

Exhibit 2 – Description of Experimental Transmitting Equipment

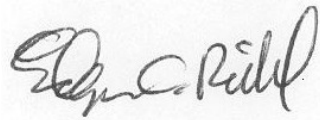
802.11g Radiative Test Setup Description

Please refer to the block diagram attached to this Exhibit (page 2). Shure has designed this test setup to analyze and measure the amount of interference from future unlicensed devices to wireless microphones. Since no unlicensed devices exist that operate in the vacant TV channels, an off-the-shelf 802.11g wireless LAN product is used as the future unlicensed device.

The 802.11g wireless LAN contains an Access Point component (fixed) and a PCMCIA component (mobile) which are setup to operate normally in the 2.4 GHz frequency band at full output power. The 802.11g signal is sampled by a power divider and mixed with a signal generator to translate the 802.11g signal into the vacant TV channels. The translated 802.11g signal is then band-pass filtered to 5 MHz and amplified to a maximum power of 100mW and transmitted into an antenna with a gain of 6 dB.

The Wi-Fi Access Point shown on the diagram is manufactured by D Link Corporation; FCC ID: KA22002090029-1.

The Wi-Fi PCMCIA card shown on the diagram is also manufactured by D Link Corporation. Its FCC ID is: KA2DWLAG650A3.



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**Unlicensed Device Interference
Measurement Setup**

