

TABLE 1
Experimental Design and Materials and Methods in the Whole-Body Exposure Studies
of GSM- and CDMA-Modulated Cell Phone RFR

28-Day Studies	2-Year Studies
Study Laboratory IIT Research Institute (Chicago, IL)	Same as 28-day studies
Strain and Species Sprague Dawley (Hsd:Sprague Dawley SD) rats	Same as 28-day studies
Animal Source Harlan Laboratories, Inc. (Indianapolis, IN)	Same as 28-day studies
Time Held Before Studies 4 days (F ₀ females)	3 days (F ₀ females)
Average Age When Studies Began 13 to 16 weeks (F ₀ females)	12 to 15 weeks (F ₀ females)
Date of First Exposure November 1, 2010 (F ₀ females) December 9, 2010 (F ₁ rats)	August 8, 2012 (F ₀ females) September 16, 2012 (F ₁ rats)
Duration of Exposure 9 hours and 10 minutes per day, over an 18 hour and 20 minute period as exposures cycled between modulations every 10 minutes, 7 days per week for perinatal phase and last week of prechronic phase, and 5 days per week otherwise	9 hours and 10 minutes per day, over an 18 hour and 20 minute period as exposures cycled between modulations every 10 minutes, 7 days per week for 14 weeks (interim evaluation) or 106 (males) or 107 (females) weeks (2-year studies)
Date of Last Exposure December 9, 2010 (F ₀ females) January 6-7, 2011 (F ₁ groups)	September 16, 2012 (F ₀ females) December 18 and 20 (males) or 17 and 20 (females), 2012 (interim evaluation) September 15-22 (males) or 22-30 (females), 2014 (chronic study)
Necropsy Dates January 6-7, 2011 (F ₁ groups)	December 18 and 20 (males) or 17 and 20 (females), 2012 (interim evaluation) September 15-22 (males) or 22-30 (females), 2014 (chronic study)
Age at Necropsy 7 to 8 weeks	Interim: 17 weeks Study termination: 108 to 109 weeks (males) or 109 to 110 weeks (females)
Size of Study Groups F ₀ females: 20 per exposure group F ₁ rats: 10 males and 10 females	F ₀ females: 56 per exposure group F ₁ core study: 90 males and 90 females F ₁ interim evaluation: 10 males and 10 females F ₁ genetic toxicity: five males and five females
Method of Distribution Animals were distributed randomly into groups of approximately equal initial mean body weights.	Same as 28-day studies
Animals per Cage 1 except during lactation when pups were housed with nursing dams	Same as 28-day studies
Method of Animal Identification F ₀ females: Tail marking with permanent pen F ₁ rats: Tail tattoo	Same as 28-day studies