R41 Pass-By Noise Testing Hardware Layout – Single Mini Input Module

5 Ahr Li Ion Battery RLACS112L / Or Vehicle Power Supply

Laser Light Barrier (RLACS189)

SATEL Radio* RL DGPS Radio*

Vehicle or VBOX Micro Input Module

MFD (VBDSP03-24)*

Speed, RPM, Throttle and Gear sent to PC for VBTS R41 Plugin

Sound Pressure Levels sent to VB3i

B&K2250 Sound Level Meters*

5 Ahr Li Ion Battery RLACS112L

Configure in Sound Level Meter Mode

MFD (VBDSP03-24)*

*Optional display to show the rider vehicle parameters such as speed, RPM and throttle

*Optional radios that can only be used with a VBOX3i RTK (VB3iSLR) and RTK Base Station as a substitute for the laser light barrier to trigger the start of the test

*Due to the SLM units needing to be located on the same side of the track to connect to only 1 Mini Input Module, a microphone extension cable for one of the SLM units is required and must be able to pass under the track.

MOTORCYCLE MOUNTED

RLACS253 Rugged Equipment Case Available

ROAD SIDE

RLACS252 Rugged Equipment Case Available