

Test No.13

Name of Test:	<i>Radio Frequency Exposure</i>	Test Standard:	<i>FCC OET Bulletin 65 &RSS-GEN</i>
Tested By:	WEI LI	Test Date:	03/31/2021-04/12/2021

Minimum Standard: Public Exposure to Radio Frequency Energy Levels (1.1307 (b)(1)) Limits:

From §1.1310 Table 1 (B),
for Public $S = 1.0 \text{ mW/cm}^2$
for Professional, $S = 5.0 \text{ mW/cm}^2$

Method of Measurement: $d = 0.282 * 10^{((P + G) / 20) / \sqrt{S}}$ Equation (1)
 $S = 0.0795 * 10^{((P + G)/10) / d^2}$ Equation (2)
where
 d = MPE distance in cm
 P = Power in dBm
 G = Antenna Gain in dBi
 S = Power Density Limit in mW/cm^2

Equation (1) and the measured peak power is used to calculate the MPE distance.
Equation (2) and the measured peak power is used to calculate the Power density.

Test Result:

Test Data: NA

Calculation:

For this EUT, max emission level is under the limit set in Section 15.209. No RF hazard need to be concerned.

- Reference CFR 1.1310, Table 1: Limits for Maximum Permissible Exposure (MPE), Section (B): Limits for General Population/Uncontrolled Exposure