THE AMERICAN
ASSOCIATION
FOR LABORATORY
ACCREDITATION

ACCREDITED LABORATORY

A2LA has accredited

RADIATION SCIENCES INC.
Harleysville, PA

for technical competence in the field of

Electrical Testing

The accreditation covers the specific tests and types of tests listed on the agreed scope of accreditation. This laboratory meets the requirements of ISO/IEC 17025 - 1999 "General Requirements for the Competence of Testing and Calibration Laboratories" and any additional program requirements in the identified field of testing.

Presented this 2nd day of November 2004.

American Association for Laboratory Accreditation
Corporate SEAL 1978 District of Columbia
A2LA

President
For the Accreditation Council
Certificate Number 1986.01
Valid to September 30, 2006

For tests or types of tests to which this accreditation applies, please refer to the laboratory's Electrical Scope of Accreditation.

SCOPE OF ACCREDITATION TO ISO/IEC 17025-1999

RADIATION SCIENCES, INC.
3131 Detwiler Road
Harleysville, PA 19438
Daniel J. Signore Phone: 215 256 4133

ELECTRICAL (EMC)

Valid to: September 30, 2006 Certificate Number: 1986-01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests:

Product Specific

Conducted Emission	FCC Method Part 15 & 18 using ANSI C63.4 (01); EN 50011 (98) Groups 1 and 2, CISPR 22 (97); EN 55022 (98); MIL-STD-461D/E-CE101, CE102
Radiated Emission	FCC Method Part 15 & 18 using ANSI C63.4 (01); EN 55011 (98) Groups 1 and 2; CISPR 22 (97) EN 55022 (98); MIL-STD-461D/E-RE101, RE102
Harmonics	EN 61000-3-2 (01); IEC 61000-3-2 (00)
Flicker	EN 61000-3-3 (95+amd1 (01)); IEC 61000-3-3 (02)
Conducted Radio Frequency Immunity	EN 61000-4-6 (03); IEC 61000-4-6 (03)
Radiated Immunity	MIL-STD-461D/E-RS101, RS103
Electrical Fast Transient	EN 61000-4-4 (95); IEC 61000-4-4 (95)
Surge	EN 61000-4-5 (95+amd1 (00)); IEC 61000-4-5 (95+amd1 (00))
Power Magnetic Field Immunity	EN 61000-4-8 (93); IEC 61000-4-8 (93)
Voltage Dips, Short Interruptions, and Line Voltage Variations	EN 61000-4-11 (94); IEC 61000-4-11(94)

General Standards

Emission	EN 61000-6-3(2001), EN 61000-6-4(2001)
Immunity	EN 61000-6-1(2001), EN 61000-6-2(2001)
Medical	EN 60601-1-2(2001)
Measurement, Control and Laboratory Use	EN 61326 (2002)

On materials and products related to the following:
Information Technology Equipment

Electromagnetic Emission Test

E U T	**Manufacturer:** Tactical Tech **Model#** CST751XVI (JOEY II) **Serial #** J2-00005 **Mode:** RECORD/TRANSMITTER OFF	**Date:** 4/01/05 **Test Instruments:** RSI # 75, 80, 391, 501, 502, 503, 708 **Frequency Range:** 30MHz – 1000MHz	Test Code **RE** Technician Engineer

Temperature: 53.4°F **Humidity:** 71%	**Additional Info: Tested with COMPAQ PC FCC Model# COMN110 JOEY II FCC ID#I[[975XVI**	**Test Spec:** FCC Part 15 Sub. B Class B

Radiated Distance: 3 meter Antenna: Bicon / Log.P.	[X] HORIZ. [ ] BB [X] [X] B [ ] [X] VERT. H E	**Conducted** Line: Function:	[ ] BB [ ] NB

FREQ.	IND. Level		Correction Factors			Final Level	Antenna Height	EUT Azimuth	Remarks
			ANT.	Cable loss					
MHz	**dBµV**		**dB**	**dB**		**dBµV/m**	**Meters**	**Degree**	
30.0	6.0		12.5	0.8		**19.3**	1.00	0	Vertical
80.0	16.0		7.9	1.5		**25.4**	1.00	0	
120.0	14.0		11.1	1.9		**27.0**	1.00	0	
200.0	5.0		11.5	2.3		**18.8**	1.00	0	
500.0	20.5		18.5	4.0		**43.0**	1.30	0	
700.0	9.0		21.8	4.7		**35.5**	1.00	0	
1000.0	0.6		24.4	5.8		**30.8**	1.00	0	
30.0	1.7		14.1	0.8		**16.6**	1.00	0	Horizontal
80.0	8.0		8.2	1.5		**17.7**	1.00	0	
120.0	5.0		10.9	1.9		**17.8**	1.00	0	
200.0	15.9		11.7	2.3		**29.9**	1.01	0	
500.0	15.7		18.4	4.0		**37.7**	1.01	108.5	
700.0	1.0		21.7	4.7		**27.4**	1.00	0	
1000.0	0.6		24.8	5.8		**31.2**	1.00	0