July 23, 2009   **Regulatory Engineering**

To: Andy Leimer

Response to FCC Correspondence Number: 37826

Re: FCC ID: UZ7MC9596
Correspondence Reference Number: 37826
731 Confirmation Number: EA289632

Question 1)
Please provide an Operational Description exhibit that describes
the electronic circuitry of the device.

Response 1)
See file MC9596_Theory_of_Operation.pdf

Question 2)
Please explain if this device does DFS detection as a Master
device, or if just a client device without DFS detection
capabilities.

Response 2)
The MC9596 is a client device without DFS Detection capabilities.

Question 3)
Upload a letter exhibit from the manufacturer stating that the
client software and associated drivers will not permit
transmission of beacon signals on DFS frequencies.

Response 3)
See file FCC DFS - No "Ad HOC" Declaration .pdf

Question 4)
T-coil Test Report - Item 8 System Verification. I do not
understand text write up.

Response 4)
The reports have been updated. See files MC9596_Report_HAC_FCC_(T-
Coil).pdf

Question 4a)
What is a Bruel Kjaer and how does it relate to the CMU shown in
the diagram.

Response 4a)
Bruel Kjaer is an Audio and Vibration analyzer manufacturer. The
Bruel Kjaer 3560C audio analyzer is used to make sure that the
output audio is exact 1 KHz.

Question 4b)
There is no note at the bottom of the page and Bruel Kjaer is not
listed in the instruments list.

Response 4b)
The Bruel Kjaer 3560C Audio analyzer has been added to the
instrument list. See files MC9596_Report_HAC_FCC_(T-Coil).pdf and
MC9596_Report_HAC_FCC_(M-Rateing).pdf

Question 4c)
Establishing the zero reference level into the CMU is a required
when applying a -16dBmo test signals.

Response 4c) See Chapter 8 System Verification in file
MC9596_Report_HAC_FCC_(T-Coil).pdf

Question 4d)
Speag has engineering notes or a better description is required.
Please explain and modify test report as applicable.

Response 4d)
The reports have been updated. See files MC9596_Report_HAC_FCC_(T-
Coil).pdf

Question 5) HAC Test reports are only applicable to PCE
application and should be removed speeded from other applications

Response 4d) Agree, the MC9596 does not support VoIP(WLAN). HAC
compliance was only demonstrated for the GSM portion of the
device.

Question 6) HAC disclosure - This device requires that the manual
or disclosure is required for HAC. This device requires a general
HAC disclosure (1) and (2) Disclosure requirement relating to
handsets with Wi-Fi capability. Please acknowledge in response
that this requirement is understood and manual or disclosure the
will provide appropriate information.

Response 6) HAC disclosure is located in the Users Guide. See file
MC9596_Users_Guide.pdf

Question 7) Upload a letter exhibit from the manufacturer stating that the client software and associated drivers will not permit transmission of beacon signals on DFS frequencies

Response 7) See file FCC DFS - No "Ad HOC" Declaration .pdf

Respectfully,

Mark S. Luksich

DMTS, Regulatory Engineering
631-738-5134
Mark.Luksich@motorola.com