

EmbraceMini – Antenna Information

1. Scope

The document contains the information related to the antenna included in the EmbraceMini device.

2. Antenna Type and Design

Antenna Type: Sheet Metal Monopole Antenna

The Embrace Mini antenna has been designed internally by Empatica.

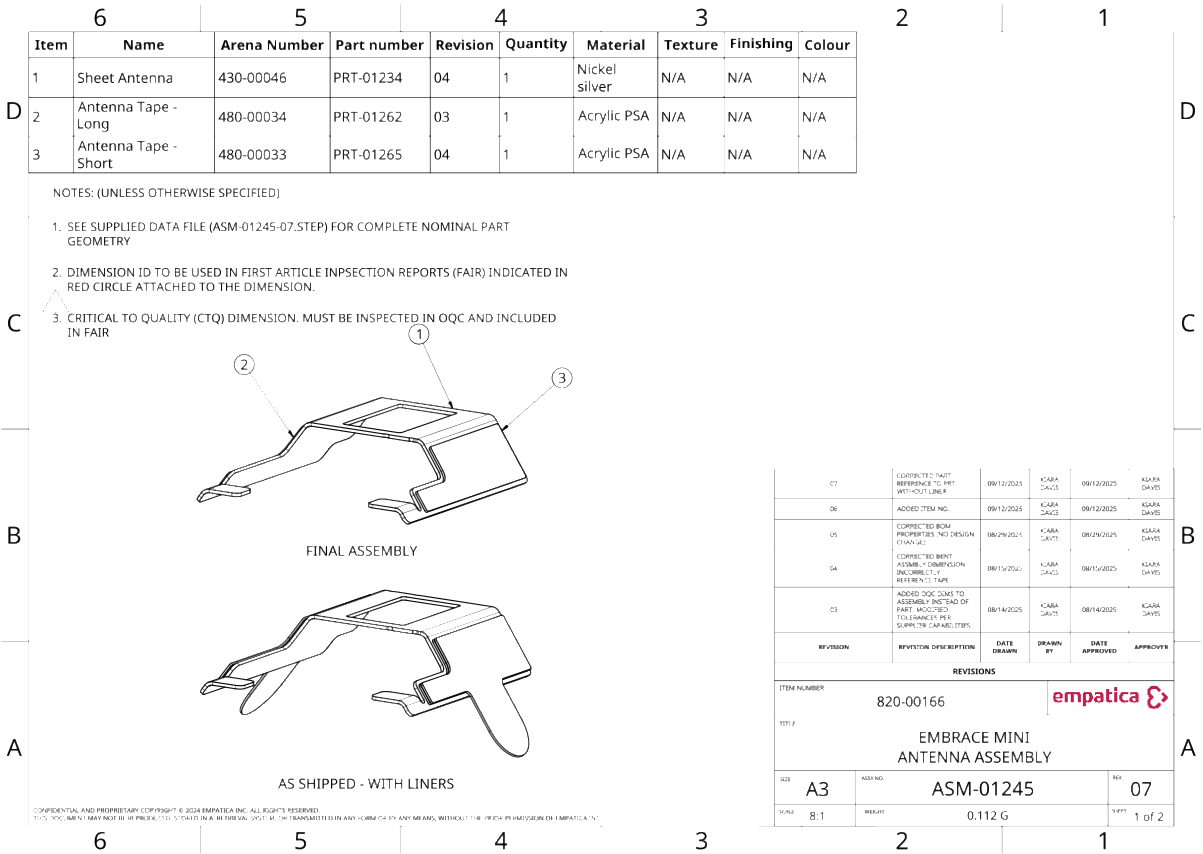


Figure 1 - Technical Drawing of the antenna

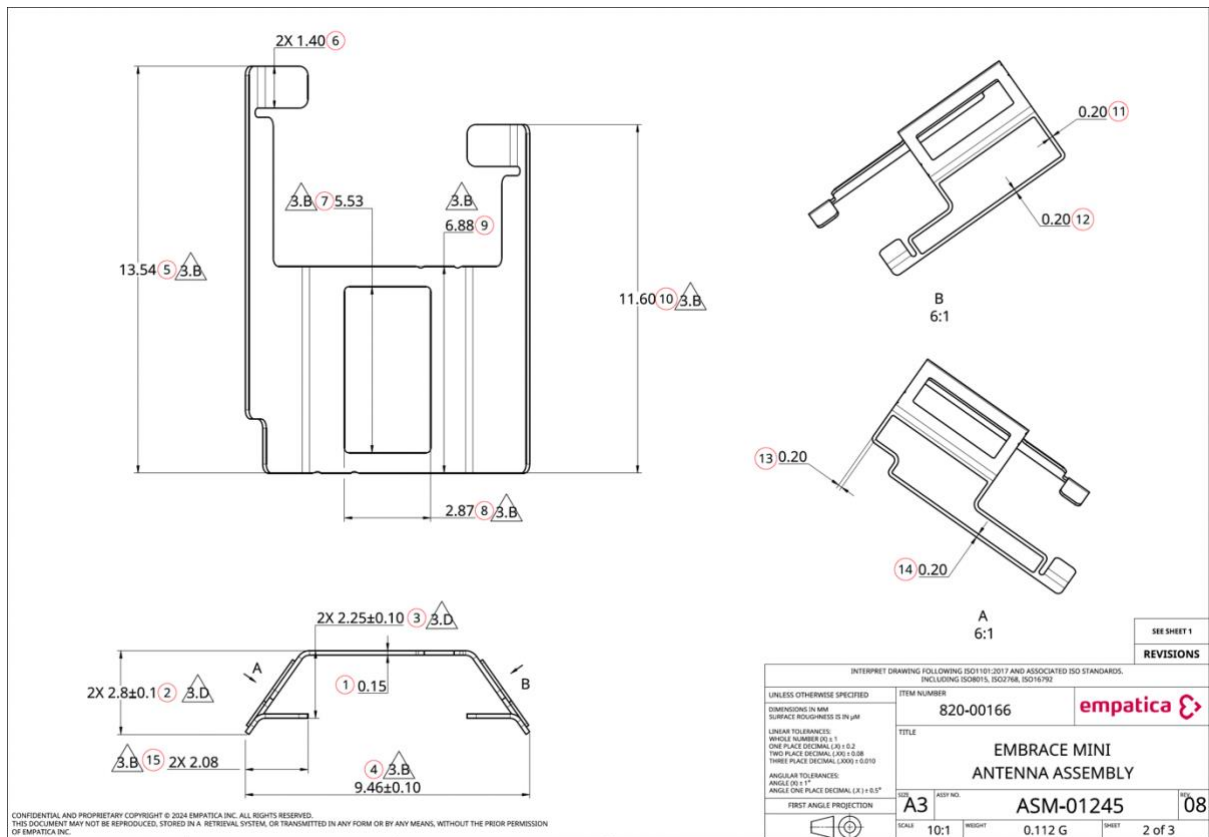


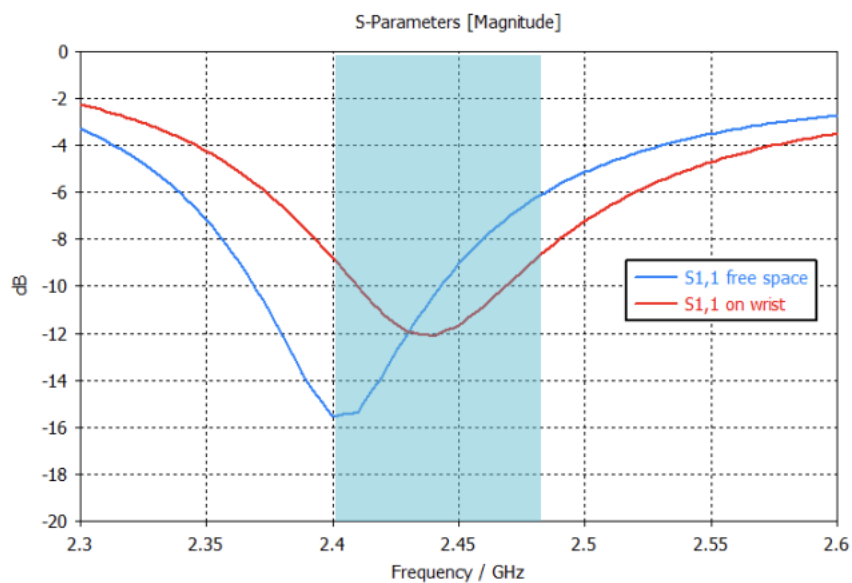
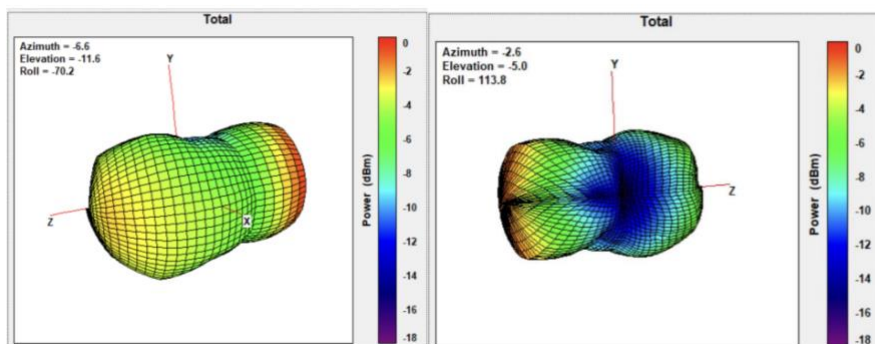
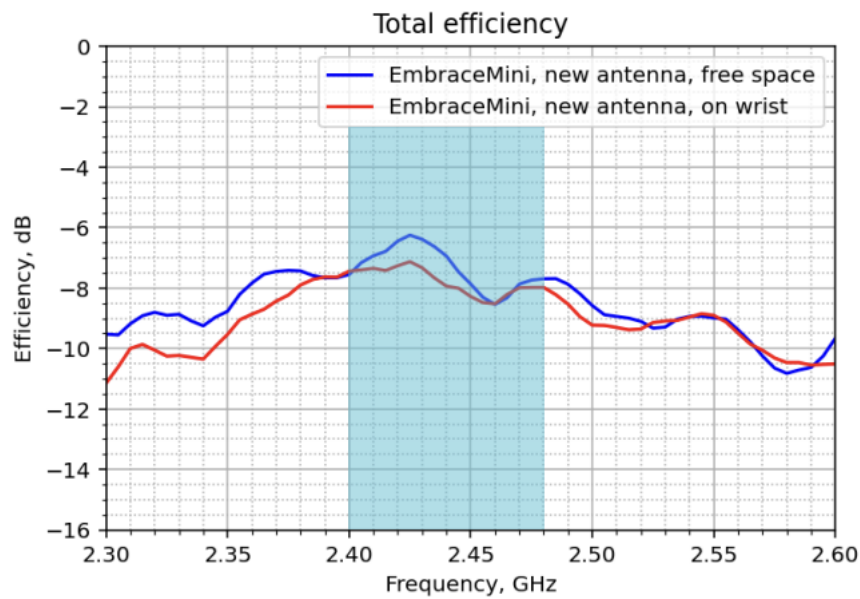
Figure 2 - Antenna drawing with dimensions



Figure 3 - Image of EmbraceMini antennas

3. Antenna Characterization

Antenna characterization has been performed. Below images related to its characterization.



Antenna Maximum Gain:

Frequency (MHz)	2402	2440	2480
Gain (dBi)	-13.34	-12.35	-13.87