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Report On

EMC Evaluation of
NantWorks
HBox Access Point for Medical Devices

FCC Part 15 Subpart B
ICES-003 Issue 5

Report No. SC1311091E

January 2014



America

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REPORT ON EMC Evaluation of the
NantWorks
HBox Access Point for Medical Devices

TEST REPORT NUMBER SC1311091E

TEST REPORT DATE January 2014

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Revision History

SC1311091E NantWorks HBox Access Point for Medical Devices					
DATE	OLD REVISION	NEW REVISION	REASON	PAGES AFFECTED	APPROVED BY
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SECTION 1

REPORT SUMMARY

EMC Evaluation of the
NantWorks
Access Point for Medical Devices



1.1 INTRODUCTION

The information contained in this report is intended to show verification of the NantWorks HBox Access Point for Medical Devices to the requirements of FCC Part 15 Subpart B and Industry Canada ICES-003.

Objective	To perform EMC Evaluation to determine the Equipment Under Test's (EUT's) compliance with the Test Specification, for the series of tests carried out.
Manufacturer	NantWorks
Model Name	HBox
Model Number(s)	200-HBX-PDL
Serial Number(s)	34008112
Number of Samples Tested	1
Highest Frequency Generated or Used	5825 MHz
Test Specification/Issue/Date	• FCC Part 15 Subpart B (October 1, 2013) • Spectrum Management and Telecommunications Interference-Causing Equipment Standard ICES-003 Information Technology Equipment (ITE) — Limits and methods of measurement (Issue 5 August 2012).
Start of Test	December 13, 2013
Finish of Test	December 24, 2013
Name of Engineer(s)	Ferdie Custodio
Related Document(s)	None



1.2 BRIEF SUMMARY OF RESULTS

A brief summary of the tests carried out in accordance with FCC Part 15 Subpart B is shown below. Test results from these tests are deemed satisfactory evidence of compliance with Industry Canada Interference-Causing Equipment Standard ICES-003.

Part 15	Test Description	Result	Comments/Base Standard
§15.107	Conducted Limits	Compliant	Class B requirement
§15.109	Radiated Emission Limits	Compliant	Class B requirement



1.3 PRODUCT INFORMATION

1.3.1 Technical Description

The Equipment Under Test (EUT) was a NantWorks HBox Access Point for Medical Devices. The EUT can connect to a network through Ethernet port or Wi-Fi. In normal operation, the EUT collects user data via USB, Bluetooth or Wi-Fi and upload the information back to a data server. The NFC function is for quick Bluetooth pairing by obtaining the device info when within NFC range of the EUT.

1.3.2 Labelling Requirement for Industry Canada

The manufacturer, importer or supplier shall meet the labelling requirements set out in this section for every ITE unit:

- (i) Prior to marketing in Canada, for ITE manufactured in Canada, and;
- (ii) Prior to importation into Canada, for imported ITE.

The presence of the label on the ITE represents the manufacturer's or importer's Self-Declaration of Compliance (SDoC) to Industry Canada ICES-003. Each unit of an ITE model shall bear a label indicating the model's compliance with ICES-003.

The label shall be permanently affixed to the ITE or displayed electronically and its text must be clearly legible. When the dimension of the device is too small or it is otherwise not practical to place the label on the ITE, the label shall be placed in a prominent location in the user manual supplied with the ITE. The user manual may be in an electronic format and must be readily available.

Industry Canada ICES-003 Compliance Label

CAN ICES-3 (B)/NMB-3(B)

1.3.3 Labelling Requirement for Part 15 Device

See FCC Publication Number: 784748 for details:

<https://apps.fcc.gov/oetcf/kdb/forms/FTSSearchResultPage.cfm?id=27980&switch=P>

1.4 EUT TEST CONFIGURATION

1.4.1 Test Configuration Description

Test Configuration	Description
Default	Normal test operation. EUT powered and all I/O ports populated.

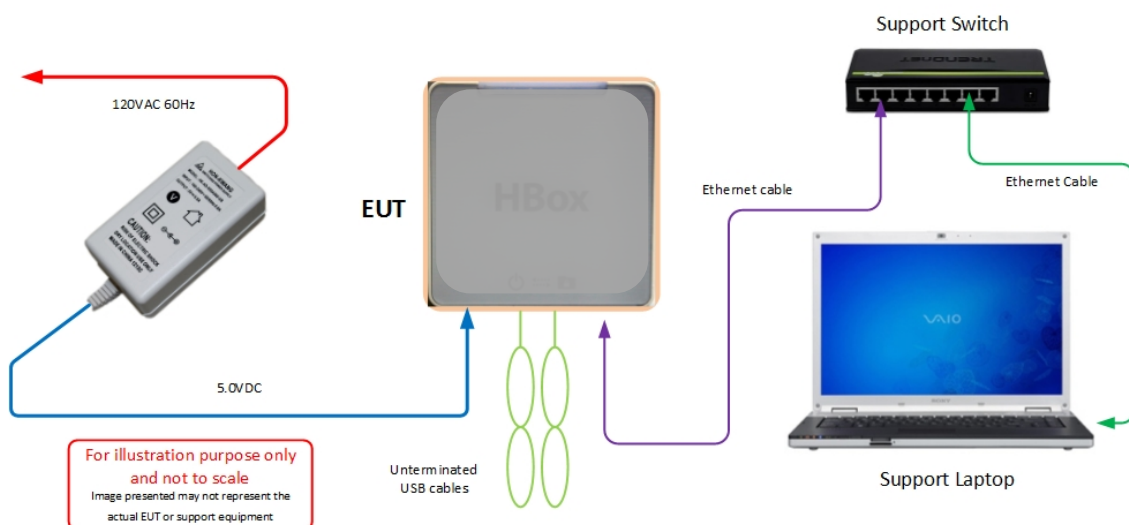
1.4.2 EUT Exercise Software

None. No special software was used to exercise the EUT during verification

1.4.3 Support Equipment and I/O cables

Manufacturer	Equipment/Cable	Description
Sony	Personal Computer (Y Series Laptop)	Model PCG-31311L
Sony	AC Adapter	Model PCGA-AC19V9 S/N:147839091 0023259
Hon-Kwang	I.T.E. Power Supply for EUT	Model HK-AB-050A400-US 5VDC @ 4A and Model HK-AD-050A500-US 5VDC @5A
Trendnet	Broadband Router	Model TW100S4W1CA S/N: RA1332S400789
DVE	Switching Adapter for Broadband Router	Model DSA-6PFE-05 FUS 050100 5VDC @ 1 ^a
Lorom	CAT5E Patch Cable (2X)	Unshielded, 1.5 meters Ethernet cables
	USB cable	Shielded, 1.7m generic USB cable

1.4.4 Simplified Test Configuration Diagram



1.5 DEVIATIONS FROM THE STANDARD

No deviations from the applicable test standards or test plan were made during testing.

1.6 MODIFICATION RECORD

Description of Modification	Modification Fitted By	Date Modification Fitted
Serial Number: 34008112		
N/A		

The table above details modifications made to the EUT during the test programme. The modifications incorporated during each test (if relevant) are recorded on the appropriate test pages.

1.7 TEST METHODOLOGY

All measurements contained in this report were conducted with ANSI C63.4-2009, American National Standard for Methods of Measurement of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the range of 9 kHz to 40 GHz.

For radiated emissions the equipment under test (EUT) was configured to measure its highest possible emission level. This level was based on the maximized cable configuration from exploratory testing per ANSI C63.4-2009. The test modes were adapted according to the Operating Instructions provided by the manufacturer/client.

1.8 TEST FACILITY

1.8.1 FCC – Registration No.: US5296

TUV SUD America Inc. (San Diego), is an accredited test facility with the site description report on file and has met all the requirements specified in §2.498 of the FCC rules. The acceptance letter from the FCC is maintained in our files and the Registration is US5296.

1.8.2 Industry Canada (IC) Registration No.: 3067A-1

The 10m Semi-anechoic chamber of TUV SUD America Inc. (San Diego), has been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No. 3067A-1.



SECTION 2

TEST DETAILS

EMC Evaluation of the
NantWorks
Access Point for Medical Devices

2.1 CONDUCTED LIMITS

2.1.1 Specification Reference

Part 15 Subpart B §15.107(a)

2.1.2 Standard Applicable

Except for Class A digital devices, for equipment that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies within the band 150 kHz to 30 MHz shall not exceed the limits in the following table, as measured using a 50 μ H/50 ohms line impedance stabilization network (LISN). Compliance with the provisions of this paragraph shall be based on the measurement of the radio frequency voltage between each power line and ground at the power terminal. The lower limit applies at the band edges

Frequency of emission (MHz)	Conducted limit (dB μ V)	
	Quasi-peak	Average
0.15–0.5	66 to 56*	56 to 46*
0.5–5	56	46
5–30	60	50

*Decreases with the logarithm of the frequency.

2.1.3 Equipment Under Test and Modification State

Serial No: 34008112 /Default Test Configuration

2.1.4 Date of Test/Initial of test personnel who performed the test

December 13, 2013/FSC

2.1.5 Test Equipment Used

The major items of test equipment used for the above tests are identified in Section 3.1.

2.1.6 Environmental Conditions

Ambient Temperature	17.9°C
Relative Humidity	30.0%
ATM Pressure	99.8 kPa

2.1.7 Additional Observations

- Verification performed on two AC adapters submitted for verification with the EUT.



- Measurement was done using EMC32 V8.53 automated software. Reported level is the actual level with all the correction factors factored in. Correction Factor column is for informational purposes only. See Section 2.1.8 for sample computation.

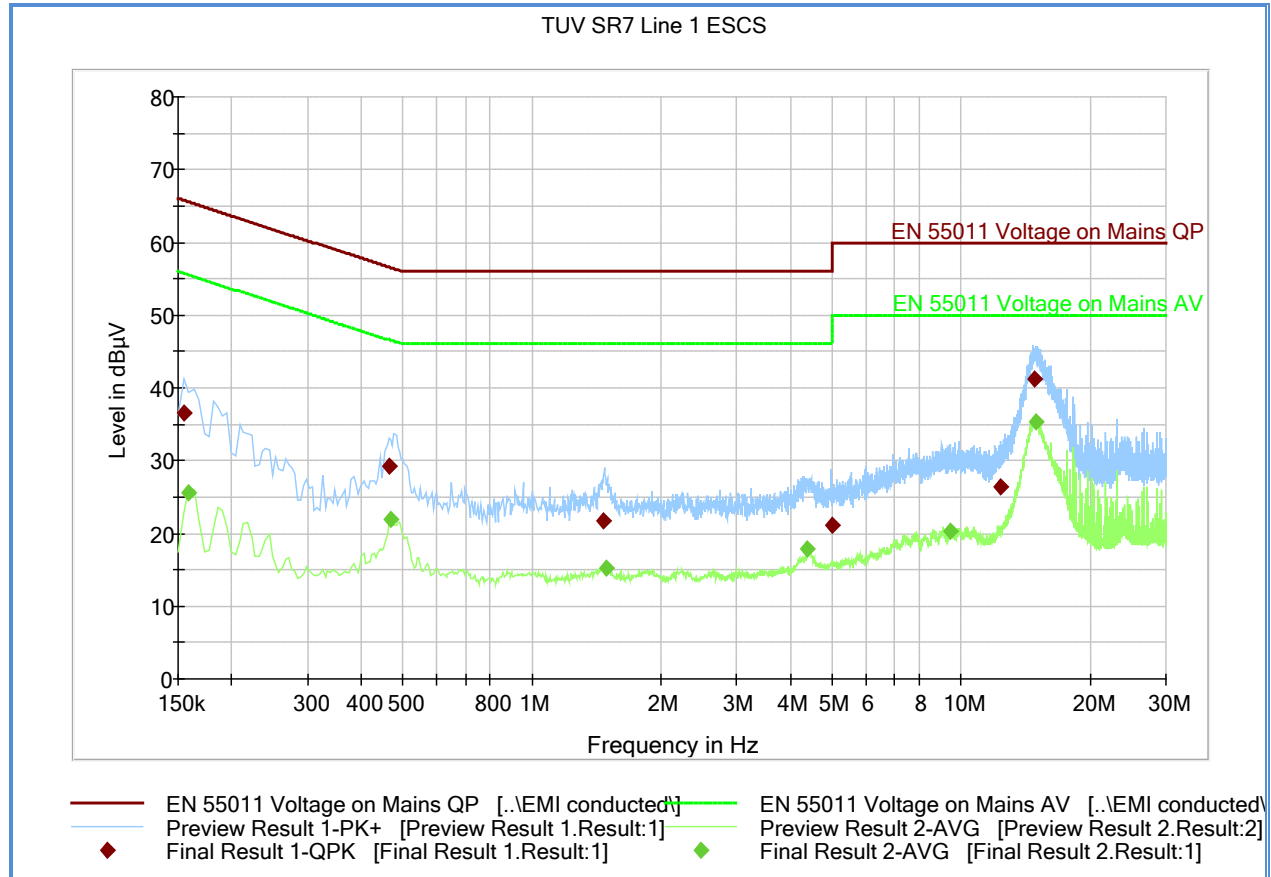
2.1.8 Sample Computation (Conducted Emission – Quasi Peak)

Measuring equipment raw measurement (db μ V) @ 150kHz			5.5
Correction Factor (dB)	Asset# 8607 (20 dB attenuator)	19.9	20.7
	Asset# 1177 (cable)	0.15	
	Asset# 1176 (cable)	0.35	
	Asset# 7568 (LISN)	0.30	
Reported QuasiPeak Final Measurement (db μ V) @ 150kHz			26.2

2.1.9 Test Results

Compliant. See attached plots and tables.

2.1.10 HK-AD-050A500-US 5VDC (Line 1 – Hot)



EN55011 limits are identical to FCC Part 15.107 limits. This test was performed @ 120VAC 60Hz using EN55011 limits.

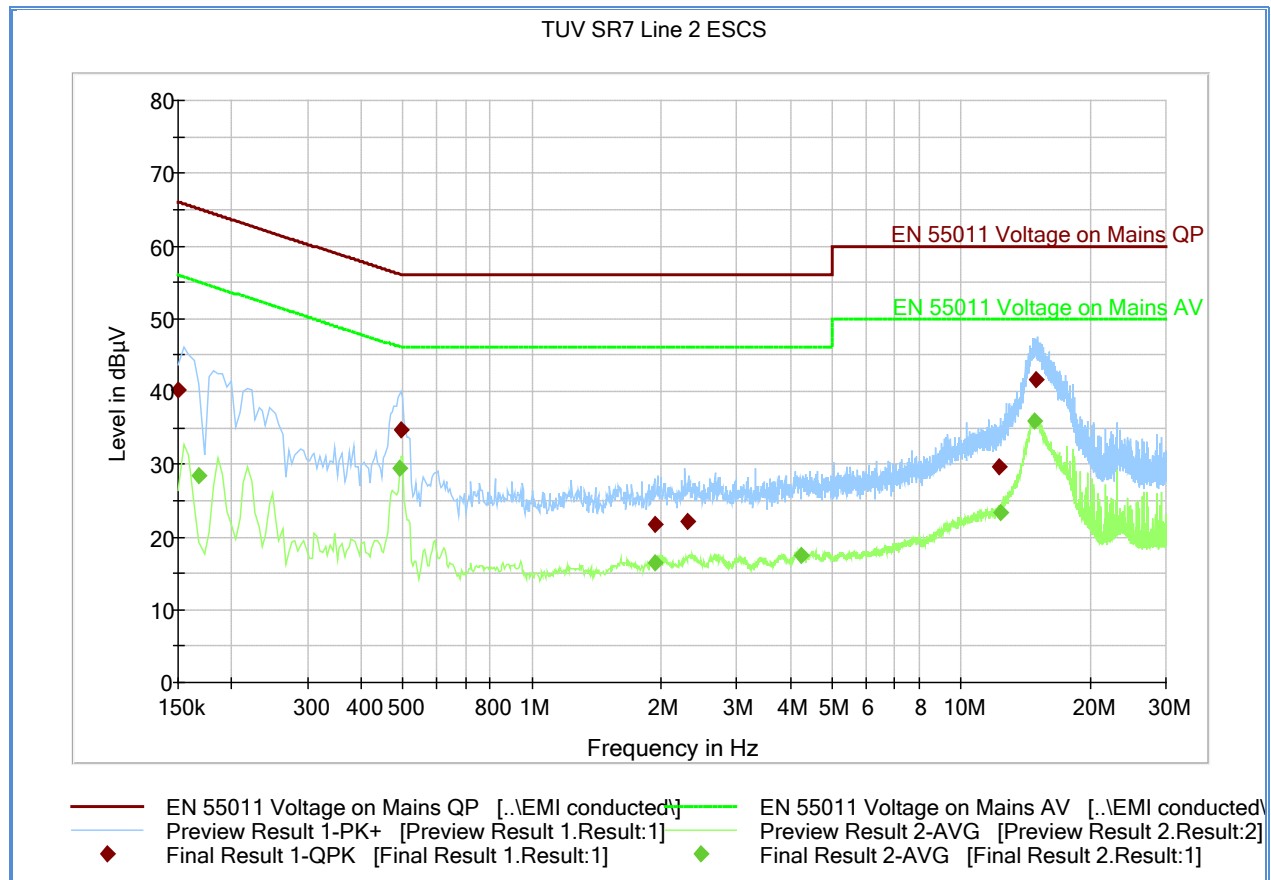
Quasi Peak

Frequency (MHz)	QuasiPeak (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin - QPK (dB)	Limit - QPK (dBµV)
0.154500	36.5	1000.0	9.000	Off	L1	20.4	29.3	65.8
0.465000	29.2	1000.0	9.000	Off	L1	20.2	27.4	56.6
1.473000	21.7	1000.0	9.000	Off	L1	20.3	34.3	56.0
5.014500	21.1	1000.0	9.000	Off	L1	20.4	38.9	60.0
12.394500	26.4	1000.0	9.000	Off	L1	20.6	33.6	60.0
14.793000	41.1	1000.0	9.000	Off	L1	20.7	18.9	60.0

Average

Frequency (MHz)	Average (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin - Ave (dB)	Limit - Ave (dBµV)
0.159000	25.5	1000.0	9.000	Off	L1	20.4	30.0	55.5
0.469500	21.9	1000.0	9.000	Off	L1	20.2	24.6	46.5
1.486500	15.2	1000.0	9.000	Off	L1	20.3	30.8	46.0
4.362000	17.9	1000.0	9.000	Off	L1	20.4	28.1	46.0
9.447000	20.3	1000.0	9.000	Off	L1	20.4	29.7	50.0
14.901000	35.3	1000.0	9.000	Off	L1	20.7	14.7	50.0

2.1.11 HK-AD-050A500-US 5VDC (Line 2 – Neutral)



EN55011 limits are identical to FCC Part 15.107 limits. This test was performed @ 120VAC 60Hz using EN55011 limits.

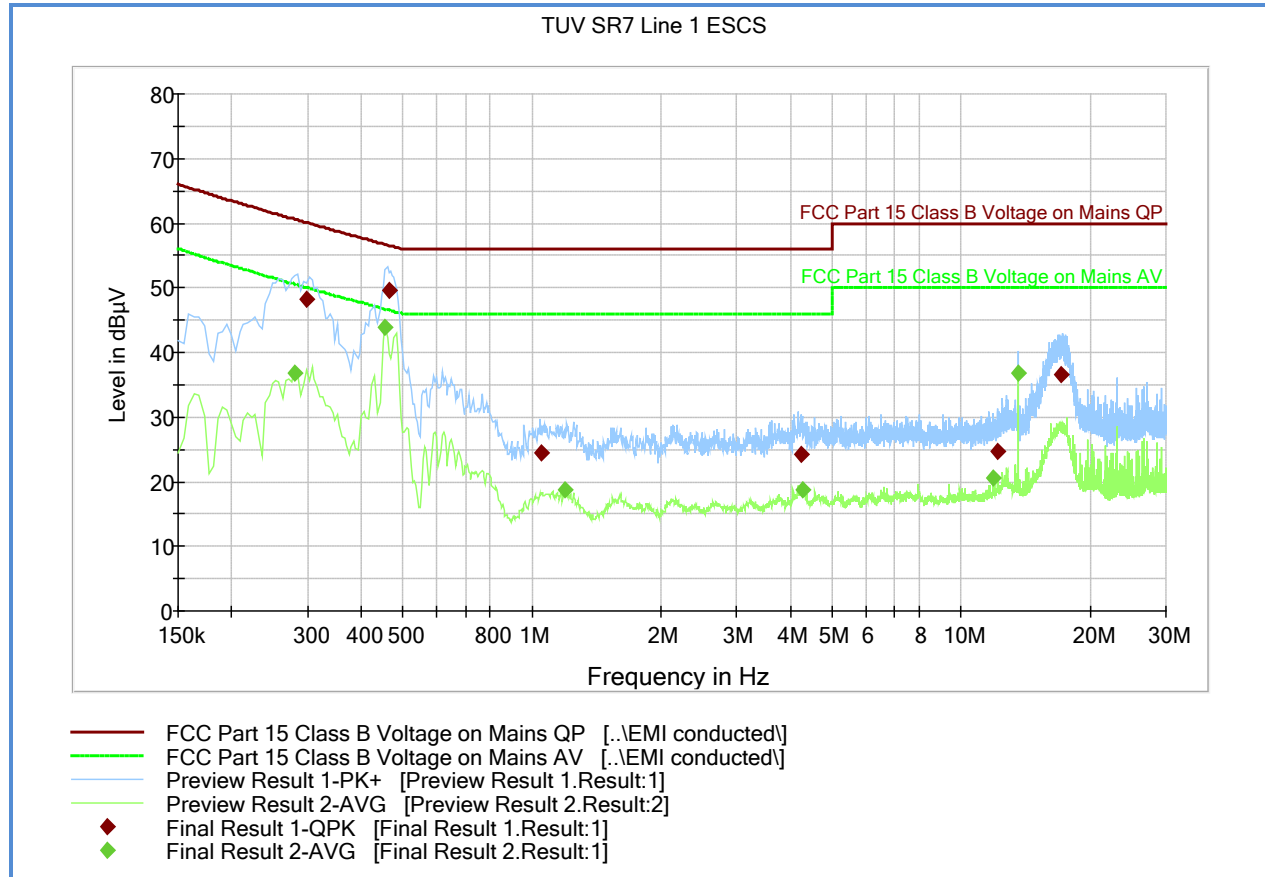
Quasi Peak

Frequency (MHz)	QuasiPeak (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin - QPK (dB)	Limit - QPK (dBµV)
0.150000	40.3	1000.0	9.000	Off	N	21.2	25.7	66.0
0.496500	34.8	1000.0	9.000	Off	N	21.1	21.3	56.1
1.941000	21.7	1000.0	9.000	Off	N	21.1	34.3	56.0
2.296500	22.1	1000.0	9.000	Off	N	21.1	33.9	56.0
12.277500	29.7	1000.0	9.000	Off	N	21.3	30.3	60.0
14.986500	41.7	1000.0	9.000	Off	N	21.5	18.3	60.0

Average

Frequency (MHz)	Average (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin - Ave (dB)	Limit - Ave (dBµV)
0.168000	28.3	1000.0	9.000	Off	N	21.2	26.7	55.1
0.492000	29.4	1000.0	9.000	Off	N	21.1	16.8	46.1
1.936500	16.4	1000.0	9.000	Off	N	21.1	29.6	46.0
4.240500	17.5	1000.0	9.000	Off	N	21.2	28.5	46.0
12.354000	23.4	1000.0	9.000	Off	N	21.3	26.6	50.0
14.824500	36.0	1000.0	9.000	Off	N	21.5	14.0	50.0

2.1.12 HK-AB-050A400-US 5VDC (Line 1 – Hot)



Quasi Peak

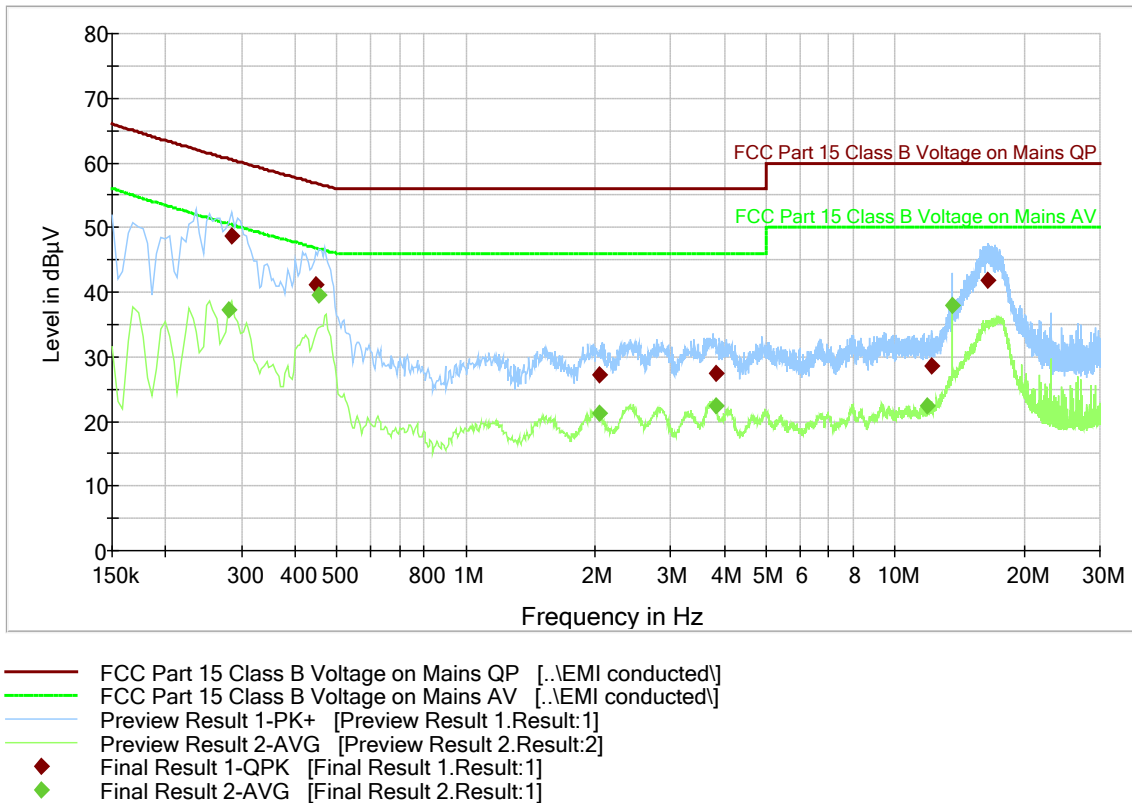
Frequency (MHz)	QuasiPeak (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin - QPK (dB)	Limit - QPK (dBµV)
0.298500	48.3	1000.0	9.000	Off	L1	20.3	11.8	60.1
0.465000	49.5	1000.0	9.000	Off	L1	20.2	7.1	56.6
1.050000	24.5	1000.0	9.000	Off	L1	20.2	31.5	56.0
4.245000	24.1	1000.0	9.000	Off	L1	20.4	31.9	56.0
12.192000	24.6	1000.0	9.000	Off	L1	20.5	35.4	60.0
17.106000	36.5	1000.0	9.000	Off	L1	20.8	23.5	60.0

Average

Frequency (MHz)	Average (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin - Ave (dB)	Limit - Ave (dBµV)
0.280500	36.9	1000.0	9.000	Off	L1	20.3	13.7	50.6
0.456000	43.8	1000.0	9.000	Off	L1	20.2	2.9	46.7
1.198500	18.8	1000.0	9.000	Off	L1	20.3	27.2	46.0
4.263000	18.7	1000.0	9.000	Off	L1	20.4	27.3	46.0
11.890500	20.6	1000.0	9.000	Off	L1	20.5	29.4	50.0
13.560000	36.9	1000.0	9.000	Off	L1	20.6	13.1	50.0

2.1.13 HK-AB-050A400-US 5VDC (Line 2 – Neutral)

TUV SR7 Line 2 ESCS



Quasi Peak

Frequency (MHz)	QuasiPeak (dBμV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin - QPK (dB)	Limit - QPK (dBμV)
0.285000	48.6	1000.0	9.000	Off	N	21.1	11.9	60.5
0.447000	41.2	1000.0	9.000	Off	N	21.1	15.7	56.9
2.053500	27.2	1000.0	9.000	Off	N	21.1	28.8	56.0
3.817500	27.4	1000.0	9.000	Off	N	21.2	28.6	56.0
12.138000	28.6	1000.0	9.000	Off	N	21.3	31.4	60.0
16.444500	41.8	1000.0	9.000	Off	N	21.6	18.2	60.0

Average

Frequency (MHz)	Average (dBμV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin - Ave (dB)	Limit - Ave (dBμV)
0.280500	37.2	1000.0	9.000	Off	N	21.1	13.3	50.6
0.456000	39.5	1000.0	9.000	Off	N	21.1	7.2	46.7
2.053500	21.3	1000.0	9.000	Off	N	21.1	24.7	46.0
3.835500	22.3	1000.0	9.000	Off	N	21.2	23.7	46.0
11.895000	22.4	1000.0	9.000	Off	N	21.3	27.6	50.0
13.560000	38.0	1000.0	9.000	Off	N	21.4	12.0	50.0

2.2 RADIATED EMISSION LIMITS

2.2.1 Specification Reference

Part 15 Subpart B §15.109(a)

2.2.2 Standard Applicable

(a) Except for Class A digital devices, the field strength of radiated emissions from unintentional radiators at a distance of 3 meters shall not exceed the following values:

Frequency of emission (MHz)	Field Strength (microvolts/meter)
30-88	100
88-216	150
216-960	200
Above 960	500

2.2.3 Equipment Under Test and Modification State

Serial No: 34008112 / Default Test Configuration

2.2.4 Date of Test/Initial of test personnel who performed the test

December 24, 2013/FSC

2.2.5 Test Equipment Used

The major items of test equipment used for the above tests are identified in Section 3.1.

2.2.6 Environmental Conditions

Ambient Temperature	25.8°C
Relative Humidity	43.5%
ATM Pressure	99.0 kPa

2.2.7 Additional Observations

- The spectrum was searched from 30MHz to 18GHz and verified to Class B limits. There are no spurious emissions observed above 3GHz when in "Receive" mode.
- Verifications are performed at 3 meters.
- Only worst case AC adapter data presented (HK-AB-050A400-US 5VDC). There is no significant difference in emissions between the two AC adapters verified.
- Measurement was done using EMC32 V8.53 automated software. Reported level is the actual level with all the correction factors factored in. Correction Factor column is for informational purposes only. See Section 2.2.8 for sample computation.

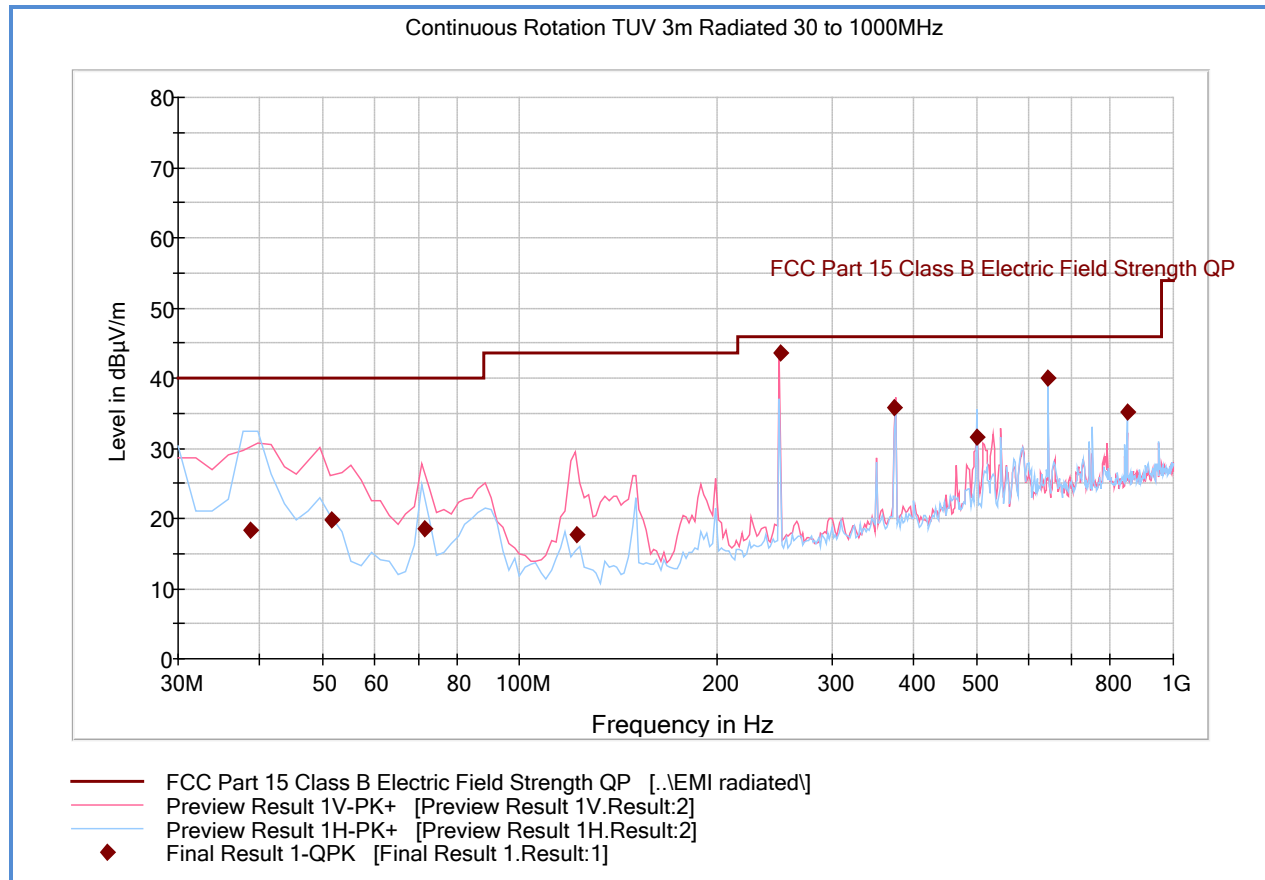
2.2.8 Sample Computation (Radiated Emission)

Measuring equipment raw measurement (db μ V) @ 30 MHz			24.4
Correction Factor (dB)	Asset# 1066 (cable)	0.3	-12.6
	Asset# 1172 (cable)	0.3	
	Asset# 1016 (preamplifier)	-30.7	
	Asset# 1175(cable)	0.3	
	Asset# 1002 (antenna)	17.2	
Reported QuasiPeak Final Measurement (db μ V/m) @ 30MHz			11.8

2.2.9 Test Results

See attached plots.

2.2.9.1 Below 1GHz Radiated Emission Test

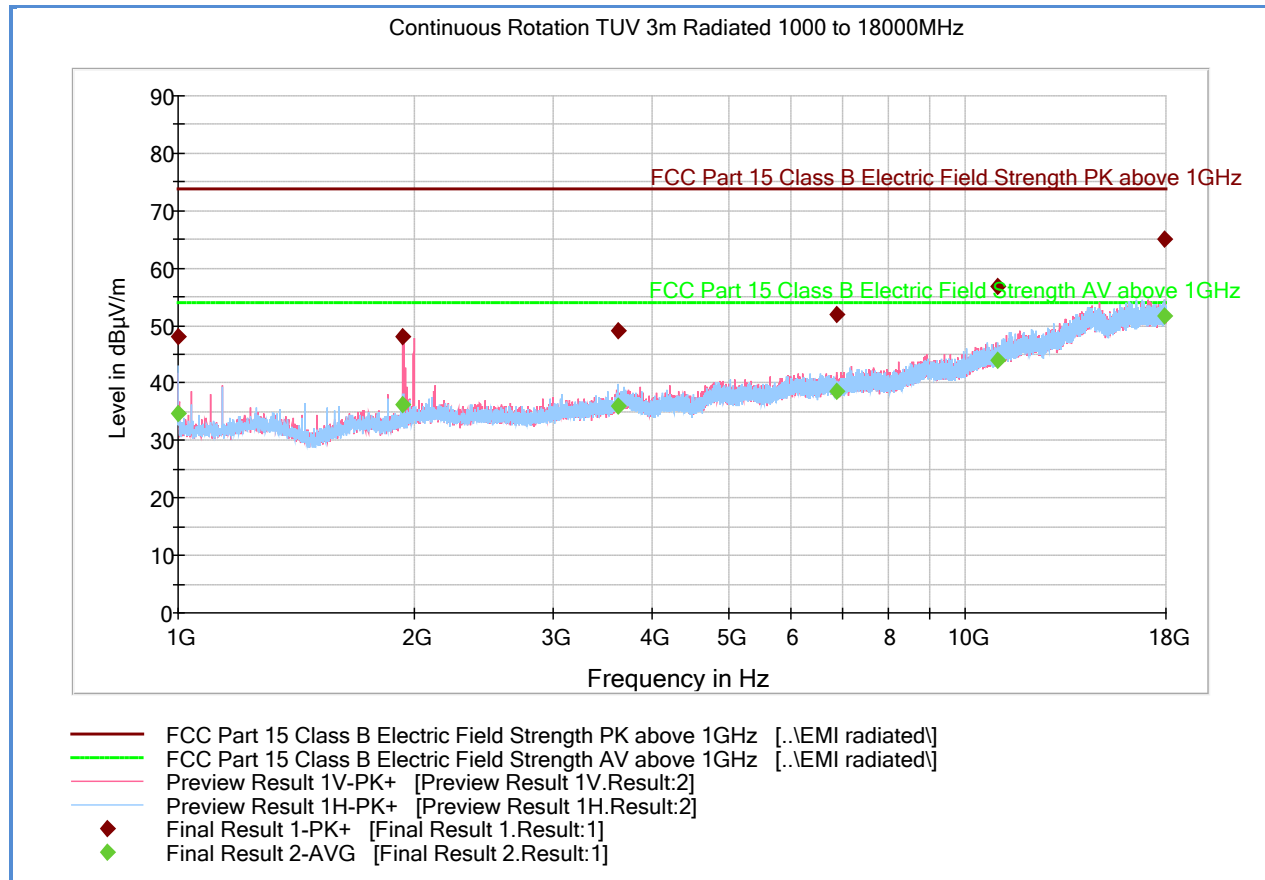


Quasi-Peak Data

Frequency (MHz)	QuasiPeak (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBµV/m)
38.775551	18.4	1000.0	120.000	283.0	H	342.0	-15.5	21.6	40.0
51.438878	19.8	1000.0	120.000	109.0	V	285.0	-19.4	20.2	40.0
71.581643	18.4	1000.0	120.000	100.0	V	307.0	-21.3	21.6	40.0
122.322725	17.6	1000.0	120.000	106.0	V	-12.0	-19.2	25.9	43.5
250.099319	43.5	1000.0	120.000	100.0	V	46.0	-12.6	2.5	46.0
374.812024	35.8	1000.0	120.000	145.0	V	9.0	-7.9	10.2	46.0
499.940842	31.6	1000.0	120.000	105.0	H	284.0	-5.1	14.4	46.0
643.468537	40.0	1000.0	120.000	105.0	H	213.0	-2.1	6.0	46.0
849.960641	35.1	1000.0	120.000	100.0	H	235.0	1.1	10.9	46.0

Test Notes:

2.2.9.2 Above 1GHz Radiated Emission Test



Peak Data

Frequency (MHz)	Max Peak (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBµV/m)
1000.000000	48.2	1000.0	1000.000	300.6	H	87.0	-1.0	25.7	73.9
1932.566667	48.2	1000.0	1000.000	257.3	V	178.0	1.8	25.7	73.9
3624.066667	49.2	1000.0	1000.000	260.3	H	-10.0	5.7	24.7	73.9
6866.733333	51.9	1000.0	1000.000	202.4	V	243.0	10.5	22.0	73.9
10998.63333	56.9	1000.0	1000.000	201.4	H	293.0	16.3	17.0	73.9
17902.66666	64.9	1000.0	1000.000	259.3	V	122.0	23.7	9.0	73.9

Average Data

Frequency (MHz)	Average (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBµV/m)
1000.000000	34.7	1000.0	1000.000	300.6	H	87.0	-1.0	19.2	53.9
1932.566667	36.3	1000.0	1000.000	257.3	V	178.0	1.8	17.6	53.9
3624.066667	35.9	1000.0	1000.000	260.3	H	-10.0	5.7	18.0	53.9
6866.733333	38.6	1000.0	1000.000	202.4	V	243.0	10.5	15.3	53.9
10998.63333	44.0	1000.0	1000.000	201.4	H	293.0	16.3	9.9	53.9
17902.66666	51.6	1000.0	1000.000	259.3	V	122.0	23.7	2.3	53.9

Test Notes:



SECTION 3

TEST EQUIPMENT USED

3.1 TEST EQUIPMENT USED

List of absolute measuring and other principal items of test equipment.

ID Number (SDGE/SDRB)	Test Equipment	Type	Serial Number	Manufacturer	Cal Date	Cal Due Date
Radiated Test Setup						
1002	Bilog Antenna	3142C	00058717	ETS-Lindgren	01/21/13	01/21/14
7575	Double-ridged waveguide horn antenna	3117	00155511	EMCO	03/25/13	03/25/14
8760	Pre-amplifier	ZKL-2	1001	Mini-Circuits	09/03/13	09/03/14
1153	High-frequency cable	SucoFlex 100 SX	N/A	Suhner	09/03/13	09/03/14
1150	Horn antenna	3160-09	012054-004	ETS	04/26/13	04/26/15
1151	Pre-amplifier	TS-PR26	100026	Rhode & Schwarz	05/02/13	05/02/14
8543	High-frequency cable	Micropore 19057793	N/A	United Microwave Products	09/03/13	09/03/14
1040	EMI Test Receiver	ESIB40	100292	Rhode & Schwarz	07/31/13	07/31/14
1049	EMI Test Receiver	ESU	100133	Rhode & Schwarz	07/24/13	07/24/14
1016	Pre-amplifier	PAM-0202	187	PAM	10/08/13	10/08/14
Conducted Emissions						
1024	EMI Test Receiver	ESCS 30	847793/001	Rhode & Schwarz	03/11/13	03/11/14
7567	LISN	FCC-LISN-50-25-2-10	120304	Fischer Custom Comm.	06/11/13	06/11/14
7568	LISN	FCC-LISN-50-25-2-10	120305	Fischer Custom Comm.	07/10/13	07/10/14
8789	20dB Attenuator	HAT-20	YUU29001245	Mini Circuits	03/01/13	03/01/14
8792	20dB Attenuator	HAT-20	YUU29001245	Mini Circuits	03/01/13	03/01/14
Miscellaneous						
6452	Multimeter	3478A	2911A52177	Hewlett Packard	08/02/13	08/02/14
7554	Barometer/Temperature /Humidity Transmitter	iBTHX-W	0400706	Omega	04/17/13	04/17/14
1123	DC Power Supply	E3631A	N/A	Hewlett Packard	Verified by 6452	
	Test Software	EMC32	V8.53	Rhode & Schwarz	N/A	

3.2 MEASUREMENT UNCERTAINTY

For a 95% confidence level, the measurement uncertainties for defined systems are:

3.2.1 Radiated Emission Measurements (Below 1GHz)

Contribution		Probability Distribution Type	Probability Distribution x_i	Standard Uncertainty $u(x_i)$	$[u(x_i)]^2$
1	Receiver/Spectrum Analyzer	Rectangular	0.45	0.26	0.07
2	Cables	Rectangular	0.50	0.29	0.08
3	Preamp	Rectangular	0.50	0.29	0.08
4	Antenna	Rectangular	0.75	0.43	0.19
5	Site	Rectangular	3.89	2.25	5.04
6	EUT Setup	Rectangular	1.00	0.58	0.33
Combined Uncertainty (u_c):					2.41
Coverage Factor (k):					2
Expanded Uncertainty:					4.82

3.2.1 Radiated Emission Measurements (Above 1GHz)

Contribution		Probability Distribution Type	Probability Distribution x_i	Standard Uncertainty $u(x_i)$	$[u(x_i)]^2$
1	Receiver/Spectrum Analyzer	Rectangular	0.57	0.33	0.11
2	Cables	Rectangular	0.70	0.40	0.16
3	Preamp	Rectangular	0.50	0.29	0.08
4	Antenna	Rectangular	0.37	0.21	0.05
5	Site	Rectangular	3.89	2.25	5.04
6	EUT Setup	Rectangular	1.00	0.58	0.33
Combined Uncertainty (u_c):					2.40
Coverage Factor (k):					2
Expanded Uncertainty:					4.81

3.2.2 AC Conducted Emissions Measurements

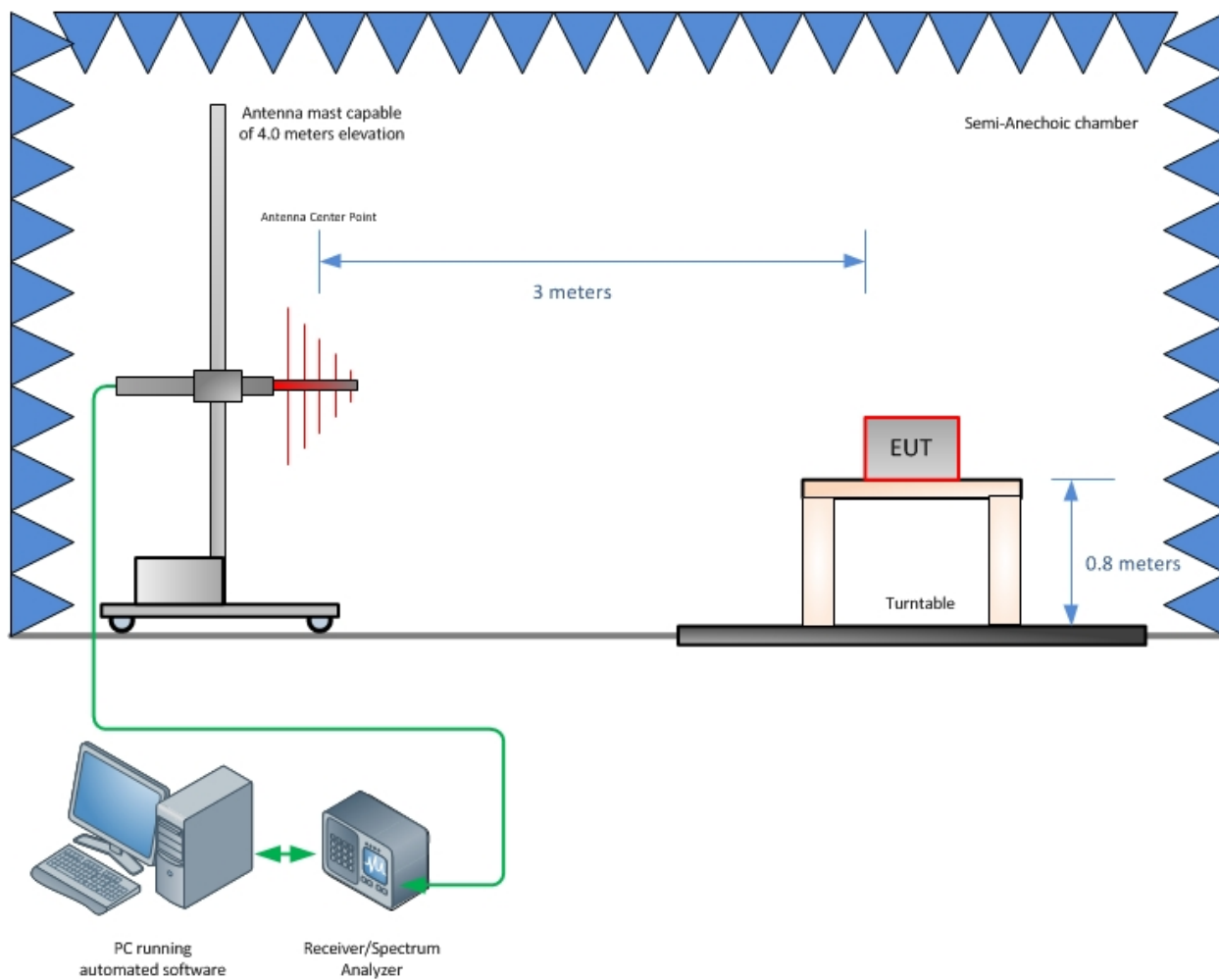
Contribution		Probability Distribution Type	Probability Distribution x_i	Standard Uncertainty $u(x_i)$	$[u(x_i)]^2$
1	Receiver/Spectrum Analyzer	Rectangular	0.36	0.21	0.04
2	Cables	Rectangular	0.50	0.29	0.08
3	LISN	Rectangular	0.66	0.38	0.15
4	Attenuator	Rectangular	0.30	0.17	0.03
5	EUT Setup	Rectangular	1.00	0.58	0.33
Combined Uncertainty (u_c):					0.80
Coverage Factor (k):					2
Expanded Uncertainty:					1.59



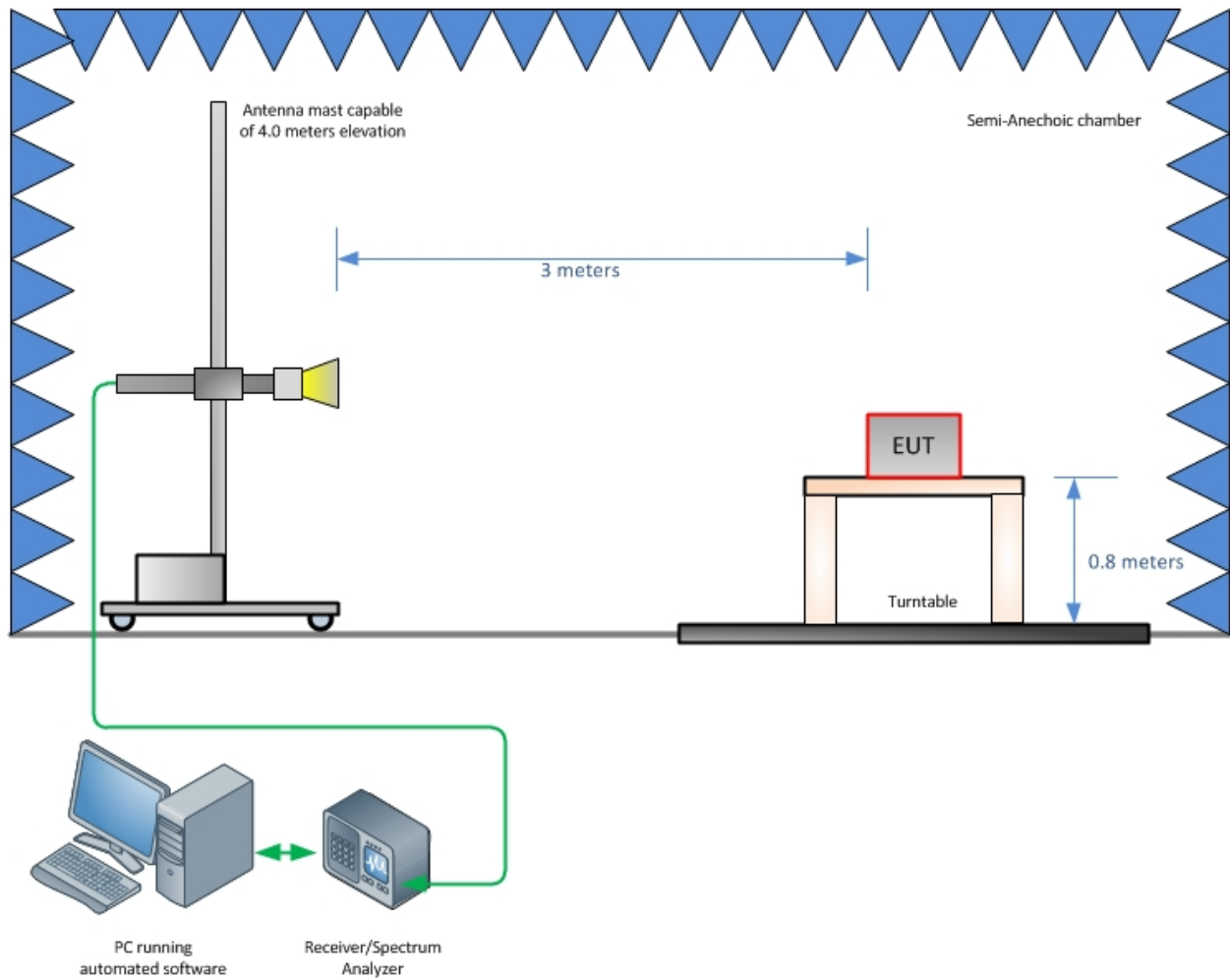
SECTION 4

DIAGRAM OF TEST SETUP

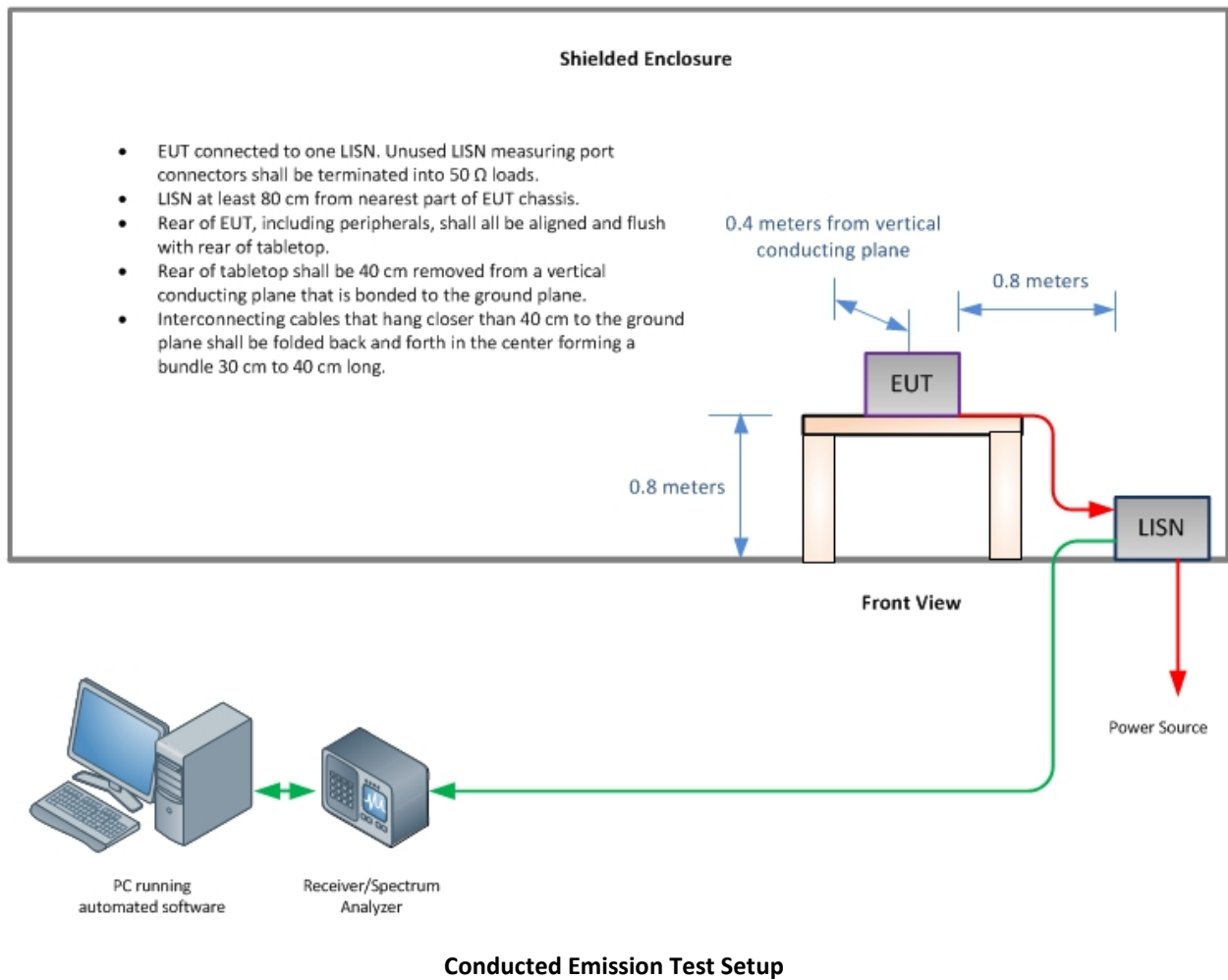
4.1 TEST SETUP DIAGRAM



Radiated Emission Test Setup (Below 1GHz)



Radiated Emission Test Setup (Above 1GHz)





SECTION 5

ACCREDITATION, DISCLAIMERS AND COPYRIGHT



5.1 ACCREDITATION, DISCLAIMERS AND COPYRIGHT

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