

# RDS-PCT Technology Demonstration

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# RDS Technology Evaluation



Local Signal Coverage for RDS Stations in Sacramento

## Study:

40 test sites for RDS reception from the 17 (of 39) Sacramento FM stations that broadcast RDS

## Results:

Achieved 95% probability of reception at all sites with either:

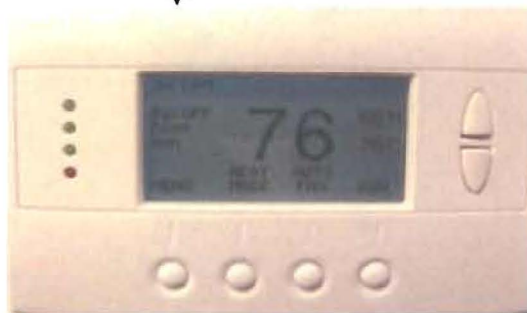
- 55 repeats on KXJZ, 90.9 FM (takes ~4 minutes)

-Or-

- 5 repeats on both 90.9 FM and 100.5 FM (takes ~20 seconds)



# PCT Technology Evaluation



Residential Control Systems PCT

## Study:

Test basic functionality of prototype PCT from Residential Control Systems (Rancho Cordova)

## Result:

PCTs receive and respond to price and temperature control events within seconds of sending the signal





## For more information



Read the PIER final project report, due July 2008:

TECHNOLOGY EVALUATION OF PROGRAMMABLE  
COMMUNICATING THERMOSTATS WITH RADIO  
BROADCAST DATA SYSTEM COMMUNICATIONS

-OR-

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