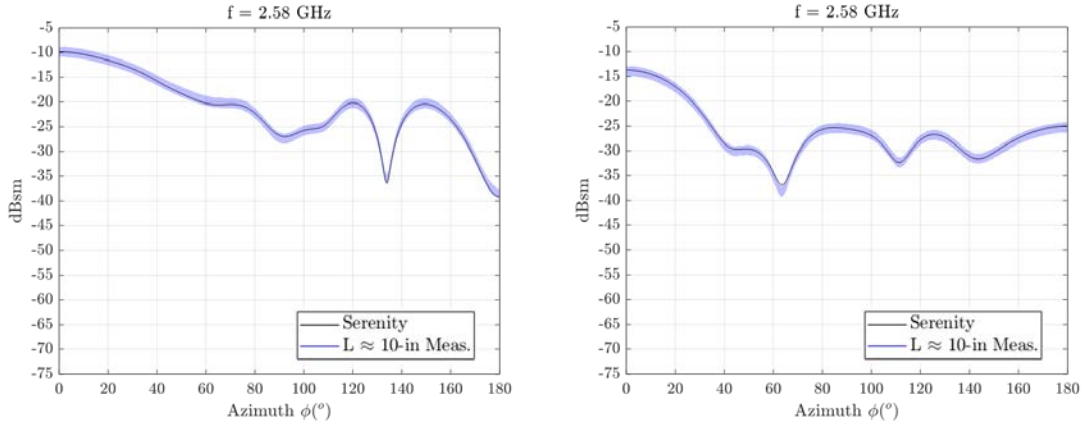

Figure 1: The HH ($\sigma_{\phi\phi,\mathrm{dB}}$, left) and VV ($\sigma_{\theta\theta,\mathrm{dB}}$, right) polarized RCS for the closed tail-coated almond of length L= 9.936 in at frequency f = 2.58 GHz.

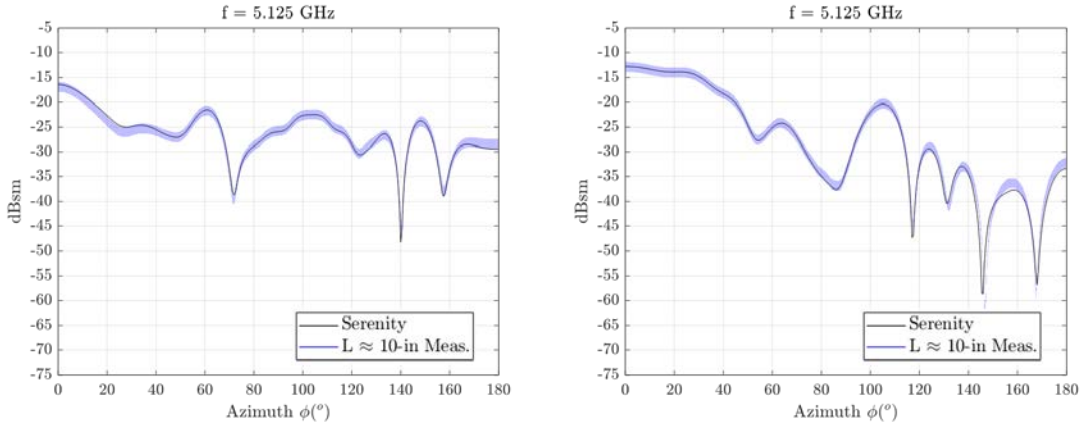

Figure 2: The HH ($\sigma_{\phi\phi,\mathrm{dB}}$, left) and VV ($\sigma_{\theta\theta,\mathrm{dB}}$, right) polarized RCS for the closed tail-coated almond of length L= 9.936 in at frequency f = 5.125 GHz.

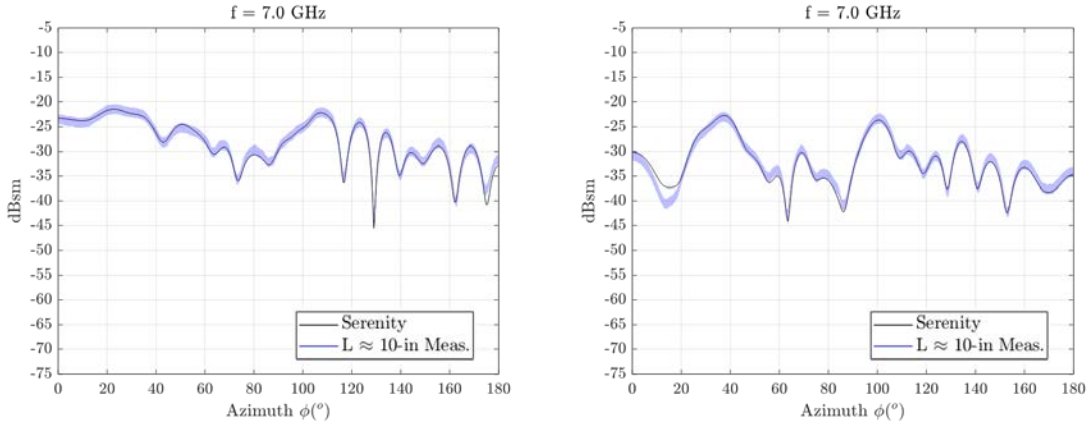

Figure 3: The HH ($\sigma_{\phi\phi,\mathrm{dB}}$, left) and VV ($\sigma_{\theta\theta,\mathrm{dB}}$, right) polarized RCS for the closed tail-coated almond of length L= 9.936 in at frequency f = 7 GHz.

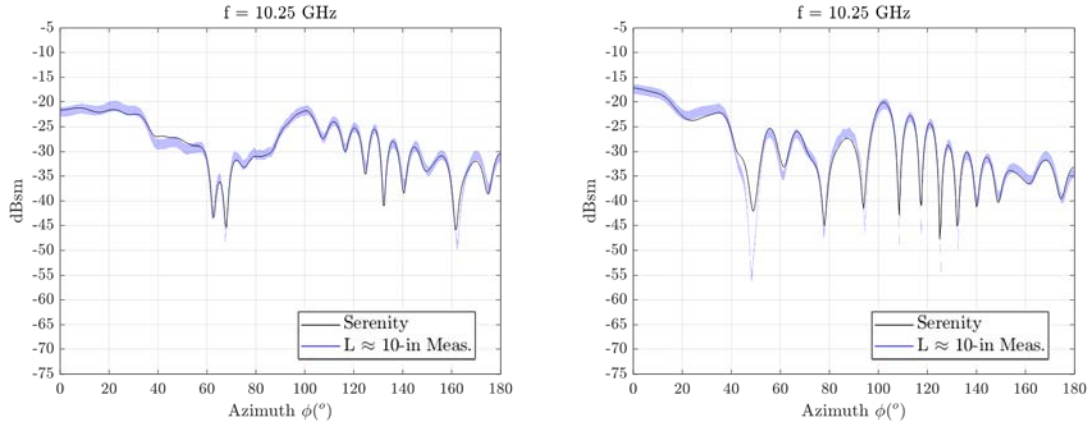

Figure 4: The HH ($\sigma_{\phi\phi,\mathrm{dB}}$, left) and VV ($\sigma_{\theta\theta,\mathrm{dB}}$, right) polarized RCS for the closed tail-coated almond of length L= 9.936 in at frequency f = 10.25 GHz.

The above RCS results are that of the reference measurement data in the benchmark suite. The measurement data in the suite are the same as that shown in [1] and are plotted within a ∓ 1 dB window to represent the measurement uncertainties.

Notes

1. The measurement data are provided at every 0.5^{o} in the azimuthal range.
2. The simulation data were calculated by using the Serenity code, a commercial frequency-domain integral-equation solver that uses the adaptive cross approximation [2] or a multi-level version of it [3]. Additional information on the code may be found in [4].

References

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