

2015/8/11

FEDERAL COMMUNICATIONS COMMISSIONS
 Authorization and Evaluation Division
 7435 Oakland Mills Road
 Columbia, MD 21046

Subject: SAR Test Exclusion Justification

FCC ID: SQK-MBH7BTZXXC2 ,
 Model: MBH7BTZ40 Type A, MBH7BTZ40 Type B, MBH7BTZ42, MBH7BTZ43, MBH7BTZ50 Type A,
 MBH7BTZ50 Type B, MBH7BTZ52, MBH7BTZ53 Type A, MBH7BTZ53 Type B

Dear Sir/Madam,

We, FUJITSU COMPONENTLIMITED hereby submit the justification for SAR test exclusion from FCC KDB447498 Section 4.3.1 which sets exemption criteria based upon the device output power, frequency and antenna to user separation distances.

Measurement Result:

Maximum output power

Maximum peak output power at antenna input terminal (dBm)	Maximum Antenna Gain (dBi)	Maximum output power: EIRP (mW)
3.69	1.4	3.23

Formula for SAR test exclusion threshold

$$\left[\frac{(\text{max. power of channel, including tune-up tolerance, mW})}{(\text{min. test separation distance, mm})} \right] \cdot \sqrt{f(\text{GHz})} \leq 3.0$$

Maximum output power: EIRP (mW)	Minimum separation distance from antenna to user (mm)	Frequency (GHz)	Result
3.23	5	2.402	1.00

Conclusion:

Since the calculation result does not exceed the SAR test exclusion threshold, no SAR test is required.

Sincerely Yours,

Client's signature:



Client's name/ title

Takeshi Wakui / Engineer

Contact information/address

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