Y	N	N/A	77. Ask for uncertainty calculations procedure and explanations of contributing factors for radiated emission.	
V. TEST REPORTS (Assessor should request to review several sample test reports for various types of products)				
Y	N	N/A	78. Does each of the test reports contain all the information requested in ANSI C63.4-2003, Section 10, and Part 2 (and other applicable Parts) of the FCC Rules?	
Y	N	N/A	79. Is the standard to which the EUT was tested clearly referenced in the test report, per ANSI C63.4-2003, Section 10.1.1? If an alternative procedure was used, are the deviations clearly defined and justified per ANSI C63.4-2003, Section 10.1.9?	
Y	N	N/A	80. Is the rationale for selecting and arranging the EUT clearly stated and are the components of the EUT system clearly identified per ANSI C63.4-2003, Section 10.1.2?	
Y	N	N/A	81. Can a regulatory agency or reasonably competent test engineer duplicate the test results from the description of the EUT and test setup? Are there adequate photographs and descriptive material included in the report per ANSI C63.4-2003, Section 10.1.12?	
Y	N	N/A	82. Does the measurement report include a sample calculation with all conversion and correction factors used?	
Y	N	N/A	83. Is the test report signed in accordance with ANSI C63.4-2003, Section 10.1.11?	
Y	N	N/A	84. Is the test report signed in accordance with the requirements of the accrediting body?	

VI. PERSONNEL COMPETENCY (The following is a list of general or lead-in questions, which are intended to be used as a guide to assess competency of laboratory personnel. Additional specific questions should be used to determine the technical competency of the personnel performing the measurements, when appropriate. More probing questions should be asked of the person responsible for and signing the report of measurements.)

Questions to ask: (The assessor should check Y (yes) or N (no) based on his/her belief that the laboratory personnel have provide the proper responses to the specific question(s).)

Y	N	N/A	85. Is there sufficient training and supervision in place to ensure technical competency of the personnel performing the measurements?	
Y	N	N/A	86. Has at least one laboratory person demonstrated appropriate working knowledge of each of the documents under Section I, above, with others demonstrating a working knowledge of documents used for specific tests, as appropriate?	
Y	N	N/A	87. Are laboratory personnel able to obtain recent and appropriate interpretations of the FCC Rules?	
Y	N	N/A	88. Does the test person know how to perform radiated emission exploratory measurements?	
Y	N	N/A	89. Does the test person know the difference between exploratory and final radiated emission measurements?	
Y	N	N/A	90. Does the test person understand how exploratory test results relate to final radiated emission measurements?	
Y	N	N/A	91. Does the test person know how to determine if the emission is from the EUT or an ambient?	
Y	N	N/A	92. Does the test person know how to handle an emission that is close to or coincident with an ambient?	
Y	N	N/A	93. Does the test person know how to identify and avoid potential overload conditions of the test instrumentation?	

Y	N	N/A	94. Does the test person know when CISPR 22 can be used to show compliance with Part 15 and the conditions of its use?	
Y	N	N/A	95. For measurement of ISM equipment. is the test person knowledgeable of the intricacies and special procedures in MP-5 and the rules in 47 CFR Part 18?	
Y	N	N/A	96. Are coax cables, antennas, receiver or spectrum analyzer checked at the start of each test for proper operation?	
Y	N	N/A	97. Can the test person explain the FCC requirements for testing a product in 47 CFR 15.31-15.37? Is he/she knowledgeable of the FCC testing conditions for different types of products?	
Y	N	N/A	98. Can the test person describe at least three different types of examples of IT equipment to be tested? Can he/she demonstrate or explain how the equipment would be setup and tested? Can he/she adequately discuss the assumptions that went into the test setup?	
Y	N	N/A	99. For a laboratory providing *in-situ* testing service, can the test person satisfactorily describe how measurements would be performed at the user's location?	
Y	N	N/A	100. Have someone at each type of site, at the lab, replicate at least three frequency points on the horizontal site attenuation and at least three frequency points on the vertical site attenuation. Is the test performed correctly and is the site attenuation data at these frequencies consistent with the previously recorded data? Suggestion: Pick frequencies from	NSA data was reviewed but test points were not taken on this assessment.

			previous data that have both low and high deviations from the NSA.	

ON-SITE CHECKLIST FOR FCC PART 15 DEVICES

Instructions to the Assessor: Use this sheet to document comments and nonconformities. For each, identify the appropriate item number from the checklist. If additional space is needed make copies of this page (or use additional blank sheets).

Item No.	*Comments or Non-Conformity*
ISO/IEC 17025, clause 4.9.2 TB-AA08-02	**Most recent NSA data has 2 measurement points > 4.0 dB from theoretical (both were 4.1 dB). No record of corrective action taken.**
FCC Requirement 43 TB-AA08-10	**Nothing is done to verify that influence of site reflections and other site variables > 1 GHz, contrary to (ANSI C63.4-2003, Section 8.2.4).**

ACLASS SCOPE/METHOD ASSESSMENT REVIEW

17025 Assessor Report
Method Review Matrix

Lab Name: [redacted]

Assessment Dates:
Nov. 5-7, 2008

Areas of Accreditation: **EMC, Product Safety, Radio and Telecommunication tests**

ISO/IEC 17025 Section ——►

Parameter / Test Name or Technology:	Test Standard / Method (from scope)	Notes	Depth of Assessment
EMISSION STANDARDS AND TEST METHODS			
Radiated & Conducted Emissions	FCC Part 15 B/C/D/E using ANSI C63.4 (2003) & ANSI C63.17		P/I/E
	FCC Part 18 using FCC OST/MP-05 (1986)		P/I/E
	FCC Report and Order ET Docket 98-153 (FCC 02-48)		P/I/E
	Procedures IDB 20040420-001		P/I/E
	Procedures in IDB 20021108-001 with FCC Method 47 CFR Part 15, Subpart F: DA 00-705 (March 30, 2000) and KDB Pub No. 558074, KDB Pub. No. 200433 DA 02-2138		P/I/E
	CISPR 22 (1997)+A1, (2000)+A2, (2002), CISPR 22 (2005)		P/I/E
	EN 55022 (1998)+A1, (2000)+A2, (2003), EN 55022 (2006)		P/I/E
	AS/NZS CISPR 22 CAN/CSA-CEI/IEC CISPR 22 CNS 13438		P/I/E
	KN 22 with RRL Notice # 2007-100 (Dec 26, 2007)		P/I/E
	CISPR 11 (1997)+A1, (1999)+A2, (2002)		P/I/E
	EN 55011 (1998)+A1, (1999)+A2, (2002) AS/NZS CISPR 11		P/I/E

	KN11 with RRL Notice 2007-100 (Dec 26, 2007)	P/I/E
	CNS 13803	P/I/E
Harmonics	IEC 61000-3-2 (2000)+A1, (2001)+A2, (2004)[1],	P/I/E
	IEC 61000-3-2 (2005); EN 61000-3-2 (2000)+A2, (2005),	P/I/E
	EN 61000-3-2 (2006)	P/I/E
	AS/NZS 61000-3-2	P/I/E
Flicker	IEC 61000-3-3 (1994)+A1, (2001)+A2, (2005)	P/I/E
	EN 61000-3-3 (1995)+A1, (2001)+A2, (2005)	P/I/E
	AS/NZS 61000-3-3	P/I/E
Generic / Product Specific Emissions Standards	IEC 61000-6-3 EN 61000-6-3 AS/NZS 61000.6.3	P/I/E
	IEC 61000-6-4 EN 61000-6-4 AS/NZS 61000.6.4	P/I/E
	CISPR 14-1 (2000)+A1, (2001)+A2, (2002), (excluding measurement of clicks)	P/I/E
		P/I/E
	EN 55014-1 (2000)+A1, (2001)+A2, (2002), (excluding measurement of clicks)	P/I/E
	AS/NZS CISPR 14-1 (excluding measurement of clicks)	P/I/E
	CNS 13783-1 (2001)+A1, (excluding measurement of clicks)	P/I/E
	CISPR 25, sections 6.2, 6.3 and 6.4 only	P/I/E

IMMUNITY STANDARD AND TEST METHODS

ESD	IEC 61000-4-2 (1995)+A1, (1997)+A2, (1998)	P/I/E
	EN 61000-4-2 (1995)+A1, (1999)+A2, (2001)	P/I/E
	KN 61000-4-2	P/I/E

RF Immunity (Up to 2.7 GHz, 20 V/m)	IEC 61000-4-3 (2002)+A1, (2002) IEC 61000-4-3 (2006)	P/I/E
	EN 61000-4-3 (2002)+A1, (2003), EN 61000-4-3 (2006)	P/I/E
	KN 61000-4-3	P/I/E
EFT	EFT IEC 61000-4-4 (1995)+A1, (2000)+A2, (2001)	P/I/E
	IEC 61000-4-4 (2004)	P/I/E
	EN 61000-4-4 (1995)+A1, (2001)+A2, (2002)	P/I/E
	EN 61000-4-4 (2004); KN 61000-4-4	P/I/E
Surge	IEC 61000-4-5 (1995)+A1, (2000), IEC 61000-4-5 (2005)	P/I/E
	EN 61000-4-5 (1995)+A1, (2001), EN 61000-4-5 (2006)	P/I/E
	KN 61000-4-5	P/I/E
Conducted Immunity	IEC 61000-4-6 (1996)+A1, (2001),	P/I/E
	IEC 61000-4-6 (2003)+A1, (2004)+A2, (2006)	P/I/E
	EN 61000-4-6 (1996)+A1, (2001),	P/I/E
	EN 61000-4-6 (2007), KN 61000-4-8	O/P/I/E
Low Frequency Magnetic	IEC 61000-4-8 (1993)+A1, (2000)	P/I/E
	EN 61000-4-8 (1994)+A1, (2001)	P/I/E
	KN 61000-4-8	P/I/E
Pulse Magnetic	IEC 61000-4-9 (1993)+A1, (2000)	P/I/E
	EN 610000-4-9 (1993)+A1, (2001)	P/I/E

Damped Oscillator Magnetic	IEC 61000-4-10 (1993)+A1, (2000)	P/I/E
	EN 61000-4-10 (1993)+A1, (2001)	P/I/E
Power Drop	IEC 61000-4-11 (1994)+A1, (2000), IEC 61000-4-11 (2004)	P/I/E
	EN 61000-4-11 (1994)+A1, (2002), EN 61000-4-11 (2004)	O/P/I/E
	KN 61000-4-11	P/I/E
Ring Waves Immunity	IEC 61000-4-12 (1995)+A1, (2000), IEC 61000-4-12 (2006)	P/I/E
	EN 61000-4-12 (1995)+A1, (2001), EN 61000-4-12 (2006)	P/I/E
Generic/Product Specific Immunity Standard	CISPR 24 (1997)+A1, (2001)+A2, (2002)	P/I/E
	EN55024 (1998)+A1, (2001)+A2, (2003)	P/I/E
	KN 24 with RRL Notice No 2007-101, (Dec 26, 2007)	P/I/E
	AS/NZS CISPR 24:2002	P/I/E
	EN 61000-6-1 EN 61000-6-2 AS/NZS 4254.1	P/I/E
	EN 55103-2	P/I/E
	EN 50130-4	P/I/E
Combined Emissions Generic/Product Specific Standards	IEC 60601-1-2	P/I/E
	EN 60601-1-2	P/I/E
	IEC 61326	P/I/E
	EN 61326	P/I/E

RADIO TESTS

		P/I/E
Europe	ETSI EN 300 086-2	P/I/E
	ETSI EN 300 197	P/I/E

	ETSI EN 300 219-1	P/I/E
	ETSI EN 300 220-3	P/I/E
	ETSI EN 300 328-2	P/I/E
	ETSI EN 300 330-2	P/I/E
	ETSI EN 300 390-2	P/I/E
	ETSI EN 300 440-2	P/I/E
	ETS 300 683	P/I/E
	ETSI EN 301 489-1	P/I/E
	ETSI EN 301 489-3	P/I/E
	ETSI EN 301 489-4	P/I/E
	ETSI EN 301 489-17	P/I/E
	ETSI EN 300 826	P/I/E
USA	TIA/EIA 603-C using 47 CFR Parts 2, 22 (cellular and noncellular), 24, 25, 26, 27, 74, 80, 87, 90, 95, 97 and 101	P/I/E
		P/I/E
Canada	RSS-Gen	P/I/E
	RSS-102 (excluding SAR)	P/I/E
	RSS-117	P/I/E
	RSS-118	P/I/E
	RSS-119	P/I/E
	RSS-123	P/I/E
	RSS-125	P/I/E
	RSS-128	P/I/E
	RSS-129	P/I/E
	RSS-130	P/I/E
	RSS 130, Annex 1, Issue 2	P/I/E
	RSS 130 Attachment 1	P/I/E
	RSS-131	P/I/E
	RSS-132	P/I/E
	RSS-133	P/I/E
	RSS-134	P/I/E
	RSS-135	P/I/E
	RSS-136	P/I/E

	RSS-137	P/M/E
	RSS-139	P/M/E
	RSS-141	P/M/E
	RSS-142	P/M/E
	RSS-170	P/M/E
	RSS-181	P/M/E
	RSS-182	P/M/E
	RSS-187	P/M/E
	RSS-188	P/M/E
	RSS-191	P/M/E
	RSS-192	P/M/E
	RSS-193	P/M/E
	RSS-195	P/M/E
	RSS-210	P/M/E
	RSS-212	P/M/E
	RSS-213	P/M/E
	RSS-215	P/M/E
	RSS-243	P/M/E
	RSS-287	P/M/E
	RSS-310	P/M/E

MILITARY EMC STANDARDS AND TEST METHODS

Conducted Emissions	MIL-STD-461E: Methods CE101, CE102, CE108	P/M/E
	MIL-STD-462D: Methods CE101, CE102, CE106	P/M/E
	MIL-STD-462C: Methods CE01, CE02, CE03, CE06	P/M/E
Radiated Emissions	MIL-STD-461E: Methods RE101, RE102 and RE103	P/M/E
	MIL-STD-462D: Methods RE101, RE102 and RE 103	P/M/E
	MIL-STD-462C: Methods RE01, RE02 and RE03	P/M/E
Conducted Susceptibility	MIL-STD-461E: Methods CS101, CS 103; CS 104; CS 105, CS109, CS114, CS115, CS116	P/M/E

	MIL-STD-462D: Methods CS101, CS103, CS114, CS115, CS116;	P/I/E
	MIL-STD-462: Methods, CS01, CS02, CS03, CS04, CS05, CS06, CS08	P/I/E
Radiated Susceptibility	MIL-STD-461E: Methods RS101, RS103;	P/I/E
	MIL-STD-461/462D: Methods RS101, RS103	P/I/E
AIRBORNE EQUIPMENT		
Magnetic Effects	RTCA DO-160E: Section 15	P/I/E
Power Input	RTCA DO-160E. Section 16	P/I/E
Voltage Spikes	RTCA DO-160E Section 17	P/I/E
Audio Frequency Conducted Susceptibility	RTCA DO-160E: Section 18	P/I/E
Induced Signal Susceptibility	RTCA DO-160E. Section 19	P/I/E
Conducted Susceptibility	RTCA DO-160E: Section 20.4	P/I/E
Radiated Susceptibility	RTCA DO-160E: Section 20.5	P/I/E
Lighting Induced Transient Susceptibility	RTCA DO-160E: Section 22	P/I/E
ESD	RTCA DO-160E: Section 25	P/I/E
PRODUCT SAFETY ***(Exclusion : UV exposure and resistance to UV exposure, ionizing radiation.)***		
ITE	IEC 60950 (2001)	P/I/E

	IEC 60950-1 (2005)	P/I/E
	EN 60950 (2000)	P/I/E
	EN 60950-1 (2006)	P/I/E
	AS/NZS 60950-1 (2003);	P/I/E
	ANSI/UL 60950-1 (2007)	P/I/E
	CAN/CSA C22.2 60950-1 (2007)	P/I/E
Measurement, Control and Lab use	IEC 61010-1 (2001)	P/I/E
	EN 61010-1 (2001)	P/I/E
	UL 61010-1 (2004)	P/I/E
	CAN/CSA C22.2 61010-1 (2004)	P/I/E
Medical Equipment	IEC 60601-1 (1988)	P/I/E
	IEC 60601-1-2	P/I/E
	EN 60601-1 (1990)	P/I/E
	EN 60601-1-2	P/I/E
	UL 60601-1 (2003)	P/I/E
Machinery	IEC 60204-1 (1997)	P/I/E
	EN 60204-1 (1997)	P/I/E
Transmitters	EN 60215 (1989)	P/I/E

Environmental

High temperature	Mil Std 810, Method 501 4	P/I/E

Low temperature	Mil Std 810, Method 502.4	P/I/E
Humidity	Mil Std 810, Method 507.4	P/I/E
Immersion	Mil Std 810, Method 512.4	P/I/E

Eval. Codes
O
I
P
E
F

5.2 Name(s) of Personnel Interviewed	5.3, 5.5 Accomodation & Environment / Equipment & Ref. Materials	5.4 Procedure / Operating Instructions	5.4.6 Measurement Uncertainty Verification	5.6 Traceability; Verification & Calibration	5.7, 5.8 Sampling; Handling / Preparation	5.9 Quality Checks	4.13 Records	5.10 Reports / Certificate
[redacted]	OK - outdoor site	Site supplemented by laboratory SLP's	Reviewed / Deviation from CISPR 16-4-2	Internal cal of some items	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
	OK - outdoor site	Site supplemented by laboratory SLP's	Reviewed / Deviation from CISPR 16-4-2	Internal cal of some items	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
	OK - outdoor site	Site supplemented by laboratory SLP's	Reviewed / Deviation from CISPR 16-4-2	Internal cal of some items	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
	OK - outdoor site	Site supplemented by laboratory SLP's	Reviewed / Deviation from CISPR 16-4-2	Internal cal of some items	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
	OK - outdoor site	Site supplemented by laboratory SLP's	Reviewed / Deviation from CISPR 16-4-2	Internal cal of some items	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
	OK - outdoor site	Site supplemented by laboratory SLP's	Reviewed / Deviation from CISPR 16-4-2	Internal cal of some items	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
	OK - outdoor site	Site supplemented by laboratory SLP's	Reviewed / Deviation from CISPR 16-4-2	Internal cal of some items	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
	OK - outdoor site	Site supplemented by laboratory SLP's	Reviewed / Deviation from CISPR 16-4-2	Internal cal of some items	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
	OK - outdoor site	Site supplemented by laboratory SLP's	Reviewed / Deviation from CISPR 16-4-2	Internal cal of some items	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
	OK - outdoor site	Site supplemented by laboratory SLP's	Reviewed / Deviation from CISPR 16-4-2	Internal cal of some items	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
	OK - outdoor site	Site supplemented by laboratory SLP's	Reviewed / Deviation from CISPR 16-4-2	Internal cal of some items	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed

OK - outdoor site	Site supplemented by laboratory SLP's	Reviewed / Deviation from CISPR 16-4-2	Internal cal of some items	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
OK - outdoor site	Site supplemented by laboratory SLP's	Reviewed / Deviation from CISPR 16-4-2	Internal cal of some items	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
OK - lab ambient	Site supplemented by laboratory SLP's	Reviewed / Deviation from CISPR 16-4-2	OK	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
OK - lab ambient	Site supplemented by laboratory SLP's	Reviewed / Deviation from CISPR 16-4-2	OK	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
OK - lab ambient	Site supplemented by laboratory SLP's	Reviewed / Deviation from CISPR 16-4-2	OK	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
OK - lab ambient	Site supplemented by laboratory SLP's	Reviewed / Deviation from CISPR 16-4-2	OK	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
OK - lab ambient	Site supplemented by laboratory SLP's	Reviewed / Deviation from CISPR 16-4-2	OK	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
OK - lab ambient	Site supplemented by laboratory SLP's	Reviewed / Deviation from CISPR 16-4-2	OK	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
OK - lab ambient	Site supplemented by laboratory SLP's	Reviewed / Deviation from CISPR 16-4-2	OK	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
OK - outdoor site	Site supplemented by laboratory SLP's	Reviewed / Deviation from CISPR 16-4-2	Internal cal of some items	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
OK - outdoor site	Site supplemented by laboratory SLP's	Reviewed / Deviation from CISPR 16-4-2	Internal cal of some items	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
OK - outdoor site	Site supplemented by laboratory SLP's	Reviewed / Deviation from CISPR 16-4-2	Internal cal of some items	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
OK - outdoor site	Site supplemented by laboratory SLP's	Reviewed / Deviation from CISPR 16-4-2	Internal cal of some items	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
OK - outdoor site	Site supplemented by laboratory SLP's	Reviewed / Deviation from CISPR 16-4-2	Internal cal of some items	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
OK - outdoor site	Site supplemented by laboratory SLP's	Reviewed / Deviation from CISPR 16-4-2	Internal cal of some items	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
OK - outdoor site	Site supplemented by laboratory SLP's	Reviewed / Deviation from CISPR 16-4-2	Internal cal of some items	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
OK - outdoor site	Site supplemented by laboratory SLP's	Reviewed / Deviation from CISPR 16-4-2	Internal cal of some items	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
OK - lab ambient	Site supplemented by laboratory SLP's	Reviewed / Deviation from CISPR 16-4-2	OK	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
OK - lab ambient	Site supplemented by laboratory SLP's	Reviewed / Deviation from CISPR 16-4-2	OK	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
OK - lab ambient	Site supplemented by laboratory SLP's	Reviewed / Deviation from CISPR 16-4-2	OK	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed

OK - lab ambient	Site supplemented by laboratory SLP's	Reviewed / Deviation from CISPR 16-4-2	OK	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
OK - lab ambient	Site supplemented by laboratory SLP's	Reviewed / Deviation from CISPR 16-4-2	OK	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
OK - lab ambient	Site supplemented by laboratory SLP's	Reviewed / Deviation from CISPR 16-4-2	OK	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
OK - lab ambient	Site supplemented by laboratory SLP's	Reviewed / Deviation from CISPR 16-4-2	OK	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
OK - lab ambient	Site supplemented by laboratory SLP's	Reviewed / Deviation from CISPR 16-4-2	OK	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
OK - lab ambient	Site supplemented by laboratory SLP's	Reviewed / Deviation from CISPR 16-4-2	OK	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
OK - lab ambient	Site supplemented by laboratory SLP's	Reviewed / Deviation from CISPR 16-4-2	OK	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
OK - lab ambient	Site supplemented by laboratory SLP's	Reviewed / Deviation from CISPR 16-4-2	OK	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
OK - lab ambient	Site supplemented by laboratory SLP's	Reviewed / Deviation from CISPR 16-4-2	OK	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
OK - lab ambient	Site supplemented by laboratory SLP's	Reviewed / Deviation from CISPR 16-4-2	Some items calibrated internally	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
OK - lab ambient	Site supplemented by laboratory SLP's	Reviewed / Deviation from CISPR 16-4-2	Some items calibrated internally	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
OK - lab ambient	Site supplemented by laboratory SLP's	Reviewed / Deviation from CISPR 16-4-2	Some items calibrated internally	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
OK - lab ambient	Site supplemented by laboratory SLP's	Reviewed / Deviation from CISPR 16-4-2	Some items calibrated internally	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
OK - lab ambient	Site supplemented by laboratory SLP's	Reviewed / Deviation from CISPR 16-4-2	OK	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
OK - lab ambient	Site supplemented by laboratory SLP's	Reviewed / Deviation from CISPR 16-4-2	OK	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
OK - lab ambient	Site supplemented by laboratory SLP's	Reviewed / Deviation from CISPR 16-4-2	OK	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
OK - lab ambient	Site supplemented by laboratory SLP's	Reviewed / Deviation from CISPR 16-4-2	OK	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
OK - lab ambient	Site supplemented by laboratory SLP's	Reviewed / Deviation from CISPR 16-4-2	OK	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
OK - lab ambient	Site supplemented by laboratory SLP's	Reviewed / Deviation from CISPR 16-4-2	OK	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed

OK - lab ambient	Sids supplemented by laboratory SLP's	Reviewed / Deviation from CISPR 16-4-2	OK	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
OK - lab ambient	Sids supplemented by laboratory SLP's	Reviewed / Deviation from CISPR 16-4-2	OK	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
OK - lab ambient	Sids supplemented by laboratory SLP's	Reviewed / Deviation from CISPR 16-4-2	OK	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
OK - lab ambient	Sids supplemented by laboratory SLP's	Reviewed / Deviation from CISPR 16-4-2	OK	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
OK - lab ambient	Sids supplemented by laboratory SLP's	Reviewed / Deviation from CISPR 16-4-2	OK	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
OK - lab ambient	Sids supplemented by laboratory SLP's	Reviewed / Deviation from CISPR 16-4-2	OK	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
OK - lab ambient	Sids supplemented by laboratory SLP's	Reviewed / Deviation from CISPR 16-4-2	OK	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
OK - lab ambient	Sids supplemented by laboratory SLP's	Reviewed / Deviation from CISPR 16-4-2	OK	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
OK - lab ambient	Sids supplemented by laboratory SLP's	Reviewed / Deviation from CISPR 16-4-2	OK	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
OK - lab ambient	Sids supplemented by laboratory SLP's	Reviewed / Deviation from CISPR 16-4-2	OK	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
OK - lab ambient	Sids supplemented by laboratory SLP's	Reviewed / Deviation from CISPR 16-4-2	OK	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
OK - lab ambient	Sids supplemented by laboratory SLP's	Reviewed / Deviation from CISPR 16-4-2	OK	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
OK - lab ambient	Sids supplemented by laboratory SLP's	Reviewed / Deviation from CISPR 16-4-2	OK	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
OK - lab ambient	Sids supplemented by laboratory SLP's	Reviewed / Deviation from CISPR 16-4-2	OK	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
OK - lab ambient	Sids supplemented by laboratory SLP's	Reviewed / Deviation from CISPR 16-4-2	OK	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
OK - lab ambient	Sids supplemented by laboratory SLP's	Reviewed / Deviation from CISPR 16-4-2	OK	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
OK - lab ambient	Sids supplemented by laboratory SLP's	Reviewed / Deviation from CISPR 16-4-2	OK	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
OK - lab ambient	Sids supplemented by laboratory SLP's	Meas Unc: N/A	OK	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
OK - lab ambient	Sids supplemented by laboratory SLP's	Meas Unc: N/A	OK	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
OK - lab ambient	Sids supplemented by laboratory SLP's	Meas Unc: N/A	OK	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed

OK - lab ambient	Sids supplemented by laboratory SLP's	Meas Unc N/A	OK	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
OK - lab ambient	Sids supplemented by laboratory SLP's	Meas Unc N/A	OK	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
OK - lab ambient	Sids supplemented by laboratory SLP's	Meas Unc N/A	OK	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
OK - lab ambient	Sids supplemented by laboratory SLP's	Meas Unc N/A	OK	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
OK - lab ambient	Sids supplemented by laboratory SLP's	Meas Unc N/A	OK	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
OK - lab ambient	Sids supplemented by laboratory SLP's	Meas Unc N/A	OK	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
OK - lab ambient	Sids supplemented by laboratory SLP's	Meas Unc N/A	OK	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
OK - lab ambient	Sids supplemented by laboratory SLP's	Meas Unc N/A	OK	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
OK - lab ambient	Sids supplemented by laboratory SLP's	Meas Unc N/A	OK	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
OK - lab ambient	Sids supplemented by laboratory SLP's	Meas Unc N/A	OK	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
OK - lab ambient	Sids supplemented by laboratory SLP's	Meas Unc N/A	OK	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
OK - lab ambient	Sids supplemented by laboratory SLP's	Meas Unc N/A	OK	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
OK - lab ambient	Sids supplemented by laboratory SLP's	Meas Unc N/A	OK	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
OK - lab ambient	Sids supplemented by laboratory SLP's	Meas Unc N/A	OK	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
OK - lab ambient	Sids supplemented by laboratory SLP's	Meas Unc N/A	OK	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
OK - lab ambient	Sids supplemented by laboratory SLP's	Meas Unc N/A	OK	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
OK - lab ambient	Sids supplemented by laboratory SLP's	Meas Unc N/A	OK	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
OK - lab ambient	Sids supplemented by laboratory SLP's	Meas Unc N/A	OK	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
OK - lab ambient	Sids supplemented by laboratory SLP's	Meas Unc N/A	OK	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
OK - lab ambient	Sids supplemented by laboratory SLP's	Meas Unc N/A	OK	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
OK - lab ambient	Sids supplemented by laboratory SLP's	Meas Unc N/A	OK	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
OK - lab ambient	Sids supplemented by laboratory SLP's	Meas Unc N/A	OK	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
OK - lab ambient	Sids supplemented by laboratory SLP's	Meas Unc N/A	OK	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
OK - lab ambient	Sids supplemented by laboratory SLP's	Meas Unc N/A	OK	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
OK - lab ambient	Sids supplemented by laboratory SLP's	Meas Unc N/A	OK	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
OK - lab ambient	Sids supplemented by laboratory SLP's	Meas Unc N/A	OK	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
OK - lab ambient	Sids supplemented by laboratory SLP's	Meas Unc N/A	OK	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed

OK - lab ambient	Stds supplemented by laboratory SLP's	Meas Unc N/A	OK	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed

[redacted]	OK - lab ambient	laboratory SLP's	CISPR 16-4-2	externally	Network based system	Doc Preparation Review	OK - reviewed	OK - reviewed
	OK - lab ambient	Sids supplemented by laboratory SLP's	Reviewed / Deviation from CISPR 16-4-2	Some items calibrated externally	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
	OK - lab ambient	Sids supplemented by laboratory SLP's	Reviewed / Deviation from CISPR 16-4-2	OK	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
	OK - lab ambient	Sids supplemented by laboratory SLP's	Reviewed / Deviation from CISPR 16-4-2	OK	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
[redacted]	OK - lab ambient	Sids supplemented by laboratory SLP's	Reviewed / Deviation from CISPR 16-4-2	OK	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
	OK - lab ambient	Sids supplemented by laboratory SLP's	Reviewed / Deviation from CISPR 16-4-2	OK	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
	OK - lab ambient	Sids supplemented by laboratory SLP's	Reviewed / Deviation from CISPR 16-4-2	OK	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
	OK - lab ambient	Sids supplemented by laboratory SLP's	Reviewed / Deviation from CISPR 16-4-2	OK	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
	OK - lab ambient	Sids supplemented by laboratory SLP's	Reviewed / Deviation from CISPR 16-4-2	OK	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
	OK - lab ambient	Sids supplemented by laboratory SLP's	Reviewed / Deviation from CISPR 16-4-2	Some items calibrated externally	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
	OK - lab ambient	Sids supplemented by laboratory SLP's	Reviewed / Deviation from CISPR 16-4-2	OK	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
	OK - lab ambient	Sids supplemented by laboratory SLP's	Reviewed / Deviation from CISPR 16-4-2	OK	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
	OK - lab ambient	Sids supplemented by laboratory SLP's	Reviewed / Deviation from CISPR 16-4-2	OK	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
[redacted]	OK - lab ambient	Sids supplemented by laboratory SLP's	Meas Unc: N/A Samples traced w/ TUV	3 devices calibrated externally	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed

OK - lab ambient	Stds supplemented by laboratory SLP's	Meas Unc: N/A Samples traded w/ TUV	3 devices calibrated internally	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
OK - lab ambient	Stds supplemented by laboratory SLP's	Meas Unc: N/A Samples traded w/ TUV	3 devices calibrated internally	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
OK - lab ambient	Stds supplemented by laboratory SLP's	Meas Unc: N/A Samples traded w/ TUV	3 devices calibrated internally	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
OK - lab ambient	Stds supplemented by laboratory SLP's	Meas Unc: N/A Samples traded w/ TUV	3 devices calibrated internally	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
OK - lab ambient	Stds supplemented by laboratory SLP's	Meas Unc: N/A Samples traded w/ TUV	3 devices calibrated internally	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
OK - lab ambient	Stds supplemented by laboratory SLP's	Meas Unc: N/A Samples traded w/ TUV	3 devices calibrated internally	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
OK - lab ambient	Stds supplemented by laboratory SLP's	Meas Unc: N/A Samples traded w/ TUV	3 devices calibrated internally	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
OK - lab ambient	Stds supplemented by laboratory SLP's	Meas Unc: N/A Samples traded w/ TUV	3 devices calibrated internally	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
OK - lab ambient	Stds supplemented by laboratory SLP's	Meas Unc: N/A Samples traded w/ TUV	3 devices calibrated internally	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
OK - lab ambient	Stds supplemented by laboratory SLP's	Meas Unc: N/A Samples traded w/ TUV	3 devices calibrated internally	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
OK - lab ambient	Stds supplemented by laboratory SLP's	Meas Unc: N/A Samples traded w/ TUV	3 devices calibrated internally	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
OK - lab ambient	Stds supplemented by laboratory SLP's	Meas Unc: N/A Samples traded w/ TUV	3 devices calibrated internally	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
OK - lab ambient	Stds supplemented by laboratory SLP's	Meas Unc: N/A Samples traded w/ TUV	3 devices calibrated internally	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
OK - lab ambient	Stds supplemented by laboratory SLP's	Meas Unc: N/A Samples traded w/ TUV	3 devices calibrated internally	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
OK - lab ambient	Stds supplemented by laboratory SLP's	Meas Unc: N/A Samples traded w/ TUV	3 devices calibrated internally	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
OK - lab ambient	Stds supplemented by laboratory SLP's	Meas Unc: N/A Samples traded w/ TUV	3 devices calibrated internally	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
OK - lab ambient	Stds supplemented by laboratory SLP's	Meas Unc: N/A Samples traded w/ TUV	3 devices calibrated internally	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
OK - lab ambient	Stds supplemented by laboratory SLP's	Meas Unc: N/A Samples traded w/ TUV	3 devices calibrated internally	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
OK - lab ambient	Stds supplemented by laboratory SLP's	Meas Unc: N/A Samples traded w/ TUV	3 devices calibrated internally	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed

	OK - lab ambient	Stds supplemented by laboratory SLP's	Meas Unc: N/A Samples traded w/ TUV	3 devices calibrated internally	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
	OK - lab ambient	Stds supplemented by laboratory SLP's	Meas Unc: N/A Samples traded w/ TUV	3 devices calibrated internally	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed
	OK - lab ambient	Stds supplemented by laboratory SLP's	Meas Unc: N/A Samples traded w/ TUV	3 devices calibrated internally	Network based system	Lead Eng & Doc Preparation Review	OK - reviewed	OK - reviewed

Description
Observed Calibration or Test
Interviewed Personnel
Procedure Reviewed
Equipment Inspected
Field (On-Site) Calibration and/or Test

Attachment E – Non-Conformance Records

ACLASS NON-CONFORMANCE RECORD

Reference Information

Customer Name:	[redacted]	Date:	November 5, 2008
Type of Assessment:	☒ AA ☐ SA ☐ RA ☐ TRA ☐ TSA ☐ Follow-up Visit ☐ Scope Expansion	NC#:	**TB-AA08-01**
Assessor: **Terry Burgess**		Clause #:	4.3
Was finding previously written-up from last assessment?	☐ YES ☒ NO		

Type of Finding

☒	**Major**	☐	**Minor**	☐	**Opportunity**

Description of Finding

The laboratory does not have a viable Document Control process. The Master Document List (SOP List) has invalid revision numbers, draft documents listed that have been in revision for years, and other documents that could not be located. Superseded documents could not be found. In the documents themselves, many either have no page numbers or have page numbers but no indication of the end of the document. There is no issuing authority identified. The altered text is not always identified. A large repository of obsolete documents is kept in a separate room but the documents are not marked as obsolete and access to the room is not controlled. Documents have not been periodically reviewed.

Customer's Acknowledgement of Receipt of Finding

Name:	[redacted]	Date:	November 5, 2008

Organization - Proposed Corrective Action Plan

Please attach to this form, your CAR number (if relevant) and your responses, including:

- **Root Cause Analysis (how / why did this happen?)**
- **Short-term corrective action (what steps will be in the immediate fix?)**
- **Longer-term corrective action (include completion dates and actions to prevent re-occurrence)**

Acceptance of Response by ACLASS

RESPONSE ACCEPTABLE?	☐ YES ☐ NO		
Date :		**Approved By:**	

If response is "NO" or warrants comment, do so below:

Additional Response Acceptable? ☐ YES ☐ NO	**If response is "NO" again, contact ACLASS Accreditation Manager(s) for guidance.**	**Date:**	
		Approved by:	

Verification of Response by ACLASS

IMPLEMENTATION ACCEPTABLE? (verified next visit)		**Date:**	
☐ YES ☐ NO		**Approved By:**	

If response is "NO" or warrants comment, do so below: