



Engineering and Testing for EMC and Safety Compliance

From: Rhein Tech Labs (ATCBINFO@rheintech.com)  
Re: FCC ID: I28-QL420352  
Applicant: Zebra Technologies Corporation  
Correspondence Reference Number: 8043  
731 Confirmation Number: TC906593  
Date of Original Email: 04/28/2003

1) Please explain/verify/demonstrate that output power is not saturated so that SAR results are valid.

Cisco has confirmed that the output power measured during testing was within Cisco's manufacturing tolerances and would not be saturated. Please see the following email from Cisco for an explanation:

From: Jim Nicholson at Cisco  
Sent: Tuesday, May 06, 2003 9:31 AM

We calibrate these radios in the factory to 100 mW average power, and there is a +/-2 dB tolerance on the calibration. Add in a peak to average ratio of 1-1.5 dB for CCK waveforms, and a 150 mW peak power level is not out of the question.