


REALTOY INTERNATIONAL LIMITED
DATE : 21 SEPTEMBER 2001
TO WHOM IT MAY CONCERNED

DATE: 21 SEPT. 2001

TO: ITS

ATTN: SILVIA HUI

TEL: 3742 8148

TOTAL: 2 PAGES

RE : THE TURNING PROCEDURE

1. FIRSTLY, AFTER FINISH BONDING OF THE ELECTRONIC COMPONENTS ON THE P.C. BOARD, WE WILL USE THE SPECTRUM ANALYZER TO TEST THE MODULE TO MAKE SURE THE TRANSMISSION FREQUENCY MEETS WITH THE PRE-SET REQUIREMENT. WE WILL TURN THE OSCILLATION COIL TO THE PRE-SET CENTER FREQUENCY WHEN REQUIRED, AND THEN HOLD THE POSITION OF THE OSCILLATION COIL USING HOT WAX.
2. AFTER THE MODULE IS TESTED AND ASSEMBLED TO THE HOUSING AND CONNECTED TO 9V BATTERY, WE WILL RE-TEST ONCE AGAIN THE MODULE BY USING THE SPECTRUM ANALYZER TO TEST THE MODULE TO MAKE SURE THE TRANSMISSION FREQUENCY MEETS WITH THE PRE-SET REQUIREMENT. AND WE SHALL REPEAT THE FINE-TUNING OF THE OSCILLATION COIL UNTIL IT MATCHES THE PRE-SET CENTER FREQUENCY.
3. BESIDES USING THE SPECTRUM ANALYZER, WE ARE ALSO USING A MM-2400 COMMUNICATIONS TESTER TO ASSIST IN TUNING THE FREQUENCY, (THIS INSTRUMENT HAS A FREQUENCY COUNTER THAT CORRECTS TO 5 SIGNIFICANT FIGURES.) WHICH EXCEED THE REQUIREMENT OF 0.0001 MHz THAT IS REQUIRED BY F.C.C.

DETAILS OF SPECTRUM ANALYZER :
BRAND NAME : HAMEG INSTRUMENTS
MODEL NO. : HM501Z

11/F, FLAT A, BLOCK 2, WAH FUNG IND. CENTRE, 33-39 KWAI FUNG CRESCENT, KWAI CHUNG, N.T. HONG KONG

TEL: (852) 2422 4451

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