

Fig

MKR 450.00 msec

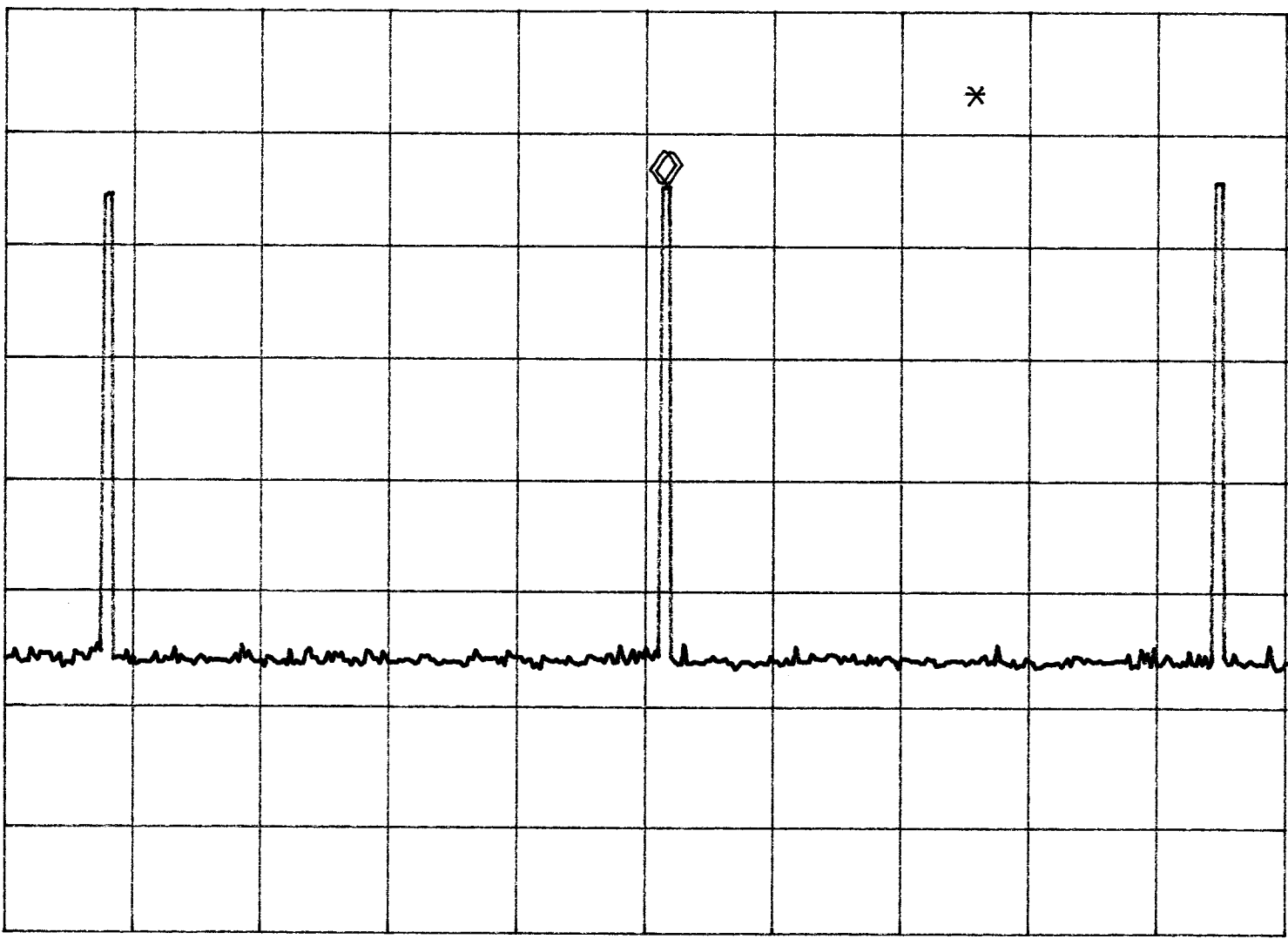
REF -20.0 dBm

AT 10 dB

.00 dB

PEAK
LOG
10
dB/

VA SB
SC FC
CORR



CENTER 433.916 MHz

SPAN 0 Hz

#RES BW 100 kHz

#VBW 1 MHz

#SWP 90.0 sec

hp

MKR 38.700 sec

REF -20.0 dBm

AT 10 dB

.73 dB

PEAK

LOG

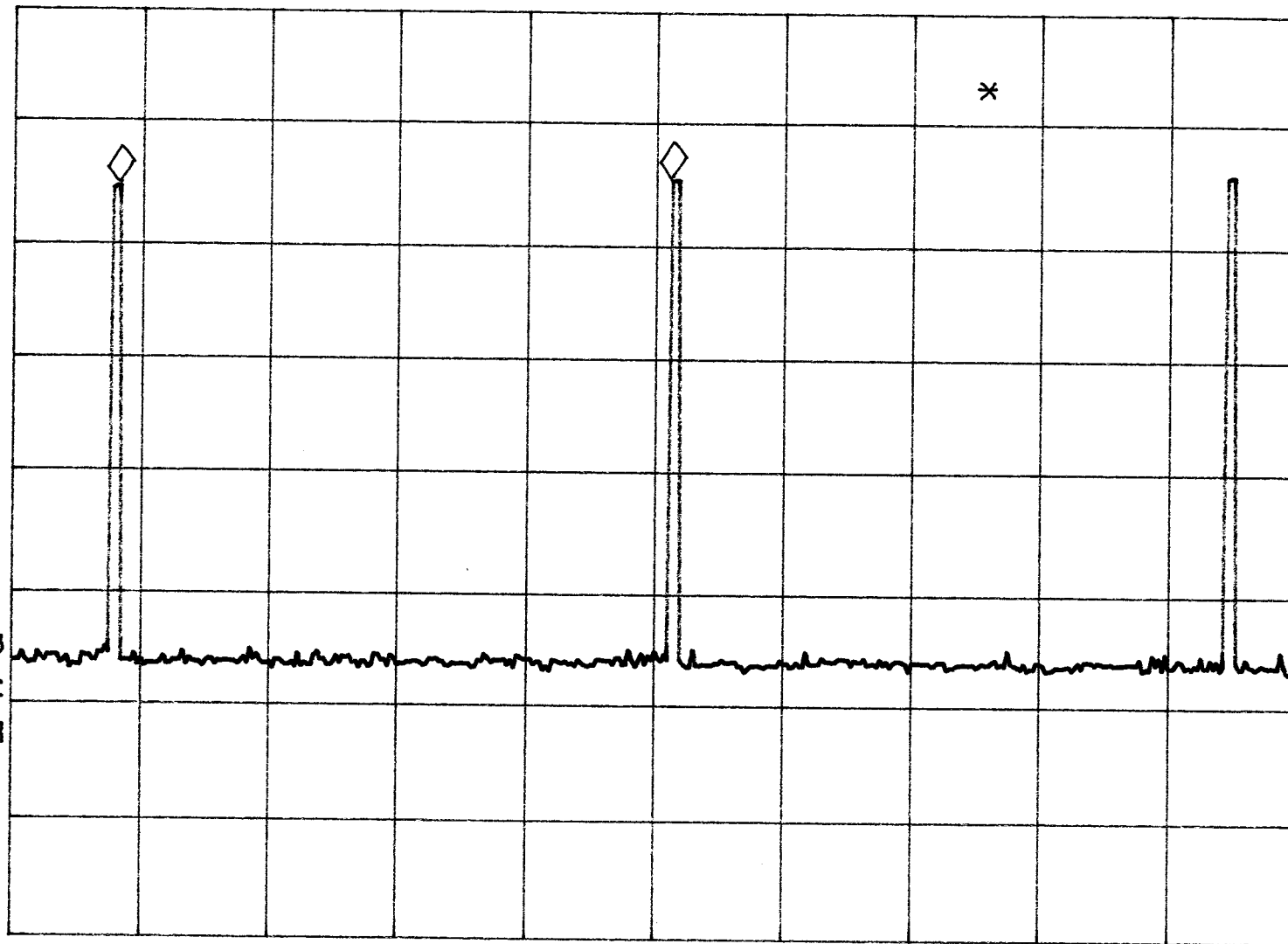
10

dB/

VA SB

SC FC

CORR



CENTER 433.916 MHz

SPAN 0 Hz

#RES BW 100 KHz

#VBW 1 MHz

#SWP 90.0 sec



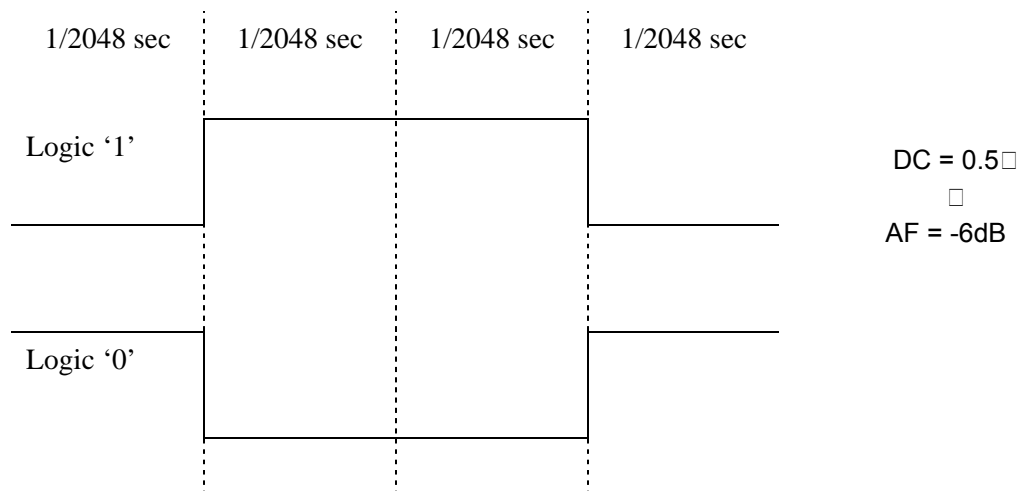
IDT Technology Limited

萬威 科 研 有 限 公 司

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