

## RF Exposure Compliance Declaration

In consideration of the comparison made in this declaration below between the two Siemens Bluetooth™ products „*Siemens Gigaset B427data*” (FCC ID: L82-GIG-B427-DATA), which is tested according to the American exposure standard **ANSI C95.1** and „*Siemens Bluetooth™ Module SieMo-S50037*” due to power level of *SieMo-S50037* is **no** exceeding of the limit of the whole body averaged SAR to be expected, even under following conditions:

- In a separation **distance of 0.0 cm** from Human Body.
- By using an antenna with a maximum gain of up to 16 dBi.

## comparison between two Siemens Bluetooth™ products

### 1. Siemens Gigaset B427data:

a) Summary of the relevant Characteristics:

FCC ID:	L82-GIG-B427-DATA
Standard:	Bluetooth™
Frequency Band:	2.4 GHz ISM Band (2.400 - 2.4835 MHz)
Operation frequency range:	2402 - 2480 MHz
Frequency Channels:	79
<b>Peak radiated (EIRP) Output Power (antenna is integrated on the device):</b>	<b>max. 20 dBm (100 mW)</b>
Antenna gain:	1,4 dBi
Duty cycle:	5/6

b) SAR Measurement and –Resultat:

Maximum Measurement result for the Siemens Gigaset B427 data in a <b>distance of 0.0 cm</b> from the phantom for six orientations:	0.521 W/kg
SAR limit according to the Standard of <b>ANSI C95.1</b> (Relevant spatial peak SAR limit averaged over a mass of 1 g):	1.6 W/kg

### 2. Siemens Bluetooth™ Module SieMo-S50037:

a) Summary of the relevant Characteristics:

Standard:	Bluetooth™
Frequency Band:	2.4 GHz ISM Band (2.400 - 2.4835 MHz)
Operation frequency range:	2402 - 2480 MHz
Frequency Channels:	79
<b>Max. Peak conducted Output Power (at the antenna connector):</b>	<b>2 dBm</b>
Antenna gain (antenna not integrated on the radio module):	3 dBi
Duty cycle:	5/6