

200

FX

CHART NO.

SAMPLE 105/

okadaic acid

tri-benzyl derivative

(F) 7-6

SOLVENT  $\text{CDCl}_3$  TUBE 5 mm

CONCENTRATION

REFERENCE

TEMPERATURE

NUCLEUS

OBS.

LOCK  D  F  H ( )

T.R.

OFFSET

OBS. \_\_\_\_\_ KHZ

T.R. \_\_\_\_\_ KHZ

PULSE  SINGLE  MULTIWIDTH \_\_\_\_\_  $\mu\text{SEC.}$  ( )<sup>o</sup>

INTERVAL \_\_\_\_\_ SEC.

REPETITION \_\_\_\_\_ SEC.

DATA POINTS

WINDOW

NO. OF PULSES

SPECTRAL WIDTH \_\_\_\_\_ Hz

RF GAIN

AMPLITUDE

DECOUPLING

 CW  NOISE  PARTIAL HOMO  HETERO ( )

POWER \_\_\_\_\_

LOCK

RF LEVEL \_\_\_\_\_

RF GAIN \_\_\_\_\_

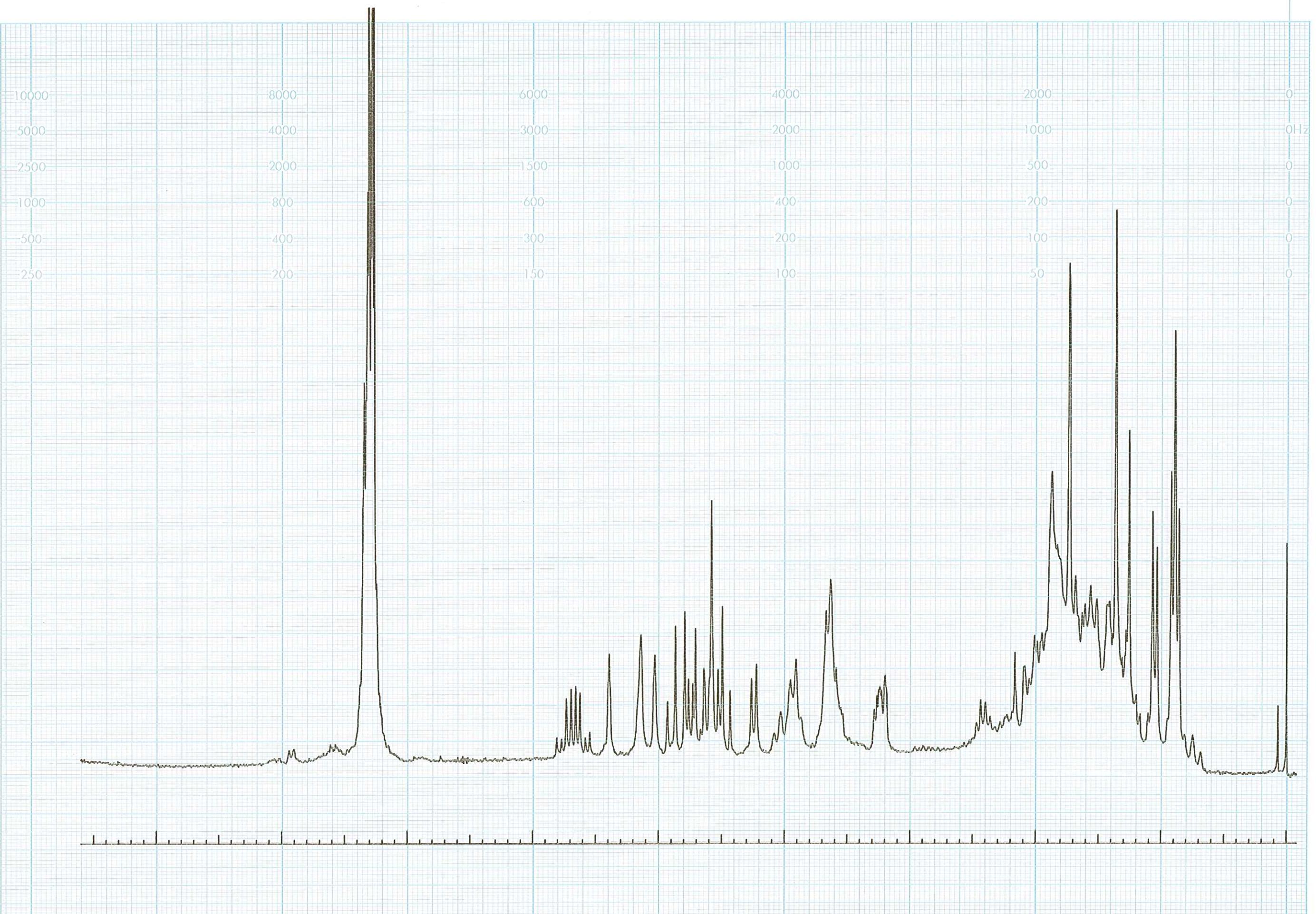
AMPLITUDE \_\_\_\_\_

DATE 9/21/85

OPERATOR

REMARKS

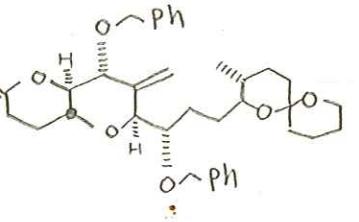
012331


**JEOL LTD.**


FX 200

CHART NO.

SAMPLE 1029



(R) 6-27

SOLVENT  $\text{CDCl}_3$  TUBE 5 mm

CONCENTRATION

REFERENCE

TEMPERATURE

## NUCLEUS

OBS.

LOCK  D  F  H ( )

T.R.R.

## OFFSET

OBS.

T.R.R.

PULSE  SINGLE  MULTIWIDTH  $\mu\text{SEC.}$  ( )

INTERVAL SEC.

REPETITION SEC.

## DATA POINTS

WINDOW

NO. OF PULSES

## SPECTRAL WIDTH Hz

RF GAIN

AMPLITUDE

## DECOUPLING

 CW  NOISE  PARTIAL HOMO  HETERO ( )

POWER

## LOCK

RF LEVEL

RF GAIN

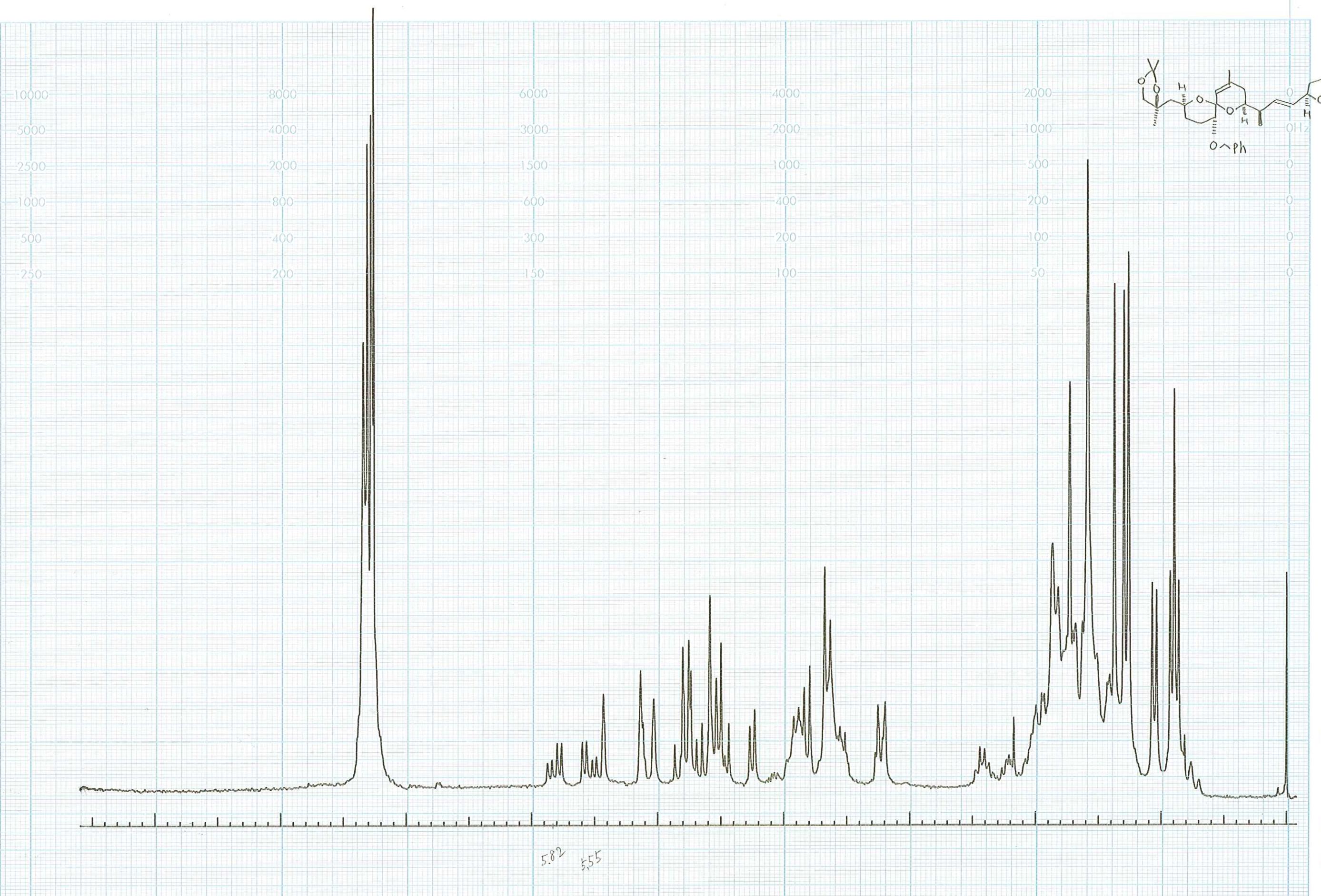
AMPLITUDE

DATE 2/10 '85

OPERATOR

REMARKS

009009



FX 200

CHART NO.

SAMPLE

XE X4

(F) 6-27

SOLVENT \_\_\_\_\_ TUBE \_\_\_\_\_ mm  
 CONCENTRATION \_\_\_\_\_  
 REFERENCE \_\_\_\_\_  
 TEMPERATURE \_\_\_\_\_

## NUCLEUS

OBS. \_\_\_\_\_  
 LOCK  D  F  H (\_\_\_\_)

T.R.R. \_\_\_\_\_

## OFFSET

OBS. \_\_\_\_\_ kHz  
 T.R.R. \_\_\_\_\_ kHz

PULSE  SINGLE  MULTI  
 WIDTH \_\_\_\_\_  $\mu$ SEC. (\_\_\_\_)  
 INTERVAL \_\_\_\_\_ SEC.  
 REPETITION \_\_\_\_\_ SEC.

## DATA POINTS

WINDOW \_\_\_\_\_  
 NO. OF PULSES \_\_\_\_\_

## SPECTRAL WIDTH \_\_\_\_\_ Hz

RF GAIN \_\_\_\_\_

AMPLITUDE \_\_\_\_\_

## DECOUPLING

CW  NOISE  PARTIAL  
 HOMO  HETERO (\_\_\_\_)

POWER \_\_\_\_\_

## LOCK

RF LEVEL \_\_\_\_\_

RF GAIN \_\_\_\_\_

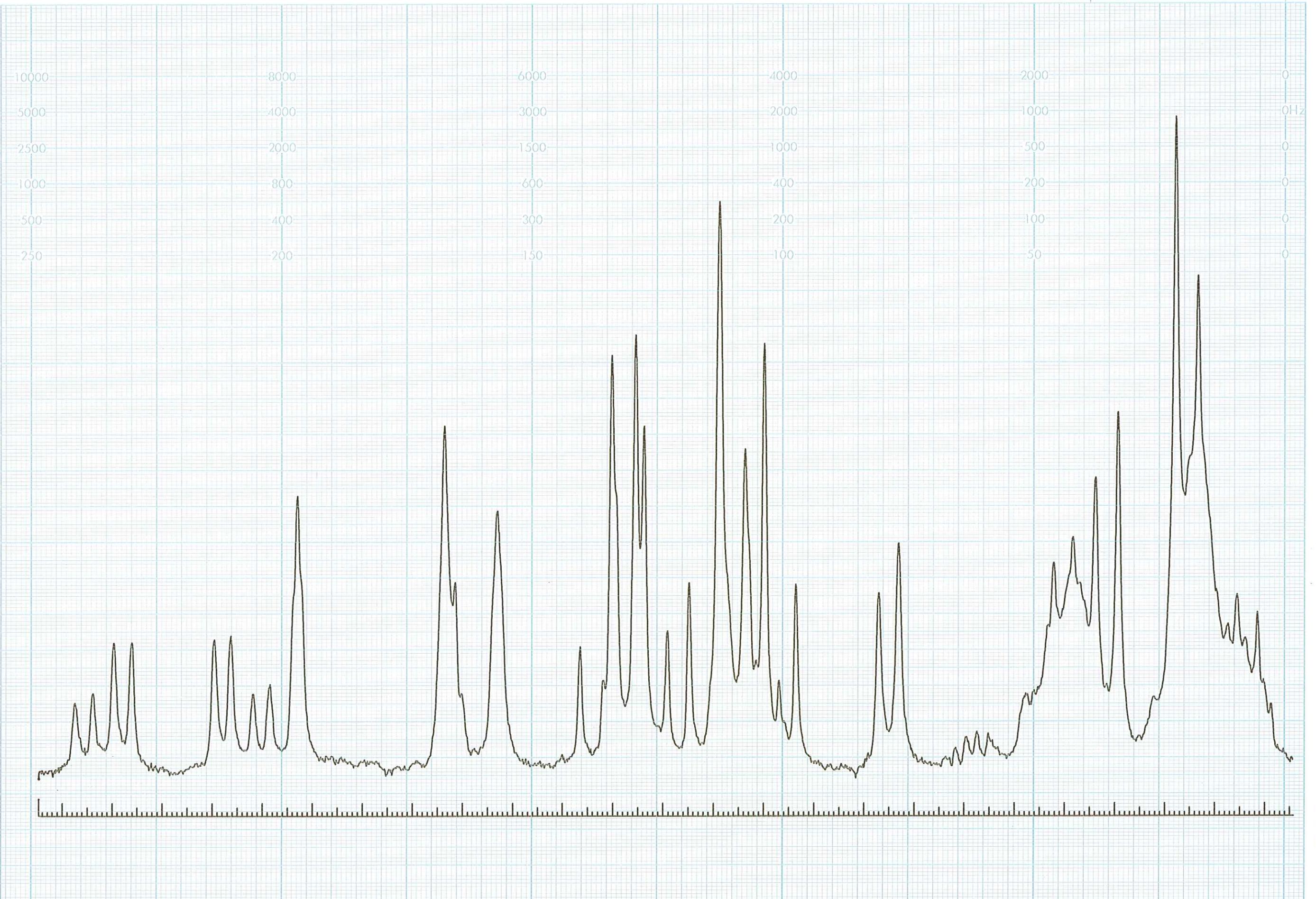
AMPLITUDE \_\_\_\_\_

DATE 2/10 '85

OPERATOR \_\_\_\_\_

REMARKS \_\_\_\_\_

009010


 JEOL LTD.


FX 200

CHART NO.

SAMPLE

(F) 6-27

SOLVENT TUBE mm

CONCENTRATION

REFERENCE

TEMPERATURE

NUCLEUS

OBS.

LOCK

T.R.R.

OFFSET

OBS.

T.R.R.

PULSE  SINGLE  MULTI

WIDTH

INTERVAL

REPETITION

DATA POINTS

WINDOW

NO. OF PULSES

SPECTRAL WIDTH Hz

RF GAIN

AMPLITUDE

DECOUPLING

 CW NOISE PARTIAL HOMO HETERO

( )

POWER

LOCK

RF LEVEL

RF GAIN

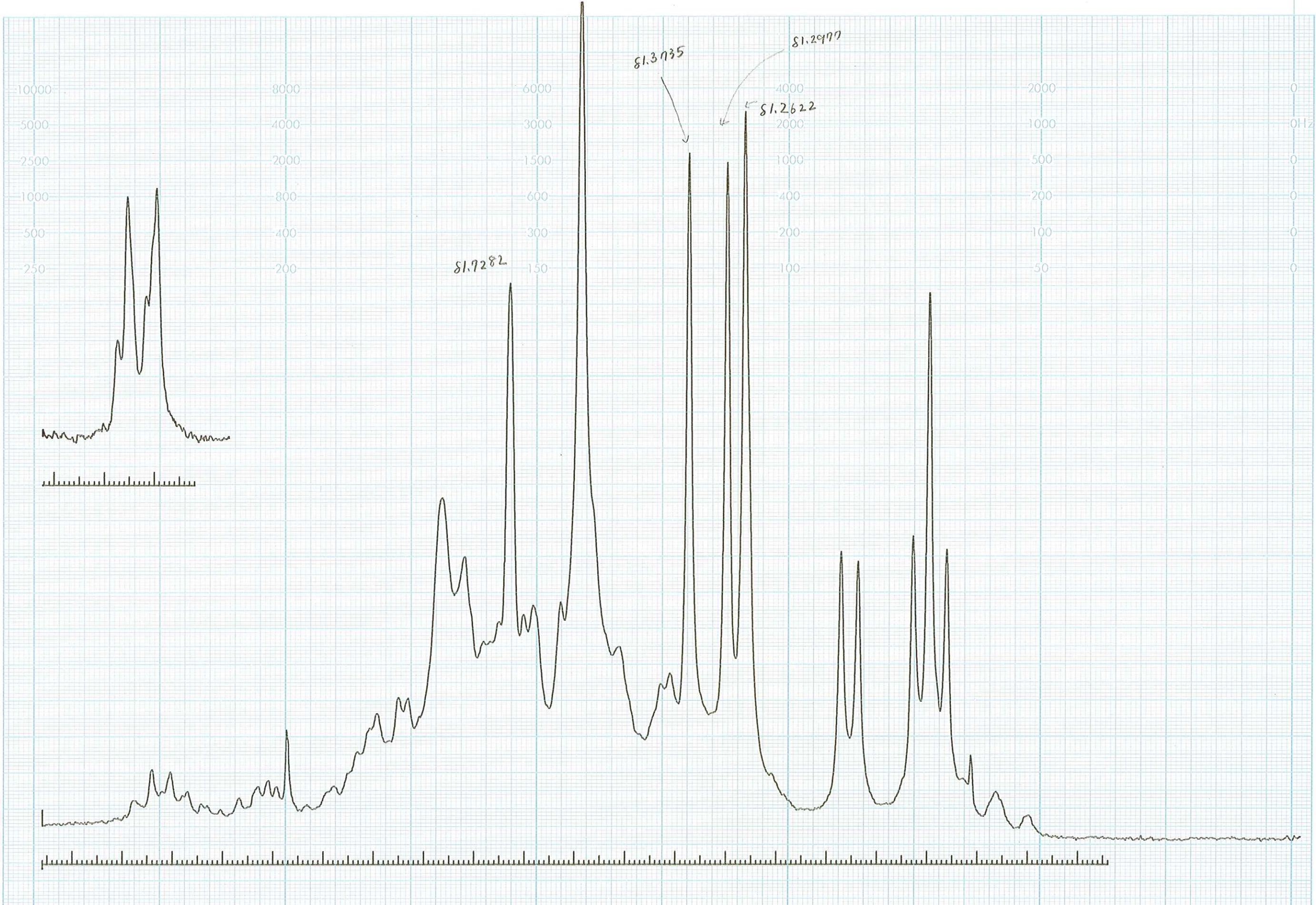
AMPLITUDE

DATE 2/10 185

OPERATOR

REMARKS

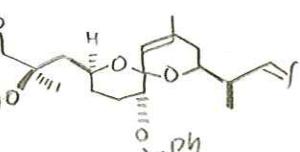
009011



FX 200

CHART NO.

SAMPLE 1087



O.A.  $\xrightarrow[3) \text{UAH}]{\substack{1) \text{Ph}_3\text{B}(\text{NaH} \\ 2) \text{CH}_2\text{N}_2}$  7-4

SOLVENT  $\text{C}_12\text{D}_3$  TUBE 5 mm

CONCENTRATION \_\_\_\_\_

REFERENCE \_\_\_\_\_

TEMPERATURE \_\_\_\_\_

## NUCLEUS

OBS. \_\_\_\_\_

LOCK  LID  F  H ( )

T.R.R. \_\_\_\_\_

## OFFSET

OBS. \_\_\_\_\_ KHZ

T.R.R. \_\_\_\_\_ KHZ

PULSE  SINGLE  MULTI

WIDTH \_\_\_\_\_ USEC. ( )

INTERVAL \_\_\_\_\_ SEC.

REPETITION \_\_\_\_\_ SEC.

## DATA POINTS \_\_\_\_\_

WINDOW \_\_\_\_\_

NO. OF PULSES \_\_\_\_\_

SPECTRAL WIDTH \_\_\_\_\_ Hz

RF GAIN \_\_\_\_\_

AMPLITUDE \_\_\_\_\_

## DECOUPLING

 CW  NOISE  PARTIAL HOMO  HETERO ( )

POWER \_\_\_\_\_

## LOCK

RF LEVEL \_\_\_\_\_

RF GAIN \_\_\_\_\_

AMPLITUDE \_\_\_\_\_

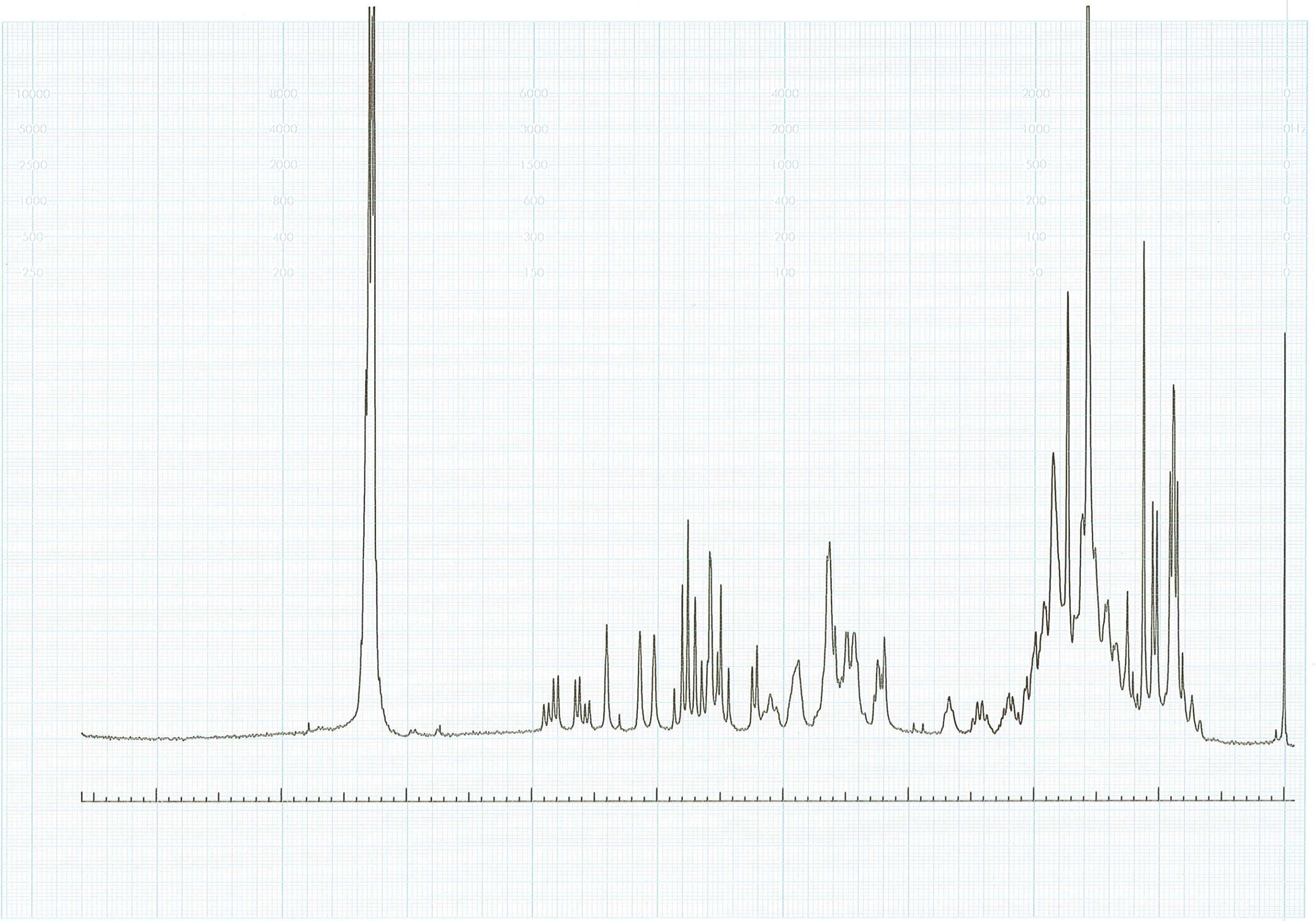
DATE 10/9 '85

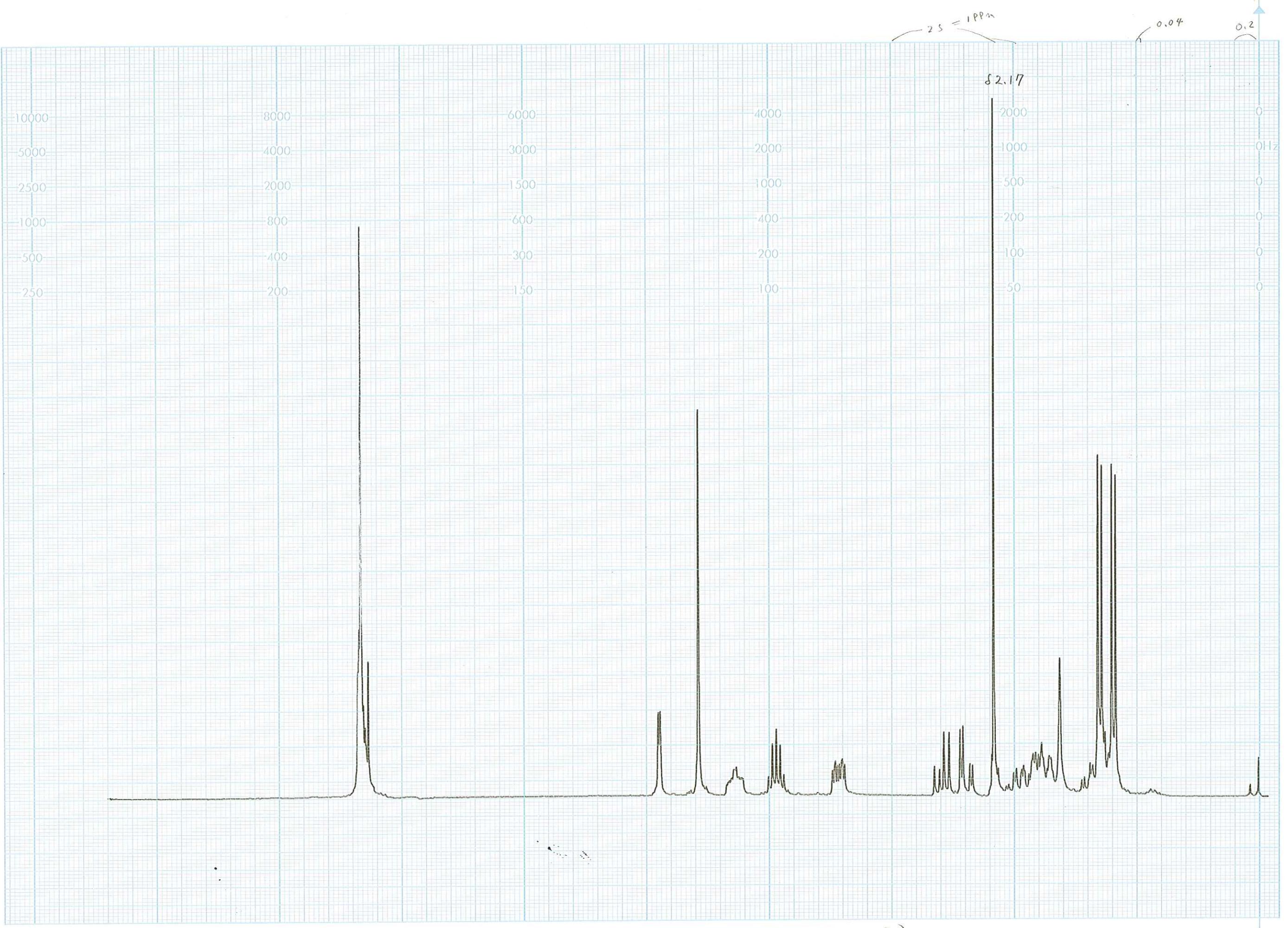
OPERATOR \_\_\_\_\_

REMARKS see 1045

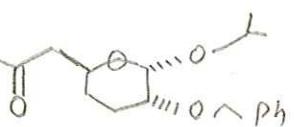
012890

JEOL LTD.





FX 200  
HART NO.  
AMPLE 14092



CDU 3 TUBE 5 mm  
CONCENTRATION \_\_\_\_\_  
DIFFERENCE \_\_\_\_\_  
TEMPERATURE \_\_\_\_\_

DATE 9/13 '85  
OPERATOR \_\_\_\_\_  
MARKS \_\_\_\_\_

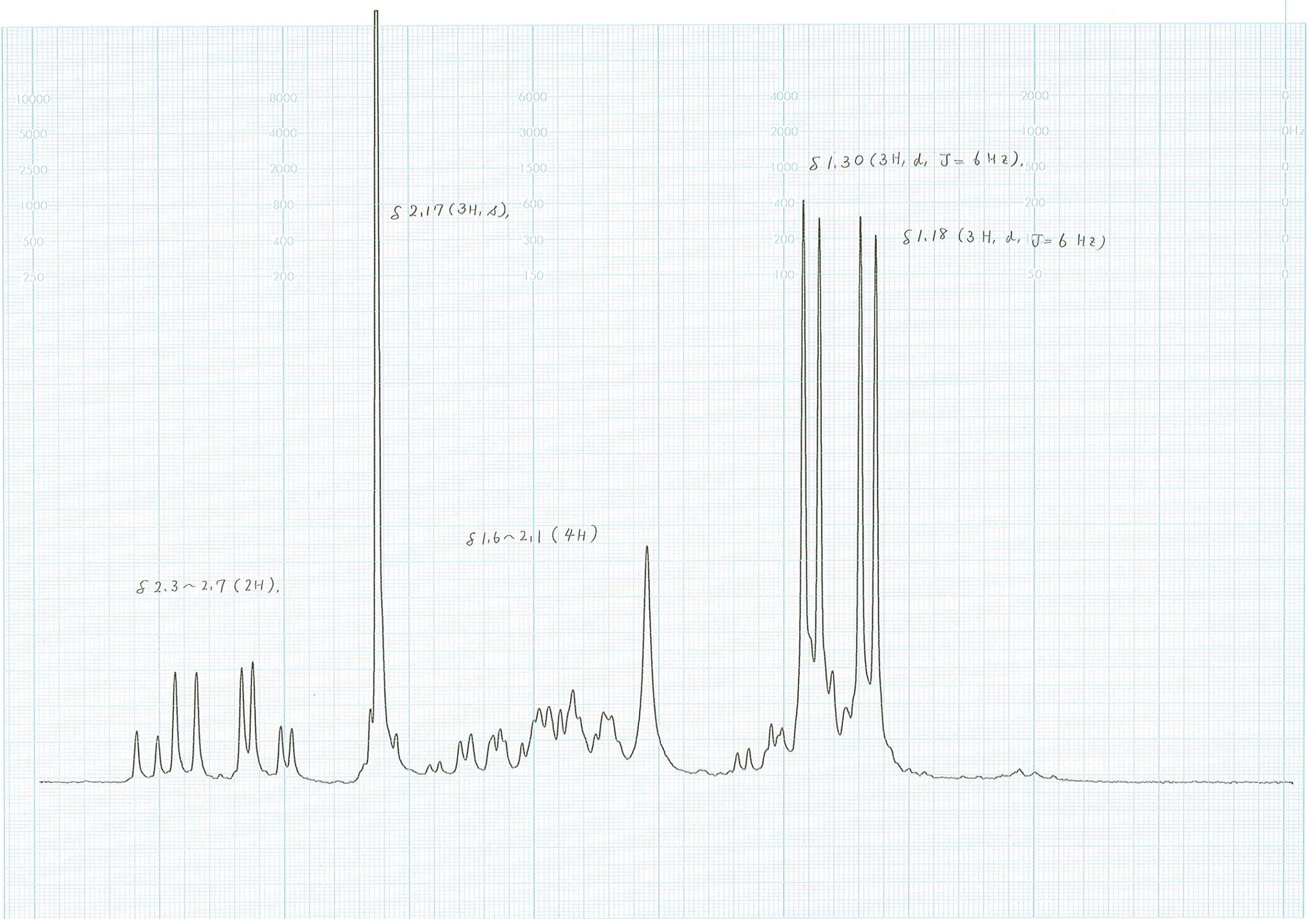
012158

JEOL LTD.

200

FX 260  
HART NO.  
SAMPLE 14092

7-1



SOLVENT \_\_\_\_\_ TUBE \_\_\_\_\_ mm  
CONCENTRATION \_\_\_\_\_  
REFERENCE \_\_\_\_\_  
TEMPERATURE \_\_\_\_\_

UCLEUS

FF SET.

## DATA POINTS

O. OF PULSES \_\_

### SPECTRAL WIDTH

MPLITUDE

## ECOUPING

OPERATOR

## MARKS

012160

IEOI LTD.

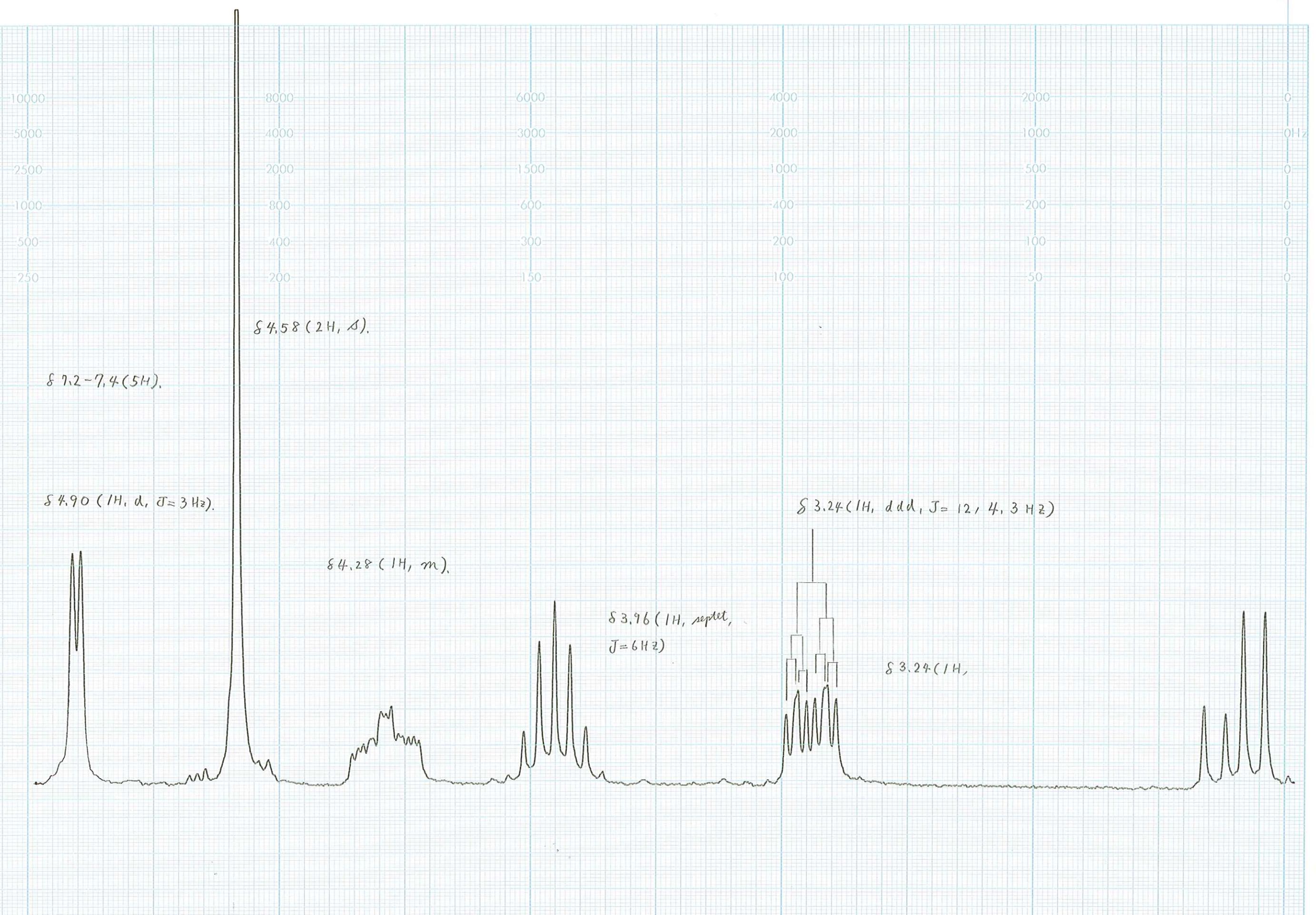
200

FX

CHART NO.

SAMPLE 14092

17-1



SOLVENT \_\_\_\_\_ TUBE \_\_\_\_\_ mm  
 CONCENTRATION \_\_\_\_\_  
 REFERENCE \_\_\_\_\_  
 TEMPERATURE \_\_\_\_\_

## NUCLEUS

OBS. \_\_\_\_\_  
 LOCK  D  F  H (\_\_\_\_\_)

T R.R. \_\_\_\_\_

## OFFSET

OBS. \_\_\_\_\_ KHZ

T R.R. \_\_\_\_\_ KHZ

PULSE  SINGLE  MULTI

WIDTH \_\_\_\_\_ μSEC. (\_\_\_\_\_)°

INTERVAL \_\_\_\_\_ SEC.

REPETITION \_\_\_\_\_ SEC.

## DATA POINTS

WINDOW \_\_\_\_\_

NO. OF PULSES \_\_\_\_\_

SPECTRAL WIDTH \_\_\_\_\_ Hz

RF GAIN \_\_\_\_\_

AMPLITUDE \_\_\_\_\_

## DECOUPLING

CW  NOISE  PARTIAL  
 HOMO  HETERO (\_\_\_\_\_)

POWER \_\_\_\_\_

## LOCK

RF LEVEL \_\_\_\_\_

RF GAIN \_\_\_\_\_

AMPLITUDE \_\_\_\_\_

DATE \_\_\_\_\_

OPERATOR \_\_\_\_\_

REMARKS \_\_\_\_\_

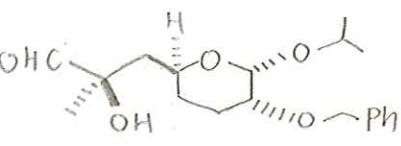
012159

JEOL LTD.

FX 200

CHART NO.

SAMPLE 104089



7-2

SOLVENT  $\text{CDCl}_3$  TUBE 5 mm  
 CONCENTRATION \_\_\_\_\_  
 REFERENCE \_\_\_\_\_  
 TEMPERATURE \_\_\_\_\_

## NUCLEUS

OBS. \_\_\_\_\_  
 LOCK  D  F  CH (\_\_\_\_)  
 T.R.R. \_\_\_\_\_

## OFFSET

OBS. \_\_\_\_\_ KHZ  
 T.R.R. \_\_\_\_\_ KHZ

PULSE  SINGLE  MULTI  
 WIDTH \_\_\_\_\_  $\mu\text{SEC.}$  (\_\_\_\_)  
 INTERVAL \_\_\_\_\_ SEC.  
 REPETITION \_\_\_\_\_ SEC.

## DATA POINTS

WINDOW \_\_\_\_\_

NO. OF PULSES \_\_\_\_\_

SPECTRAL WIDTH \_\_\_\_\_ Hz

RF GAIN \_\_\_\_\_

AMPLITUDE \_\_\_\_\_

## DECOUPLING

CW  NOISE  PARTIAL  
 HOMO  HETERO (\_\_\_\_)

POWER \_\_\_\_\_

## LOCK

RF LEVEL \_\_\_\_\_

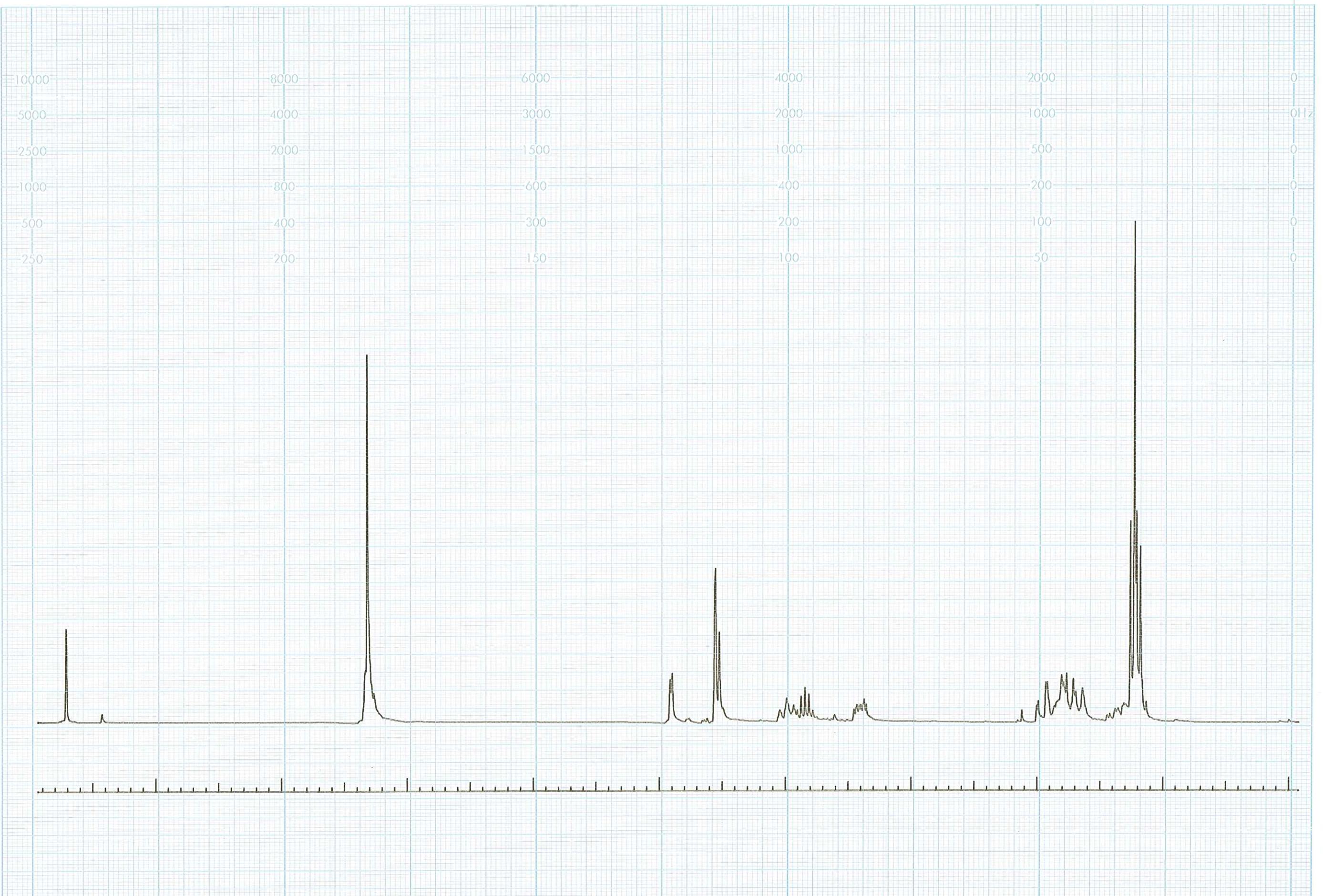
RF GAIN \_\_\_\_\_

AMPLITUDE \_\_\_\_\_

DATE 9/11 '85

OPERATOR \_\_\_\_\_

REMARKS \_\_\_\_\_



FX

CHART NO.  
SAMPLE

17~2

SOLVENT \_\_\_\_\_ TUBE \_\_\_\_\_ mm  
CONCENTRATION \_\_\_\_\_  
REFERENCE \_\_\_\_\_  
TEMPERATURE \_\_\_\_\_

## NUCLEUS

OBS. \_\_\_\_\_  
LOCK  D  F  H (\_\_\_\_) kHz

T R.R. \_\_\_\_\_

## OFFSET

OBS. \_\_\_\_\_ kHz  
T R.R. \_\_\_\_\_ kHzPULSE  SINGLE  MULTI  
WIDTH \_\_\_\_\_  $\mu$ SEC. (\_\_\_\_)  
INTERVAL \_\_\_\_\_ SEC.  
REPETITION \_\_\_\_\_ SEC.

## DATA POINTS

WINDOW \_\_\_\_\_  
NO. OF PULSES \_\_\_\_\_

SPECTRAL WIDTH \_\_\_\_\_ Hz

RF GAIN \_\_\_\_\_

AMPLITUDE \_\_\_\_\_

## DECOUPLING

 CW  NOISE  PARTIAL  
 HOMO  HETERO (\_\_\_\_)

POWER \_\_\_\_\_

## LOCK

RF LEVEL \_\_\_\_\_

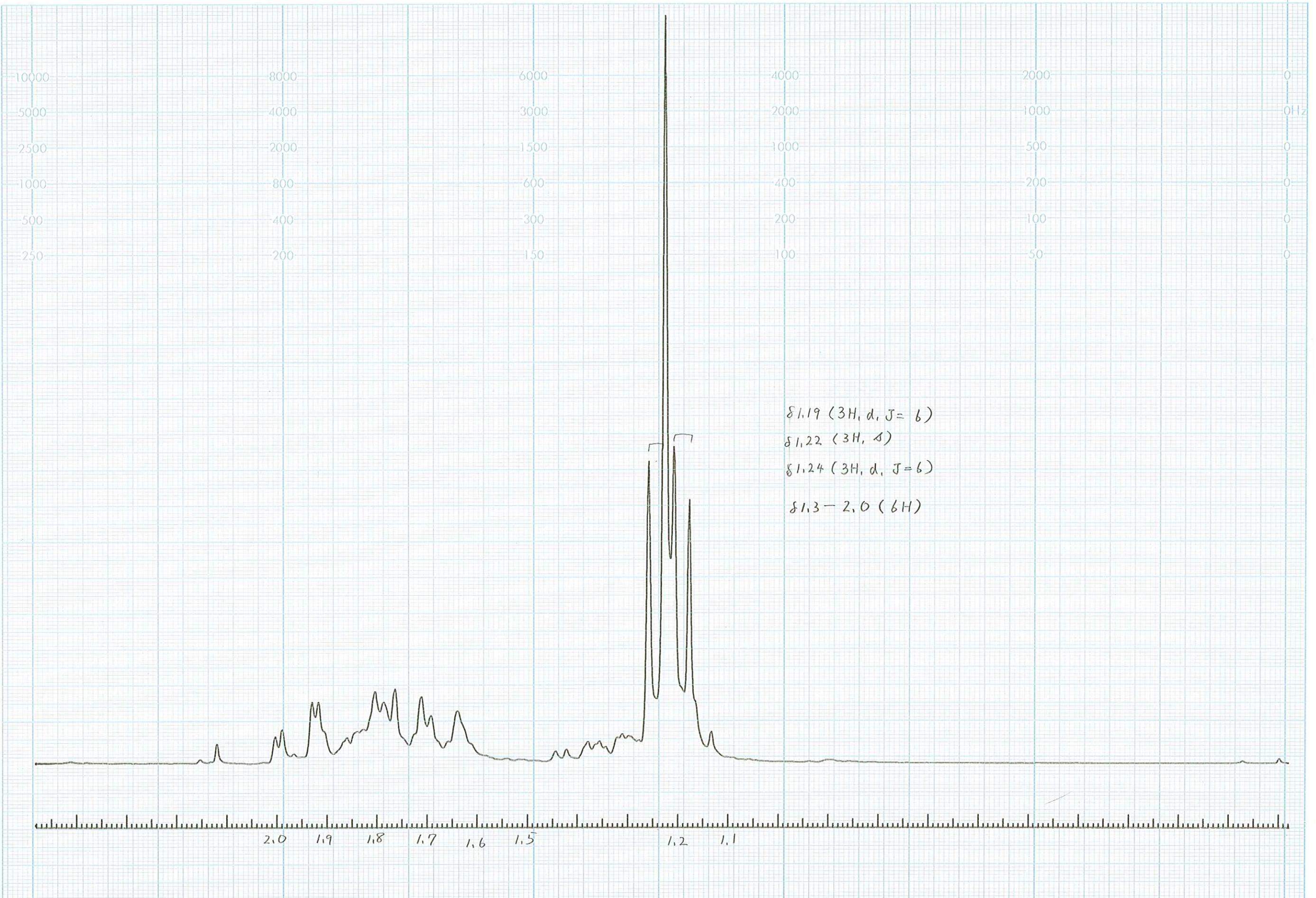
RF GAIN \_\_\_\_\_

AMPLITUDE \_\_\_\_\_

## DATE \_\_\_\_\_

OPERATOR \_\_\_\_\_

REMARKS \_\_\_\_\_

012109  
JEOL LTD.

FX 200

CHART NO.

SAMPLE

7-2

SOLVENT TUBE mm

CONCENTRATION

REFERENCE

TEMPERATURE

NUCLEUS

OBS. LOCK  D  F  H ( )FRR. 

OFFSET

OBS.  KHZFRR.  KHZPULSE  SINGLE  MULTIWIDTH  SEC. ( )INTERVAL  SEC.REPETITION  SEC.

DATA POINTS

WINDOW

NO. OF PULSES

SPECTRAL WIDTH

RF GAIN

AMPLITUDE

DECOUPLING

 CW  NOISE  PARTIAL HOMO  HETERO ( )POWER 

LOCK

RF LEVEL

RF GAIN

AMPLITUDE

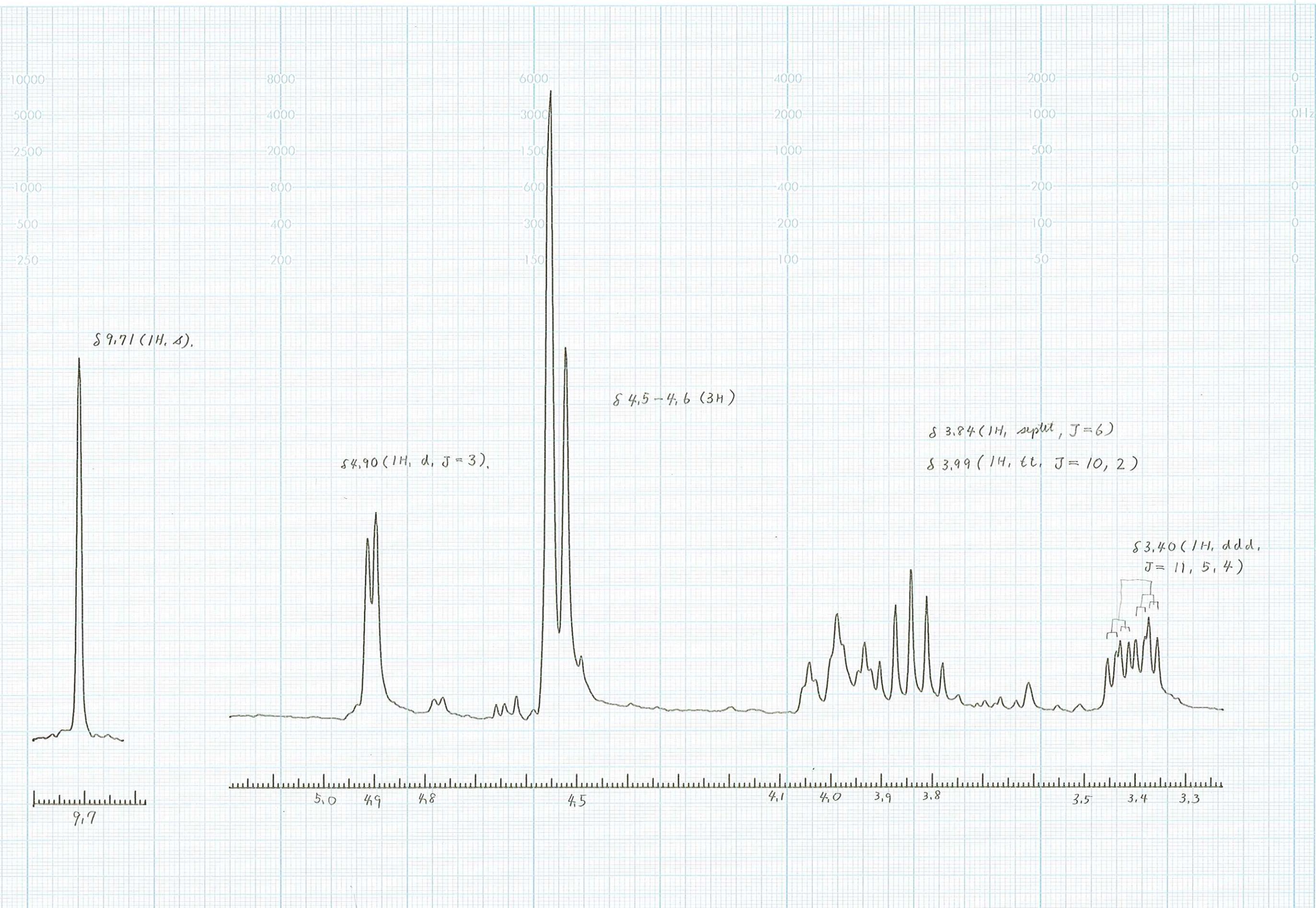
DATE 9/11 '85

OPERATOR

REMARKS

012108

JEOL LTD.

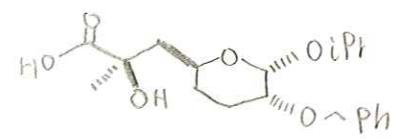


FX 200

CHART NO.

SAMPLE 12144

7-3

SOLVENT  $\text{CD}_3\text{O}_2$  TUBE 5 mm

CONCENTRATION

REFERENCE

TEMPERATURE

## NUCLEUS

OBS.

LOCK  D  F  H ( )

IRR.

## OFFSET

OBS.

IRR.

## PULSE

 SINGLE  MULTIWIDTH \_\_\_\_\_  $\mu\text{SEC}$ . ( )<sup>o</sup>

INTERVAL \_\_\_\_\_ SEC.

REPETITION \_\_\_\_\_ SEC.

## DATA POINTS

WINDOW

NO. OF PULSES

SPECTRAL WIDTH \_\_\_\_\_ Hz

RF GAIN

AMPLITUDE

## DECOUPLING

 CW  NOISE  PARTIAL HOMO  HETERO ( )<sup>o</sup>

POWER

## LOCK

RF LEVEL

RF GAIN

AMPLITUDE

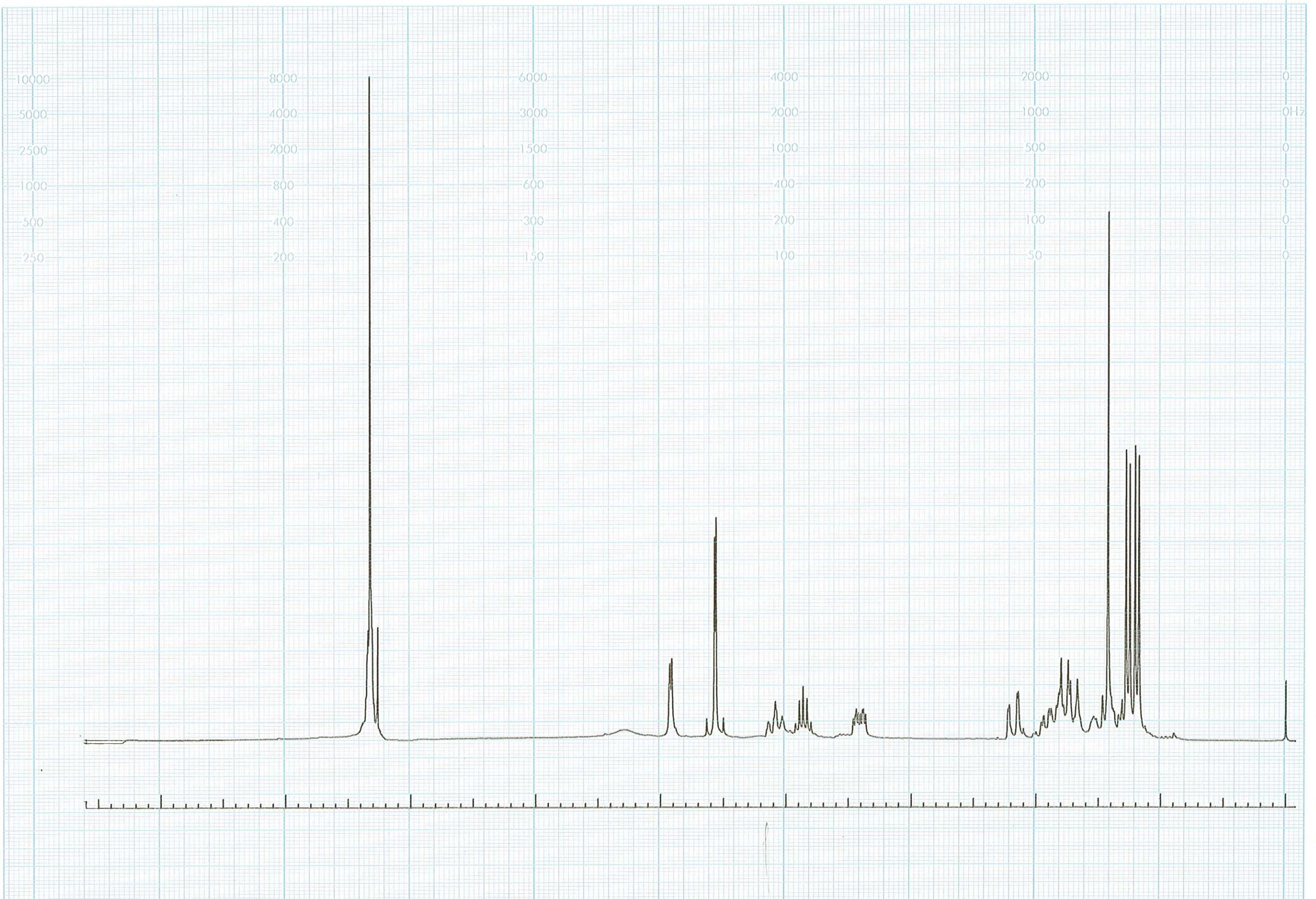
DATE 3/18/85

OPERATOR

REMARK 00954



JEOL LTD.

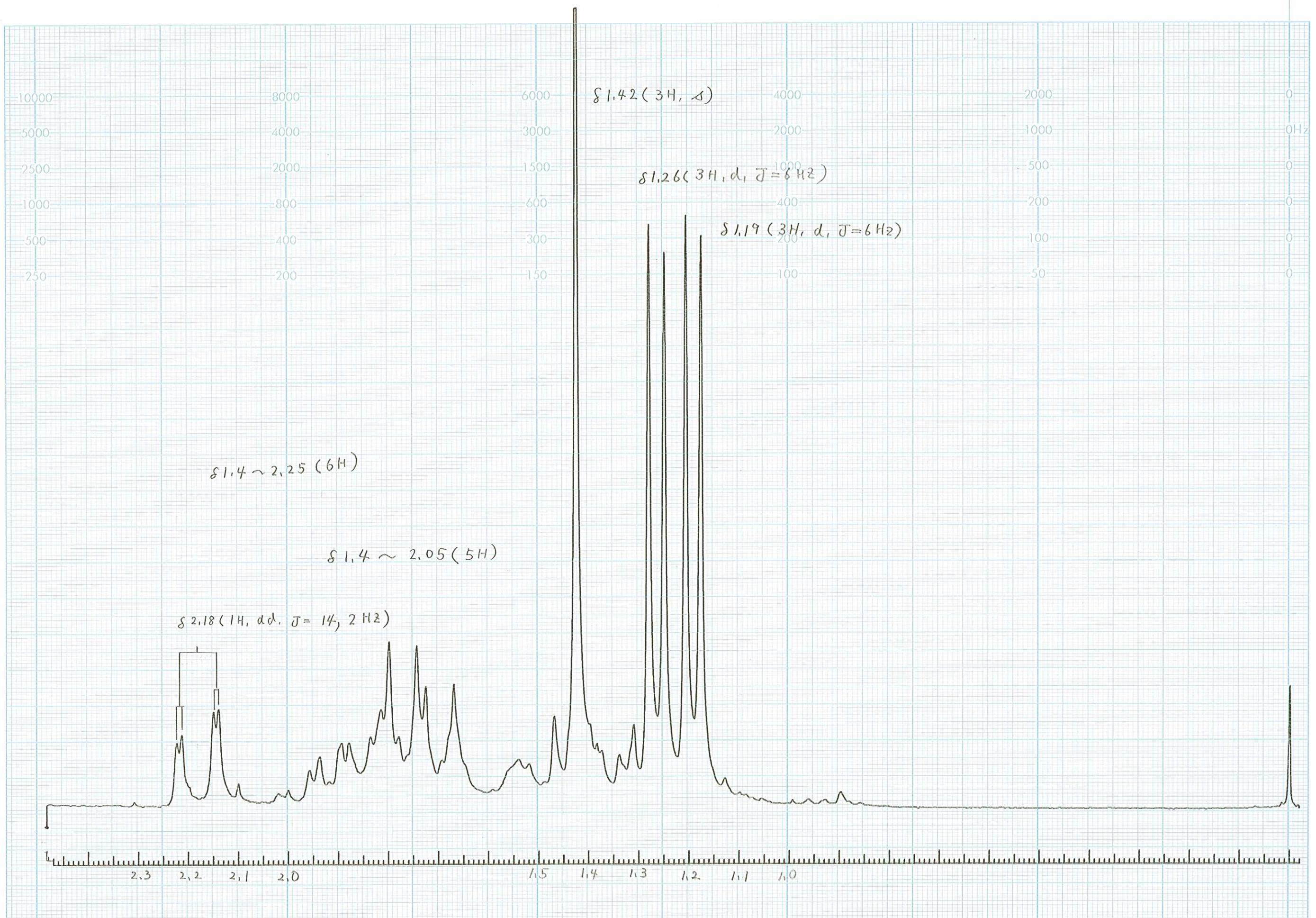


X 200

HART NO.

AMPLE 12144

7-3



SOLVENT \_\_\_\_\_ TUBE \_\_\_\_\_ mm  
CONCENTRATION \_\_\_\_\_  
REFERENCE \_\_\_\_\_  
TEMPERATURE \_\_\_\_\_

NUCLEUS

## OFFSET

PULSE  SINGLE  MULTI

SPECTRAL WIDTH \_\_\_\_\_ Hz

AMPLITUDE \_\_\_\_\_

340 350

DATE 3/18 '83



IEOL LTD

FX 200

CHART NO.  
SAMPLE 12144

7-3

SOLVENT TUBE mm  
CONCENTRATION  
REFERENCE  
TEMPERATURE

## NUCLEUS

OBS.   
LOCK  D  F  TH ( )  
I.R.R. 

## OFFSET

OBS.  KHZ  
I.R.R.  KHZPULSE  SINGLE  MULTI  
WIDTH  μSEC. ( )°  
INTERVAL  SEC.  
REPETITION  SEC.DATA POINTS  
WINDOW  
NO. OF PULSESSPECTRAL WIDTH HZ  
RF GAIN   
AMPLITUDE 

## DECOUPLING

 CW  NOISE  PARTIAL  
 HOMO  HETERO ( )  
POWER 

## LOCK

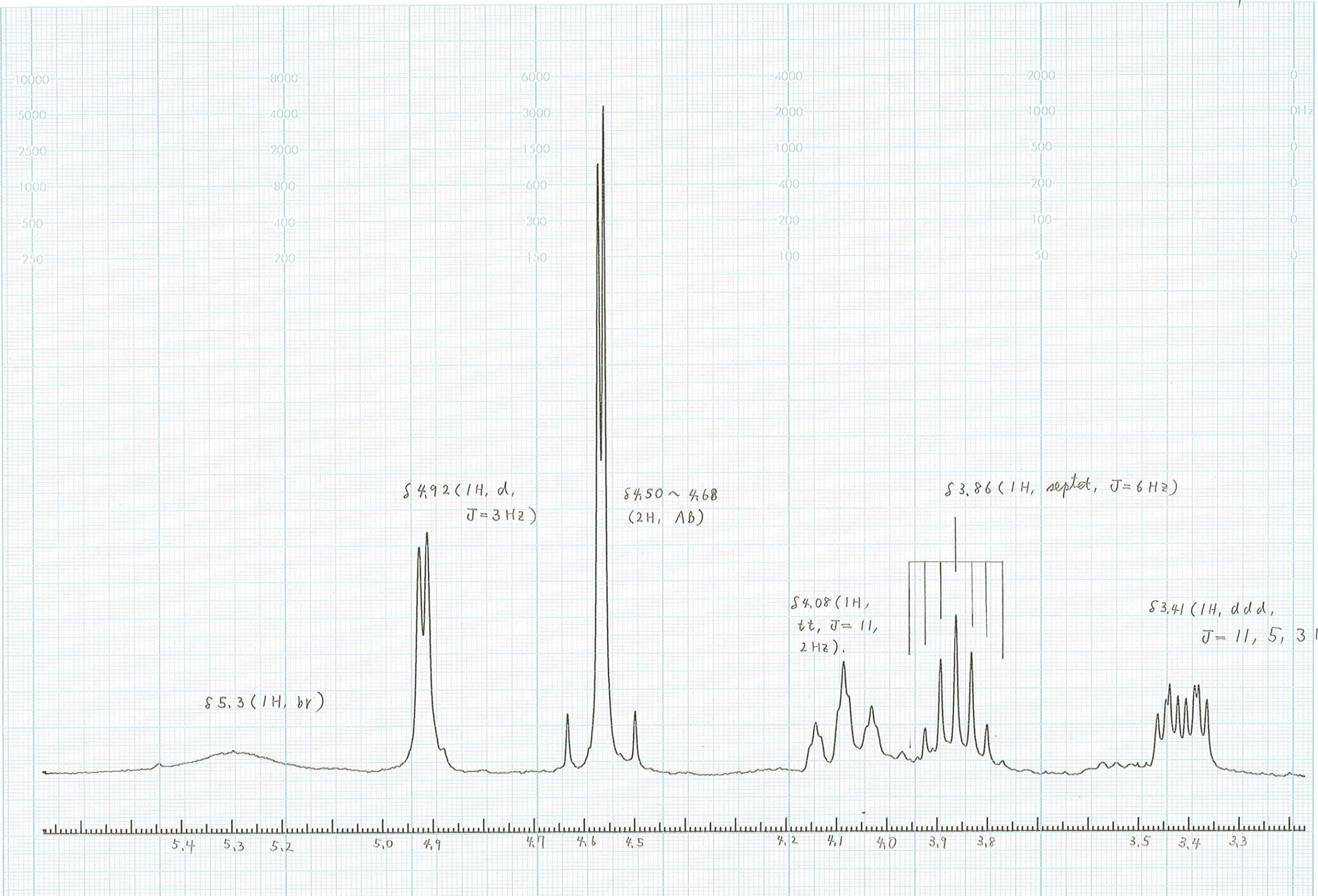
RF LEVEL   
RF GAIN   
AMPLITUDE 

DATE 3/18/85

OPERATOR

REMARK 009551

XE X4

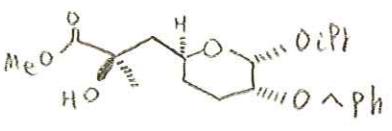


FX 200

CHART NO.

SAMPLE 12127

7-3'

SOLVENT  $\text{CDCl}_3$  TUBE 5 mm

CONCENTRATION

REFERENCE

TEMPERATURE

NUCLEUS

OBS. \_\_\_\_\_

LOCK FID L1E F1H ( )

IRR. \_\_\_\_\_

OFFSET \_\_\_\_\_

OBS. \_\_\_\_\_ KHZ

IRR. \_\_\_\_\_ KHZ

PULSE  SINGLE  MULTIWIDTH \_\_\_\_\_  $\mu\text{SEC}$ . ( )

INTERVAL \_\_\_\_\_ SEC.

REPETITION \_\_\_\_\_ SEC.

DATA POINTS \_\_\_\_\_

WINDOW \_\_\_\_\_

NO. OF PULSES \_\_\_\_\_

SPECTRAL WIDTH \_\_\_\_\_ Hz

RF GAIN \_\_\_\_\_

AMPLITUDE \_\_\_\_\_

DECOUPLING

 CW  NOISE  PARTIAL HOMO  HETERO ( )

POWER \_\_\_\_\_

LOCK

RF LEVEL \_\_\_\_\_

RF GAIN \_\_\_\_\_

AMPLITUDE \_\_\_\_\_

DATE 3/11 '85

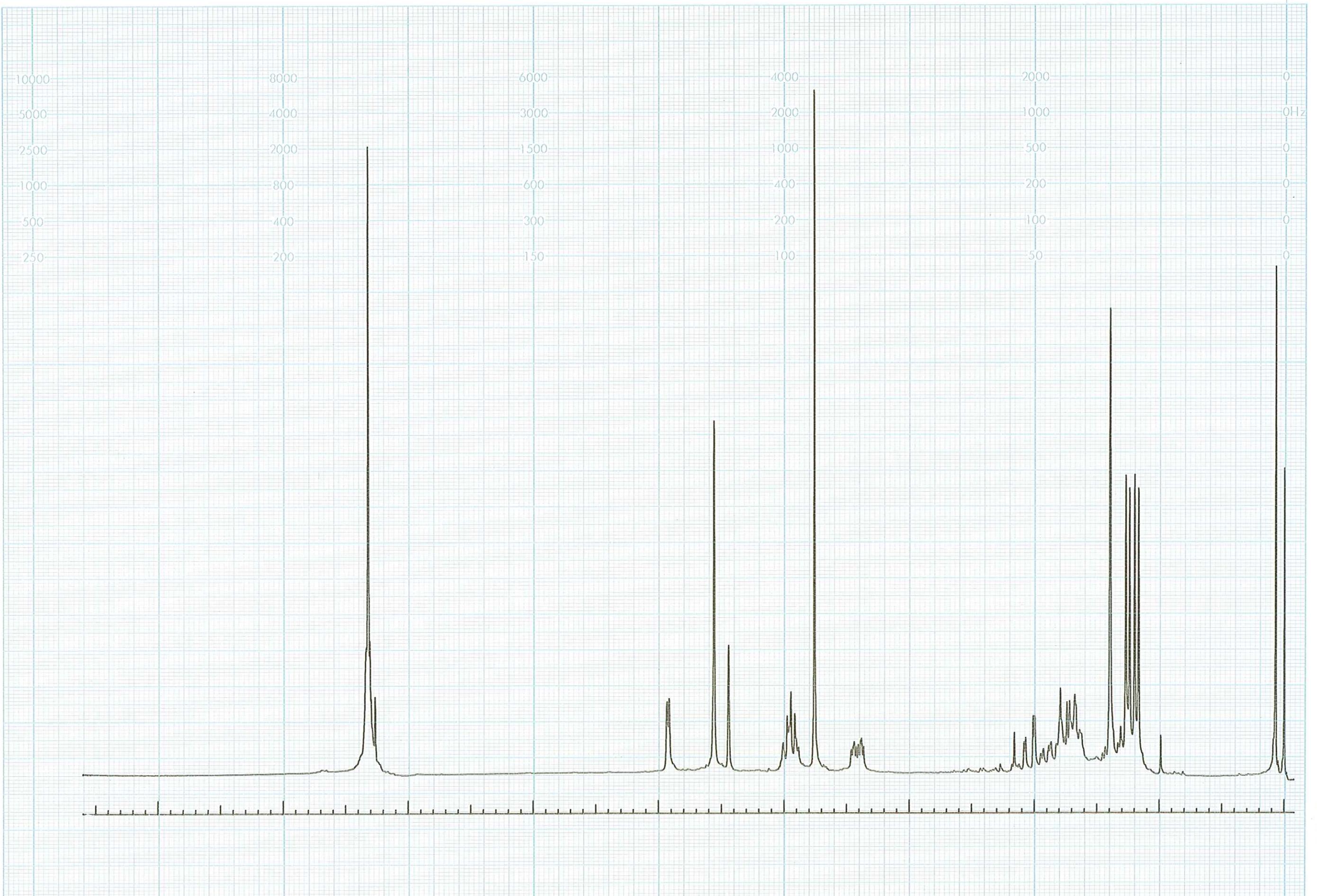
OPERATOR \_\_\_\_\_

REMARKS

009415



JEOL LTD.

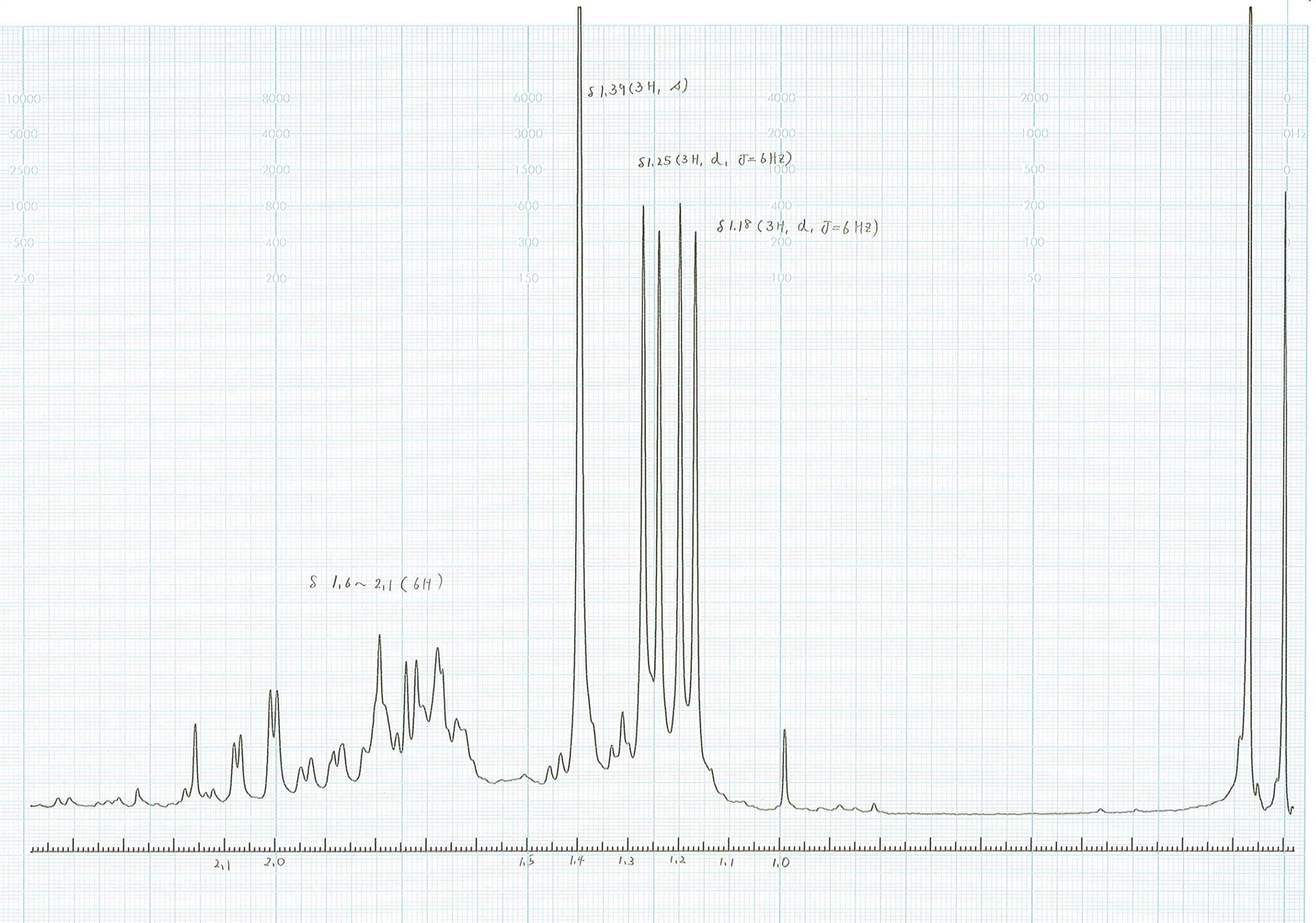




FX 200

CHART NO.  
SAMPLE 12127

7-3'



SOLVENT \_\_\_\_\_ TUBE \_\_\_\_\_ mm  
CONCENTRATION \_\_\_\_\_  
REFERENCE \_\_\_\_\_  
TEMPERATURE \_\_\_\_\_  
  
NUCLEUS \_\_\_\_\_  
OBS. \_\_\_\_\_  
LOCK  D  F  H (\_\_\_\_\_  
I RR. \_\_\_\_\_  
  
OFFSET  
OBS. \_\_\_\_\_ KHZ  
I RR. \_\_\_\_\_ KHZ  
  
PULSE  SINGLE  MULTI  
WIDTH \_\_\_\_\_ /SEC. (\_\_\_\_\_  
INTERVAL \_\_\_\_\_ SEC.  
REPETITION \_\_\_\_\_ SEC.

DATA POINTS \_\_\_\_\_  
WINDOW \_\_\_\_\_  
NO. OF PULSES \_\_\_\_\_  
  
SPECTRAL WIDTH \_\_\_\_\_ Hz  
RF GAIN \_\_\_\_\_  
AMPLITUDE \_\_\_\_\_

DECOUPLING  
 CW  NOISE  PARTIAL  
 HOMO  HETERO (\_\_\_\_\_  
POWER \_\_\_\_\_

LOCK  
 RF LEVEL \_\_\_\_\_  
 RF GAIN \_\_\_\_\_  
 AMPLITUDE \_\_\_\_\_

DATE 3/11 '85  
 OPERATOR \_\_\_\_\_  
 REMARKS 009417

JEOL LTD.

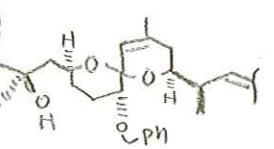
200

CHART NO.

SAMPLE 14117

*synthetic*

7-4

SOLVENT  $\text{CDCl}_3$ , TUBE 5 mm

CONCENTRATION

REFERENCE

TEMPERATURE

NUCLEUS

OBS.

LOCK  D  F  H ( )

IRR.

OFFSET

OBS.

IRR.

PULSE  SINGLE  MULTIWIDTH  $\mu\text{SEC.}$  ( )<sup>o</sup>

INTERVAL SEC.

REPETITION SEC.

DATA POINTS

WINDOW

NO. OF PULSES

SPECTRAL WIDTH Hz

RF GAIN

AMPLITUDE

DECOUPLING

 CW  NOISE  PARTIAL HOMO  HETERO ( )

POWER

LOCK

RF LEVEL

RF GAIN

AMPLITUDE

DATE 11/11 '85

OPERATOR

REMARKS

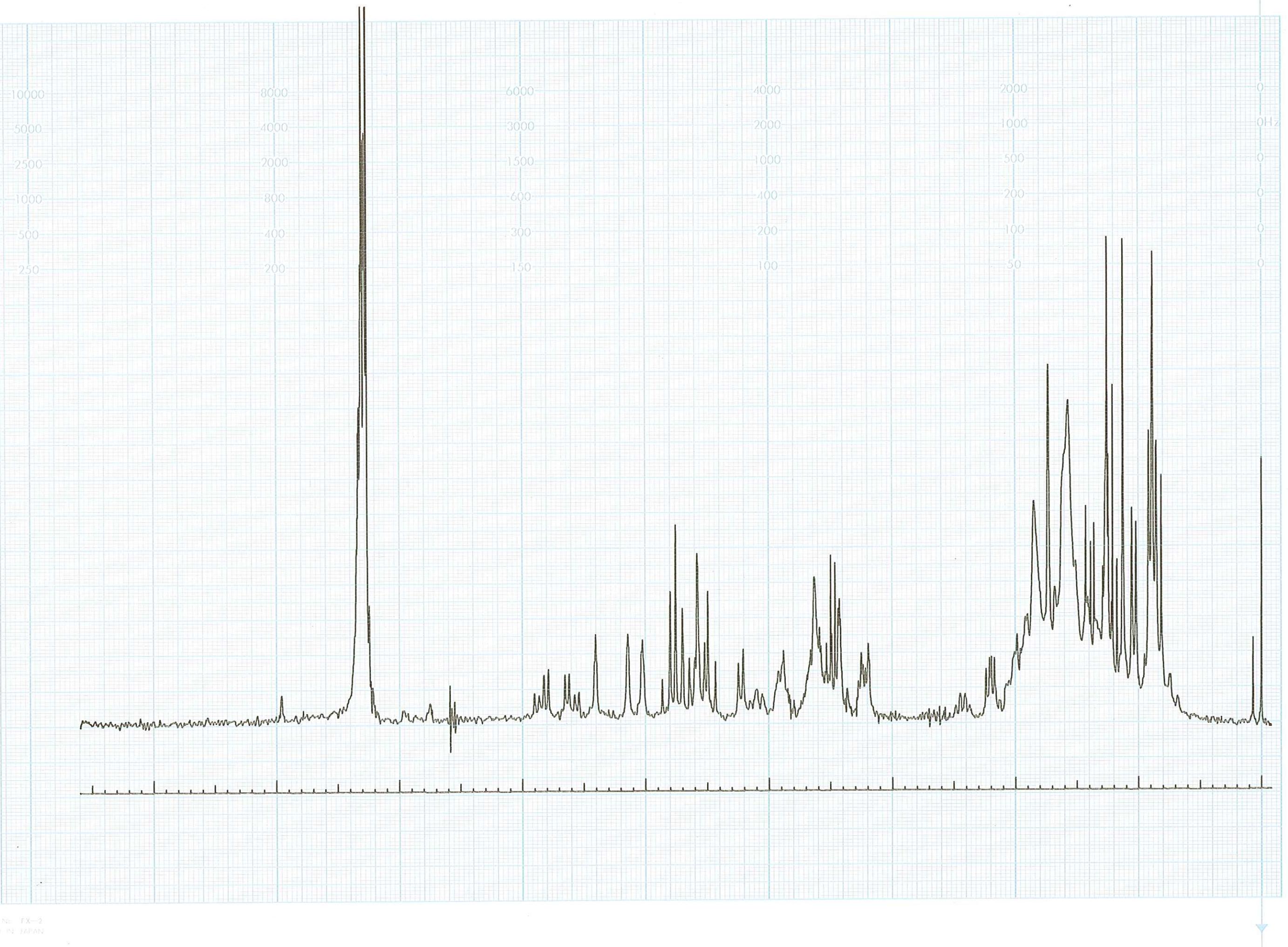
See  $\text{F}^1$  at 1045

1087

13134



JEOL LTD.

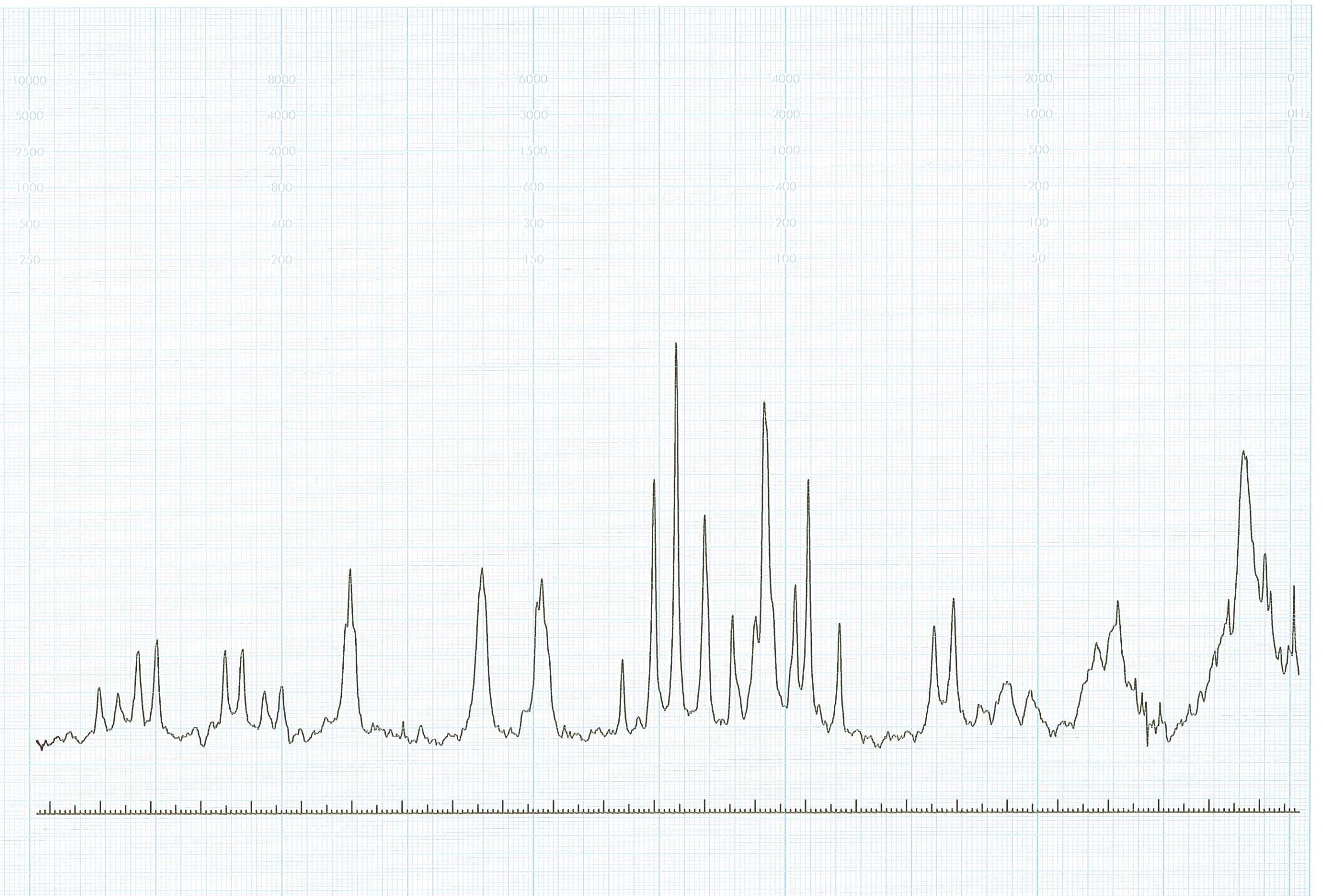


FX 200

CHART NO.

SAMPLE 14117

17-4



SOLVENT TUBE mm

CONCENTRATION

REFERENCE

TEMPERATURE

## NUCLEUS

OBS. \_\_\_\_\_

LOCK  D  F  H (\_\_\_\_)

FRR. \_\_\_\_\_

## OFFSET

OBS. \_\_\_\_\_ KHZ

FRR. \_\_\_\_\_ KHZ

PULSE  SINGLE  MULTI

WIDTH \_\_\_\_\_ USEC. (\_\_\_\_)°

INTERVAL \_\_\_\_\_ SEC.

REPETITION \_\_\_\_\_ SEC.

## DATA POINTS

WINDOW \_\_\_\_\_

NO. OF PULSES \_\_\_\_\_

SPECTRAL WIDTH \_\_\_\_\_ Hz

RF GAIN \_\_\_\_\_

AMPLITUDE \_\_\_\_\_

## DECOUPLING

 CW  NOISE  PARTIAL HOMO  HETERO (\_\_\_\_)

POWER \_\_\_\_\_

## LOCK

RF LEVEL \_\_\_\_\_

RF GAIN \_\_\_\_\_

AMPLITUDE \_\_\_\_\_

DATE 11/11/85

OPERATOR

REMARKS

FX 200

CHART NO.

SAMPLE 14117

7-4

SOLVENT \_\_\_\_\_ TUBE mm

CONCENTRATION

REFERENCE

TEMPERATURE

NUCLEUS

OBS. \_\_\_\_\_

LOCK  D  F  H (\_\_\_\_)

T.R.R. \_\_\_\_\_

OFFSET

OBS. \_\_\_\_\_ KHZ

T.R.R. \_\_\_\_\_ KHZ

PULSE  SINGLE  MULTI

WIDTH \_\_\_\_\_ μSEC. (\_\_\_\_)°

INTERVAL \_\_\_\_\_ SEC.

REPETITION \_\_\_\_\_ SEC.

DATA POINTS

WINDOW

NO. OF PULSES

SPECTRAL WIDTH \_\_\_\_\_ Hz

RF GAIN

AMPLITUDE

DECOUPLING

 CW  NOISE  PARTIAL HOMO  HETERO (\_\_\_\_)

POWER \_\_\_\_\_

LOCK

RF LEVEL \_\_\_\_\_

RF GAIN \_\_\_\_\_

AMPLITUDE \_\_\_\_\_

DATE 11/11/85

OPERATOR

REMARKS

