

## **SECTION 7: Maximum Peak Output Power, Section 15.247(b)(3)**

**[Conducted]**

### **Test Procedure**

The Maximum Peak Output Power was measured with a spectrum analyzer connected to the antenna port.

Test data : APPENDIX 3  
Test result : Pass  
Test instruments : MBTR10, MCC-04

## **SECTION 8: Out of Band Emission and Restricted Band Edge, Section 15.247 (c)**

**[Conducted]**

### **Test Procedure**

The Out of Band Emission (Conducted) was measured with a spectrum analyzer connected to the antenna port.

Test data : APPENDIX 3  
Test result : Pass  
Test instruments : MBTR10, MCC-04

**[Radiated]**

### **Test Procedure**

EUT was placed on a platform of nominal size, 1m by 1.5m, raised 80cm above the conducting ground plane.

Test was made with the antenna positioned in both the horizontal and vertical planes of polarization.

The Radiated Electric Field Strength intensity has been measured in the semi anechoic chamber (19.2x11.2x7.7m) with a ground plane and at a distance of 3m.

The measuring antenna height was varied between 1 to 4m and EUT was rotated a full revolution in order to obtain the maximum value of the electric field intensity.

The measurements were performed for both vertical and horizontal antenna polarization.

In any 100kHz bandwidth outside the frequency band in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator confirmed 20dB below that in the 100kHz bandwidth within the band that contains the highest level of the desired power, based on a radiated measurement.

The noise was measured at each position of all three axes, X, Y and Z to compare the level, and the maximum noise level was recorded.

Test data : APPENDIX 3  
Test result : Pass  
Test instruments : MTR-01, MCC-01/12, MCC-05, MCC-06/11, MHA-05, MPA-01  
MBA-03, MLA-03, MPA-04, MAT-07, MHA-01, MBF-01/02/03

## **SECTION 9: Peak Power Density, Section 15.247(d)**

### **Test Procedure**

The Power Density was measured with a spectrum analyzer connected to the antenna port.

Test data : APPENDIX 3  
Test result : Pass  
Test instruments : MBTR10, MCC-04

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