

QF-20

Required information according to FCC 2.1033(c)(1) – (9)

- (1) Applicant and manufacture:
- (2) WA GOL INDUSTRIAL CO., LTD.
No. 85 Chang Hsing First Street, Tai-tzu Village, Jen-Te Hsiang, Taiwan, R.O.C.
- (3) FCC ID: JEBQF-20
- (4) Installation and Operating Instructions: Please find user's manual attached.
- (5) Type of Emission: 161KF3E (2M+2D: 2 X 32.768 + 2 X48 = 161.5kHz)
- (6) Frequency Range: 174-216 MHz
- (7) Power limit of applicable part: According to Part 74 subpart H, the maximum permissive power is 50mW.
- (8) The DC voltage applied to and DC current in to the several elements of the final RF amplifying device: DC 3.5V, 8mA
- (9) Tune-up Procedure:

QF-20 Tune-up Procedure

1. After AF final amplify via U1, adjust VR1 to control AF level.
2. The Audio frequency is modulated which can get RF signal via modulator T3&D5&Q10
3. Adjust LC T3 to correct the exact frequency.
4. The Osc. Signal coupled to doubler Q7 and get threefold frequency, adjust LC T4&T5 to get better RF level.
5. The RF signal coupled to 2nd doubler Q8 and get threefold Radio frequency, adjust T1&T6 to get better RF level.
6. After RF final amplify, adjust VC1&VC2 to get better RF level.