ACS 547) PAGE (OF 4 SLIDE 4: EXXMPLE INTITIAL DESIGN: GUESS, TWEEL LATER. ASSUME ALL SIDES EXPOSED. LEUBSS: METAL, LOW & THER, LARGER X. Kunds & TL REQUIRED -> DETASHRET SINTTIAL XW = 4.9 } 64655 332411425 1340124 1-27-7 Z= 6.84; 1C = 46 dB. SALVE FOR TR EXECOSINE ABSORBTION DOMINATED BY AVERAGE ABSORPTION 71 - 46.8 dB SLIDE 5: HTL-4 MATERIAL, (LIST 2 ENTRIES OF BOTTON PANGL)

NEED A DOOR.

SEAL ALL +HE LEAKS REALLY WELL.

KNOBS?

BILGER 130X ... NOT LIKELY, "HAIRY EDGE" XW > 9,99 ... NOT LIKELY, "HAIRY EDGE"

SEE SLIDE 6 ANIMATION.

SLIDE 6: STC NUMBER - RY

SUDET: SMALL ENCLOSURE

K. J < 1; AKLINHOLFT NUMBER

d 22 \$. (8 m WITH F = 3 ff Hz.

SLIDES: FIL. 12.4 -> F(x) -> low -> CLAMPED.

HILAX; HIGH ASPECT RATTO.

(Aulz) -> A3nl6

Burg KARIN SALA WATER ALL SAGA

 $V - L^{5} \rightarrow Ca \times 1/3 \qquad (N \quad 1Cl_{-\omega} \quad EQUATION.$

MAKE THE ENCLOSURE TIGHT FITTING

SUDE 9:

DEGREES OF FREEDOM: E, V, L. -> SPREAD SHEET. METRIC.

> 11= 4.59 AB - NOT 600D 12 = 29 legs (1+ Ca) & Cwi

SIDE 3/4 TOO COMPLIANT; NOT RIGID & NOUGH.

5CIDE 10

2 cm THICH WALLS, 12 - 87.4/ 18

NOT PUTTE THERE

SLIDE 11:

CGAK: 24. logo (CA+Ca) WANT MAG. OF

[CAX ECWI) GMPLOX NUMBORS

Clark = at b lal (b+je)

LEALEX 1 L 4 44. 5 dB. CETTING CLOSE TO

CHECK eRITICAL FRED. 43/ HO FOR GAMPLE.

(THICKER, LOWER OPITIONS FRED.)

PAGE 4 of 4

11,7855 CONTROL

12,7855 CONTROL

13,7855 CONTROL

14,7855 CONTROL

14,7855 CONTROL

15,7855 CONTROL

16,7855 CONTROL

16,7855 CONTROL

17,7855 CO

STIFFENME MUSI BE DONE IN ALL DIMENSLONG.

SLIDE 12:

AREA COVERALS < 969. - NOT SIGNIFINOT TL (1B).

DUCT DIMENSIONS LESS THAN A WAVELLANGTH (BUT LESS TIT HIGH FREQUENCES)

SLIDE 19