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January 29, 2002

Joe Dichoso
FCC Application Processing Branch
Colombia, MD

Dear Joe:

This is in response to your request for additional information regarding FCC ID KDZLXE6726M, set forth in your correspondence reference number 21532. Regarding item :

- 1) External photos of host and antenna requested: New photo exhibit uploaded, entitled 'Addendum 3'. Also, the list of Access Point antennas originally filed has been shortened. Please see revised list, Table 1 from Page 5 of original report, submitted as separate exhibit entitled 'Amendment 2'.
- 2) Updated RF Safety statement in our Operator's Guides to state that the device is not to be co-located with other transmitters. Revised RF Safety Statement is shown in revised RF Safety Statement exhibit; see item 4 below for revision details.
- 3) Confidential letter from Cisco requested; letter has been uploaded as exhibit.
- 4) Clarify RF Safety Exhibit. New exhibit uploaded, entitled 'Amendment 3'. The revision makes changes to pages 3 – 6 to remove references to the KDZLXE6726P (portable) filing, update the antenna list, update the conducted power output, and revise safety statements to comply with item 2 above. Page 21 revised to correct typographical error on FCC ID.
- 5) Bandedge plots and data demonstrating compliance in the restricted band 2485.5 MHz – 2500 MHz have been uploaded as separate exhibit, entitled 'Addendum 1'.
- 6) The unique connector used is an MMCX type connector.
- 7) AC line conducted tests apply to the Access Point hosts only. All other hosts are battery powered. Test report has been uploaded as exhibit, entitled 'Addendum 2'.
- 8) Output power – requested 100 mW, data shows 52 mW. Revised output power data uploaded as exhibit, entitled 'Amendment 1'.
- 9) The device has two ports that **do not** transmit simultaneously. Data and plots of comparative conducted emissions between right and left ports has been uploaded as separate exhibit, entitled 'Left vs right ports'. No notable difference between ports.

10) Compliance with modular approval requirements:

- The device was tested standalone, by utilizing a PCMCIA extender card that brings the EUT outside of the host PC. Additional test setup photo uploaded as exhibit.
- The device has its own RF shielding. Internal shields can be viewed in the internal photo exhibit. External shield may be viewed in the external photo exhibit.
- The device has its own voltage regulation – it cannot be operated over 5.5 Vdc input.
- The device has its own data buffering.
- The device complies with the antenna requirements of Section 15.203 & 15.204(c) by employing a smaller than normal footprint, MMCX type connector. When used in an Access Point host, the connector accessible is an R-TNC type. All antennas offered for sale with this device by LXE are included in the filing.

In correspondence ref # 21533, for KDZLXE6726P, you requested that the following information be uploaded as exhibits in this file also:

- Schematic, block diagram, and operational description has been uploaded as exhibits.
- Processing gain data has been uploaded as a separate exhibit.

Sincerely,

A handwritten signature in blue ink, appearing to read "DC Massey", with a stylized flourish at the end.

D.C. Massey
Lead Regulatory Engineer