| GIANT | ELECTR(| ONICS LTI |) . | | |
|-------------|----------------|-------------|------------|----------|-------|
| Title: ALIC | GNMENT PROC | CEDURE | | | |
| Model: T51 | 100F (US) | | | | |
| Document N | No.: ENG-T5100 | 0-08-01 | Signature | Name | Title |
| | | Prepared by | 6 | G.SHAM | A.E |
| | | Reviewed by | Ly | L.PANG | ENG |
| Page No. | 1/6 | Approved by | 1 Indily | A.CHEUNG | A.M |

| Distribution List: | |
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|-----------------------------|--|-----------------------------|--|--------------------|--------|--|--|--|
| | e: Alignment Procedu | | , | <u>.</u> | | | | |
| Model: T5100 (US) Page: 2/6 | | | | | | | | |
| | ment No.: ENG-T5100-08 | -01 | | Issued date: FEB01 | .01 | | | |
| | ared by: Gazy Sham | | Checked by: Leo Pang | Approved by:Andro | | | | |
| | | | Lu 2 | 1 the | 111 | | | |
| A. | A. PCB LEVEL (Test Condition: under CH1) | | | | | | | |
| NO | TTEM (165 | | GNMENT METHOD | <u>-</u> | REMARK | | | |
| 1. | LCD display | | ress and hold the '+' key and '-' ke | y together. | | | | |
| | (Should enter test | | urn on the radio power until a good | | | | | |
| | mode) | a | nd the backlight is on for about 500 | m S. finally, the | | | | |
| | | L | CD should be display '1 ^{CH} ' | _ | | | | |
| | | 3. P | ress 'DOWN' key, then all LCD so | gments should be | | | | |
| | | | nticlockwise displayed. | | | | | |
| 1 | | | inally, all the LCD segments shoul | d be shown for | | | | |
| | | а | bout 500mS as follows: 1888. | | | | | |
| 2. | Standby current | 1. Set A-METER, and RX mode | | | | | | |
| | | 2. C | | | | | | |
| 3. | Talk on current | 1. S | | | | | | |
| | | 2. C | | | | | | |
| 4 | RX VCO | | et RX mode CH14 | | * | | | |
| | | | djust L113 to provide 1.9 VDC± 0.1 | VDC at TP04 on | | | | |
| | | C | H1 ⁻ | | 1 | | | |
| | | | heck TP04 to provide 0.5~2.0 VDC | c on CH1 | | | | |
| 5. | TX VCO | 1 | et TX mode on CH1 | • | * | | | |
| | | | heck TP04 to provide $0.5 \sim 2.0 VDC$ | | | | | |
| | | | heck TP04 to provide $1.4 \sim 2.0 \text{ VD}$ | C on CH14 | | | | |
| 6. | TX Power | | et TX mode CH1 | | | | | |
| Ľ. | | | heck transmit power to provide 25 | | | | | |
| 7. | TX Frequency | | ist C144 to provide 462.5625MHz | | | | | |
| 8. | TX Modulation | | et AF level at 25mv;1KHz,Adjust V | | | | | |
| | & distortion | | ax TX deviation 2.1KHz to 2.2KHz | |] | | | |
| | | | neck input mic level in 0.5~10 mV | to provide normal | | | | |
| | | ı | viation 1.5KHz | | | | | |
| | | | neck the demodulation distortion < | = 5% | | | | |
| | | | udio Frequency Response | | | | | |
| | | | a) Input a 2.0mV 1KHz audio freq | uency to TP05 and | | | | |
| | | | press 'PTT' switch. | 4777 | | | | |
| | | | check the response compare to | 1KHz tone | | | | |
| | | | i) 500Hz: -5.0 to -11dB. | | | | | |
| | | | ii) 2K5Hz: +9 to +4dB | | | | | |
| | | | | | | | | |

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|-----------------------------|------------------------|--|---|-------------------|---------------------------------------|--------|--|
| Title | : Alignment Procedur | re | | - . | · · · · · · · · · · · · · · · · · · · | | |
| Model: T5100 (US) Page: 3/6 | | | | | | | |
| | ment No.: ENG-T5100-08 | -01 | 28 | . P. | Issued date: FEB01 | ,01 | |
| Prepa | red by: Gary Sham- | | Checked by: Leo | Pang | Approved by: And | | |
| | 1 | | | ກ . | 1. | _ | |
| | | | The o | <i>y</i> | 10/10/1 | (UV). | |
| | | | ndition: under | <u> </u> | | | |
| NO | ITEM | | GNMENT METHO | OD | | REMARK | |
| 9. | Rx Audio test | | et RX mode CH7 | | | | |
| | | | et SG RF level to - | | KHz deviation | | |
| | | | KHz modulation Si djust L114 to provi | | tautian france | | |
| | | | utput level at TP124 | | tortion & max | | |
| | | | otate the volume sv | | ion, which give an | | |
| 1 | | | lax audio output at | | , ·· | | |
| | | | heck Max audio ou | | mv | | |
| | | | heck Rx current <1 | | | | |
| | | | heck the 1KHz dist | | | | |
| | | | et SG RF level to - | | kHz deviation at | | |
| | | | KHz audio frequenc | | 4D(C) | | |
| | | a). Check SINAD sensitivity <= -119dBm@ 12dBSINAD at TP124 | | | | | |
| | | 9. Audio frequency response | | | | | |
| | | | Set SG RF level to | | .5kHz deviation at | | |
| | | | 1KHz audio freque | | | | |
| | | b) | Rotate the volume | | | | |
| 1 | | | an output 100mV± | | | | |
| | | | Vary the audio free | | | | |
| | | d, | Check the RX resp | - | 1KHz tone. | | |
| | | | i) 500Hz:+3 | 3.0 to +7.0 dB | | | |
|]] | | 10 | Maximum and Min | | tnut Power | | |
| | | | Set SG RF level to | | | | |
| | | -, | 1KHz audio freque | | | | |
| | | b) | Rotate the volume | switch to the pos | sition, which give | | |
| | | | a maximum output | | | | |
| | | | Check the voltage | | | • | |
| | | d) | Set maximum audi | | | | |
| | | ام | switch to the positi Check the minimum | | | | |
| 10. | Noise- Detector | | et SG to -120dBm v | | | | |
| ^~. | 1,0200 1000001 | | CH7 | midi i.Jixiiz dev | iumoni, iiiliz Ai | | |
| | | | djust VR102 for tra | nsient state @ 10 | OdB SINAD | 1 | |
| | | | neck high state @8 | | | | |
| 11. | Low Battery Detect | 1. L | ow Battery, 4.0+/-0 | .1V level 1, 3.3+ | | | |
| | | | vel3+/-0.1V(speake | er output beep to | ne and indicate | Ĭ | |
| | LED flash). | | | | | | |

| Title: Alignment Procedure |
|--|
| Model: T5100 (US) Page: 4/6 |
| Document No.: ENG-T5100-08-01 Prepared by: Gary Sham Checked by: Leo Pang Approved by: Andrew Cheung B. CASING LEVEL NO ITEM 1. Current Consumption ALIGNMENT METHOD 1. Set A-METER. 2. With volume switch OFF, check the OFF current <10 μA. 3. With volume switch ON, check the standby current <50mA. 4. TX Current a) Press 'PTT' switch and check the TX current <500mA. 2. TX Frequency 1. Check CH1=462.5625MHz± 500 Hz; |
| Prepared by: Gary Sham Checked by: Leo Pang Approved by: Andrew Cheung |
| B. CASING LEVEL NO ITEM ALIGNMENT METHOD REMARI 1. Current Consumption 1. Set A-METER. 2. With volume switch OFF, check the OFF current <10 μA. 3. With volume switch ON, check the standby current <50mA. 4. TX Current a) Press 'PTT' switch and check the TX current <500mA. 2. TX Frequency 1. Check CH1=462.5625MHz± 500 Hz; |
| NO ITEM ALIGNMENT METHOD REMARI 1. Current Consumption 1. Set A-METER. 2. With volume switch OFF, check the OFF current <10 μA. |
| NO ITEM ALIGNMENT METHOD REMARI 1. Current Consumption 1. Set A-METER. 2. With volume switch OFF, check the OFF current <10 μA. |
| 1. Current Consumption 1. Set A-METER. 2. With volume switch OFF, check the OFF current <10 μ A. 3. With volume switch ON, check the standby current <50mA. 4. TX Current a) Press 'PTT' switch and check the TX current <500mA. 2. TX Frequency 1. Check CH1=462.5625MHz± 500 Hz; |
| 2. With volume switch OFF, check the OFF current <10 μ A. 3. With volume switch ON, check the standby current <50mA. 4. TX Current a) Press 'PTT' switch and check the TX current <500mA. 2. TX Frequency 1. Check CH1=462.5625MHz± 500 Hz; |
| μ A. 3. With volume switch ON, check the standby current <50mA. 4. TX Current a) Press 'PTT' switch and check the TX current <500mA. TX Frequency 1. Check CH1=462.5625MHz± 500 Hz; |
| 3. With volume switch ON, check the standby current <50mA. 4. TX Current a) Press 'PTT' switch and check the TX current <500mA. 2. TX Frequency 1. Check CH1=462.5625MHz± 500 Hz; |
| <50mA. 4. TX Current a) Press 'PTT' switch and check the TX current <500mA. 2. TX Frequency 1. Check CH1=462.5625MHz± 500 Hz; |
| 4. TX Current a) Press 'PTT' switch and check the TX current <500mA. 2. TX Frequency 1. Check CH1=462.5625MHz± 500 Hz; |
| a) Press 'PTT' switch and check the TX current <500mA. 2. TX Frequency 1. Check CH1=462.5625MHz± 500 Hz; |
| <pre></pre> |
| 1 |
| 2. Check CH14 =467.7125 MHz± 500 Hz. |
| |
| 3. Noise- Detector 1. Set the distance between antennas of SG and checked When |
| unit to $0.3M \sim 0.5M$. adjusting |
| 2. The antennas of SG and checked unit should be parallel Noise-De |
| to make the electromagnetic field of SG Should |
| 3. radiate equably to the antenna of checked unit. reduce an |
| 4. Set SG to -90dBm with 1.5KHz deviation, 1KHz tone interferen on CH7. |
| on CH7. from othe 5. Adjust VR102 for HIGH state: 10± 2dBSINAD . Instrumer |
| 3. Adjust VR102 for HIGH state: 101 2dBSINAD . Institution and body. |

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|-------|------------------------|---|---|--|--|-----------|
| Title | : Alignment Procedu | re | | | | |
| | lel: T5100 (US) | | | | Page: 5/6 | |
| | ment No.: ENG-T5100-08 | -01 | | | Issued date:Feb01,0 | |
| Prepa | red by: Gary Shape | | Checked by: Leo | Pang | Approved by: Andr | ew Cheung |
| | | 7 | Le 0 | Y | 1 m | dens |
| В. | CASING LEVEL | | | | | |
| NO | ITEM | _ | IGNMENT METHO | | | REMARK |
| | | 1. S. A. g. g. 2. C. 3. S. 4. P. a. 5. R. o. S. 7. C. s. s. A. a. b. c. d. d. 9. M. a. b. c. d. | Get SG RF level to -5 AF, Rotate the voluntive an Max output Check speaker O/P level to -6 Clug the dummy specudio jet. Rotate the volume switch the radiated seample Audio frequency responsive to SG RF level to -6 Check the radiated seample Audio frequency responsive to SG RF level to -9 Check the radiated seample Audio frequency responsive to SG RF level to -9 Check the radiated seample Audio frequency responsive to SG RF level to 1KHz audio frequency responsive to | 50dBm with 1.5kme switch to the evel >85dBspL(50dBm with 1.5kme and dummy witch to the positivity correlativity correlativity correlativity correlativity correlativity correlativity correlativity witch to the positivity (voltage defency), switch to the positivity from 30d quency from 3 | position, which 30cm distance) CHz Dev.;1kHz AF microphone into ion, which give an CHz Dev.;1kHz AF te to the golden 3.5kHz deviation at sition, which give lifference of OHz –3KHz. 5 1KHz tone. out Power 5.5kHz deviation at sition, which give <5%. mmy speaker rotate the volume a minimum output. | REMARK |
| 5. | Audio TX Path CH1 | | speaker –23 to -40 heck the radiated policy lug the dummy spea | ower correlate to | | |
| | | an 3. S a) b) c) 4. A a) b) | ing the dufniny spea indio jet. tandard TX Deviation Input mic level to one 'PTT' switch. Check max dev 1. Check input level if deviation 1.5KHz Indio Frequency Resolution Input a 2.0mv@1K Incrophone and property Check the response i) 500Hz:-5 to 2K5Hz:+9 | on dummy microphe 8KHz <max 'ptt'="" -11db.<="" 0.5~10mv="" audio="" chz="" dev="" e.="" ess="" freque="" in="" io="" p="" sponse="" switch="" td="" to=""><td>one and press <2.5KHz. provide normal ency to dummy</td><td></td></max> | one and press <2.5KHz. provide normal ency to dummy | |

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|--|---|--|---|---|-----------|--|
| Title: Alignment Procedur | re | | | · • | | |
| Model: T5100 (US) | | | | Page: 6/6 | | |
| Document No.: ENG-T5100-08 | -01 | <u> </u> | | Issued date:Feb01,0 | 1 | |
| Prepared by: Gary Shape | | Checked by: Leo | Pang | Approved by: And | ew Cheung | |
| | , <u>-</u> | h | 2 | Shop | In. | |
| B. CASING LEVEL | | | | | | |
| NO ITEM | ALI | GNMENT METH | OD | | REMARK | |
| 6. Function check and Intercom function (between sample and production unit) | For the 2. T. w. s.h. 3. So 4. Pr. 5. Ti m. 6. Pr. 6. Pr. 8. A. Pr. 8. A. Pr. | hen pressing '+' are could also be heard et channel of the sa ress 'PTT' switch to coduction unit, the he sound quality be etal sound. | od key chirp sho buld be clear, no ad '-' or '-' key, clearly. mple and product to intercom betw LED should be a tween both shou the call tone shou are production unif sample. t be heard from to | ot miss the segment, the key tone ction unit CH=11. reen sample and light. Id be clear and no ald be heard clearly it to CH=12, then the speaker of | | |

* Remark:

TX mode:

1. Press and hold PTT button

RX mode:

1. Release PTT button

Power supply: Min DC 3.5v; Max DC4.5v

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| Title: ALIGNMENT PROCEDURE | | | | | | | | | |
| Model: T52 | Model: T5200 (US) | | | | | | | | |
| Document N | Io.: ENG-T5200- | -08-01 | Signature | Name | Title | | | | |
| | | Prepared by | 6 | Gary Sham | A.E | | | | |
| | | Reviewed by | Lo | Leo Pang | ENG | | | | |
| Page No. | 1/6 | Approved by | Anghew. | Andrew Cheung | A.M | | | | |

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| | : Alignment Procedu | | | | | | |
| | lel: T5200 (US) | | P | age: 2/6 | | | |
| | ment No.: ENG-T5200-08 | -01 | | ssued date: Feb01, | 01 | | |
| | ared by: Gary Sham | | | approved by: Ahdr | | | |
| | 4 | \geq | 1- 5 | · lon | Mari | | |
| A. | PCB LEVEL (Tes | t Co | ndition: under CH1) | | | | |
| NO | ITEM | AL | GNMENT METHOD | | REMARK | | |
| 1. | LCD display | 1. P | ess and hold the '+' key and '-' key to | ogether. | | | |
| | (Should enter test | | arn on the radio power until a good ke | | | | |
| | mode) | | d the backlight is on for about 500 m | S. finally, the | | | |
| | | | CD should be display '1 ^{CH} ' | | | | |
| | | | ess 'DOWN' key, then all LCD segn | nents should be | | | |
| | | | iticlockwise displayed. | a aharra fan | | | |
| | | 4.1 | inally, all the LCD segments should b bout 500mS as follows: 1888. | e shown for | | | |
| 2. | Standby current | | et A-METER, and RX mode | | | | |
| 2. | Standby Current | | heck the standby current <50mA DC. | | | | |
| 3. | Talk on current | | et A-METER, and TX mode | | | | |
| · · | | | heck the talk on current <500mA DC | | | | |
| 4. | RX VCO | | et RX mode CH14 | | | | |
| | | 2. Adjust L113 to provide 1.9 VDC± 0.1 VDC at TP04 on | | | | | |
| | | CH14 | | | | | |
| | | 3. C | neck TP04 to provide $0.5 \sim 2.0 \text{ VDC}$ o | n CH1 | ! | | |
| 5. | TX VCO | | et TX mode on CH1 | | | | |
| | | | heck TP04 to provide $0.5 \sim 1.4 \text{ VDC}$ | | | | |
| | | | heck TP04 to provide 1.4 ~ 2.0 VDC o | n CH14 | | | |
| 6. | TX Power | 1 | et TX mode CH1 | 0.10 | | | |
| _ | CTDCCCC TD | - | neck transmit power to provide 25 ~ 2 | 8dBm | | | |
| 7. | CTCSS Tone | 1 | CH1/code1, | | | | |
| | Frequency | 1 | t Tx mode, | эu _a | . : | | |
| 8. | TX Frequency | | eck Tp113 to be within 66.8 Hz to $67.$ st C144 to provide 462.5625 MHz ± 3 | | | | |
| 9. | CTCSS Tone Dev. | | t CH1/CODE1 \cdot AF input level to off | | | | |
| <i>9</i> . | CICBS TOHE DEV. | | 350Hz~600Hz, | CHOCK DE V TO | | | |
| | | | t CH1/CODE38 · AF input level to o | ff check DEV to | | | |
| | | ı | 350Hz~600Hz | 11,01100K 1715 V 10 | | | |
| 10. | TX Modulation | | t AF level at 25mv;1KHz,Adjust VR1 | 01 to provide | | | |
| 10. | & distortion | | ax TX deviation 2.1KHz to 2.2KHz. | ior to provide | | | |
| | | | | provide normal | | | |
| | | | viation 1.5KHz | • | | | |
| | | 5. C | neck the demodulation distortion <= 5 | % | | | |
| | | | idio Frequency Response | | | | |
| | | | | ncy to TP05 and | | | |
| | | 1 | | TT . | | | |
| | | | | Hz tone | | | |
| | | | , | | | | |
| | | | 11) ZNJ11Z . 14.0 to 17.00D | | | | |
| | & distortion | 4. C de 5. C 6. A | neck input mic level in 0.5~10 mV to position 1.5KHz neck the demodulation distortion <= 5 | % ncy to TP05 and | | | |

| | | ~~ . | | · | • | | | |
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| | : Alignment Procedur | re | ī | | | | | |
| | lel: T5200 (US) | | | | Page: 3/6 | | | |
| | ment No.: ENG-T5200-08 | -01 | <u> </u> | | Issued date: Feb01, | | | |
| Ртера | red by: Gary Sham | | Checked by: Leo Pa | ng | Approved by: And | ew Cheung | | |
| | | / | 1 1 | <u> </u> | Mids | en. | | |
| A.] | PCB LEVEL (Tes | t Co | ndition: under | H1) | | <u> </u> | | |
| NO | ITEM (103 | _ | IGNMENT METHOD | | | REMARK | | |
| 11. | Rx Audio test | • | et RX mode CH7 | | | | | |
| | | 2. S | et SG RF level to -50d | iBm with 1.5 | KHz deviation | | | |
| | | | KHz modulation Signa | | | | | |
| | | | djust L114 to provide | minimum dis | tortion & max | | | |
| | | | utput level at TP124 totate the volume switc | sh to the nocit | ion which give an | | | |
| | | | lotate the volume switch lax audio output at TF | | ion, which give all |] | | |
| | | 5. C | heck Max audio outpu | t level >1100 | mv | | | |
| | | | theck Rx current <150 | | | | | |
| | | | theck the 1KHz distortion | | ShUa daviation of | | | |
| | | | et SG RF level to –119 KHz audio frequency. | JUDII WIII 1.3 | TR HOLLBIAND STEAM | | | |
| | | |). Check SINAD sensit | tivity <= -119 | dBm@ | | | |
| | | | 12dBSINAD at TP1 | 124 | | | | |
| | | | udio frequency respon | | | | | |
| | | a |) Set SG RF level to -5 | | .5kHz deviation at | | | |
| | | 1 | 1KHz audio frequenc) Rotate the volume sw | | sition which give | | | |
| | · | | an output 100mV± 5 | | | | | |
| | | c |) Vary the audio freque | | | | | |
| | | d |) Check the RX respon | | 1KHz tone. | | | |
| | | | i) 500Hz:+3.0 | | | | | |
| | | 10 | ii) 2k5Hz: -6.0 Maximum and Minim | | trut Power | | | |
| | | |) Set SG RF level to -5 | | | | | |
| | | " | 1KHz audio frequenc | | | | | |
| | | b |) Rotate the volume sw | | sition, which give a | | | |
| | | | maximum output. | TTD10457-144 | | | | |
| | | |) Check the voltage at ') Set maximum audio (| | | | | |
| | | " | switch to the position | | | | | |
| | | L e | Check the minimum | | | | | |
| 12. | Noise- Detector | 1. S | et SG to -120dBm wit | | | | | |
| | | | n CH7 | | AID CINIA D | | | |
| | | | djust VR102 for transi heck high state @8 to | | NGR SINAD | | | |
| 13. | CTCSS tone Detect | | et CH1/CODE1and SC | | with 67Hz tone | , | | |
| 15. | | frequency,400Hz deviation. | | | | | | |
| | | 2. Check the Pin25 of IC106 to be low, and high for RF off. | | | | | | |
| | | | epeat item 1 and 2 for | | 3Hz) | | | |
| 1.4 | T ami Datta D | | epeat item 1 and 3 for | | 117 Jane 12 | | | |
| 14. | Low Battery Detect | | ow Battery, 4+/-0.1V l .0+/-0.1V level3 (speal | | | | | |
| | | £ | ndicate LED flash). | kor output bet | p conc and | | | |
| | | | | | | | | |
| | | | | | | | | |

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| Title | : Alignment Procedu | re | | | | | |
| Model: T5200 (US) Page: 4/6 | | | | | | | |
| | ment No.: ENG-T5200-08 | 3-01 | , No.T. | | Issued date: Feb01, | 01 | |
| Prepa | red by: Gary Sham | | Checked by: Leo l | Pang | Approved by: And | | |
| | | > | h | 2 | the | low. | |
| | CASING LEVEL | | | | | <u> </u> | |
| NO | ITEM | AL | IGNMENT METHO |)D_ | | REMARK | |
| 1. | Current Consumption | 1. S | et A-METER.With | volume switch (| OFF, check the | | |
| | ĺ | | OFF current <10 μ A | | | | |
|] | | 2. W | Vith volume switch | ON, check the st | andby current | | |
| ĺ | | | 50mA. | | i | | |
| 2. | TV F | | Press 'PTT' switch a | | | | |
| 2. | TX Frequency | | heck CH1=462.562 | | | • | |
| | | 2. C | heck CH14 =467.71 | .25 MHz± 500 l | Hz. | | |
| | | | | | | | |
| 3. | Noise- Detector | 1. Se | et the distance betw | een antennas of | SG and checked | When | |
| | | | ait to $0.3M \sim 0.5M$. | | | adjusting | |
| | | 2. T | he antennas of SG a | ınd checked unit | should be parallel | Noise-Det., | |
| | | to make the electromagnetic field of SG 3. radiate equably to the antenna of checked unit. Should reduce any | | | | | |
| | | 3. ra | reduce any | | | | |
| | | | et SG to -90dBm wi | ith 1.5KHz devi | ation, 1KHz tone | interference | |
| | | | 1 CH7 . | OTT | TO CONT. | from other | |
| | | 5. A | djust VR102 for HI | JH state: 10± 2 | GRSINAD . | Instruments | |
| | | 1 | | | | and body | |

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|--|--|---|--|----------------------------|--------|--|
| Title: Alignment Procedure | | | | | | |
| Model: T5200 (US) | | | | Page: 6/6 | | |
| Document No.: ENG-T5200-08-01 | | | | Issued date: Feb01,01 | | |
| Prepared by: Gary Shape | | | Checked by:Leo Pang | Approved by: Andrew Cheung | | |
| 1 | | | $\int n$ | 1.0 | | |
| The state of the s | | | | | | |
| B. CASING LEVEL | | | | | | |
| NO | ITEM | AL | ALIGNMENT METHOD | | REMARK | |
| 6. | Function check and | 1. Turn on the radio power, the backlight should be on | | | | |
| | Intercom function | For a while and a good key chirp should be heard at | | | | |
| | (between sample and | the same time. | | | | |
| | production unit) | 2. The LCD display should be clear, not miss the segment | | | | |
| | | when pressing '+' and '-' or '-' key, the key tone | | | | |
| ľ | 1 | should also be heard clearly. | | | | |
| | | 3. Set channel of the sample and production unit CH=11. | | | | |
| | | | 4. Press 'PTT' switch to intercom between sample and | | | |
| | | Production unit, the LED should be light. | | | | |
| | | 5. The sound quality between both should be clear and no metal sound. | | | | |
| | 6. Press 'CALL' key, the call tone should be heard clearly each other. | | | | | |
| l | 7. Change channel of the production unit to CH=12, then | | | | | |
| | Press 'PTT' switch of sample. | | | | | |
| | 8. Any noise should not be heard from the speaker of | | | | | |
| | | Production unit . | | | | |
| | | 9. Press any key, the dead problem should not occur. | | | | |
| | | 10. Set CH1/code5,SG to be CH1/code4 and | | | | |
| | code6,check the speaker mute. | | | | 1 | |
| | 11. Set CH1/code37,SG to be CH1/code36 and | | | | | |
| | code38, check the speaker mute. | | | | | |
| l | 12. Repeat item 10 and 11 for CH14. | | | | | |

* Remark:

TX mode:

1. Press and hold PTT button

RX mode:

1. Release PTT button