

**Experiment Number:** C20105B-56  
**Test Type:** TOX  
**Route:** Whole Body Exposure  
**Species/Strain:** Rat/Harlan Sprague Dawley

**PA06: Organ Weights Summary**  
**Test Compound:** Cell Phone Radiation: CDMA  
**CAS Number:** CELLPRADCDMA

**Date Report Requested:** 07/10/2017  
**Time Report Requested:** 10:16:50  
**Lab:** NTP

<b>C Number:</b>	C20105B-56
<b>Cage Range:</b>	All
<b>Date Range:</b>	All
<b>Reasons For Removal:</b>	All
<b>Removal Date Range:</b>	All
<b>Treatment Groups:</b>	All
<b>Study Gender:</b>	Both

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F1 Males: F1 Interim Males

	Treatment Groups (W/kg)											
	0			1.5			3			6		
Terminal Body Wt.	444.2	± 8.5	(10) **	439.5	± 8.4	(10)	434.9	± 4.2	(10)	411.0	± 8.1	(10) **
Brain												
Absolute (g)	1.92	± 0.02	(10)	1.96	± 0.02	(10)	1.97	± 0.04	(10)	1.92	± 0.02	(10)
Relative (mg/g)	4.34	± 0.08	(10) **	4.47	± 0.08	(10)	4.53	± 0.10	(10)	4.67	± 0.08	(10) *
R. Epididymis												
Absolute (g)	0.6423 ± 0.0278	(10)		0.6298 ± 0.0256	(10)		0.6370 ± 0.0162	(9)		0.5817 ± 0.0353	(10)	
Relative (mg/g)	1.45	± 0.06	(10)	1.44	± 0.07	(10)	1.46	± 0.04	(9)	1.42	± 0.09	(10)
L. Epididymis												
Absolute (g)	0.6404 ± 0.0208	(10)		0.6673 ± 0.0137	(10)		0.6491 ± 0.0155	(10)		0.5866 ± 0.0428	(10)	
Relative (mg/g)	1.44	± 0.05	(10)	1.52	± 0.05	(10)	1.49	± 0.03	(10)	1.43	± 0.11	(10)
Heart												
Absolute (g)	1.52	± 0.03	(10)	1.52	± 0.04	(10)	1.51	± 0.03	(10)	1.43	± 0.04	(10)
Relative (mg/g)	3.42	± 0.06	(10)	3.46	± 0.06	(10)	3.47	± 0.06	(10)	3.49	± 0.07	(10)
R. Kidney												
Absolute (g)	1.59	± 0.04	(10) **	1.51	± 0.04	(10)	1.51	± 0.05	(10)	1.38	± 0.05	(10) **
Relative (mg/g)	3.58	± 0.09	(10)	3.45	± 0.09	(10)	3.47	± 0.11	(10)	3.36	± 0.13	(10)
L. Kidney												
Absolute (g)	1.58	± 0.04	(10) **	1.53	± 0.04	(10)	1.49	± 0.04	(10)	1.35	± 0.04	(10) **
Relative (mg/g)	3.57	± 0.09	(10)	3.49	± 0.06	(10)	3.43	± 0.09	(10)	3.29	± 0.12	(10)
Liver												
Absolute (g)	16.49	± 0.31	(10) **	15.66	± 0.39	(10)	15.57	± 0.37	(10)	14.13	± 0.36	(10) **
Relative (mg/g)	37.17	± 0.61	(10) **	35.64	± 0.57	(10)	35.79	± 0.64	(10)	34.35	± 0.45	(10) **
Lung												
Absolute (g)	2.20	± 0.06	(10)	2.06	± 0.07	(10)	2.29	± 0.12	(10)	2.09	± 0.09	(10)
Relative (mg/g)	4.96	± 0.15	(10)	4.70	± 0.18	(10)	5.26	± 0.25	(10)	5.12	± 0.30	(10)
R. Testis												
Absolute (g)	2.071	± 0.051	(10)	2.104	± 0.045	(10)	2.087	± 0.044	(10)	1.784	± 0.152	(10)
Relative (mg/g)	4.68	± 0.16	(10)	4.80	± 0.14	(10)	4.81	± 0.12	(10)	4.37	± 0.38	(10)

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**F1 Males: F1 Interim Males**

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**Treatment Groups (W/kg)**

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	<b>0</b>	<b>1.5</b>	<b>3</b>	<b>6</b>
L. Testis				
Absolute (g)	2.083 ± 0.059 (10)	2.116 ± 0.055 (10)	2.102 ± 0.036 (10)	1.836 ± 0.160 (10)
Relative (mg/g)	4.71 ± 0.17 (10)	4.83 ± 0.14 (10)	4.84 ± 0.10 (10)	4.50 ± 0.40 (10)
Thymus				
Absolute (g)	0.349 ± 0.023 (10)	0.368 ± 0.018 (10)	0.387 ± 0.026 (10)	0.364 ± 0.031 (10)
Relative (mg/g)	0.79 ± 0.05 (10)	0.84 ± 0.04 (10)	0.89 ± 0.06 (10)	0.88 ± 0.07 (10)

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F1 Females: F1 Interim Females

	Treatment Groups (W/kg)											
	0			1.5			3			6		
Terminal Body Wt.	274.1	± 7.8	(10) *	264.2	± 4.9	(10)	263.8	± 5.7	(10)	251.8	± 3.5	(10) *
Brain												
Absolute (g)	1.79	± 0.02	(10)	1.79	± 0.02	(10)	1.85	± 0.02	(10)	1.77	± 0.02	(10)
Relative (mg/g)	6.58	± 0.18	(10) *	6.81	± 0.13	(10)	7.02	± 0.15	(10)	7.05	± 0.09	(10)
Heart												
Absolute (g)	1.02	± 0.03	(10)	0.97	± 0.01	(10)	0.98	± 0.02	(10)	0.94	± 0.02	(10) *
Relative (mg/g)	3.74	± 0.09	(10)	3.67	± 0.05	(10)	3.73	± 0.07	(10)	3.73	± 0.08	(10)
R. Kidney												
Absolute (g)	0.97	± 0.03	(10) **	0.91	± 0.02	(10)	0.91	± 0.02	(10)	0.84	± 0.02	(10) **
Relative (mg/g)	3.54	± 0.08	(10)	3.45	± 0.07	(10)	3.47	± 0.06	(10)	3.35	± 0.08	(10)
L. Kidney												
Absolute (g)	0.97	± 0.04	(10) **	0.87	± 0.02	(10) *	0.89	± 0.02	(10) *	0.82	± 0.02	(10) **
Relative (mg/g)	3.53	± 0.11	(10)	3.28	± 0.05	(10)	3.38	± 0.06	(10)	3.26	± 0.09	(10)
Liver												
Absolute (g)	10.07	± 0.56	(10)	8.92	± 0.28	(10)	9.19	± 0.28	(10)	8.76	± 0.20	(10) *
Relative (mg/g)	36.55	± 1.16	(10)	33.72	± 0.59	(10)	34.80	± 0.64	(10)	34.82	± 0.76	(10)
Lung												
Absolute (g)	1.85	± 0.05	(10)	1.80	± 0.07	(10)	1.75	± 0.08	(10)	1.72	± 0.06	(10)
Relative (mg/g)	6.79	± 0.24	(10)	6.83	± 0.26	(10)	6.68	± 0.35	(10)	6.84	± 0.25	(10)
R. Ovary												
Absolute (g)	0.0598	± 0.0042	(10)	0.0578	± 0.0039	(10)	0.0587	± 0.0029	(10)	0.0566	± 0.0053	(10)
Relative (mg/g)	0.22	± 0.02	(10)	0.22	± 0.01	(10)	0.22	± 0.01	(10)	0.22	± 0.02	(10)
L. Ovary												
Absolute (g)	0.0511	± 0.0031	(10)	0.0521	± 0.0030	(10)	0.0547	± 0.0035	(10)	0.0495	± 0.0055	(10)
Relative (mg/g)	0.19	± 0.01	(10)	0.20	± 0.01	(10)	0.21	± 0.01	(10)	0.20	± 0.02	(10)
Thymus												
Absolute (g)	0.299	± 0.016	(10)	0.282	± 0.008	(10)	0.274	± 0.015	(10)	0.278	± 0.015	(10)
Relative (mg/g)	1.10	± 0.06	(10)	1.07	± 0.03	(10)	1.04	± 0.05	(10)	1.11	± 0.06	(10)

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#### LEGEND

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Data are displayed as mean  $\pm$  SEM (N) unless otherwise noted

Relative organ weights (organ-weight-to-body-weight ratios) are given as mg organ weight/g body weight

Statistical analysis performed by Jonckheere (trend) and William or Dunnett (pairwise) tests unless otherwise noted.

Statistical significance for the control group indicates a significant trend test

Statistical significance for a treatment group indicates a significant pairwise test compared to the vehicle control group

\* Statistically significant at  $P \leq 0.05$

\*\* Statistically significant at  $P \leq 0.01$

**\*\* END OF REPORT \*\***