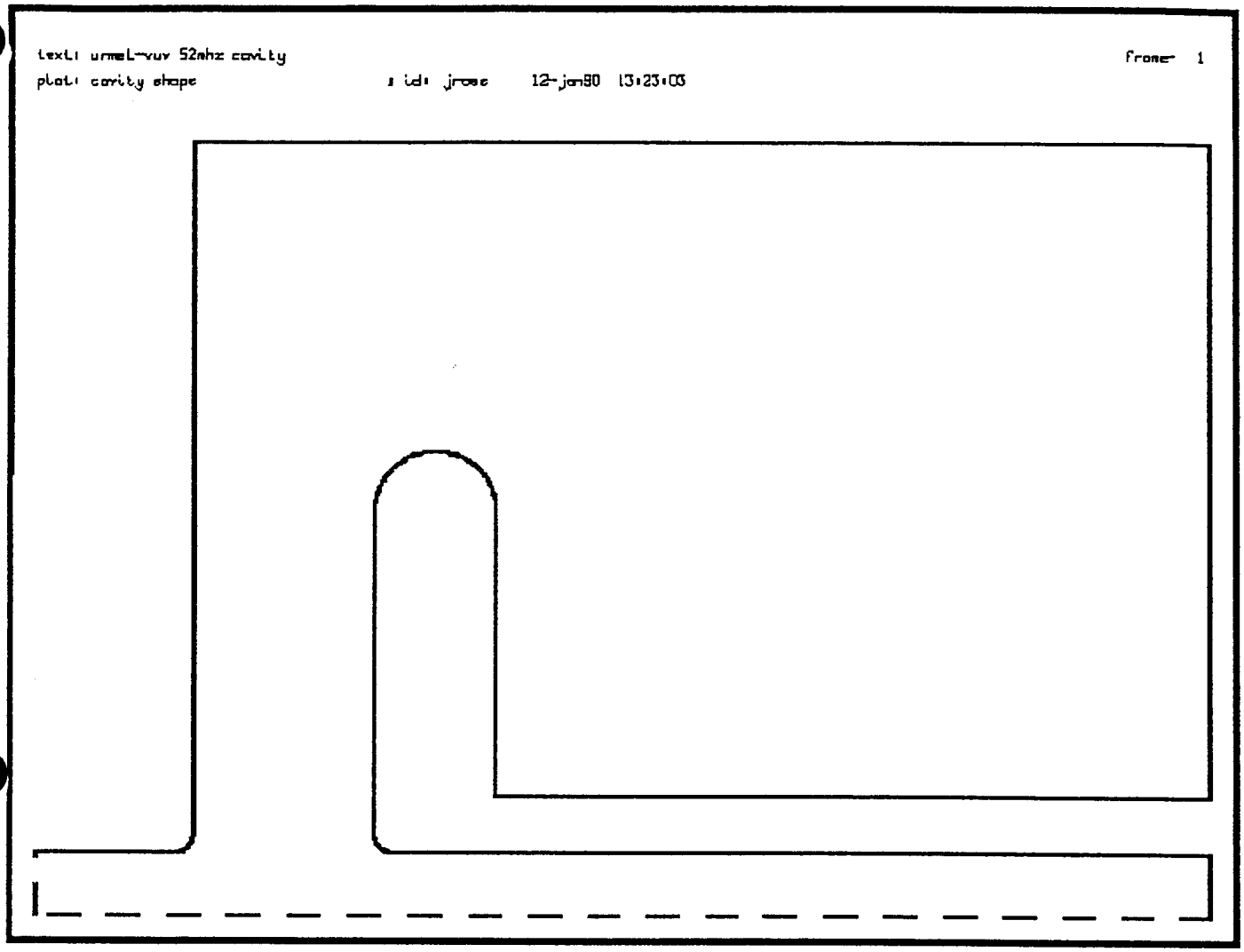
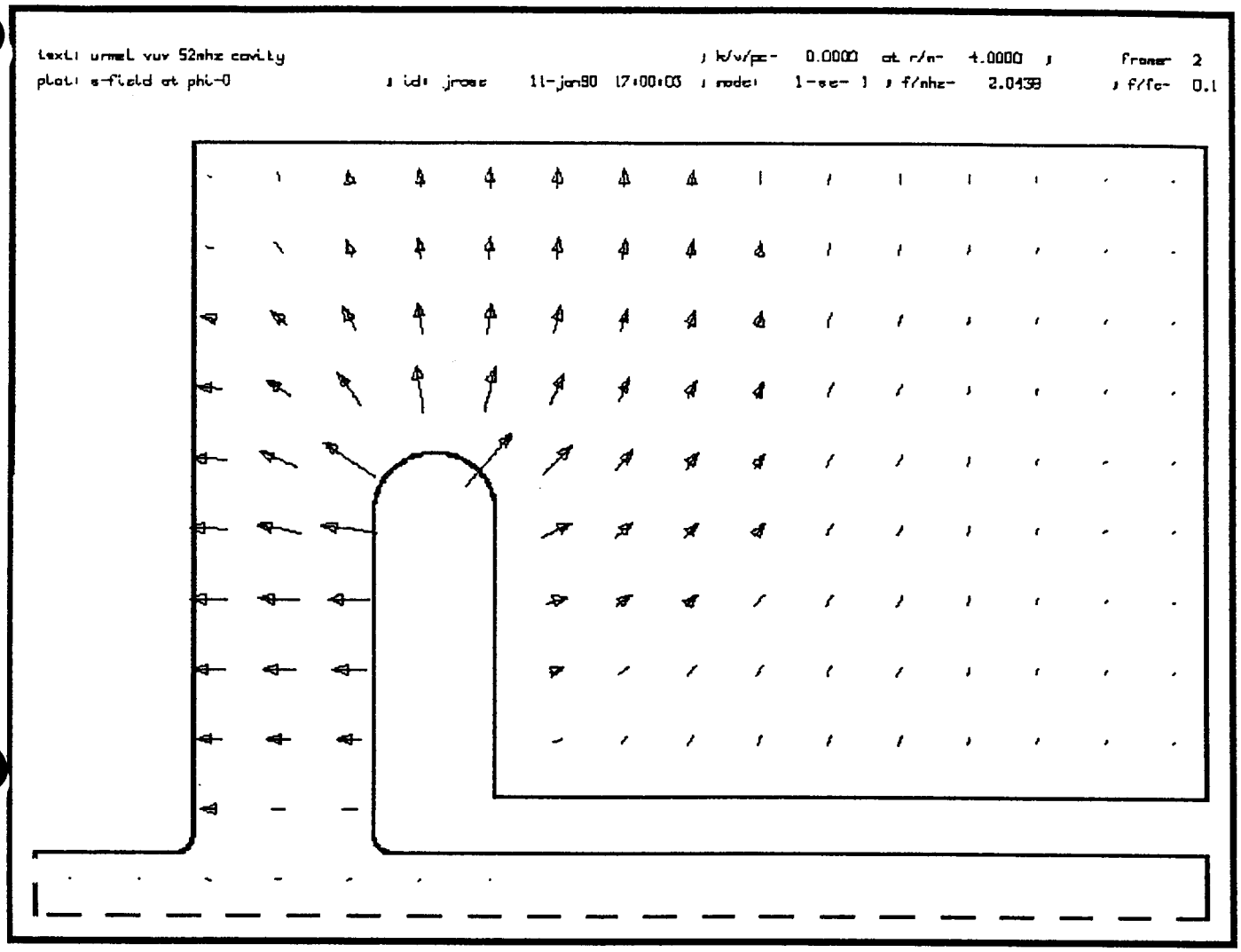
Dipoles

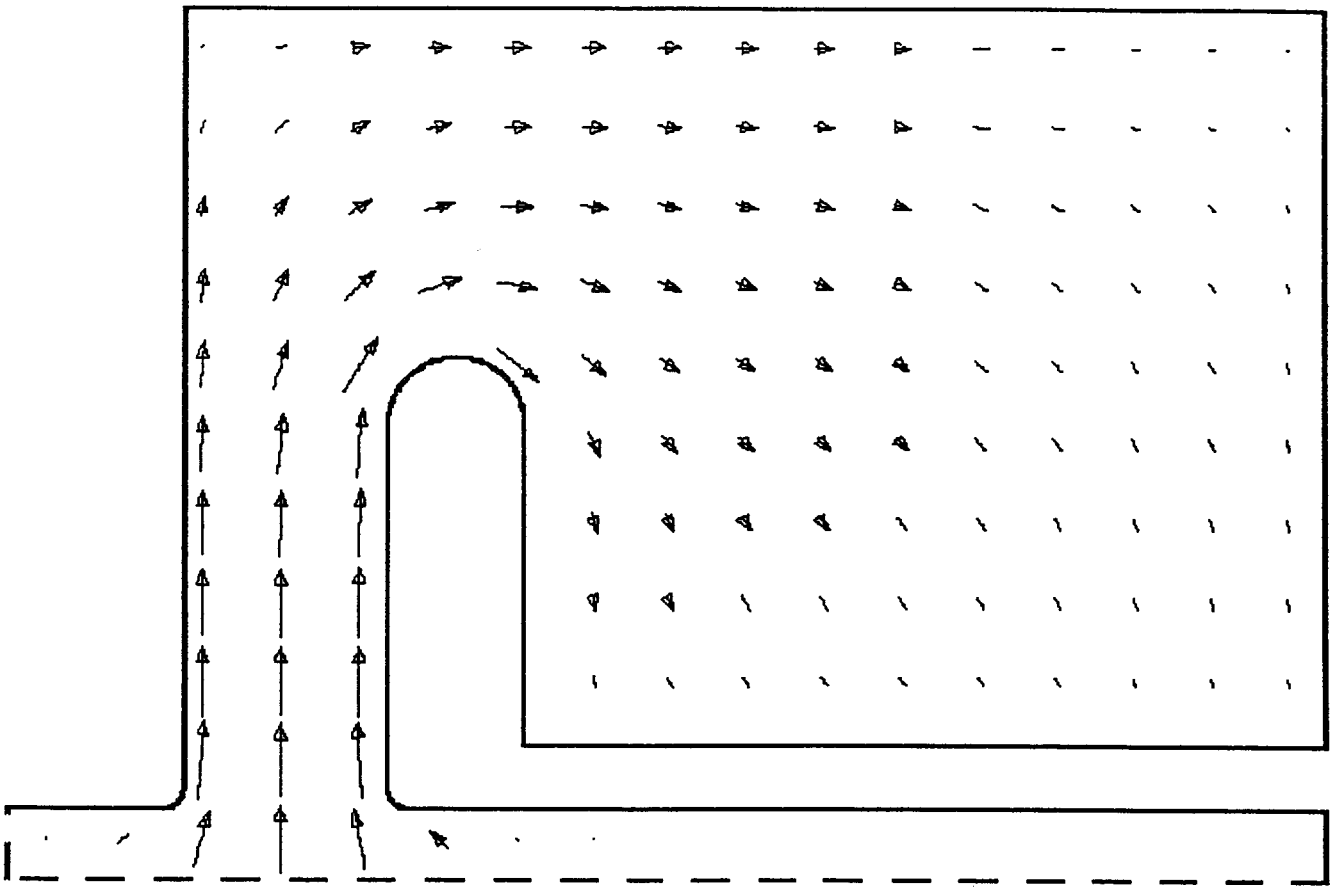

text: urmel-vuv 52mhz cavity
frame 1
plot: cavity shape
: id: jrose 12-jan80 13:23:03



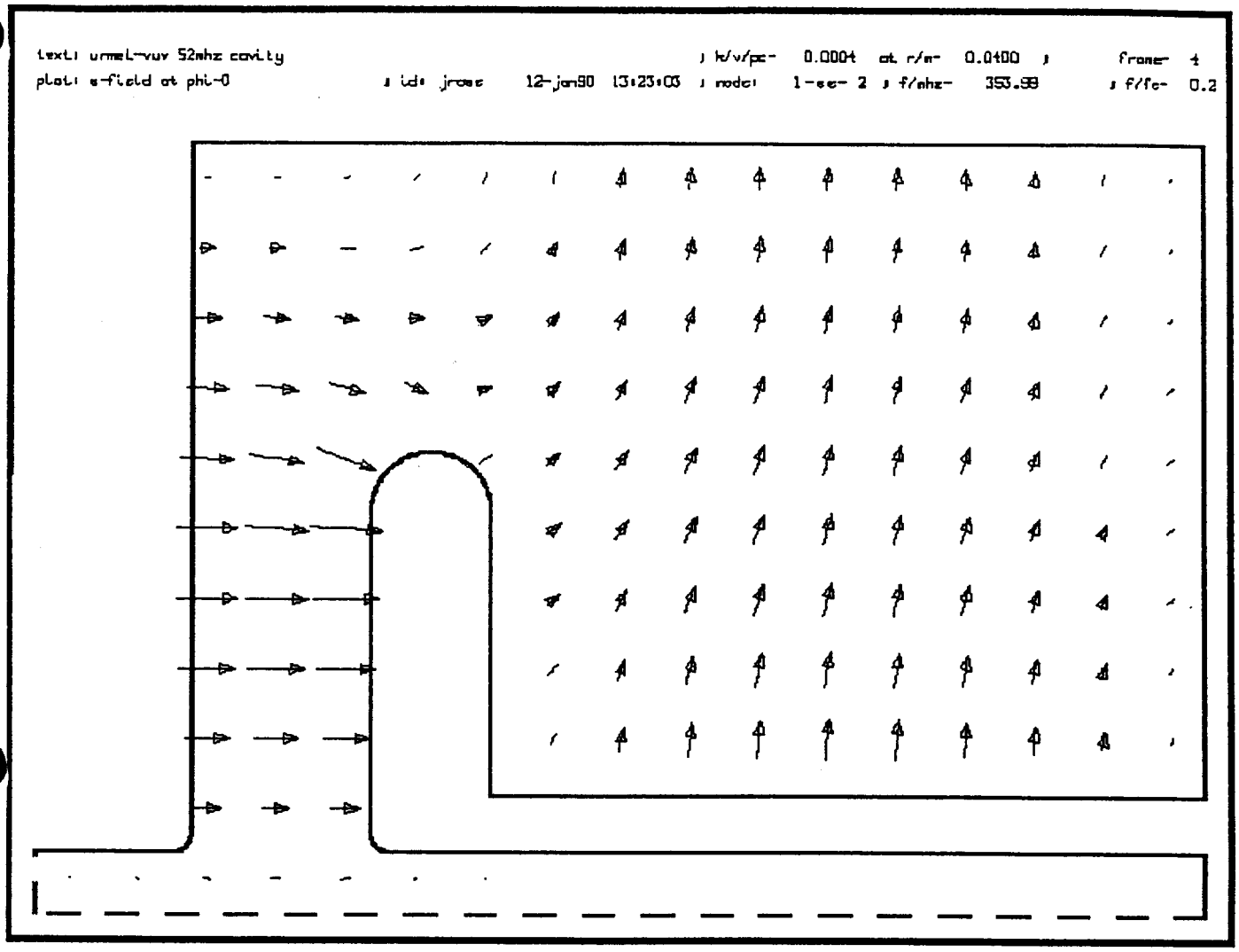
Dimensions incorrect, but
gives direction of e-fld for
203.65 MHz mode.
(This plot only dimensions input
as cm where code reqd meters)

text: urmel-vuv 52mhz cavity ; k/v/pc- 0.0007 at r/m- 0.0400 ; frame- 3

plot: h-field at phi-pi/12mm-at) ; id: jrose 12-jan90 13:23:03 ; mode: 1-se- 1 ; f/mhz- 203.65 ; f/fc- 0.1

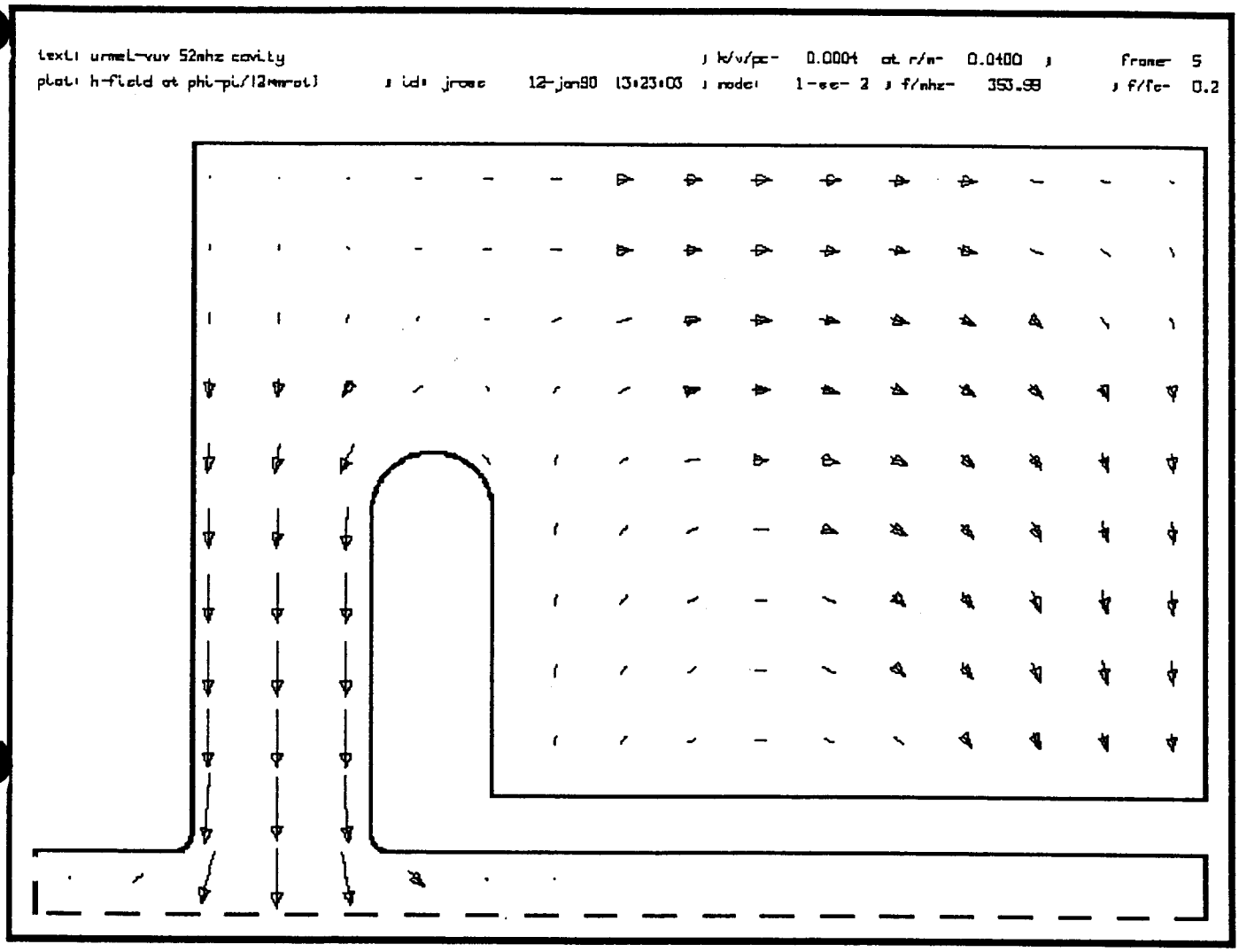


text: urmel-vuv 52mhz cavity ; k/v/pc- 0.0004 at r/m- 0.0400 ; frame- 4
plot: e-field at phi-0 ; id: jrose 12-jan90 13:23:03 ; mode: 1-sec- 2 ; f/mhz- 353.99 ; f/fc- 0.2



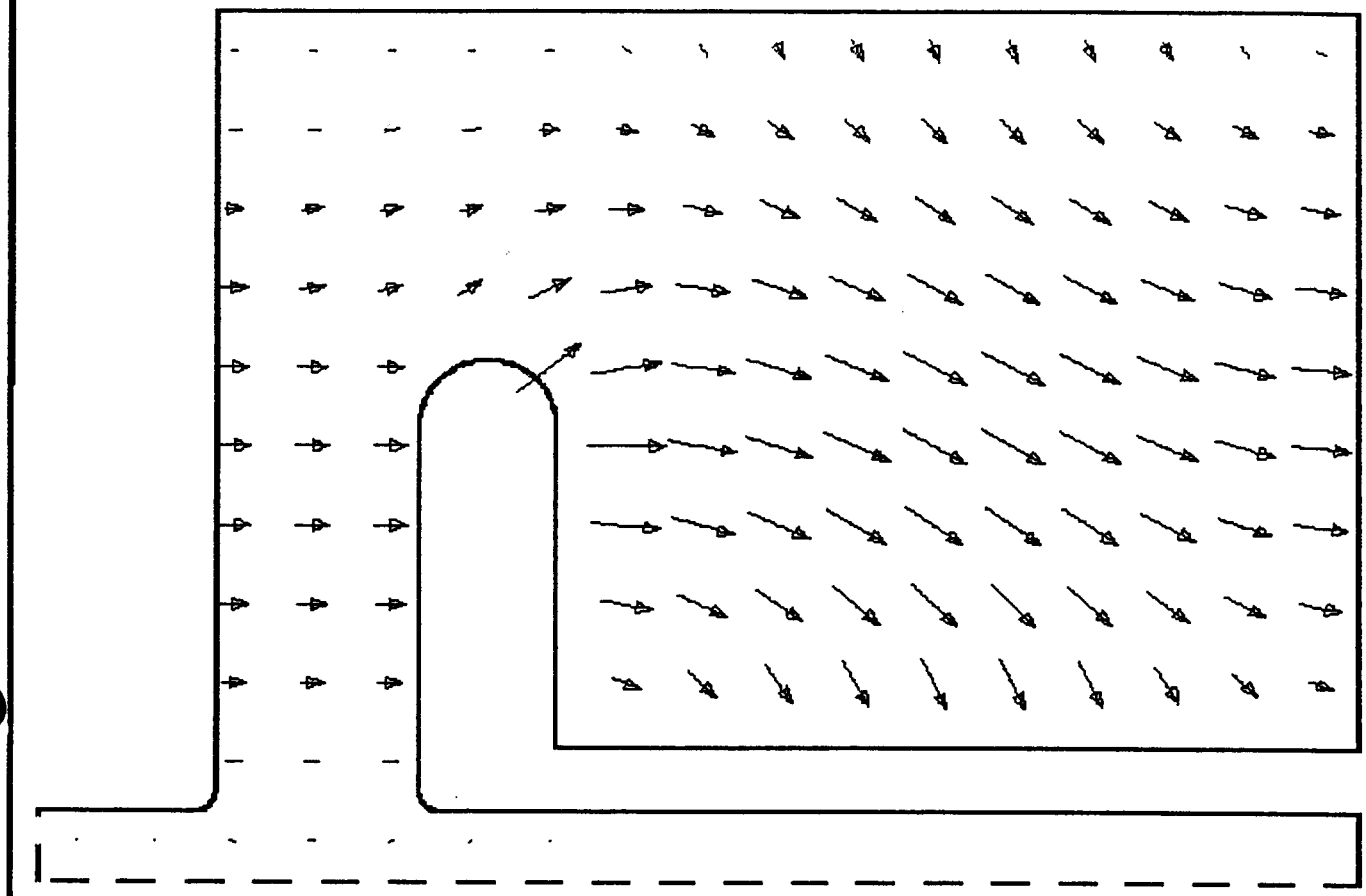
text: urmel-vuv 52mhz cavity ; k/v/pc- 0.0004 at r/m- 0.0400 ; frame- 5

plot: h-field at phi-pi/12mm-at ; id: jrose 12-jan90 13:23:03 ; mode: 1-ee- 2 ; f/mhz- 353.99 ; f/fc- 0.2



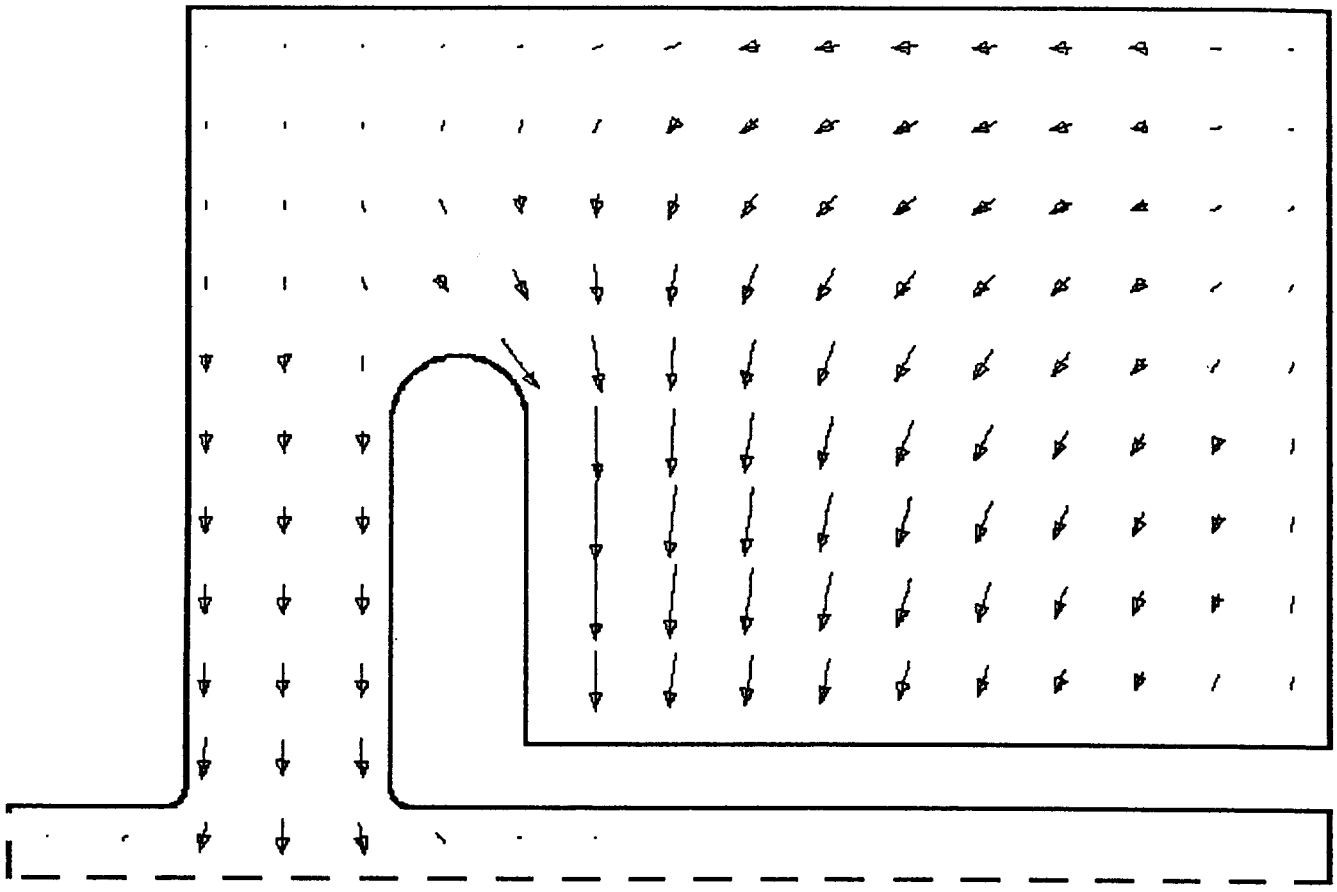
text: urmel-vuv 52mhz cavity ; k/v/pc- 0.0000 at r/m- 0.0400 ; frame- 6

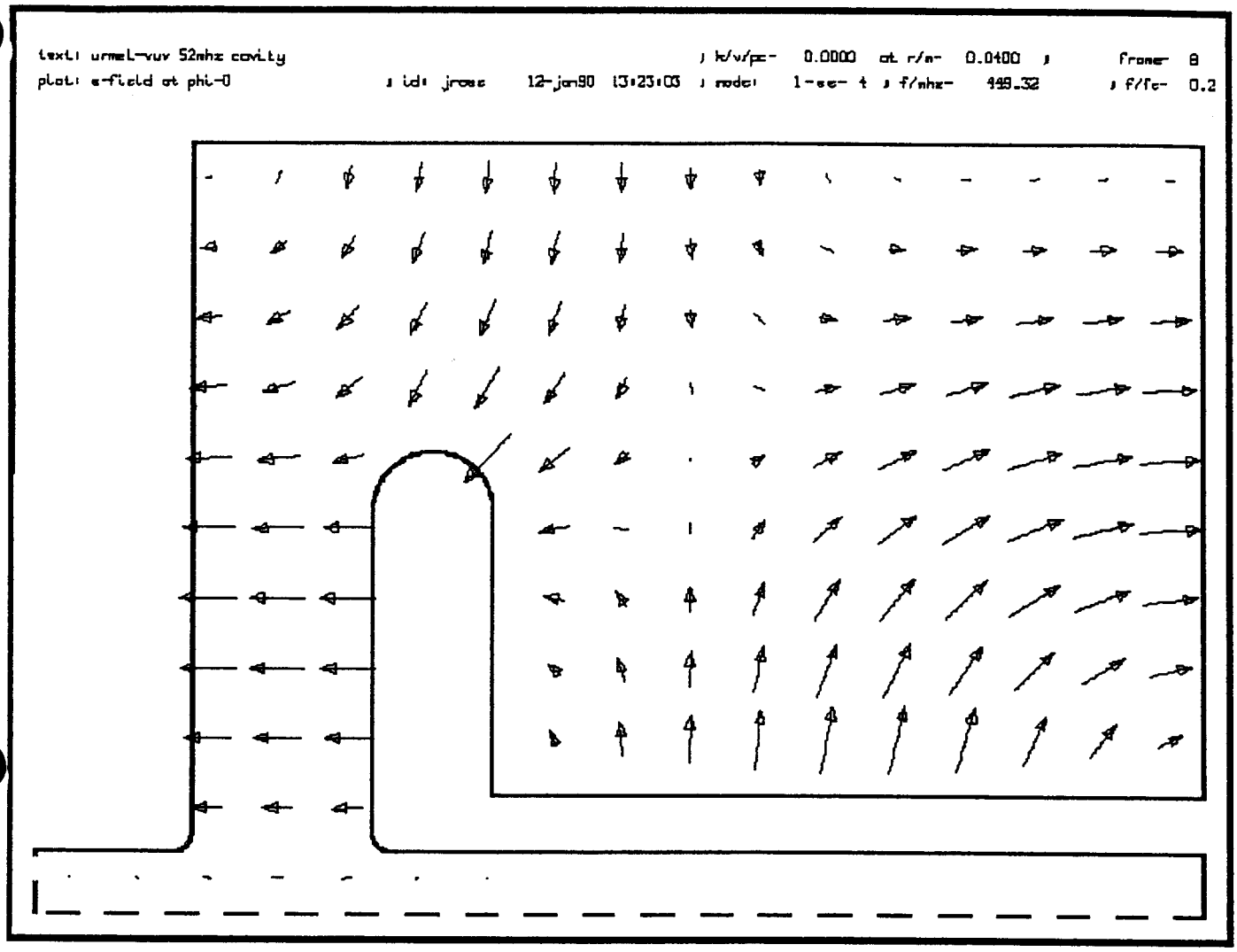
plot: e-field at phi-0 ; id: jrose 12-jan90 13:23:03 ; mode: 1-se- 3 ; f/mhz- 384.80 ; f/fc- 0.2

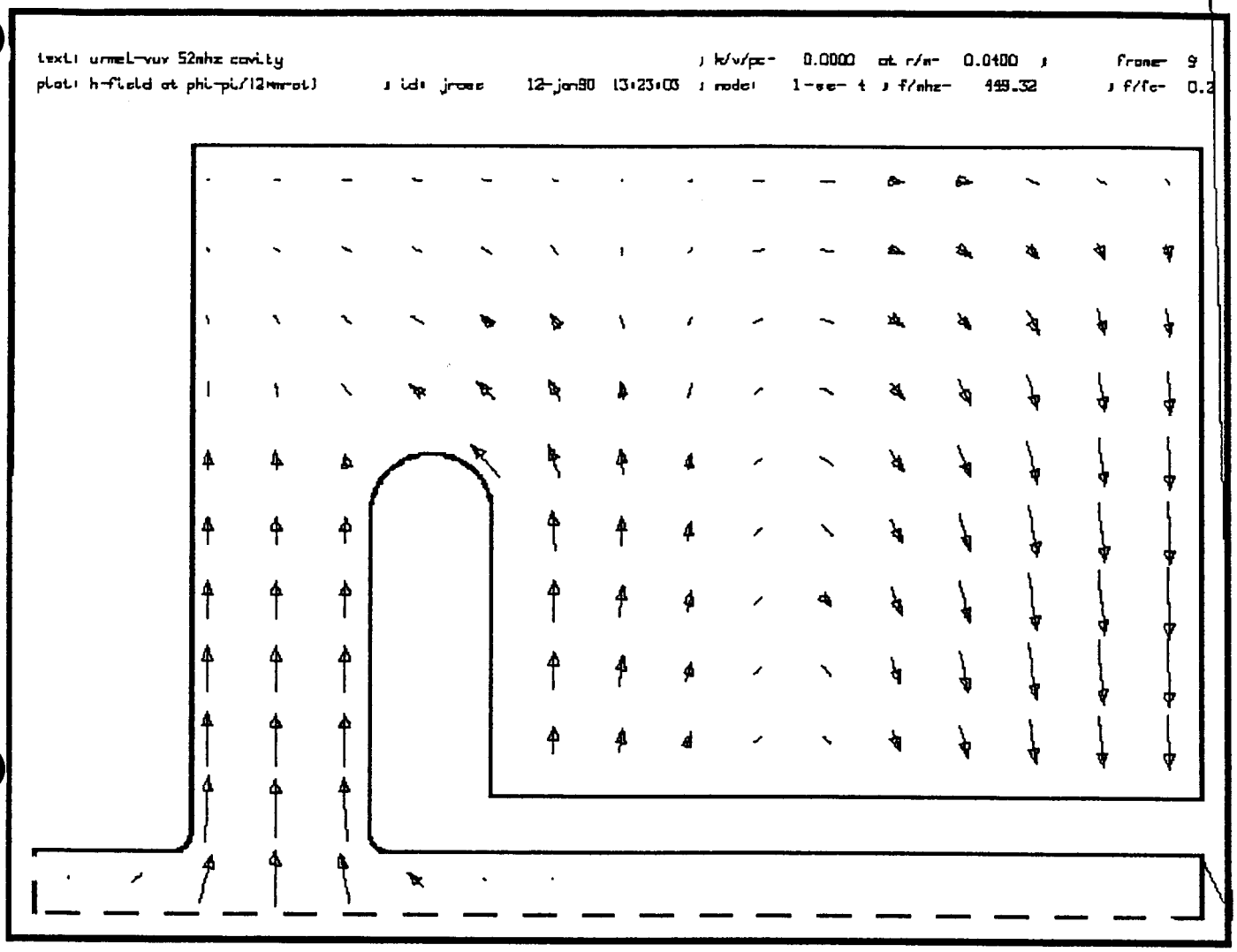


text: urmel-vuv 52mhz cavity ; k/v/pc- 0.0000 at r/m- 0.0400 ; frame- 7

plot: h-field at phi-pi/12(mm-at) ; id: jrose 12-jan90 13:23:03 ; mode: 1-se- 3 ; f/mhz- 384.80 ; f/fc- 0.2

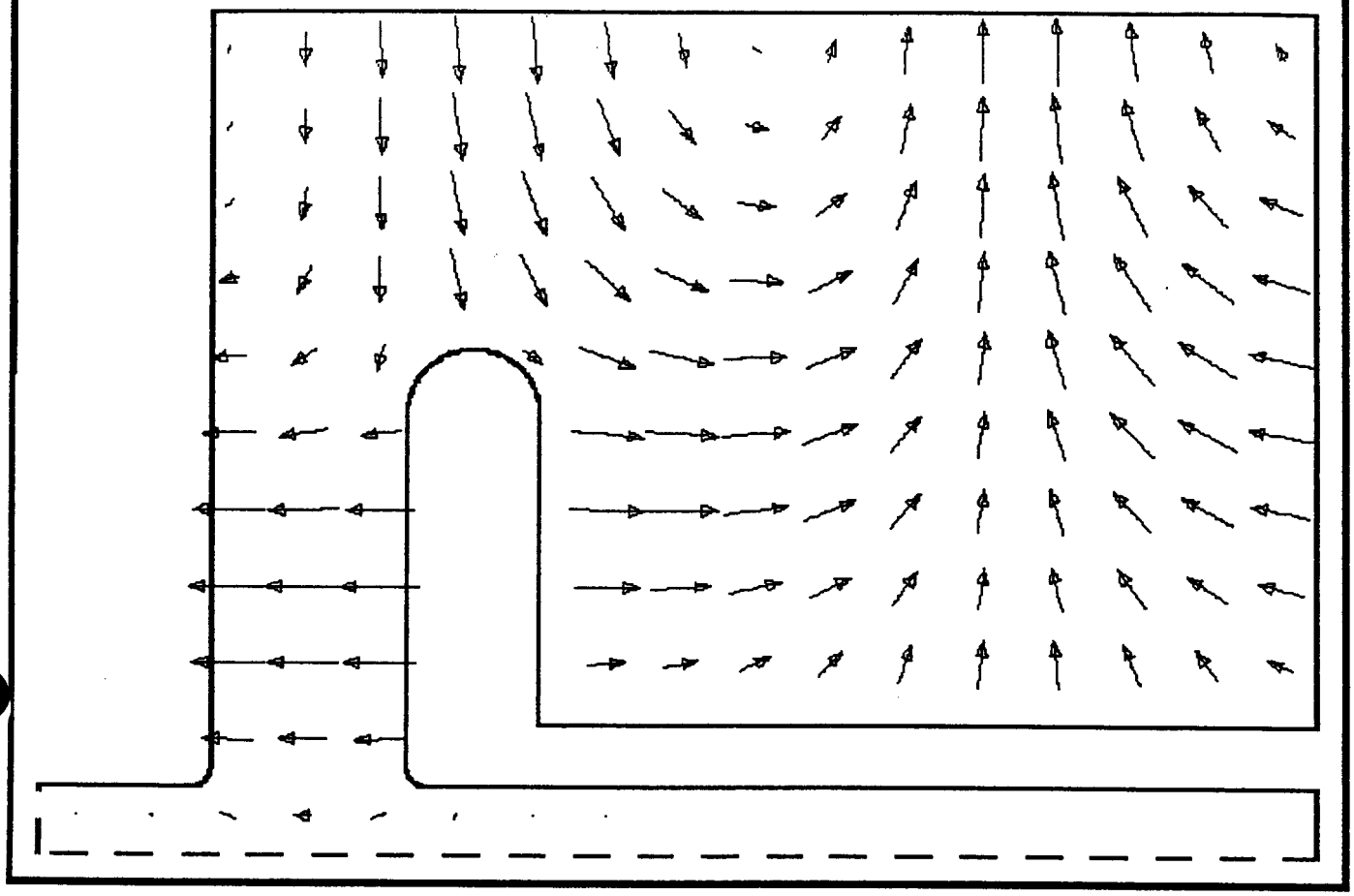



text: urmel-vuv 52mhz cavity
plot: e-field at phi-0
; id: jross 12-jan90 13:23:03
; k/v/pc- 0.0000 at r/m- 0.0400 ;
; mode: 1-se- 4 ; f/mhz- 449.32
frame- 8
; f/fc- 0.2


text: urmel-vuv 52mhz cavity
plot: h-field at phi-pi/12mm-ot)
id: jrose 12-jan90 13:23:03
k/v/pc- 0.0000 at r/m- 0.0400
node: 1-se- 4
f/mhz- 449.32
frame- 9
f/fc- 0.2

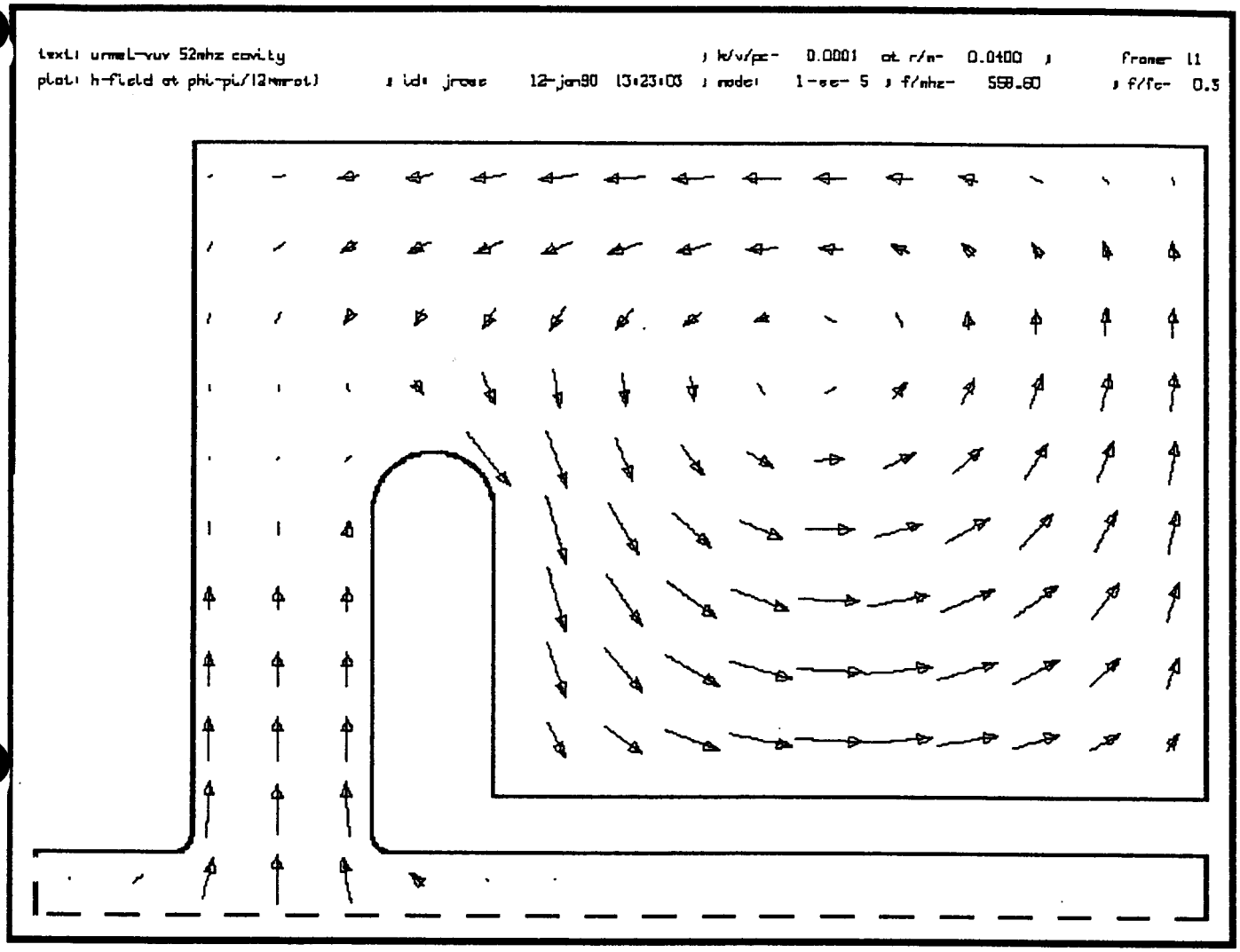
text: urmel-vuv 52mhz cavity ; k/v/pc- 0.0001 at r/m- 0.0400 ; frame- 10

plot: e-field at phi-0 ; id: jrose 12-jan90 13:23:03 ; mode: 1-sec- 5 ; f/mhz- 558.60 ; f/fc- 0.3



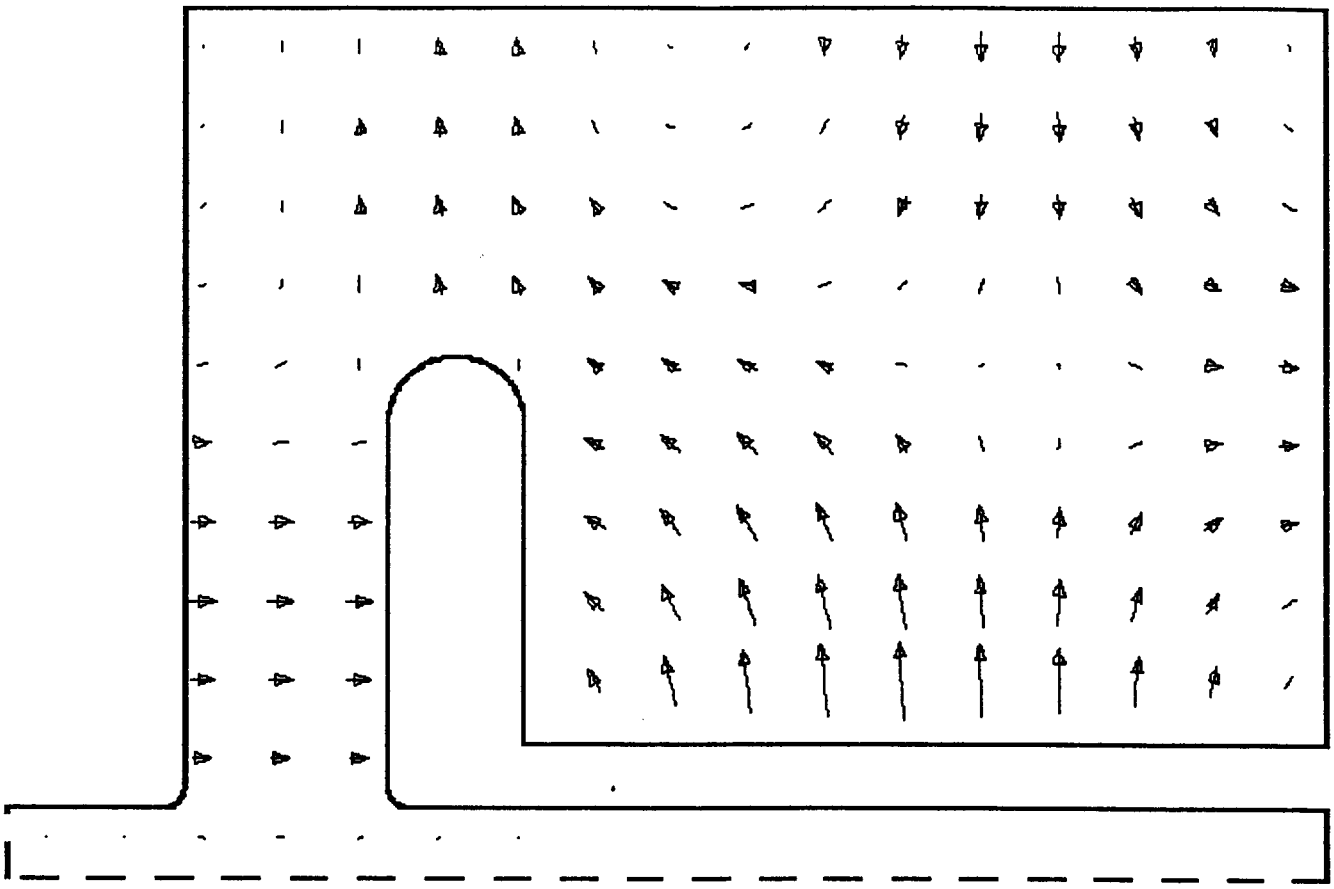
text: urmel-vuv 52mhz cavity ; k/v/pc- 0.0001 at r/m- 0.0400 ; frame- 11

plot: h-field at phi-pi/12(mrot) ; id: jrose 12-jan90 13:23:03 ; mode: 1-se- 5 ; f/mhz- 558.60 ; f/fc- 0.5



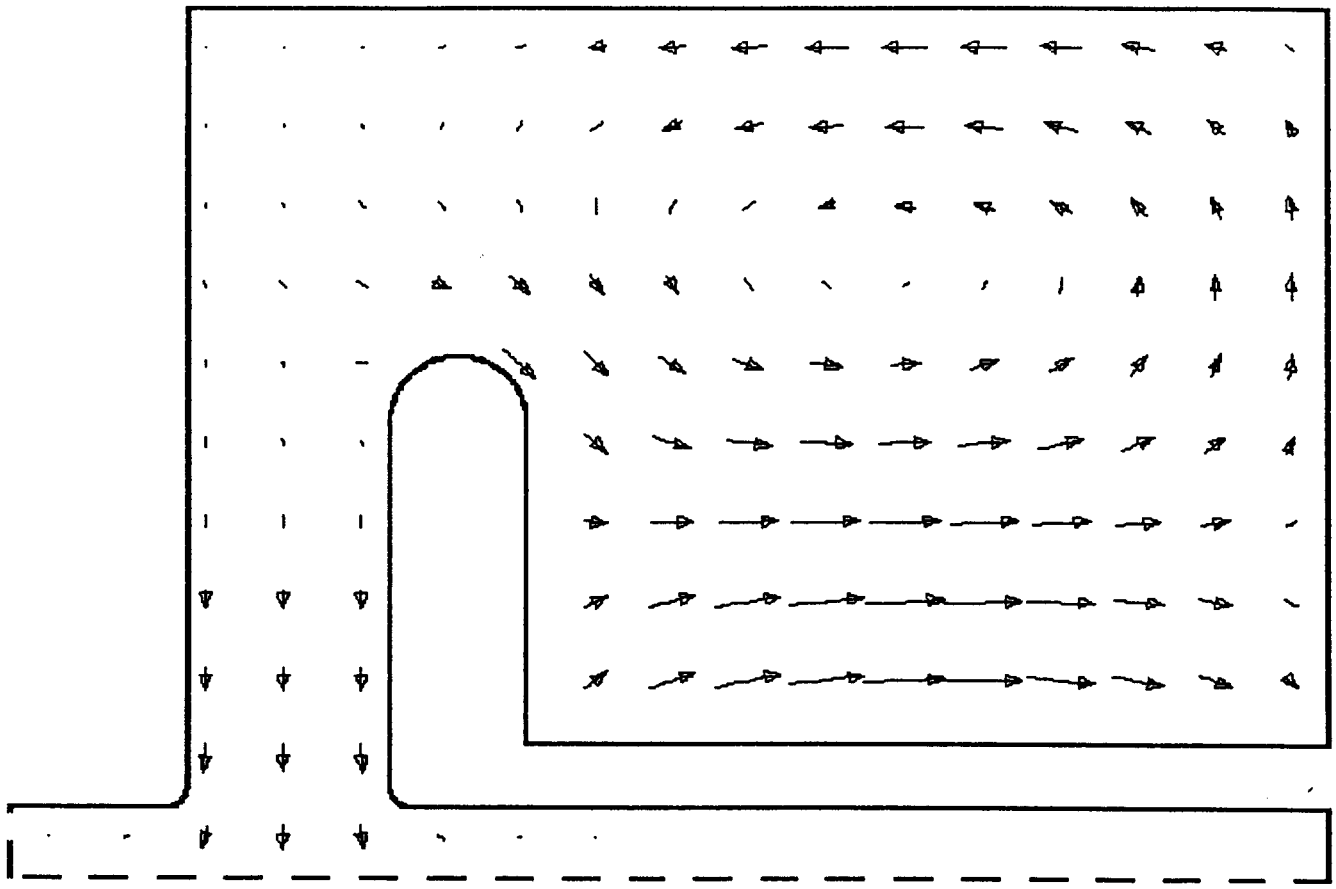
text: urmel-vuv 52mhz cavity ; k/v/pc- 0.0001 at r/m- 0.0400 ; frame- 12

plot: e-field at phi-0 ; id: jrose 12-jan90 13:23:03 ; mode: 1-se- 6 ; f/mhz- 573.09 ; f/fc- 0.3



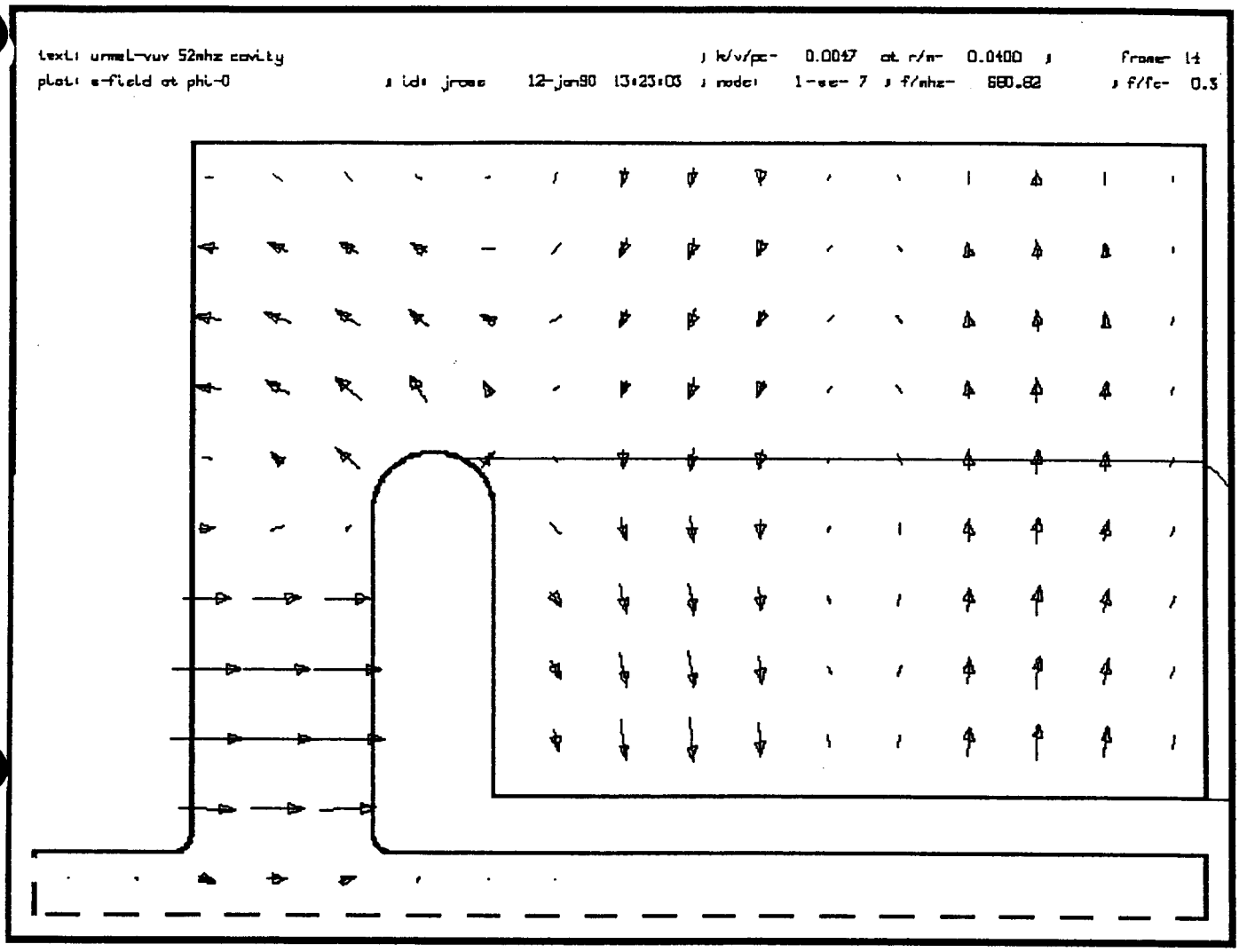
text: urmel-vuv 52mhz cavity ; k/v/pc- 0.0001 at r/m- 0.0400 ; frame- 13

plot: h-field at phi-pi/12mm-at1 ; id: jrose 12-jan90 13:23:03 ; mode: 1-ee- 6 ; f/mhz- 573.09 ; f/fc- 0.3



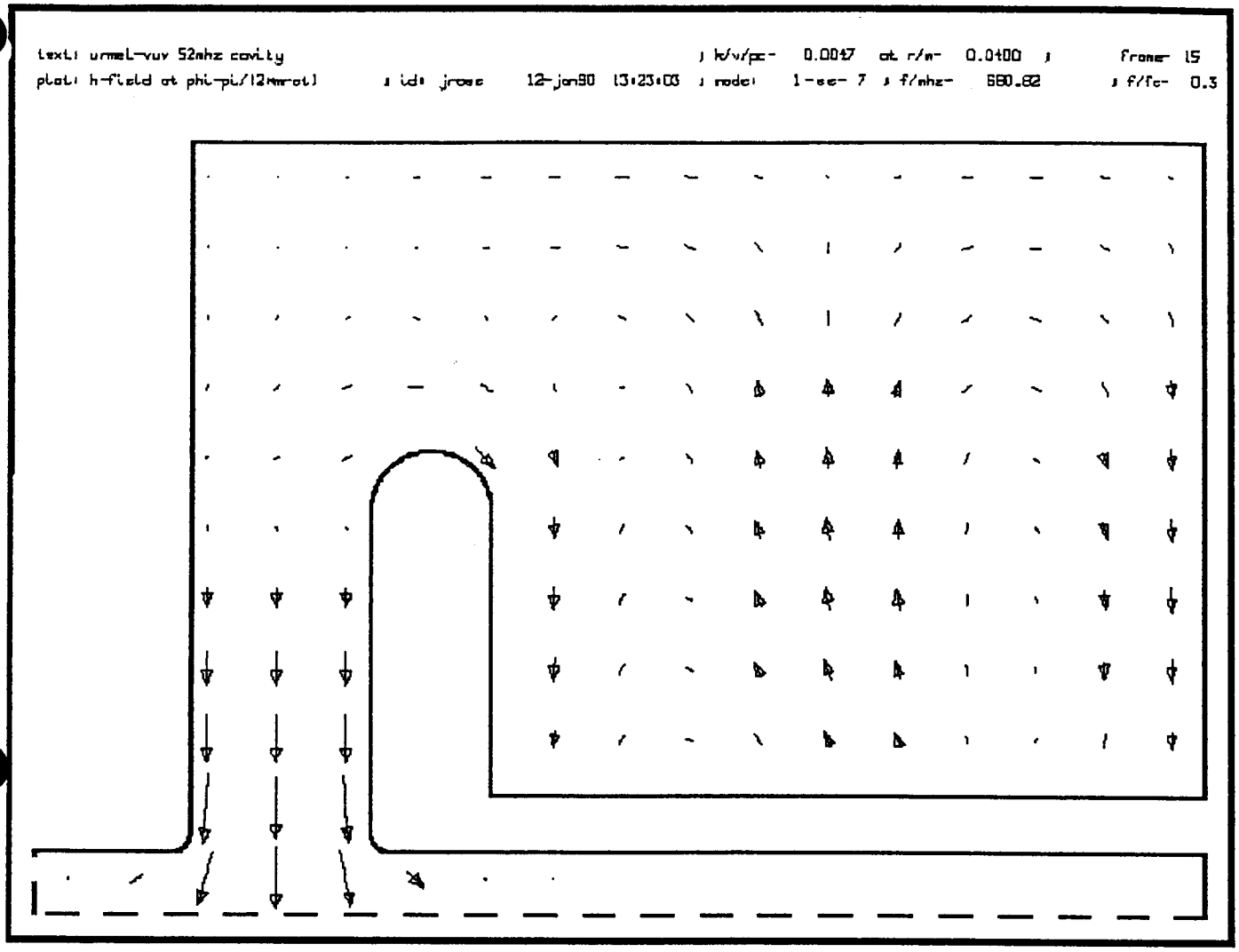
text: urmel-vuv 52mhz cavity ; k/v/pc- 0.0047 at r/m- 0.0400 ; frame- 14

plot: e-field at phi-0 ; id: jrose 12-jan90 13:23:03 ; node: 1-ee- 7 ; f/mhz- 680.82 ; f/fc- 0.3



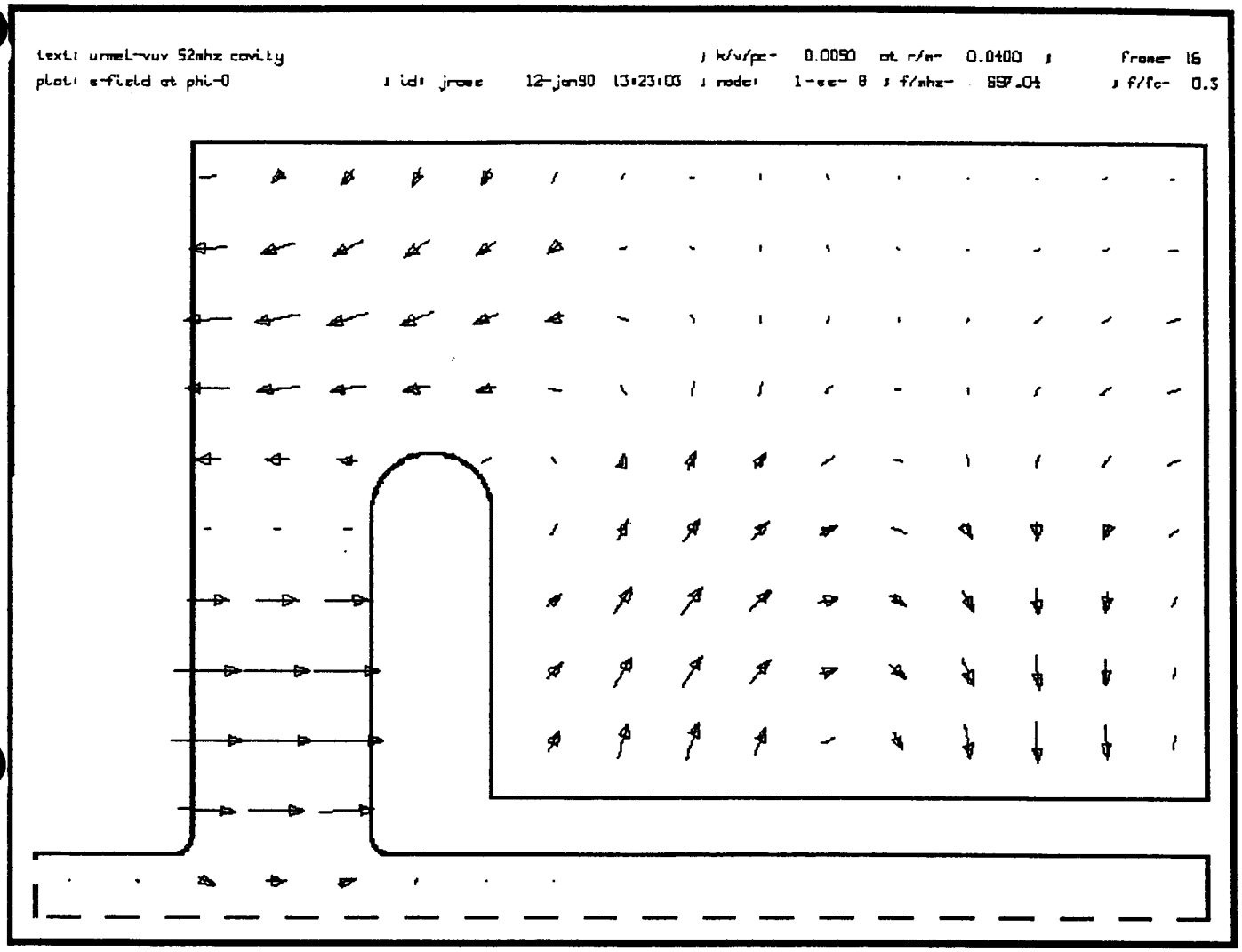
text: urmel-vuv 52mhz cavity ; k/v/pc- 0.0047 at r/m- 0.0400 ; frame- 15

plot: h-field at phi-pi/12mm-ot) ; id: jrose 12-jan90 13:23:03 ; mode: 1-ee- 7 ; f/mhz- 680.82 ; f/fc- 0.3



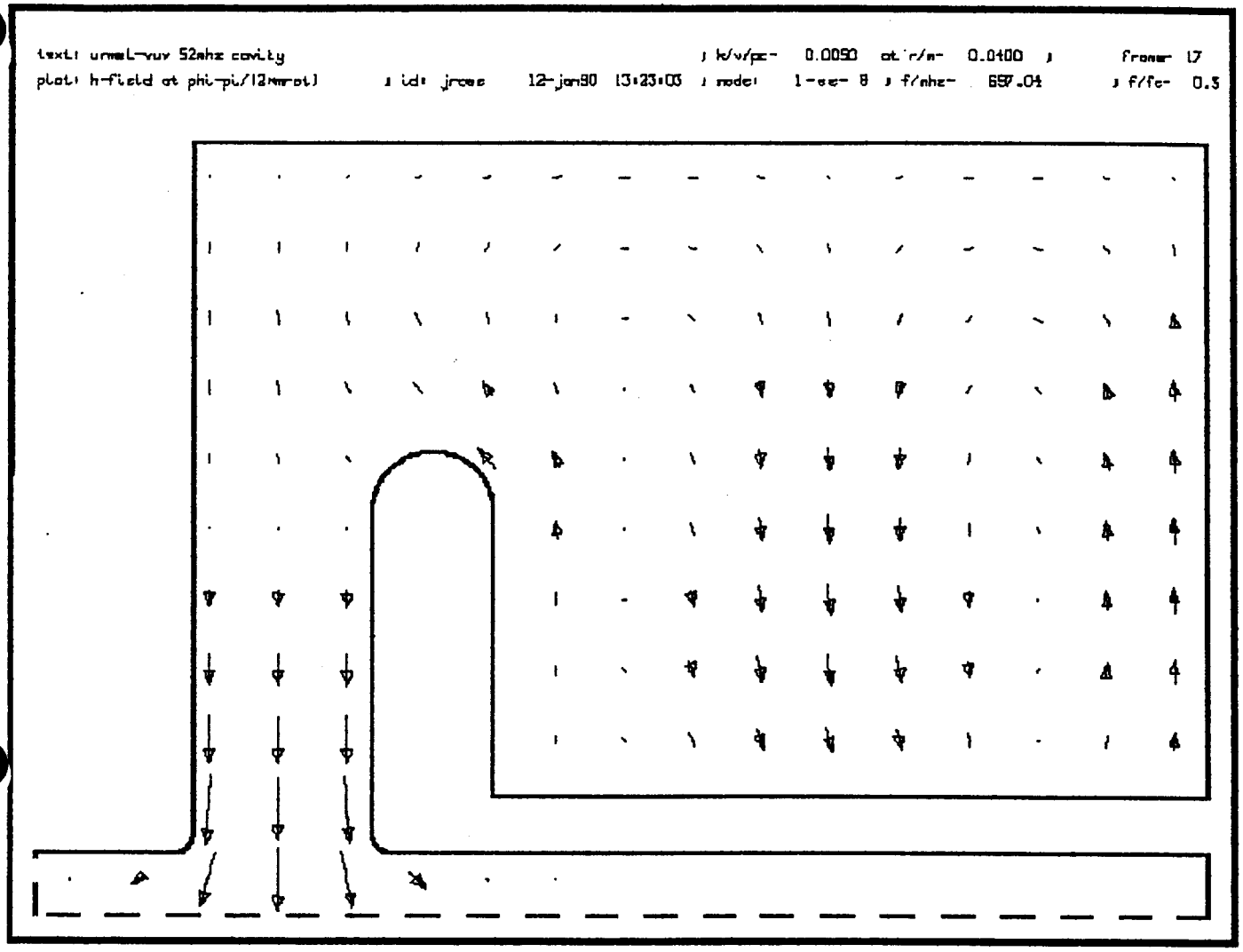
text: urmel-vuv 52mhz cavity ; k/v/pc= 0.0050 at r/m= 0.0400 ; frame= 16

plot: e-field at phi=0 ; id: jrose 12-jan90 13:23:03 ; mode: 1-ee- 8 ; f/mhz= 857.04 ; f/fc= 0.3



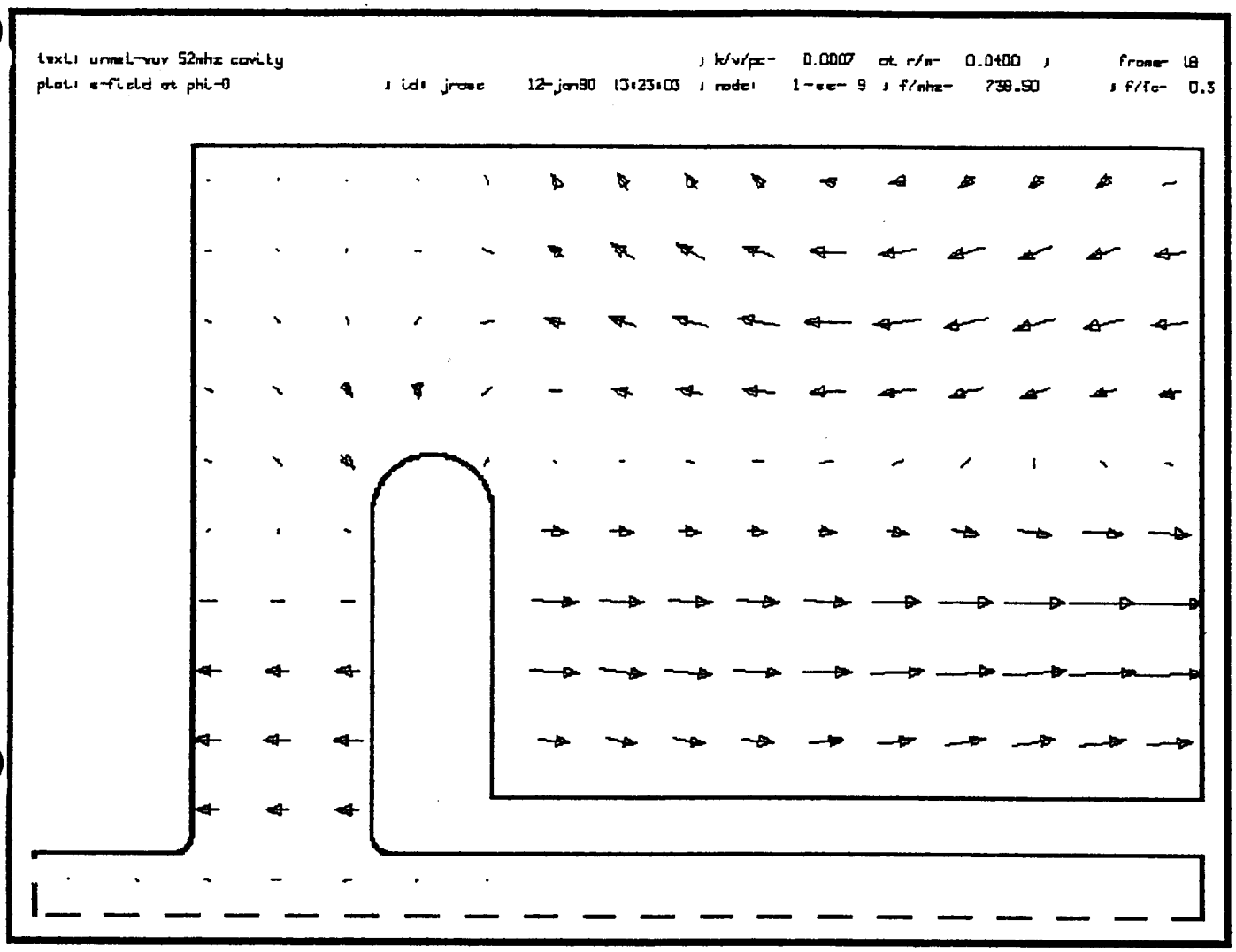
text: urmel-vuv 52mhz cavity ; k/v/pc- 0.0050 at r/m- 0.0400 ; frame- 17

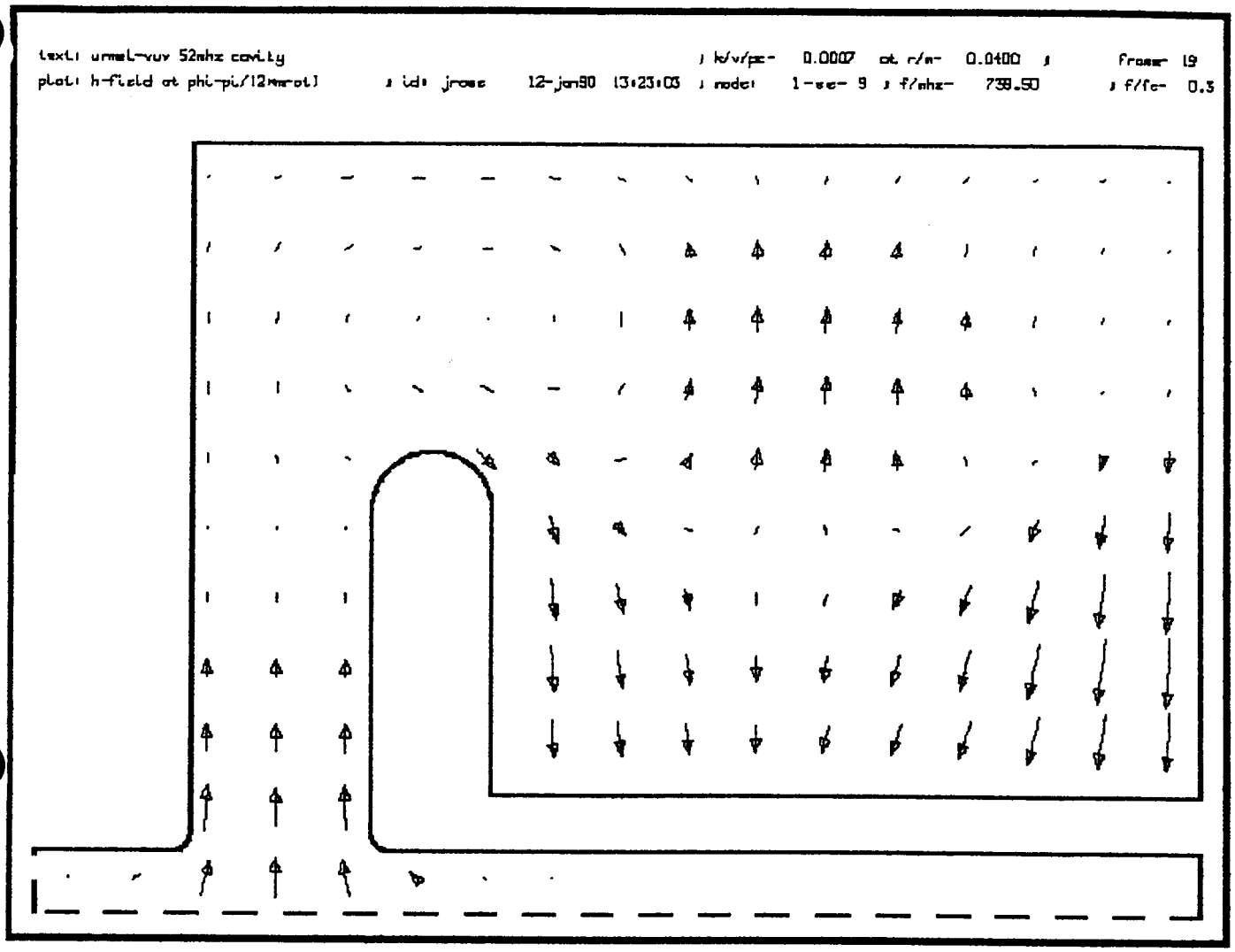
plot: h-field at phi-pi/12mm-at) ; id: jrcee 12-jan90 13:23:03 ; mode: 1-ee- 8 ; f/mhz- 697.04 ; f/fc- 0.5



text: urmel-vuv 52mhz cavity ; k/v/pc- 0.0007 at r/m- 0.0400 ; frame- 18

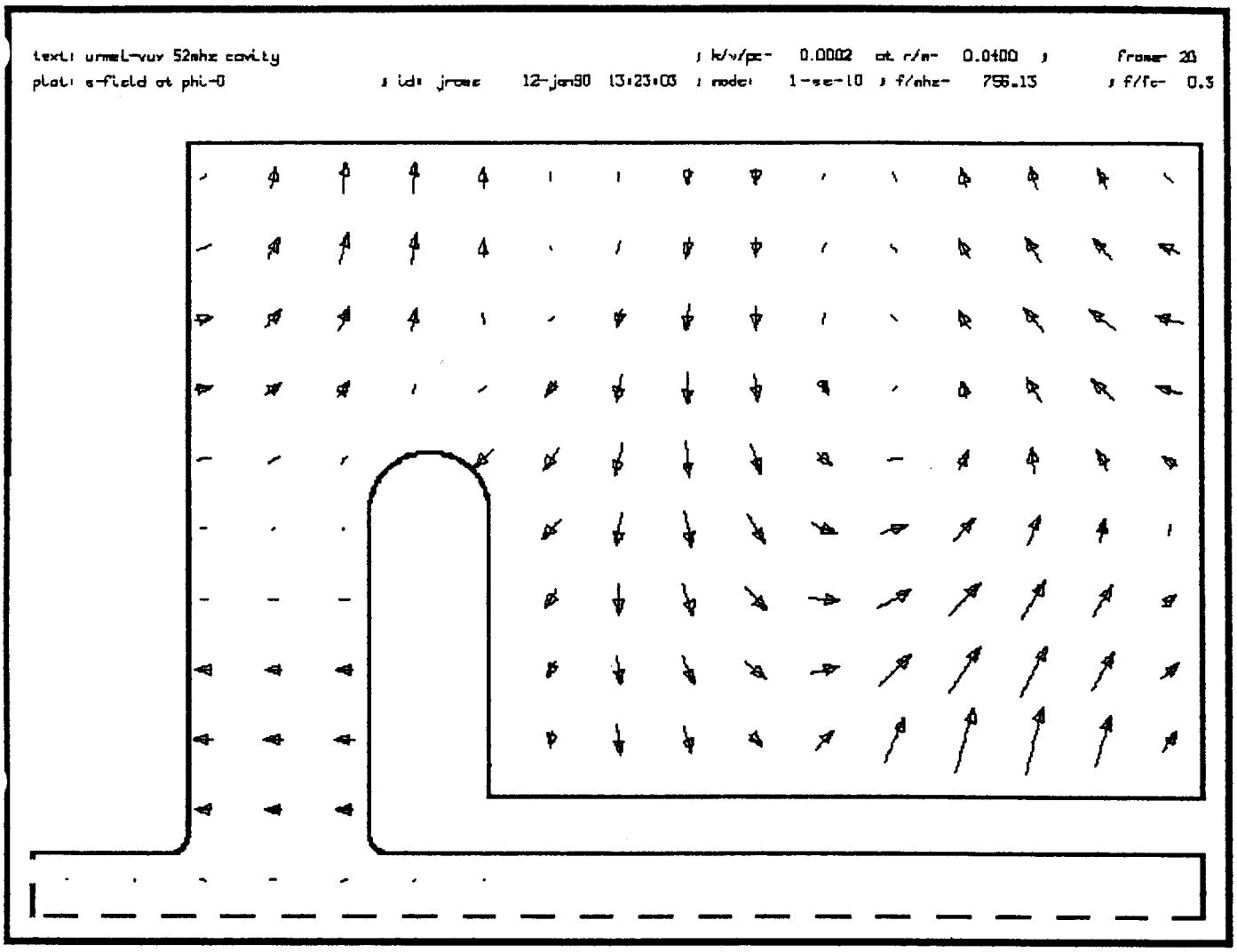
plot: e-field at phi-0 ; id: jrose 12-jan90 13:23:03 ; mode: 1-sec- 9 ; f/mhz- 738.50 ; f/fc- 0.3




text: urmel-vuv 52mhz cavity
plot: h-field at phi-pi/12*mm-ot]
; id: jrose 12-jan90 13:23:03
; k/v/pc- 0.0007 at r/m- 0.0400 ;
; mode: 1-se- 9 ; f/mhz- 739.50
frame- 19
; f/fc- 0.3

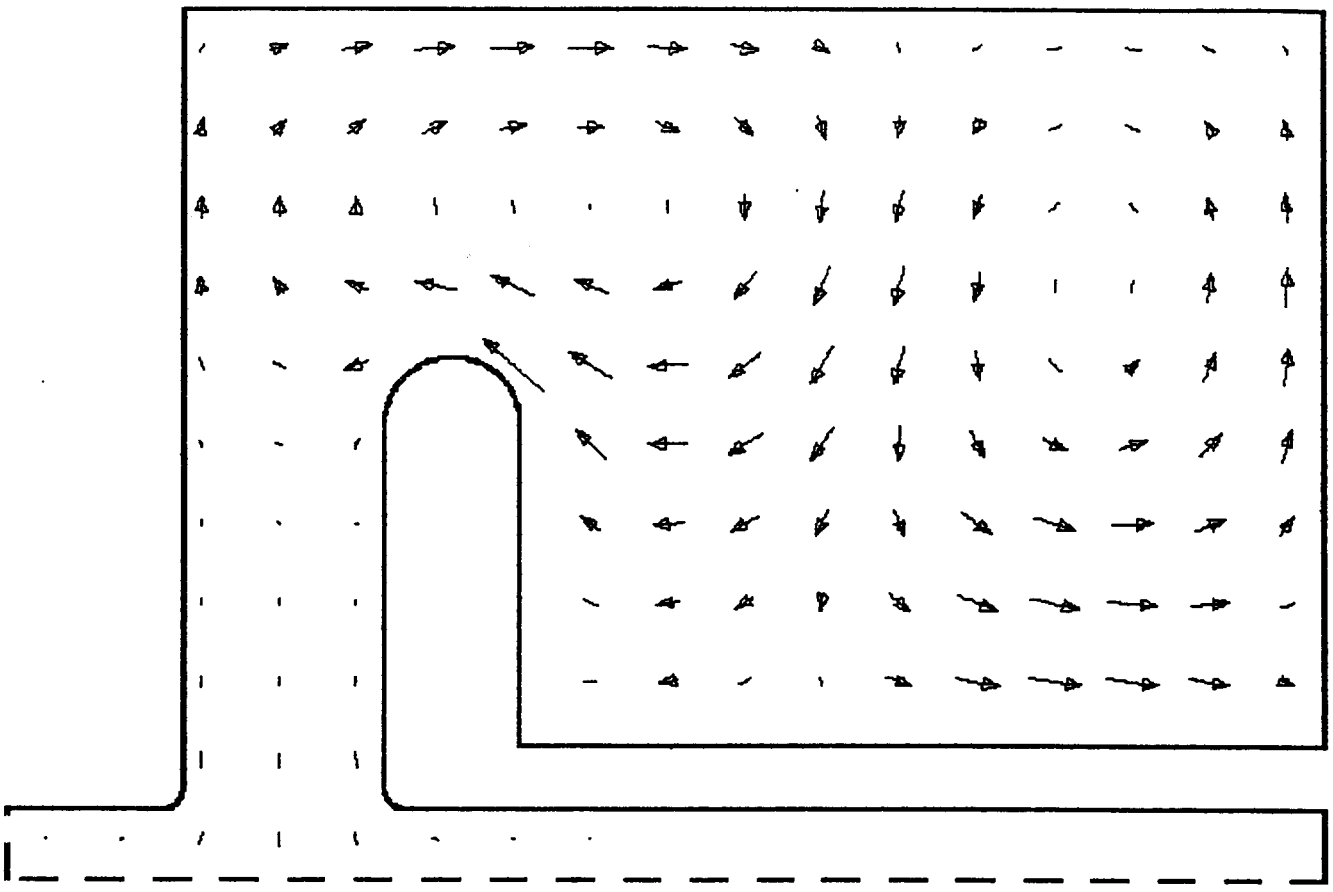
text: urmel-vuv 52mhz cavity ; k/v/pc- 0.0002 at r/m- 0.0400 ; frame- 20

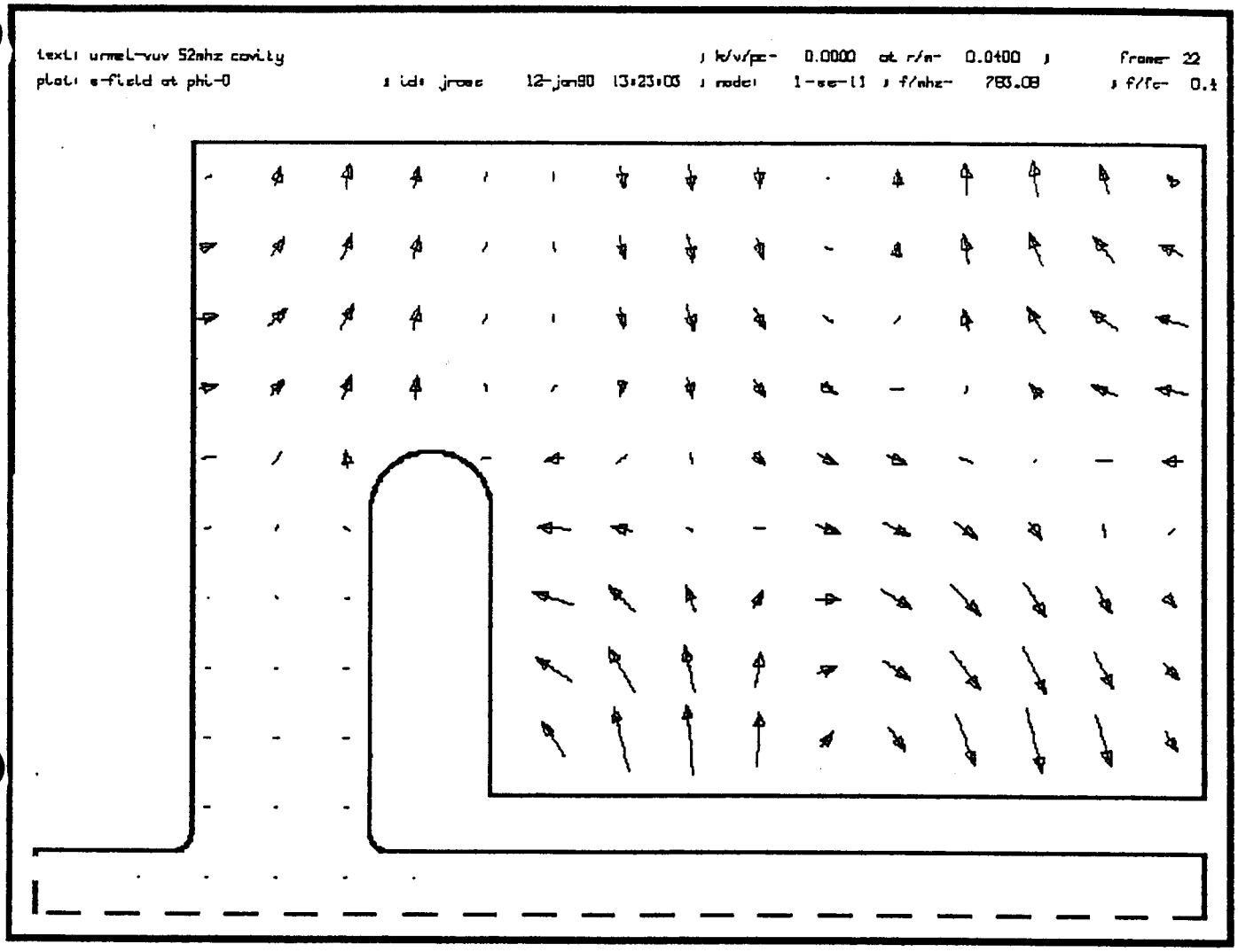
plot: e-field at phi-0 ; id: jrose 12-jan90 13:23:03 ; mode: 1-se-10 ; f/mhz- 756.13 ; f/fc- 0.5



text: urmel-vuv 52mhz cavity ; k/v/pc- 0.0002 at r/m- 0.0400 ; frame- 21

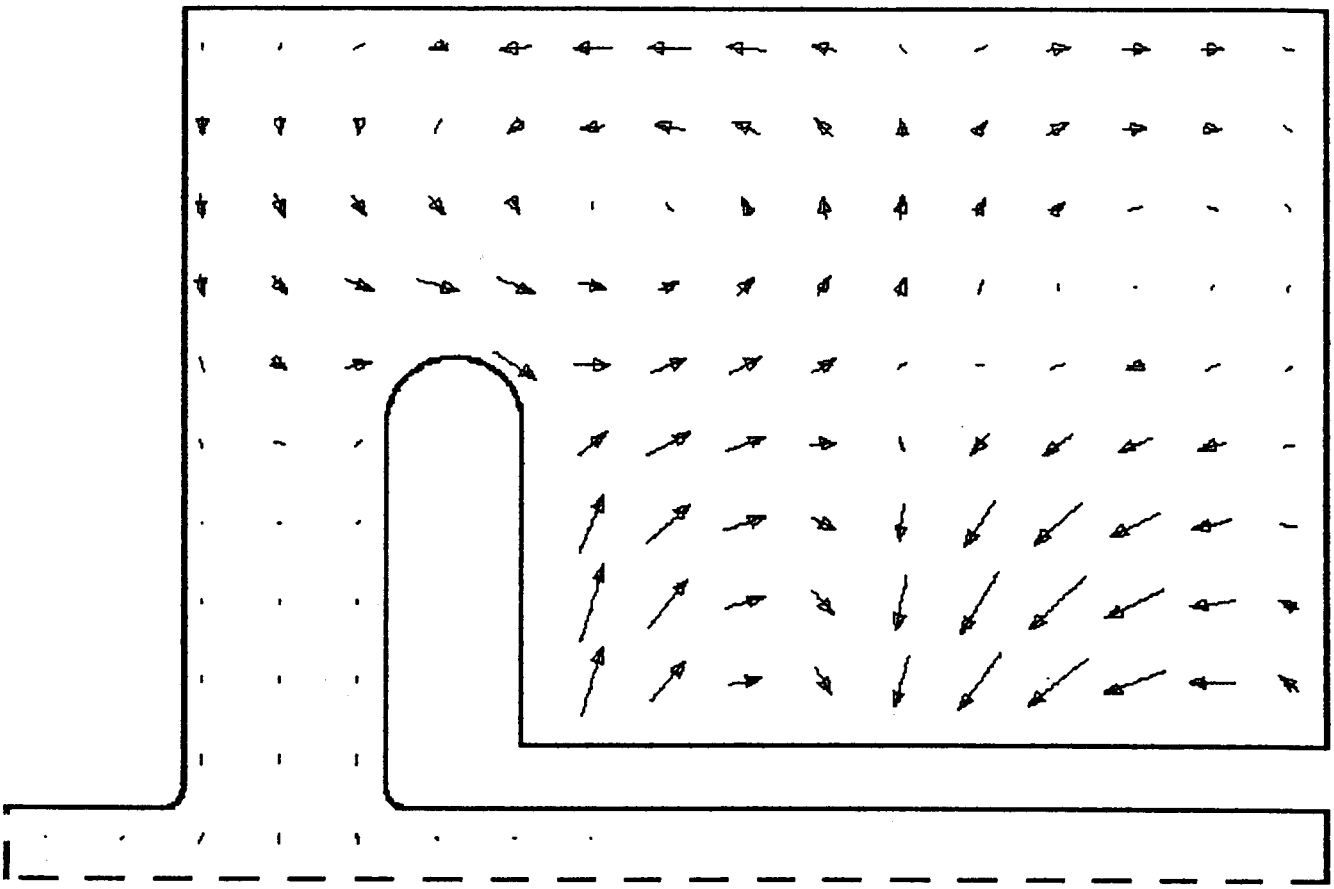
plot: h-field at phi-pi/12mm-at) ; id: jrose 12-jan90 13:23:03 ; mode: 1-ee-10 ; f/mhz- 756.13 ; f/fc- 0.3

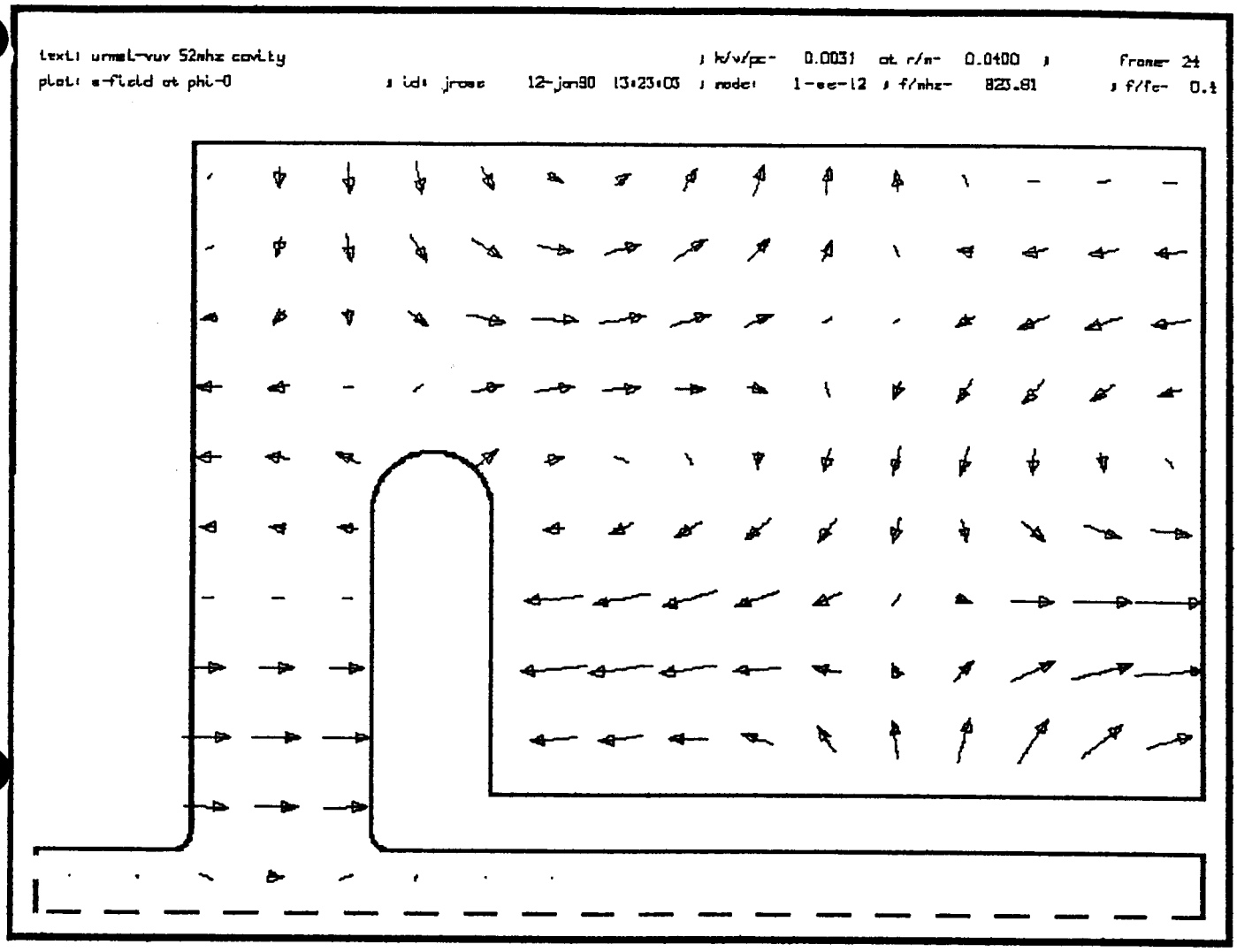


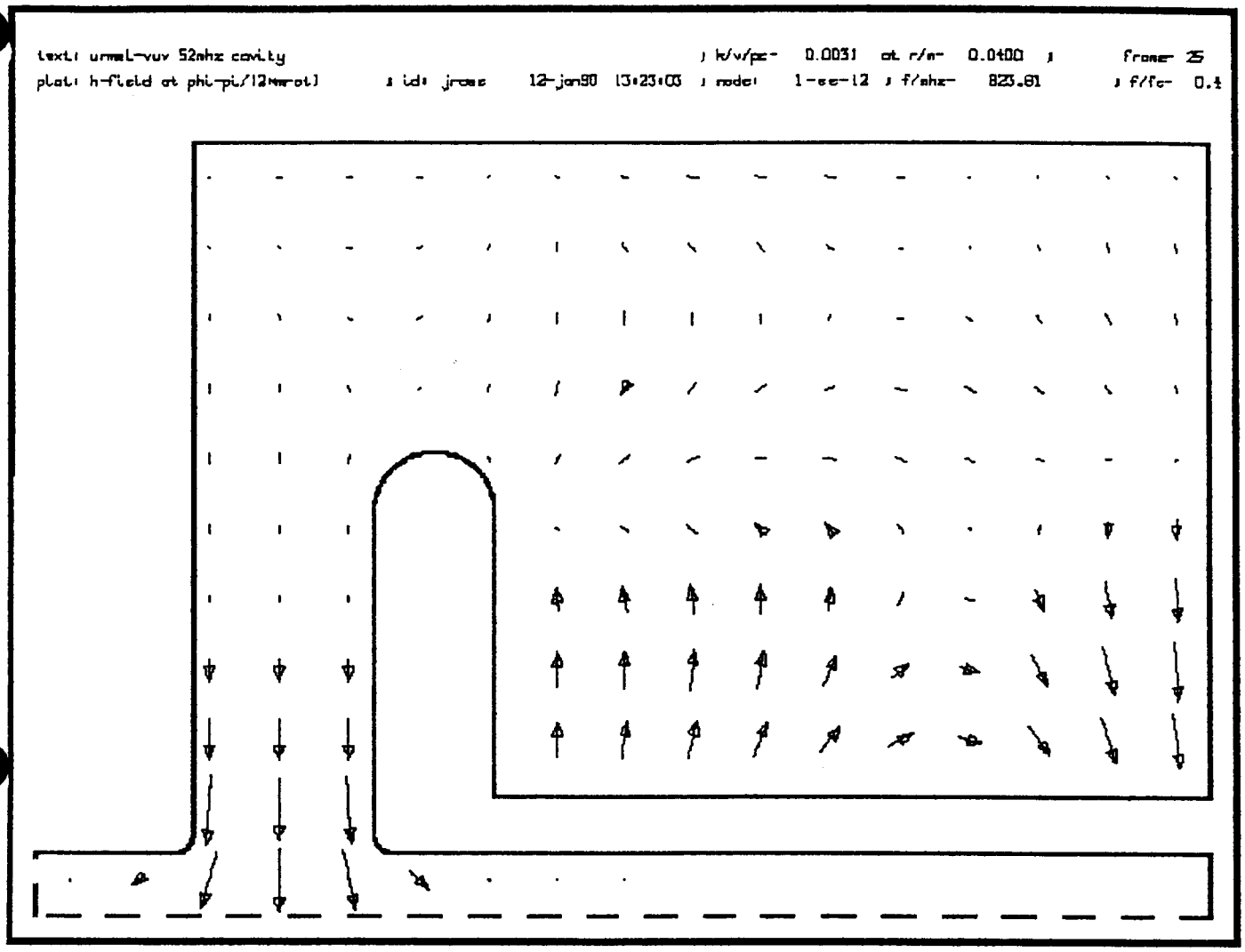

text: urmel-vuv 52mhz cavity
plot: e-field at phi-0
; id: jrose 12-jan90 13:23:03 ; mode: 1-se-11 ; f/mhz- 783.08
; k/v/pc- 0.0000 at r/m- 0.0400 ;
frame- 22
; f/fc- 0.1

text: urmel-vuv 52mhz cavity ; k/v/pc- 0.0000 at r/m- 0.0400 ; frame- 23

plot: h-field at phi-pi/12mm-at) ; id: jrose 12-jan90 13:23:03 ; node: 1-ee-11 ; f/mhz- 783.08 ; f/fc- 0.1

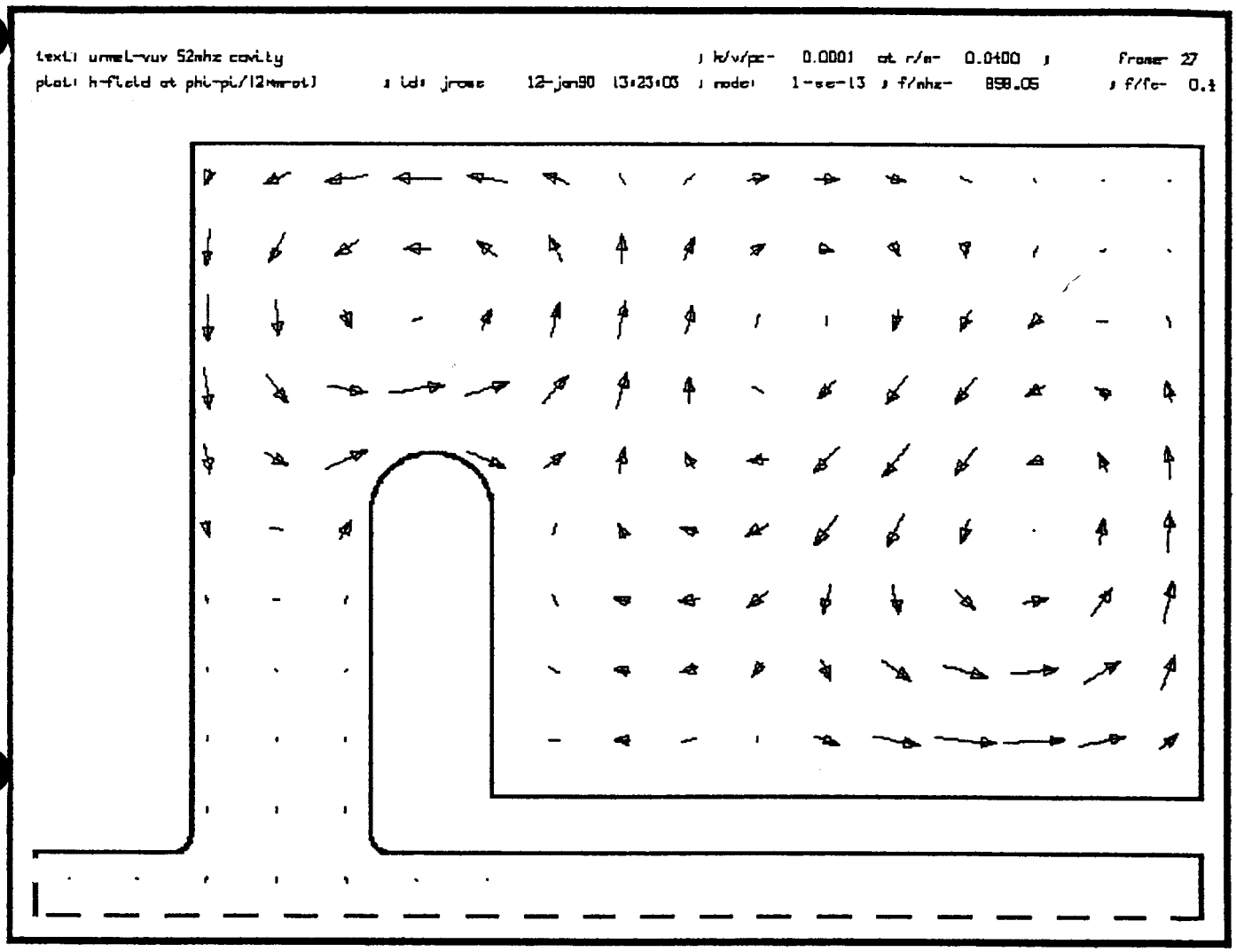



text: urmel-vuv 52mhz cavity
plot: e-field at phi-0
; id: jrose 12-jan90 13:23:03 ; node: 1-ee-12 ; f/mhz- 823.81
; k/v/pc- 0.0031 at r/m- 0.0400 ;
frame- 24
; f/fc- 0.1


text: urmel-vuv 52mhz cavity
plot: h-field at phi-pi/12*mm-ot)
; id: jrose 12-jan90 13:23:03
; node: 1-se-12
; f/mhz- 823.81
; f/fc- 0.4
frame- 25

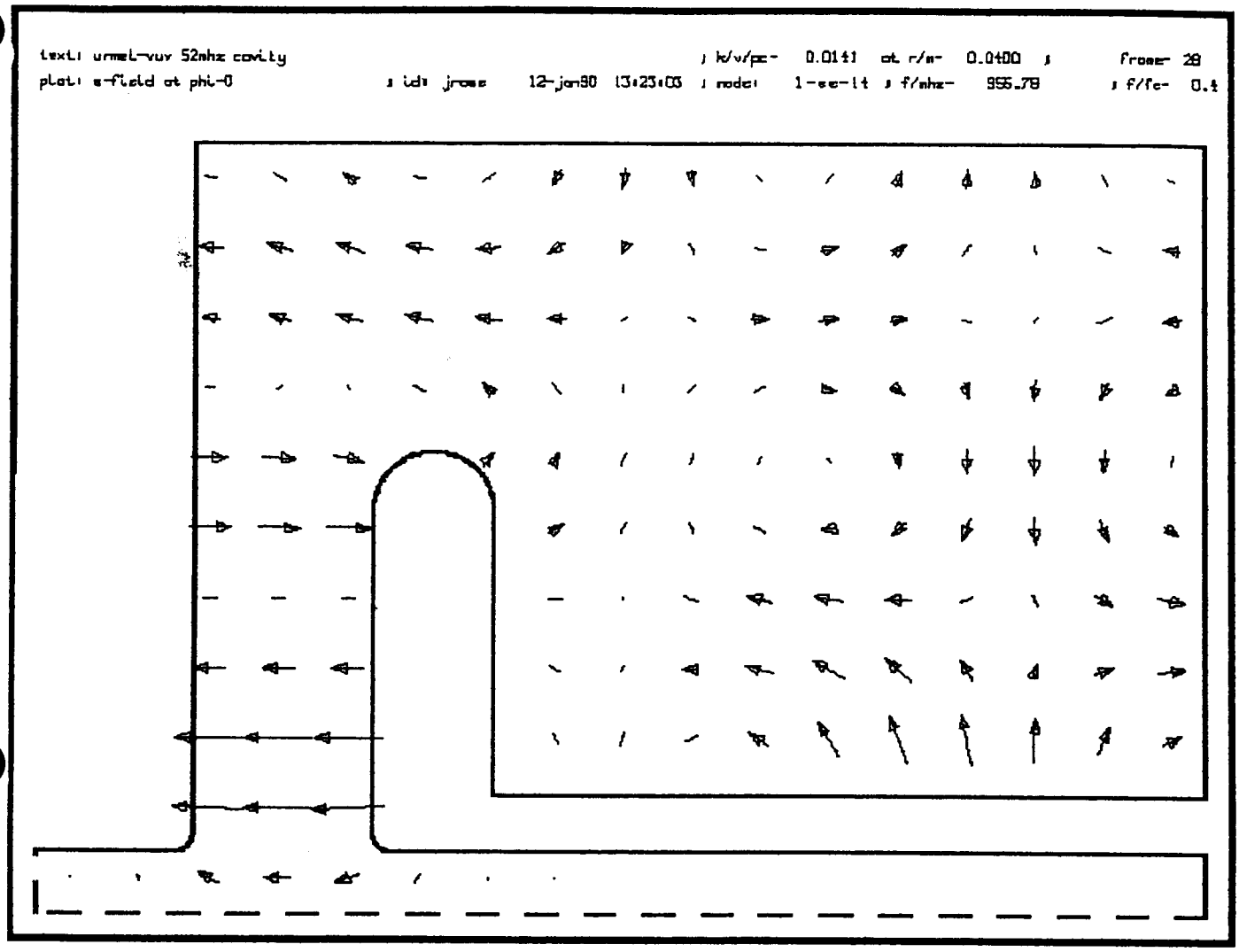
text: urmel-vuv 52mhz cavity ; k/v/pc- 0.0001 at r/m- 0.0400 ; frame- 27

plot: h-field at phi-pi/12mm-ot ; id: jrose 12-jan90 13:23:03 ; mode: 1-se-13 ; f/mhz- 858.05 ; f/fc- 0.1



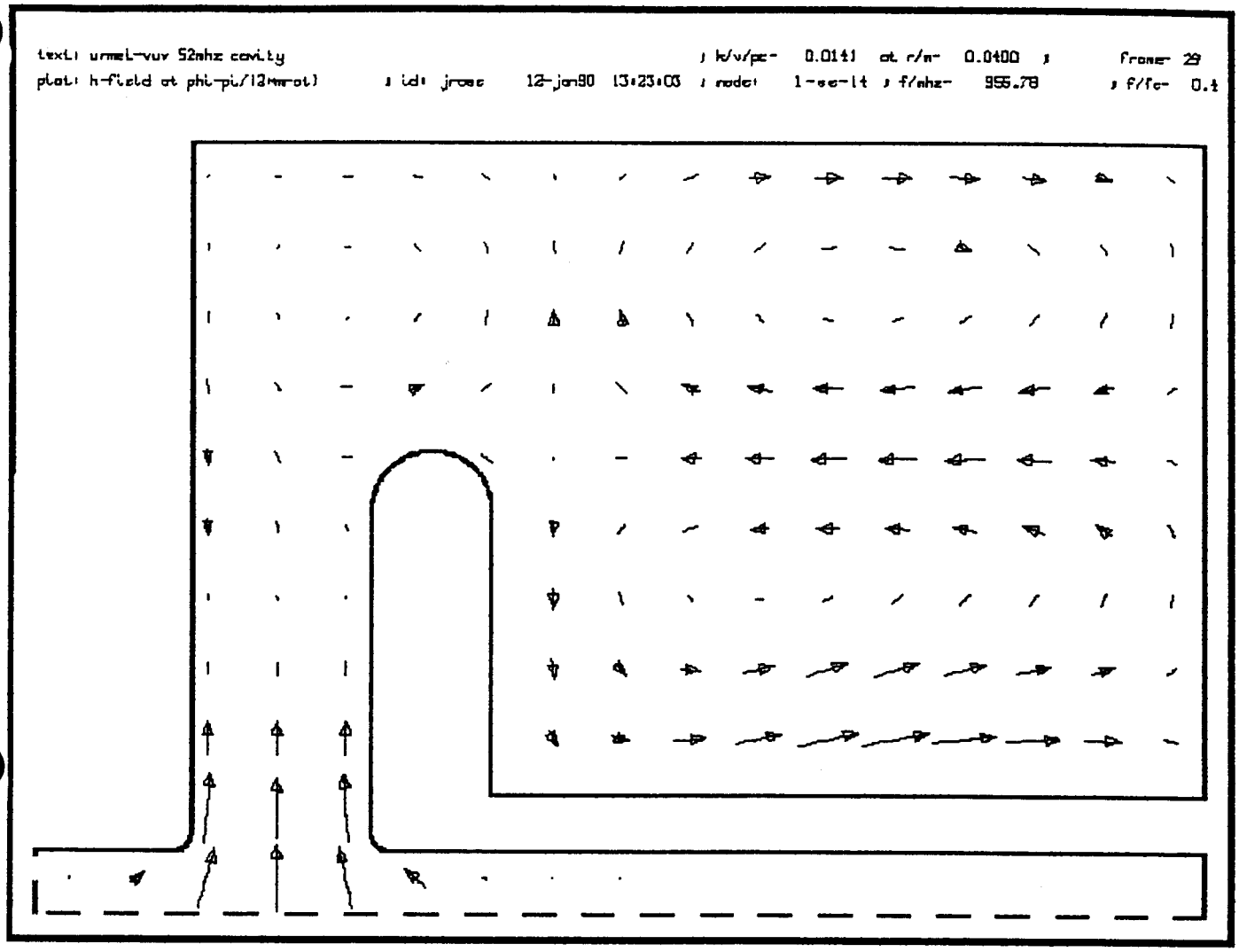
text: urmel-vuv 52mhz cavity ; k/v/pc- 0.0141 at r/m- 0.0400 ; frame- 28

plot: e-field at phi-0 ; id: jrose 12-jan90 13:23:03 ; mode: 1-ee-1t ; f/mhz- 955.79 ; f/fc- 0.1

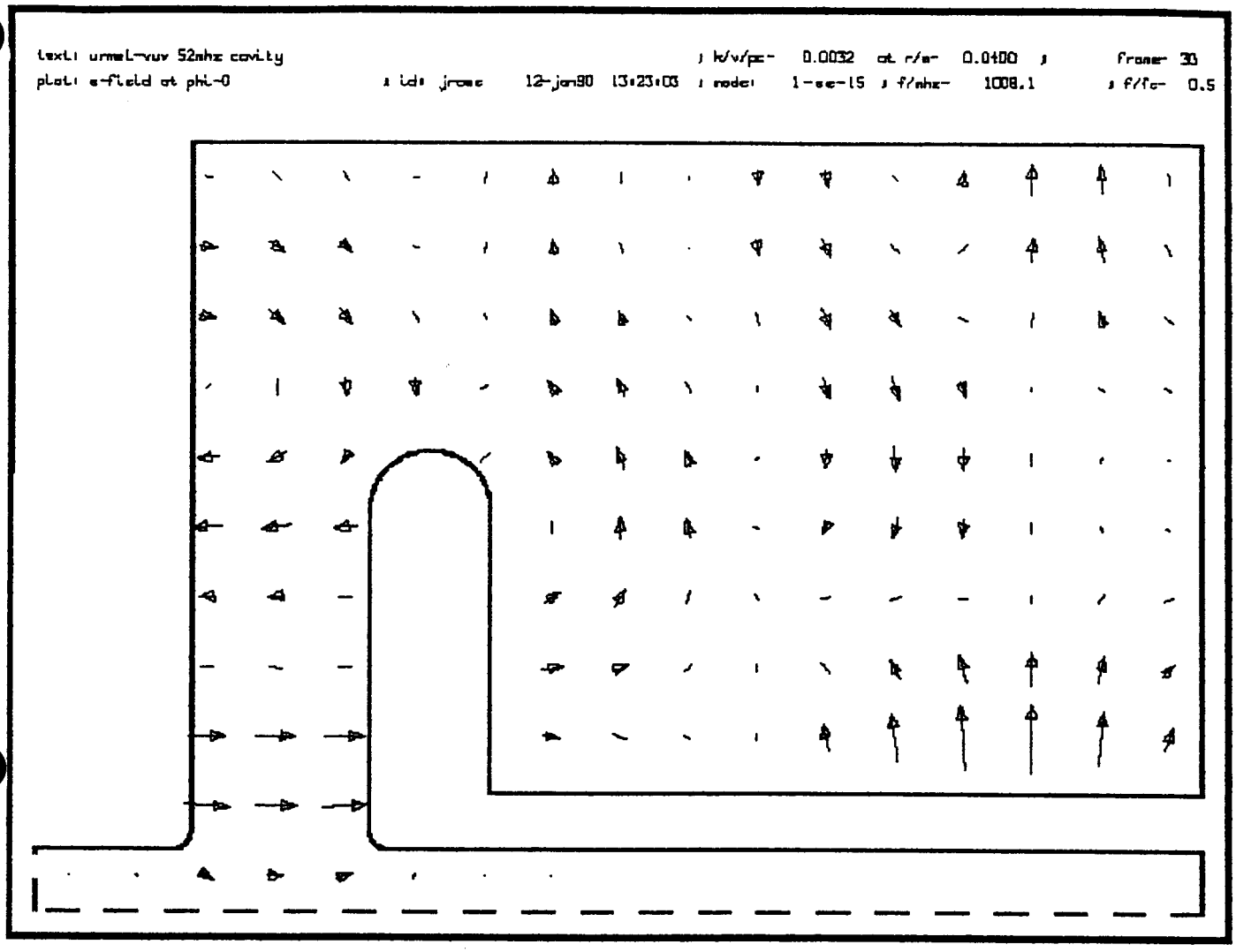


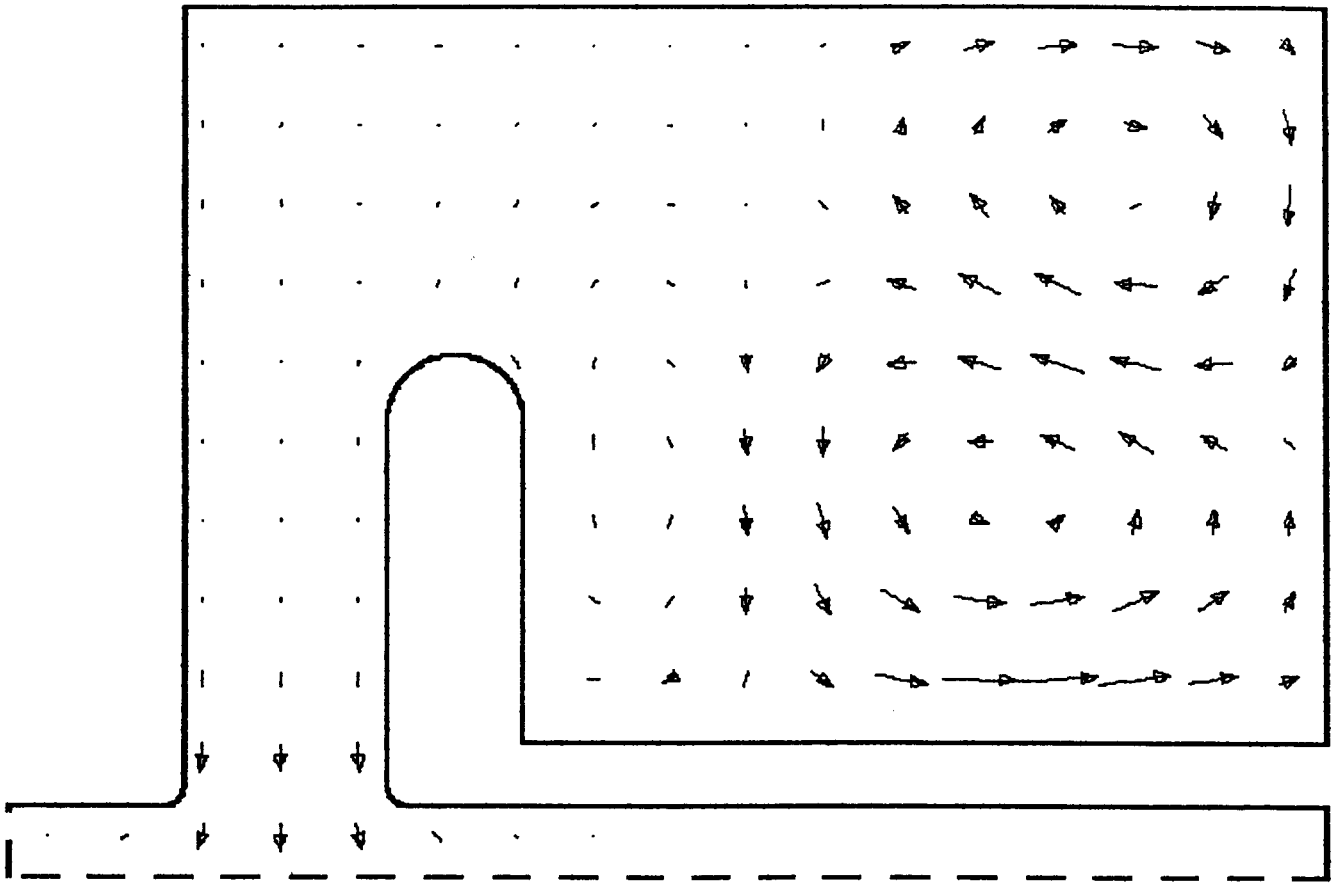
text: urmel-vuv 52mhz cavity ; k/v/pc- 0.0141 at r/m- 0.0400 ; frame- 29

plot: h-field at phi-pi/12mm-at ; id: jrose 12-jan90 13:23:03 ; mode: 1-se-lt ; f/mhz- 955.78 ; f/fc- 0.1



text: urmel-vuv 52mhz cavity ; k/v/pc- 0.0032 at r/m- 0.0400 ; frame- 30
plot: e-field at phi-0 ; id: jrose 12-jan90 13:23:03 ; mode: 1-se-15 ; f/mhz- 1008.1 ; f/fc- 0.5



text: urmel-vuv 52mhz cavity ; k/v/pc- 0.0032 at r/m- 0.0400 ; frame- 31

plot: h-field at phi-pi/12(mm-at) ; id: jrose 12-jan90 13:23:03 ; mode: 1-se-15 ; f/mhz- 1008.1 ; f/fo- 0.5