



REGULATORY TESTING FROM START TO CERTIFICATE

Intro

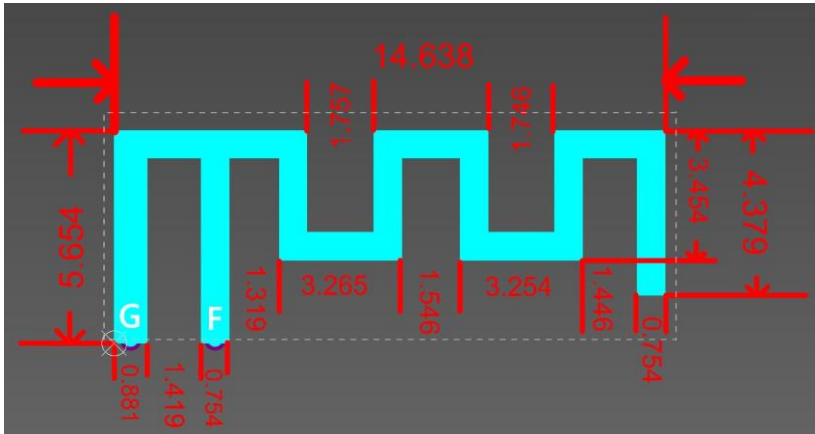
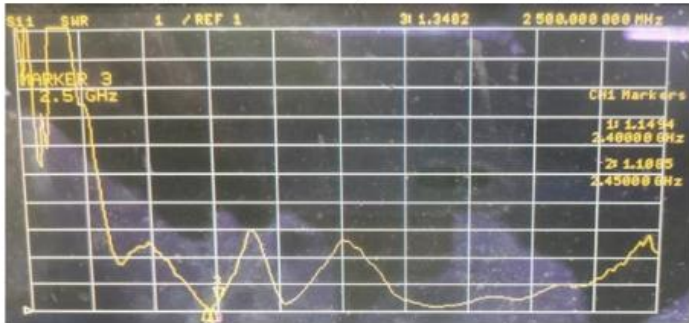
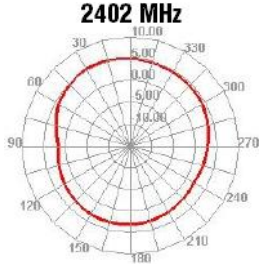
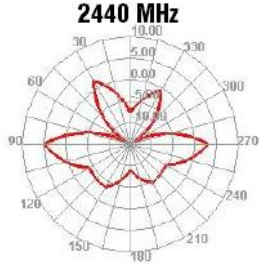
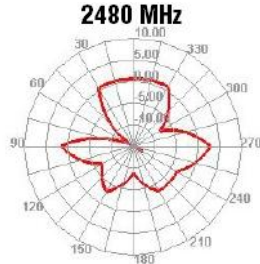
Antenna gain documentation required for all FCC Part 15 devices. Must provide either an antenna datasheet/specification or a test report with gain measurements and plots. This Information cannot be held confidential. Additionally, proprietary information of the design itself can remain confidential in either the 'operational description' or 'schematic'.



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Antenna specification:

1. Company: Afimilk Agricultural Cooperative LTD.
2. Product name: Afi2Go Wand
3. RF module/chip: BLE ESP32-S3-MINI-1
4. Antenna description:

Antenna type	PCB								
Antenna manufacturer	ESPRESSIF SYSTEMS (SHANGHAI) CO., LTD								
Frequency range	2402-2480 MHz								
Antenna gain	4.54dBi								
Dimensions									
VSWR	<table><tr><td>Frequency(GHz)</td><td>2.4</td><td>2.45</td><td>2.5</td></tr><tr><td>VSWR</td><td>1.14</td><td>1.10</td><td>1.34</td></tr></table> 	Frequency(GHz)	2.4	2.45	2.5	VSWR	1.14	1.10	1.34
Frequency(GHz)	2.4	2.45	2.5						
VSWR	1.14	1.10	1.34						
Radiation Pattern	<div><div><p>2402 MHz</p></div><div><p>2440 MHz</p></div><div><p>2480 MHz</p></div></div>								



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