

RF Exposure / SAR Statement

No. : 31IE0214-SH-01-A

	Applicant	:	Sony Corporation
	Type of Equipment	:	Wireless Stereo Headphone
	Model No.	:	MDR-NWBT10
	FCC ID	:	AK8MDRNWBT10

Sony Corporation declares that Model : Wireless Stereo Headphone complies with FCC radiation exposure requirement specified in the FCC Rules 2.1093. The "MDR-NWBT10" has 1.26 mW of conducted Peak Output power and 1.56 mW of EIRP. This kind of equipment is below 60/frequency[MHz] W (TCB Exclusion List) so that SAR testing is excluded. The Following calculation is the reference data for 20cm distance.

RF Exposure Calculations:

The following information provides the minimum separation distance for the highest gain antenna provided with the "MDR-NWBT10" as calculated from FCC OET Bulletin 65 Appendix A, Table (B) Limits for General Population / Uncontrolled Exposure. This calculation is based on the highest EIRP possible from the system, considering maximum power and antenna gain, and considering a 1.0mW/cm² uncontrolled exposure limit. The Friis formula used was:

$$S = (P * G) / (4 * \pi * r^2)$$

Where

P =	1.26	mW (Maximum peak output power)	
G =	1.23	Numerical Antenna gain; equal to	0.90 dBi
r =	20.0	cm	

For: MDR-NWBT10 **S = 0.00031 mW/cm²**

UL Japan, Inc.

Shonan EMC Lab.

1-22-3 Megumigaoka, Hiratsuka-shi, Kanagawa-ken, 259-1220 JAPAN

Telephone : +81 463 50 6400

Facsimile : +81 463 50 6401