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| Issue | YMD | Azden Adjustment Standard | Category | |
| Adjusted date | YMD | 33-535-01(35XT) Adjustment level | No. | |

1

1. Adjustment of VCO

- (1) Set frequency C H 30-01 (566.125MH z)
- (2) Connect volatage meter to TP201
- (3) Confirm DC meter indicates 1.2 V
- (4) Set frequency C H 33-47(589.875MHz) .Confirm DC voltage meter indicates 2 . 4 V or less.

2. Transmitting power adjusment

- (1) Set frequency C H 32-01(578.125MHz).Do not connect antenna.(S W 202 is set to C N 203 side)
- (2) Connect Spectrum analyzer to C N 203
- (3) Confirm that the spurious is 40dB or less lower than the carrier frequency
- (4) Connect power meter to CN203.Adjust VR202 so that the meter indicates 20mW.
- (5) Adjust both cores of T200 so that level defference between CH30-01 and CH33-47 become to be the least.(Within 1mW)
- (6) Set frequency CH32-01.Re-adjust VR202 so that the power meter indicates 20mW.

3. Transmitting frequency adjustment (Set the frequency C H 32-01)

- (1) Connect frequency counter to C N 203.
- (2) Adjust VC201 so that the frequency counter indicates 578.125MHz ± 1kHz

4. AF modulation adjustment(Turn on SW2)

- (1) Connect oscillator output to microphone connecting teminal(TP10,TP11)
- (2) Set the oscillator output power -60dBm(at frequency 1kHz)
- (3) Adjust VR100 so that TP100 AF level shows -31dBm
- (4) Adjust VR201 so that the modulation depth become 5.0kHz ± 0.5kHz
- (5) Adjust VR2 so that AF level at the LCD display shows one bar

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33-535-01 Adjustment Standard

Category

No.

5. Tone signal adjustment

- (1) Turn off SW2
- (2) Adjust VR3 so that tone modulation become $\pm 3.2\text{kHz} \pm 0.2\text{kHz}$
- (3) If the case that AF modulation get out of the alignment through 5-(2),re-conduct the clause 4-(4).

After the adjustment,turn SW202 to antenna side

6. Display check procedure ($\pm 0.1\text{V}$ can be the margin for error)

- (1) Confirm battery level shows all three bars at 2.4V input
- (2) Confirm battery level shows two bars at 2.3V
- (3) Confirm battery level shows one bar at 2.15V
- (4) Confirm battery level blinks one bar at 2.0V input

7. Other confirming points

- (1) Set up receiver for communication operation check
- (2) Connect microphone to the receiver.Confirm no abnormal sound comes from the monitor.
- (3) Confirm operaing correctly after making impact on the body
- (4) Confirm the frequency is 566.125MH z \sim 589.875MH z (125KHz steps)
- (5) Factory default position : Power OFF, AUDIO OFF, Channel 30-01