



(636) 745-7757 Fax: (636) 745-2874

January 12, 2006

TUV America, Inc. TCB 10040 Mesa Rim Road San Diego, CA 92121

RE: LIMITED MODULAR APPROVAL

Mittler Brothers requests a Limited Modular Approval (LMA) for their transmitter because the Grantee (Mittler Brothers) can demonstrate that it will retain control over the final installation of the device, such that compliance of the end product is assured. If compliance with one or more of the numbered requirements, listed below, cannot be demonstrated, it may be possible to obtain a "Limited Modular Approval" (LMA). This will be issued in those instances where the Grantee can demonstrate that it will retain control over the final installation of the device, such that compliance of the end product is assured. Mittler Brothers compliance (or non-compliance) to each of the 8 requirements is listed below:

- 1. The modular transmitter must have its own RF shielding. This is intended to ensure that the module does not have to rely upon the shielding provided by the device into which it is installed in order for all modular transmitter emissions to comply with Part 15 limits. It is also intended to prevent coupling between the RF circuitry of the module and any wires or circuits in the device into which the module is installed. Such coupling may result in non-compliant operation.
- A1. Comply: The Mittler Brothers device is unshielded, and passed testing unshielded.
- 2. The modular transmitter must have buffered modulation/data inputs (if such inputs are provided) to ensure that the module will comply with Part 15 requirements under conditions of excessive data rates or over-modulation.
- A2. Comply: The Mittler Brothers device does not have a data input.
- 3. The modular transmitter must have its own power supply regulation. This is intended to ensure that the module will comply with Part 15 requirements regardless of the design of the power supplying circuitry in the device into which the module is installed.

- A3. Comply: The Mittler Brothers device has its own power supply regulation.
- 4. The modular transmitter must comply with the antenna requirements of Section 15.203 and 15.204(c). The antenna must either be permanently attached or employ a "unique" antenna coupler (at all connections between the module and the antenna, including the cable). Any antenna used with the module must be approved with the module, either at the time of initial authorization or through a Class II permissive change. The "professional installation" provision of Section 15.203 may not be applied to modules.
- A4. Comply: The Mittler Brothers device uses a unique antenna connector.
- 5. The modular transmitter must be tested in a stand-alone configuration, i.e., the module must not be inside another device during testing. This is intended to demonstrate that the module is capable of complying with Part 15 emission limits regardless of the device into which it is eventually installed. Unless the transmitter module will be battery powered, it must comply with the AC line conducted requirements found in Section 15.207. AC or DC power lines and data input/output lines connected to the module must not contain ferrites, unless they will be marketed with the module (see Section 15.27(a)). The length of these lines shall be length typical of actual use or, if that length is unknown, at least 10 centimeters to insure that there is no coupling between the case of the module and supporting equipment. Any accessories, peripherals, or support equipment connected to the module during testing shall be unmodified or commercially available (see Section 15.31(i)).
- A5. Comply: The Mittler Brothers device was tested stand-alone and is battery powered, and was attached to its peripheral, a loadcell.
- 6. The modular transmitter must be labeled with its own FCC ID number, and, if the FCC ID is not visible when the module is installed inside another device, then the outside of the device into which the module is installed must also display a label referring to the enclosed module. This exterior label can use wording such as the following: "Contains Transmitter Module FCC ID: XYZMODEL1" or "Contains FCC ID: XYZMODEL1." Any similar wording that expresses the same meaning may be used. The Grantee may either provide such a label, an example of which must be included in the application for equipment authorization, or, must provide adequate instructions along with the module which explain this requirement. In the latter case, a copy of these instructions must be included in the application for equipment authorization.
- A6. Comply: The transmitter will be labeled with the FCC ID and the transmitter's final container will have a label on the outside that states: Contains FCC ID; TWW-50520A.

- 7. The modular transmitter must comply with any specific rule or operating requirements applicable to the transmitter and the manufacturer must provide adequate instructions along with the module to explain any such requirements. A copy of these instructions must be included in the application for equipment authorization. For example, there are very strict operational and timing requirements that must be met before a transmitter is authorized for operation under Section 15.231. For instance, data transmission is prohibited, except for operation under Section 15.231(e), in which case there are separate field strength level and timing requirements. Compliance with these requirements must be assured.
- A7. Comply: There are no specific rules or requirements. Adequate instructions will be provided.
- 8. The modular transmitter must comply with any applicable RF exposure requirements. For example, FCC Rules in Sections 2.1091, 2.1093 and specific Sections of Part 15, including 15.319(i), 15.407(f), 15.253(f) and 15.255(g), require that Unlicensed PCS, UNII and millimeter wave devices perform routine environmental evaluation for RP Exposure to demonstrate compliance. In addition, spread spectrum transmitters operating under Section 15.247 are required to address RF Exposure compliance in accordance with Section 15.247(b)(4). Modular transmitters approved under other Sections of Part 15, when necessary, may also need to address certain RF Exposure concerns, typically by providing specific installation and operating instructions for users, installers and other interested parties to ensure compliance.
- A8. Comply: There are no special applicable RF exposure requirements. Adequate instructions will be provided.

Sincerely,

Muchal C. Mittler

President





(636) 745-7757 FAX: (636) 745-2874

October 14, 2005

TUV America, Inc. TCB 10040 Mesa Rim Road San Diego, CA 92121

RE: REQUEST OF CONFIDENTIALITY

Pursuant to Sections 0.457(d)(1)(ii) and 0.459 of the Commission's Rules, the Applicant hereby requests confidential treatment of information accompanying as outlined below:

Schematics, Parts List, Operating Description

The above materials contain trade secrets and proprietary information not customarily released to the public. The public disclosure of these matters might be harmful to the Applicant and provide unjustified benefits to its competitors.

The Applicant understands that pursuant to Rule 0.457(d)(1)(ii), disclosure of this Application and all accompanying documentation will not be made before the date of the Grant for this Application.

Sincerely,

Michael C. Mittler

President

636-745-7757

636-745-2874(fax)





(636) 745-7757 Fax: (636) 745-2874

P.O. Box 110 Foristell, Missouri 63348 10 Cooperative Way Wright City, MO 63390

January 12, 2006

TUV America, Inc. TCB 10040 Mesa Rim Road San Diego, CA 92121

To Whom It May Concern:

We, Mittler Corporation, are doing business as (d/b/a) the following:

Tanner Racing Products By Mittler Bros. Machine and Tool Mittler Bros. Machine and Tool

As a result, we are also, and have been, referred to by the following:

Tanner By Mittler
Tanner Racing Products
Tanner Racing Products, Inc.
Mittler Bros
Mittler Bro
MB

The above-mentioned names are used in reference to the following device:

Ultimate RF Wireless Race Scales (Part #: 50520A)

If you have any questions please feel free to contact.

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Sincerely,

Michael C. Mittler

President





(636) 745-7757 Fax: (636) 745-2874

Division of Mittler Corp.
P.O. Box 110 Foristell, Missouri 63348
10 Cooperative Way Wright City, MO 63390

January 12, 2006

TUV America, Inc. TCB 10040 Mesa Rim Road San Diego, CA 92121

RE: LIMITED MODULAR APPROVAL

To Whom It May Concern:

Mittler Corporation requests a Limited Modular Approval (LMA) for device Ultimate RF Wireless Race Scales (part number: 50520A).

Sincerely,

Michael C. Mittler

President