

Date: 2025/3/5

Federal Communications Commission

Authorization and Evaluation Division

7435 Oakland Mills Road

Columbia, MD 21046

Attn: OET Dept.

Ref: FCC new Grants for FCC ID: 2BBNQ-RVU3

Applicant: Deer Management System LLC

Dear Examiner,

This device contains a certified module which is FCC ID: XMR201909EG91NAX, Grant date: 2019/11/29

The major change filed under this module under host is:

1. Antenna change

Different	module	Host
Model	EG91-NAX	X Ultra 3.0
Band	WCDMA BandII,BandIV,BandV LTE Band2,4,5,12,13,25,26	LTE Band 2, 4, 5, 12, 13,25, 26 2.4G BT/Wi-fi
Product name	LTE Module	Trail Camera

Antenna Gain	The Module used the actual EIRP test values							<table border="1"> <thead> <tr> <th rowspan="2">Band</th> <th colspan="2">Maximum Tune up Power</th> <th rowspan="2">Antenna Gain (dBi)</th> <th rowspan="2">Numeric Gain</th> </tr> <tr> <th>(dBm)</th> <th>(mW)</th> </tr> </thead> <tbody> <tr><td>LTE Band 2</td><td>24</td><td>251.189</td><td>4.50</td><td>2.818</td></tr> <tr><td>LTE Band 4</td><td>24</td><td>251.189</td><td>3.00</td><td>1.995</td></tr> <tr><td>LTE Band 5</td><td>24</td><td>251.189</td><td>4.40</td><td>2.754</td></tr> <tr><td>LTE Band 12</td><td>24</td><td>251.189</td><td>0.70</td><td>1.175</td></tr> <tr><td>LTE Band 13</td><td>24</td><td>251.189</td><td>3.60</td><td>2.291</td></tr> <tr><td>LTE Band 25</td><td>24</td><td>251.189</td><td>4.50</td><td>2.818</td></tr> <tr><td>LTE Band 26</td><td>24</td><td>251.189</td><td>4.40</td><td>2.754</td></tr> <tr><td>Wi-Fi 2.4GHz</td><td>15</td><td>31.623</td><td>3.39</td><td>2.183</td></tr> <tr><td>Bluetooth (Low Energy)</td><td>4</td><td>2.512</td><td>2.56</td><td>1.803</td></tr> </tbody> </table>					Band	Maximum Tune up Power		Antenna Gain (dBi)	Numeric Gain	(dBm)	(mW)	LTE Band 2	24	251.189	4.50	2.818	LTE Band 4	24	251.189	3.00	1.995	LTE Band 5	24	251.189	4.40	2.754	LTE Band 12	24	251.189	0.70	1.175	LTE Band 13	24	251.189	3.60	2.291	LTE Band 25	24	251.189	4.50	2.818	LTE Band 26	24	251.189	4.40	2.754	Wi-Fi 2.4GHz	15	31.623	3.39	2.183	Bluetooth (Low Energy)	4	2.512	2.56	1.803																					
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2. There were no hardware changes to the module
3. Software security remains unchanged from original application.
4. No change the Tune up.
5. Test report data clarification

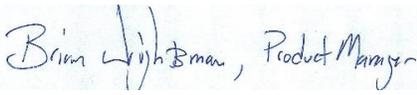
Description	Original test reports No.:	Testing Data	Remark
FCC Part15B Report Report No.: EFTA25010044-IE-02-E1 FCC Part15B Report No.: EFTA25010044-IE-02 Part 15B Test Setup	N/A	Full testing	N/A
FCC LTE Test Report Report No.: EFTA25010044-IE-05-R1 FCC Part22-24-27-90 Report No.: EFTA25010044-IE-05 Part22_24_27_90 Test Setup	R1907A0406-R4_EG91NAX FCC Part22 R1907A0406-R5_EG91NAX FCC Part27 R1907A0406-R6_EG91NAX FCC Part24 R1907A0406-R1_EG91NAX FCC Part22-LTE 26 R1907A0406-R2_EG91NAX FCC Part24-LTE 25 R1907A0406-R3_EG91NAX FCC Part90S-LTE 26	Add full test: Output Power/EIRP Radiated Spurious Emission	Based on the module difference description, Frequency Stability, Occupied Bandwidth, Emission Bandwidth, band edge and Conducted Spurious Emission are evaluated refer to original reports

	R1907A0406 Part22_24_27 Test Setup		
MPE Test Report Report No.: EFTA25010044-IE-05-M1 FCC MPE	N/A	Full Evaluate	Reevaluation of individually and simultaneously launched MPEs based on validation and test results
FCC Part15C report Report No.: EFTA25010044-IE-05-R2 FCC Part15C-BLE WIFI 2.4G Report No.: EFTA25010044-IE-05 Part15C Test Setup	N/A	Full testing	N/A

**CONCLUSION**

This radio device continues to meet all FCC standard requirements.

Please contact me if you have any questions or need further information regarding this application.

Sincerely,  Brian Wrightsman, Product Manager

Signature

Date:2025/3/6

Printed Name of Signee: Brian Wrightsman

Company: Deer Management System LLC

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Email: bwrightsman@tactacam.com