



ELECTRONICS TOMORROW LTD.

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FAXED

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>

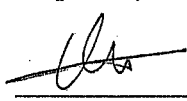
Please find the following example : Temperature : 23.0C

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.

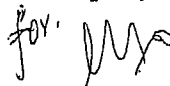
Prepare by :

Ken Sin

Date : 17-July-02

Accept by :



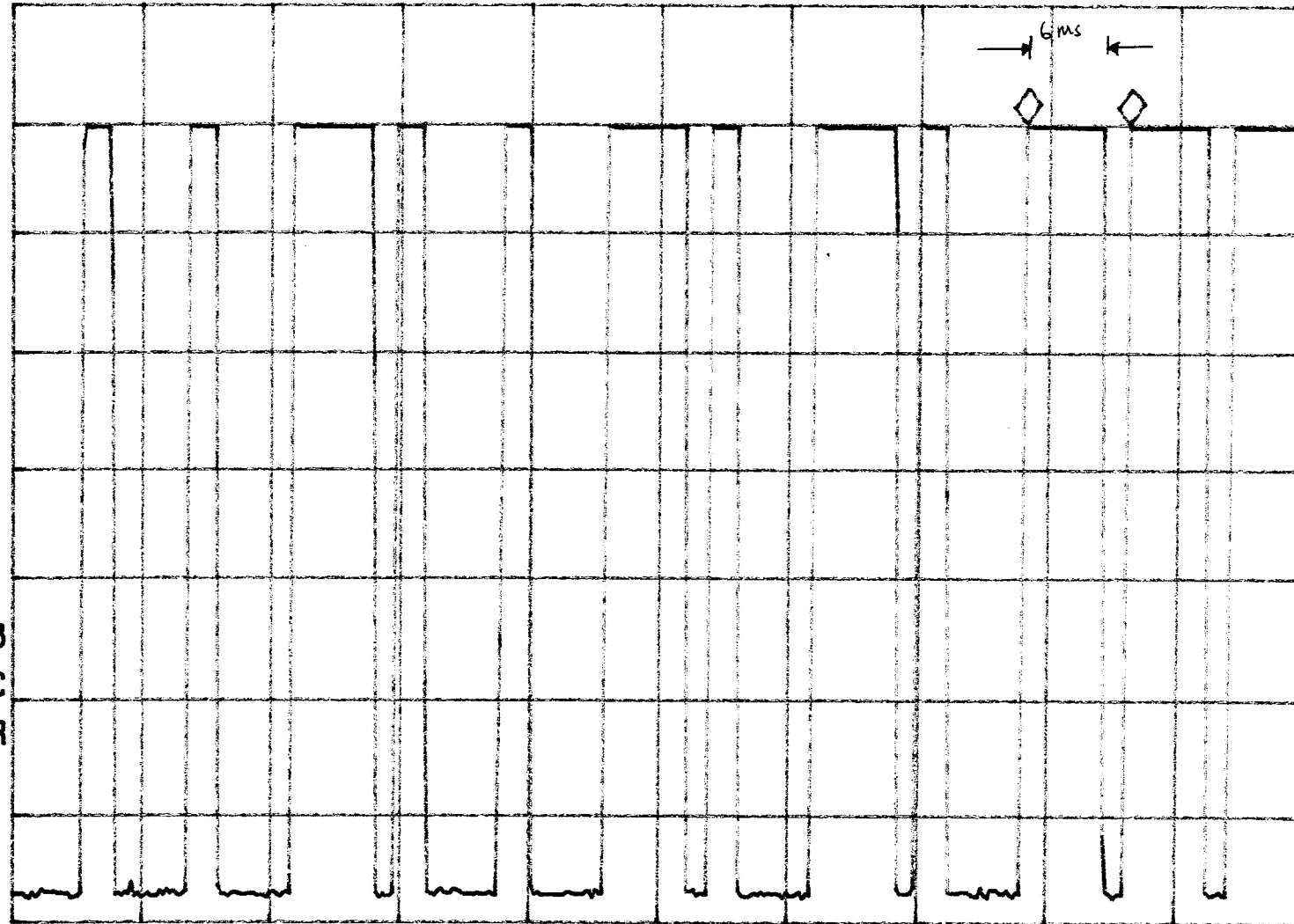
Calvin Liu

Date : 18 July, 2002

hp

REF .0 dBm

AT 10 dB

MKR 8.0000 msec
.03 dBPEAK
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

#RES BW 10 kHz

#VBW 30 kHz

SPAN 0 Hz

#SWP 100 msec

h_g

REF .0 dBm

AT 10 dB

MKR 8.0000 msec

-.07 dB

PEAK

LOG

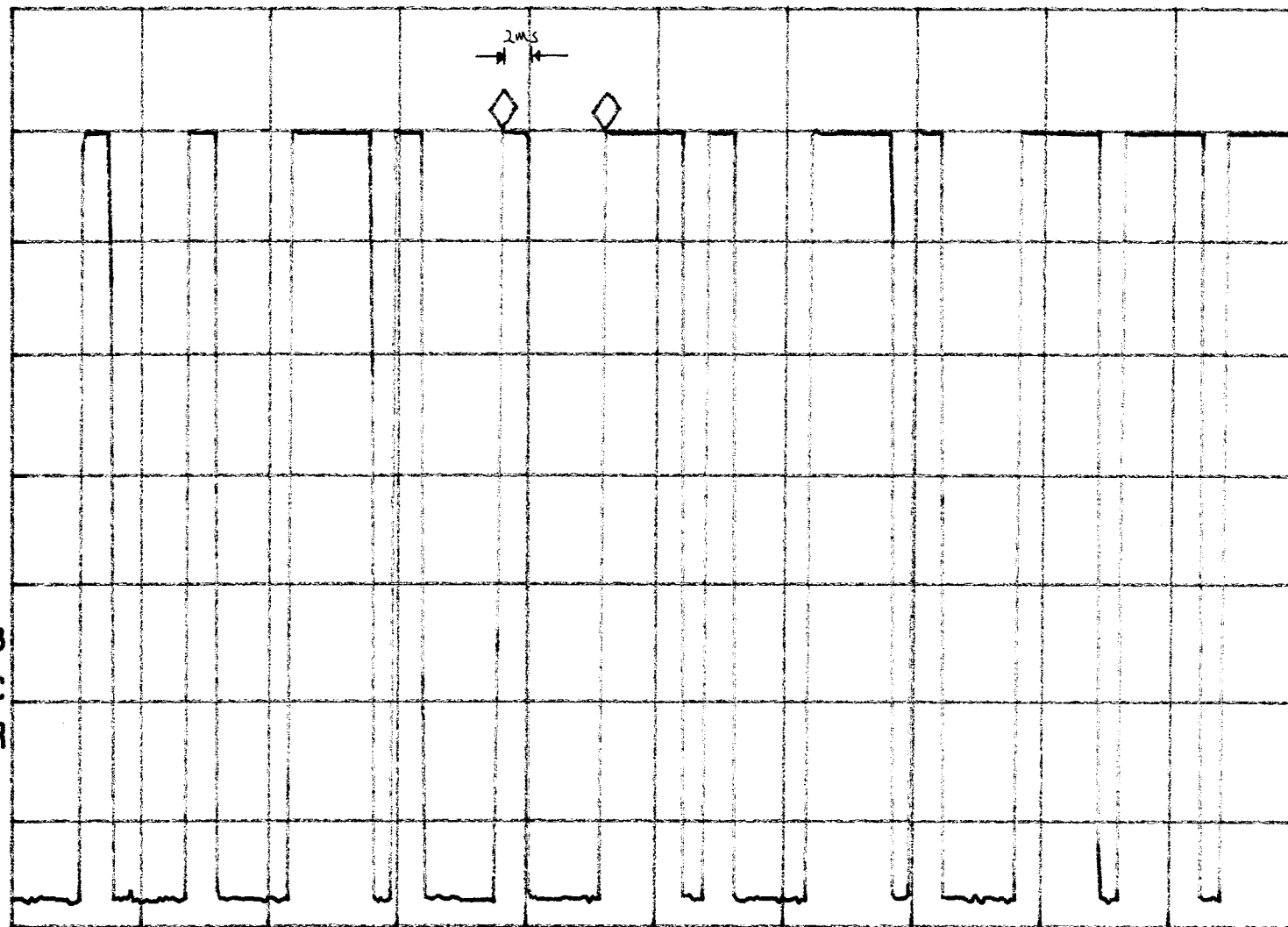
10

dB/

VA SB

SC FC

CORR



CENTER 433.9175 MHz

#RES BW 10 kHz

#VBW 30 kHz

SPAN 0 Hz

#SWP 100 msec

Bit "0" ON Time

= 2ms

Total Time for Bit "0"

= 8ms.

hp

REF .0 dBm

AT 10 dB

MKR 945.00 msec

-.42 dB

PEAK

LOG

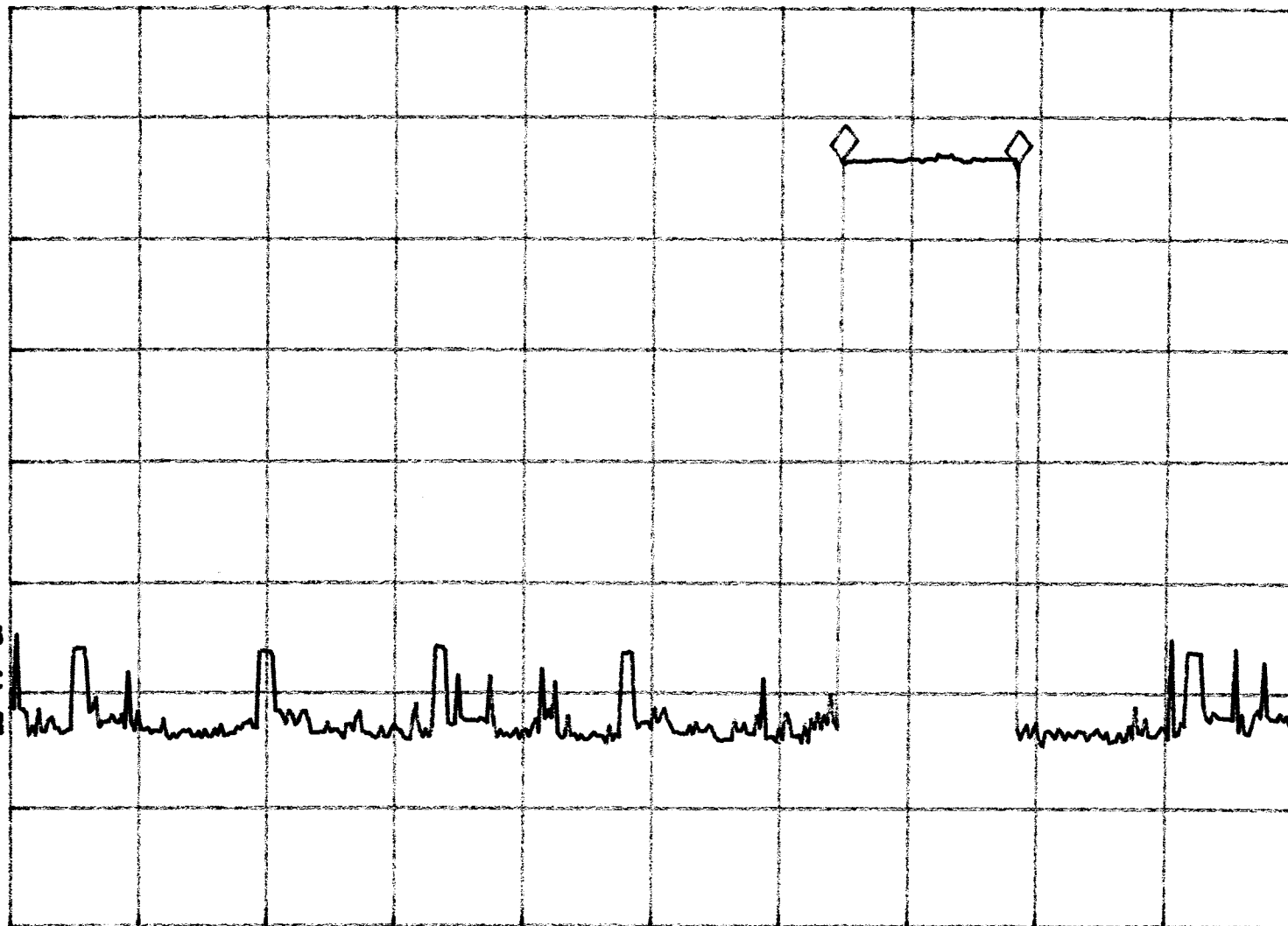
10

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

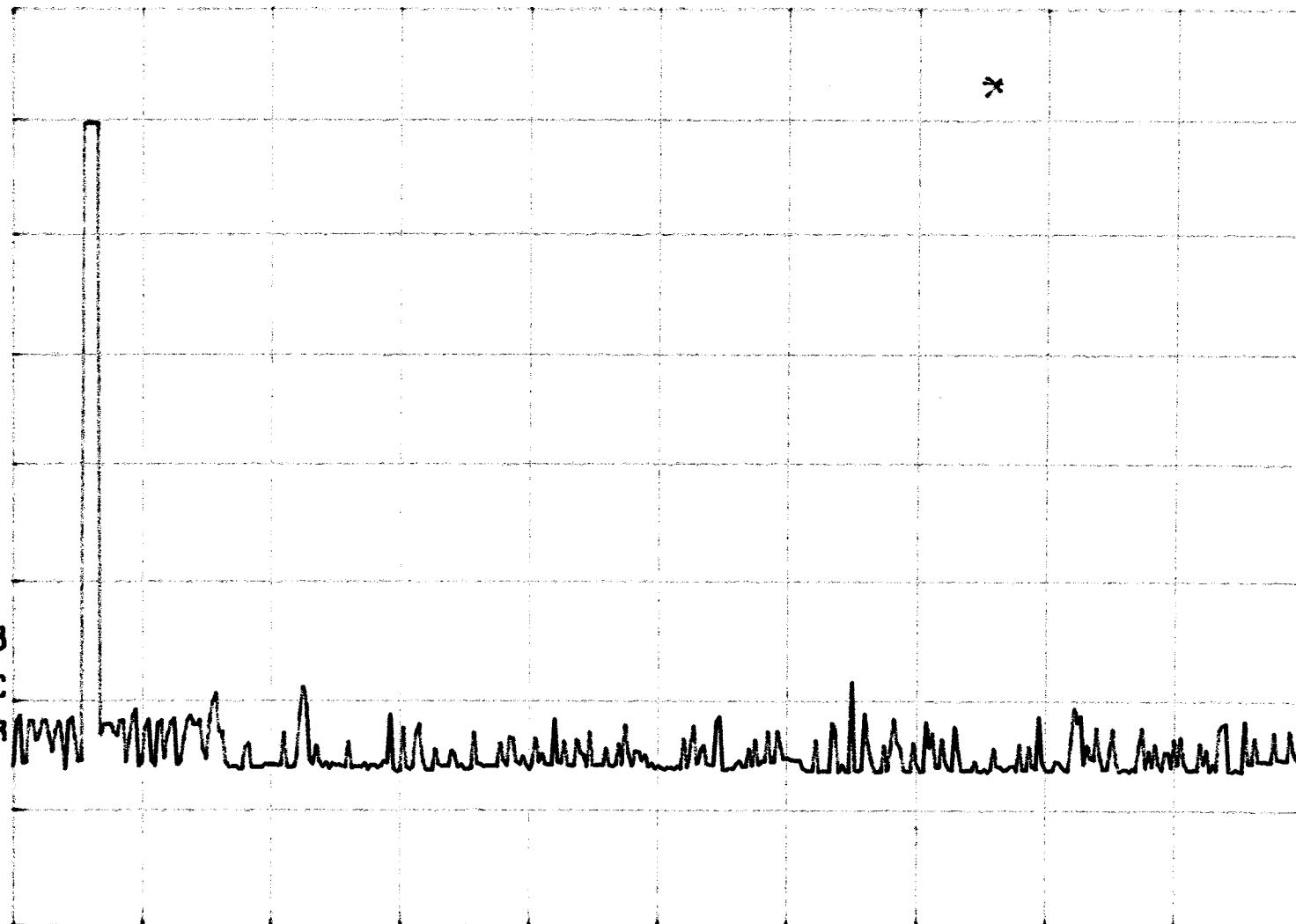
10

dB/

VA SB

SC FC

CORR



CENTER 433.9175 MHz

SPAN 0 Hz

#RES BW 3.0 MHz

#VBW 100 kHz

#SWP 100 sec