

Correspondence Summary

Q & A

April 5, 2007

SUBJECT: SIEMENS AG (GERMANY) - FCC ID: LYHMPC11V1

TCB question

1. FCC part 15.205 and IC filing A8.5/Band-edges – section 5.8.4.1: The band above 2483.5MHz is a restricted band as defined in 15.205. As a result, band-edge emissions must meet the absolute limit of part 15.209 (Avg = 54dBuV/m and Peak = 74dBuV/m). The 20dBc limit applies to emissions outside restricted bands only. For example, emissions in the band 2390-2400MHz just have to meet the 20dBc limit. Please see Delta marker method as described in Public Notice DA00-705 (attached – last page of document). It should be shown that emissions reported at 59.19, 57.37, and 62.25 also comply with the avg limit of 54dBuV/m.

Applicant's answer:

1. Under section 5.8.4.1 we have performed the measurement conducted on the band edges with maximum power (0dB setting). On the conducted prints, we have shown the levels in dBµV. Due to the fact, that FCC 15.205 do require radiated emission limits in the restricted band, we have measured all antennas radiated in the restricted bands. For this measurement, please see section 5.5.4.1 Page 32-37. The reduction of the power levels with certain antennas was a result of the radiated band edge measurements according to 15.205. Please confirm, if this is sufficient.

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