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Attention: Reviewing Engineer

The HZB-U58-S60 radio is designed for fixed-mount point-to-point applications. The device is integrated to an array antenna with maximum gain of 21dBi.

The maximum EIRP for the HZB-U58-S60 as defined in FCC 15.407 is +53 dBm. For the worst case EIRP of +53dBm, the power density at 1.5 meters from an antenna is:

$$S = \text{EIRP}/4\pi R^2 = 7.1 \text{ W/m}^2 = 0.71 \text{ mW/cm}^2 < 1 \text{ mW/cm}^2$$

Where: S = Power density

R = distance to the center of radiation of the antenna

Therefore, the power density is compliant with the limit for General Population/ Uncontrolled Exposure as specified in rule 1.1310.

If you should have any questions regarding this submission, please feel free to contact the undersigned.

Yours truly,

A handwritten signature in black ink, appearing to read "Caroline Yu".

Caroline Yu
Homologation Product Manager
Western Multiplex Corporation