



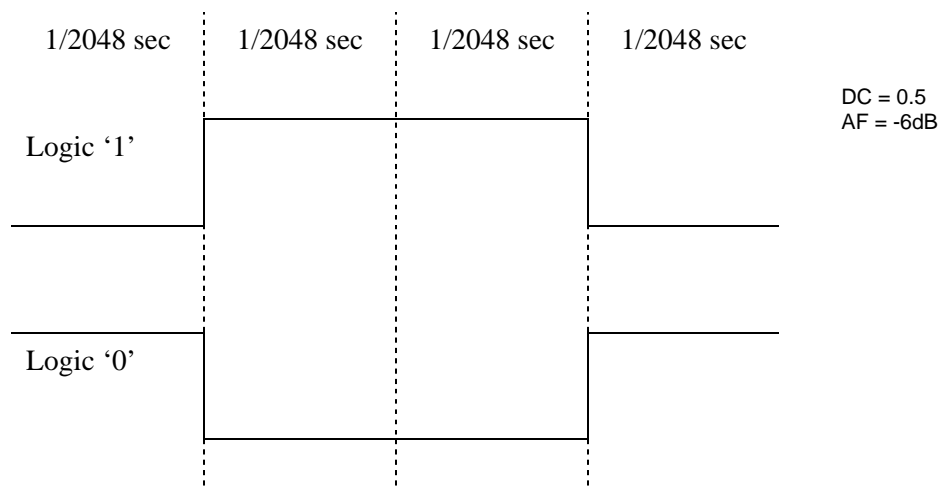
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### 3, Random ID Generation

- ID is generated after hardware reset.
- If the random number is generated to be either H'00 or H'FF, software will re-generate until the number is not these two value.

### 4, 433MHz RF Data Encoding



### 5, Temperature / Humidity Trend

The Temperature / Humidity Trends are updated for every 30 minutes.  
 The Temperature Trend is rising if the change of temperature is more than 0.5°C. It is falling if the change of temperature is less than -0.5°C. Otherwise, it is steady.  
 The Humidity Trend is rising if the change of humidity is more than 3%. It is falling if the change of humidity is less than -3%. Otherwise, it is steady.

### 6, Data Format

| Version  |       |    |   |
|----------|-------|----|---|
| Data     |       | TH | T |
| Preamble | Bit 0 | 1  | 1 |
|          | Bit 1 | 1  | 1 |
|          | Bit 2 | 1  | 1 |
|          | Bit 3 | 1  | 1 |
|          | Bit 0 | 1  | 1 |
|          | Bit 1 | 1  | 1 |
|          | Bit 2 | 1  | 1 |
|          | Bit 3 | 1  | 1 |
|          | Bit 0 | 1  | 1 |
|          | Bit 1 | 1  | 1 |
|          | Bit 2 | 1  | 1 |
|          | Bit 3 | 1  | 1 |
|          | Bit 0 | 1  | 1 |
|          | Bit 1 | 1  | 1 |

hp

MKR 375.00 msec

REF -10.0 dBm

AT 10 dB

-.02 dB

PEAK

LOG

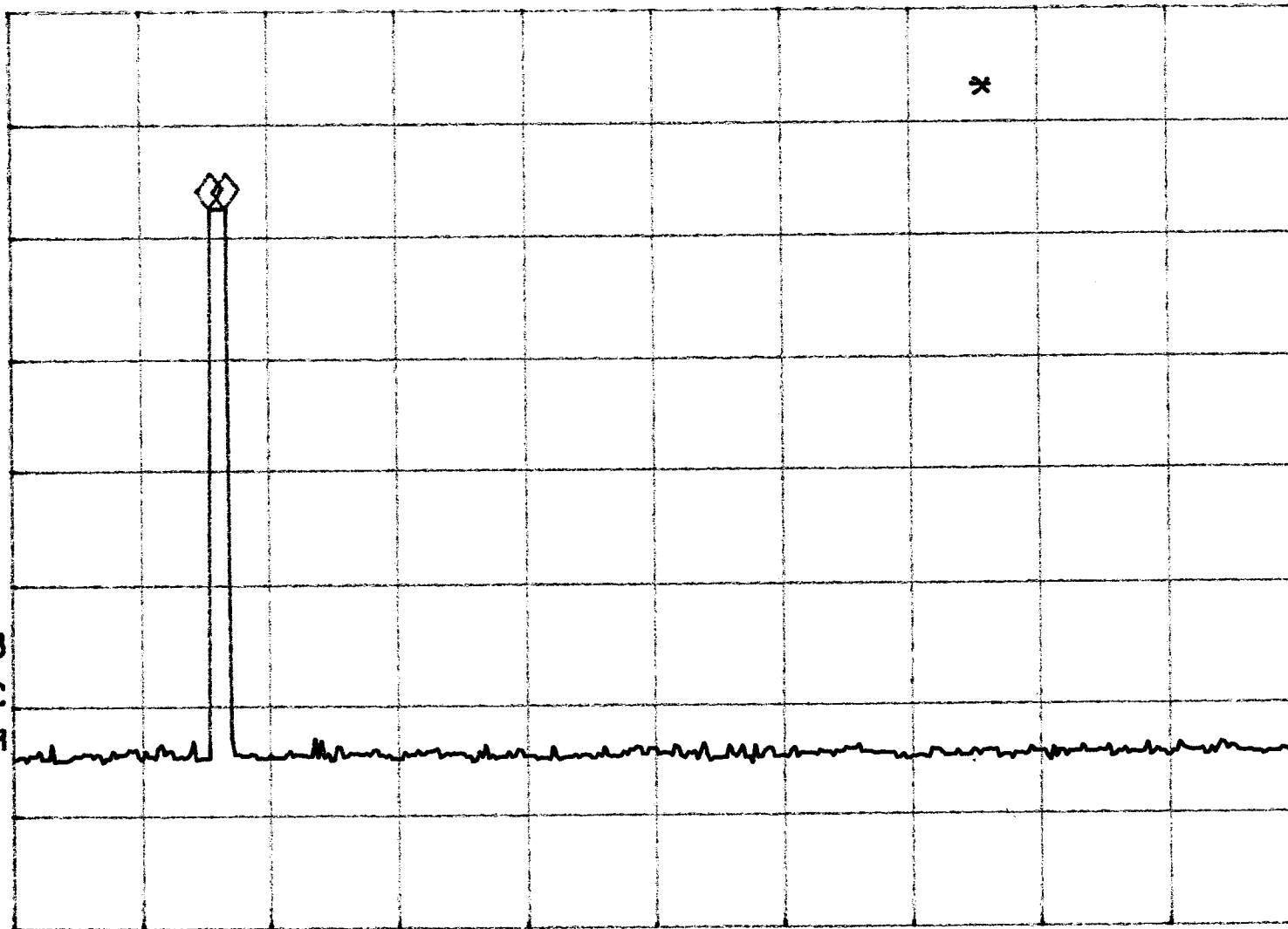
10

dB/

VA SB

SC FC

CORR



CENTER 433.908 MHz

SPAN 0 Hz

#RES BW 100 kHz

#VBW 3 MHz

#SWP 30.0 sec

HP

MKR 36.813 sec

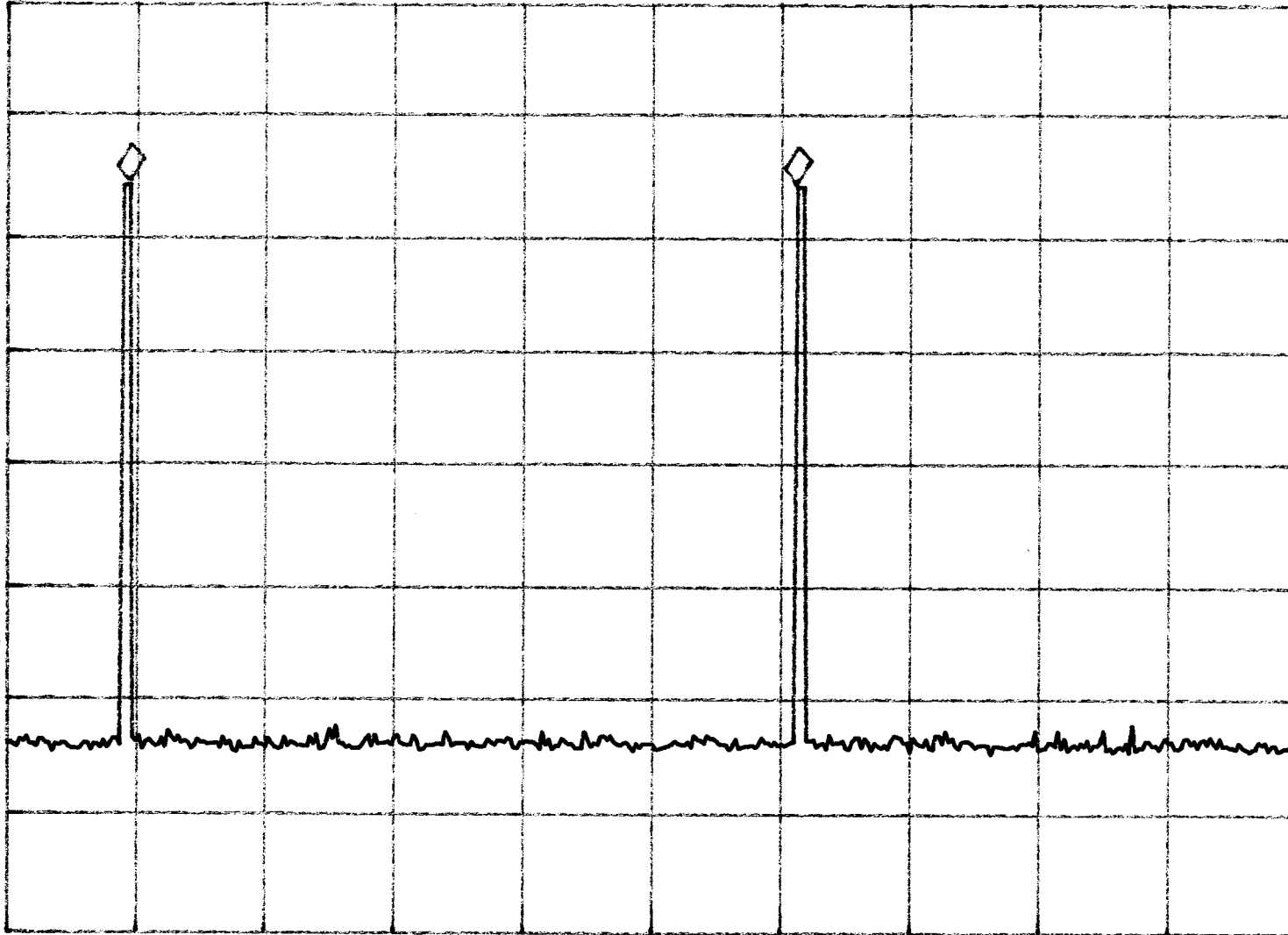
REF -10.0 dBm

AT 10 dB

-.07 dB

PEAK  
LOG  
10  
dB/

VA SB  
SC FC  
CORR



CENTER 433.908 MHz

SPAN 0 Hz

#RES BW 100 KHz

#VBW 3 MHz

#SWP 75.0 sec