

RF Exposure / SAR Statement

No. : 31IE0008-SH-01-A

Applicant	:	Sony Corporation
Type of Equipment	:	FM/AM Digital Media Player
Model No.	:	DSX-S310BTX
FCC ID	:	AK8DSXS310BT

Sony Corporation declares that Model : FM/AM Digital Media Player complies with FCC radiation exposure requirement specified in the FCC Rules 2.1091. The "DSX-S310BTX" has 1.66 mW of conducted Peak Output power and 0.85 mW of EIRP. This equipment is considered as a mobile device 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 "DSX-S310BTX" 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 =	1.66	mW (Maximum peak output power)	
G =	0.51	Numerical Antenna gain; equal to	-2.90 dBi
r =	20.0	cm	

For: DSX-S310BTX **S = 0.00017 mW/cm²**

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