



Federal Communications Commission  
7435 Oakland Mills Road  
Columbia, MD 21046  
08/29/2023

To Whom it May Concern:

Radar hereby requests a Permissive Change Class II of the radio equipment certification for the RS510 certification number, FCC ID: 2BAMERS510A. This product differs from the originally approved product in the following manner:

Antenna Characteristic: Based on improved manufacturing techniques the antenna gain can be held to tighter tolerances.

Current antenna gain (worst-case polarity): 6.12dBi – 9.28dBi

Updated antenna gain (worst-case polarity): 7.04dBi - 8.62dBi

I do attest that the Field strength and/or RF Output readings remained the same or are lower than the originally approved product and that they did not increase therefore qualifying this product for this application type.

Sincerely,

**Craig Owens**

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