



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'.



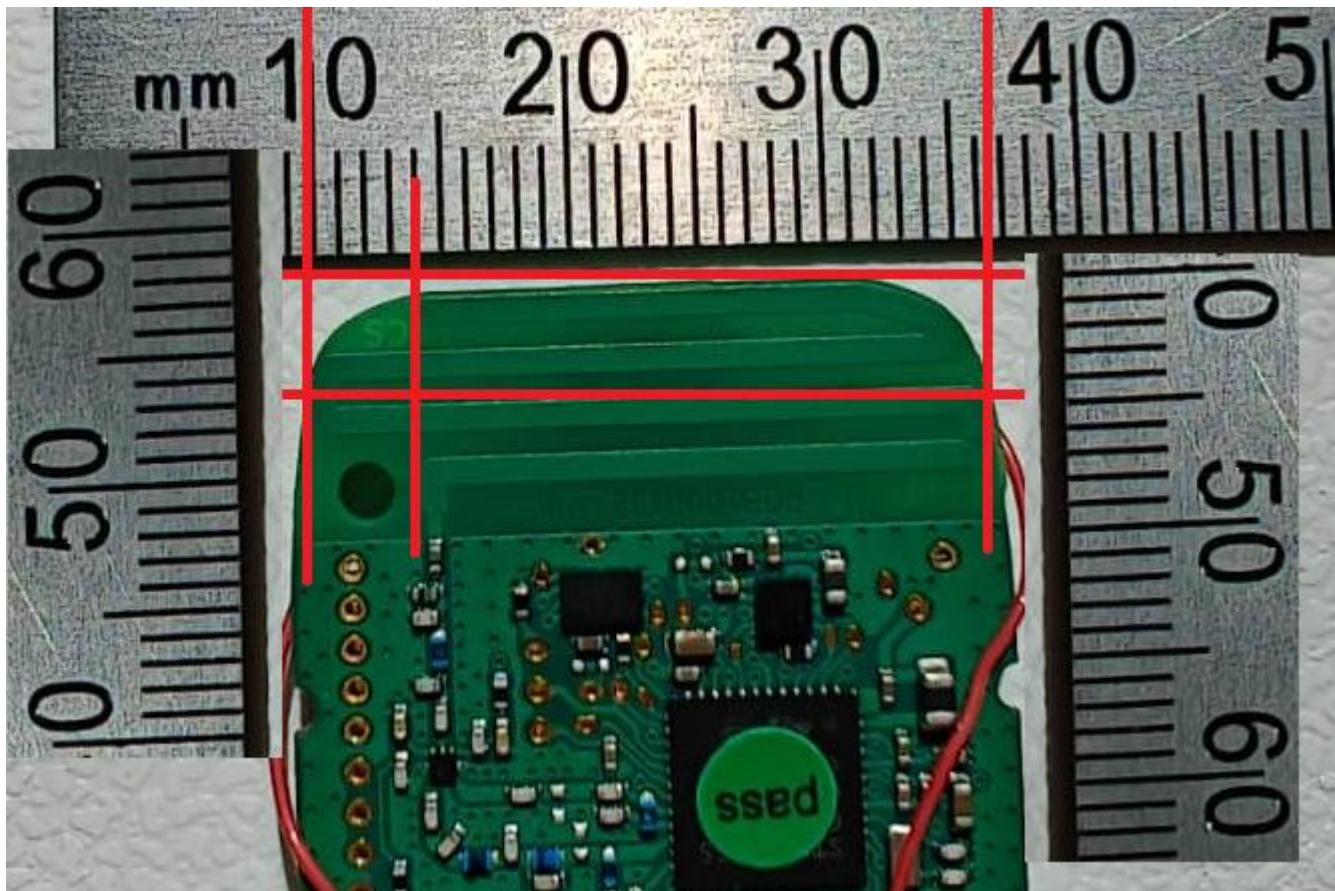
REGULATORY TESTING FROM START TO CERTIFICATE

Antenna specification:

1. **Company:** SCR (Engineers) Ltd.
2. **Product name:** SHFT2
3. **RF module/chip:** STM32WLE5CC
4. **Antenna description:**

Antenna type	PCB Omni-directional
Antenna manufacturer	Integrated antenna within the PCB
Antenna datasheet	No specific datasheet
Frequency range	902.3 - 914.9 MHz
Modulation	LoRA
Antenna gain max (peak)	-8.55 dBi
VSWR	~1.1–1.6
Connector type	none (direct PCB feed)

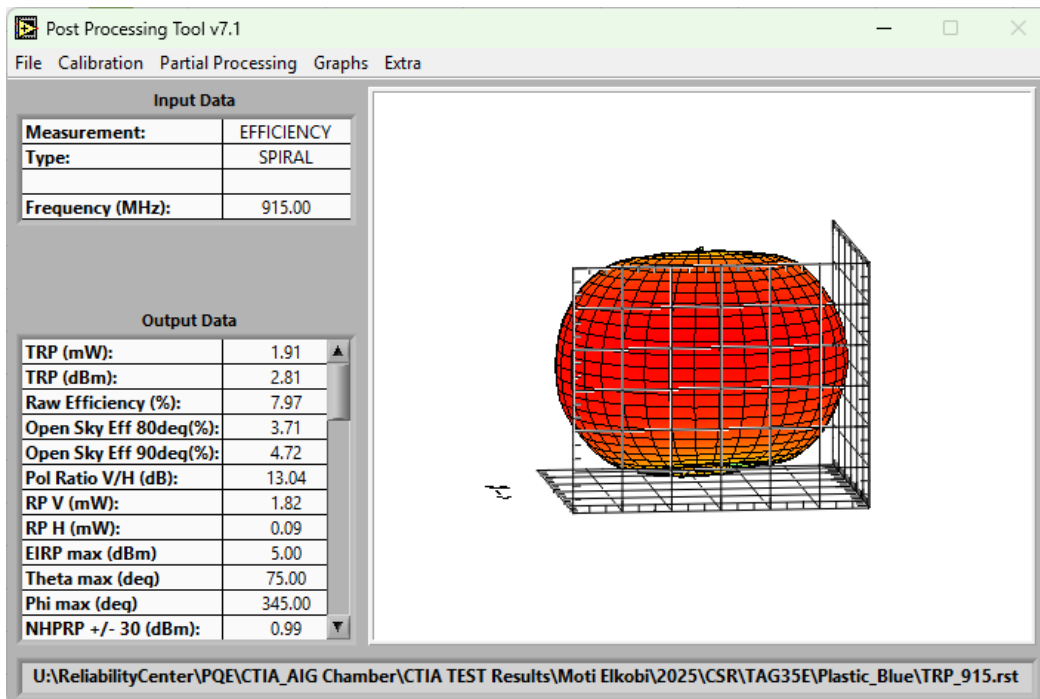
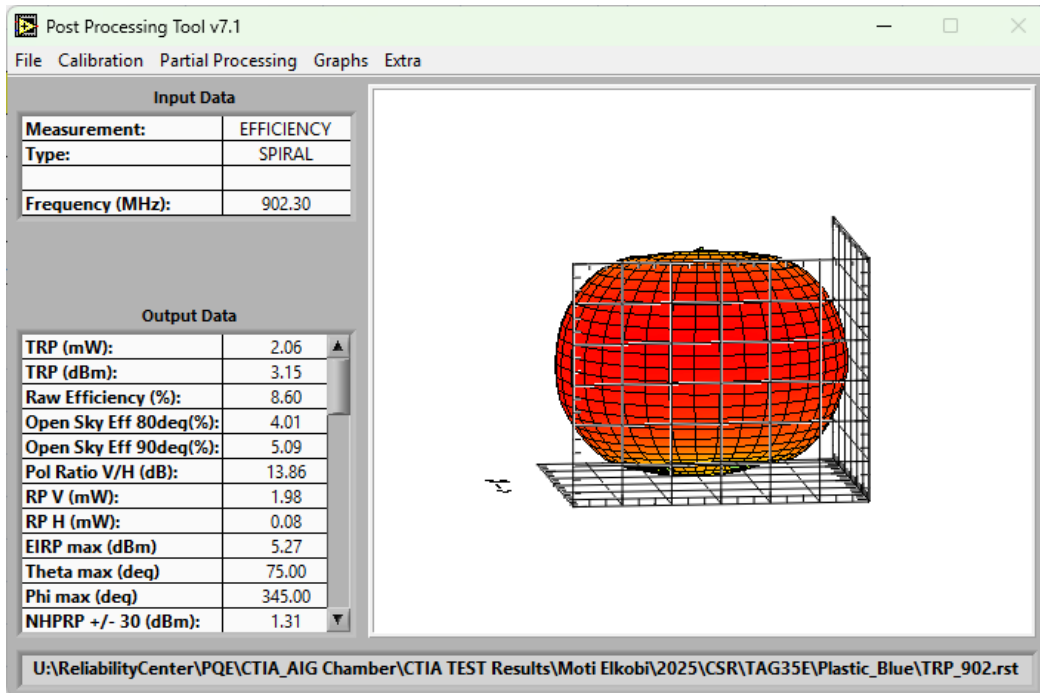
5. **Antenna layout/ Antenna photo**



6. Antenna radiation pattern



REGULATORY TESTING FROM START TO CERTIFICATE





REGULATORY TESTING FROM START TO CERTIFICATE

