

hp

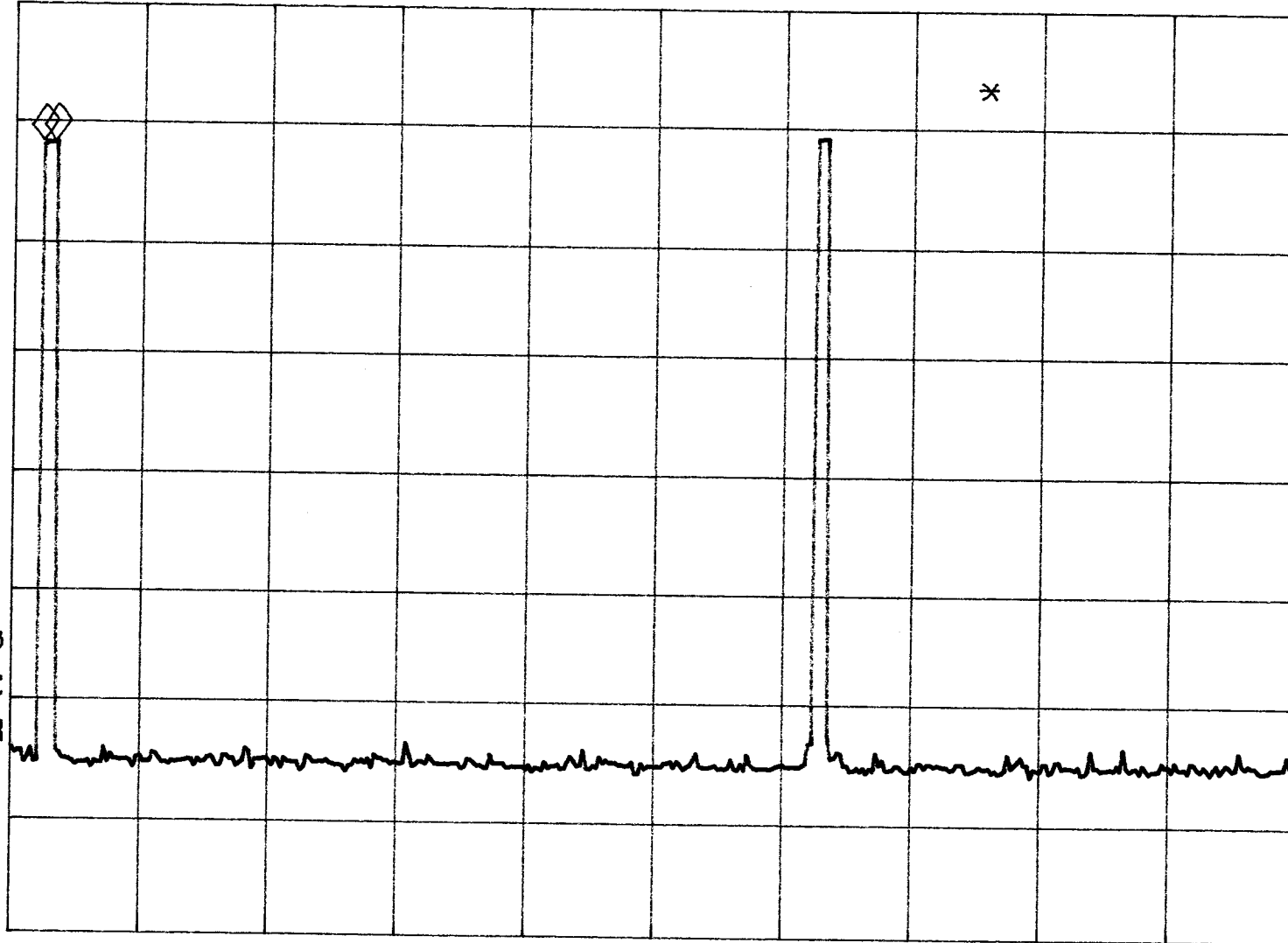
REF -20.0 dBm

AT 10 dB

MKR 1.0000 sec
.07 dB

PEAK
LOG
10
dB/

VA SB
SC FC
CORR



CENTER 433.6713 MHz

#RES BW 30 kHz

#VBW 1 MHz

SPAN 0 Hz

#SWP 100 sec

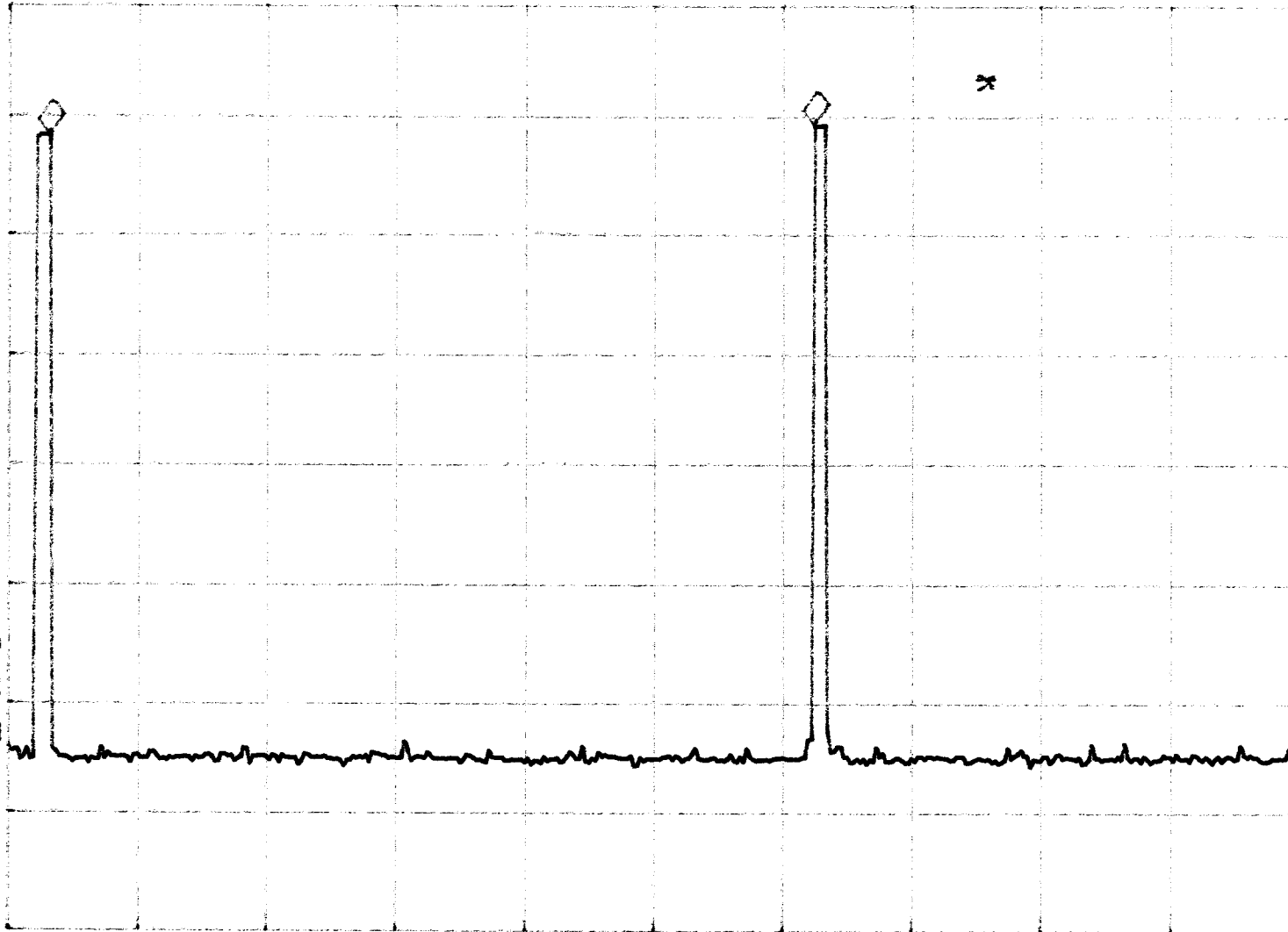
17

MKR 59.250 sec
.95 dB

REF -20.0 dBm AT 10 dB

PEAK
LOG
10
dB/

VA SB
SC FC
CORR



CENTER 433.6713 MHz
#RES BW 30 kHz

#VBW 1 MHz

SPAN 0 Hz
#SWP 100 sec

00896 (RG424) Raingauge

Code Length: 910-960MS

Transmit time: Heavy rain 1MIN transmission

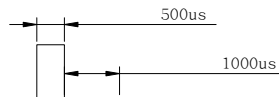
Scattered rain 3MIN transmission

No rain 5MIN transmission

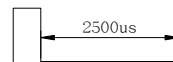
Code format 24BIT

ID_CODE (8BITS) +LOW_BAT (1BIT) +CHECK_SUM (2BITS) +DATA (13BITS)

CODE_0 (1.5ms) : H/L=500uS/ 1000us



CODE_1 (3ms) : H/L=500us/ 2500us



STOP (5ms) : H/L= 500us/4500



Worst Case:

All codes are zero

Code Length: 1.5ms x 24 + 5ms = 41ms

Transmission: 41ms x 23 = 943ms

D.C. = $0.5 \times 25 / 41 = 0.3$

A.F. = -10.4dB