

Nemko USA, Inc.

2210 Faraday Ave, Suite 150

Carlsbad, CA 92008

Phone (760) 444-3500 Fax (760) 444-3005



www.nemko.com

EMC Test Summary

*For The
Gamma Probe*

Model: Node-O-Scope

Prepared for:

Cokiya Inc.
12741 Shadowline Street
Poway, CA 92064

Evaluation performed per client request to specific parts of:

FCC 15.247(b)

FCC 15.247(d)

PREPARED on 10/9/2014

SUMMARY DOC #: 2014 258626

NEX #: 258626

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1 Document History

1.1 Document History

REVISION	DATE	COMMENTS
-	10/9/2014	Prepared By: Drew Smith
-	10/9/2014	Initial Release: Mike Krumweide

NOTE: As harmonized with the Ministry of Science, ICT & Future Planning (MSIP) requirements for certification, Nemko USA, Inc. hereby makes the following statements so as to conform to the Subclause 5.10 requirements of ISO/IEC 17025 "General Criteria for the Competence of Testing and Calibration Laboratories":

- The unit described in this summary was received at Nemko USA, Inc.'s facilities on 6/6/2014.
- The evaluation was performed on the unit described in this report on 6/6/2014.
- The evaluation results reported herein apply only to the Unit actually tested, and to substantially identical Units.
- This document does not imply compliance or the endorsement of the (FCC), NVLAP or any other government agency.

1.2 Test Site Accreditation

Nemko USA, Inc. is accredited through National Voluntary Laboratory Accreditation Program.



NVLAP LAB CODE 200116-0

This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government.

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2 Administrative Data and Test Summary

2.1 Administrative Test Data

CLIENT: Cokiya Inc.
12741 Shadowline Street
Poway, CA 92064

CONTACT: Steve Yarnall
syarnall@cokiya.com

DATE(S) OF TEST: 6 June 2014

EQUIPMENT UNDER TEST (EUT): Gamma Probe

MODEL: Node-O-Scope

SERIAL NUMBER: TBD

SOFTWARE REVISION: TBD

HIGHEST FREQUENCY GENERATED OR USED: TBD

CONDITION UPON RECEIPT: Acceptable

REFERENCE SPECIFICATIONS:

<i>Standard Reference</i>	<i>Test</i>
CFR 47, Part 15, Section 15.247 (b)	Effective Isotropic Radiated Power (EIRP)
CFR 47, Part 15, Section 15.247 (d)	Spurious Emissions

Note: This summary is provided per client request and does not include all tests and/or agency filings required for full compliance to applicable FCC regulations.

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3 SYSTEM CONFIGURATION

3.1 System Components and Power Cables

N/A (battery powered)

3.2 Device Interconnection and I/O Cables

N/A

3.3 Description and Method of Exercising the EUT

The Cokiya Node-O-Scope is a sterile, disposable and recyclable, battery-powered gamma probe that has been designed for Tc-99 sentinel node and parathyroid localization. The Node-O-Scope is a low-voltage (3.1-4.5V), battery-powered device which communicates to an off-the-shelf tablet device as user interface.

The device was placed into a continuous test mode at low, mid and high channels per the customer test protocol.

3.4 Design Modifications for During Test Session

No design modifications were made during evaluation session.

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4 EUT and Test Configuration Photographs

4.1.1 General View of EUT



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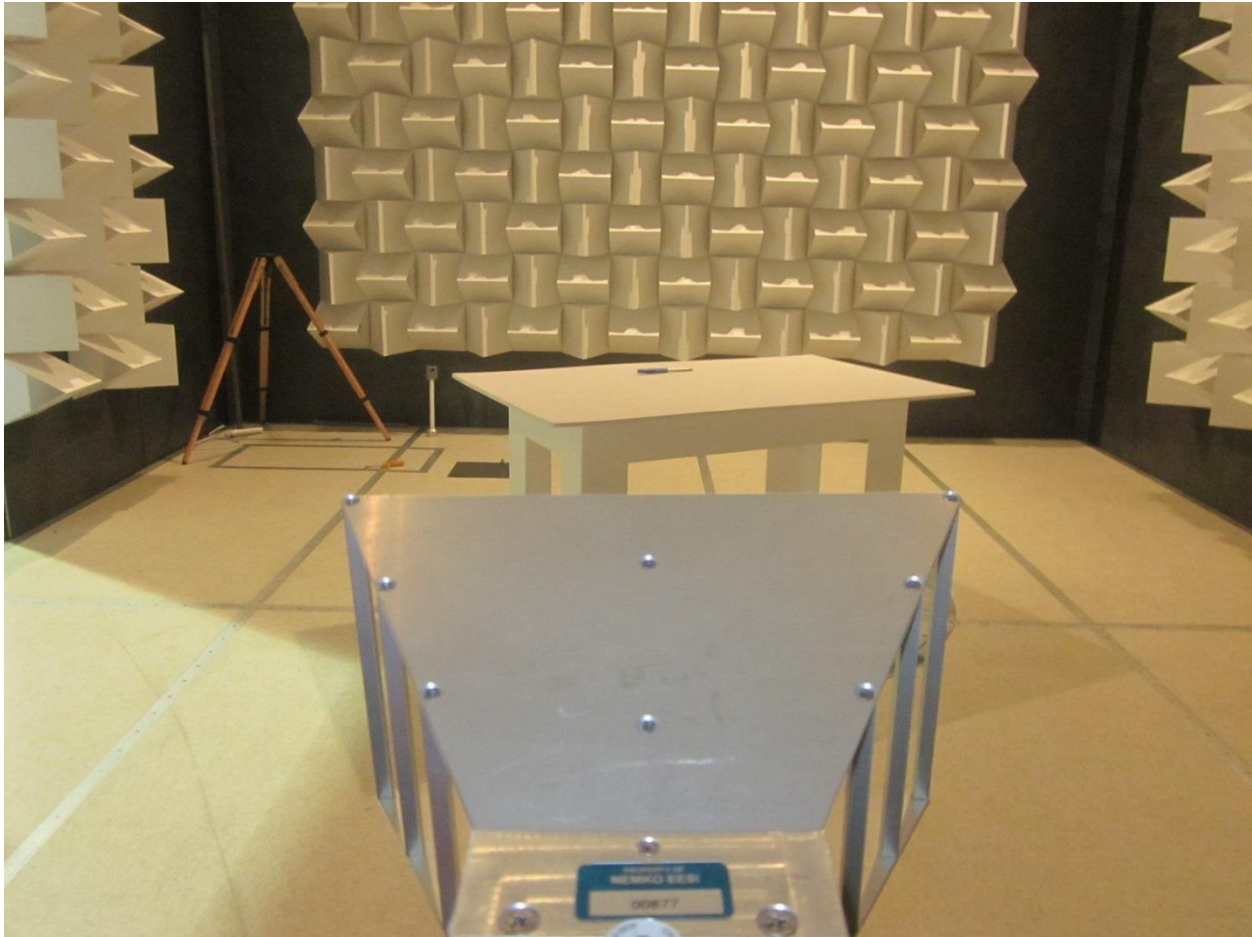
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4.1.2 EUT Evaluation Photo



(representative configuration)

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5 Test Results

5.1.1 EIRP Measurements

Customer:	Cokiya Inc.
EUT:	Gamma Probe, Node-O-Scope
Date:	06-June-2014
Specification:	FCC 15.247(b) Effective Isotropic Radiated Power (EIRP)

EIRP Measurements

H (dBm)	V (dBm)	V Input (dBm)	H Input (dBm)	Gain (dBm)	EIRP H (dBm)	EIRP V (dBm)
-24.1	-26.4	-10.6	-14.7	9.6	-5.1	-1

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5.1.2 Spurious Power Measurements

Customer:	Cokiya Inc.
EUT:	Gamma Probe, Node-O-Scope
Date:	06-June-2014
Specification:	FCC 15.247(d) Spurious
Detail	High Channel PEAK

Meas. Freq. (kHz)	Ant. Pol. (H/V)	Atten. (dB)	Meter Reading (dBuV)	Antenna Factor (dB)	Path Loss (dB)	RF Gain (dB)	Corrected Reading (dBuV/m)	Spec. limit (dBuV/m)	CR/SL Diff. (dB)	Pass Fail Unc.	Comment
2483.5	H	0.0	40.7	28.8	8.9	31.8	46.6	74.0	-27.4	Pass	Peak
4960	H	0.0	35.7	33.2	12.1	31.5	49.5	74.0	-24.5	Pass	Peak
7440	H	0.0	38	36.6	13.3	31.3	56.6	74.0	-17.4	Pass	Peak
9920	H	0.0	32.8	38.2	15.6	33.2	53.4	74.0	-20.6	Pass	Peak
12400	H	0.0	30.5	39.3	17.5	34.7	52.6	74.0	-21.4	Pass	Peak
14880	H	0.0	30.4	41.8	18.9	30.7	60.4	74.0	-13.6	Pass	Peak
17360	H	0.0	28.9	42.7	18.5	30.7	59.4	74.0	-14.6	Pass	Peak
2483.5	V	0.0	41.1	28.8	8.9	31.8	47.0	74.0	-27.0	Pass	Peak
4960	V	0.0	37	33.2	12.1	31.5	50.8	74.0	-23.2	Pass	Peak
7440	V	0.0	36	36.6	13.3	31.3	54.6	74.0	-19.4	Pass	Peak
9920	V	0.0	33	38.2	15.6	33.2	53.6	74.0	-20.4	Pass	Peak
12400	V	0.0	32.2	39.3	17.5	34.7	54.3	74.0	-19.7	Pass	Peak
14880	V	0.0	30.1	41.8	18.9	30.7	60.1	74.0	-13.9	Pass	Peak
17360	V	0.0	29	42.7	18.5	30.7	59.5	74.0	-14.5	Pass	Peak

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Customer:	Cokiya Inc.
EUT:	Gamma Probe, Node-O-Scope
Date:	06-June-2014
Specification:	FCC 15.247(d) Spurious
Detail	High Channel AVE

Meas. Freq. (MHz)	Ant. Pol. (H/V)	Atten. (dB)	Meter Reading (dBuV)	Antenna Factor (dB)	Path Loss (dB)	RF Gain (dB)	Corrected Reading (dBuV/m)	Spec. limit (dBuV/m)	CR/SL Diff. (dB)	Pass Fail Pass.	Comment
2483.5	H	0.0	40.7	28.8	8.9	31.8	46.6	54.0	-7.4	Pass	Peak
4960	H	0.0	35.7	33.2	12.1	31.5	49.5	54.0	-4.5	Pass	Peak
7440	H	0.0	31.4	36.6	13.3	31.3	50.0	54.0	-4.0	Pass	Average
9920	H	0.0	24	38.2	15.6	33.2	44.6	54.0	-9.4	Pass	Average
12400	H	0.0	23	39.3	17.5	34.7	45.1	54.0	-8.9	Pass	Average
14880	H	0.0	21.6	41.8	18.9	30.7	51.6	54.0	-2.4	Pass	Average
17360	H	0.0	20.5	42.7	18.5	30.7	51.0	54.0	-3.0	Pass	Average
2483.5	V	0.0	41.1	28.8	8.9	31.8	47.0	54.0	-7.0	Pass	Peak
4960	V	0.0	37	33.2	12.1	31.5	50.8	54.0	-3.2	Pass	Peak
7440	V	0.0	29.5	36.6	13.3	31.3	48.1	54.0	-5.9	Pass	Average
9920	V	0.0	24.1	38.2	15.6	33.2	44.7	54.0	-9.3	Pass	Average
12400	V	0.0	22.7	39.3	17.5	34.7	44.8	54.0	-9.2	Pass	Average
14880	V	0.0	21.7	41.8	18.9	30.7	51.7	54.0	-2.3	Pass	Average
17360	V	0.0	20	42.7	18.5	30.7	50.5	54.0	-3.5	Pass	Average

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Customer:	Cokiya Inc.
EUT:	Gamma Probe, Node-O-Scope
Date:	06-June-2014
Specification:	FCC 15.247(d) Spurious
Detail	Mid Channel

Meas. Freq. (MHz)	Ant. Pol. (H/V)	Det. Atten (dB)	Meter Reading (dBuV)	Antenna Factor (dB)	Path Loss (dB)	RF Gain (dB)	Corrected Reading (dBuV/m)	Spec. limit (dBuV/m)	CR/SL Diff. (dB)	Pass Fail Unc.	Comment
4876	H	0.0	34.8	33.2	12.1	31.5	48.6	74.0	-25.4	Pass	Peak
7314	H	0.0	34.1	36.6	13.3	31.3	52.7	74.0	-21.3	Pass	Peak
9752	H	0.0	30.58	38.2	15.6	33.2	51.2	74.0	-22.8	Pass	Peak
12190	H	0.0	29.9	39.3	17.5	34.7	52.0	74.0	-22.0	Pass	Peak
14628	H	0.0	30.3	41.8	18.9	30.7	60.3	74.0	-13.7	Pass	Peak
17066	H	0.0	27.5	42.7	18.5	30.7	58.0	74.0	-16.0	Pass	Peak
4876	V	0.0	35.8	33.2	12.1	31.5	49.6	74.0	-24.4	Pass	Peak
7314	V	0.0	32.1	36.6	13.3	31.3	50.7	74.0	-23.3	Pass	Peak
9752	V	0.0	30.9	38.2	15.6	33.2	51.5	74.0	-22.5	Pass	Peak
12190	V	0.0	29.7	39.3	17.5	34.7	51.8	74.0	-22.2	Pass	Peak
14628	V	0.0	29.6	41.8	18.9	30.7	59.6	74.0	-14.4	Pass	Peak
17066	V	0.0	27.9	42.7	18.5	30.7	58.4	74.0	-15.6	Pass	Peak
4876	H	0.0	30.5	33.2	12.1	31.5	44.3	54.0	-9.7	Pass	Average
7314	H	0.0	27.9	36.6	13.3	31.3	46.5	54.0	-7.5	Pass	Average
9752	H	0.0	23.2	38.2	15.6	33.2	43.8	54.0	-10.2	Pass	Average
12190	H	0.0	21.4	39.3	17.5	34.7	43.5	54.0	-10.5	Pass	Average
14628	H	0.0	21.7	41.8	18.9	30.7	51.7	54.0	-2.3	Pass	Average
17066	H	0.0	19.7	42.7	18.5	30.7	50.2	54.0	-3.8	Pass	Average
4876	V	0.0	31.7	33.2	12.1	31.5	45.5	54.0	-8.5	Pass	Average
7314	V	0.0	28.2	36.6	13.3	31.3	46.8	54.0	-7.2	Pass	Average
9752	V	0.0	26.5	38.2	15.6	33.2	47.1	54.0	-6.9	Pass	Average
12190	V	0.0	22	39.3	17.5	34.7	44.1	54.0	-9.9	Pass	Average
14628	V	0.0	22.1	41.8	18.9	30.7	52.1	54.0	-1.9	Pass	Average
17066	V	0.0	19.7	42.7	18.5	30.7	50.2	54.0	-3.8	Pass	Average

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Customer:	Cokiya Inc.
EUT:	Gamma Probe, Node-O-Scope
Date:	06-June-2014
Specification:	FCC 15.247(d) Spurious
Detail	Low Channel

Meas. Freq. (MHz)	Ant. Pol. (H/V)	Det. Atten. (dB)	Meter Reading (dBuV)	Antenna Factor (dB)	Path Loss (dB)	RF Gain (dB)	Corrected Reading (dBuV/m)	Spec. limit (dBuV/m)	CR/SL Diff. (dB)	Pass Fail Unc.	Comment
4804	H	0.0	38.1	33.2	12.1	31.5	51.9	74.0	-22.1	Pass	Peak
7206	H	0.0	37.2	36.6	13.3	31.3	55.8	74.0	-18.2	Pass	Peak
9608	H	0.0	30.8	38.2	15.6	33.2	51.4	74.0	-22.6	Pass	Peak
12010	H	0.0	30.7	39.3	17.5	34.7	52.8	74.0	-21.2	Pass	Peak
14412	H	0.0	29.9	41.8	18.9	30.7	59.9	74.0	-14.1	Pass	Peak
16814	H	0.0	29.6	42.7	18.5	30.7	60.1	74.0	-13.9	Pass	Peak
4804	V	0.0	34.8	33.2	12.1	31.5	48.6	74.0	-25.4	Pass	Peak
7206	V	0.0	32.2	36.6	13.3	31.3	50.8	74.0	-23.2	Pass	Peak
9608	V	0.0	31.4	38.2	15.6	33.2	52.0	74.0	-22.0	Pass	Peak
12010	V	0.0	29.4	39.3	17.5	34.7	51.5	74.0	-22.5	Pass	Peak
14412	V	0.0	30.1	41.8	18.9	30.7	60.1	74.0	-13.9	Pass	Peak
16814	V	0.0	28.8	42.7	18.5	30.7	59.3	74.0	-14.7	Pass	Peak
4804	H	0.0	30.3	33.2	12.1	31.5	44.1	54.0	-9.9	Pass	Average
7206	H	0.0	32.6	36.6	13.3	31.3	51.2	54.0	-2.8	Pass	Average
9608	H	0.0	32.2	38.2	15.6	33.2	52.8	54.0	-1.2	Pass	Average
12010	H	0.0	25.88	39.3	17.5	34.7	48.0	54.0	-6.0	Pass	Average
14412	H	0.0	21.4	41.8	18.9	30.7	51.4	54.0	-2.6	Pass	Average
16814	H	0.0	20.9	42.7	18.5	30.7	51.4	54.0	-2.6	Pass	Average
4804	V	0.0	26.9	33.2	12.1	31.5	40.7	54.0	-13.3	Pass	Average
7206	V	0.0	24.1	36.6	13.3	31.3	42.7	54.0	-11.3	Pass	Average
9608	V	0.0	23.2	38.2	15.6	33.2	43.8	54.0	-10.2	Pass	Average
12010	V	0.0	21.5	39.3	17.5	34.7	43.6	54.0	-10.4	Pass	Average
14412	V	0.0	21.5	41.8	18.9	30.7	51.5	54.0	-2.5	Pass	Average
16814	V	0.0	21	42.7	18.5	30.7	51.5	54.0	-2.5	Pass	Average

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