Supplementary Information

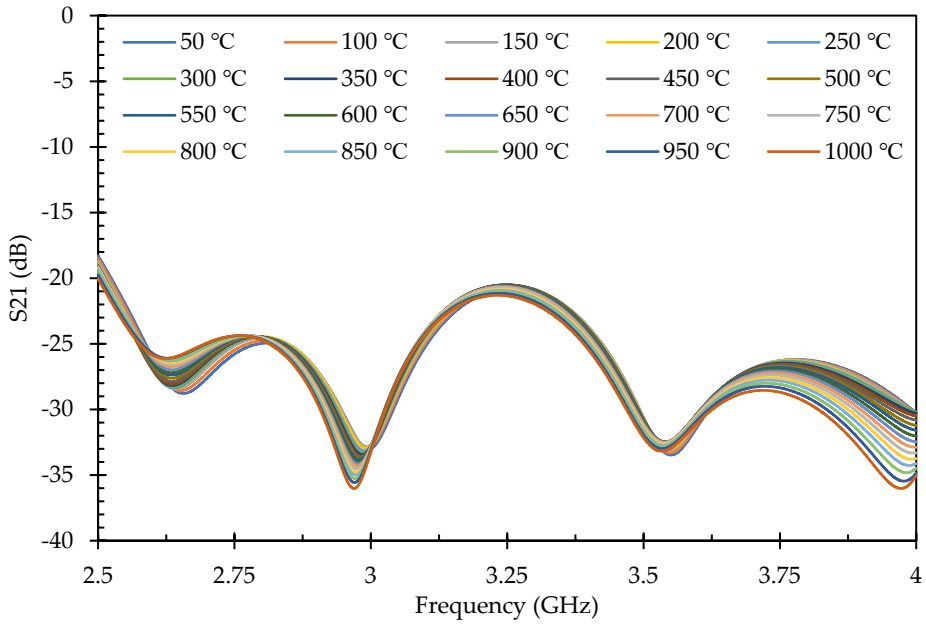


Figure S1. Frequency sweeps of the ITO normal ground plane sensor at 0.35 m

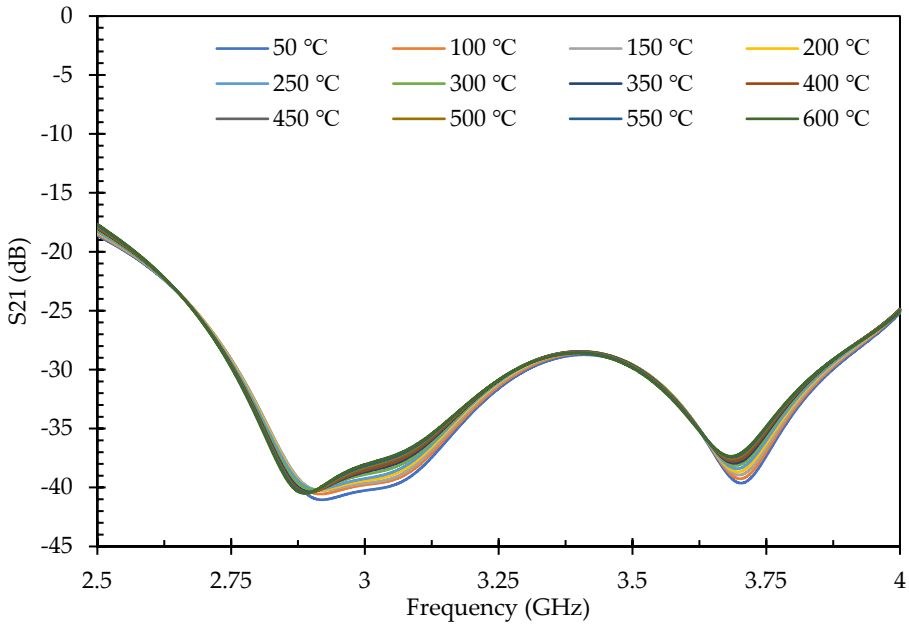


Figure S2. Frequency sweeps of the silver normal ground plane sensor at 0.50 m

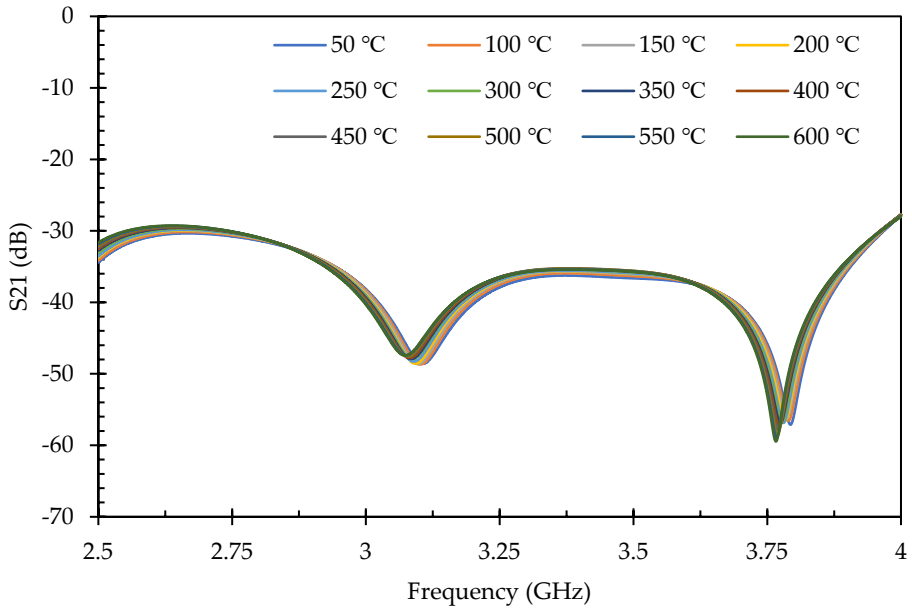


Figure S3. Frequency sweeps of the silver normal ground plane sensor at 0.75 m

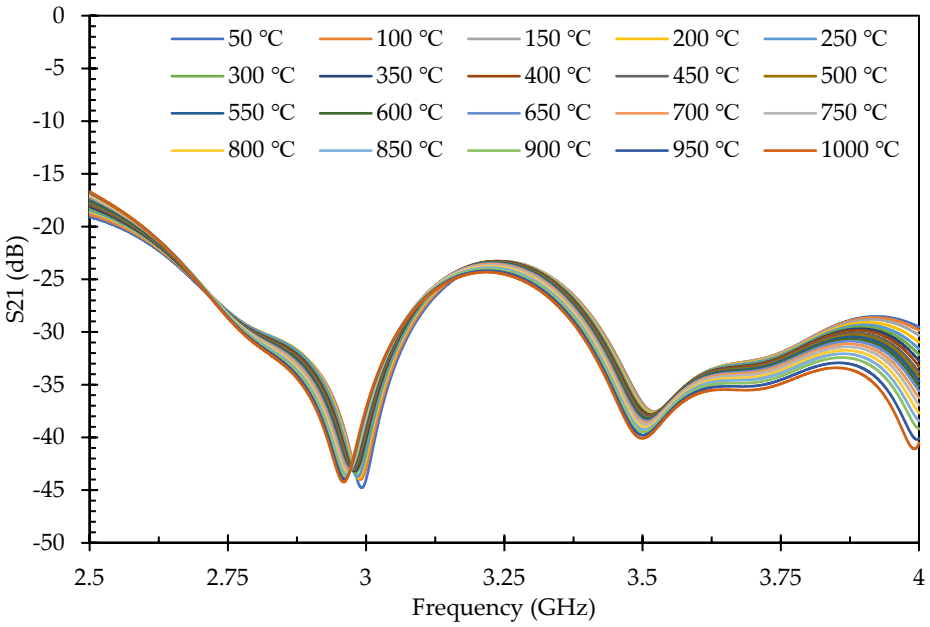


Figure S4. Frequency sweeps of the ITO normal ground plane sensor at 0.50 m

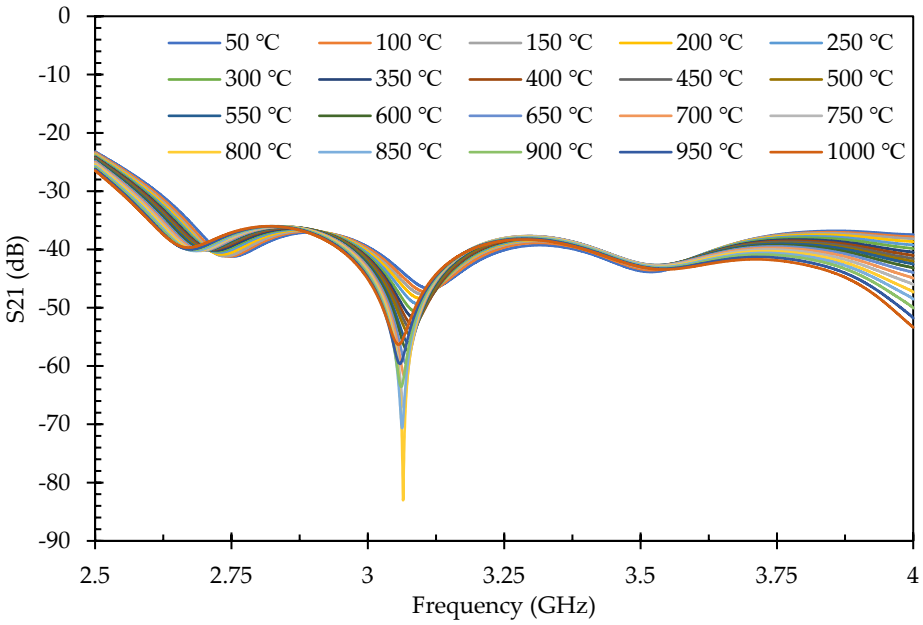


Figure S5. Frequency sweeps of the ITO normal ground plane sensor at 0.75 m

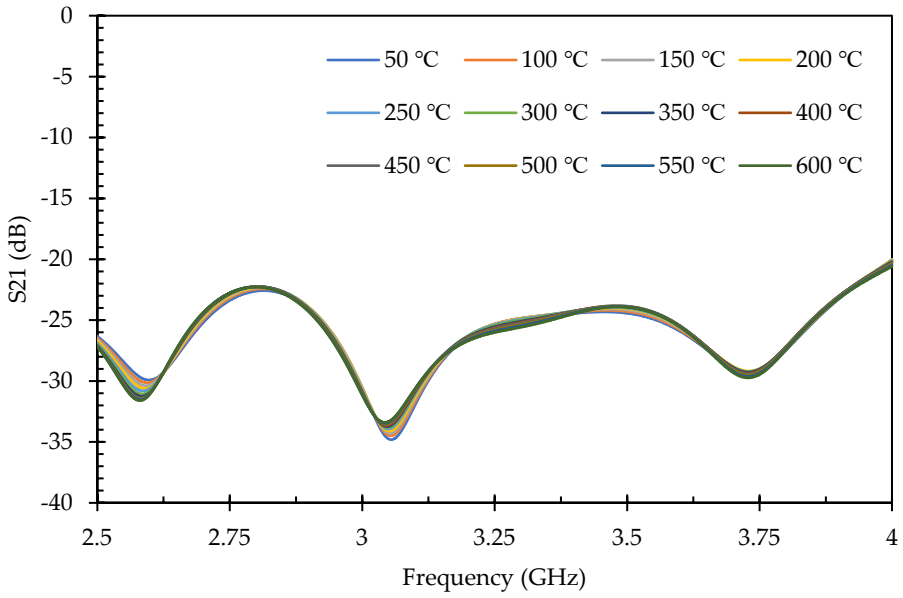


Figure S6. Frequency sweeps of the silver with RIS ground plane sensor at 0.35 m

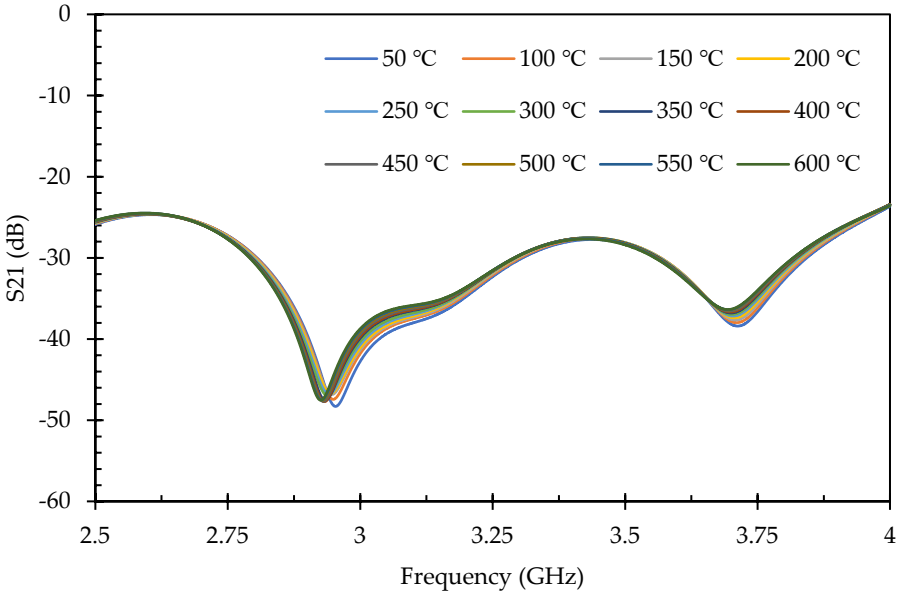


Figure S7. Frequency sweeps of the silver with RIS ground plane sensor at 0.50 m

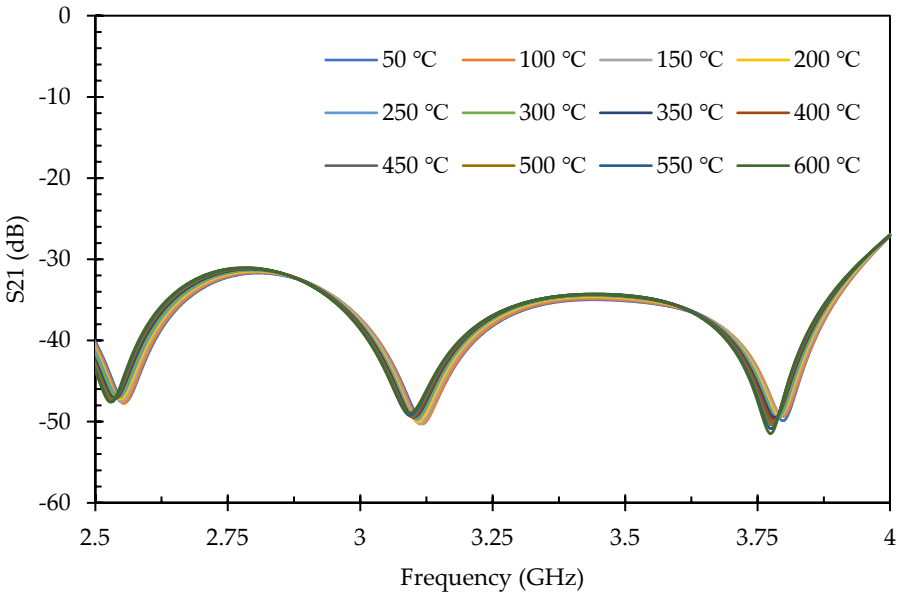


Figure S8. Frequency sweeps of the silver with RIS ground plane sensor at 0.75 m

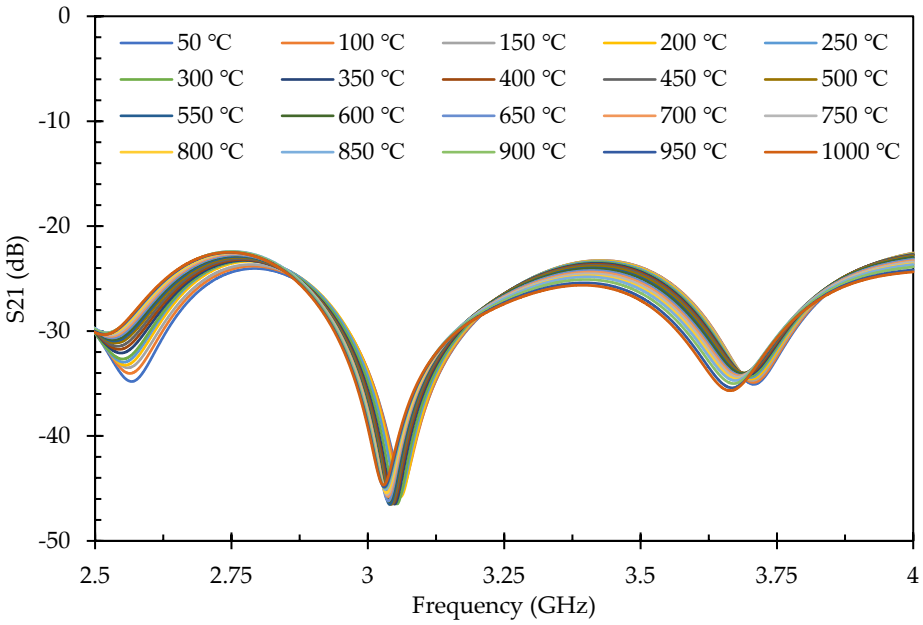


Figure S9. Frequency sweeps of the ITO with RIS ground plane sensor at 0.35 m

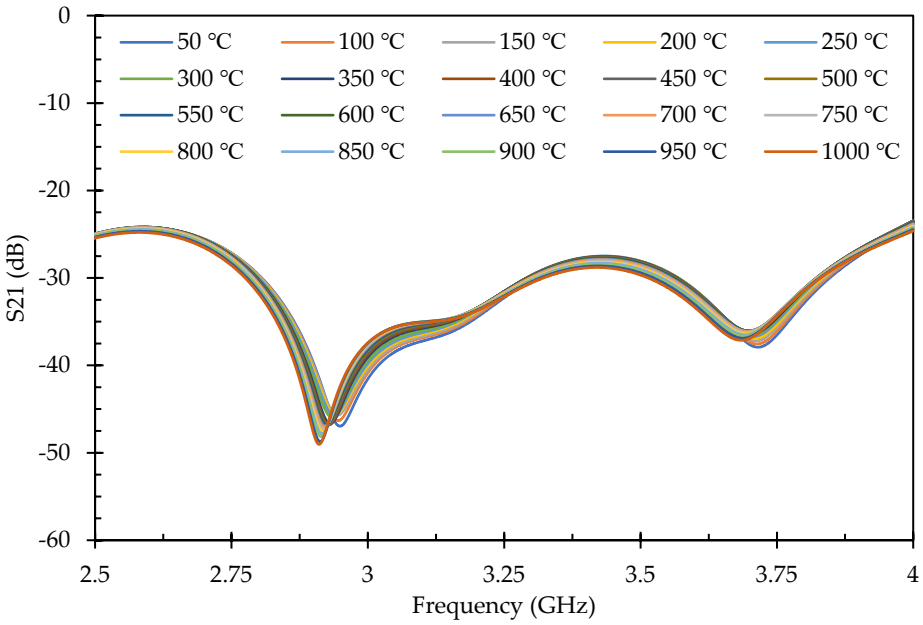


Figure S10. Frequency sweeps of the ITO with RIS ground plane sensor at 0.50 m

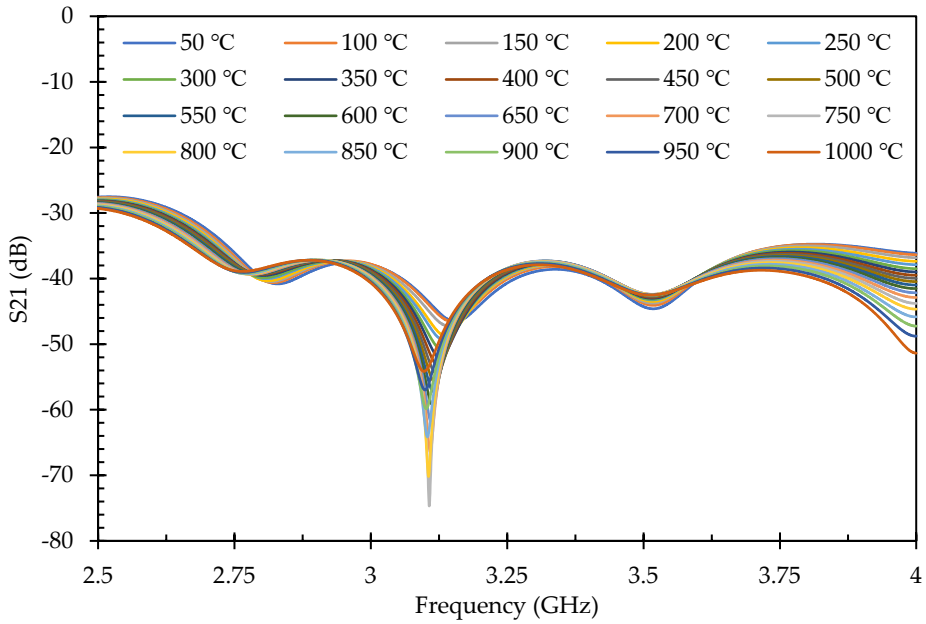


Figure S11. Frequency sweeps of the ITO with RIS ground plane sensor at 0.75 m