

FCC Class II Permissive Change Request Letter

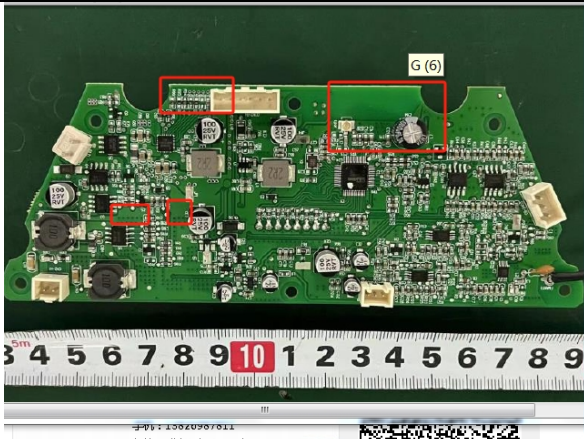
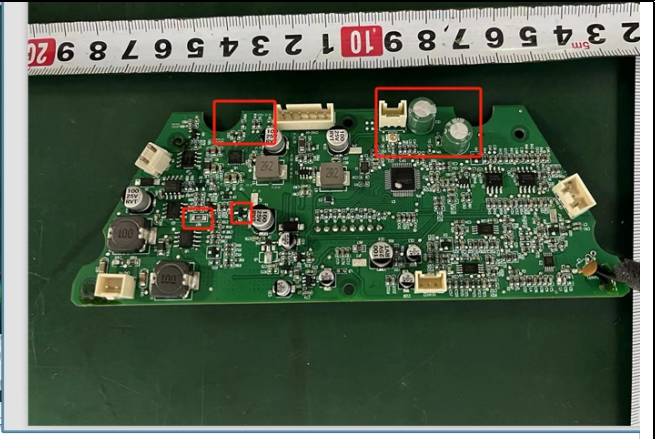
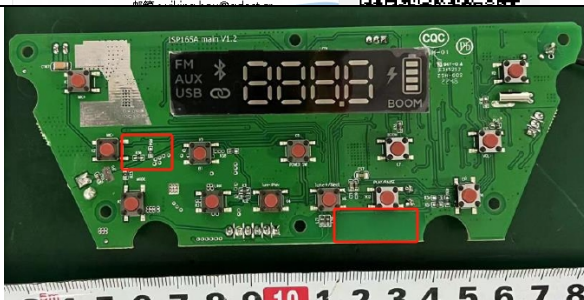
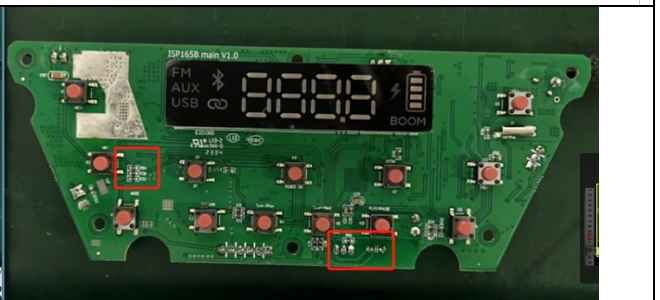

Date: 2023/11/24

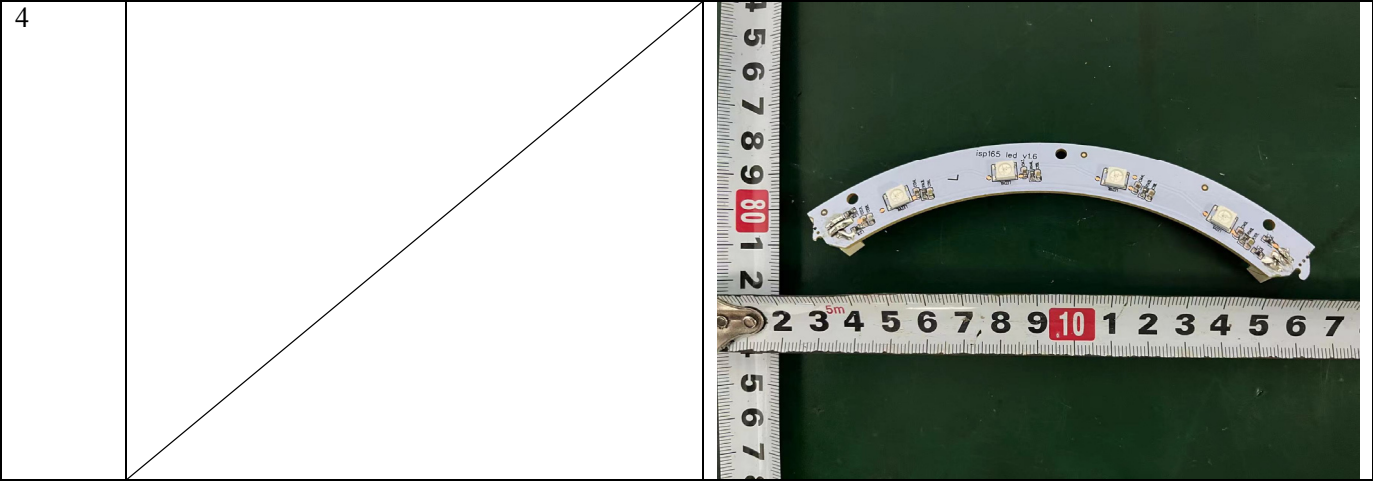
To FCC:

RE: FCC Permissive II Change Request for Company: ION Audio, LLC FCC ID: 2AB3E-ISP165A

We are submitting an application for a class II permissive change to the FCC approval of the Company name: ION Audio, LLC, product description: Bluetooth device (FCC ID: 2AB3E-ISP165A, Original Grant Date: 12/22/2022). The transmitter module itself has not changed. Here are the changes:

Added new models TRAILBLAZER™ ROAR and iSP165B. The new model adds LED strips over the old model, as well as LED driver circuit components.

Serial number	Original model	New model
1		
2		
3		



New models add the following circuit elements

coupler	A2005-WV03,PHB-3A,P=2.0mm	3 CON6B,CON6L,CON6BL
Electrolytic capacitance	1000uF/6.3V,±20%,-40/+105℃,Φ8*9mm,P=3.5mm, 4mm	2 CE1,CE2
Patch resistance	1/10W,10Ω,±1%,0603	8 R143,R144,R145,R146,R143L,R144L,R145L,R146L
Patch magnetic beads	PB1608-601,600Ω,100MHZ,1A,0603	6 L22,L23,L24L,L25L,L22L,L23L
LED	TO-5050BC-GRBHGG-IC,5050,RGB,SMD	8 LED8,LED9,LED10,LED11,LED8L,LED9L,LED10L,LED11L
Chip ceramic capacitor	104,VDC50,±10%,X7R,0603	2 C137,C137L
Chip ceramic capacitor	102,VDC50,±5%,NPO,0603	2 C138,C138L
Chip ceramic capacitor	1UF,VDC25,±10%,X7R,0603	8 C134,C143,C144,C145,C134L,C143L,C144L,C145L
Chip ceramic capacitor	47uF,VDC6.3V,±20%,X5R,0603	8 C114,C115,C116,C117,C114L,C115L,C116L,C117L

Sincerely,

Client’s signature:

Name: Hill Lien
Title: Director of Compliance
Applicant Company: ION Audio, LLC