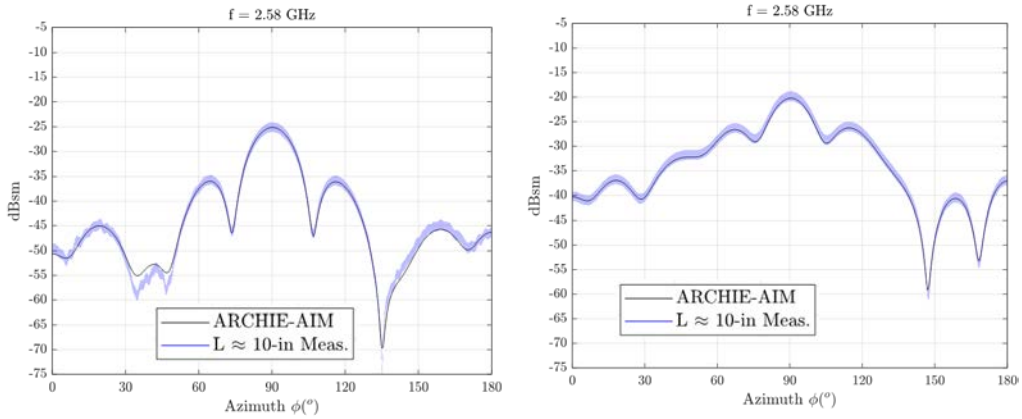

Figure 1: The HH ($\sigma_{\phi\phi,\mathrm{dB}}$, left) and VV ($\sigma_{\theta\theta,\mathrm{dB}}$, right) polarized RCS for the Resin Closed-Duct PRIME of length L= 9.1875 in at frequency f = 2.58 GHz.

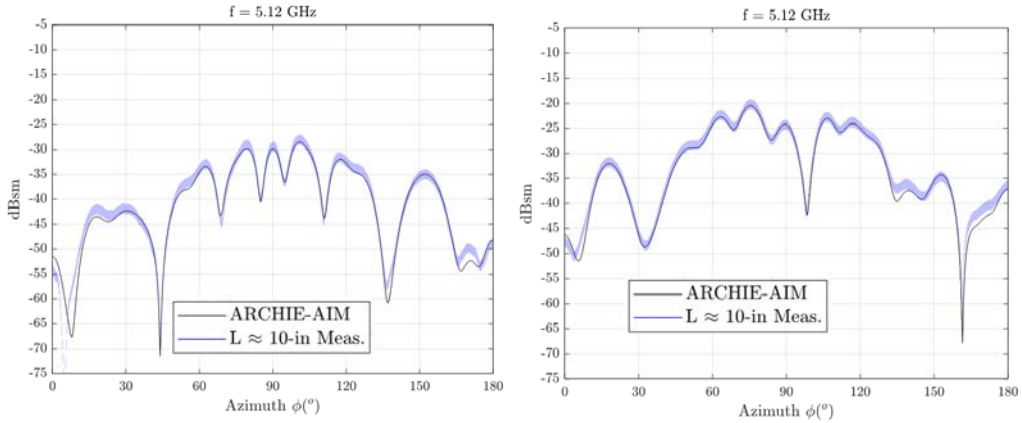

Figure 2: The HH ($\sigma_{\phi\phi,\mathrm{dB}}$, left) and VV ($\sigma_{\theta\theta,\mathrm{dB}}$, right) polarized RCS for the Resin Closed-Duct PRIME of length L= 9.1875 in at frequency f = 5.12 GHz.

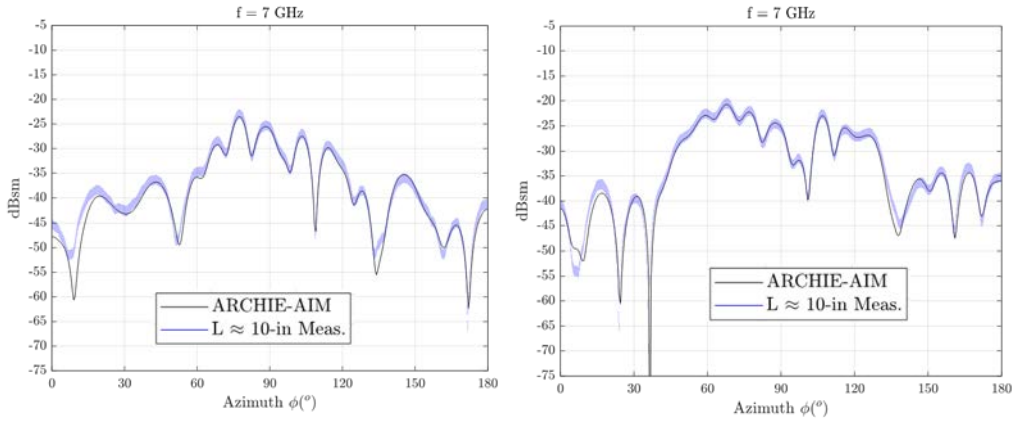

Figure 3: The HH ($\sigma_{\phi\phi,\mathrm{dB}}$, left) and VV ($\sigma_{\theta\theta,\mathrm{dB}}$, right) polarized RCS for the Resin Closed-Duct PRIME of length L= 9.1875 in at frequency f = 7 GHz.

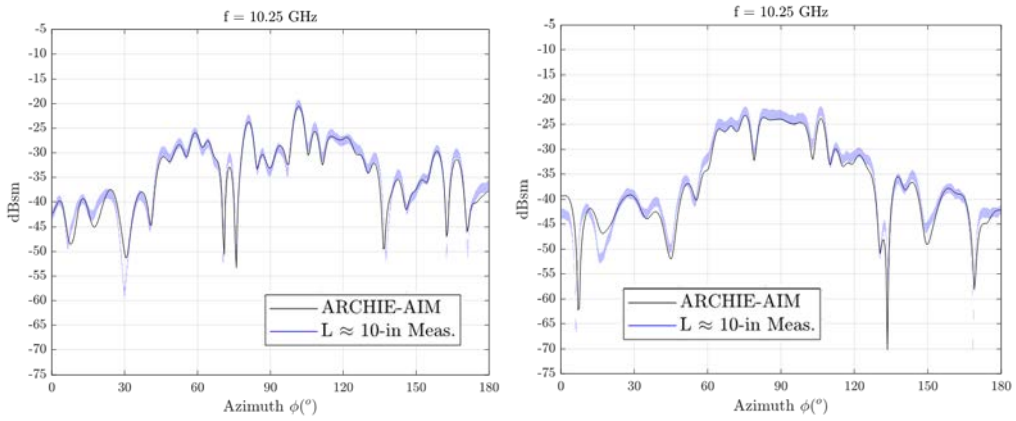

Figure 4: The HH ($\sigma_{\phi\phi,\mathrm{dB}}$, left) and VV ($\sigma_{\theta\theta,\mathrm{dB}}$, right) polarized RCS for the Resin Closed-Duct PRIME of length L= 9.1875 in at frequency f = 10.25 GHz.

The above RCS results are that of the reference measurement and simulation data in the benchmark suite.

Notes

1. The measurement data are provided at every 0.25^{o} in the azimuthal range; the simulation data are at every 0.5^{o}.
2. The simulation data were calculated by using the ARCHIE-AIM code, a frequency-domain FFT-accelerated integral-equation solver developed at UT Austin [2]-[4].

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