NEC PHILIPS

NEC PHILIPS UNIFIED SOLUTIONS

Federal Communications Commission
Equipment Authorization Branch
7435 Oakland Mills Road
Columbia, MD 21046

Date: 2008-01-25

Request of Class II Permissive Change

NEC Philips Unified Solutions Nederland B.V.
FCC ID : UTCAP200-001
FCC Part 15D Certification

Gentlemen,

This is to request a Class II Permissive Change for FCC ID: UTCAP200-001, originally granted on June 22nd 2007. The major changes filed under this application are described in the annex to this letter. If you have any questions regarding this application, please feel free to contact me at the address given below.

Sincerely,

Signature:

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Title: Advisor regulatory compliance
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Date: 2008-01-21

Annex to request of Class II Permissive Change FCC-ID: UTCAP200-001

Up to now we have developed different AP200 access points for each geographical area in the world (US: UPCS frequencies and EU: DECT frequencies). For some applications (For example: Luxury cruise ships), it is required that an access point can automatically switch between various geographical frequency ranges (Cruise ship in multiple geographic areas). Switching is automated and fully under control of a manufacturer supplied Global Positioning System (GPS).

The DECT chipset used in all the current access points is the same, and the frequency synthesizer will be factory programmed to receive and transmit at one of the allowed frequencies in a geographic region (For example UPCS band in the US). The only component difference in these regional variants is the RF input filter. This filter is an accurate ceramic band pass filter that is tuned to one of the worlds regional frequency ranges as given below. The North American variant uses the same filter as for Latin America, because it is a subset.

Europe:	1881-1897 MHz	10 fixed frequencies
China:	1900 – 1920 MHz	10 fixed frequencies
Latin America:	1910- 1930 MHz	10 fixed frequencies
North America:	1920- 1930 MHz	5 fixed frequencies

The new multiband access point that we are now developing has to be approved for Europe (R&TTE: R&TTE CE) and the USA (FCC: Part 15). For this new product we will use the identical product as covered by FCC-ID: UTCAP200-001 and replace the band pass filter by a filter that passes all frequencies from 1880 – 1930 MHz.

Change 1
To implement the new multi band product we will use the identical product covered by FCC-ID: UTCAP200-001 and replace the band pass filter by a filter that passes all frequencies from 1880 – 1930 MHz. Notice that this input filter only affects the characteristics of the receive part; it has no influence on the transmit part.

Change 2
To implement the new multi band product, the firmware of the product covered by FCC-ID: UTCAP200-001 will be adapted to support selection of the operating mode (EU or US operation) under control of a manufacturer supplied Global Positioning System (GPS).