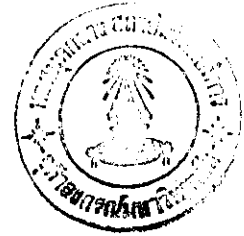


รายการอ้างอิง



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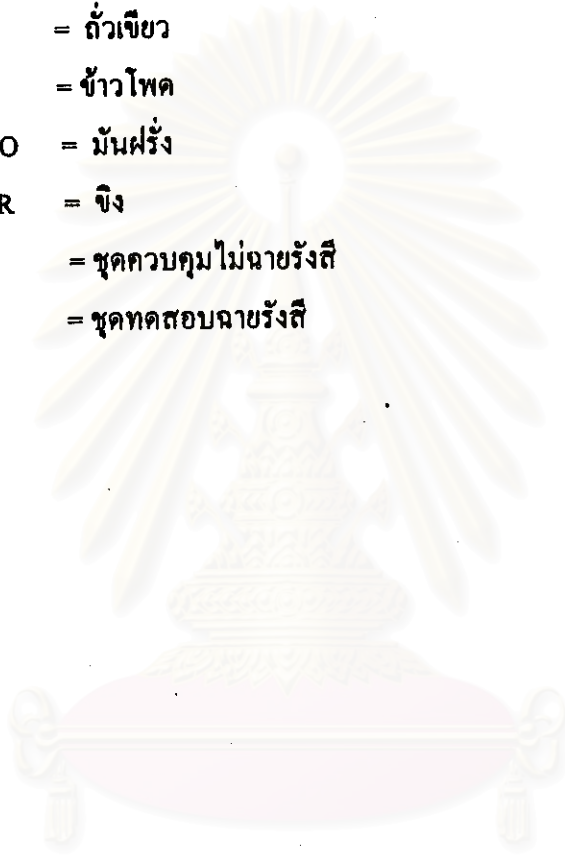
สถาบันวิทยบริการ
จุฬาลงกรณ์มหาวิทยาลัย

ภาคผนวก

ลักษณะสเปกตรัมที่เกิดขึ้นในธัญพืชชนิดต่าง ๆ

ความหมาย

RICE	= ข้าว
BEAN	= ถั่วเขียว
CORN	= ข้าวโพด
POTATO	= มันฝรั่ง
GINGER	= ขิง
C	= ชุดควบคุมไม่ฉายรังสี
I	= ชุดทดสอบฉายรังสี



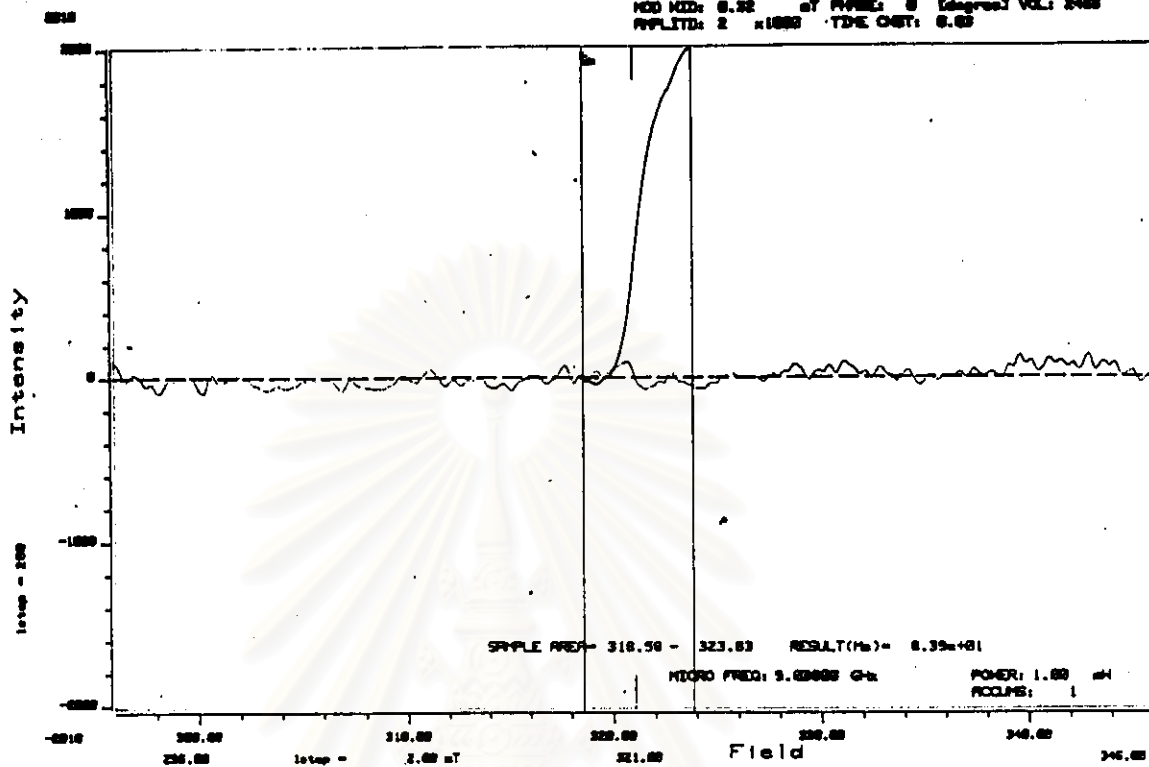
สถาบันวิทยบริการ
จุฬาลงกรณ์มหาวิทยาลัย

C-riccC

ESPRIT-425 V01.004 FILE:C-riccC

96/7/13 22:28:13 BY: T. Manop

C.FIELD: 321.000 mT SLOW SLEEP time 0h 0m 30s
 SWP MID: 2.5 x10 mT MOD FREQ: 100 MHz MODE: 1st
 MOD MID: 0.32 mT P-PRG: 0 (degrees) VOL: 2400
 APPLTD: 2 x1000 TDE OBT: 0.00

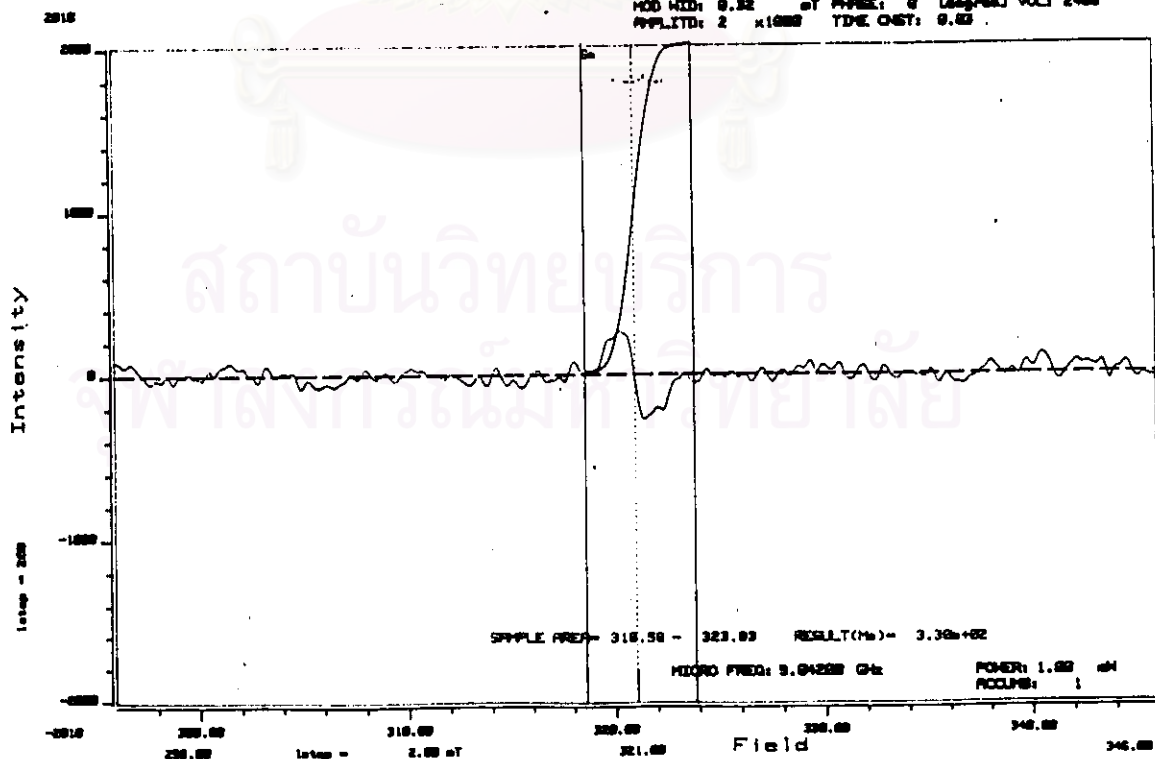


I-riccC

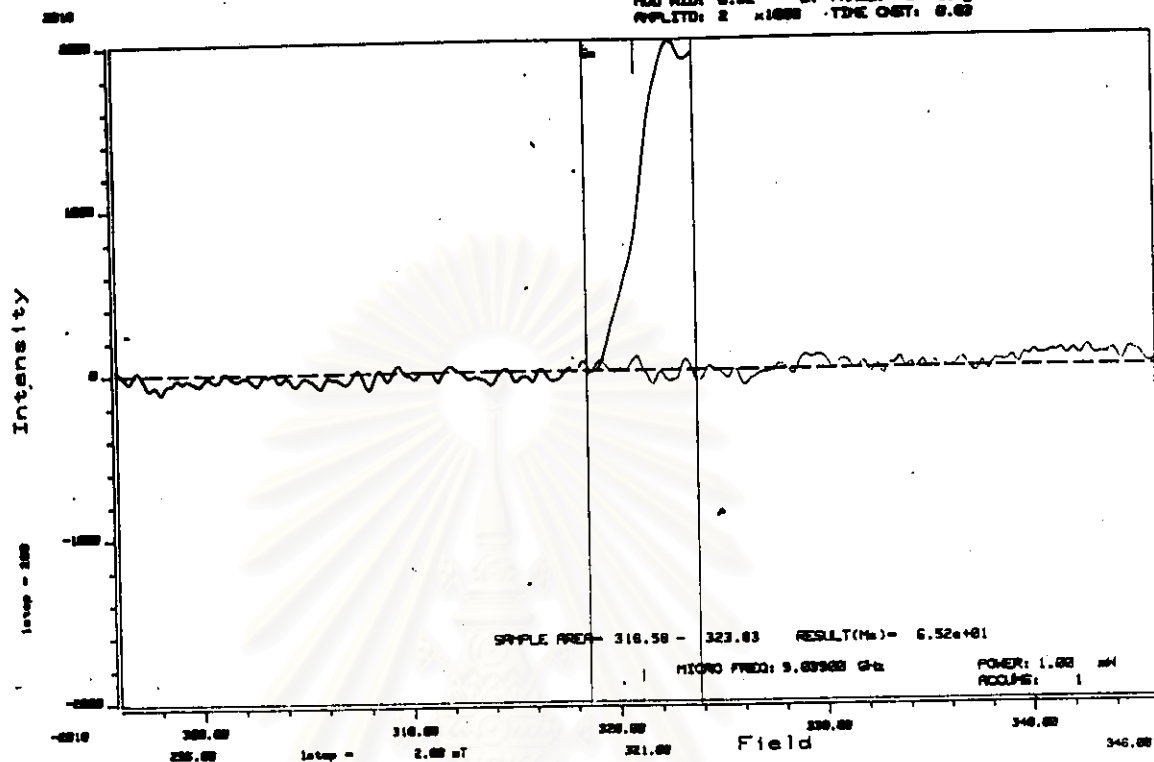
ESPRIT-425 V01.004 FILE:I-riccC

96/7/13 22:28:33 BY: T. Manop

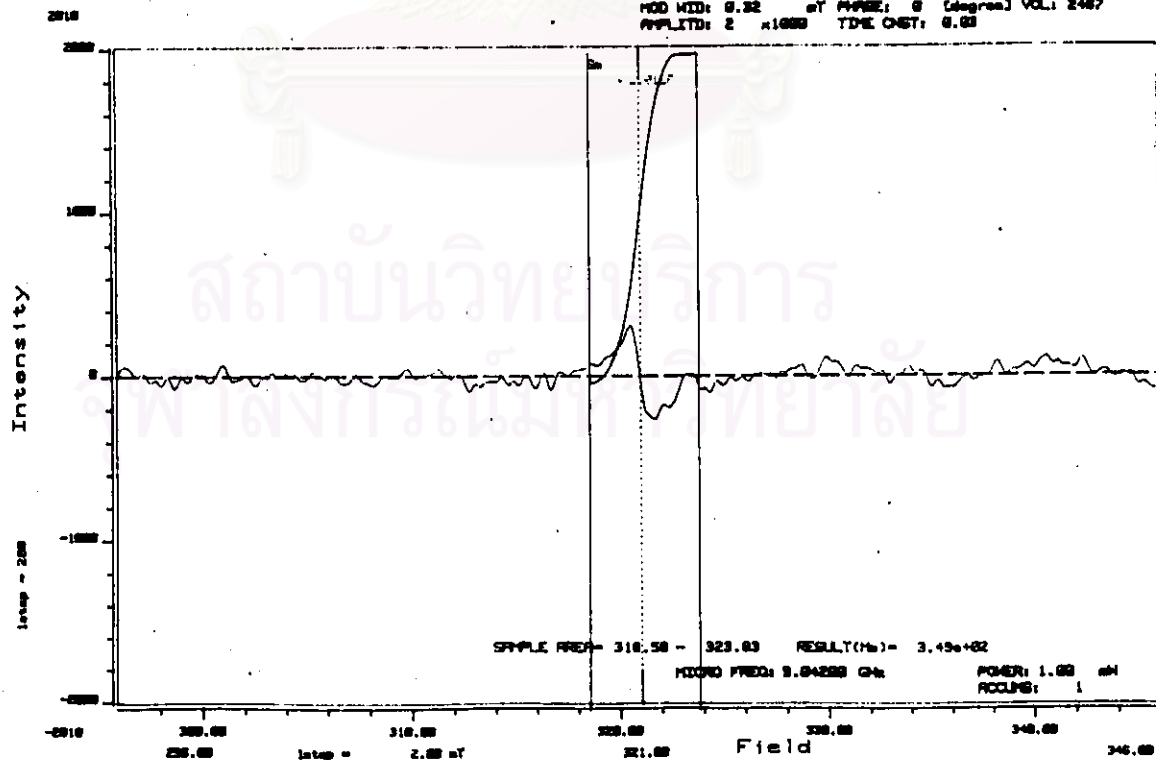
C.FIELD: 321.000 mT SLOW SLEEP time 0h 0m 30s
 SWP MID: 2.5 x10 mT MOD FREQ: 100 MHz MODE: 1st
 MOD MID: 0.32 mT P-PRG: 0 (degrees) VOL: 2400
 APPLTD: 2 x1000 TDE OBT: 0.00



C-ricaC3

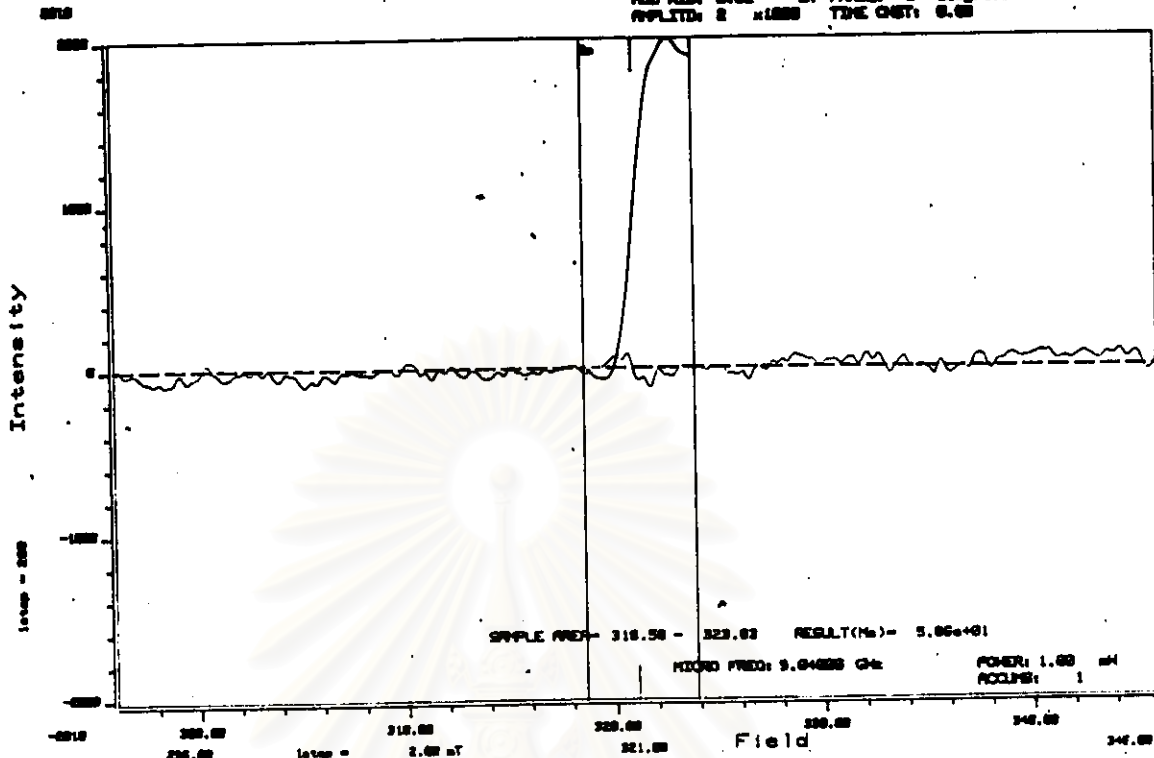
ESPRIT-425 V01.004 FILE: C-ricaC3
06/27/14 2:20:48 BY: T. KumpulC.FIELD: 321.000 mT SLOW SWEEP time 0h 0m 30s
SWP MID: 2.5 x10 mT MOD FREQ: 100 MHz MODE: 1st
MOD MID: 0.32 mT PPRF: 0 [degrees] VOL: 2467
AMPLTD: 2 x1000 TDR ONT: 0.00

I-ricaC3

ESPRIT-425 V01.004 FILE: I-ricaC3
06/27/14 2:23:05 BY: T. KumpulC.FIELD: 321.000 mT SLOW SWEEP time 0h 0m 30s
SWP MID: 2.5 x10 mT MOD FREQ: 100 MHz MODE: 1st
MOD MID: 0.32 mT PPRF: 0 [degrees] VOL: 2467
AMPLTD: 2 x1000 TDR ONT: 0.00

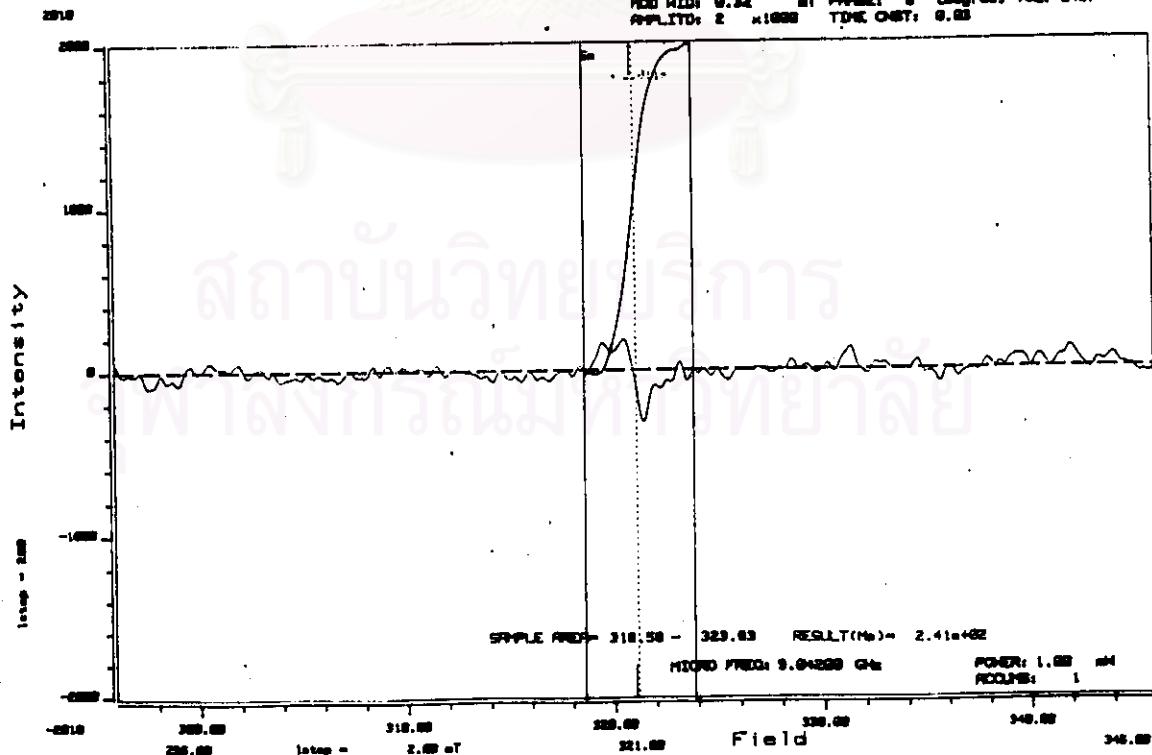
C-riceC7

ESPRIT-425 V01.004 FILE: C-riceC7
 96/7/14 6:48:47 BY: T. Manop
 C.FIELD: 321.000 mT SLOM SWEPT time 0h 0m 30s
 SWP WID: 2.0 mT AT MOD FREQ: 100 MHz MODE: 1st
 MOD WID: 0.22 mT PHASE: 0 (degree) VOL: 2467
 AMPLTD: 2 u1000 TIME CNT: 0.03



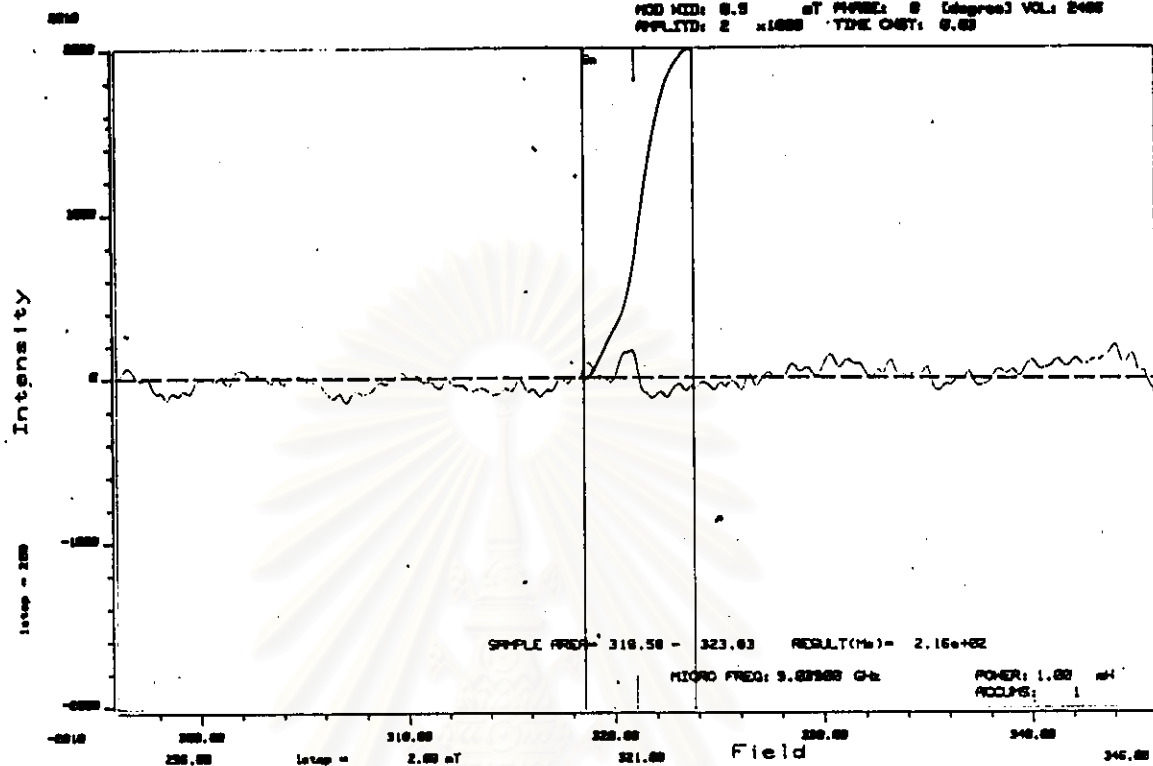
I-riceC7

ESPRIT-425 V01.004 FILE: I-riceC7
 96/7/14 6:54:14 BY: T. Manop
 C.FIELD: 321.000 mT SLOM SWEPT time 0h 0m 30s
 SWP WID: 2.0 mT AT MOD FREQ: 100 MHz MODE: 1st
 MOD WID: 0.22 mT PHASE: 0 (degree) VOL: 2467
 AMPLTD: 2 u1000 TIME CNT: 0.03



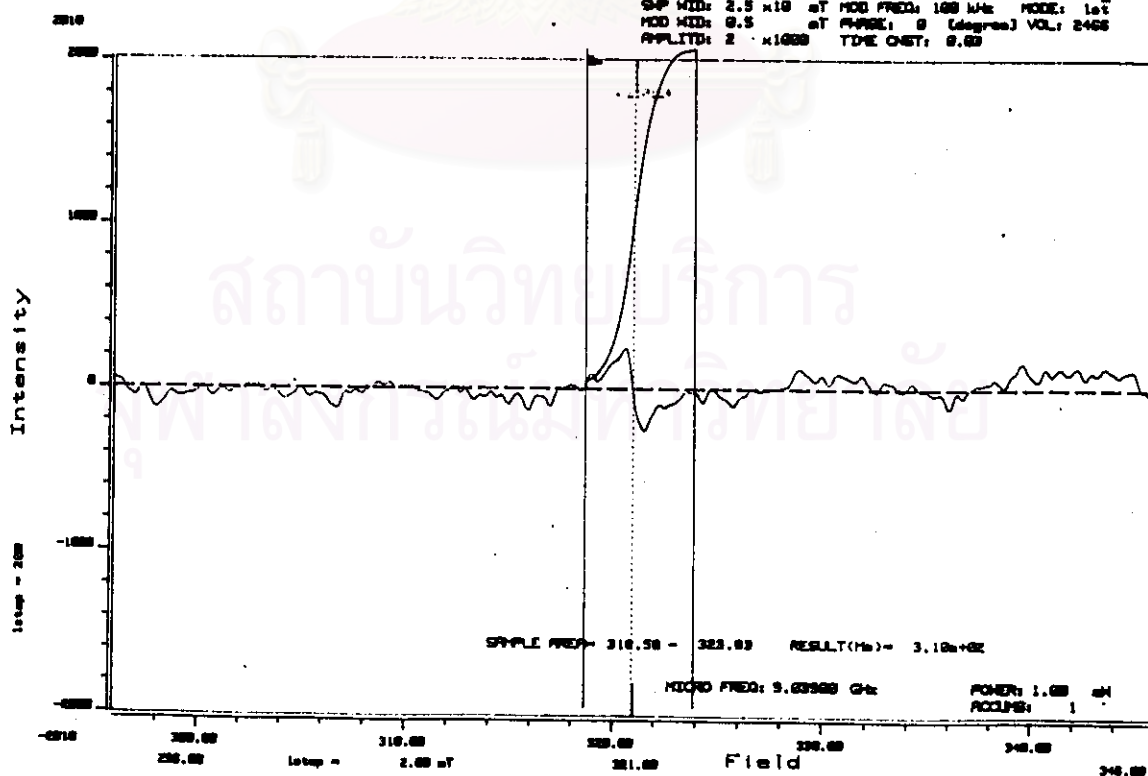
C-riceC10

ESPRIT-425 V01.004 FILE:C-riceC10
 06/ 7/14 9: 2:30 BY: T. Kaspol
 C.FIELD: 321.000 mT SLOW SWEEP time 0h 0m 30s
 SWP MID: 2.5 x10 mT MOD FREQ: 100 kHz MODE: 1st
 MOD MID: 0.5 mT PHASE: 0 (degree) VOL: 2400
 APPLTD: 2 x1000 TDR ONST: 0.00



I-riceC10

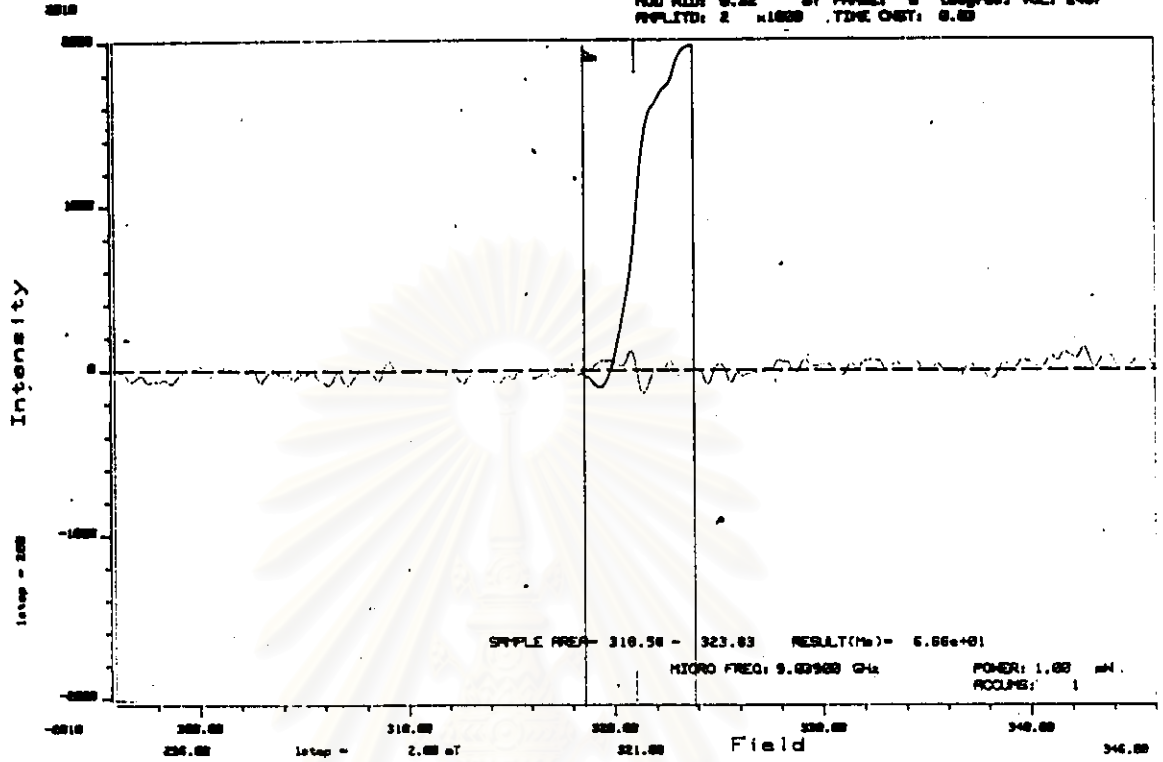
ESPRIT-425 V01.004 FILE:I-riceC10
 06/ 7/14 9: 4:47 BY: T. Kaspol
 C.FIELD: 321.000 mT SLOW SWEEP time 0h 0m 30s
 SWP MID: 2.5 x10 mT MOD FREQ: 100 kHz MODE: 1st
 MOD MID: 0.5 mT PHASE: 0 (degree) VOL: 2400
 APPLTD: 2 x1000 TDR ONST: 0.00



C-riceC15

ESPRIT-425 V01.604 FILE:C-riceC15

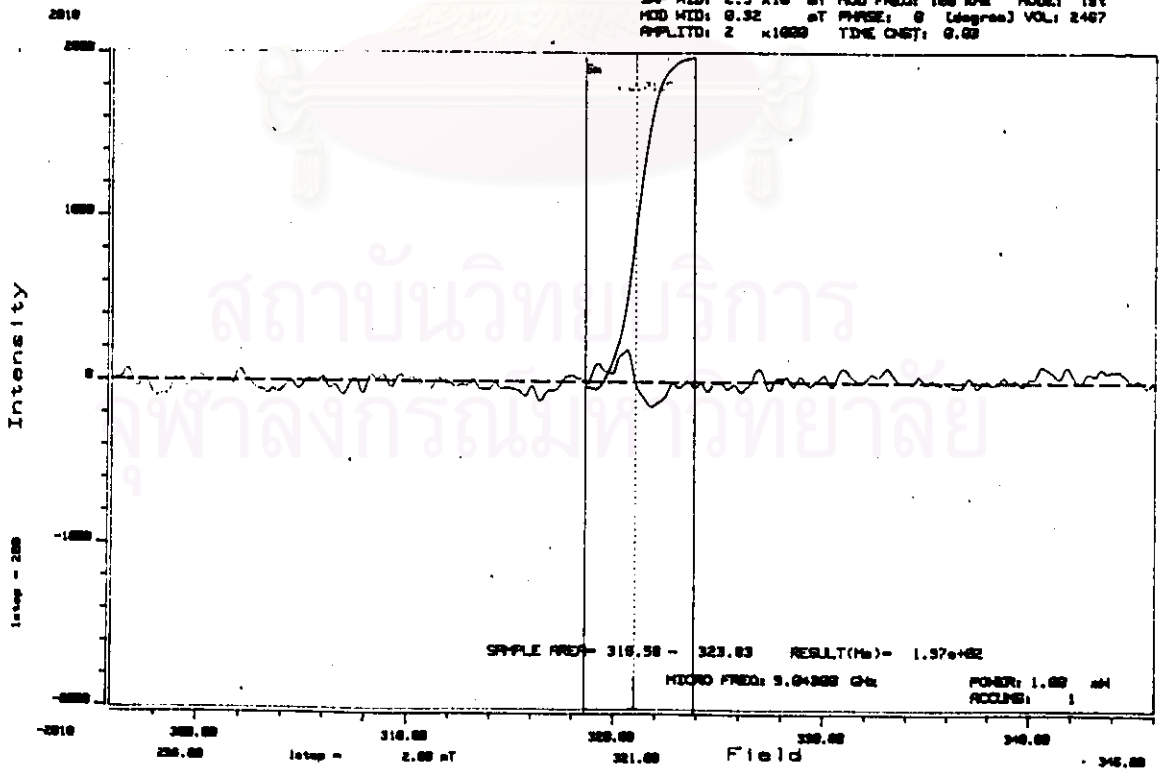
96/7/14 13:24:23 BY: T. Kumpol
C.FIELD: 321.000 mT SLOW SWEEP time 0h 0m 30s
SAP MID: 2.5 x10 mT MOD FREQ: 100 kHz MODE: 1st
MOD MID: 0.32 mT PHASE: 0 (degree) VOL: 2467
AMPLTD: 2 x1000 TDR ONST: 0.00



I-riceC15

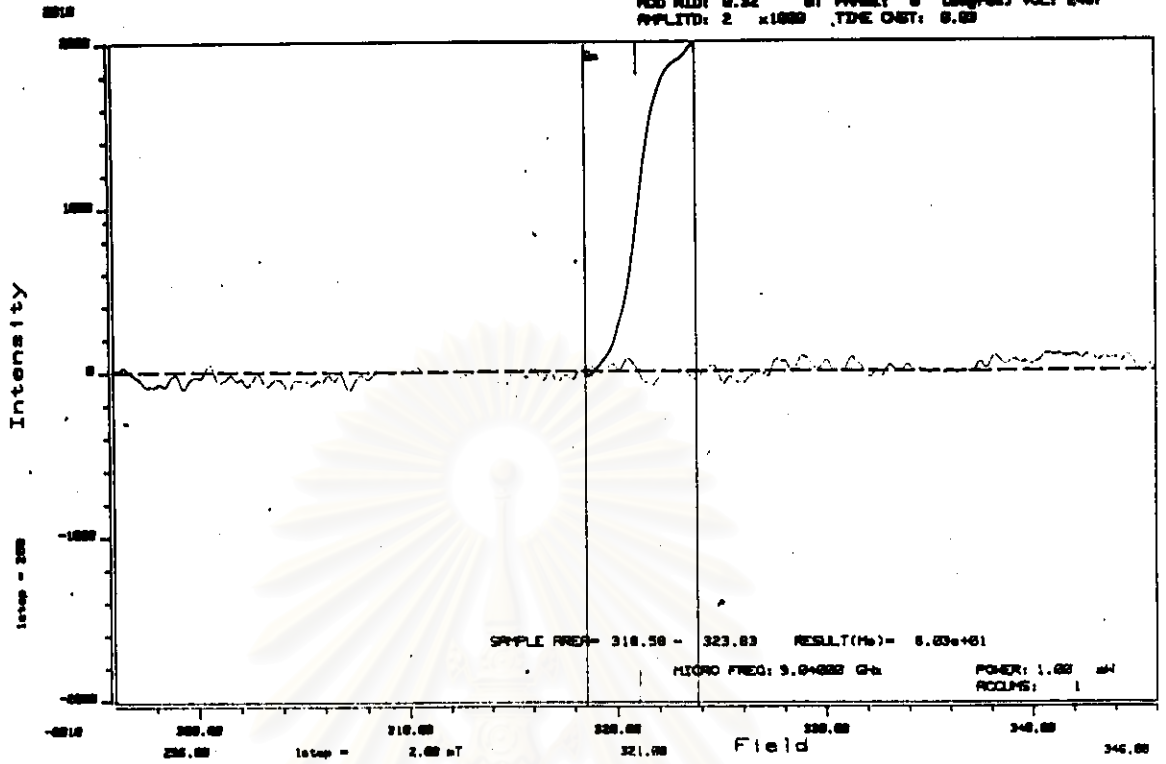
ESPRIT-425 V01.604 FILE:I-riceC15

96/7/14 13:28:10 BY: T. Kumpol
C.FIELD: 321.000 mT SLOW SWEEP time 0h 0m 30s
SAP MID: 2.5 x10 mT MOD FREQ: 100 kHz MODE: 1st
MOD MID: 0.32 mT PHASE: 0 (degree) VOL: 2467
AMPLTD: 2 x1000 TDR ONST: 0.00



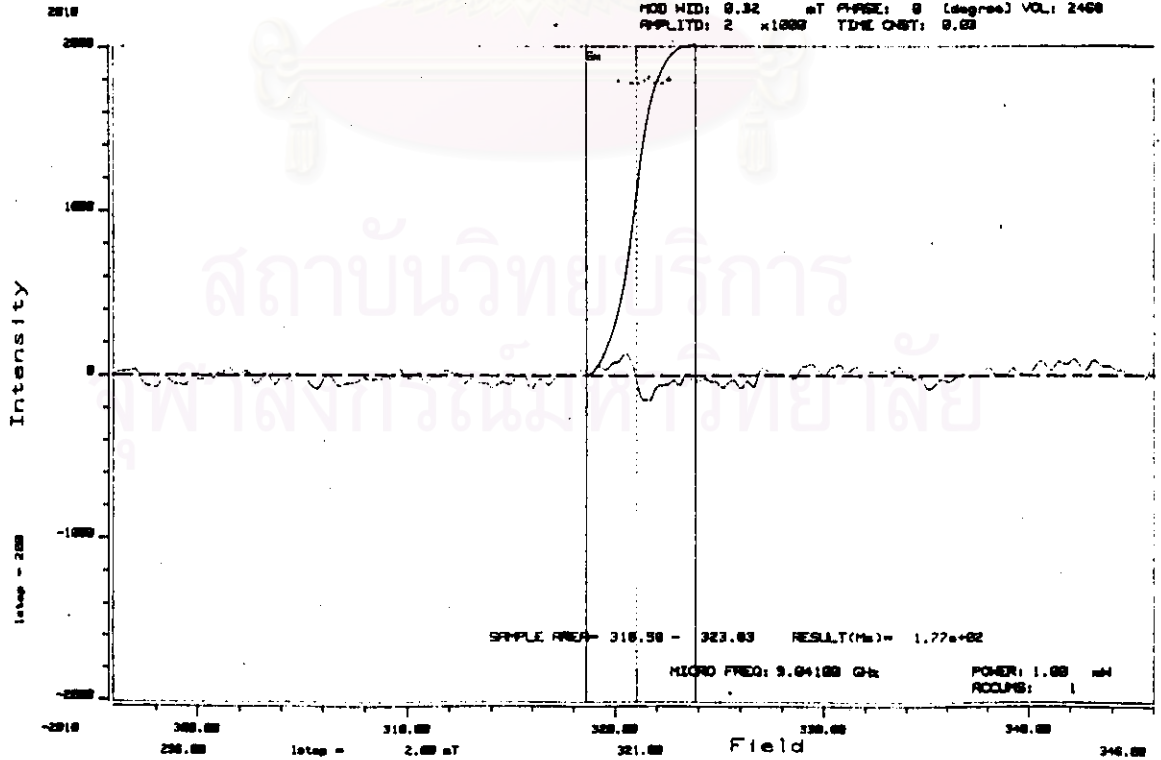
C-riceC29

ESPRIT-425 V01.024 FILE:C-riceC29
56/10/11:1:24 BY: T. Kumpul
C.FIELD: 321.002 mT SLOW SLEEP time 0h 0m 30s
SWP WID: 2.5 x10 mT MOD FREQ: 100 kHz MODE: 1st
MOD WID: 0.32 mT PHASE: 0 (degree) VOL: 0.467
AMPLTD: 2 x1000 TIME OBT: 0.00



I-riceC29

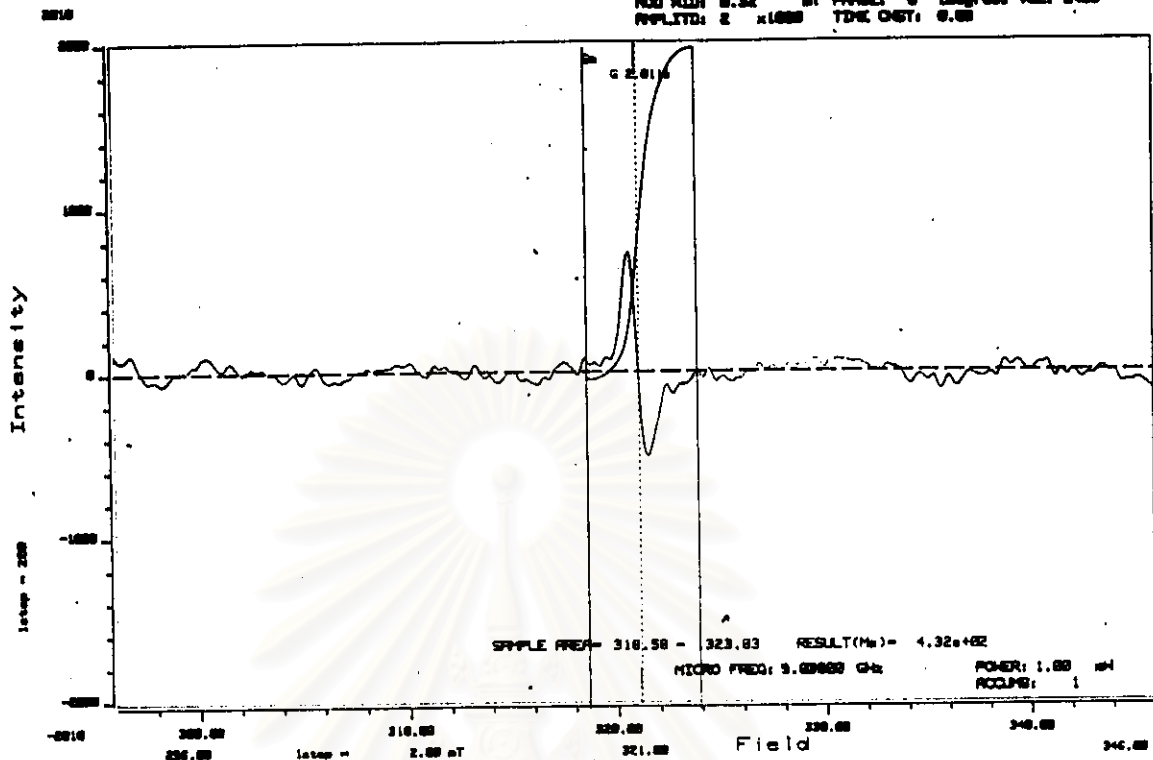
ESPRIT-425 V01.024 FILE:I-riceC29
56/10/11:1:21 BY: T. Kumpul
C.FIELD: 321.002 mT SLOW SLEEP time 0h 0m 30s
SWP WID: 2.5 x10 mT MOD FREQ: 100 kHz MODE: 1st
MOD WID: 0.32 mT PHASE: 0 (degree) VOL: 2.400
AMPLTD: 2 x1000 TIME OBT: 0.00





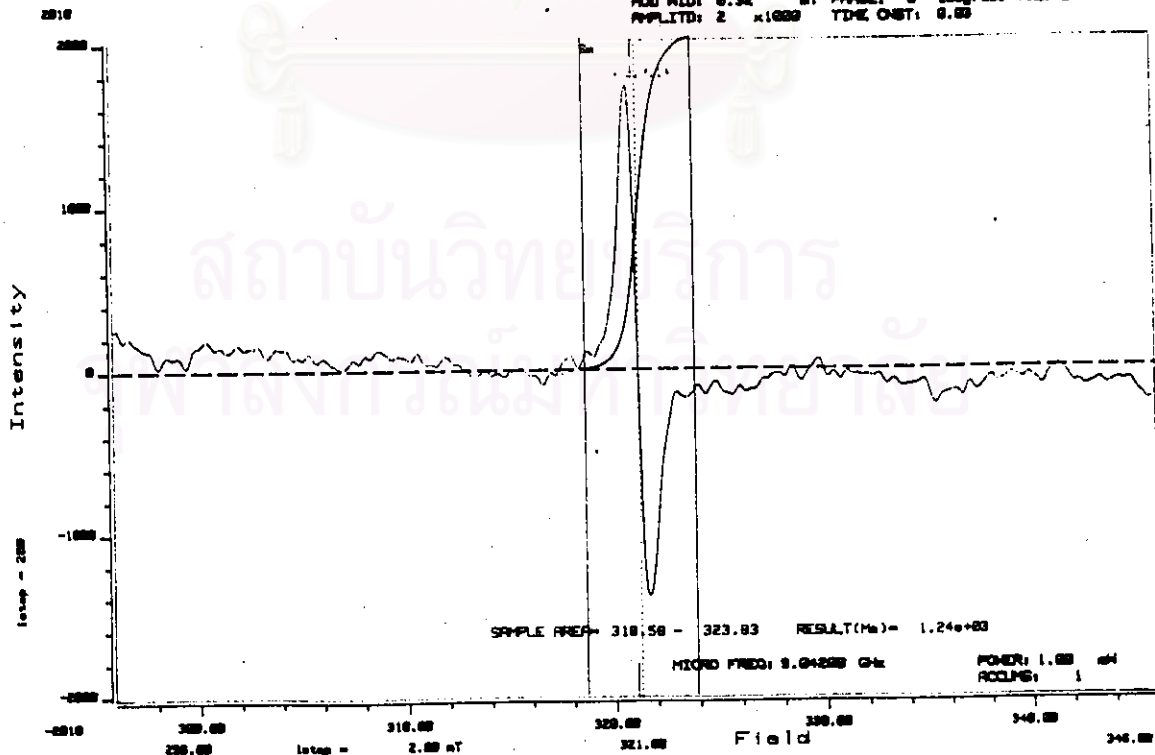
B-beanB

ESPRIT-425 V01.004 FILE:C-beanB
 96/7/13 11:31:34 BY: T. Manop
 C.FIELD: 321.000 mT SLOW SWEEP time 0h 0m 30s
 SWP WID: 2.5 x10 mT MOD FREQ: 100 kHz MODE: 1st
 MOD WID: 0.32 mT PHASE: 0 [degree] VOL: 2400
 AMPLTD: 2 x1000 TIME ONT: 0.00



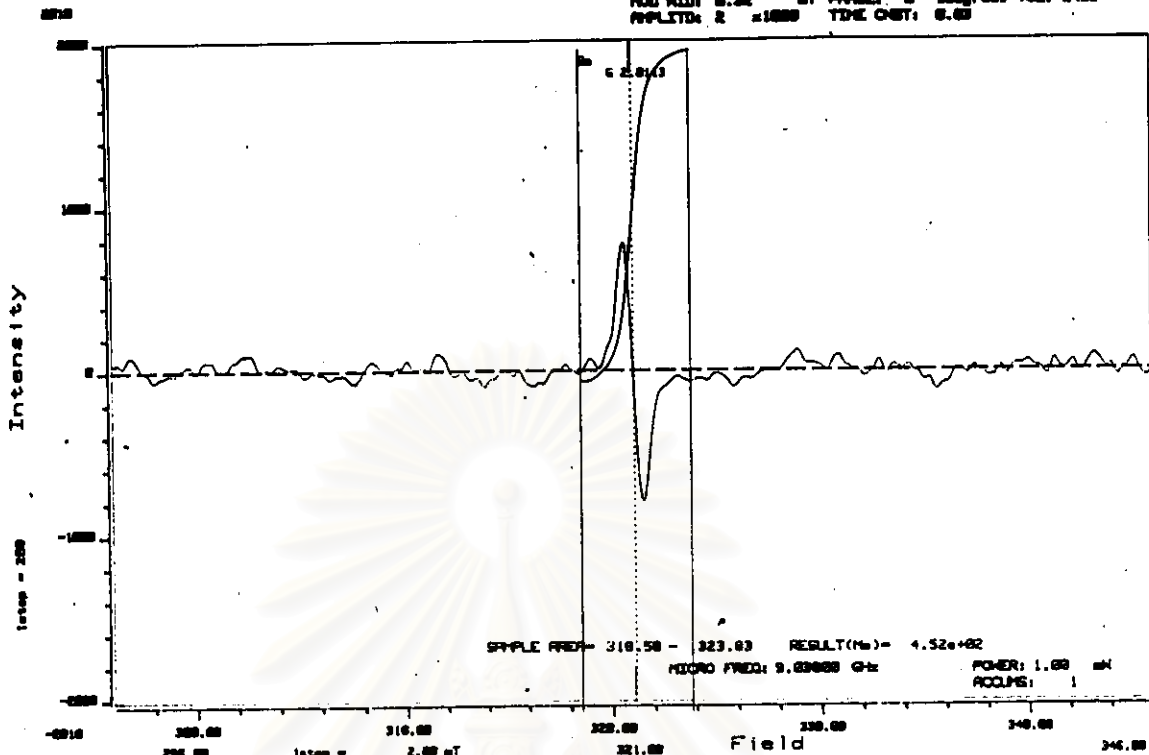
I-beanB

ESPRIT-425 V01.004 FILE:I-beanB
 96/7/13 11:01:2 BY: T. Manop
 C.FIELD: 321.000 mT SLOW SWEEP time 0h 0m 30s
 SWP WID: 2.5 x10 mT MOD FREQ: 100 kHz MODE: 1st
 MOD WID: 0.32 mT PHASE: 0 [degree] VOL: 2400
 AMPLTD: 2 x1000 TIME ONT: 0.00



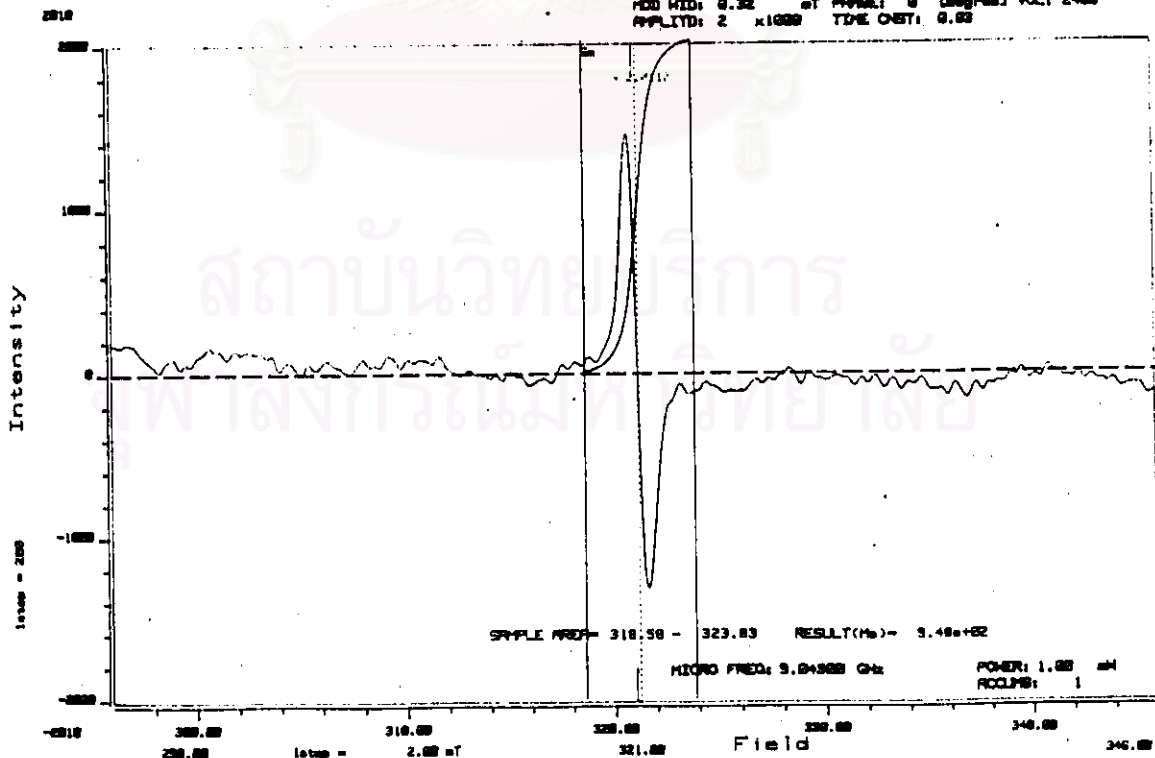
C-beanB3

ESPRIT-425 V01.004 FILE: C-beanB3
 06/ 7/13 15: 21 2 BY: T. Manop
 C.FIELD: 321.000 mT SLOW SWEEP time 0h 0m 20s
 SWP MID: 2.5 x10 mT MOD FREQ: 100 MHz MODE: 1st
 MOD MID: 0.32 mT PPRSR: 0 (degree) VOL: 2400
 APPLTD: 2 x1000 TIME OUT: 0.00



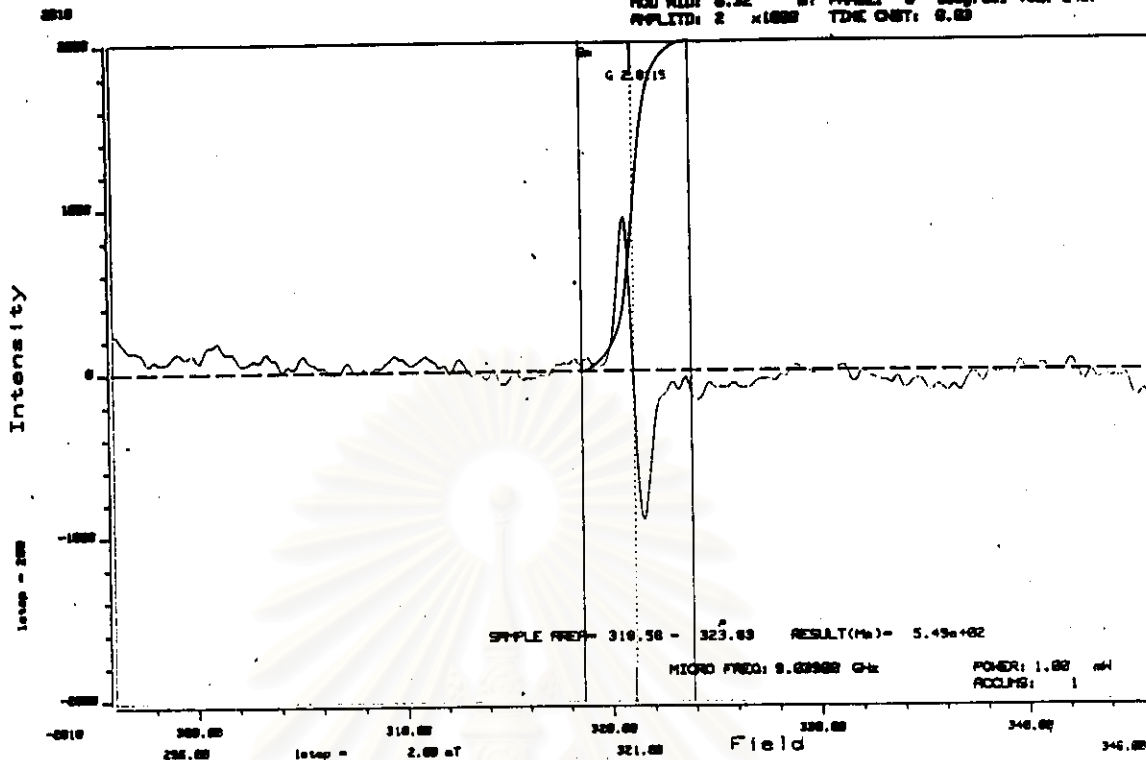
I-beanB3

ESPRIT-425 V01.004 FILE: I-beanB3
 06/ 7/13 15:10:18 BY: T. Manop
 C.FIELD: 321.000 mT SLOW SWEEP time 0h 0m 20s
 SWP MID: 2.5 x10 mT MOD FREQ: 100 MHz MODE: 1st
 MOD MID: 0.32 mT PPRSR: 0 (degree) VOL: 2400
 APPLTD: 2 x1000 TIME OUT: 0.00



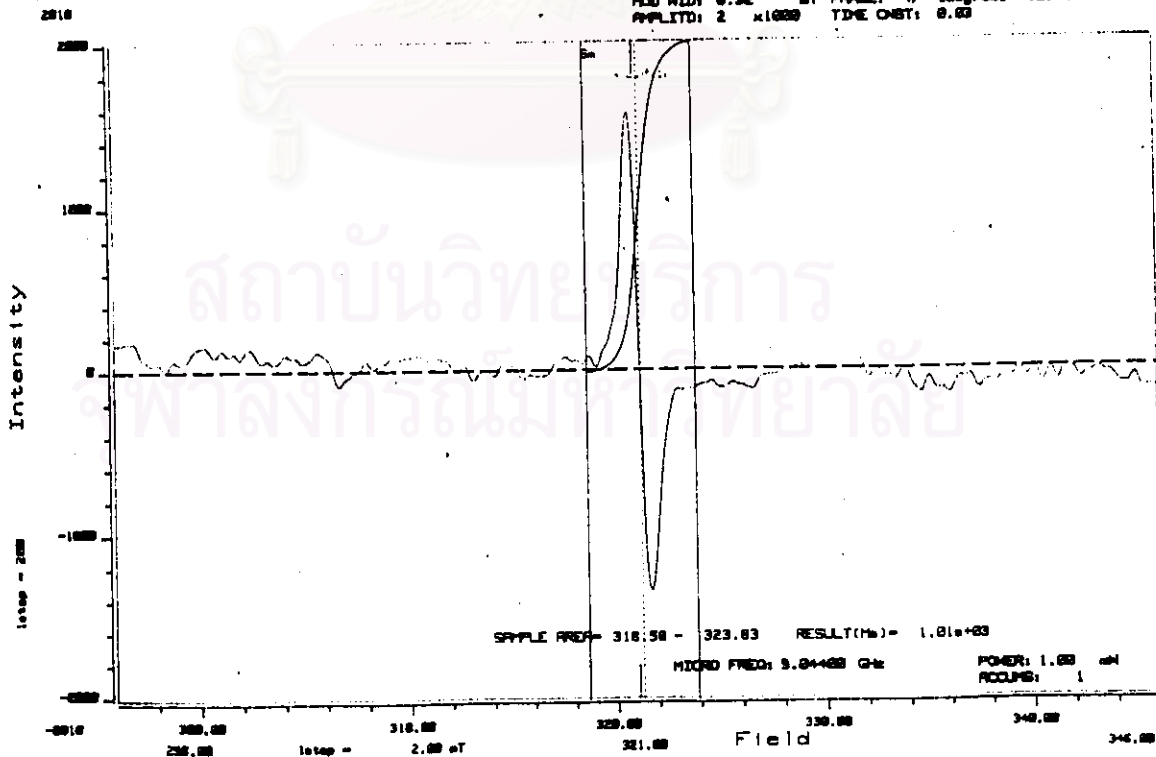
C-beanB7

ESPRIT-425 V01.604 FILE: C-beanB7
 SE/ 7/13 10:58:35 BY: T. Manop
 C.FIELD: 321.000 mT SLOW SWEEP time 0h 0m 30s
 SWP MID: 2.5 x10 mT MOD FREQ: 100 kHz MODE: 1st
 MOD MID: 0.32 mT PHASE: 0 [degree] VOL: 2467
 AMPLTD: 2 x1000 TIME OUT: 0.00



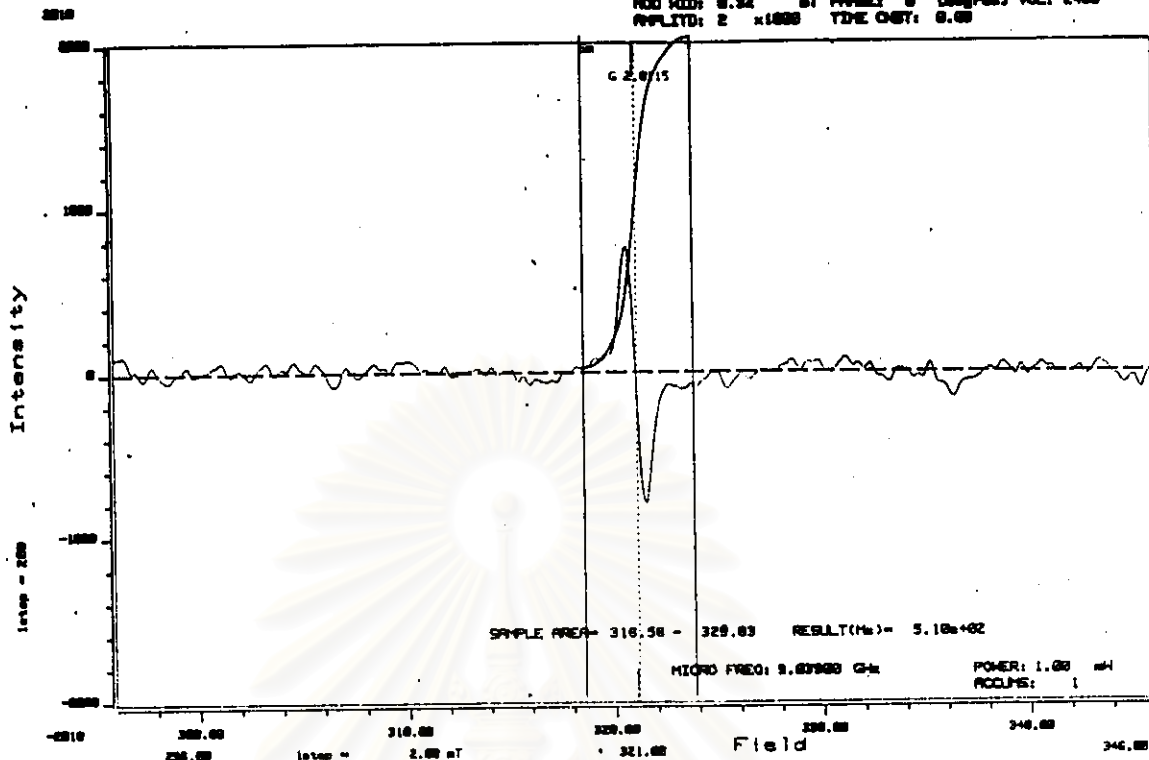
I-beanB7

ESPRIT-425 V01.604 FILE: I-beanB7
 SE/ 7/13 10:59:05 BY: T. Manop
 C.FIELD: 321.000 mT SLOW SWEEP time 0h 0m 30s
 SWP MID: 2.5 x10 mT MOD FREQ: 100 kHz MODE: 1st
 MOD MID: 0.32 mT PHASE: 0 [degree] VOL: 2467
 AMPLTD: 2 x1000 TIME OUT: 0.00



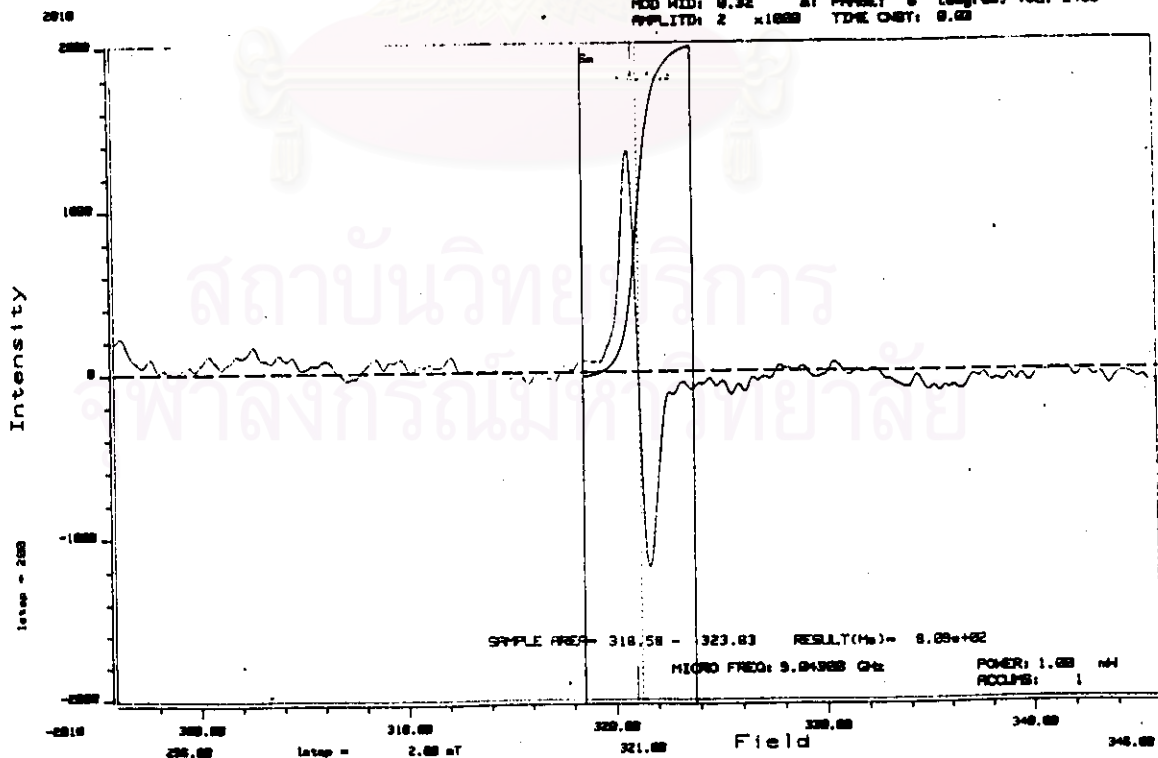
C-beanB10

ESPRIT-425 V01.004 FILE:C-beanB10
 96/ 7/13 20:37:25 BY: T. Kumpul
 C.FIELD: 321.000 mT SLOW SWEEP time 5h 5m 30s
 SWP MID: 2.5 x10 mT MOD FREQ: 100 kHz MODE: 1st
 MOD MID: 0.32 mT PHASE: 0 (degree) VOL: 2+65
 AMPLTD: 2 x1000 TIME OUT: 0.00



I-beanB10

ESPRIT-425 V01.004 FILE:I-beanB10
 96/ 7/13 20:40:12 BY: T. Kumpul
 C.FIELD: 321.000 mT SLOW SWEEP time 5h 5m 30s
 SWP MID: 2.5 x10 mT MOD FREQ: 100 kHz MODE: 1st
 MOD MID: 0.32 mT PHASE: 0 (degree) VOL: 2+65
 AMPLTD: 2 x1000 TIME OUT: 0.00

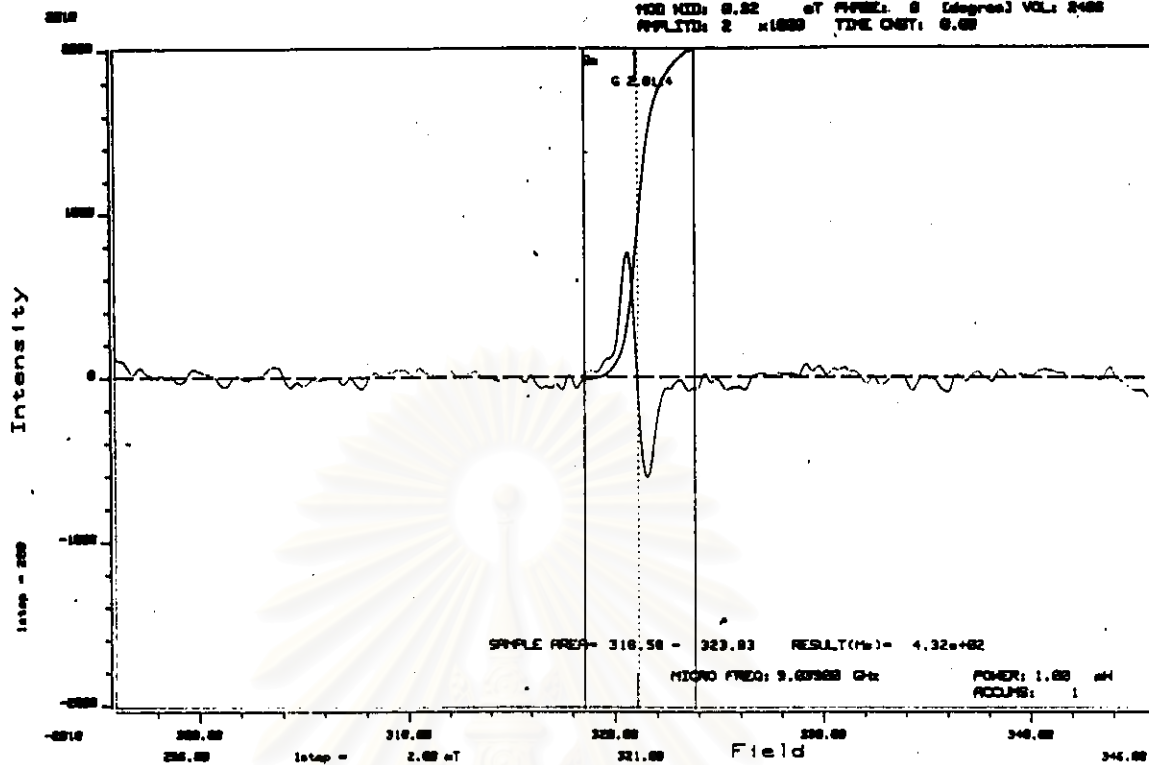


C-beanB15

ESPRIT-425 V01.004 FILE: C-beanB15

06/ 7/13 22:23:49 BY: T. Manop

C.FIELD: 321.000 mT SLOW SWEEP time 0h 0m 30s
 SWP MOD: 2.5 x10 mT MOD FREQ: 100 kHz MODE: 1st
 MOD MID: 0.32 mT PHASE: 0 (degree) VOL: 2400
 AMPLTD: 2 x1000 TDR ONST: 0.00

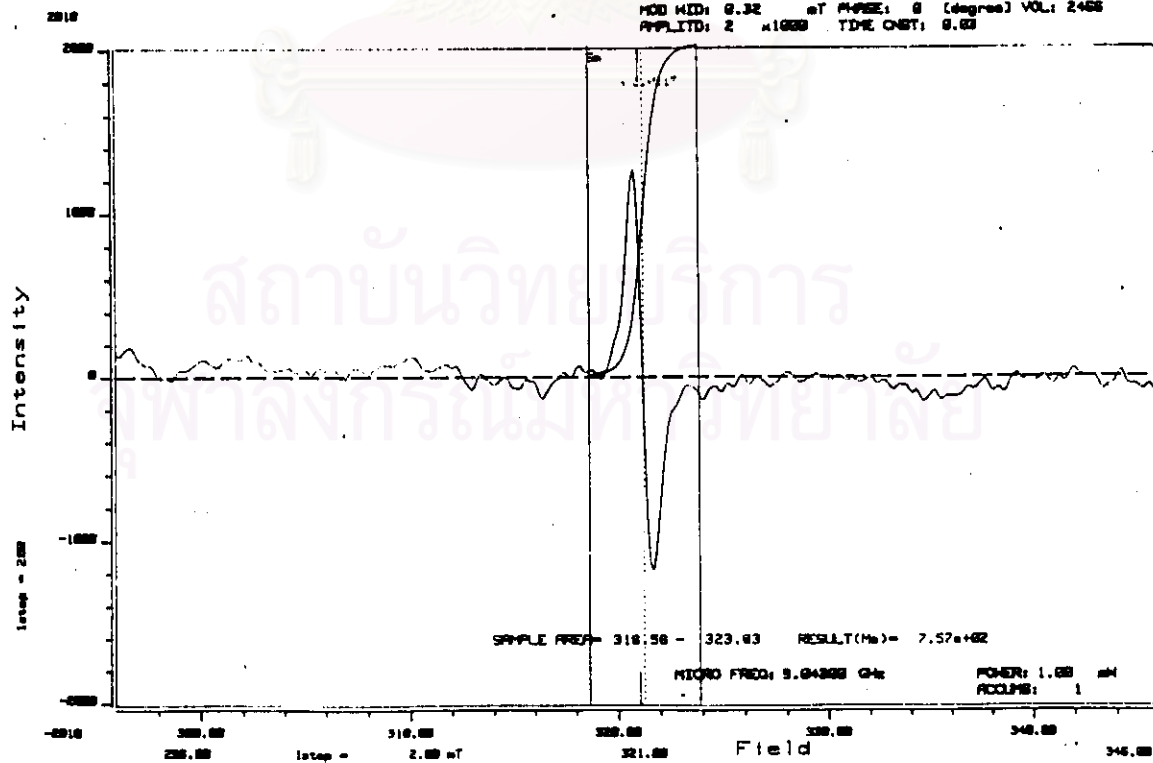


I-beanB15

ESPRIT-425 V01.004 FILE: I-beanB15

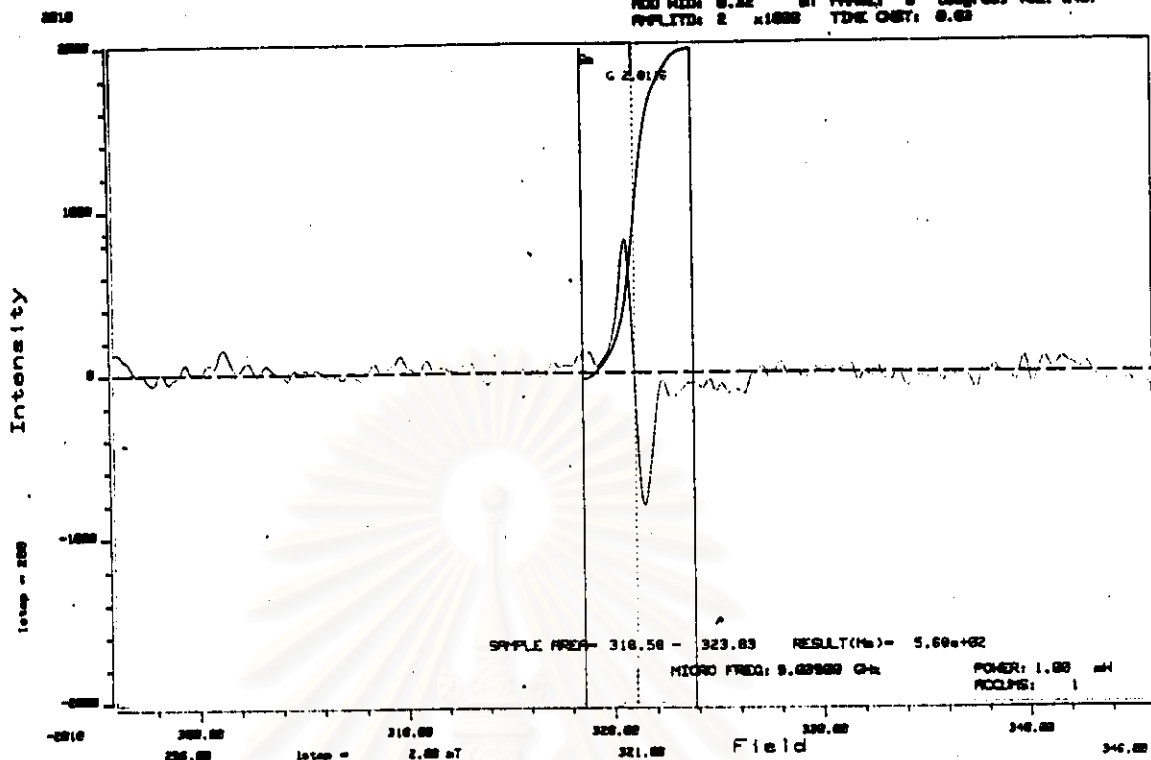
06/ 7/13 22:35:40 BY: T. Manop

C.FIELD: 321.000 mT SLOW SWEEP time 0h 0m 30s
 SWP MOD: 2.5 x10 mT MOD FREQ: 100 kHz MODE: 1st
 MOD MID: 0.32 mT PHASE: 0 (degree) VOL: 2400
 AMPLTD: 2 x1000 TDR ONST: 0.00



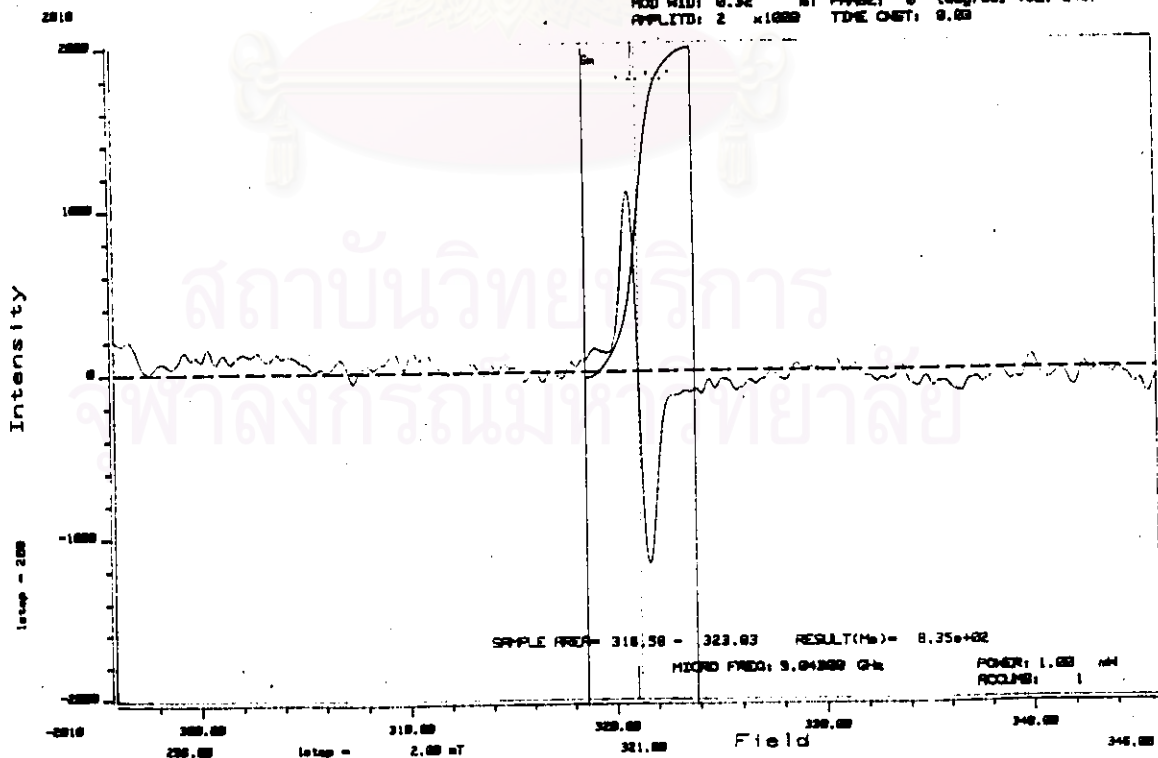
C-beamB29

ESPRIT-425 V01.004 FILE: C-beamB29
 92/ 7/14 13:40:46 BY: T. Kumpul
 C.FIELD: 321.000 mT SLOW SLEEP time 0h 0m 30s
 SWP MID: 2.5 x10 mT MOD FREQ: 100 kHz MODE: 1st
 MOD MID: 0.32 mT PPRSE: 0 (degree) VOL: 2467
 PPLTID: 2 x1000 TDR CMT: 0.00



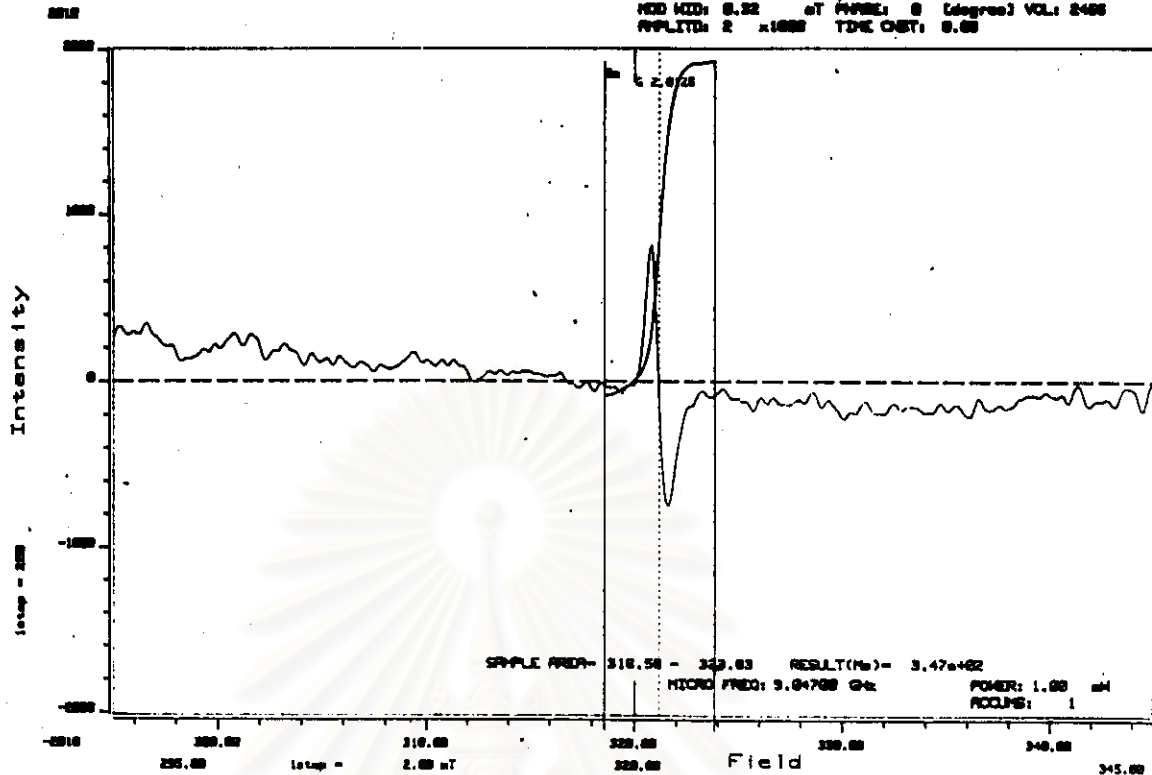
I-beamB29

ESPRIT-425 V01.004 FILE: I-beamB29
 92/ 7/14 13:44:46 BY: T. Kumpul
 C.FIELD: 321.000 mT SLOW SLEEP time 0h 0m 30s
 SWP MID: 2.5 x10 mT MOD FREQ: 100 kHz MODE: 1st
 MOD MID: 0.32 mT PPRSE: 0 (degree) VOL: 2467
 PPLTID: 2 x1000 TDR CMT: 0.00



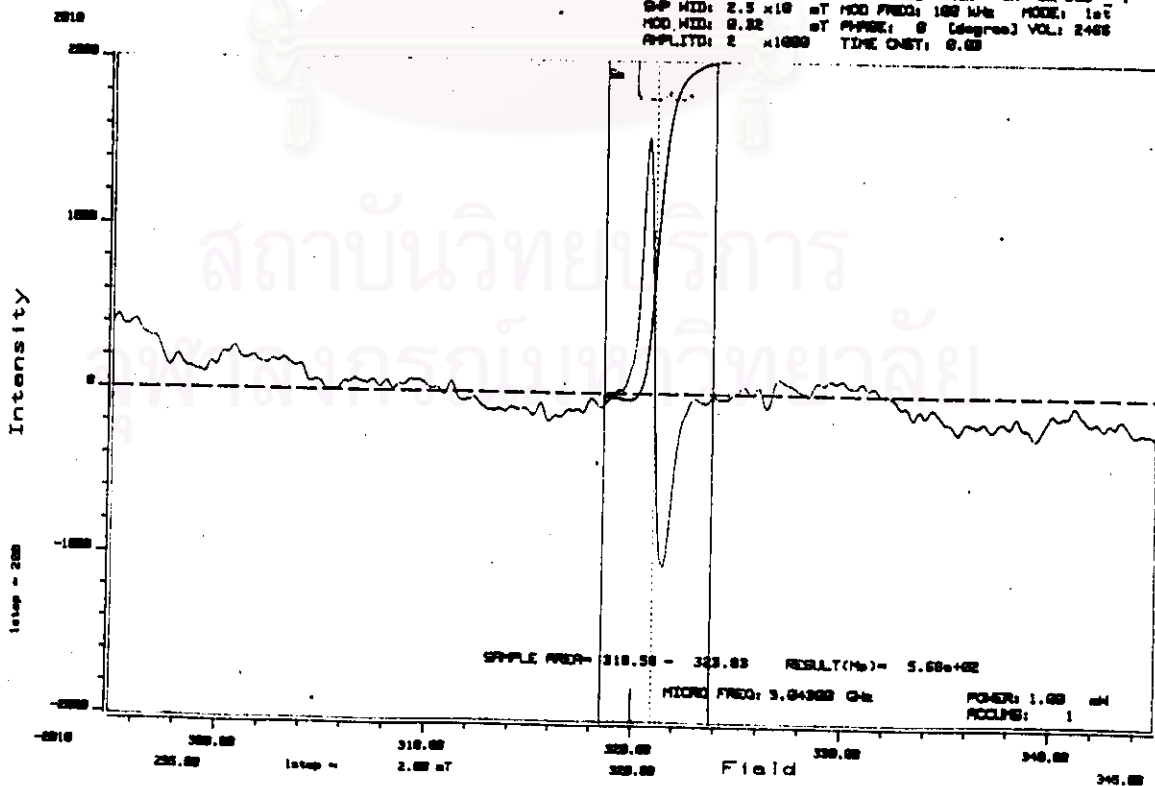
C-cornC

ESPRIT-425 v01.004 FILE:C-cornC
 96/7/13 23:0:45 BY: T. Manop
 C.FIELD: 320.000 mT SLOW SWEEP time 0h 0m 30s
 SWP MID: 2.5 x10 mT MOD FREQ: 100 kHz MODE: 1st
 MOD MID: 0.22 mT PHASE: 0 (degree) VOL: 2400
 AMPLTD: 2 x1000 TIME ONST: 0.00



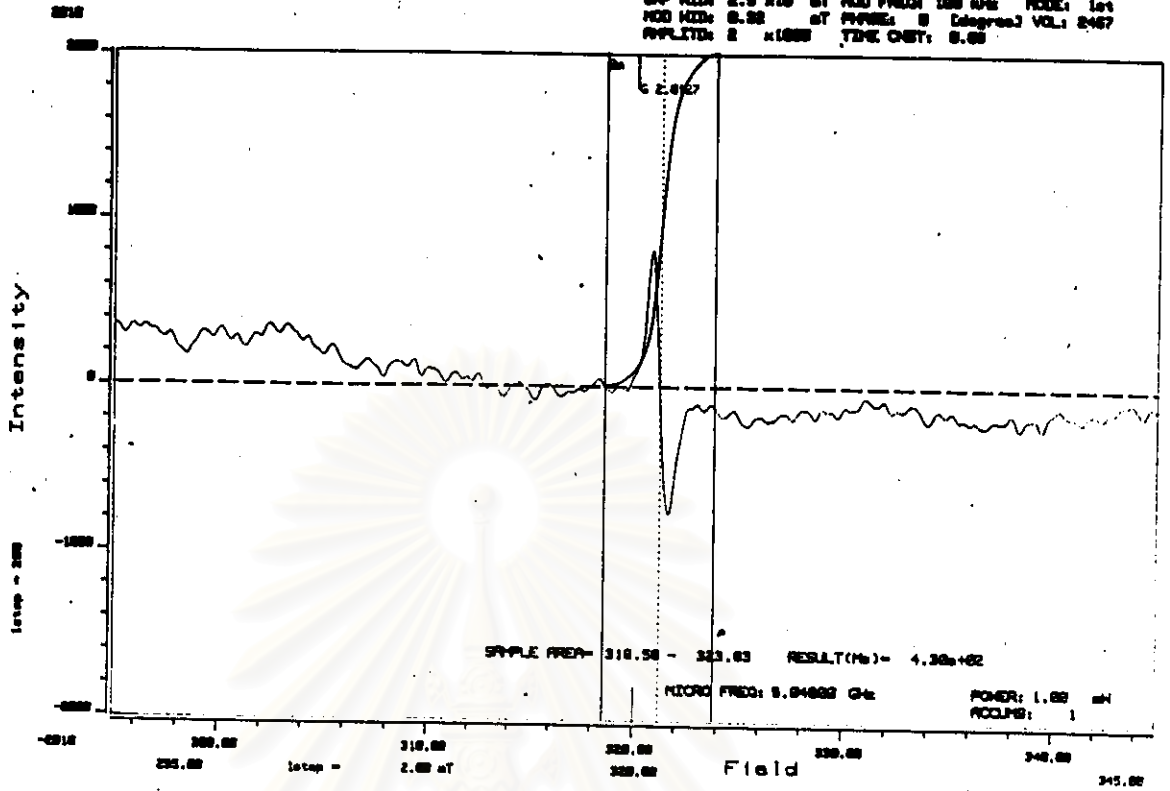
I-cornC

ESPRIT-425 v01.004 FILE:I-cornC
 96/7/13 23:10:41 BY: T. Manop
 C.FIELD: 320.000 mT SLOW SWEEP time 0h 0m 30s
 SWP MID: 2.5 x10 mT MOD FREQ: 100 kHz MODE: 1st
 MOD MID: 0.22 mT PHASE: 0 (degree) VOL: 2400
 AMPLTD: 2 x1000 TIME ONST: 0.00



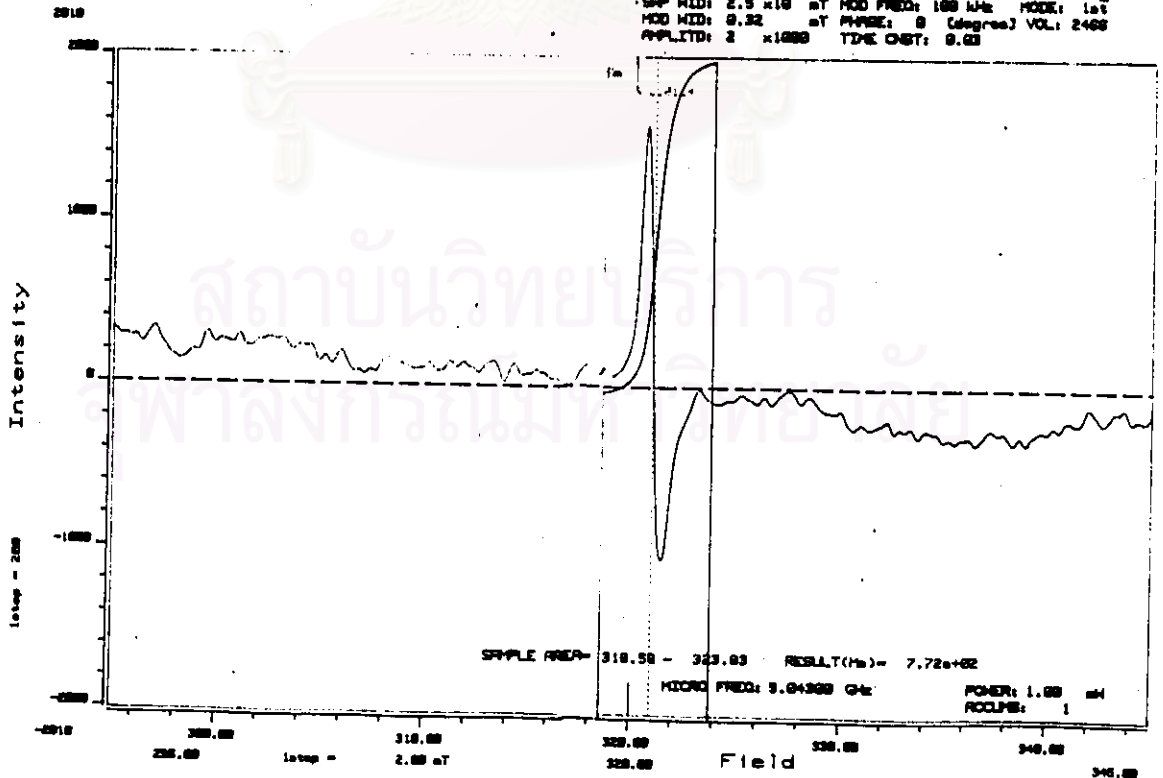
C-cornC3

ESPRIT-425 V01.004 FILE: C-cornC3
 96/7/14 2:27:42 BY: T. Kumpol
 C.FIELD: 320.000 mT SLOW SLEEP time 0h 0m 30s
 S-P MID: 2.5 x10 mT MOD FREQ: 100 MHz MODE: 1st
 MOD MID: 0.32 mT P-PHASE: 0 (degree) VOL: 2467
 P-PLTD: 2 x1000 TIME OUT: 0.00



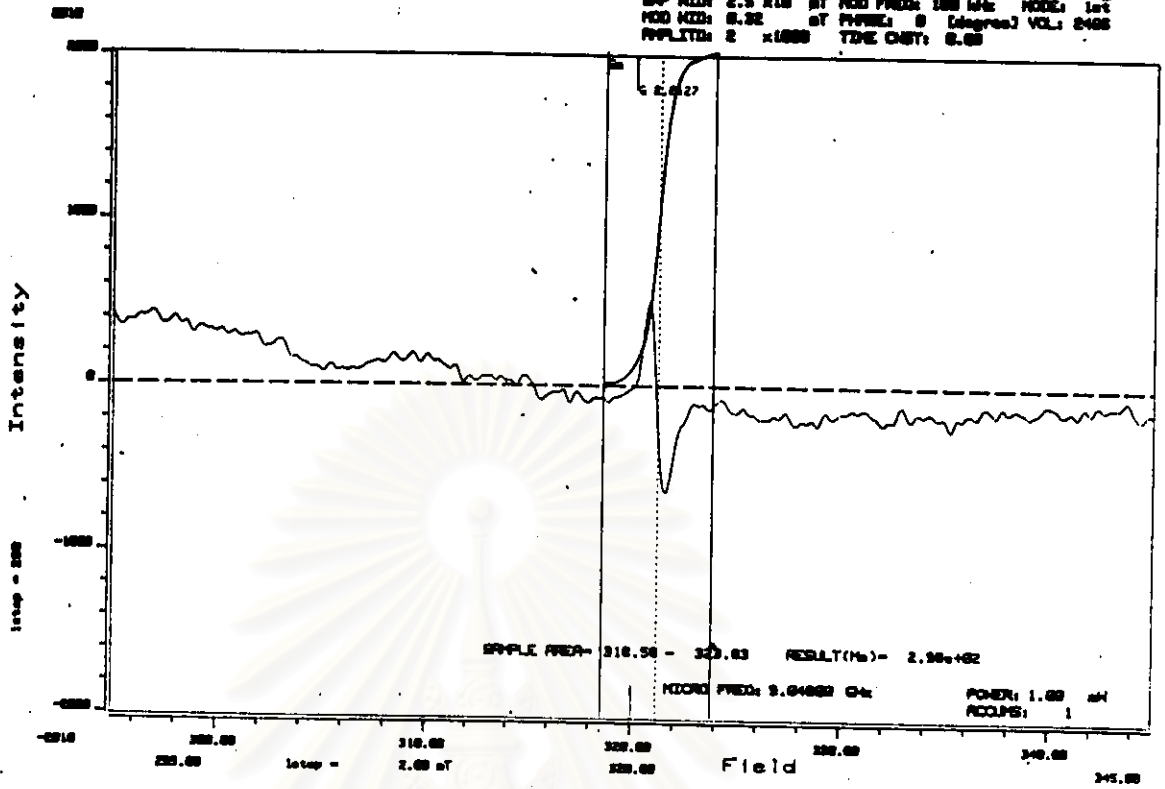
I-cornC3

ESPRIT-425 V01.004 FILE: I-cornC3
 96/7/14 2:39:40 BY: T. Kumpol
 C.FIELD: 320.000 mT SLOW SLEEP time 0h 0m 30s
 S-P MID: 2.5 x10 mT MOD FREQ: 100 MHz MODE: 1st
 MOD MID: 0.32 mT P-PHASE: 0 (degree) VOL: 2468
 P-PLTD: 2 x1000 TIME OUT: 0.00



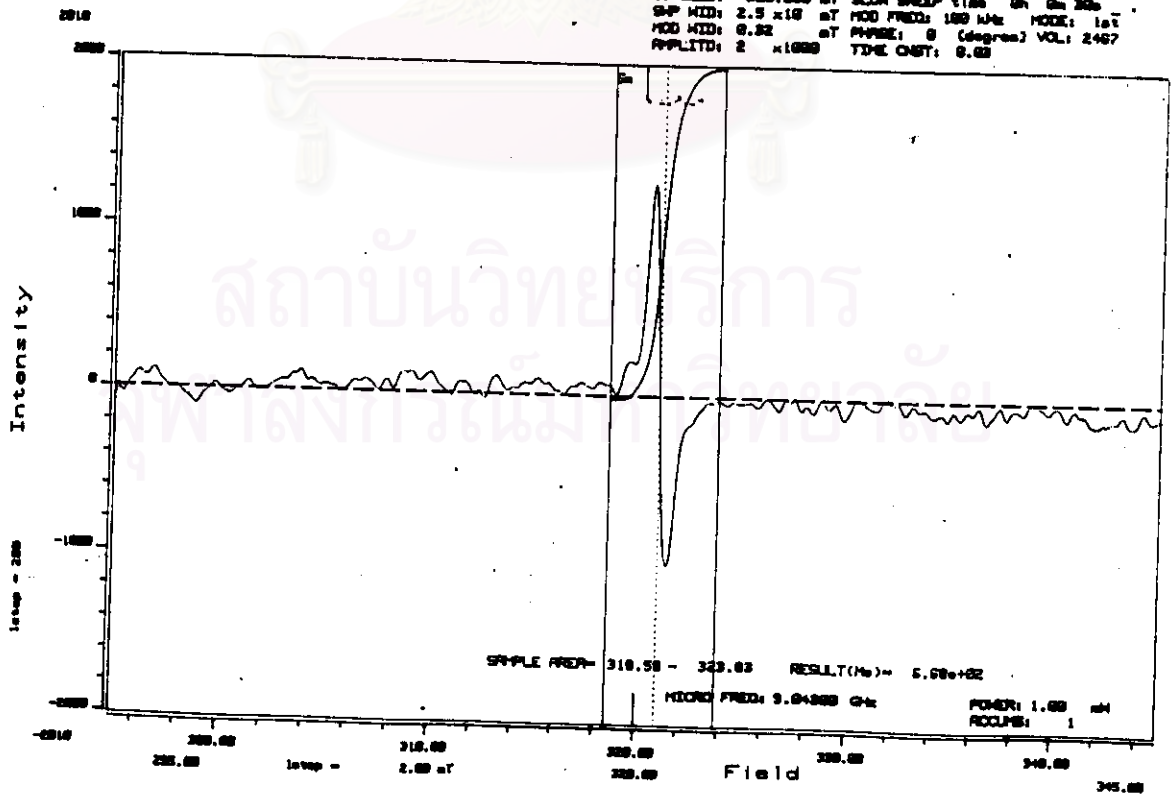
C-cornC7

ESPRIT-425 V01.004 FILE:C-cornC7
 96/ 7/14 7:12:39 BY: T. Manop
 C.FIELD: 329.000 mT SLOW SWEEP time 0h 0m 30s
 SWP MID: 2.5 x10 mT MOD FREQ: 100 kHz MODE: 1st
 MOD WID: 0.32 mT PPHASE: 0 (degree) VOL: 2405
 AMPLTD: 2 x1000 TIME OUT: 0.00



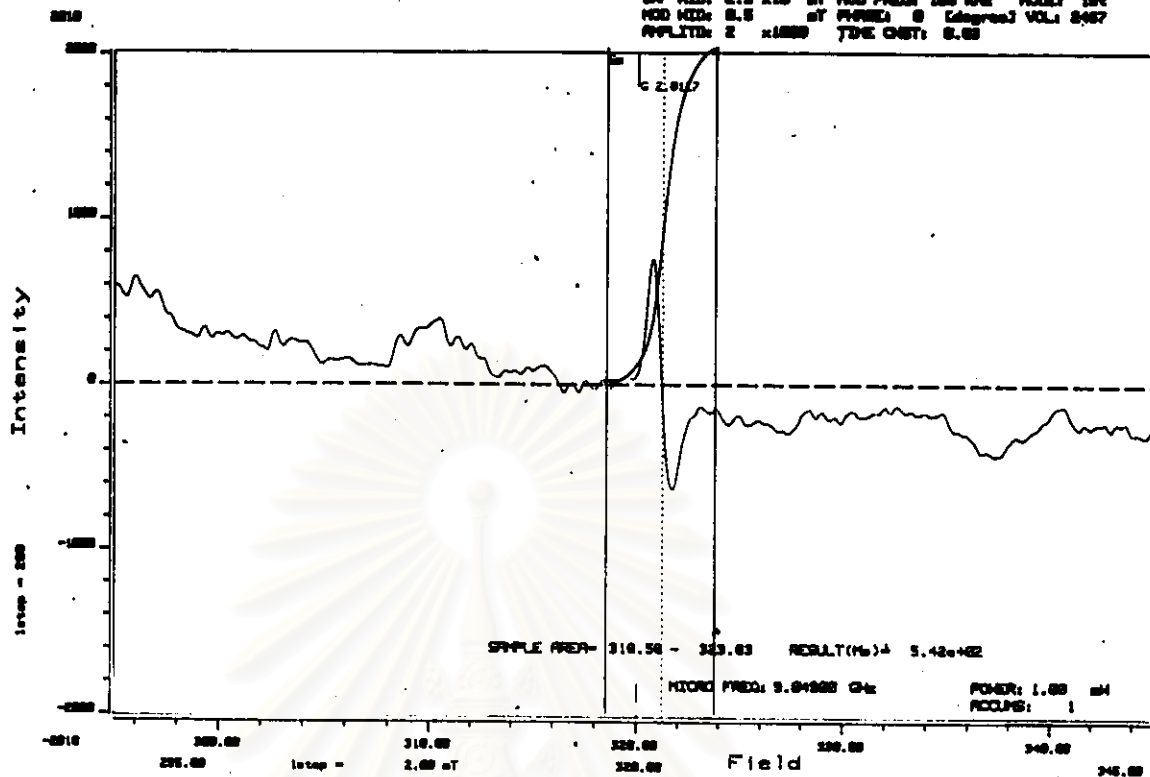
I-cornC7

ESPRIT-425 V01.004 FILE:I-cornC7
 96/ 7/14 7:15:39 BY: T. Manop
 C.FIELD: 329.000 mT SLOW SWEEP time 0h 0m 30s
 SWP MID: 2.5 x10 mT MOD FREQ: 100 kHz MODE: 1st
 MOD WID: 0.32 mT PPHASE: 0 (degree) VOL: 2467
 AMPLTD: 2 x1000 TIME OUT: 0.00



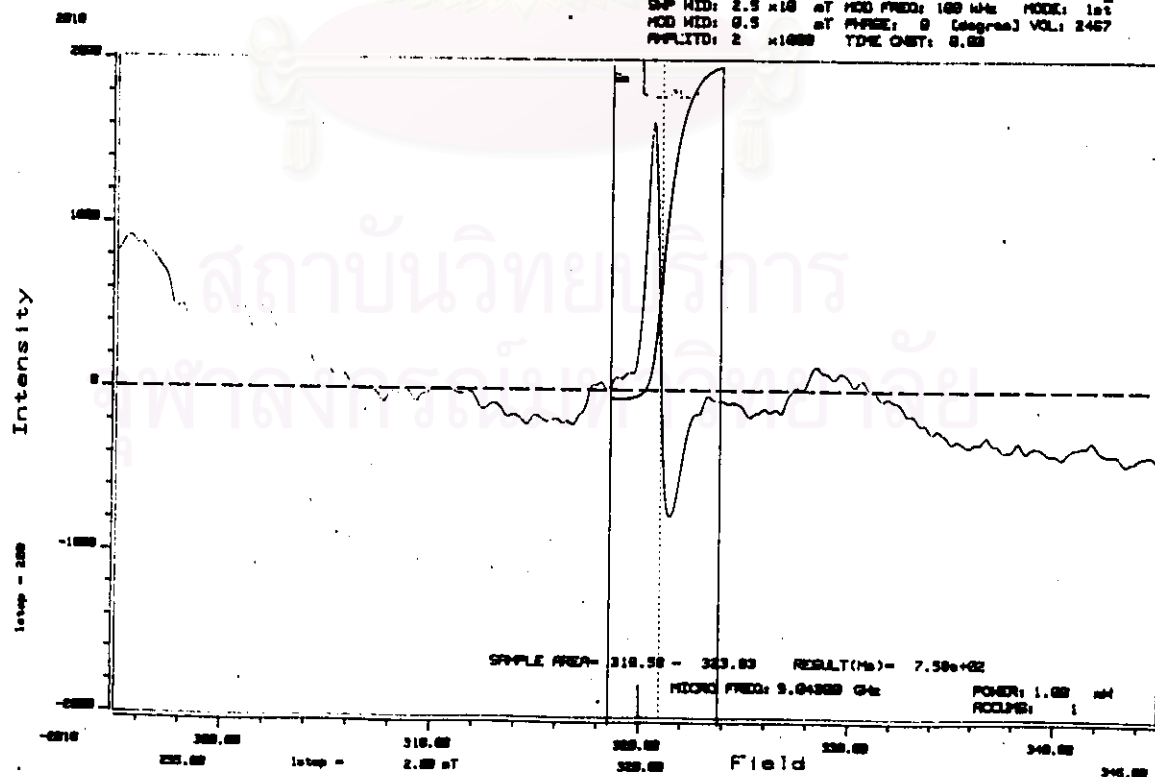
C-cornC10

ESPRIT-425 V01.004 FILE:C-cornC10
 98/7/14 9:23:5 BY: T. Kumpul
 C.FIELD: 320.000 mT SLOW SLEEP time 0h 0m 30s
 SWP MID: 2.5 x10 mT MOD FREQ: 100 kHz MODE: 1st
 MOD MID: 0.5 mT PHASE: 0 (degree) VOL: 2467
 AMPLTD: 2 x1000 TDR ONT: 0.00



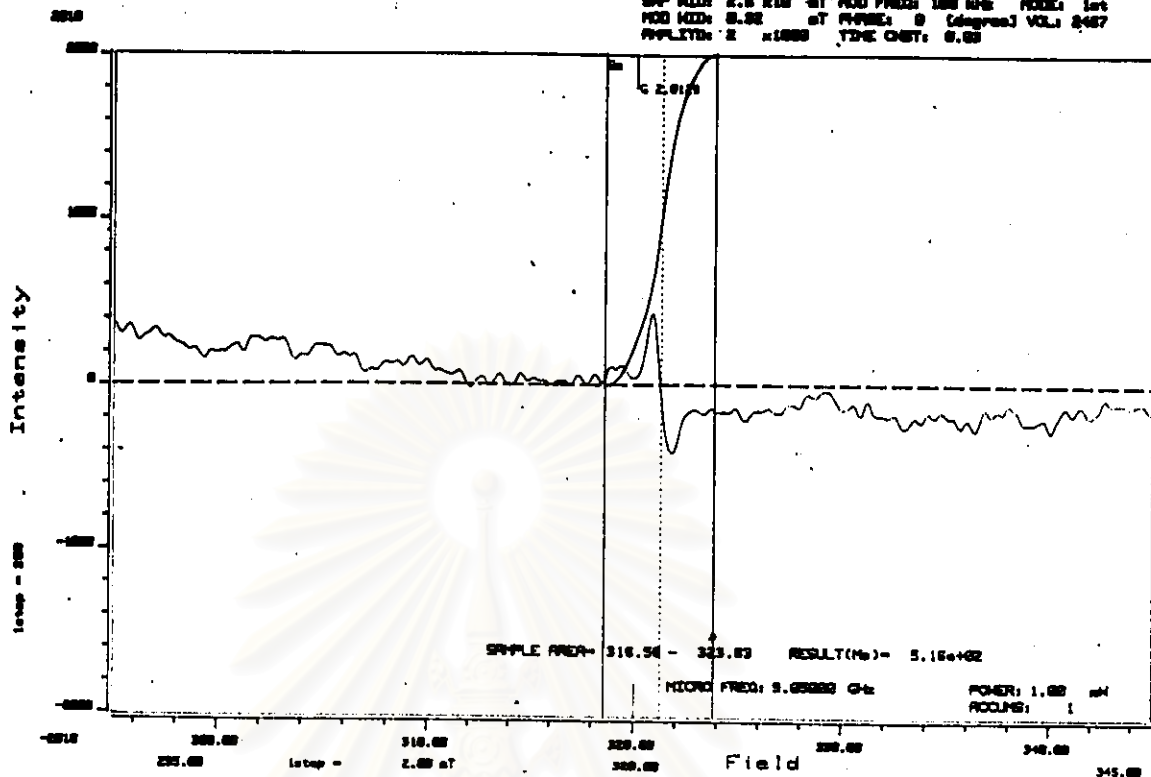
I-cornC10

ESPRIT-425 V01.004 FILE:I-cornC10
 98/7/14 9:25:17 BY: T. Kumpul
 C.FIELD: 320.000 mT SLOW SLEEP time 0h 0m 30s
 SWP MID: 2.5 x10 mT MOD FREQ: 100 kHz MODE: 1st
 MOD MID: 0.5 mT PHASE: 0 (degree) VOL: 2467
 AMPLTD: 2 x1000 TDR ONT: 0.00



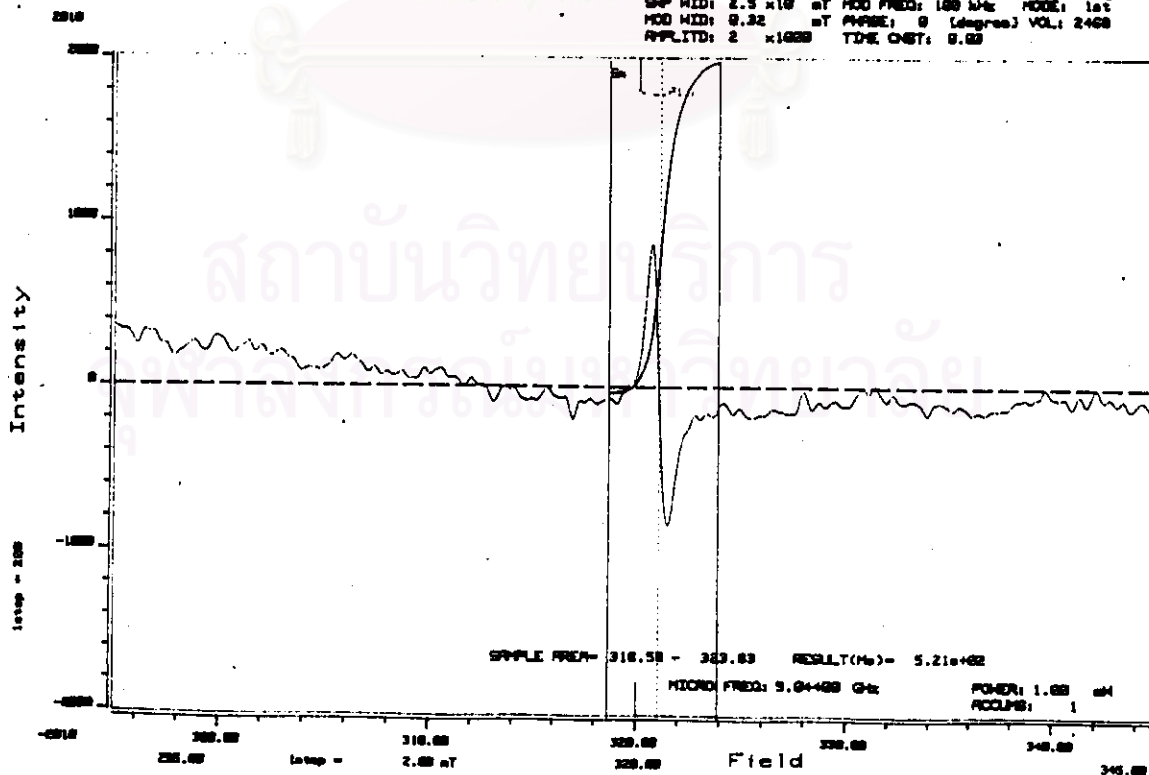
C-cornC15

ESPRIT-425 V01.004 FILE:C-cornC15
 98/7/14 15: 0:19 BY: T. Kappel
 C.FIELD: 329.000 mT SLOW SWEEP time 0h 0m 30s
 SWP MID: 2.5 x10 mT MOD FREQ: 100 kHz MODE: 1st
 MOD MID: 0.32 mT PPHSE: 0 (degree) VOL: 2407
 AMPLTD: 2 x1000 TDR ONT: 0.00



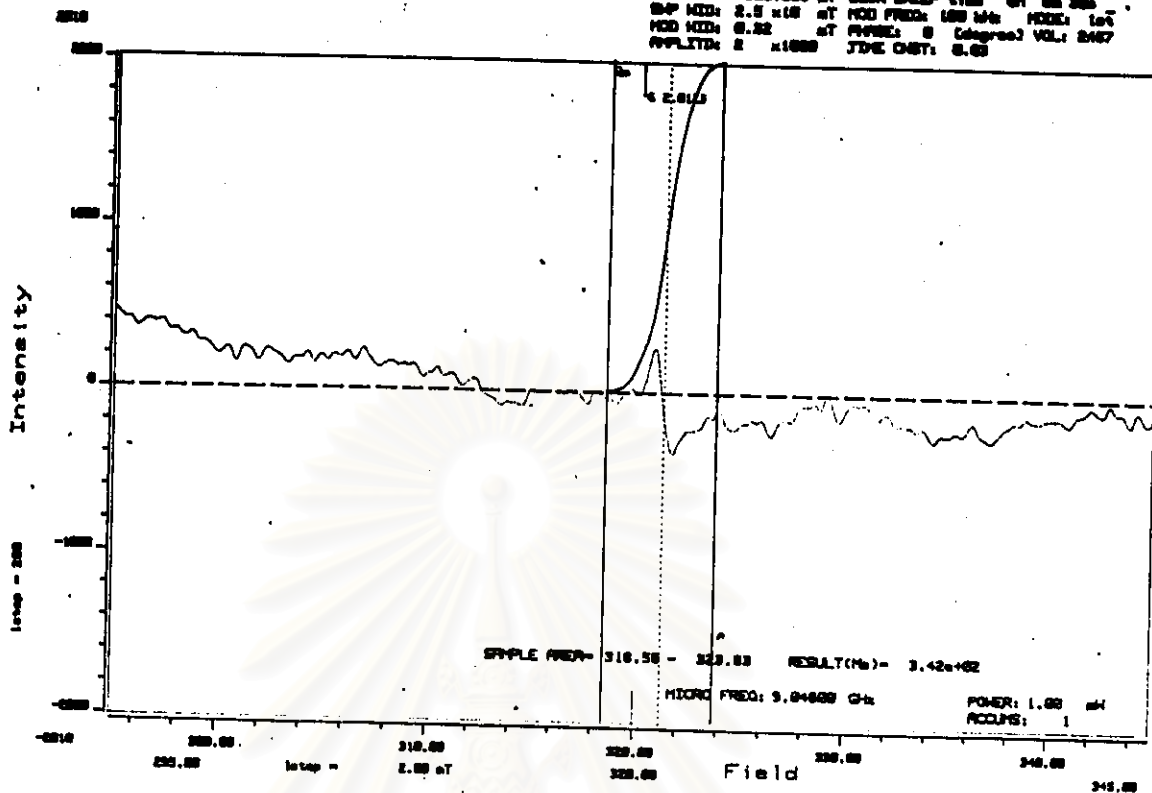
I-cornC15

ESPRIT-425 V01.004 FILE:I-cornC15
 98/7/14 15: 2:48 BY: T. Kappel
 C.FIELD: 329.000 mT SLOW SWEEP time 0h 0m 30s
 SWP MID: 2.5 x10 mT MOD FREQ: 100 kHz MODE: 1st
 MOD MID: 0.32 mT PPHSE: 0 (degree) VOL: 2408
 AMPLTD: 2 x1000 TDR ONT: 0.00



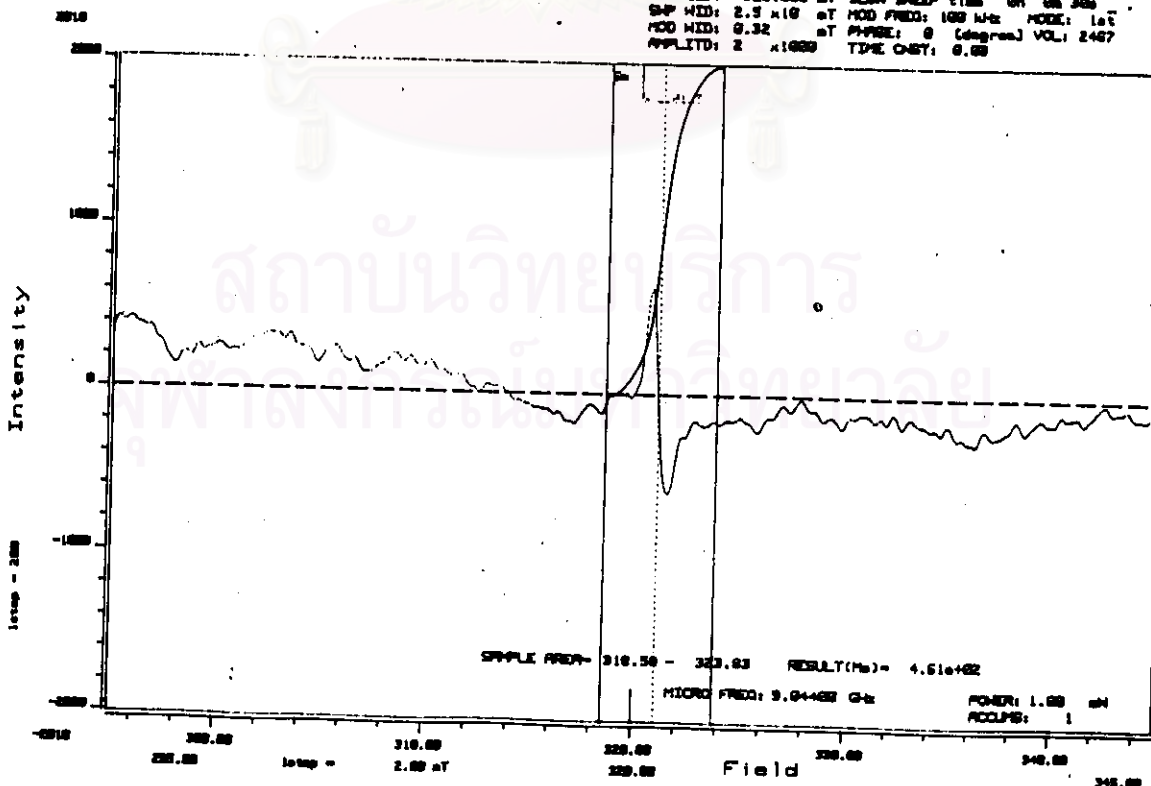
C-cornC29

ESPRIT-425 V01.004 FILE:C-cornC29
 98/10/11:17:11 BY: T. Kumpul
 C.FIELD: 320.000 mT SLOW SWEEP time 0h 0m 30s
 SWP MID: 2.5 x10 mT MOD FREQ: 100 kHz MODE: 1st
 MOD MID: 0.32 mT PHASE: 0 (degree) VOL: 2467
 AMPLTD: 2 x1000 TWE OBT: 0.00



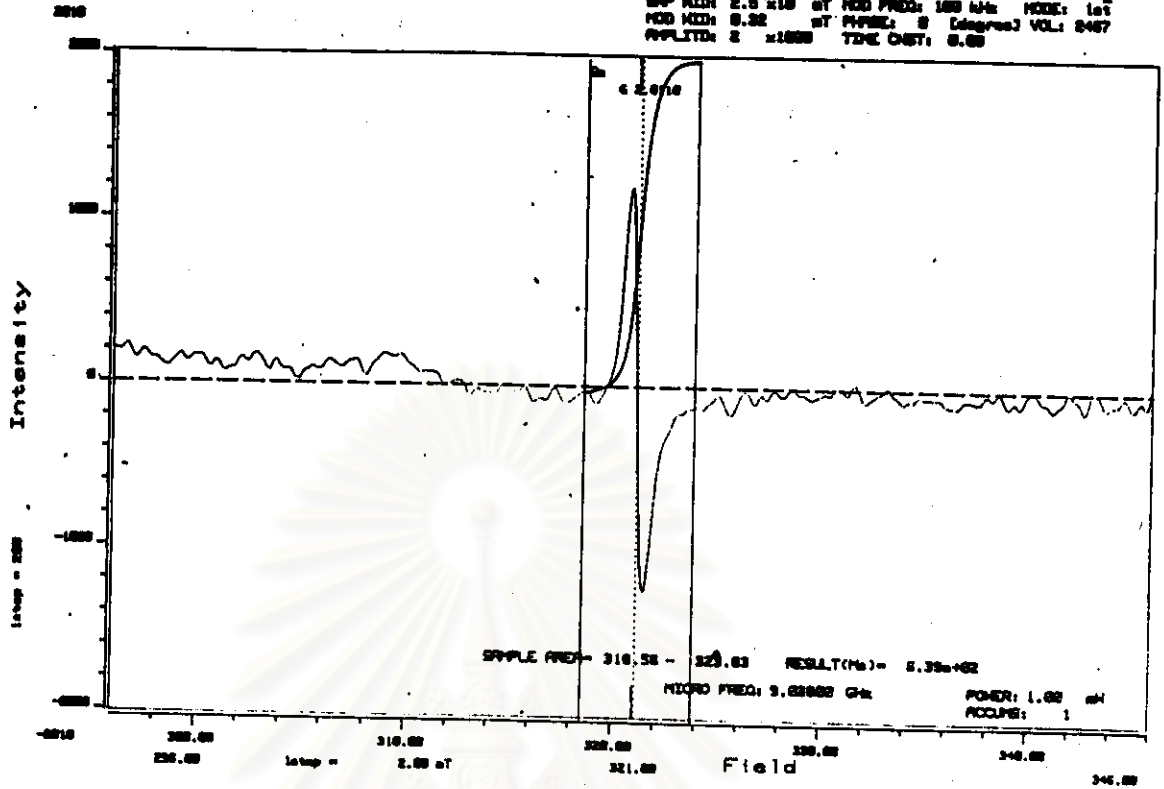
I-cornC29

ESPRIT-425 V01.004 FILE:I-cornC29
 98/10/11:19:40 BY: T. Kumpul
 C.FIELD: 320.000 mT SLOW SWEEP time 0h 0m 30s
 SWP MID: 2.5 x10 mT MOD FREQ: 100 kHz MODE: 1st
 MOD MID: 0.32 mT PHASE: 0 (degree) VOL: 2467
 AMPLTD: 2 x1000 TWE OBT: 0.00



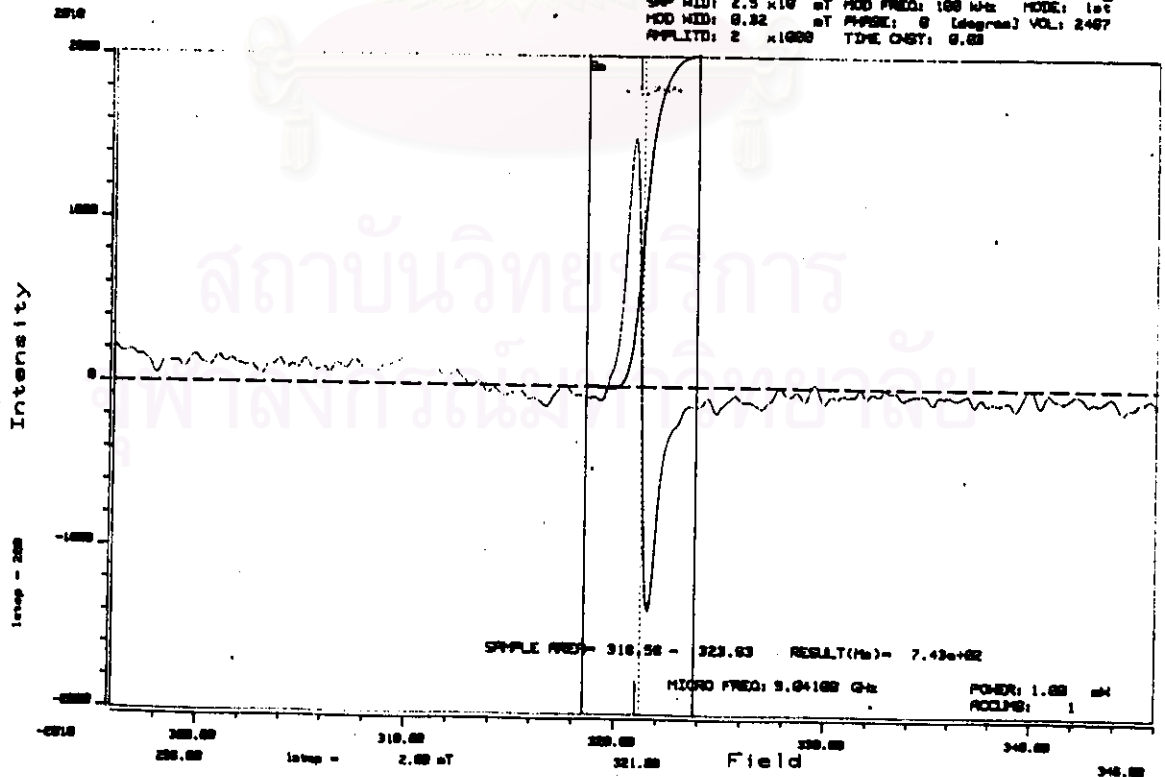
C-potatoE

ESPRIT-425 V01.004 FILE: C-potatoE
 06/10/1 10:48:22 BY: T. Kumpol
 C.FIELD: 321.002 mT SLOW SWEPT time 0h 0m 20s
 SWP MID: 2.5 x10 mT MOD FREQ: 100 kHz MODE: 1st
 MOD MID: 0.32 mT PHASE: 0 (degree) VOL: 2467
 APPLTD: 2 x1000 TDR COST: 0.00



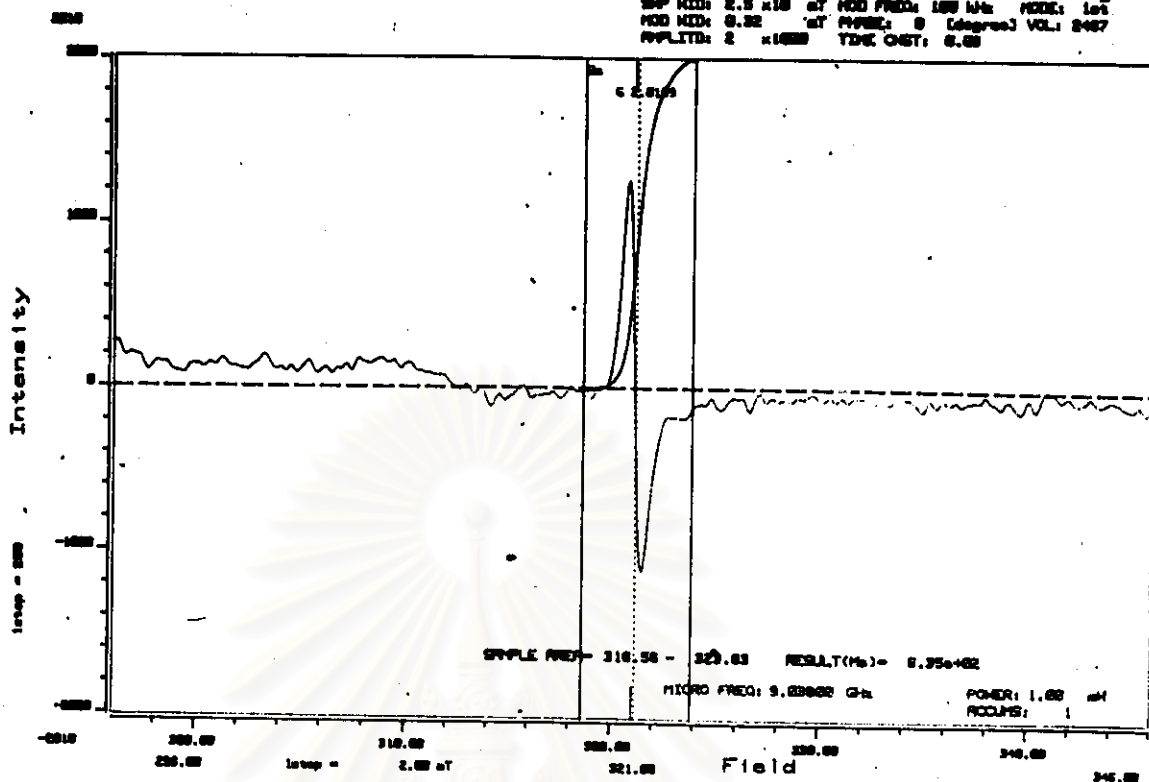
I-potatoE

ESPRIT-425 V01.004 FILE: I-potatoE
 06/10/1 10:48:22 BY: T. Kumpol
 C.FIELD: 321.002 mT SLOW SWEPT time 0h 0m 20s
 SWP MID: 2.5 x10 mT MOD FREQ: 100 kHz MODE: 1st
 MOD MID: 0.32 mT PHASE: 0 (degree) VOL: 2467
 APPLTD: 2 x1000 TDR COST: 0.00



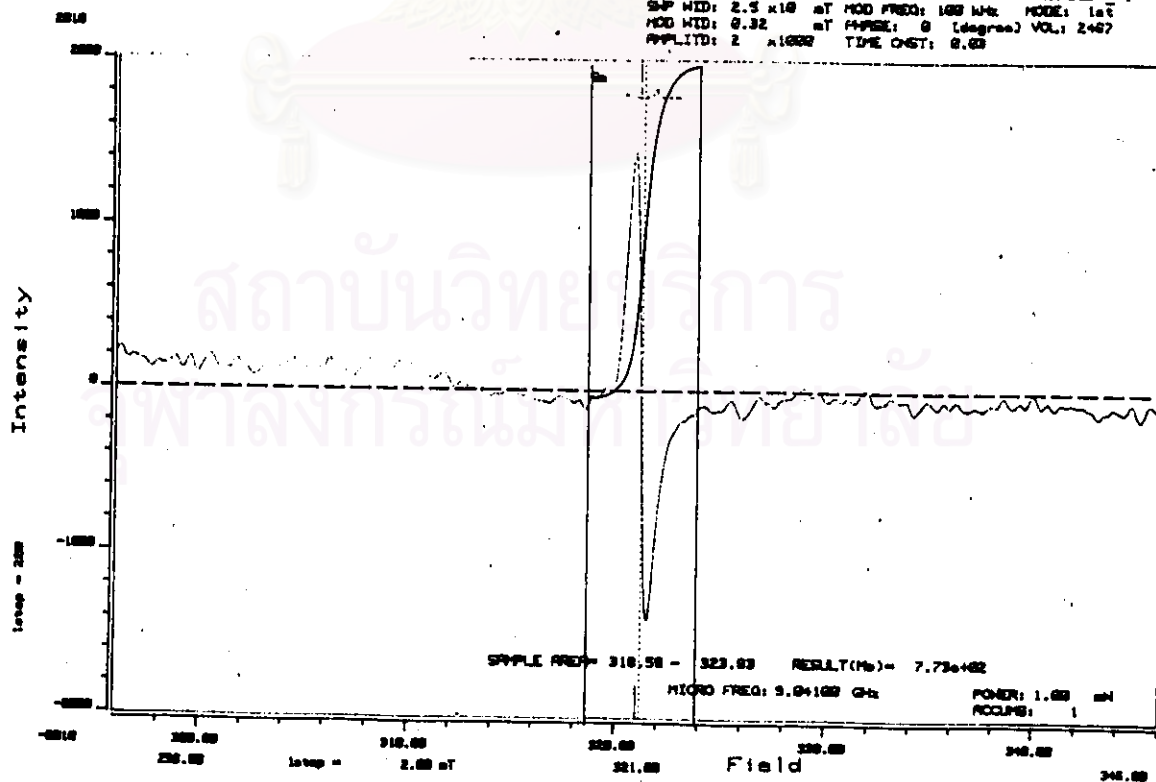
C-potatoE3

ESPRIT-425 V01.004 FILE:C-potatoE3
 05/10/1 21:19:20 BY: T. Kamei
 C.FIELD: 321.000 mT SLOW SWEEP time 0h 0m 30s
 SWP MID: 2.5 x10 mT MOD FREQ: 100 kHz MODE: 1st
 MOD MID: 0.32 mT FPHSE: 0 (degree) VOL: 2407
 APPLTD: 2 x1000 TIME ONT: 0.00



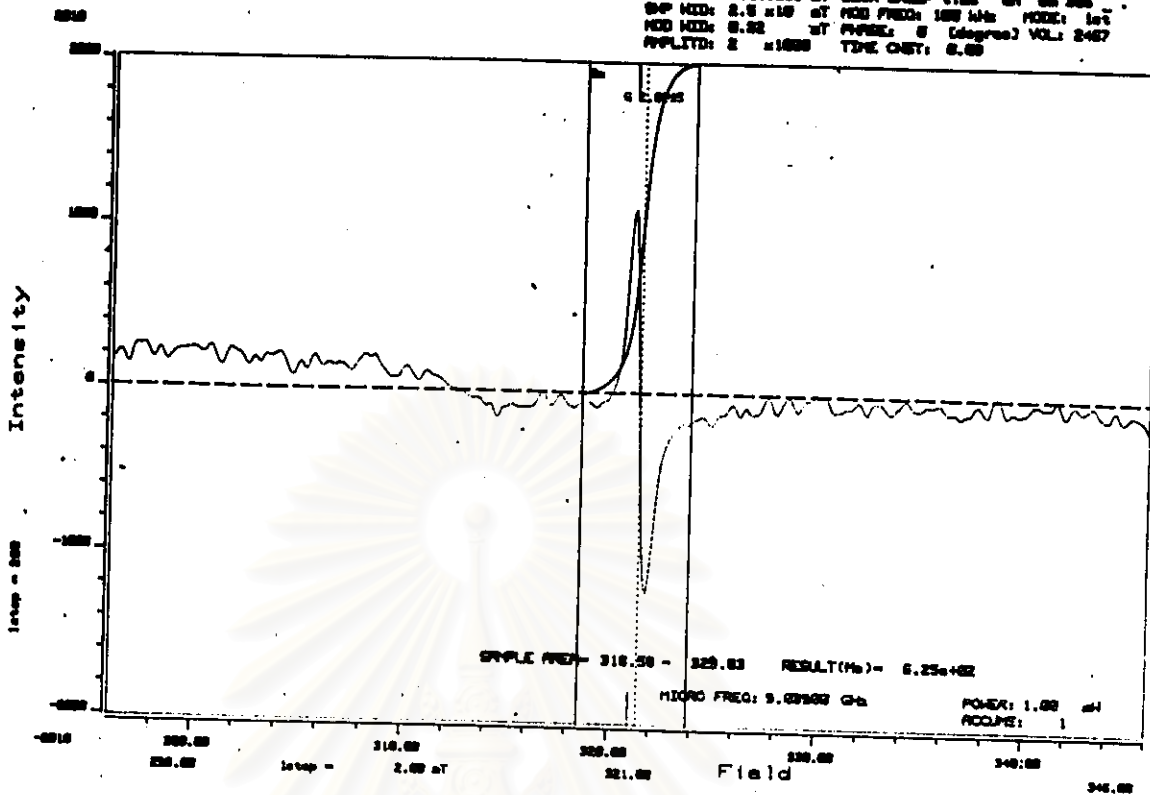
I-potatoE3

ESPRIT-425 V01.004 FILE:I-potatoE3
 05/10/1 21:16:00 BY: T. Kamei
 C.FIELD: 321.000 mT SLOW SWEEP time 0h 0m 30s
 SWP MID: 2.5 x10 mT MOD FREQ: 100 kHz MODE: 1st
 MOD MID: 0.32 mT FPHSE: 0 (degree) VOL: 2407
 APPLTD: 2 x1000 TIME ONT: 0.00



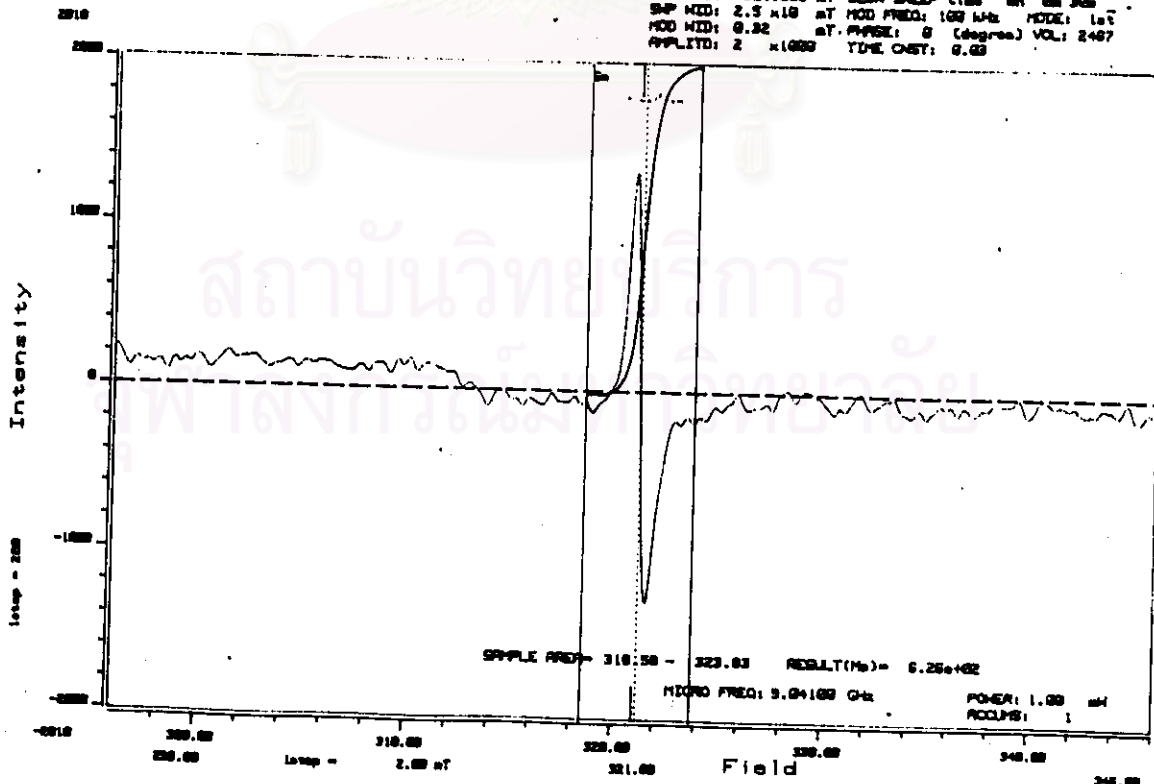
C-potatoE7

ESPRIT-425 V01.004 FILE:C-potatoE7
 30/10/12 22:11:43 BY: T. Knapel
 C.FIELD: 321.000 mT SLOW SLEEP time 0h 0m 30s
 SWP MOD: 2.5 x10 mT MOD FREQ: 100 kHz MODE: 1st
 MOD MOD: 0.32 mT PHASE: 0 (degrees) VOL: 2407
 APPLTD: 2 x1000 TIME ONST: 0.00



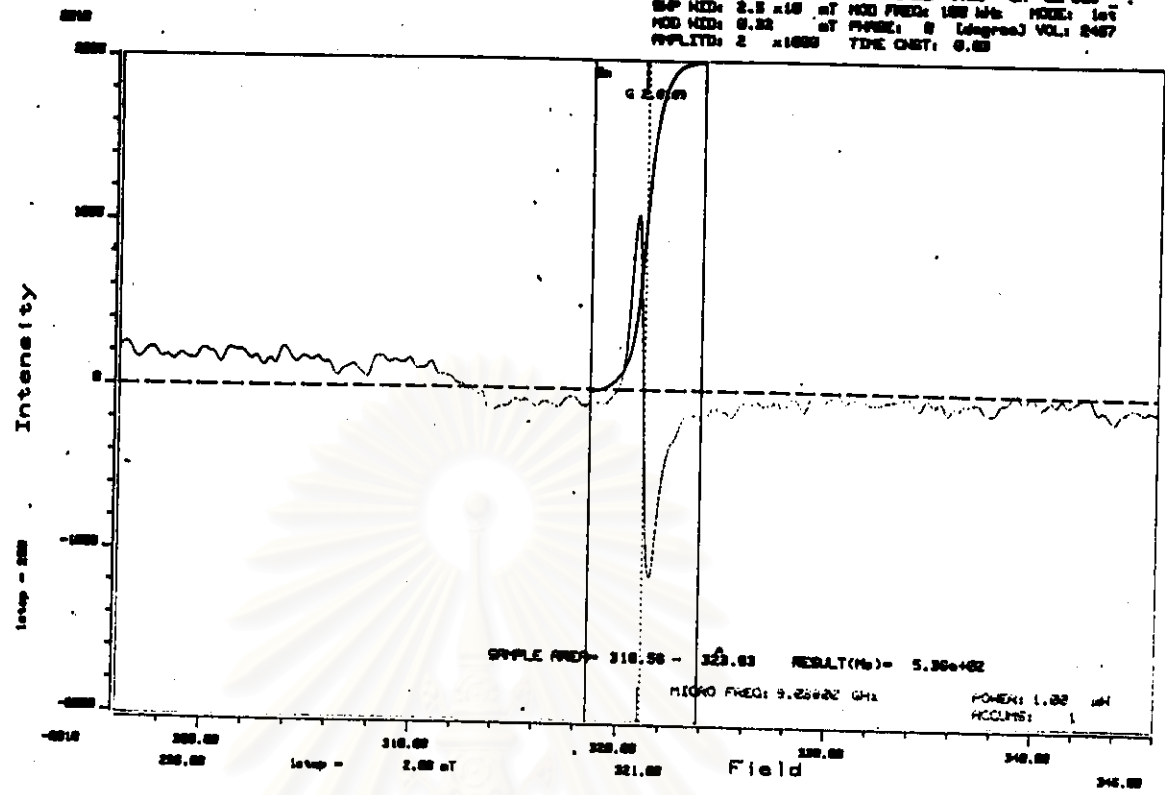
I-potatoE7

ESPRIT-425 V01.004 FILE:I-potatoE7
 30/10/12 22:13:45 BY: T. Knapel
 C.FIELD: 321.000 mT SLOW SLEEP time 0h 0m 30s
 SWP MOD: 2.5 x10 mT MOD FREQ: 100 kHz MODE: 1st
 MOD MOD: 0.32 mT PHASE: 0 (degrees) VOL: 2407
 APPLTD: 2 x1000 TIME ONST: 0.00



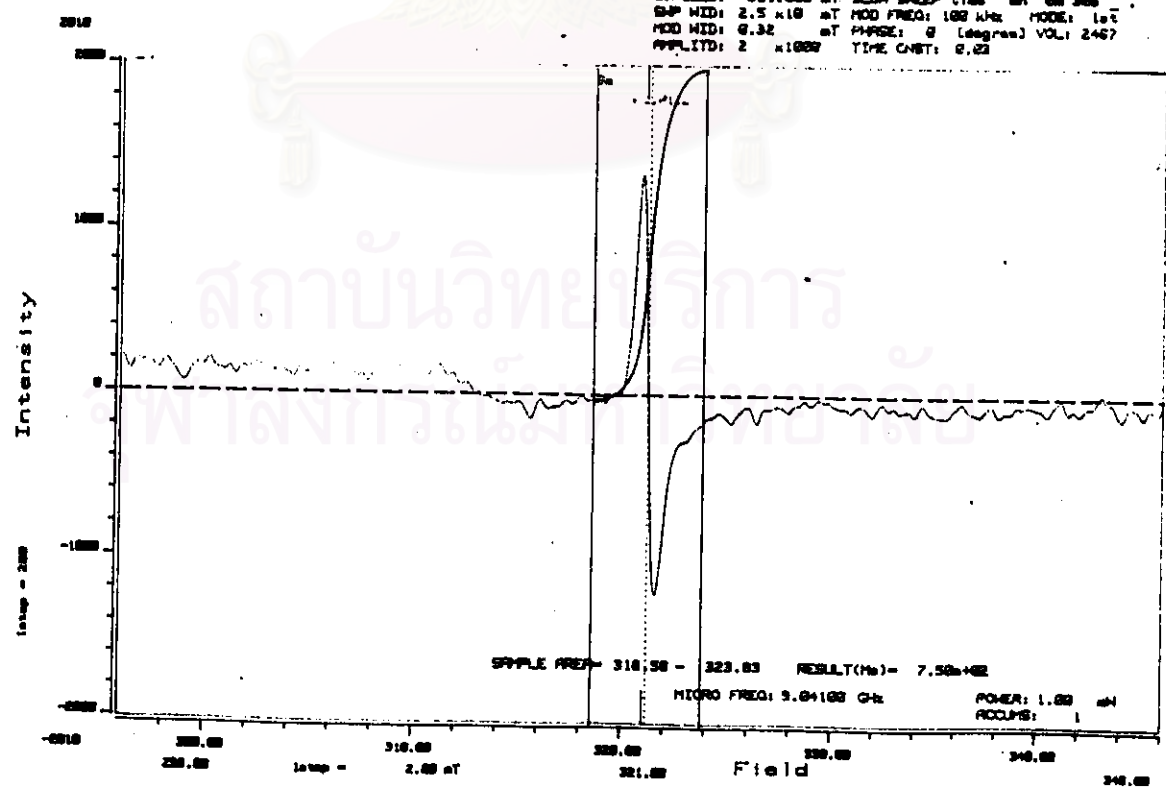
C-potatoE10

ESPRIT-425 V01.00: FILE:C-potatoE10
 06/10/1 22:52:22 BY: T. Harup
 C.FIELD: 321.000 mT SLOW SWEEP time 0h 0m 30s
 SWP MID: 2.5 mT MOD FREQ: 100 kHz MODE: 1st
 MOD MID: 0.32 mT PHASE: 0 (degree) VOL: 2467
 PPLTID: 2 x1000 TIME CNT: 0.00



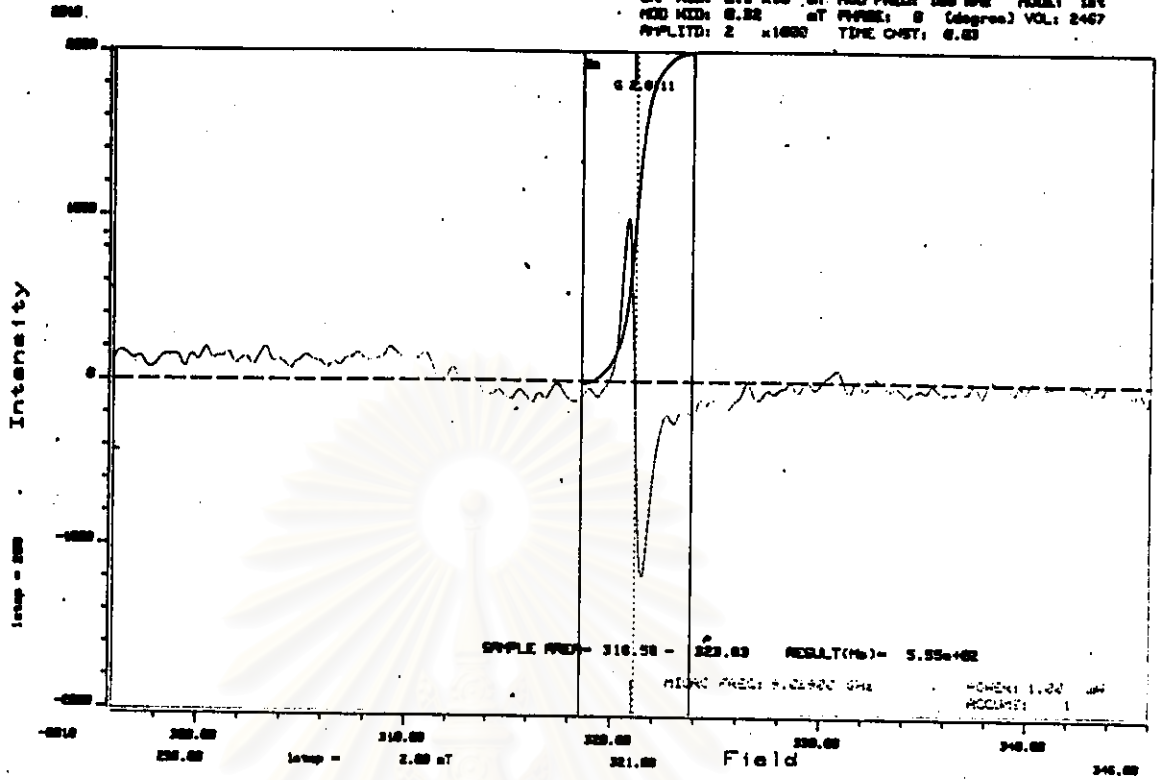
I-potatoE10

ESPRIT-425 V01.00: FILE:I-potatoE10
 06/10/1 22:49:55 BY: T. Harup
 C.FIELD: 321.000 mT SLOW SWEEP time 0h 0m 30s
 SWP MID: 2.5 mT MOD FREQ: 100 kHz MODE: 1st
 MOD MID: 0.32 mT PHASE: 0 (degree) VOL: 2467
 PPLTID: 2 x1000 TIME CNT: 0.00



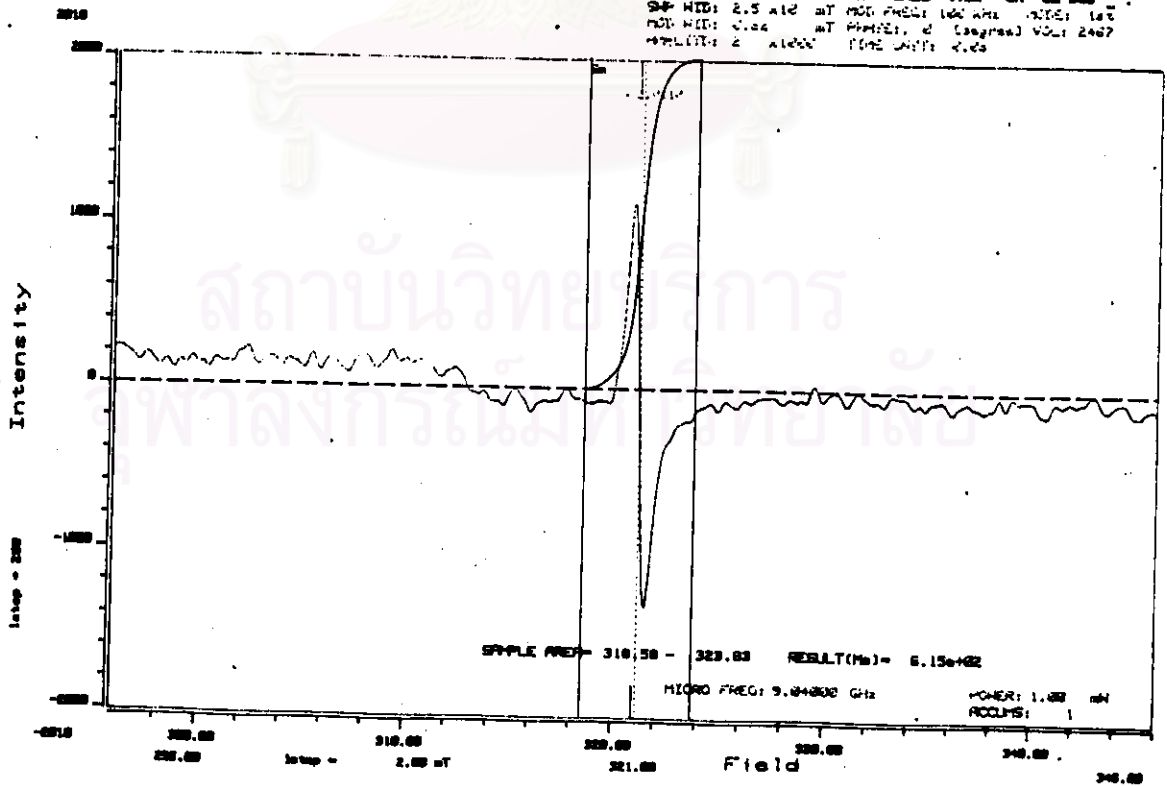
C-potatoE15

ESPRIT-425 V01.004 FILE:C-potatoE15
 96/10/ 2 1:06:03 BY: T. Kumpol
 C.FIELD: 321.000 mT SLOW SLEEP time 3h 3m 30s
 SWP WID: 2.5 mT MT MOD FREQ: 100 MHz MODE: 1st
 MOD WID: 0.22 mT P/PWR: 0 (degree) VOL: 2407
 AMPLTD: 2 x1000 TIME ONST: 0.03



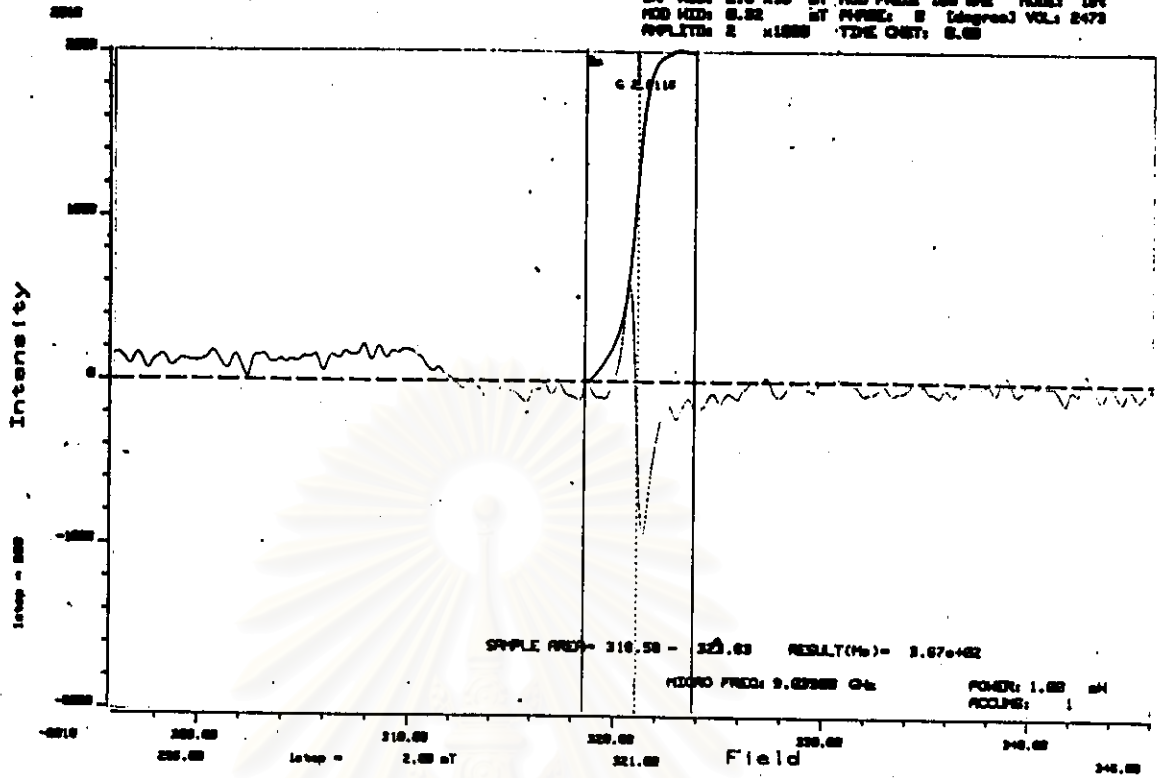
I-potatoE15

ESPRIT-425 V01.004 FILE:I-potatoE15
 96/10/ 2 1:59:36 BY: T. Kumpol
 C.FIELD: 321.000 mT SLOW SLEEP time 3h 3m 30s
 SWP WID: 2.5 mT MT MOD FREQ: 100 MHz MODE: 1st
 MOD WID: 0.22 mT P/PWR: 0 (degree) VOL: 2407
 AMPLTD: 2 x1000 TIME ONST: 0.03



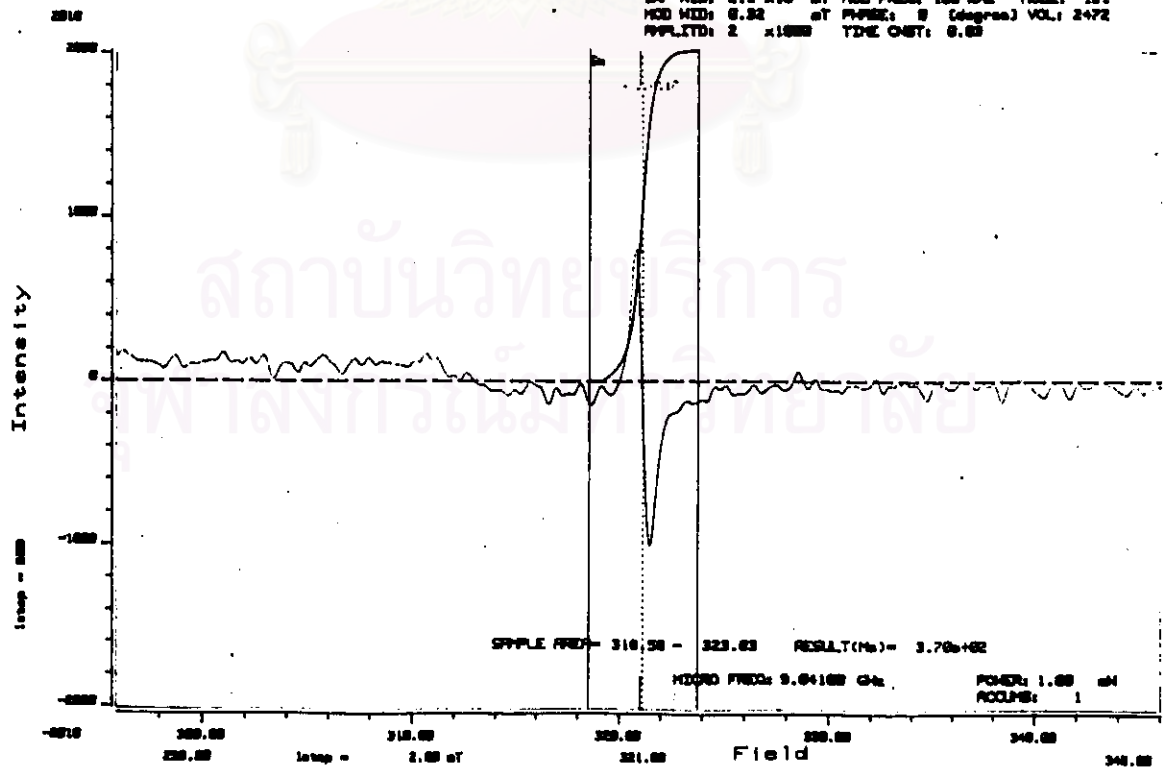
C-potatoE29

ESPRIT-425 V01.004 FILE:C-potatoE29
 25/10/10 10:51:21 BY: T. Kumpol
 C.FIELD: 321.000 at SLOW SWEPT time On On 200
 SWP MOD: 2.5 x10 at MOD FREQ: 100 kHz MODE: 1st
 MOD MOD: 0.32 at PPRM: 0 (degree) VOL: 2473
 AMPLTD: 2 x1000 TDR CST: 0.00



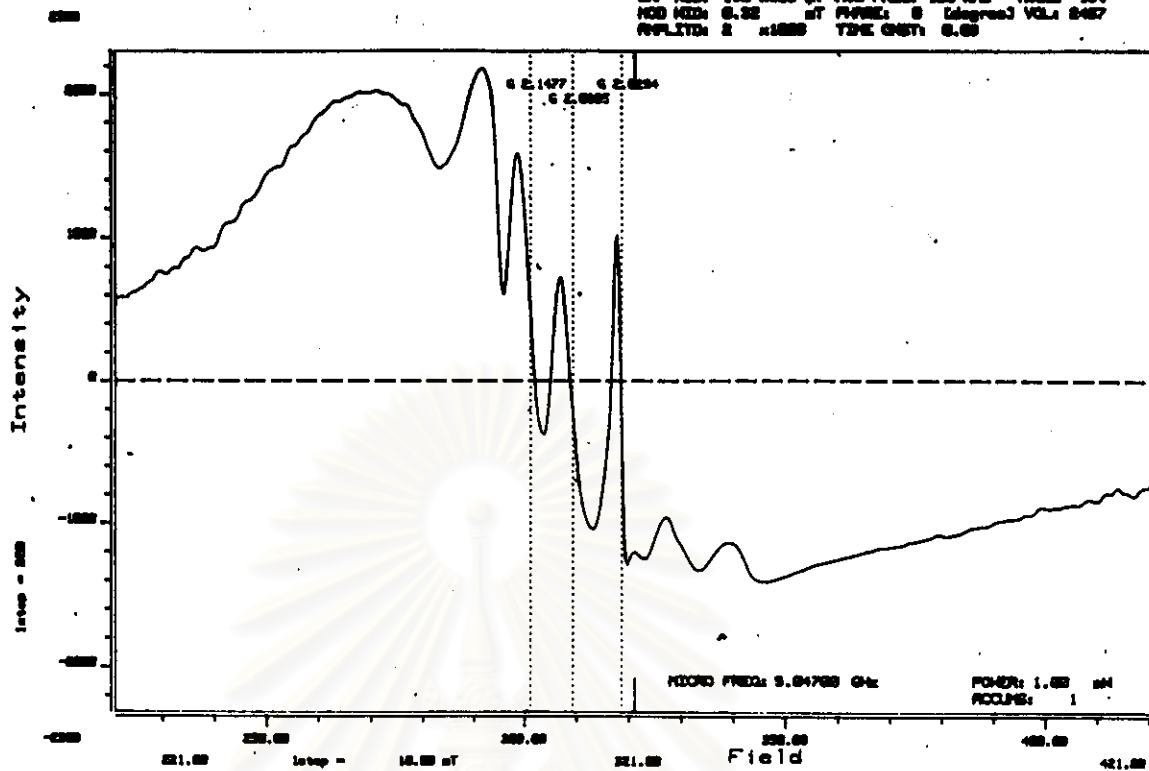
I-potatoE29

ESPRIT-425 V01.004 FILE:I-potatoE29
 25/10/10 10:51:54 BY: T. Kumpol
 C.FIELD: 321.000 at SLOW SWEPT time On On 200
 SWP MOD: 2.5 x10 at MOD FREQ: 100 kHz MODE: 1st
 MOD MOD: 0.32 at PPRM: 0 (degree) VOL: 2472
 AMPLTD: 2 x1000 TDR CST: 0.00



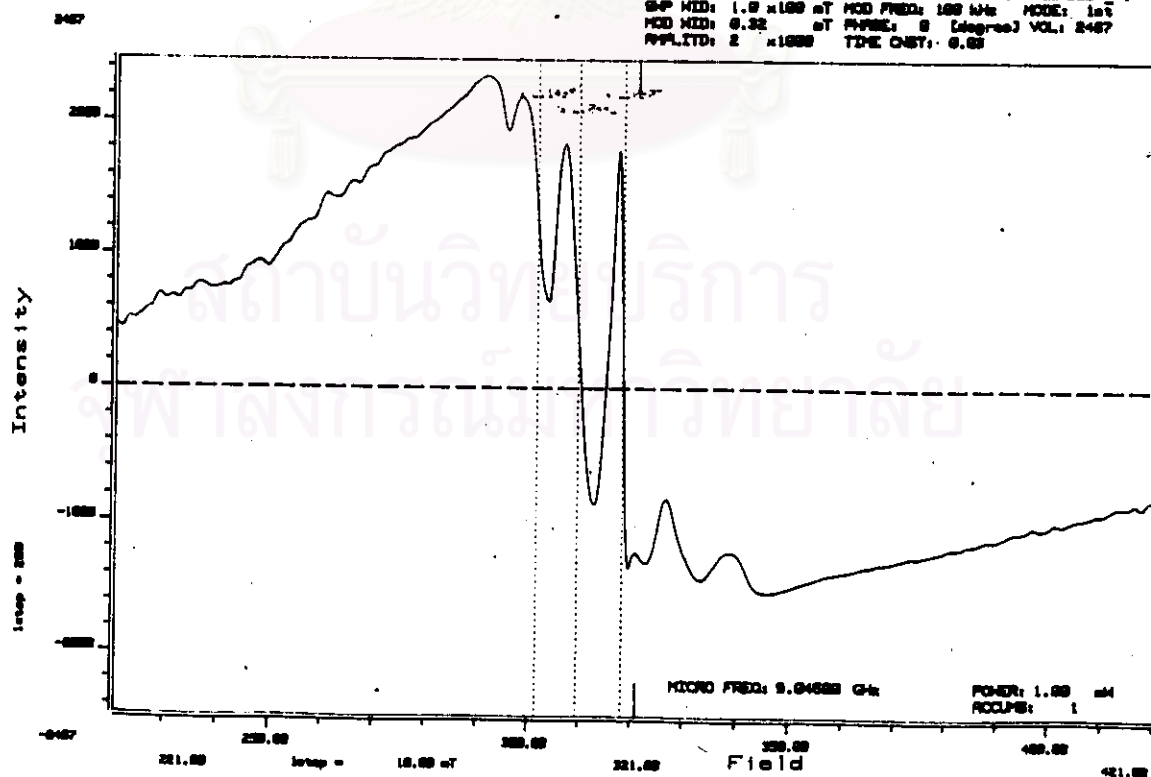
C-gingerA

ESPRIT-425 V01.004 FILE:C-ingerA
 06/07/12 21:04:33 BY: T. Harap
 C.FIELD: 321.000 mT SLCH SWEPT time 0h 0m 30s
 S/F MID: 1.0 x1000 mT MOD FREQ: 100 MHz MODE: 1st
 MOD MID: 0.32 mT P/PWID: 0 (degrees) VOL: 2467
 PPLTID: 2 x1000 TDE ONST: 0.00



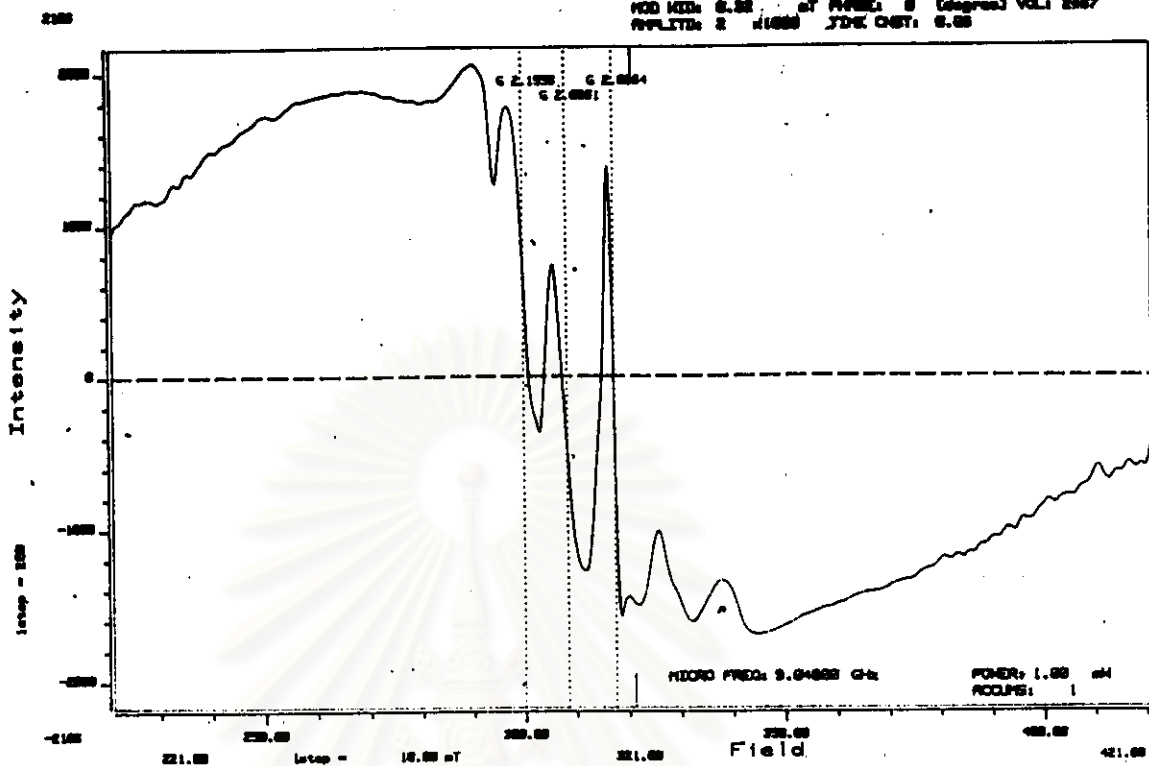
I-ingerA

ESPRIT-425 V01.004 FILE:I-ingerA
 06/07/12 21:14:19 BY: T. Harap
 C.FIELD: 321.000 mT SLCH SWEPT time 0h 0m 30s
 S/F MID: 1.0 x1000 mT MOD FREQ: 100 MHz MODE: 1st
 MOD MID: 0.32 mT P/PWID: 0 (degrees) VOL: 2467
 PPLTID: 2 x1000 TDE ONST: 0.00



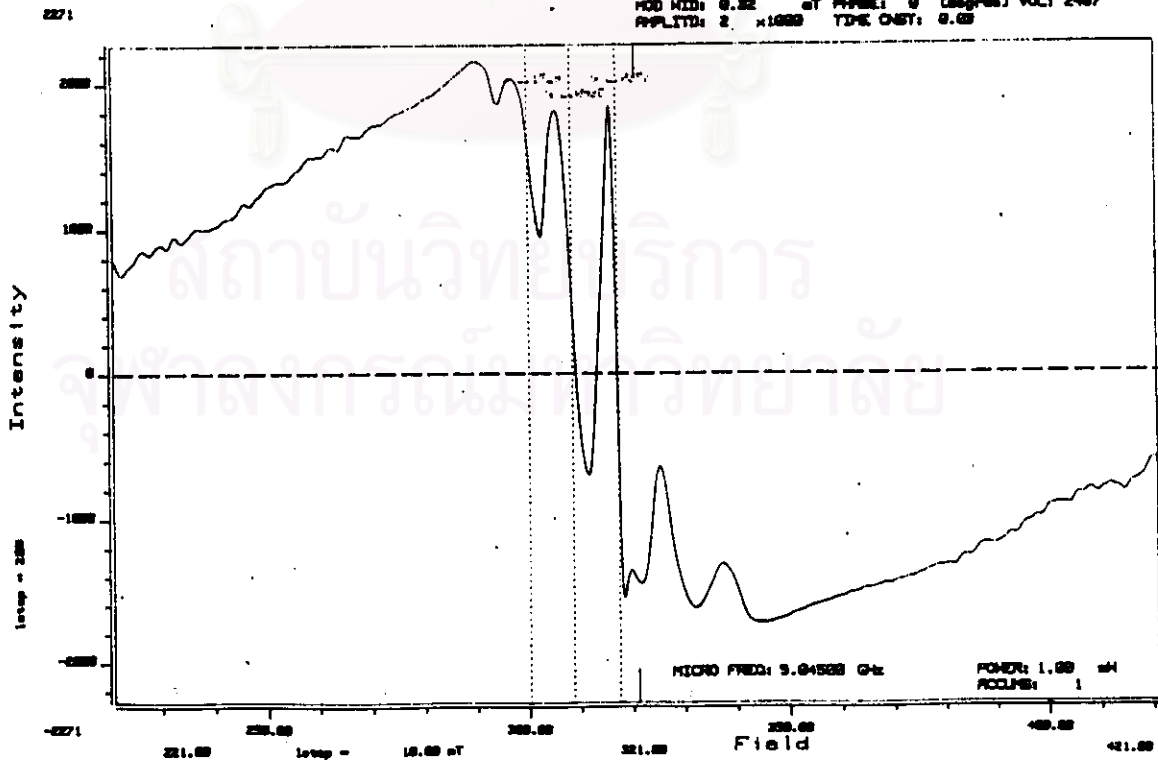
C-gingerA3

ESPRIT-425 V01.004 FILE:C-gingerA3
 06/ 7/13 8:18: 0 BY: T. Maruy
 C.FIELD: 321.000 at SLOW SLEEP time 0h 0m 30s
 SWP HHD: 1.0 x1000 at MOD FREQ: 100 kHz MODE: 1st
 MOD HHD: 0.22 at PHASE: 0 (degree) VOL: 2487
 AMPLTD: 2 x1000 TDC ONST: 0.00



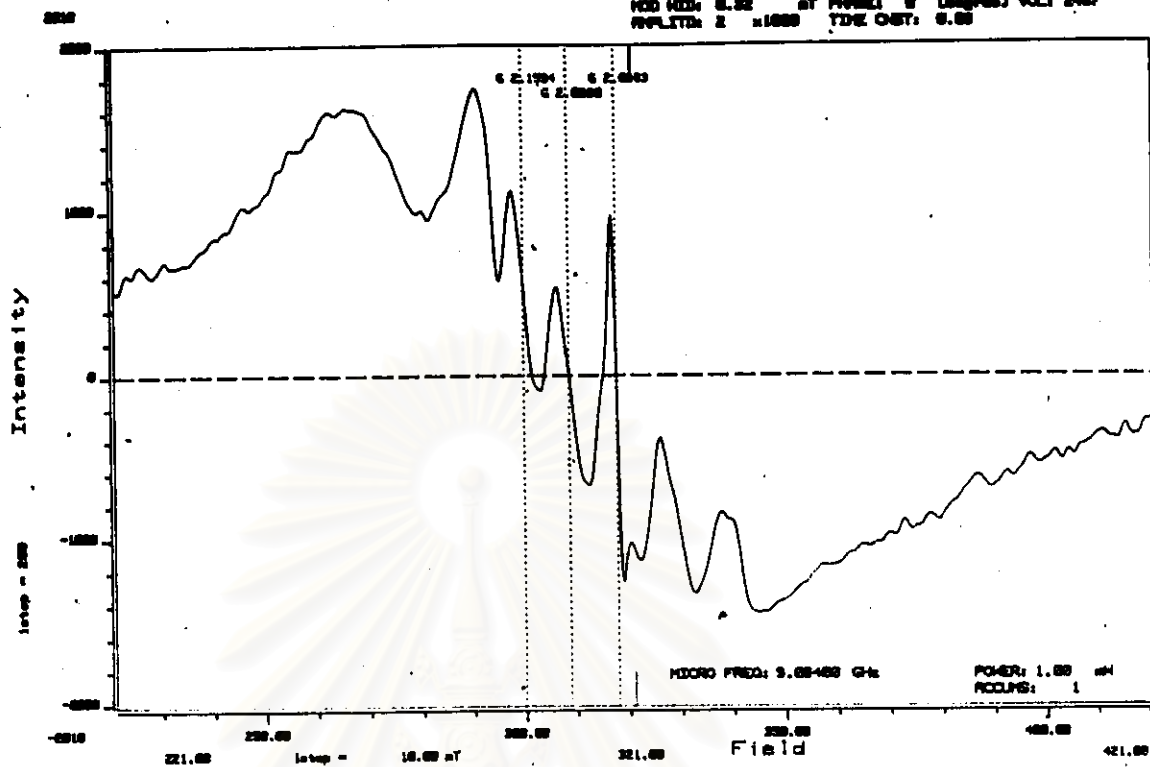
I-gingerA3

ESPRIT-425 V01.004 FILE:I-gingerA3
 06/ 7/13 8:18:24 BY: T. Maruy
 C.FIELD: 321.000 at SLOW SLEEP time 0h 0m 30s
 SWP HHD: 1.0 x1000 at MOD FREQ: 100 kHz MODE: 1st
 MOD HHD: 0.22 at PHASE: 0 (degree) VOL: 2487
 AMPLTD: 2 x1000 TDC ONST: 0.00



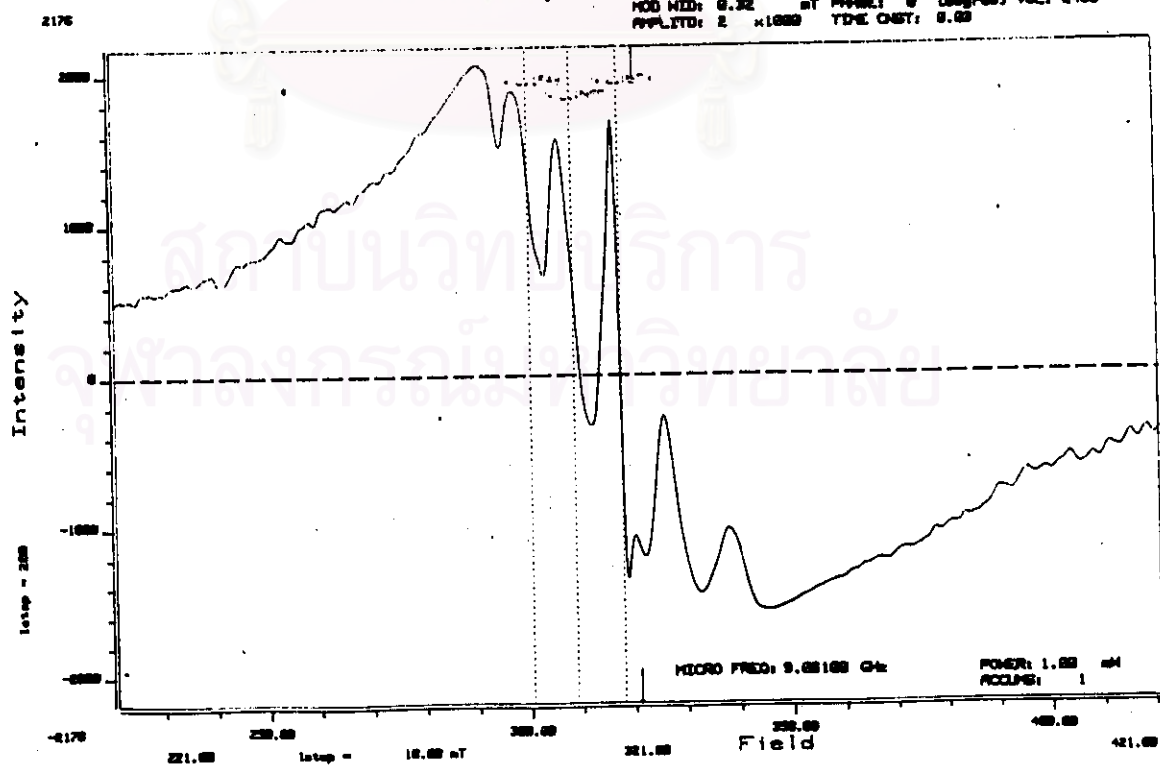
C-gingerA7

ESPRIT-425 V01.004 FILE:C-gingerA7
 28/7/13 2:48:48 BY: T. Manop
 C.FIELD: 321.000 mT SLOW SWEEP time 0h 0m 30s
 GMP MID: 1.0 x100 mT MOD FREQ: 100 MHz MODE: 1st
 MOD MID: 0.32 mT PPHASE: 0 (degree) VOL: 2407
 AMPLTD: 2 x1000 TDE CMT: 0.00



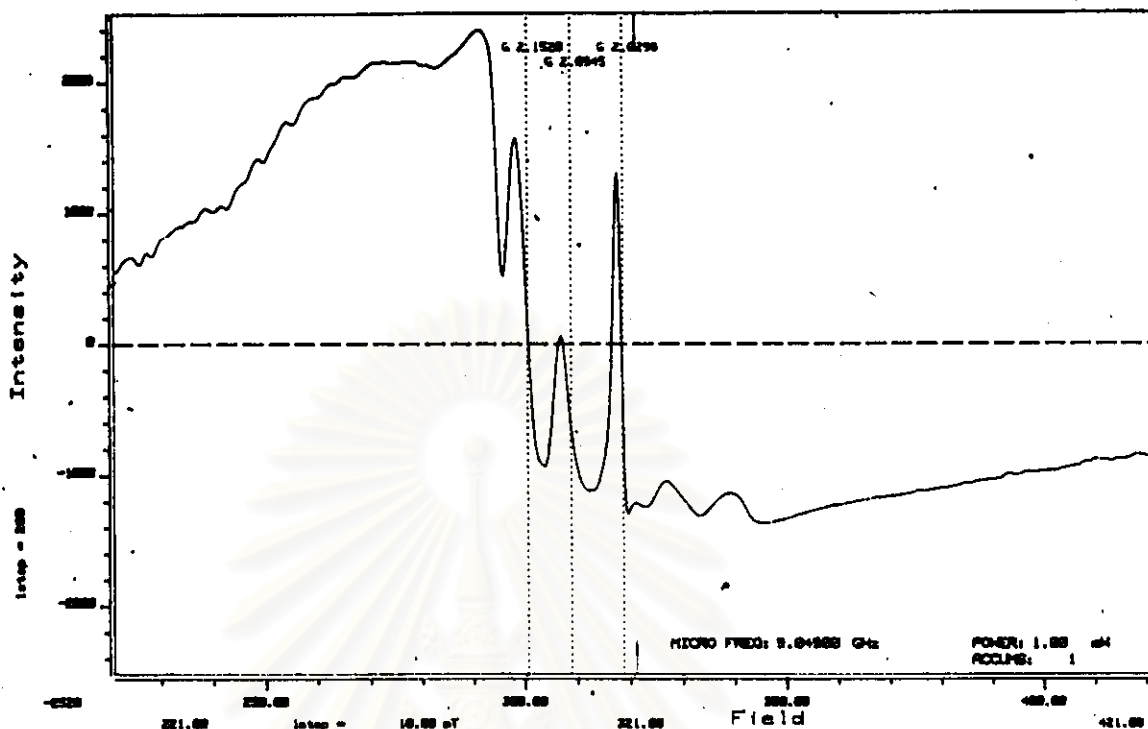
I-gingerA7

ESPRIT-425 V01.004 FILE:I-gingerA7
 28/7/13 2:52:33 BY: T. Manop
 C.FIELD: 321.000 mT SLOW SWEEP time 0h 0m 30s
 GMP MID: 1.0 x100 mT MOD FREQ: 100 MHz MODE: 1st
 MOD MID: 0.32 mT PPHASE: 0 (degree) VOL: 2408
 AMPLTD: 2 x1000 TDE CMT: 0.00



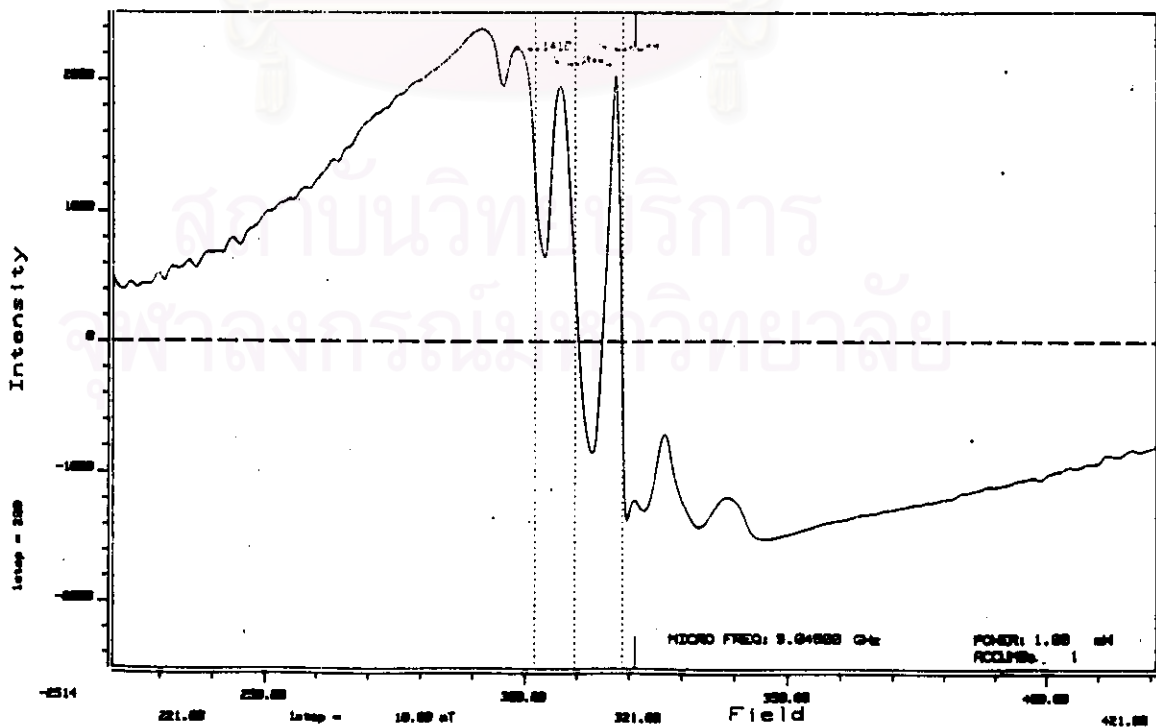
C-gingerA10

ESPRIT-425 V01.004 FILE:C-gingerA10
 30/7/13 5:28:3 BY: T. Manop
 C.FIELD: 321.000 mT SLOW SWEEP time On On 30s
 SWP MOD: 1.0 x1000 mT MOD FREQ: 100 kHz MODE: 1st
 MOD MOD: 0.32 mT PPMSE: 0 (degree) VOL: 2487
 AMPLTD: 2 x1000 TDC OFFSET: 0.00



I-gingerA10

ESPRIT-425 V01.004 FILE:I-gingerA10
 30/7/13 5:33:10 BY: T. Manop
 C.FIELD: 321.000 mT SLOW SWEEP time On On 30s
 SWP MOD: 1.0 x1000 mT MOD FREQ: 100 kHz MODE: 1st
 MOD MOD: 0.32 mT PPMSE: 0 (degree) VOL: 2487
 AMPLTD: 2 x1000 TDC OFFSET: 0.00

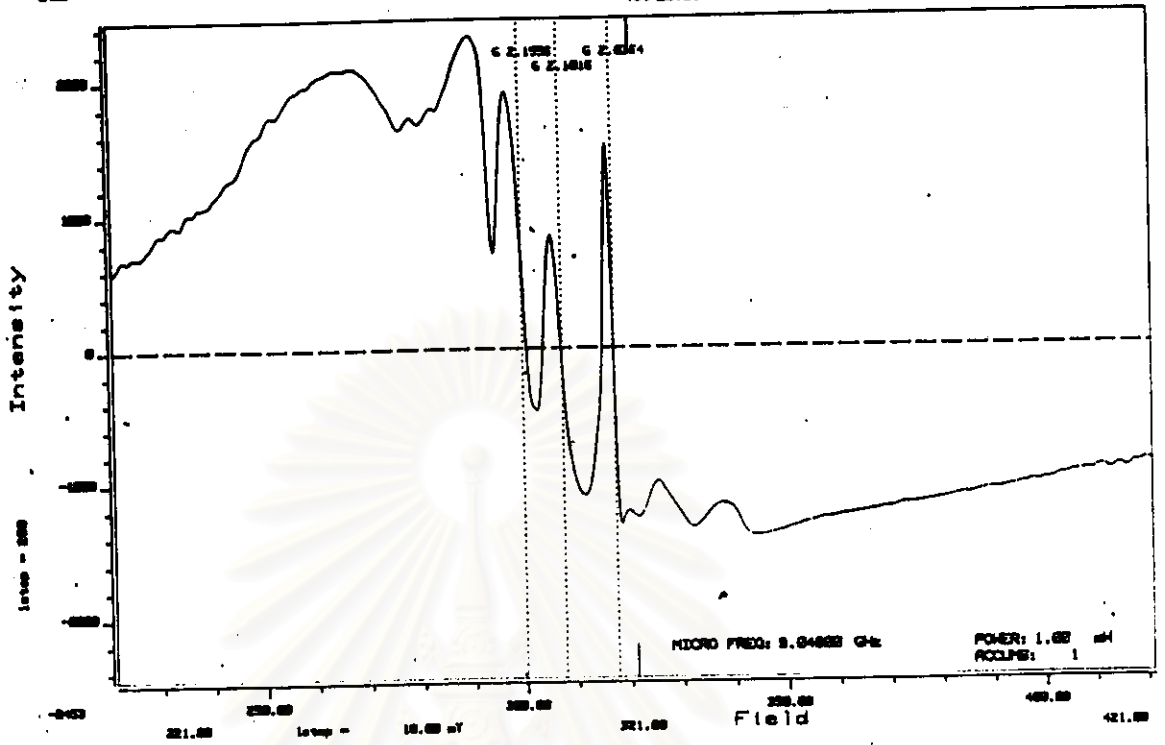


C-gingerA15

ESPRIT-425 V01.004 FILE:C-gingerA14

06/ 7/13 11:47:23 BY: T. Harup

C.FIELD: 321.000 mT SLOW SWEEP time 0h 0m 30s
SWP MID: 1.0 x1000 mT MOD FREQ: 100 MHz MODE: 1st
MOD MID: 0.32 mT PPMER: 0 (degrees) VOL: 2467
AMPLTD: 2 x1000 TDE CMT: 0.00

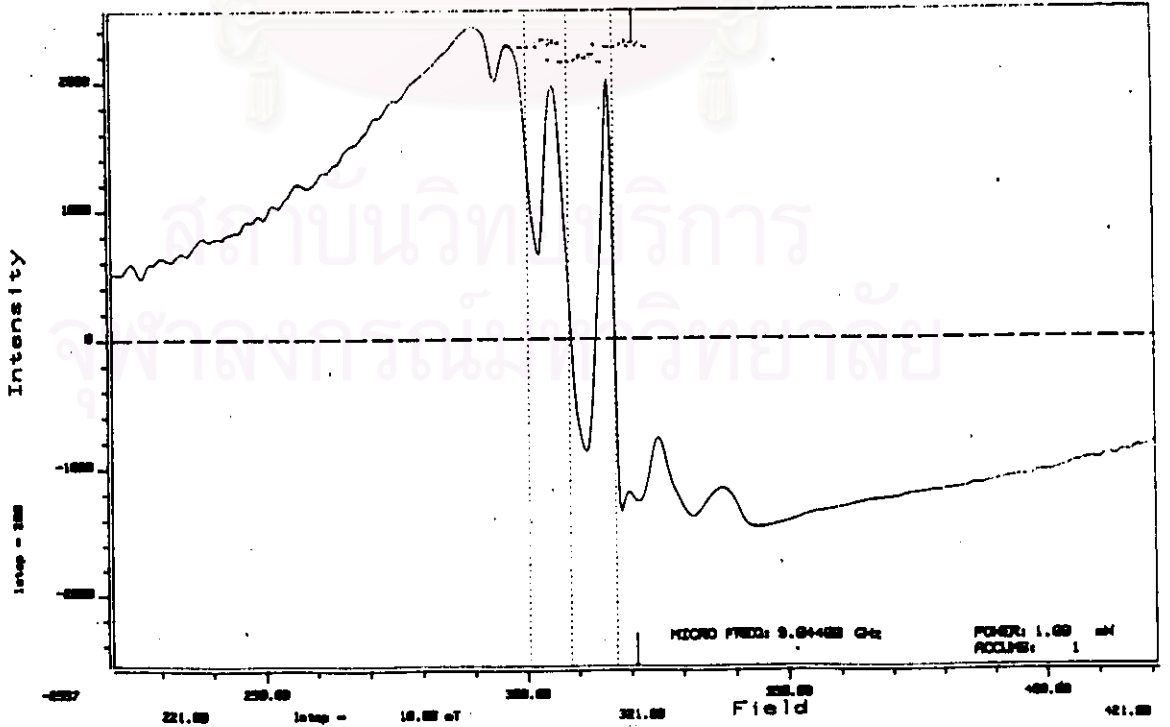


I-gingerA15

ESPRIT-425 V01.004 FILE:I-gingerA14

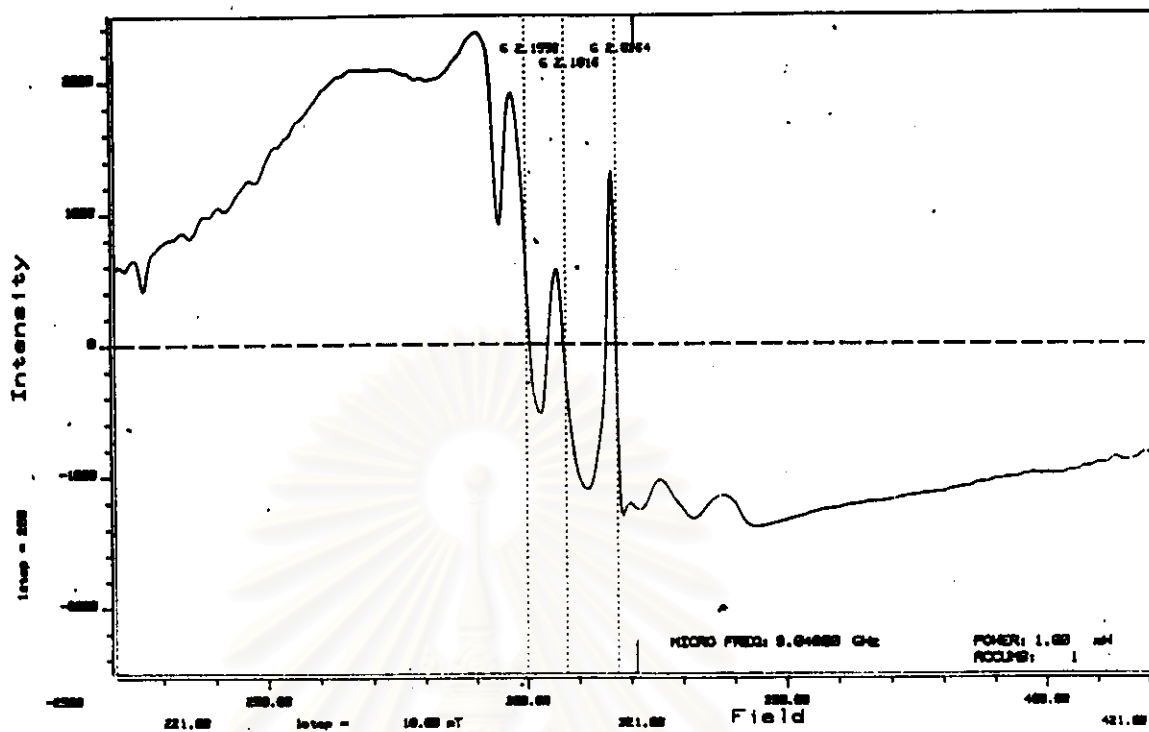
06/ 7/13 11:51:27 BY: T. Harup

C.FIELD: 321.000 mT SLOW SWEEP time 0h 0m 30s
SWP MID: 1.0 x1000 mT MOD FREQ: 100 MHz MODE: 1st
MOD MID: 0.32 mT PPMER: 0 (degrees) VOL: 2467
AMPLTD: 2 x1000 TDE CMT: 0.00



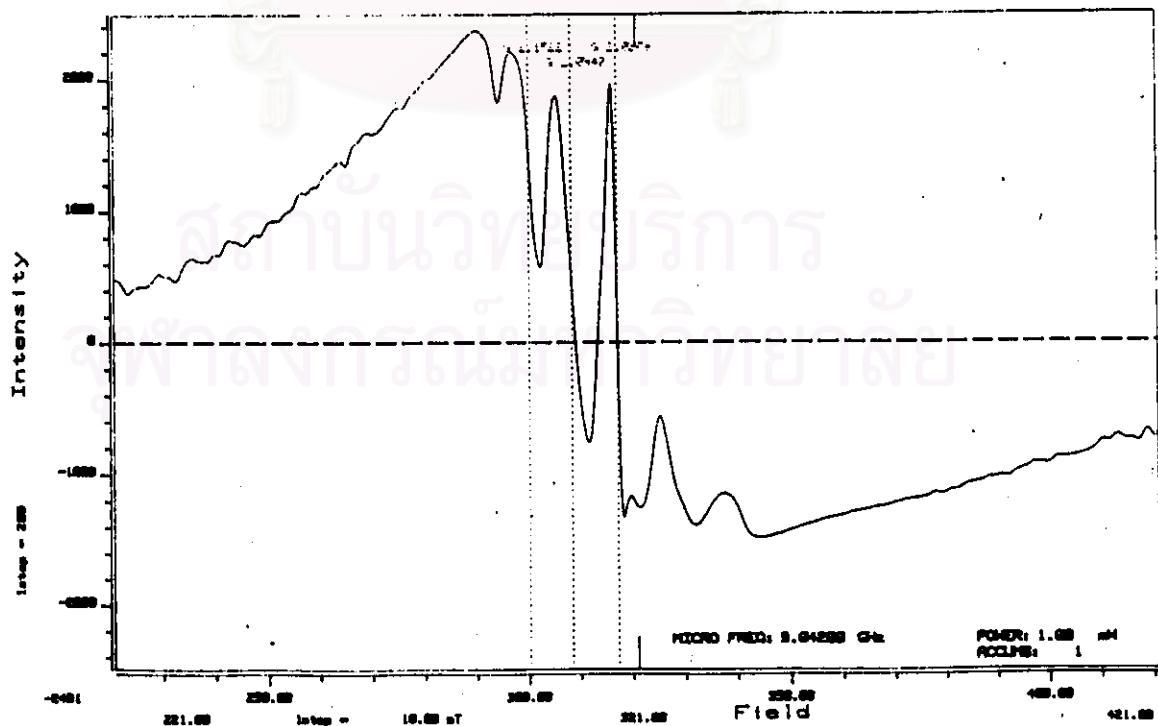
C-gingerA29

ESPRIT-425 V01.004 FILE:C-gingerA29
 06/ 7/13 23:14:32 BY: T. Harop
 C.FIELD: 321.000 mT SLOW SWEEP time: 0h 0m 30s
 SWP MID: 1.0 x1000 mT MOD FREQ: 100 kHz MODE: 1st
 MOD MID: 0.20 mT PPM: 0 (degrees) VOL: 2400
 AMPLITUDE: 2 x10000 TIME OUT: 0.00



I-gingerA29

ESPRIT-425 V01.004 FILE:I-gingerA29
 06/ 7/13 23:15:33 BY: T. Harop
 C.FIELD: 321.000 mT SLOW SWEEP time: 0h 0m 30s
 SWP MID: 1.0 x1000 mT MOD FREQ: 100 kHz MODE: 1st
 MOD MID: 0.20 mT PPM: 0 (degrees) VOL: 2400
 AMPLITUDE: 2 x10000 TIME OUT: 0.00





ประวัติผู้เขียน

นายกำพล เต๋พานิช เกิดเมื่อวันที่ 2 พฤศจิกายน พ.ศ.2513 ที่อำเภอเมือง จังหวัดชลบุรี จบ
การศึกษาระดับปริญญาตรีจากภาควิชารังสีประยุกต์และไอโซโทป คณะวิทยาศาสตร์ มหาวิทยาลัย
เกษตรศาสตร์ ในปี 2536 จากนั้นเข้าศึกษาต่อที่ ภาควิชานิวเคลียร์เทคโนโลยี คณะวิศวกรรมศาสตร์
จุฬาลงกรณ์มหาวิทยาลัยในปี พ.ศ.2537



สถาบันวิทยบริการ
จุฬาลงกรณ์มหาวิทยาลัย