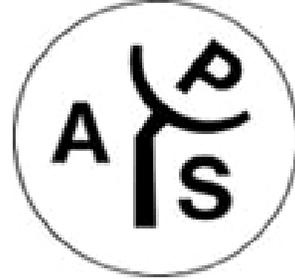


“Medium Power RF Absorber by Mechanical means”



By

Dr. Vince Rodriguez
Antenna Product Manager
ETS-Lindgren, L.P



IEEE APS/MTTS Central Texas Chapter Meeting!!!

All are invited to attend our second Chapter meeting. Dinner and Door Prizes will be provided and a lab tour of the EMC, Wireless, Acoustic, OATS and Calibration Laboratories will follow.

Wednesday, November 11, 2009 @ 7pm

ETS-Lindgren, L.P.

1301 Arrow Point Dr.

Cedar Park, TX 78613, USA

(Directions on following page)

Please RSVP attendance prior to November 9 by going to the following link:

<http://www.ets-lindgrenregistration.com/aps-mtt-meeting-and-tour/>

or emailing jeremypruitt@ieee.org

Abstract:

With active antenna arrays the measurements must be performed at the operating power since in some cases the non-linear amplification circuits can not operate at low powers and if they can their performance is not scalable to their high operating power. High Power absorber has been around for a long time, able to withstand higher levels than the 100W/sq meter maximum power density that regular polyurethane absorber can operate without damage. This presentation shows a design for medium Power absorber (3000W/ sq meter) by a mechanical alteration of the polyurethane absorber. The resulting absorber can operate at 3000W/sq meter without damage and forced cooling for prolonged periods of time.

1301 Arrow Point Drive
Cedar Park, TX 78613
Phone: 512.531.6400



Tollway Directions

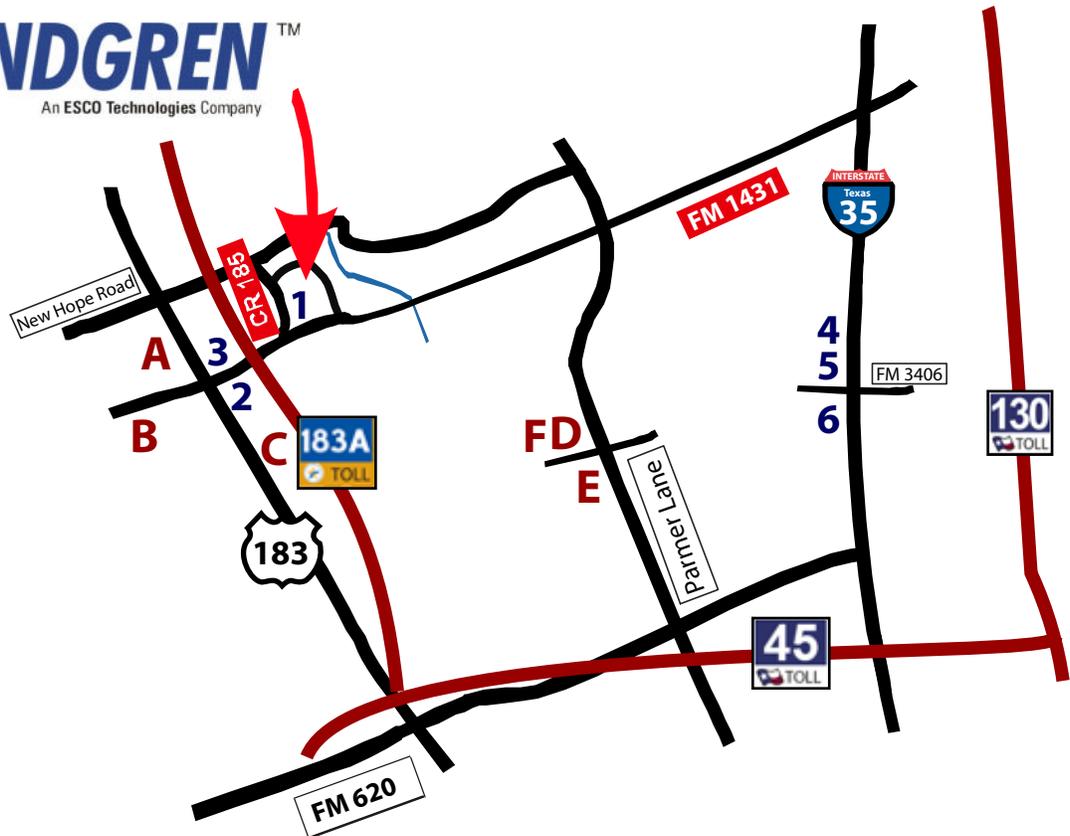
(Travel time approx. 40 minutes)

1. Exit Bergstrom on Presidential Blvd
2. Take SH 71 East to 130 Tollway
3. Follow 130 Tollway North
4. Take 45 Tollway West
5. Take 183A Tollway North
6. Exit 1431 heading East
7. Take a left on Arrow Point Drive just after the Holiday Inn Express

Alternate Directions

(Travel time approx. 60 to 90 minutes)

1. Exit Bergstrom on Presidential Blvd
2. Take SH 71 West to Highway 183 North
3. Stay on 183 North thru Austin
4. At FM 620 take the last Free Exit passing through the stop lights on the feeder and then an immediate right
5. At Avery Ranch Road follow 183 to the left and then an immediate right
6. In Cedar Park turn right heading East on FM 1431
7. Take a left on Arrow Point Blvd just after the Holiday Inn Express



LODGING - Cedar Park

- 1 HolidayInn Express Hotel & Suites**
1605 E. Whitestone Blvd.
512.259.8200
800-HOL-IDAY
Approx. 1 mile from ETS-Lindgren
- 2 Comfort Inn**
300 E. Whitestone Blvd.
512.259.1810
Approx. 2 miles from ETS-Lindgren
- 3 Best Western**
425 E Whitestone Blvd
512.259.7300
Approx. 2 miles from ETS-Lindgren

RESTAURANTS - Cedar Park

- A Chili's**
1205 N Bell Blvd, Cedar Park
512.259.4505
Approx. 3 miles from ETS-Lindgren
- B JJ's BBQ**
300 W. Whitestone Blvd, Cedar Park
512.918.0314
Approx. 3 miles from ETS-Lindgren
- C Jardin Corona**
600 S Bell Blvd, Cedar Park
512.996.9349
Approx. 4 miles from ETS-Lindgren

LODGING - Round Rock

- 4 Courtyard by Marriott**
2700 Hoppe Trail
512.255.5551
Approx. 12 miles from ETS-Lindgren
- 5 Springhill Suites**
2960 Hoppe Trail
512.733.6700
Approx. 12 miles from ETS-Lindgren
- 6 Hilton Garden Inn**
2310 North IH 35
512.341.8200
Approx. 12 miles from ETS-Lindgren

RESTAURANTS - Austin

- D Waterloo Ice House**
14900 Avery Ranch Road, Austin
512.255.0243
Approx. 5 miles from ETS-Lindgren
- E Z-Tejas**
10525 W. Parmer Ln, Austin
512.388.7772
Approx. 5 miles from ETS-Lindgren
- F Hunan Ranch**
14900 Avery Ranch, Austin
(512) 244-2972
Approx. 5 miles from ETS-Lindgren