

SIM COMPARISON REGISTRATION AND STATUS REPORT

1. MWG Section/Field: MWG1 – EM		2. Comparison identification number: SIM.EM-S2 (SIM.1.4)		
3. Type of comparison: Key <input type="checkbox"/> Supplementary <input checked="" type="checkbox"/> Pilot study <input type="checkbox"/>		4. Subject area: Electric Energy		
5. Participating institutes (and countries):				Bilateral <input type="checkbox"/>
NMI Acronym	NMI Name	Country	Contact	Comments
JBS	Jamaica Bureau of Standards	Jamaica	Desmond Bennet, dbennett@jbs.org.jm , desbenn@yahoo.com	CARIMET pivot
(LACOMET) Designated: ICE	(Laboratorio Costarricense de Metrología) Instituto Costarricense de Electricidad	Costa Rica	(Adrián Solano adsolano@ns.onnum.go.cr) Harold Sánchez hsanchez@ice.co.cr	CAMET pivot Designated
SIC	Superintendencia de Industria y Comercio	Colombia	Alba Luz Quintero, info@sic.gov.co , aquintero@mailcity.com	ANDIMET pivot
INTI	Instituto Nacional de Tecnología Industrial	Argentina	Héctor Laiz, laiz@inti.gov.ar	SURAMET pivot
--	--	(Subregion participants to be coordinated by pivots)	--	--
6. Pilot laboratory:				
NIST	National Institute of Standards and Technology	U.S.	Tom Nelson, Thomas.nelson@nist.gov Tel 301-975-2986 Fax: 301-	Pilot and NORAMET pivot
7. Measurand, unit and nominal value(s): Electric Energy. 120 V, 5 A, and 1.0, 0.5 lag, 0.5 lead power factors at 50 and/or 60 Hz				

8. Description:

Standards involved:

Two RADIAN RM-11-01 energy standards provided by NIST

9. Progress: (Please note date and tick appropriate box to indicate current status)

Date	Status	Pilot	Supplementary	Key
	Proposed to MWG	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Protocol submitted to MWG	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Protocol agreed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Accepted and registered by TC	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Measurements in progress	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Measurements completed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Report in progress	<input type="checkbox"/>	Draft A <input type="checkbox"/>	Draft A <input type="checkbox"/>
			Draft B <input type="checkbox"/>	Draft B <input type="checkbox"/>
	Report submitted to MWG	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Results approved	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Approved for Equivalence	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Progression to Key Comparison	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Abandoned	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Comments:

See "Test and Shipping Procedure for SIM International Comparison of 50/60/Hz Energy" in <http://www.eeel.nist.gov/SIM/SIM/Energy-test-procedure.htm> (password protected) and use <http://www.velocecorp.net/wwwboard/wwwboard.html> for comments.

Publication reference:**10. Measurement start date:**

September 2002

11. Expected measurement completion date:

December 2003

12. Contact person's name: Harold Sánchez**Address:****Telephone:** +506-283-4622**e-mail** hsanchez@ice.go.cr**Fax:** +506-234-8514**Web address:****13. Registration form submitted by:** Harold Sanchez**14. Date:** 2002-10-22