RF Exposure / SAR Statement (Reference)
No. : 11170944S

Applicant	:	**Sony Corporation**
Type of Equipment	:	**Wireless Transceiver Module**
Model No.	:	**BNSY25**
FCC ID	:	**AK8BNSY25**

Sony Corporation declares that Model : BNSY25
complies with FCC radiation exposure requirement specified in the FCC Rules 2.1091.

RF Exposure Calculations:

The following information provides the minimum separation distance for the highest gain antenna provided with the "BNSY25" as calculated
from FCC Part 1, §1.1310, TABLE 1 (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/cm^2 uncontrolled exposure limit. The Friis formula used was:

$$S1 = (P * G) / (4 * \pi * r^2)$$

Where

P =	**36.56**	**mW (Maximum average output power)**	
G =	**1.39**	**Numerical Antenna gain; equal to**	**1.43 dBi**
r =	**20.0**	**cm**	

For: BNSY25 **S1 = 0.01011 mW/cm^2**

Even taking into account the tolerance, this device can be satisfied with the limits.

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for 5 GHz band

Applicant	**:**	**Wistron NeWeb Corporation**
Type of Equipment	**:**	**WLAN/BT Module**
Model No.	**:**	**DHSR-SY30**
FCC ID	**:**	**NKR-SY30**

Wistron NeWeb Corporation declares that Model : DHSR-SY30
complies with FCC radiation exposure requirement specified in the FCC Rules 2.1091.

RF Exposure Calculations:

The following information provides the minimum separation distance for the highest gain antenna provided with the "DHSR-SY30" as calculated from FCC Part 1, §1.1310, TABLE 1 (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/cm^2 uncontrolled exposure limit. The Friis formula used was:

$$S2 = (P * G) / (4 * \pi * r^2)$$

Where

P =	**24.55**	**mW (Maximum average output power)**		
G =	**1.38**	**Numerical Antenna gain; equal to**	**1.39**	**dBi**
r =	**20.0**	**cm**		

For: DHSR-SY30 **S2 = 0.00673 mW/cm^2**

Even taking into account the tolerance, this device can be satisfied with the limits.

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for Bluetooth

Applicant	**:**	**Wistron NeWeb Corporation**
Type of Equipment	**:**	**WLAN/BT Module**
Model No.	**:**	**DHSR-SY30**
FCC ID	**:**	**NKR-SY30**

Wistron NeWeb Corporation declares that Model : DHSR-SY30
complies with FCC radiation exposure requirement specified in the FCC Rules 2.1091.

RF Exposure Calculations:

The following information provides the minimum separation distance for the highest gain antenna provided with the "DHSR-SY30" as calculated from FCC Part 1, §1.1310, TABLE 1 (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/cm^2 uncontrolled exposure limit. The Friis formula used was:

$$S3 = (P * G) / (4 * \pi * r^2)$$

Where

P = 7.38 mW (Maximum average output power)
G = 1.33 Numerical Antenna gain; equal to 1.25 dBi
r = 20.0 cm

For: DHSR-SY30 **S3 = 0.00196 mW/cm^2**

Even taking into account the tolerance, this device can be satisfied with the limits.

For simultaneous operation of BNSY25 and DHSR-SY30

S = 0.01880 mW/cm^2
S=S1+S2+S3

Combination of the simultaneous operation of BNSY25 and DHSR-SY30:
- BNSY25 Wireless LAN (All band)
- DHSR-SY30 Wireless LAN (only 5150 MHz - 5250 MHz or 5725 MHz - 5850 MHz)
- DHSR-SY30 Bluetooth (Bluetooth or Bluetooth Low Energy)

Each maximum EIRP value has been used for S1, S2 and S3.

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