

Fig. 5. E-plane pattern. Solid line: reconstructed from cylindrical NF data. Dashes: reconstructed from the NF data acquired along a spiral.

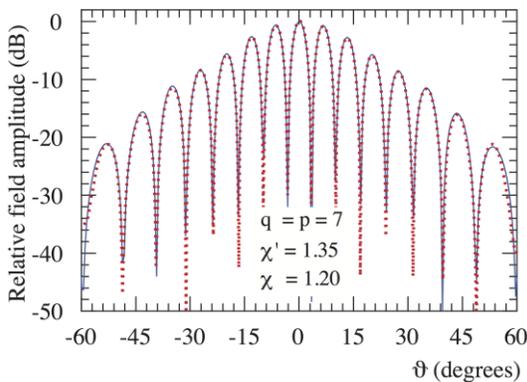


Fig. 6. H-plane pattern. Solid line: reconstructed from cylindrical NF data. Dashes: reconstructed from the NF data acquired along a spiral.

#### IV. CONCLUSION

An experimental validation of the described NF–FF transformation with planar spiral scan has been provided. The very good agreement found in the NF reconstructions, as well as that resulting from the comparison between the recovered FF patterns and those obtained by employing the cylindrical scanning, have fully confirmed its effectiveness also from the experimental viewpoint.

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