

Appendix 1: Percentile WATI values as a function of frequency for three age groups

Frequency (Hz)	Percentile (ESG units)														
	2-3 months					3-6 months					adults				
	90	75	median	25	10	90	75	median	25	10	90	75	median	25	10
201	443.72	403.23	-1711.92	-1446.92	-1440.77	191.38	260.82	-1300.00	-1479.50	-202.77	51.85	337.85	-555.62	-748.31	894.17
364	381.18	370.30	-278.10	-664.01	-1273.25	1072.63	291.07	-669.75	-1279.75	-1533.00	239.80	-352.62	-645.37	-618.89	-648.73
458	374.835	456.65	406.15	-798.83	-1003.43	437.30	587.81	-777.43	-1038.76	-1249.33	211.09	-298.19	-870.05	-422.63	-561.35
578	264.95	-411.04	-528.89	408.04	807.00	364.27	462.26	434.31	-793.73	-884.62	164.23	-229.74	-289.03	-331.83	-454.18
728	251.27	371.10	-481.06	-428.00	433.80	329.33	374.63	-470.50	426.04	-789.69	123.67	-182.56	-200.60	-270.03	-351.13
917	-224.67	-328.03	-428.70	-518.80	474.63	-186.83	281.35	-382.00	-621.50	-648.34	66.40	-140.41	-179.95	-217.33	-264.36
1155	-146.82	-203.80	-278.79	-381.79	514.48	-110.76	188.00	-270.50	-388.68	-551.31	27.80	-108.14	-140.20	-179.89	-214.46
1422	-33.67	-89.24	-152.26	-207.00	376.11	20.74	-61.33	-178.83	273.20	-401.89	40.19	-62.80	-121.30	-162.43	-194.00
1824	74.26	20.23	-61.00	-150.13	279.40	80.86	3.28	-60.17	-176.63	-317.26	42.84	-78.17	-110.18	-144.54	-174.22
2319	208.27	143.01	61.94	-24.85	-101.11	172.35	82.90	12.66	-73.63	-183.87	18.59	-51.81	-76.95	-108.45	-154.89
2913	340.79	251.45	154.00	78.89	6.81	219.79	121.56	23.20	-57.01	-174.80	17.38	-137.07	-164.61	-209.30	-308.00
3688	578.19	324.79	111.23	13.16	-64.80	182.77	89.87	28.82	-32.79	-126.63	68.23	13.36	-47.21	-81.07	-124.86
4622	921.16	487.27	123.76	53.45	-33.48	259.79	172.97	102.18	27.47	-32.56	83.06	46.00	21.04	-37.80	-84.88
5823	132.35	185.13	135.15	61.65	-31.18	278.82	172.29	111.89	41.75	-27.81	116.67	78.22	44.78	6.80	-24.41
7326	590.33	337.65	144.43	73.93	24.18	337.24	248.17	143.33	81.15	7.32	188.45	109.47	80.79	28.03	3.22

Appendix 1 (continued): Percentile WAZP values as a function of frequency for three age groups

Frequency (no)	2-3 months				3-9 months				adults						
	90	75	Median	25	10	90	75	Median	25	10	90	75	Median	25	10
400	170.20	159.83	142.97	102.03	97.03	171.92	162.64	145.25	104.60	100.00	184.83	165.64	127.90	98.82	63.00
364	174.53	179.50	175.89	160.19	160.80	167.82	159.54	155.23	147.03	144.46	207.65	143.03	106.74	78.72	55.81
458	170.51	161.89	1484.68	405.00	315.48	194.21	406.52	338.54	242.56	189.34	206.23	160.71	118.66	88.44	61.64
528	194.60	178.80	155.08	100.70	100.68	145.34	112.84	103.89	246.16	170.60	103.20	100.19	112.10	82.83	56.22
728	180.50	169.41	158.88	140.16	147.87	151.99	148.46	126.13	233.96	178.48	191.26	155.86	118.18	85.41	68.91
917	162.58	122.73	117.24	109.93	265.16	488.06	350.88	275.93	214.23	165.95	187.14	155.88	100.73	80.88	69.33
1105	158.74	115.94	100.71	270.04	213.76	400.18	326.85	248.93	197.00	146.91	208.24	162.20	122.83	85.36	66.39
1405	161.64	178.87	201.21	232.78	178.78	278.61	282.25	211.89	161.31	135.68	200.94	163.20	115.48	81.82	58.88
1834	165.83	122.71	248.54	203.01	163.41	332.32	256.43	206.33	161.93	121.85	174.88	160.70	91.37	65.62	44.01
2311	175.68	164.75	236.74	183.18	150.80	340.11	277.90	200.75	158.63	119.19	139.57	91.44	61.26	44.22	31.21
2811	160.15	146.28	262.19	211.80	133.62	460.98	374.70	240.26	183.88	115.88	96.66	60.32	45.18	35.68	24.62
3668	151.23	187.81	288.14	215.52	154.74	302.68	224.08	154.47	108.03	77.82	84.38	50.63	33.74	23.31	15.71
4822	126.42	230.56	165.36	104.26	74.68	258.04	167.49	124.58	88.18	57.31	55.73	33.47	22.03	11.81	7.22
5883	178.62	171.00	103.05	56.88	33.74	183.89	107.81	60.06	40.46	21.20	37.28	21.04	12.32	6.41	2.41
7236	140.81	87.67	40.41	18.72	10.35	100.00	38.02	26.88	12.16	6.68	60.71	24.74	12.22	6.74	4.09

Appendix 1 (continued): Permissible WATF values as a function of frequency for three age groups

Frequency (Hz)	Energy Referenced														
	0-9 months				0-9 months				adults						
	90	75	Median	25	10	90	75	Median	25	10	90	75	Median	25	10
200	0.28	0.33	0.37	0.42	0.57	0.25	0.30	0.33	0.42	0.57	0.37	0.45	0.53	0.64	0.79
364	0.81	0.76	0.66	0.52	0.39	0.83	0.89	0.82	0.75	0.65	0.95	0.94	0.90	0.85	0.79
498	0.73	0.68	0.58	0.44	0.34	0.89	0.85	0.77	0.67	0.56	0.94	0.92	0.85	0.77	0.71
576	0.64	0.58	0.52	0.42	0.33	0.85	0.79	0.69	0.57	0.49	0.91	0.88	0.79	0.69	0.61
728	0.63	0.56	0.48	0.41	0.32	0.79	0.70	0.60	0.49	0.39	0.86	0.81	0.70	0.58	0.48
937	0.59	0.51	0.42	0.34	0.27	0.71	0.64	0.51	0.40	0.29	0.80	0.74	0.62	0.51	0.39
1155	0.55	0.38	0.29	0.22	0.15	0.65	0.54	0.39	0.27	0.16	0.74	0.64	0.54	0.43	0.32
1465	0.35	0.23	0.18	0.10	0.05	0.57	0.41	0.26	0.15	0.08	0.70	0.59	0.49	0.41	0.31
1834	0.26	0.18	0.09	0.05	0.03	0.50	0.25	0.14	0.08	0.04	0.67	0.58	0.46	0.36	0.24
2311	0.26	0.17	0.10	0.05	0.03	0.41	0.24	0.13	0.08	0.04	0.61	0.47	0.35	0.24	0.15
2915	0.41	0.29	0.17	0.10	0.05	0.28	0.25	0.19	0.10	0.05	0.46	0.37	0.25	0.10	0.05
3668	0.34	0.24	0.16	0.10	0.06	0.47	0.25	0.13	0.07	0.04	0.51	0.33	0.19	0.08	0.04
4622	0.51	0.34	0.19	0.09	0.04	0.63	0.40	0.19	0.07	0.03	0.80	0.58	0.34	0.19	0.10
5823	0.73	0.56	0.35	0.19	0.08	0.80	0.60	0.40	0.20	0.11	0.92	0.60	0.42	0.42	0.25
7336	0.90	0.81	0.69	0.41	0.21	0.93	0.87	0.71	0.57	0.39	0.93	0.89	0.77	0.61	0.47