



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):	Direct converts Dec to Hex value <i>confirm by applicant.</i>
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) <i>confirm by applicant.</i>

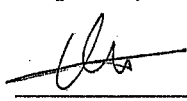
Please find the following example : Temperature : 23.0C

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

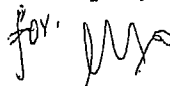
Since this is our internal information, please make it confidential and sign back with company chop for our reference.

Prepare by :


 Ken Sin

Date : 17-July-02

Accept by :


 Calvin Liu

Date : 18 July, 2002

hp

REF .0 dBm

AT 10 dB

MKR 8.0000 msec

.03 dB

PEAK

LOG

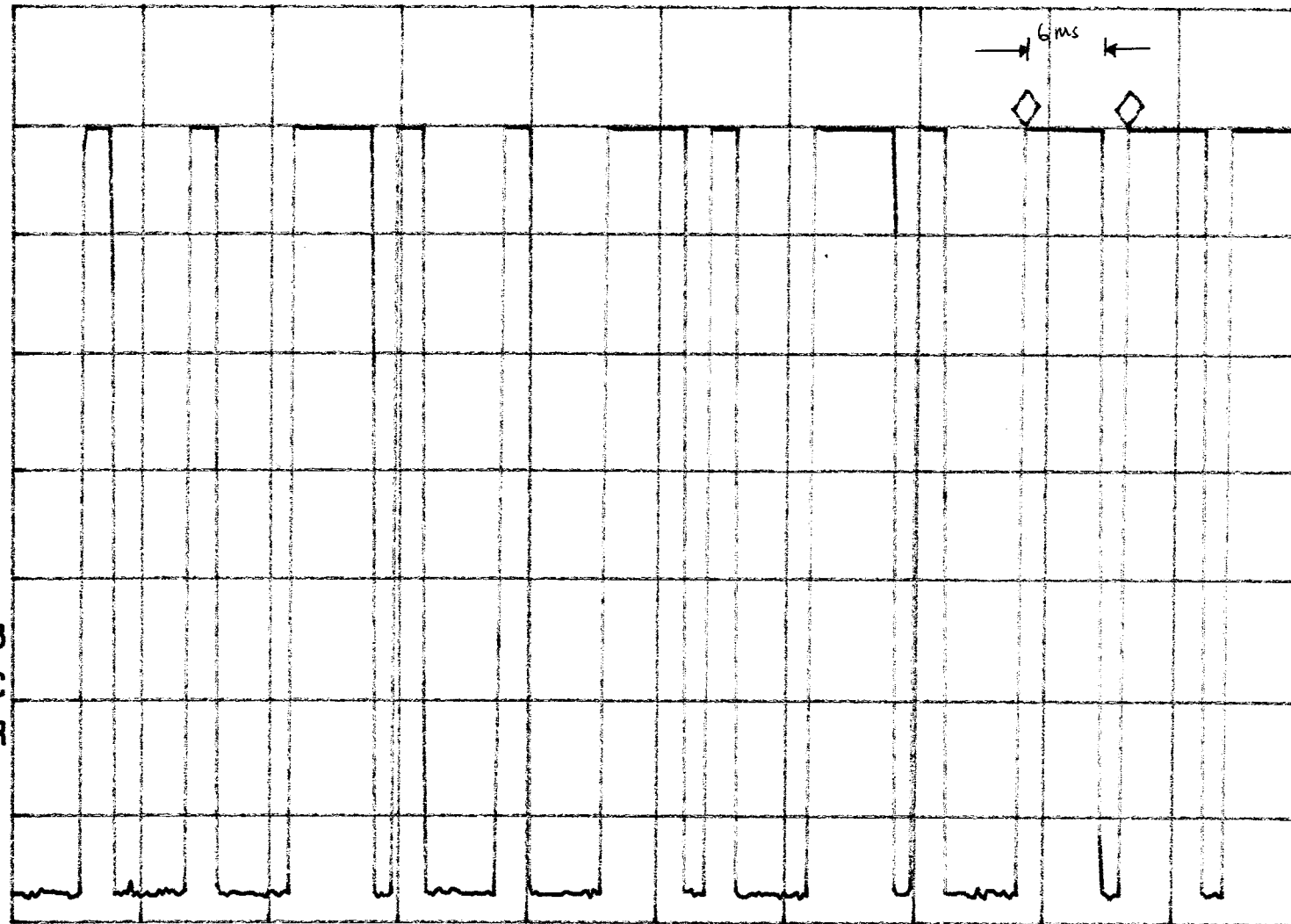
10

dB/

VA SB

SC FC

CORR



Bit "1" ON Time
= 6 ms

Total Time for Bit "1"
= 8 ms.

CENTER 433.9175 MHz

SPAN 0 Hz

#RES BW 10 kHz

#VBW 30 kHz

#SWP 100 msec

hp

REF .0 dBm

AT 10 dB

MKR 8.0000 msec

-.07 dB

PEAK

LOG

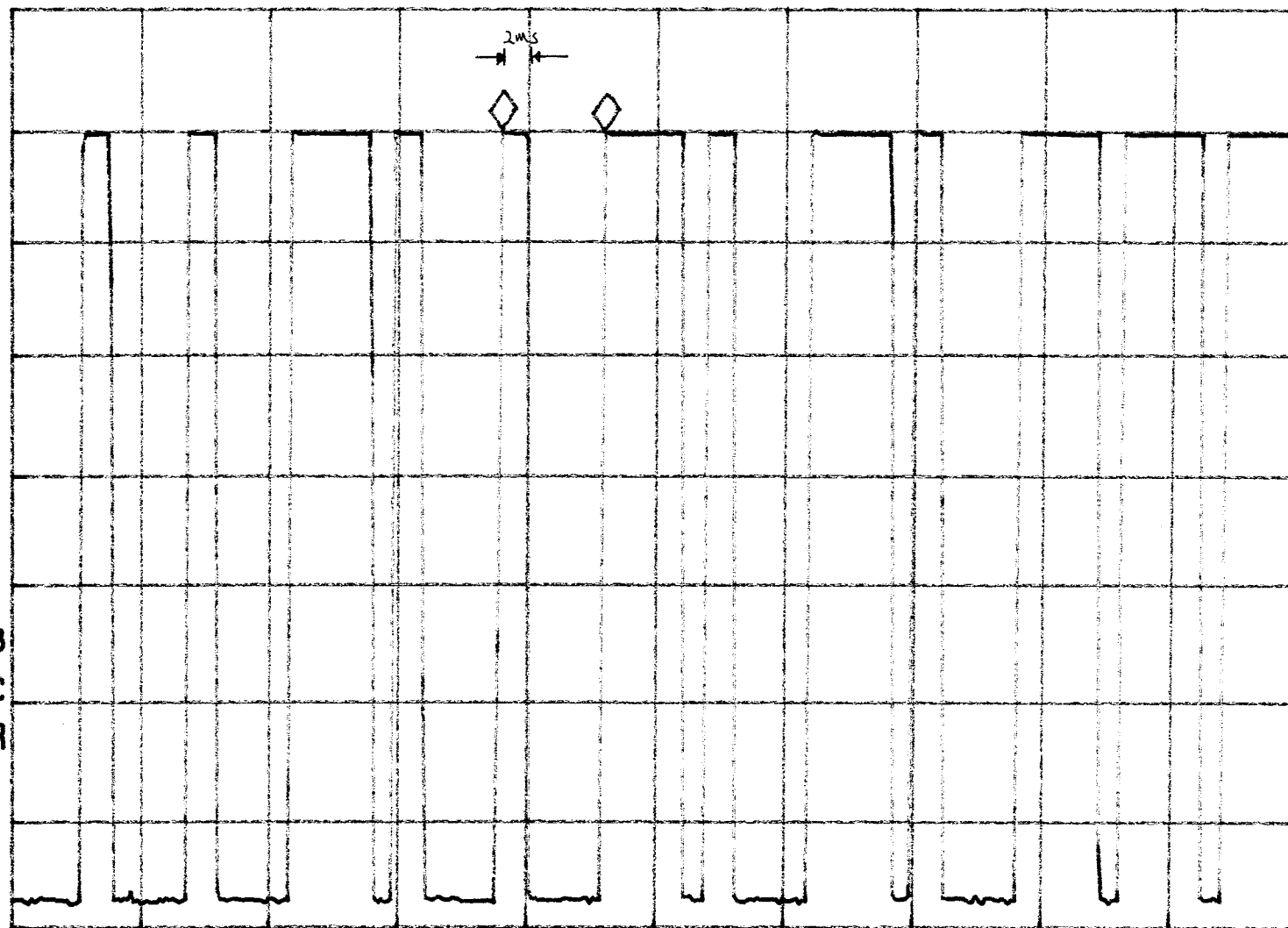
10

dB/

VA SB

SC FC

CORR



Bit "0" ON Time

= 2ms

Total Time for Bit "0"

= 8ms.

CENTER 433.9175 MHz

SPAN 0 Hz

#RES BW 10 kHz

#VBW 30 kHz

#SWP 100 msec

hp

REF .0 dBm

AT 10 dB

MKR 945.00 msec

-.42 dB

PEAK

LOG

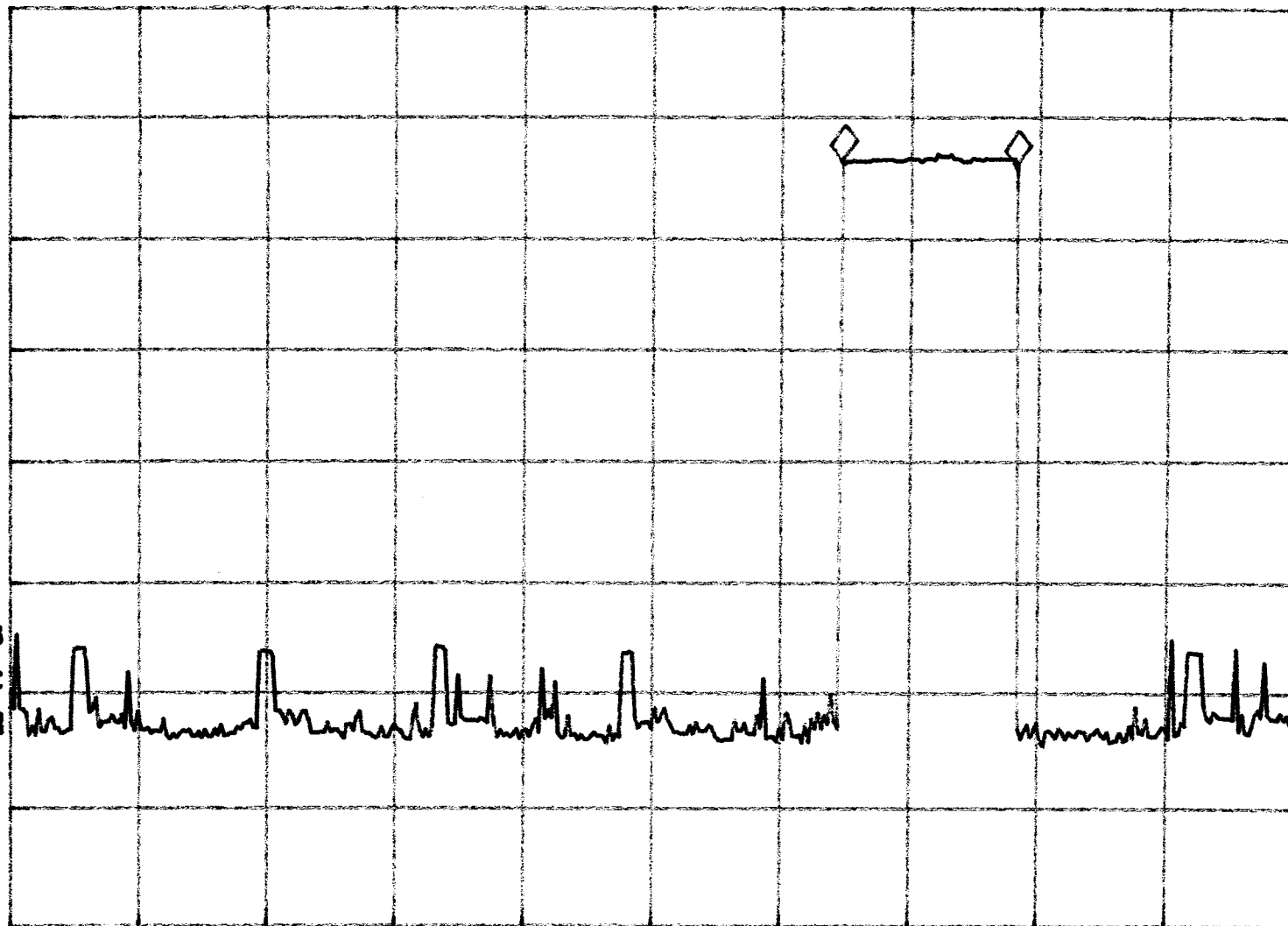
10

dB/

VA SB

SC FC

CORR



CENTER 433.9175 MHz

SPAN 0 Hz

#RES BW 1.0 MHz

#VBW 3 MHz

#SWP 7.00 sec

7

REF .0 dBm

AT 10 dB

PEAK

LOG

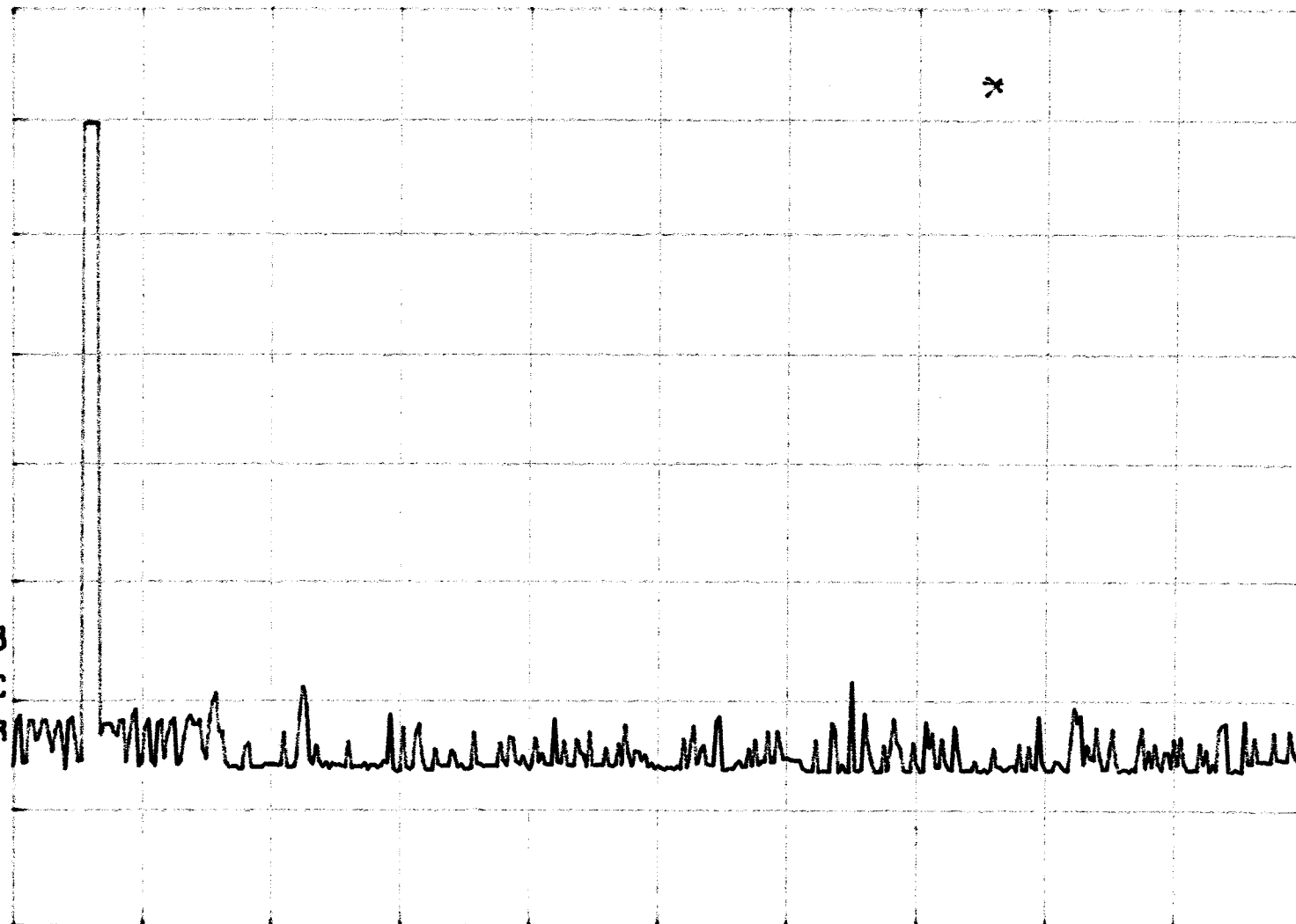
10

dB/

VA SB

SC FC

CORR



CENTER 433.9175 MHz

SPAN 0 Hz

#RES BW 3.0 MHz

#VBW 100 kHz

#SWP 100 sec