

**MPE CALCULATION**  
**FCC ID: 2AOHB-G00005A**

RF Exposure Requirements: 47 CFR §1.1307(b)  
 RF Radiation Exposure Limits: 47 CFR §1.1310  
 RF Radiation Exposure Guidelines: FCC OST/OET Bulletin Number 65  
 EUT Frequency Band: 5 GHz 5180- 5320MHz, 5500-5720MHz, 5745-5825MHz  
 5210-5290MHz, 5530-5610MHz, 5690-5775MHz  
 Limits for General Population/Uncontrolled Exposure in the band of: 1500 - 100,000 MHz  
 Power Density Limit: 1 mW / cm<sup>2</sup>

Equation:  $S = PG / 4\pi R^2$  or  $R = \sqrt{PG / 4\pi S}$   
 Where, S = Power Density  
 P = Power Input to Antenna  
 G = Antenna Gain  
 R = distance to the center of radiated antenna

EUT: Fixed Wireless Access Customer Premises Equipment (CPE), model: GZR1028/GZR1032  
 (5 GHz Band): Power = 22.79 dBm, Array Gain + Antenna Gain = 9.01 dBi, Power density = 0.1928 mW/ cm<sup>2</sup>

Type	CH Freq (MHz)	Conducted Power (dBm)	Antenna Gain (dBi)	Directional Gain (dBi)	Tune-Up Tolerance	Tolerance Max Power (dBm)	Measurement Distance (cm)	Calculated MPE (mW/cm <sup>2</sup> )	MPE Limit (mW/cm <sup>2</sup> )	Pass/Fail
5 GHz WLAN	5795	22.79	6	9.01	±1dB	23.79	25	0.1928	1	Pass

The Above Result had shown that the Device complied with MPE requirement.

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