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The Enterprise Mobility Company™

Regulatory Engineering

January 4, 2005

Subject: Response to Correspondence Reference Number: 28236
731 Confirmation Number: EA558855
FCC ID H9P2121160
Applicant: Symbol Technologies Inc

1) Per 2.1033(b)(3) please submit operating/installation instructions for transmitter in final product.

1) Response: See Uploaded file "MC30XX Regulatory Guide.pdf" and "MC30XX Poster.pdf"

2) Please submit internal photos showing module and antenna exact and relative placements within the case sections.

2) Response: See Uploaded File "H9P2121160 Internal Photographs" (See photo on page A3, A4, and A6)

3) Original filing under this FCC was Limited Modular Approval with "cabled" antennas. EMC test setup photos are unclear and seem to show same cabled antennas were used for this filing, which does not seem applicable if this device has internal antennas. Please clarify EMC test setups and/or submit setup photos showing details of EUT placement and connections.

3) Response: The antennas are internally mounted - See "H9P2121160 Internal Photographs" page A2, A3, A6, A25, and A29 for antenna positioning.

4a) Please summary table for product-case versions intended to be covered by this filing. Submit extra device and SAR setup photos, e.g., side view, as part of this reply, if appropriate.

4a) Response: There are two versions of the terminal, one with the barcode scan engine built in; see Uploaded File "H9P2121160 Internal Photographs" (See photo A1 and A2). On the top photograph of page A2 the scan engine is shown removed, with the antennas clearly visible on either side. The other version has the scan engine on top of the terminal; see Uploaded File "H9P2121160 Internal Photographs" (See photo A21 and A22). On the top photograph of page A21 the scan engine is shown with the yellow ribbon cable disconnected, with the antennas clearly visible on either side of the main assembly. Preliminary testing at the lab established the "Worst Case" configuration, see Test report note:

*The above 4 models has been verified. Model 1 with RS232 accessory was found to be the worst case. So, only this model will be shown in this test report.*

4b) If all product-case versions were not tested, for both EMC and SAR, please explain how test results on file account for the other versions.

4b) Response: See FCC Test Report for a list of the modes that were tested. "Section 2.3 Test Modes" page 5 for details on the two configurations of each of the two models of the terminal that were tested for this submission.

Please also reference the note at the bottom of "Section 2.3 Test Modes"

*The above 4 models have been verified. Model 1 with RS232 accessory was found to be the worst case. So, only this model will be shown in this test report.*

5) 5.2 GHz-band SAR report refers to EUT being set to 802.11b channel 6 - please explain.

5) Response: The SAR report that was originally uploaded was for 2.4 GHz only. See page 29 of 30 for 2.4 GHz SAR Measurement results.

Additionally see file: "H9P2121160 SAR Test Report 5 GHz Part I,II.pdf" and "H9P2121160 SAR Test Report 5 GHz Part III.pdf" for 5 GHz SAR Data and file "H9P2121160 Test Report 5 GHz.pdf" for 5 GHz EMC test data.

If there are any additional questions or clarifications that can be quickly answered I can be reached at O# 631-738-5134 or C# 631-827-9385.

Respectfully,

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