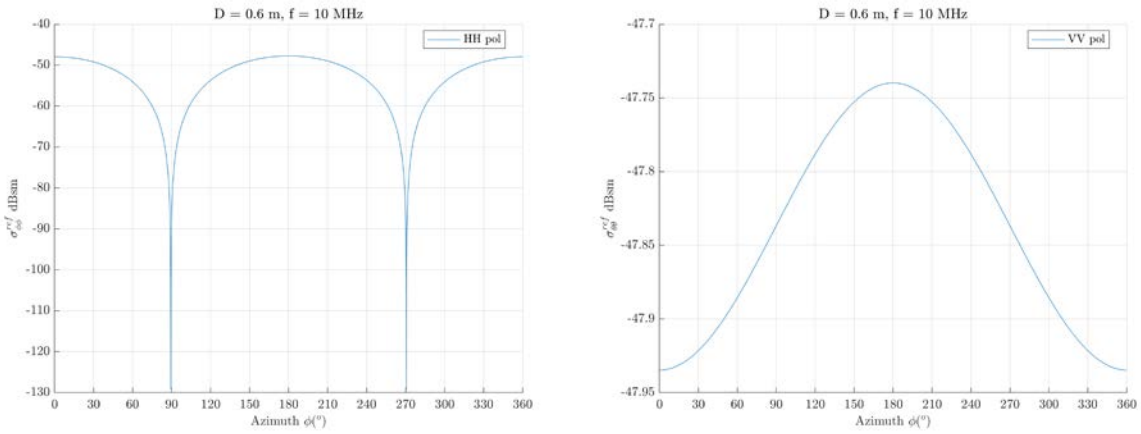


**Figure 1:** The HH ($\sigma_{\phi\phi,\mathrm{dB}}$, left) and VV ($\sigma_{\theta\theta,\mathrm{dB}}$, right) polarized RCS for the dielectric water sphere of diameter 0.6 m at frequency 10 MHz.

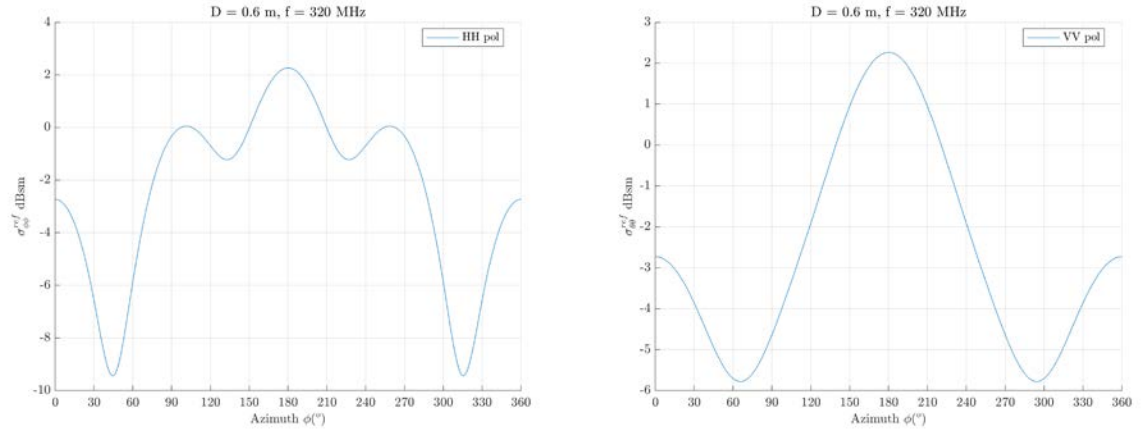


**Figure 2:** The HH ($\sigma_{\phi\phi,\mathrm{dB}}$, left) and VV ($\sigma_{\theta\theta,\mathrm{dB}}$, right) polarized RCS for the dielectric water sphere of diameter 0.6 m at frequency 320 MHz.

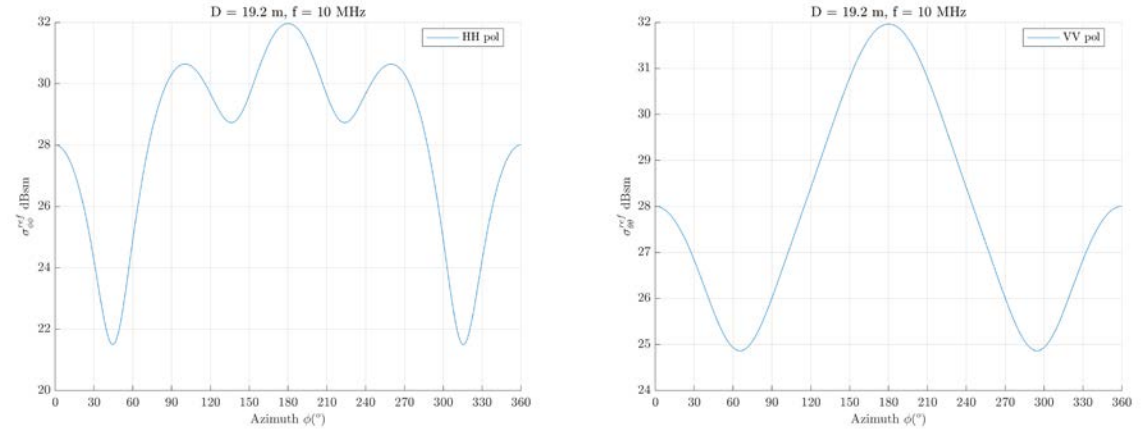


**Figure 3:** The HH ($\sigma_{\phi\phi,\mathrm{dB}}$, left) and VV ($\sigma_{\theta\theta,\mathrm{dB}}$, right) polarized RCS for the dielectric water sphere of diameter 19.2 m at frequency 10 MHz.

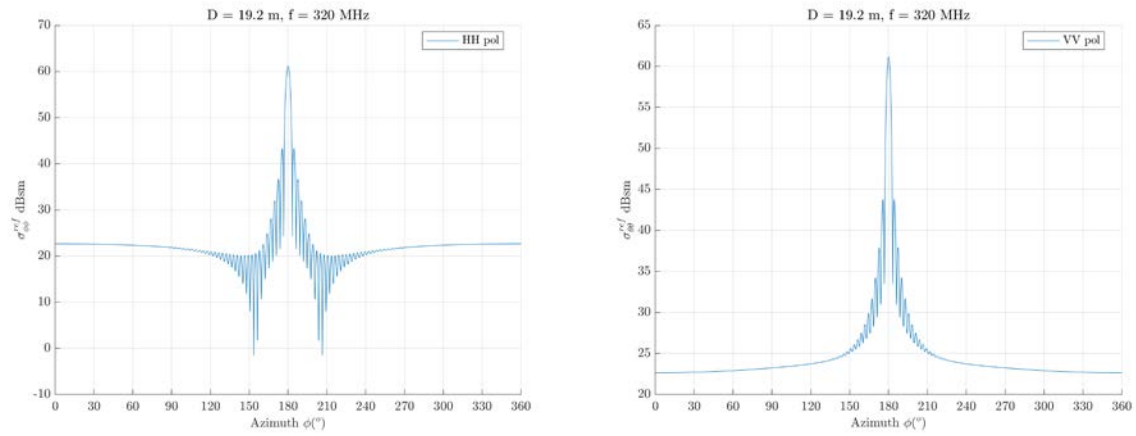


**Figure 4:** The HH ($\sigma_{\phi\phi,\mathrm{dB}}$, left) and VV ($\sigma_{\theta\theta,\mathrm{dB}}$, right) polarized RCS for the dielectric water sphere of diameter 19.2 m at frequency 320 MHz.

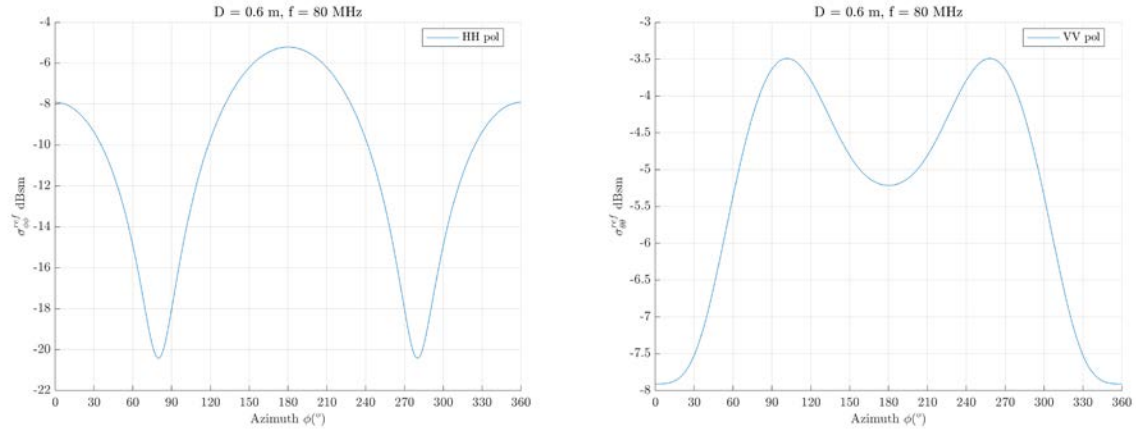


**Figure 5:** The HH ($\sigma_{\phi\phi,\mathrm{dB}}$, left) and VV ($\sigma_{\theta\theta,\mathrm{dB}}$, right) polarized RCS for the dielectric water sphere of diameter 0.6 m at frequency 80 MHz.

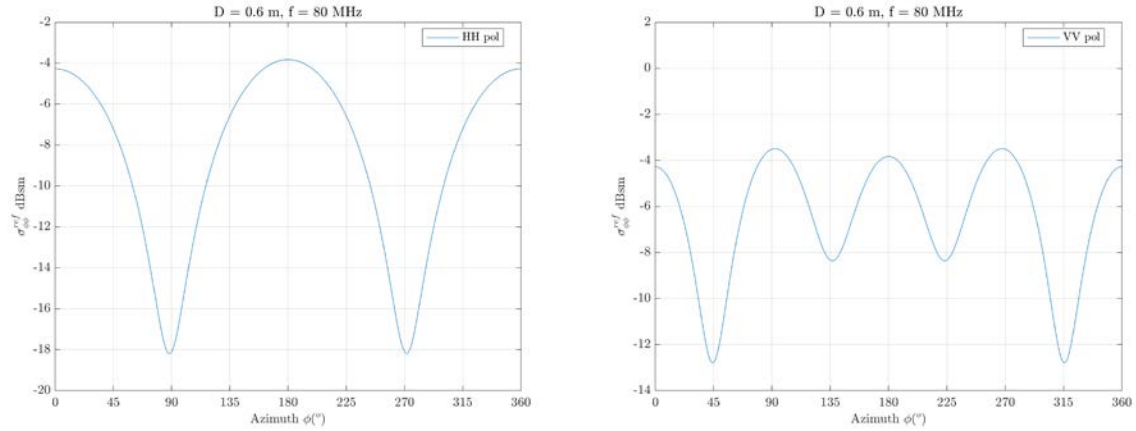


**Figure 6:** The HH ($\sigma_{\phi\phi,\mathrm{dB}}$, left) and VV ($\sigma_{\theta\theta,\mathrm{dB}}$, right) polarized RCS for the dielectric water sphere of diameter 0.6 m at frequency 80 MHz with $\epsilon = \epsilon_o(78.98 - j0.2)$.