Technical Assessment

Date: March 20, 2010/4/19

Federal Communication Commission
Authorization and Evaluation Division
7435 Oakland Mills Road
Columbia, MD 21046

Attn: OET Dept.
Ref: Technical assessment for FCC ID: VQF-RT3090BC4
Original Grant date: 12/11/2009
Applicant: Ralink Technology Corporation

Dear Examiner.

EMC Assessment:

The Antenna being equipped on this platform contains the equivalent type (PIFA) as does in the originally FCC certified module, and antenna gain reported in the given application is lower than originally FCC certified module. Hence, EMC of intentional radiation emitted by Bluetooth module remain compliant and no farther compliant test is needed.

SAR Assessment:
As per KDB616217 D-01, when the maximum transmitter and antenna output power are <=60/f(GHz) (mW), SAR evaluation is typically not required for FCC or TCB approval.

Peak Output Power = 2.8314 (mW) <= 24.19(mW) (60/2.480G)

Remark: conducted power can be reference to original modular report concerning to MPE, FR9D0210 by SPORTON LAB.

Hence, collocated and individual SAR is not required and can be exempted.

I, undersigned, certify all the preliminary assessment is regulated in accordance with relevant FCC regulatory provision.

Sincerely yours,

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