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Subject: **Addendum to Atheros AP48 Access Point Users Guide**

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This Addendum supersedes the Atheros AP48 Access Point Users Guide, which is dated March 2003 in the footer.

This addendum contains specific information that defines operating modes, bands, and AP48 usage not identified in the Users Guide. The lists below pertain to the AP48 and to its installation.

AP48 Information

1. The AP48 will be used for automotive research, in vehicles and corporate R&D centers. It will not be used for residential use.
2. It will be operated in the 802.11a mode.
3. It will operate in the frequency bands from 5.25GHz to 5.35GHz, and 5.725GHz to 5.85GHz.
4. Operation in other modes and frequency bands associated with 802.11b, 802.11g and turbo modes will be disabled.
5. All operation will be disabled in the lowest UNII band, from 5.15GHz to 5.25GHz.

Installation Instructions

1. Mount one Antenna (model MAANAT0102) on the vehicle rooftop and either connect it directly to the AP48 via the antenna's integral coaxial cable or connect it to the AP48 via a suitable length of additional coaxial cable, using connector adapters as required. The antenna cable attaches to the AP48 at the SMA connector marked "Ant1".
2. A second, identical antenna can be rooftop-mounted for diversity. It is connected to the AP48 at the SMA connector marked "Ant2", in the same manner as the first antenna.
3. Ensure that all antennas are mounted at a distance greater than 20cm from any person, during normal operation.
4. Secure AP48 in vehicle and connect AP48 to DENSO-supplied 5V DC power adapter.
5. No other transmitters or transmitting antennas can be installed within 20 cm of the AP48 or the AP48 antennas.
6. Connect host PC to AP48 via Ethernet connection.

Regulatory Compliance Information

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.