



# ELECTRONICS TOMORROW LTD.

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FAKED

|                                |                                 |
|--------------------------------|---------------------------------|
| To : Intertek Testing Services | Date : 17 July, 2002            |
| Attn. : Mr. Calvin Liu         | Pages : 1 (Including this page) |
| cc. :                          | Our Ref:                        |
| From : Ken Sin                 |                                 |

Dear Calvin,

Please find the following Data format for your reference. For temperature, we measure -50C to +70C, for humidity, we measure 1-99%. confirm by applicant

## Details of Data Frame Format:

|                                    |                                                                                                                                                               |
|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 11bits-syn bits:                   | 00000000000b                                                                                                                                                  |
| 1bit-start bit:                    | 1b                                                                                                                                                            |
| 3bits-Channel ID:                  | Channel 1 is 001b, Channel 2 is 000b, and Channel 3 is 010b                                                                                                   |
| 11bits-temperature(Hex):           | When convert this data to Decimal form, add the value with 500 firstly, then convert Dec to Hex value                                                         |
| 7bits-humidity(Hex):               | <del>Direct converts Dec to Hex value</del> confirm by applicant.                                                                                             |
| 3bits- miscellanies (low battery): | Bit 3 is low battery status, if this bit is 1, it indicate low battery now. If this bit is 0, it indicates enough battery now.                                |
| 4bits-CRC check code:              | It is generated by P (x)=11001b and data (3bits - Channel ID, 11bits - temperature (Hex), 7bits - humidity (Hex), 3bits - miscellanies) confirm by applicant. |

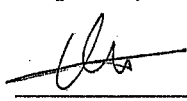
Please find the following example : Temperature : 23.0C

11 bit temperature will be  $0230+0500 = 0730$   
 $= 2DA$  ( hex value )  
 $= 01011011010$  ( bin value )

By applicant information  
 the bit pattern should be  
 000 000  
 001 000

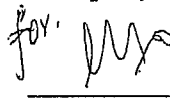
Since this is our internal information, please make it confidential and sign back with company chop for our reference.

Prepare by :

  
 Ken Sin

Date : 17-July-02

Accept by :

  
 Calvin Liu

Date : 18 July, 2002

hp

MKR 6.0000 msec

REF 101.0 dB $\mu$ V

AT 10 dB

.07 dB

PEAK

LOG

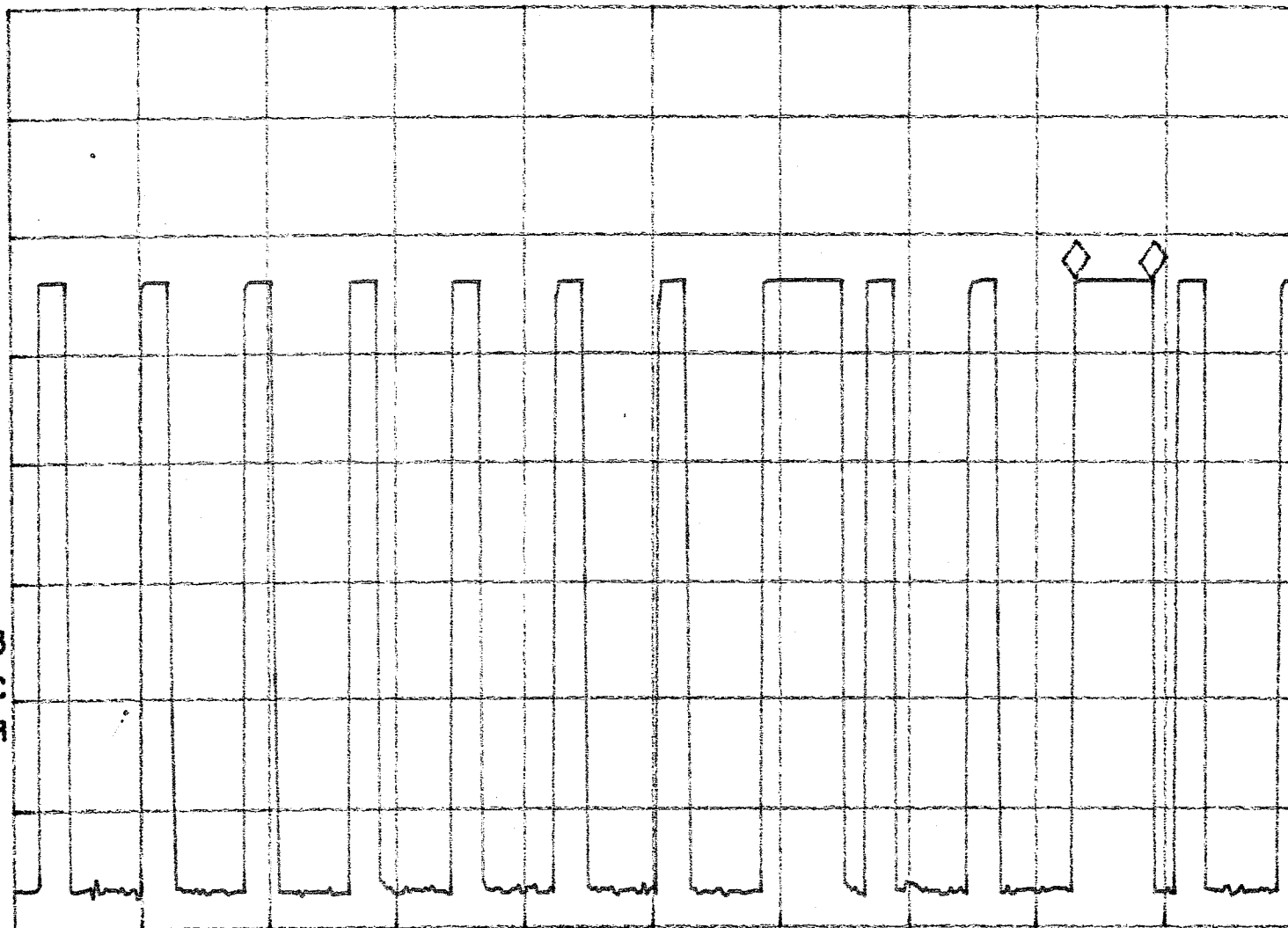
10

dB/

VA SB

SC FC

CORR



CENTER 433.9200 MHz

SPAN 0 Hz

#RES BW 10 KHz

#VBW 30 KHz

#SWP 100 msec

10

REF 101.0 dB $\mu$ V

AT 10 dB

MKR 6.0000 msec

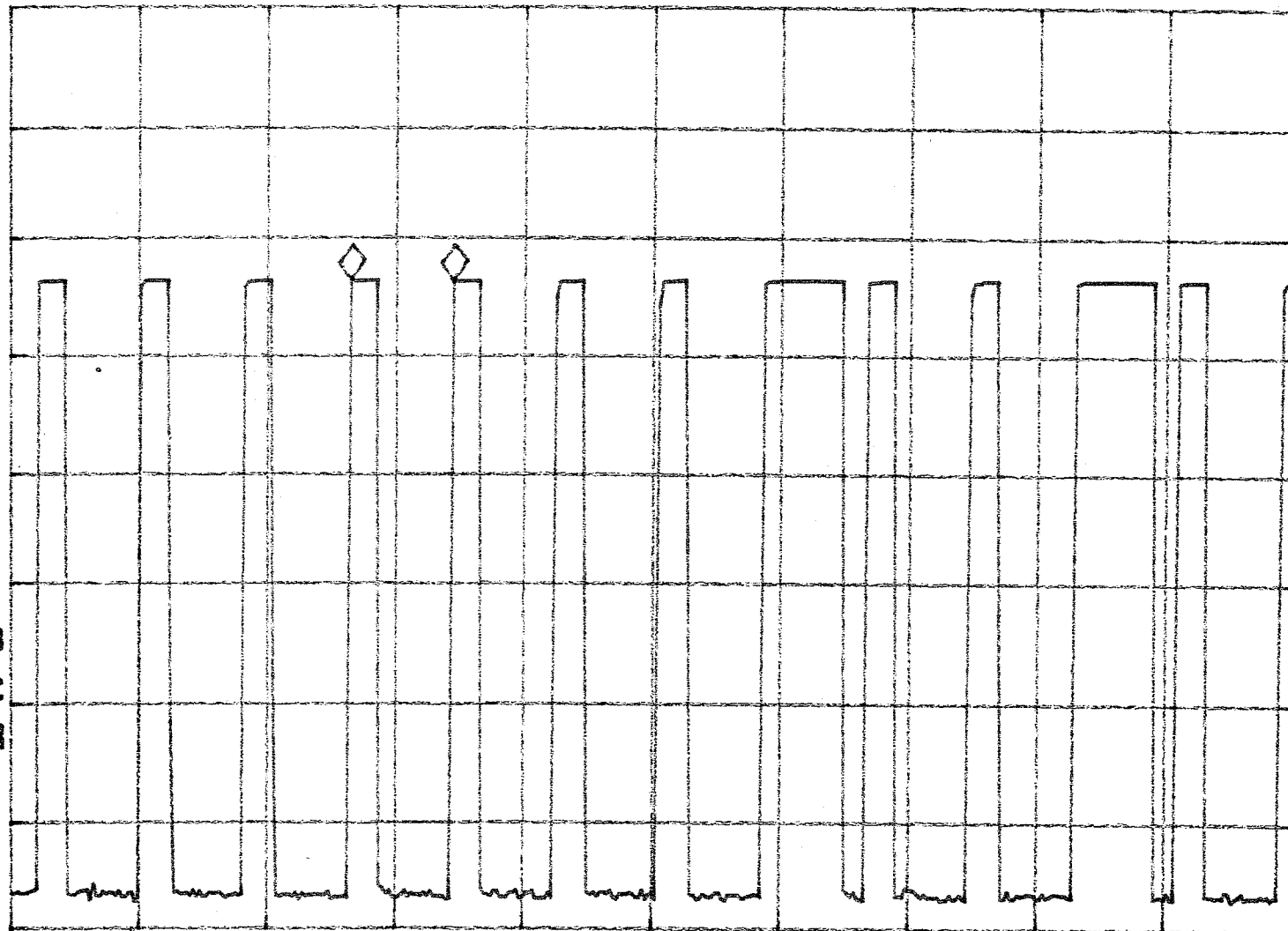
-.02 dB

PEAK

LOG

10

dB/



VA SB

SC FC

CORR

CENTER 433.9200 MHz

SPAN 0 Hz

#RES BW 10 KHz

#VBW 30 KHz

#SWP 100 msec

hp

MKR 8.0000 msec

REF 101.0 dB $\mu$ V

AT 10 dB

.07 dB

PEAK

LOG

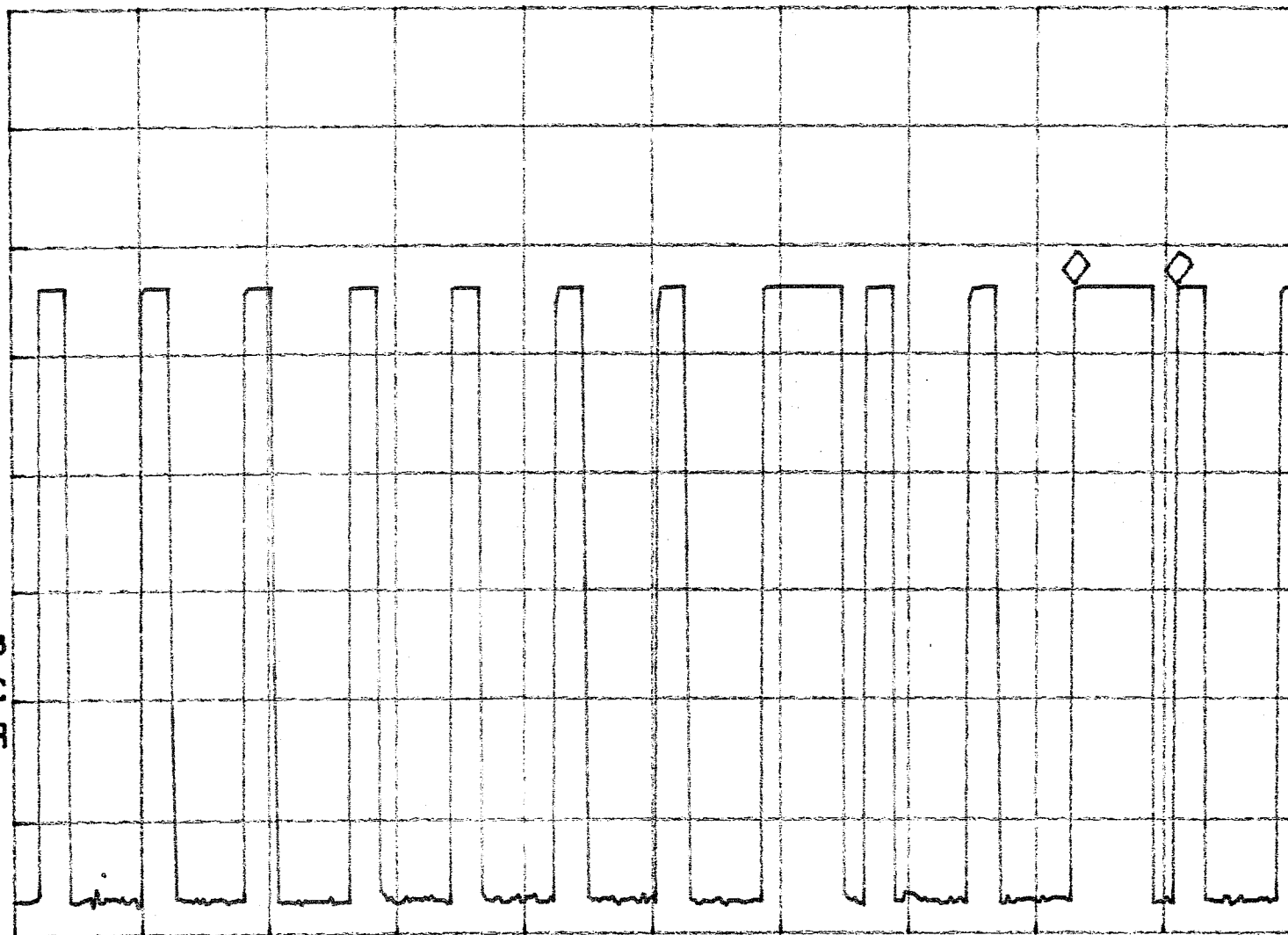
10

dB/

VA SB

SC FC

CORR



CENTER 433.9200 MHz

SPAN 0 Hz

#RES BW 10 kHz

#VBW 30 kHz

#SWP 100 msec

hp

REF 67.0 dBμV

#AT 10 dB

MKR 2.0000 msec

BP 20 dB

PEAK

LOG

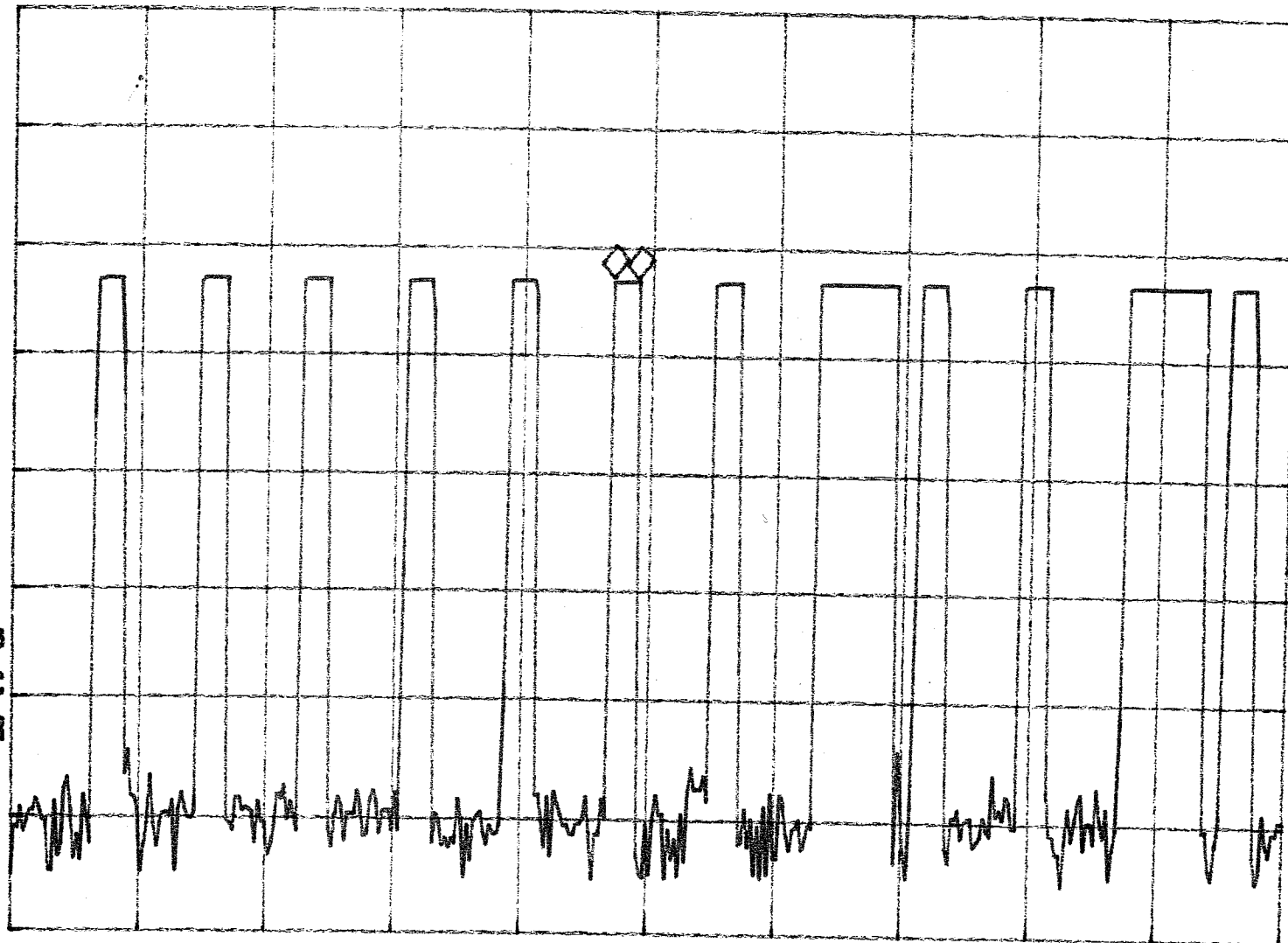
10

dB/

VA SB

SC FC

CORR



CENTER 433.9200 MHz

#RES BW 10 KHz

#VBW 30 KHz

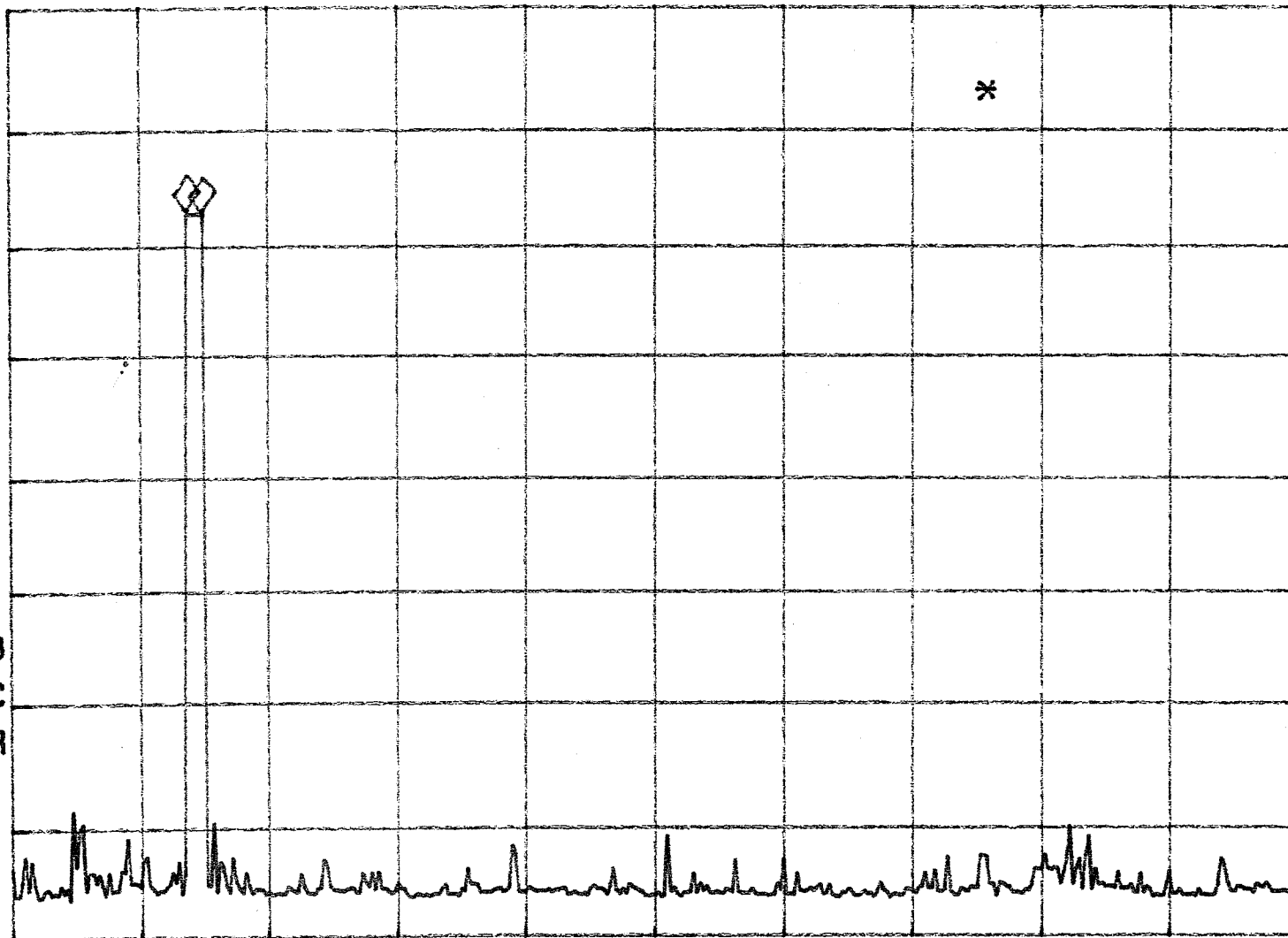
SPAN 0 Hz

#SWP 100 msec

REF 101.0 dBμV AT 10 dB MKR 937.50 msec  
BP 50 dB

PEAK  
LOG  
10  
dB/

VA SB  
SC FC  
CORR



CENTER 433.9200 MHz  
#RES BW 10 KHz

#VBW 30 KHz

SPAN 0 Hz  
#SWP 75.0 sec