

AX1 PCB Adjustment & Confirmation Method					
No	Item	Details	Adjustment Point	Settings/Standards	Notes
1	Initial Setting	Set PCB and initial setting		PCB power switch = ON	
2	Power supply input	Supply power at battery terminal.		1.5V	
3	Consumption Current Confirmation	Consumption current at 1.5V.		Less than 70mA	
4	Internal Voltage Confirmation	Output voltage of DC-DC Converter.		3.0V	
5	Frequency Adjustment	Adjust each channel to the specified frequency.	VR2 by spectrum analyzer.	Specified frequency +/-5kHz.	
6	RF Output Level Confirmation	Check by spectrum analyzer.		+3dBm - +10dBm	
7	Spurious Level Confirmation	Check by spectrum analyzer.		Less than 1uW.	
8	User Volume Setting	Set to 11 o'clock position.	VR4		
9	Deviation Adjustment	Adjust by audio output from receiver.	VR3/Audio analyzer	Receiver output 0dBv +/- 1dB	Audio generator -20dBv
10	Distortion Ratio Confirmation	Adjust by audio output from receiver.		Less than 2%	Audio generator -30dBv
11	Frequency Response Confirmation	Adjust by audio output from receiver.		+/-3.5dB over 50Hz to 15kHz (ref. 1kHz)	Audio generator -40dBv
12	Power Switch Operation Confirmation 1	Measure consumption current at power switch OFF.		0mA	
13	Power Switch Operation Confirmation 2	Confirm LED 1 flash when power switch ON.	Tip of optical fiber jig		
14	Low Voltage Indication Confirmation 1	Lights off LED 1.	Tip of optical fiber jig	Power supply voltage 1.15V.	
15	Low Voltage Indication Confirmation 2	Lights LED 1.	Tip of optical fiber jig	Power supply voltage 1.05V.	
16	Low Voltage Operation Confirmation	Check at DC-DC convertor output voltage.		Power supply voltage 0.9V.	within 3.0V +/- 0.1V