

From: Larry Crawford [Larry@Malibunetworks.com]
Sent: Wednesday, November 20, 2002 7:17 PM
To: 'Roland Gubisch ITS/ES-Box'
Subject: RE: FCC ID: QGQ-AM581 - Final issues

Hi Roland:

Please find attached updated installation manual.

All references to 8 dBi antenna, power set access/instructions have been removed to reflect product tested.

Also added antenna cable component and loss to "Product Names and Numbers".

Please let me know ASAP if you require anything else.

Thanks for your help,

Larry

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Larry Crawford
Director of Engineering

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-----Original Message-----

From: Roland Gubisch ITS/ES-Box [mailto:RWG@ETLSemko.com]
Sent: Wednesday, November 20, 2002 8:55 AM
To: 'Jas Dhaliwal @icacorp'
Subject: FCC ID: QGQ-AM581 - Final issues

Jas:

Regarding the Installation Manual:

! It refers to four antennas: 8 omni, 10 omni, 11 directional and 14 directional dBi. The test report refers to only three: 10 omni, 13 directional and 14 directional dBi.

The FCC instructions for TCB review state: "Measurements should also be made on the lowest gain antenna, so that the EUT is operating at its highest available output power, in order to test for case radiation."

This would require the 8 dBi omni to be tested. Please indicate if the 8 dBi antenna will be available, and if so why it was not tested.

2) it refers to a maximum output power of 160 mW; the highest measured output power according to the test report is 113 mW. Please comment.

3) There is no information in the Installation Manual indicating what maximum power settings should be selected for each antenna. Please comment.

The FCC instructions for TCB review state: "The installation Manual must contain adequate instructions such that the correct transmit power can be chosen for any antenna being used."

Thank you,
Roland Gubisch
ITS