

FCC RF EXPOSURE REPORT

FCC ID: ATMCR375

Project No. : 1701C249A
Equipment : Bluetooth stereo Audio Module
Model : B426-AB1510
Applicant : Onkyo Corporation
Address : 2-1 Nisshin-cho,neyagawa-shi Osaka Japan
572-8540
According: : FCC Guidelines for Human Exposure IEEE
C95.1

B T L I N C .

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Table for Filed Antenna

Ant.	Manufacturer	Model Name	Antenna Type	Connector	Gain(dBi)
1	N/A	N/A	PCB	N/A	2.3

GENERAL CONCLUSION:

The upper tolerance is included in this calculation.

Maximum measured transmitter power:

OutputPower (dBm)	Output Power (mW)	Limit (mW)
-0.85	0.82	10

According to FCC KDB447498 V06, Appendix A, SAR Test Exclusion Thresholds for 100 MHz – 6 GHz and ≤ 50 mm

The maximum measured output peak power of this EUT is 0.82mW, less than 10mW at 5mm distance.

Conclusion: No SAR evaluation required since transmitter power is below FCC threshold

MPE calculation:

MPE CALCULATION METHOD:

Calculation Method of RF Safety Distance:

$$S = \frac{PG}{4\pi^2} = \frac{EIRP}{4\pi^2}$$

where:

S = power density

P = power input to the antenna

G = power gain of the antenna in the direction of interest relative to an isotropic radiator

R = distance to the center of radiation of the antenna

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TEST RESULTS

Antenna Gain (dBi)	Antenna Gain (numeric)	Peak Output Power (dBm)	Peak Output Power (mW)	Power Density (S) (mW/cm ²)	Limit of Power Density (S) (mW/cm ²)	Test Result
2.3	1.6982	-0.85	0.8222	0.00028	1	Complies

Note: the calculated distance is 20 cm.