

Request for Class II Permissive Change

Connected Solutions Group LLC.

FCC ID: [2A5KA-EG120KNA](#)

Date: 2025/03/18

To: Federal Communication Commission
Equipment Authorization Branch
7435 Oakland Mills Road
Columbia, MID 21046

Please be notified that we, the undersigned, (**Connected Solutions Group LLC.**) declare that the reasons for this Class II permissive change are as below:

1. Change the model name.
2. Add the mainboard and the control circuit.
3. Change the LTE antenna

New Antenna Gain:	LTE Band 2:	3.13dBi	LTE Band 4:	2.17dBi
	LTE Band 5:	1.42dBi	LTE Band 7:	0.96dBi
	LTE Band 12:	0.23dBi	LTE Band 13:	-0.56dBi
	LTE Band 14:	-0.85dBi	LTE Band 25:	3.25dBi
	LTE Band 26:	1.42dBi	LTE Band 30:	2.19dBi
	LTE Band 41:	1.25dBi	LTE Band 48:	3.31dBi
	LTE Band 66:	2.24dBi	LTE Band 71:	0.71dBi
	LTE CA_5B:	1.42dBi	LTE CA_7C:	0.96dBi
	LTE CA_41C:	1.25dBi		

Above changes won't impact the protocol and RF performance for the original other frequency bands.

The original certification date is: 03/18/2025.

Sincerely,

Print Name: Jason Truda

Title: Director of Product Development

Signature:



On behalf of Company: Connected Solutions Group LLC.

Telephone: 804-396-5985

E-mail: jtruda@thisiscsg.com