

ATTESTATION

December 23, 2003

Subject: ISM module output power.

The ISM module is a dual antenna port transceiver, and is able to accommodate a variety of antennas.

The module can be used for high performance diversity receive applications, as a result of its' dual ports, when high gain antennas are employed. High gain antennas provide for: improved system performance, better receive performance, improved spectrum use with lower far end powers, and improved system performance. Diversity allows improved system performance through selection of the best listener port.

In weaker fringe conditions, the use of a high gain antenna for receive, as opposed to lower gain antennas, provides improved receive performance, but results in the need to reduce transmit conducted power to comply with FCC rules.

Such is the case with the ISM module, and is reported as such in the compliance verification report being submitted by Bay Area Compliance Labs.

When using a high gain antenna, M/A-COM's professional staff of installers have complete instructions on turning down the conducted power output, as detailed in sections 8.1 (page 45), 9.4.2 (page 66), and 11 (page 80) of the Installation Manual. These manuals reside at the end users installation as well.

M/A-COM wishes for this performance feature to be reviewed as a designed-in capability of the ISM module, intentional in nature, and not a performance anomaly revealed at the time of compliance verification testing. A speedy review and Equipment Authorization grant is desired.

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