit port use for the 5Ghz bands. The second antenna is used for the 2.4GHz band. A radiated DFS test was performed using the client device's only antenna type which is attached to a 50 Ohm impedance port.

The antenna gain of the client device was measured by SATAMO in Atlanta, Georgia. There measurement system is traceable to NISTstandards

Antenna Information:

Manufacturer:Digi InternationalModel number:3100003-01Gain:0db at 2.4 GHz and 3.5 dB at 5.5 GHzType:BALANCED elliptical DUAL-BAND Integral PCB EMBEDDED ANTENNA detailed in
PT0977.196_us1



Configurations

Configuration 1 DGII0053

EUT			
Description	Manufacturer	Model/Part Number	Serial Number
802.11abg Module	Digi International	30012522-07 Rev A	7.06

Peripherals in test setup boundary							
Description	Description Manufacturer Model/Part Number Serial Number						
Power Supply	GlobTek	GT-41060-2512	3509				
Dev Board	Digi International	None	2.01				

Remote Equipment Outside of Test Setup Boundary						
Description Manufacturer Model/Part Number Serial Number						
Laptop	HP	NC6320	CNU7062VS5			
Laptop Supply	HP	PPP014L-S	8454846603			

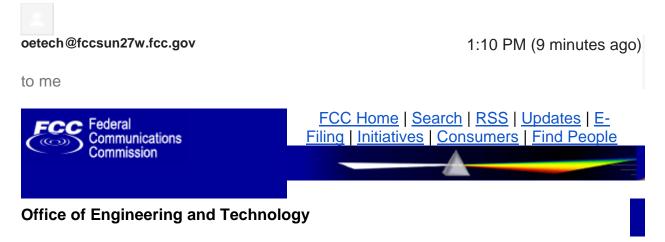
Cables						
Cable Type	Shield	Length (m)	Ferrite	Connection 1	Connection 2	
AC Power	No	2.4m	No	Power Supply	AC Mains	
DC Power	No	1.8m	Yes	802.11abg Module	Power Supply	
AC Power	No	1.8m	No	Laptop Supply	AC Mains	
DC Power	No	1.8m	Yes	Laptop	Laptop Supply	
Serial	Yes	> 3.0m	No	802.11abg Module	Laptop	
PA = Cable is permanently attached to the device. Shielding and/or presence of ferrite may be unknown.						



Equipment Modifications

Item	Date	Test	Modification	Note	Disposition of EUT
			Tested as	No EMI suppression	EUT remained at
1	5/23/2012	Move Time	delivered to	devices were added or	Northwest EMC
			Test Station.	modified during this test.	following the test.
			Tested as	No EMI suppression	EUT remained at
2	5/23/2012	Closing Time	delivered to	devices were added or	Northwest EMC
		_	Test Station.	modified during this test.	following the test.
		Non	Tested as	No EMI suppression	Scheduled testing
3	5/23/2012	Occupancy	delivered to	devices were added or	was completed.
		Period	Test Station.	modified during this test.	was completed.

Response to Inquiry to FCC (Tracking Number 140278)



Inquiry on 05/28/2012 :

Inquiry:

Attached is a proposal for an alternative channel loading method that is used during the DFS testing of a client device.

Please review and approve.

FCC response on 05/29/2012

The FCC approves your alternative streaming proposal for the client device. Please be sure to reference the KDB number in the application and include your proposal as an exhibit.

Attachment Details:

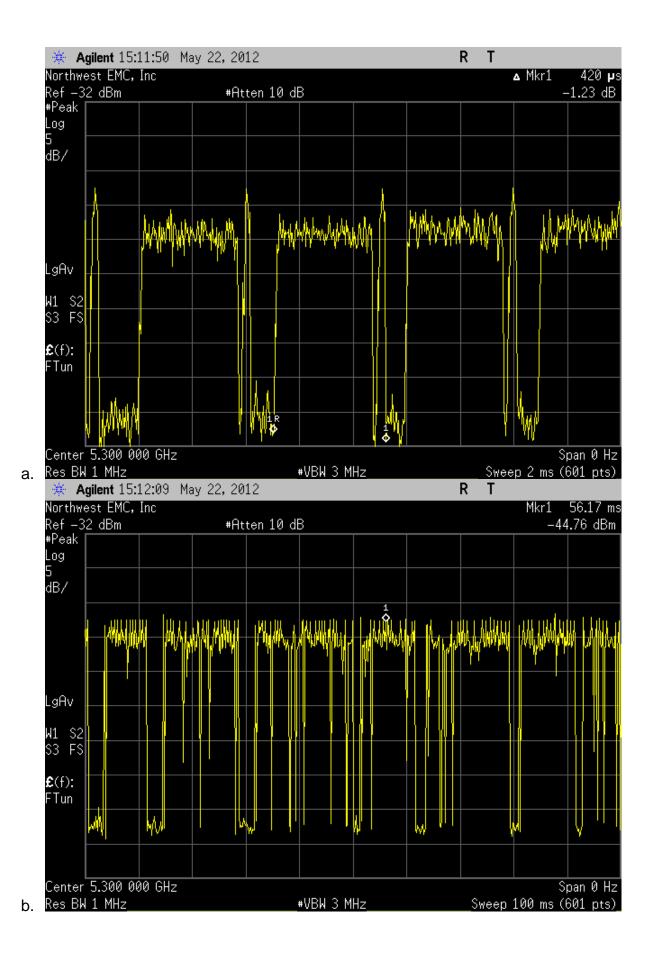
Do not reply to this message. Please select the <u>Reply to an Inquiry Response</u> link from the OET Inquiry System to add any additional information pertaining to this inquiry.

Proposal for an Alternative Streaming Method

FCC ID: MCQ-50M1768

Submitted by Northwest EMC, Inc.

- 1. A brief description of the device
 - a. The EUT is an UNII client device with no radar detection and no adhoc capability. The device is a medical system running a closed operating system and does not support the NTIA specified codec and video format (reference: <u>http://ntiacsd.ntia.doc.gov/dfs/</u>) because external devices cannot connect to the EUT and stream directly from system like a typical pc. .
- 2. The reason you cannot stream the NTIA MPG or Wav File
 - a. The medical device's operating system does not support the NTIA specified V2.61 codec and is not meant for audio or video streaming. To use the media file specified by the NTIA would require a significant software effort to modify the EUT's system and since the device is typically used for logging medical data and transferring it to a host this application would not be applicable in most cases.
- 3. A description on how you propose to do the data streaming
 - a. During DFS testing, the NTIA test video was copied from a PC connected to the master device via FTP protocol to memory storage on the client device.
- 4. An estimate of the percentage of channel loading. Explain how you derived this estimate
 - a. Channel loading was measured with the use of a spectrum analyzer using a method outlined in ETSI 301 893 section 5.1.2.2: 2008. Data packets were measured over time at 2mS, 100mS, and 30seconds. This was done to show a consistent amount of data being transmitted and received. The width of each data packet in a 2mS windows is about .420mS. On average there are about 4 pulses in each 2mS window, which amounts to roughly 1.68mS of data packets total over 2mS. This transmission remains consistent across 100mS and 30 second windows, so the average channel loading is at least 50%
- 5. Timing plots



			ay 22, 20	12				R T	•		
Northwest Ref —32 (Inc	#At	ten 10 di	3					Mkr1 -42	16.85 s 2.64 dBm
#Peak											
5 – dB/ –		l				1					
My	WWW V	Marth	at www.	MM	MMM	NMAR.M	honishan	ultimur	N.	VMIL.Mush	rathla
LgAv _											
W1 S2											
S3 FS											
£(f): FTun											
Center 5. Res BW 1)0 GHz			₩VBW 3 M	Hz		S	wee	S) p 30 s (6	pan 0 Hz 301 pts)

Please confirm that this channel loading method is acceptable. Your attention to this matter is greatly appreciated.

Best Regards,

Greg Kiemel, Director of Engineering Northwest EMC, Inc. 22975 NW Evergreen Parkway, Suite 400 Hillsboro, OR 97214 Main: 888-364-2378 Fax: 503-844-3826 www.nwemc.com email: gkiemel@nwemc.com



Testing was performed using the mode(s) of operation and configuration(s) noted within the report. The individuals and/or the organization requesting the test provided the modes, configurations and settings used to complete the evaluation. The actual test parameters are specified in the test data, this includes items such as investigated frequency range (scanned) and test levels. The testing methods and performance specifications, as well as the test site used for the evaluation are indicated in the test data.

TEST EQUIPMENT

Description	Manufacturer	Model	ID	Last Cal.	Interval
Antenna, Horn	EMCO	3115	AHB	3/8/2011	24
Antenna, Horn	EMCO	3115	AHA	8/24/2011	24
Spectrum Analyzer	Agilent	E4440A	AFA	5/9/2011	13
RF Vector Signal Generator	Agilent	V2920A	TIC	10/27/2010	24

MEASUREMENT UNCERTAINTY

A measurement uncertainty estimation has been performed for each test per our internal quality document WP 342. The estimation is used to compare the measured result with its "true" or theoretically correct value. The expanded measurement uncertainty for radiated emissions measurements is less than +/- 4 dB, and for conducted emissions measurements is less than +/- 2.7 dB. Our measurement data meets or exceeds the measurement uncertainty requirements of CISPR 16-4; therefore, the test data can be compared directly to the specification limit to determine compliance. The calculations for measurement uncertainty are available upon request.

TEST DESCRIPTION

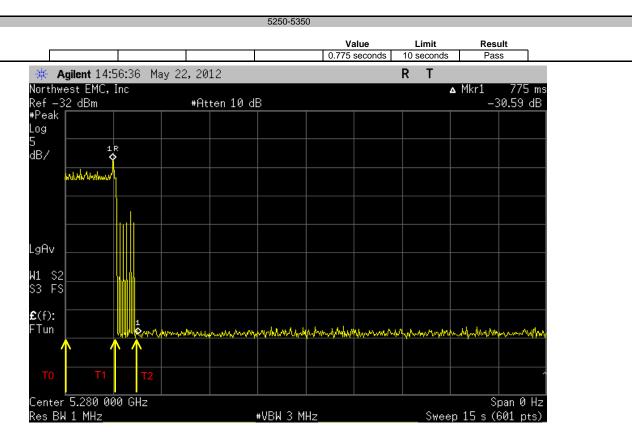
The test procedure described in Section 7.8 of KDB 905462 was followed to perform the following test. The UUT is a client device using IP based communication. The test was performed using the radiated method described in section 7.3 of the KDB document. After the MPEG file begins transferring across the Master and Client device, a radar burst is introduced and an analyzer is used to record the time it takes for the UUT to completely vacate the channel (data and/or control signals are completed). At time T0 on the screen capture, a radar type 1 signal is introduced, and at time T1, the channel move time is recorded until the move is complete at T2. The time from T1 to T2 is considered the total channel move time for the UUT. This test was performed in both DFS bands

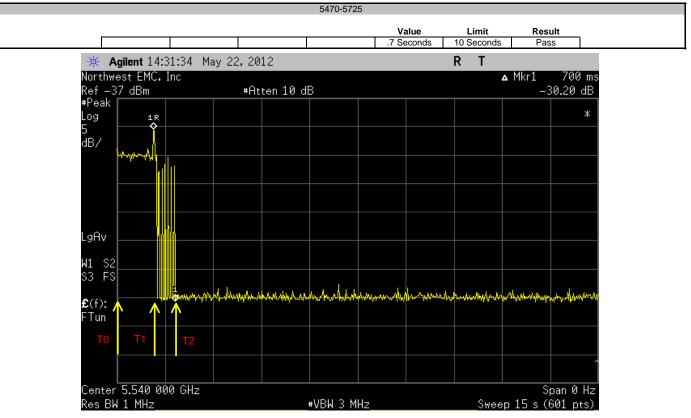


EUT:	Sigma Pumps Integrated	802.11abg Module		Work Order:	DGII0053	
Serial Number:	7.06	7.06			05/23/12	
Customer:	Digi International			Temperature:	24C°C	
Attendees:	None			Humidity:	40%	
Project:	None			Barometric Pres.:	1013	
Tested by:	Jeremiah Darden		Power: 110VAC/60Hz	Job Site:	OC11	
TEST SPECIFICATI	ONS		Test Method		·	
FCC 15.407:2012			FCC 06-96:2006			
COMMENTS						
None						
DEVIATIONS FROM	I TEST STANDARD					
None						
		5.00 · · ·	6			
Configuration #	1	2-1	ing Da			
-		Signature				
	•					
				Value	Limit	Result
5250-5350				0.775 seconds	10 seconds	Pass
5470-5725				.7 Seconds	10 Seconds	Pass



Move Time





ENC

Closing Time

Testing was performed using the mode(s) of operation and configuration(s) noted within the report. The individuals and/or the organization requesting the test provided the modes, configurations and settings used to complete the evaluation. The actual test parameters are specified in the test data, this includes items such as investigated frequency range (scanned) and test levels. The testing methods and performance specifications, as well as the test site used for the evaluation are indicated in the test data.

TEST EQUIPMENT

Description	Manufacturer	Model	ID	Last Cal.	Interval
Antenna, Horn	EMCO	3115	AHB	3/8/2011	24
Antenna, Horn	EMCO	3115	AHA	8/24/2011	24
Spectrum Analyzer	Agilent	E4440A	AFA	5/9/2011	13
RF Vector Signal Generator	Agilent	V2920A	TIC	10/27/2010	24

MEASUREMENT UNCERTAINTY

A measurement uncertainty estimation has been performed for each test per our internal quality document WP 342. The estimation is used to compare the measured result with its "true" or theoretically correct value. The expanded measurement uncertainty for radiated emissions measurements is less than +/- 4 dB, and for conducted emissions measurements is less than +/- 2.7 dB. Our measurement data meets or exceeds the measurement uncertainty requirements of CISPR 16-4; therefore, the test data can be compared directly to the specification limit to determine compliance. The calculations for measurement uncertainty are available upon request.

TEST DESCRIPTION

The test procedure described in Section 7.8 of KDB 905462 was followed to perform the following test. The UUT is a client device using IP based communication. The test was performed using the radiated method described in section 7.3 of the KDB document. Any signals produced after the allowed 200mS time period is calculated as an aggregate by adding the pulse width of all the pulses and adding them to them to 200mS. The total time was added together which equals the closing time. This test was performed for both DFS bands

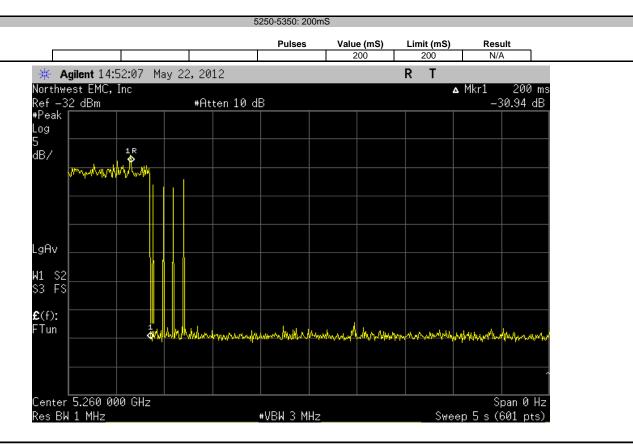


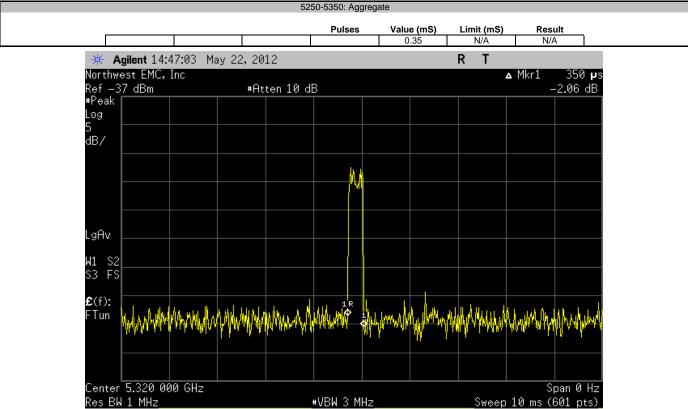
Closing Time

EUT: Sigma Pumps Integrated 802.11abg Module					Work Order:			
Serial Number: 7.06						05/23/12		
Customer: Digi International					Temperature: 23C°C			
Attendees: None					Humidity:			
Project: Non						Barometric Pres.:		
Tested by: Jere			Pov	ver: 110VAC/60Hz		Job Site:	OC11	
TEST SPECIFICATIONS	6			Test Method				
FCC 15.407:2012				FCC 06-96:2006				
COMMENTS								
None								
DEVIATIONS FROM TES	ST STANDARD							
DEVIATIONS FROM TES None	ST STANDARD							
None	ST STANDARD		, ¢					
	ST STANDARD		Jung Da					
None	ST STANDARD	Signature	Jung Da					
None	ST STANDARD	Signature	Jung Da		Bulace	Value (mS)	Limit (mC)	Booult
None Configuration #	ST STANDARD	Signature	Jung Da		Pulses	Value (mS)	Limit (mS)	Result
None Configuration # 5250-5350: 200mS	ST STANDARD	Signature	Jus Da		Puises NA	200	200	N/A
tone Configuration # 5250-5350: 200mS 5250-5350: Aggregate	ST STANDARD	Signature	Jung Da		N/A 4	200 0.35	200 N/A	N/A N/A
None Configuration # 5250-5350: 200mS 5250-5350: Aggregate 5470-5725: 200mS	ST STANDARD	Signature	Jung Da			200 0.35 200	200 N/A 200	N/A N/A N/A
None	ST STANDARD	Signature	Jus Da		N/A 4	200 0.35	200 N/A	N/A N/A
None Configuration # 5250-5350: 200mS 5250-5350: Aggregate 5470-5725: 200mS 5470-5725: Aggregate	ST STANDARD	Signature	Jung Die		N/A 4 N/A 4	200 0.35 200 0.35	200 N/A 200 N/A	N/A N/A N/A
None Configuration # 5250-5350: 200mS 5250-5350: Aggregate 5470-5725: 200mS	ST STANDARD	Signature	Juz Da		N/A 4	200 0.35 200	200 N/A 200	N/A N/A N/A



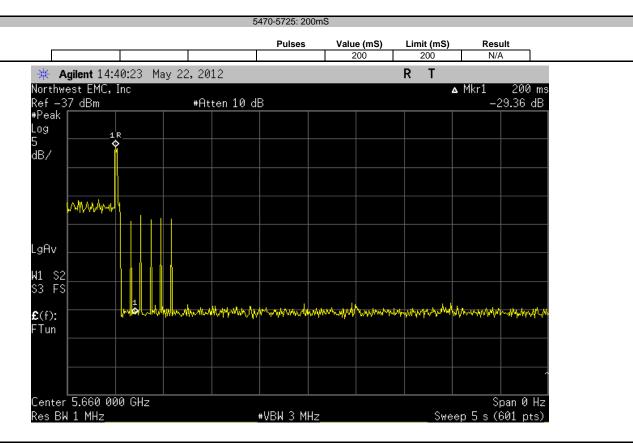
Closing Time

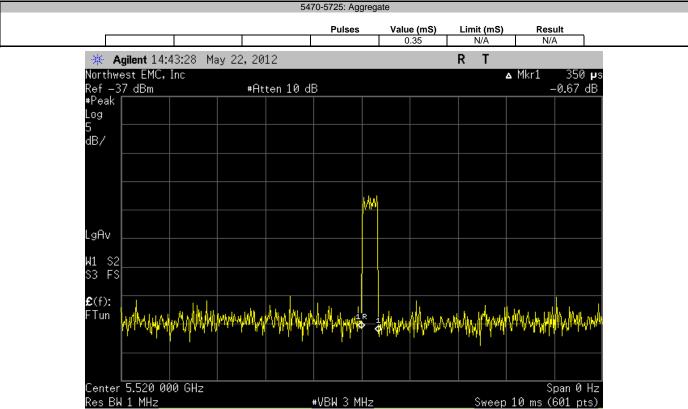






Closing Time





ENC

Non Occupancy Period

Testing was performed using the mode(s) of operation and configuration(s) noted within the report. The individuals and/or the organization requesting the test provided the modes, configurations and settings used to complete the evaluation. The actual test parameters are specified in the test data, this includes items such as investigated frequency range (scanned) and test levels. The testing methods and performance specifications, as well as the test site used for the evaluation are indicated in the test data.

TEST EQUIPMENT

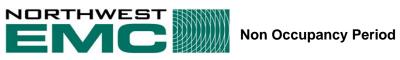
Description	Manufacturer	Model	ID	Last Cal.	Interval
Antenna, Horn	EMCO	3115	AHB	3/8/2011	24
Antenna, Horn	EMCO	3115	AHA	8/24/2011	24
RF Vector Signal Generator	Agilent	V2920A	TIC	10/27/2010	24
Spectrum Analyzer	Agilent	E4440A	AFA	5/9/2011	13

MEASUREMENT UNCERTAINTY

A measurement uncertainty estimation has been performed for each test per our internal quality document WP 342. The estimation is used to compare the measured result with its "true" or theoretically correct value. The expanded measurement uncertainty for radiated emissions measurements is less than +/- 4 dB, and for conducted emissions measurements is less than +/- 2.7 dB. Our measurement data meets or exceeds the measurement uncertainty requirements of CISPR 16-4; therefore, the test data can be compared directly to the specification limit to determine compliance. The calculations for measurement uncertainty are available upon request.

TEST DESCRIPTION

The test procedure described in Section 7.8 of KDB 905462 was followed to perform the following test. The UUT is a client device without radar detection using IP based communication. The test was performed using the radiated method described in section 7.3 of the KDB document. A radar 1 pulse was injected at time T0 and then the UUT was monitored for more than 30 minutes to make sure signals were not produced on the same channel. The test was performed on both DFS bands



EUT:	Sigma Pumps Integrated 802.11abg Module				Work Order:		
Serial Number:	7.06			Date:	05/23/12		
Customer:	Digi International			Temperature:	23C°C		
Attendees:				Humidity:	40%		
Project:	None				Barometric Pres.:		
Tested by:	Jeremiah Darden		Power:	110VAC/60Hz	Job Site:	OC11	
TEST SPECIFICATIO	ONS			Test Method			
FCC 15.407:2012				FCC 06-96:2006			
COMMENTS							
None							
DEVIATIONS FROM	TEST STANDARD						
None							
		3	C				
Configuration #	1		ing Da-				
		Signature					
					Value	Limit	Result
5250-5350					>30min	30min	Pass
5470-5725					>30min	30min	Pass



