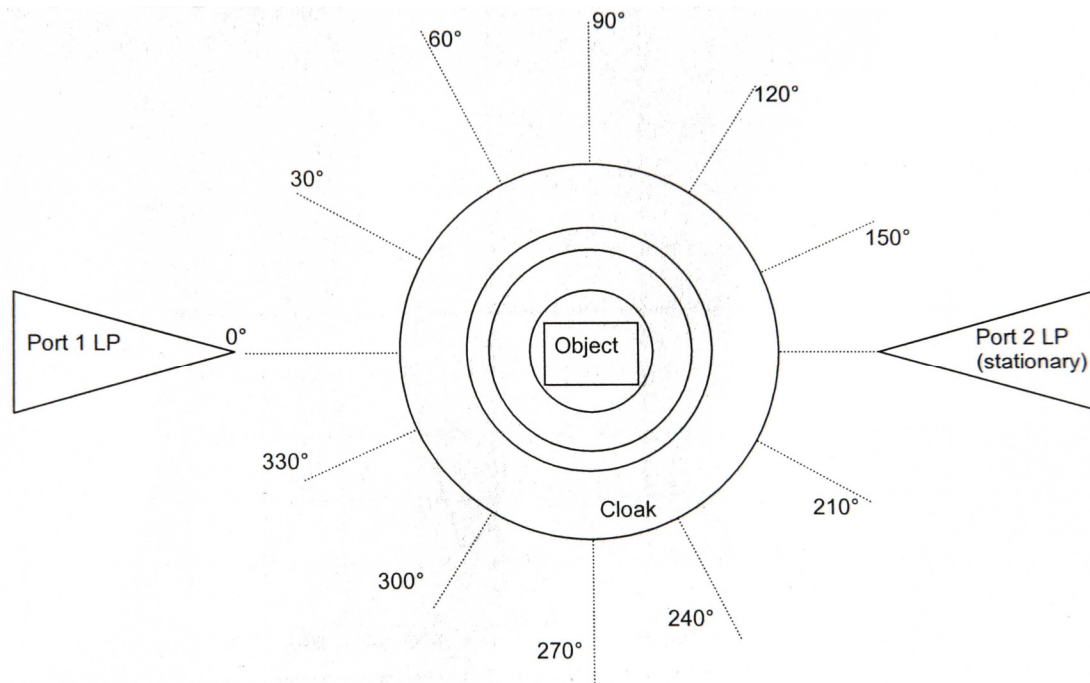


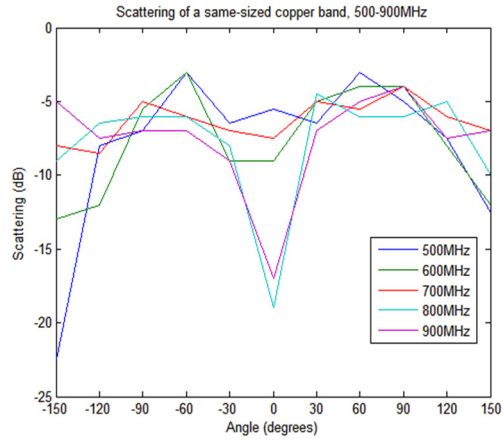
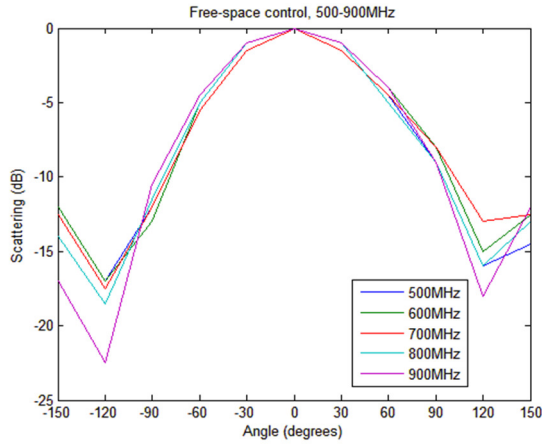
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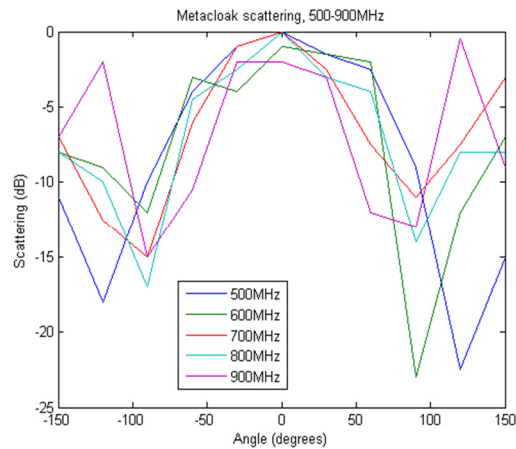
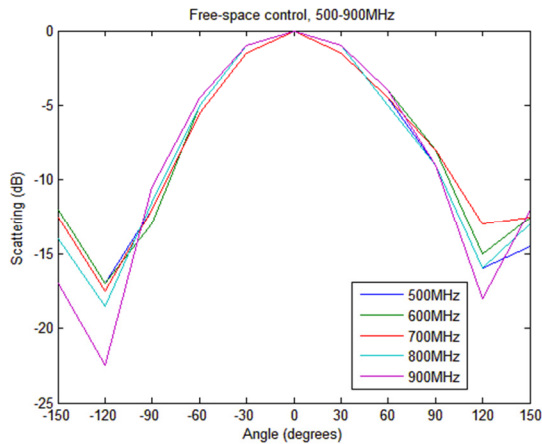
CAPTION: Two antennas (represented as triangles) placed with the cloak in between. One is rotated to measure the scattering at different angles. The 'control' is the same measurements only with copper layers instead of the cloak.

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CAPTION: Free-space (nothing between the two antennas) intensity at different angles compared to the aligned path at zero degrees; then with the copper-banded obstacle as a 'control'. The copper bands occult the path between the two antennas cutting its intensity, and additional intensity is lost by reflection. Note shadowing/reflection, especially on aligned path. Typical shadowing/reflection loss is 7-9 dB.

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CAPTION: Free-space (nothing between the two antennas) at different angles compared to the aligned path at zero degrees; then with the invisibility cloaked-banded obstacle. Note 'hill' profile closely replicated, with no substantive loss. Frequencies shown are 500 to 900 MHz.

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