5305 Distriplex Farms Drive
Memphis, TN 38141

Product Test Report
MRI Audio Pods
Test Report 2016-006

NVLAP LAB CODE 500090-0

Product: MRI Audio Pods

Performed for: MRI Audio, 2720 Loker Avenue West, Suite N, Carlsbad, CA 92010

Testing Dates: 10/24/2016 - 10/28/2016

References: ANSI S3.19-1974

Conclusion: The MRI Audio Pods were tested per the requirements of ANSI S3.19-1974 for real-ear attenuation data using the experimenter-fit protocol. The resulting noise reduction rating (NRR) was determined to be 29. Supporting user data, octave band attenuation data, and standard deviation values are detailed on page 2. A picture of the product as tested is included on page 3 for reference.

Testing involved 10 human subjects who were qualified to meet the requirements of ANSI S3.19:1974 prior to testing. The test panel consisted of 5 males and 5 females selected without respect to physical features such as ear canal size. A table of subject age and gender is included on page 3. No subjects were dismissed during testing.

Product used for testing was provided by MRI Audio as test samples. 30 pair of earplugs were used for testing. No product was rejected during testing. This product is only available in one size.

Measurements were made with a laboratory test chamber and system validated to conform with all specifications of ANSI S3.19:1974 including electronic / software and sound field characteristics including ambient noise. Ambient noise is verified though ongoing testing as well as monitoring of user open threshold data. No specialized requirements, deviations from, additions to, or exclusions from established test protocol were reported except as follows: audio channel was sealed off for testing to simulate connection, and product was tested without the optional headband.

All reference measurement equipment has been calibrated with instrumentation traceable to the NIST.

Please note that the attenuation values indicated by this test report are based on laboratory testing and may differ from results in field use due to variation in how hearing protection is fitted / worn. Results are valid only for the items as tested.

Radians Hearing Protection Device Test Laboratory is accredited to ISO/IEC 17025:2005 by the National Voluntary Laboratory Accreditation Program (NVLAP) for testing to ANSI S3.19 and ANSI S12.6 as Lab Number 500090-0. This report does not claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government.

Approved By: _____ Date: 10/31/2016

Name: Steve Clark

Title: Laboratory Manager

Radians, Inc.

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Octave Band Attenuation Data
Experimenter Fit Method

	Frequency in Hertz								
Subject	**125**	**250**	**500**	**1000**	**2000**	**3150**	**4000**	**6300**	**8000**
1	32	32	37	40	39	44	43	48	43
	33	34	35	39	43	44	46	46	43
	34	34	34	38	41	44	47	46	44
2	29	30	34	38	33	43	43	44	50
	29	30	35	40	34	44	38	48	51
	32	32	34	39	34	43	43	45	49
3	36	34	39	38	39	36	31	38	40
	35	36	40	38	38	36	31	39	39
	37	34	40	38	39	37	32	39	42
4	40	37	43	43	40	36	37	49	42
	35	44	43	51	42	42	42	52	46
	34	37	44	43	48	40	32	48	45
5	33	37	39	36	32	38	32	41	42
	29	30	38	38	37	42	39	43	44
	37	38	40	38	34	44	40	47	46
6	36	36	38	43	37	42	36	38	39
	31	34	37	41	33	39	35	39	42
	31	32	36	42	36	40	34	39	41
7	37	35	38	39	34	33	35	36	40
	39	38	39	40	35	29	33	35	39
	38	36	39	38	37	32	33	35	38
8	38	35	42	41	36	46	44	46	45
	40	37	46	42	37	50	45	49	47
	35	36	39	44	36	47	45	36	46
9	38	40	43	47	37	47	39	38	43
	39	41	45	46	37	45	37	37	44
	39	42	44	46	35	47	36	37	43
10	25	38	37	40	40	47	46	37	46
	25	43	37	41	41	48	48	40	46
	27	40	38	39	41	48	45	42	44
Mean	**34.1**	**36.1**	**39.1**	**40.8**	**37.4**	**41.7**	**38.9**	**41.9**	**43.6**
Standard Deviation	**4.4**	**3.7**	**3.3**	**3.3**	**3.5**	**5.3**	**5.5**	**5.0**	**3.3**

Noise Reduction Rating (NRR): 29

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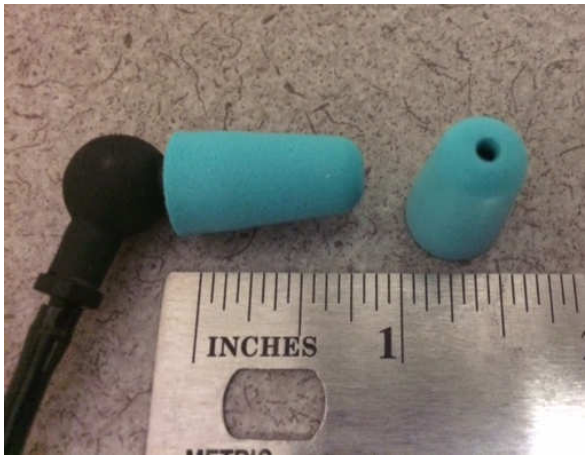

Test Subject Data

Test Subject	Age	Gender
1	23	M
2	33	F
3	22	F
4	32	M
5	23	F
6	24	F
7	23	F
8	25	M
9	19	M
10	28	M

Test Subjects Dismissed

None