

**Experiment Number:** C20105-13  
**Test Type:** TOX  
**Route:** Whole-Body Inhalation  
**Species/Strain:** Rat/Harlan Sprague Dawley

**PA06L: Organ Weights Summary by Litter**  
**Test Compound:** Cell Phone Radiation: GSM  
**CAS Number:** CELLPRADGSM

**Date Report Requested:** 11/02/2017  
**Time Report Requested:** 07:56:53  
**Lab:** NTP

<b>C Number:</b>	C20105-13
<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 Core Males

	Treatment Groups (W/kg)											
	0			3			6			9		
Terminal Body Wt.	251.3	± 5.7	(4) **	229.9	± 2.3	(4) *	226.9	± 2.2	(4) *	202.1	± 7.0	(4) **
R. Adrenal gland												
Absolute (g)	0.0253	± 0.0012	(4) *	0.0236	± 0.0009	(4)	0.0240	± 0.0006	(4)	0.0198	± 0.0021	(4)
Relative (mg/g)	0.10	± 0.00	(4)	0.10	± 0.00	(4)	0.11	± 0.00	(4)	0.10	± 0.01	(4)
Brain												
Absolute (g)	1.76	± 0.02	(4)	1.78	± 0.02	(4)	1.75	± 0.03	(4)	1.66	± 0.05	(4)
Relative (mg/g)	7.02	± 0.08	(4) **	7.73	± 0.12	(4) *	7.73	± 0.11	(4) *	8.25	± 0.21	(4) **
Heart												
Absolute (g)	1.02	± 0.03	(4) **	0.94	± 0.02	(4)	0.88	± 0.03	(4) *	0.80	± 0.04	(4) **
Relative (mg/g)	4.06	± 0.08	(4)	4.07	± 0.11	(4)	3.89	± 0.11	(4)	3.97	± 0.09	(4)
R. Kidney												
Absolute (g)	1.10	± 0.05	(4) **	1.04	± 0.01	(4)	0.98	± 0.03	(4)	0.84	± 0.03	(4) **
Relative (mg/g)	4.36	± 0.12	(4)	4.52	± 0.02	(4)	4.30	± 0.12	(4)	4.16	± 0.06	(4)
Liver												
Absolute (g)	12.05	± 0.35	(4) **	11.04	± 0.36	(4)	10.77	± 0.16	(4)	9.75	± 0.40	(4) **
Relative (mg/g)	47.93	± 0.66	(4)	47.99	± 1.17	(4)	47.47	± 0.69	(4)	48.30	± 1.18	(4)
Lung												
Absolute (g)	2.23	± 0.13	(4) *	1.93	± 0.07	(4)	1.77	± 0.09	(4)	1.81	± 0.17	(4)
Relative (mg/g)	8.93	± 0.69	(4)	8.40	± 0.36	(4)	7.82	± 0.43	(4)	9.00	± 0.96	(4)
R. Testis												
Absolute (g)	1.473	± 0.056	(4) *	1.504	± 0.038	(4)	1.455	± 0.047	(4)	1.324	± 0.028	(4)
Relative (mg/g)	5.86	± 0.14	(4) *	6.54	± 0.13	(4) *	6.42	± 0.23	(4) *	6.56	± 0.10	(4) *
Thymus												
Absolute (g)	0.742	± 0.060	(4)	0.520	± 0.027	(4) *	0.672	± 0.068	(4)	0.584	± 0.017	(4)
Relative (mg/g)	2.95	± 0.23	(4)	2.26	± 0.10	(4)	2.96	± 0.31	(4)	2.91	± 0.14	(4)

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F1 Females: F1 Core Females

Treatment Groups (W/kg)

	0			3			6			9		
Terminal Body Wt.	167.9	± 2.7	(4)	160.6	± 5.1	(4)	167.2	± 4.7	(4)	155.3	± 3.8	(4)
R. Adrenal gland												
Absolute (g)	0.0299	± 0.0027	(4)	0.0263	± 0.0019	(4)	0.0280	± 0.0004	(4)	0.0253	± 0.0017	(4)
Relative (mg/g)	0.18	± 0.01	(4)	0.16	± 0.01	(4)	0.17	± 0.01	(4)	0.16	± 0.01	(4)
Brain												
Absolute (g)	1.64	± 0.01	(4)	1.64	± 0.02	(4)	1.68	± 0.03	(4)	1.61	± 0.02	(4)
Relative (mg/g)	9.77	± 0.22	(4)	10.27	± 0.30	(4)	10.05	± 0.22	(4)	10.36	± 0.16	(4)
Heart												
Absolute (g)	0.73	± 0.02	(4)	0.69	± 0.02	(4)	0.71	± 0.02	(4)	0.68	± 0.02	(4)
Relative (mg/g)	4.35	± 0.09	(4)	4.31	± 0.07	(4)	4.27	± 0.04	(4)	4.37	± 0.06	(4)
R. Kidney												
Absolute (g)	0.76	± 0.02	(4)	0.73	± 0.02	(4)	0.75	± 0.02	(4)	0.68	± 0.01	(4)
Relative (mg/g)	4.49	± 0.10	(4)	4.53	± 0.10	(4)	4.47	± 0.07	(4)	4.38	± 0.04	(4)
Liver												
Absolute (g)	7.65	± 0.20	(4)	7.29	± 0.28	(4)	7.74	± 0.21	(4)	7.10	± 0.21	(4)
Relative (mg/g)	45.53	± 0.65	(4)	45.36	± 0.78	(4)	46.28	± 0.22	(4)	45.71	± 0.88	(4)
Lung												
Absolute (g)	1.52	± 0.08	(4)	1.52	± 0.03	(4)	1.50	± 0.10	(4)	1.38	± 0.04	(4)
Relative (mg/g)	9.03	± 0.51	(4)	9.49	± 0.51	(4)	8.93	± 0.56	(4)	8.92	± 0.43	(4)
Thymus												
Absolute (g)	0.453	± 0.059	(4)	0.344	± 0.015	(4)	0.444	± 0.032	(4)	0.405	± 0.035	(4)
Relative (mg/g)	2.71	± 0.38	(4)	2.13	± 0.05	(4)	2.64	± 0.15	(4)	2.61	± 0.23	(4)

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#### LEGEND

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Data are displayed as the means and standard errors of the litter means, N is number of litters

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

Analysis of the F1 data for both linear trend and pairwise analysis was performed using mixed effects models with the Dam ID as the random effects.

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 \*\***