



FCC Application Cover Letter

November 15, 2020

To whom it may concern,

The following application and supporting documentation are being submitted for the purpose of an Original FCC Certification under 15.247

Manufacturer : Audio Precision Inc.
Model : APX517B
Radio Type : Blue tooth module v4.2

FCC ID: 2AM72-B517-BT3

The APx series is a family of test and measurement equipment which is used in R&D and professional production environments for the purpose of measuring audio performance characteristics via wired connections. When configured with the Azul 2 module the APx can make the same audio performance measurements of unwired devices over a Bluetooth link - providing Source and Sink functions.

The APx Platform consists of a common chassis, rear panel, front panel bezel, upper and lower covers, internal vertical and horizontal metal partitions, backplane assembly and power supply that can be configured by the installation of a module into the available front panel location. By choosing a module the APx can accommodate 2 Audio Input channels, 2 Audio Generator channels, 2 channels of digital audio I/O and Bluetooth I/O for connection to the EUT. The internal modules and the power supply of the APx are filtered, decoupled, separated, partitioned and shielded to prevent interference between the modules. The APx modules are not functional on a standalone basis or in equipment other than the APx. In order to be functional, the modules must be installed in the APx chassis using APx control Software.

<u>Model Number</u>	<u>Audio Output Channels</u>	<u>Audio Input Channels</u>
APX517B	2	2

The “Bluetooth DUO” (Azul 2) Bluetooth module consists of a single 3 x 8-inch multilayer Pcb with 2 isolated layers of 360-degree RF shielding. The first layer of RF shielding covers the RX/TX active circuitry, the output filter, and the I/O ports. The second layer of RF shielding covers the first layer of shielding and the complete PCB assembly. Connections to and from the Antenna ports are made with double shielded coaxial cable with SMA bulkhead and cable terminations.

The attached supporting technical reports have been generated by Element Materials Technology, 22975 NW Evergreen Parkway Suite 400, Hillsboro Oregon 97124

Sincerely,

A handwritten signature in black ink that reads "William Bunnell". The signature is fluid and cursive, with "William" on the top line and "Bunnell" on the bottom line.

William Bunnell
Certification Engineer
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