

## **RF Exposure / SAR Statement**

### **No. : 10622710S-E**

<b>Applicant</b>	<b>:</b>	<b>Murata Manufacturing Co., Ltd.</b>
<b>Type of Equipment</b>	<b>:</b>	<b>Communication Module</b>
<b>Model No.</b>	<b>:</b>	<b>Type1DR</b>
<b>FCC ID</b>	<b>:</b>	<b>VPYLB1DR</b>

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Murata Manufacturing Co., Ltd. declares that Model : Type1DR  
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 "Type1DR" 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<sup>2</sup> uncontrolled exposure limit. The Friis formula used was:

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

Where

<b>P =</b>	<b>27.73</b>	<b>mW (Maximum average output power)</b>	
<b>G =</b>	<b>1.26</b>	<b>Numerical Antenna gain; equal to</b>	<b>1.00 dBi</b>
<b>r =</b>	<b>20.0</b>	<b>cm</b>	

**For: Type1DR**

$$S = 0.00695 \text{ mW/cm}^2$$

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

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**UL Japan, Inc.**

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