HMC8108 Extended Frequency

Notes

- Measurements performed as image reject mixer with lower sideband (high side LO) selected, external 90° hybrid at the IF ports, IF = 60 MHz, LO drive = −5 dBm, and TA = −25°C, unless otherwise noted.

Conversion Gain vs. RF Frequency over Temperature

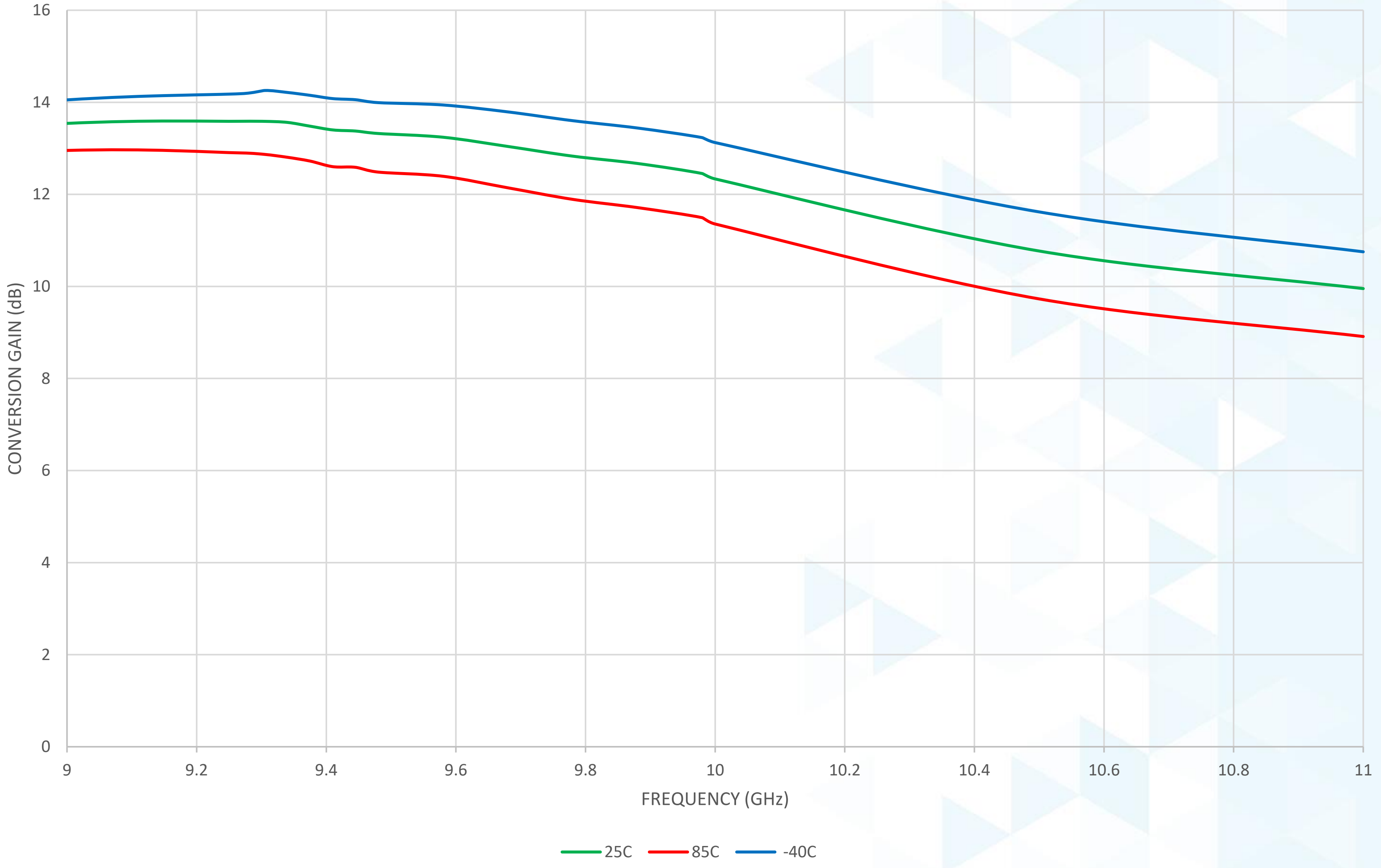
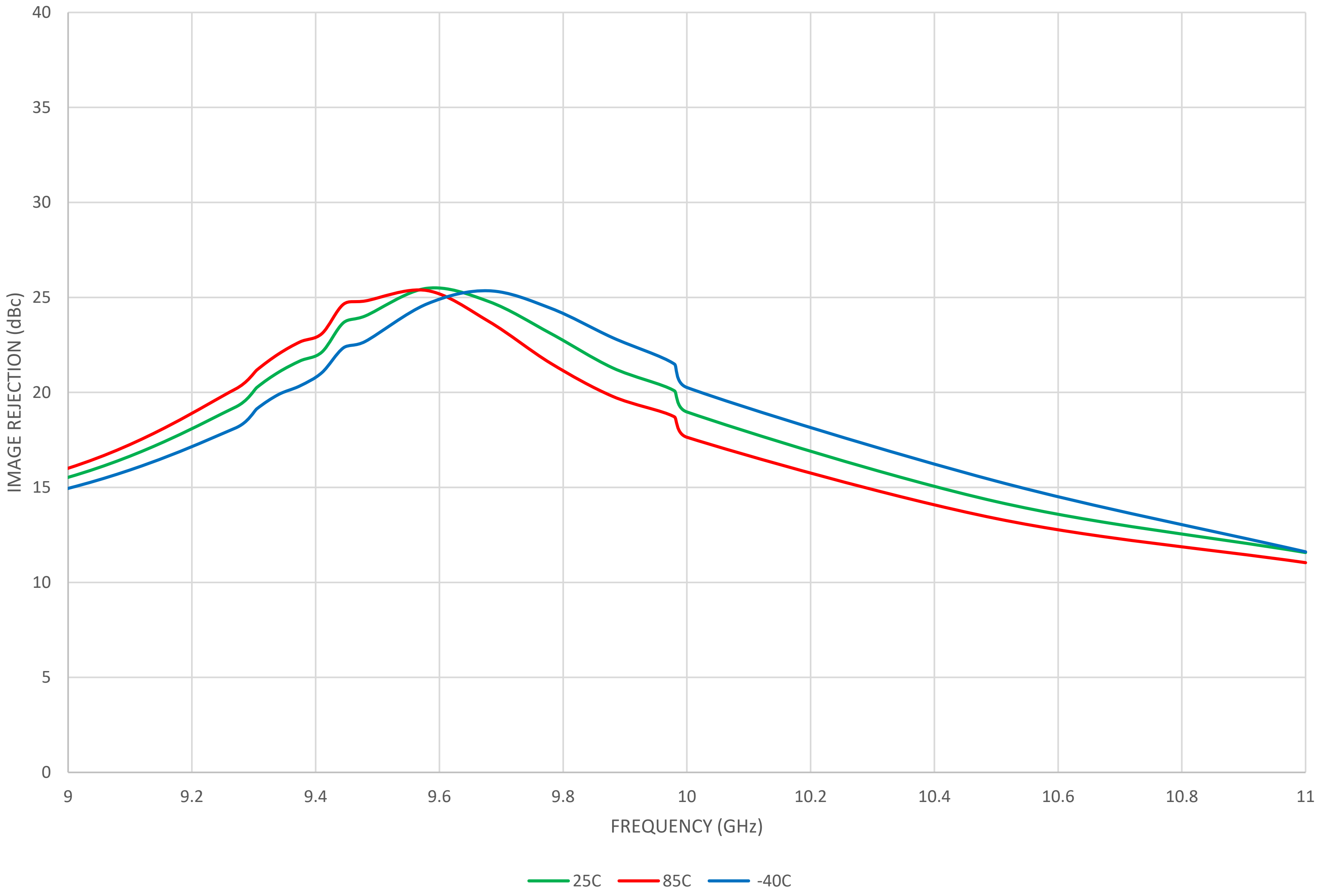
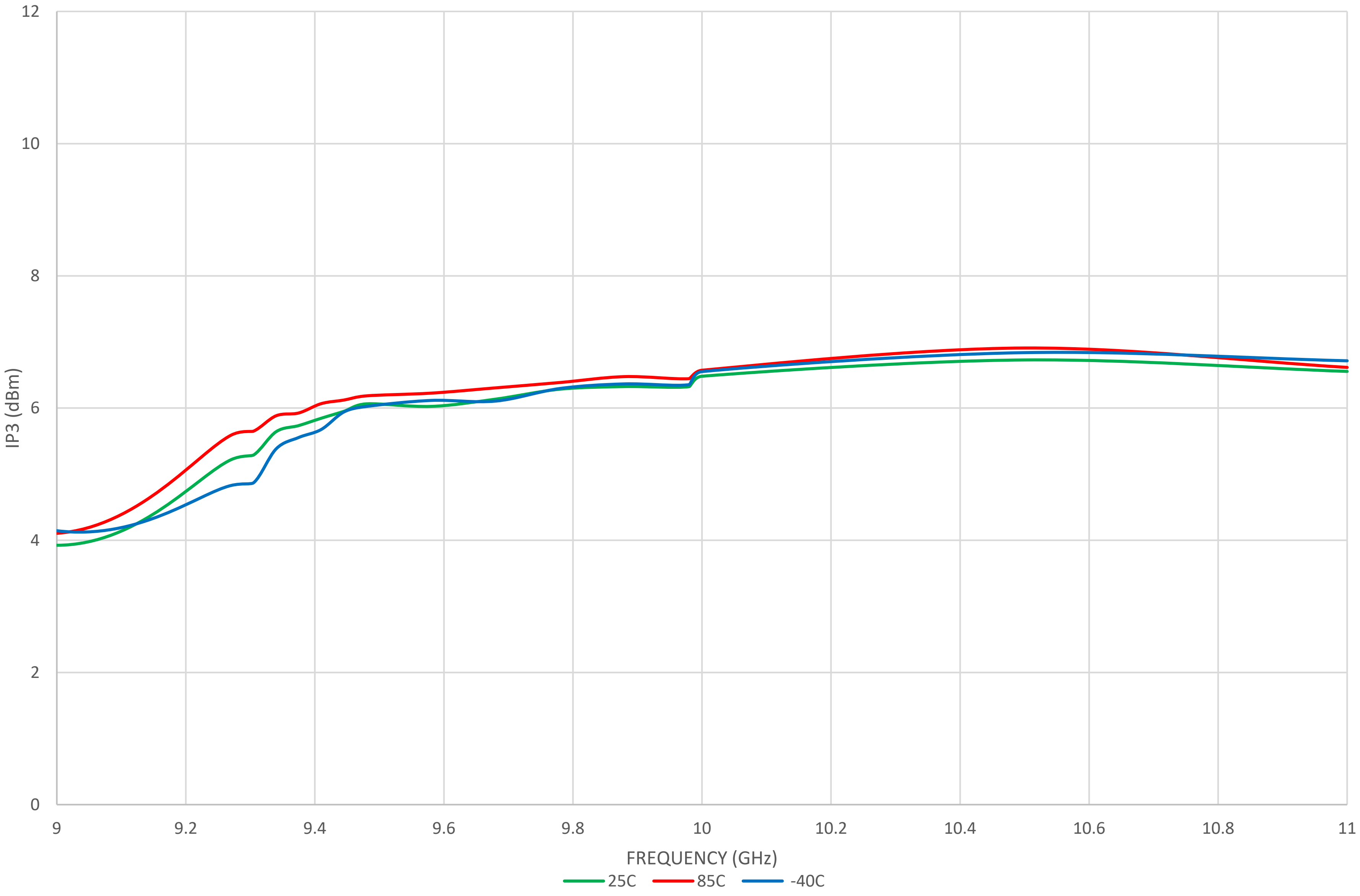


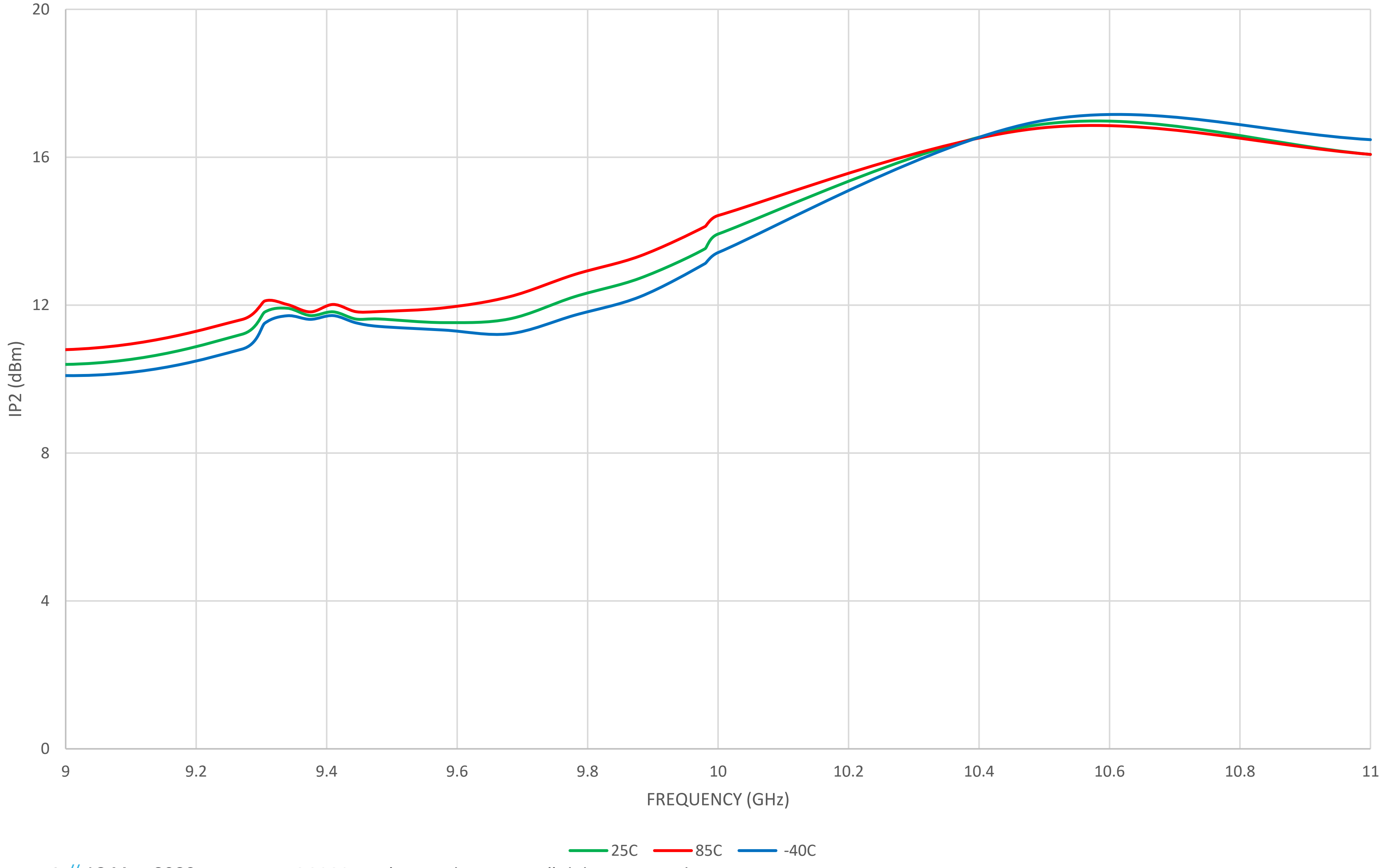
Image Rejection vs. RF Frequency over Temperature



Input IP3 vs Frequency over Temperature



Input IP2 vs Frequency over Temperature



RF Port Return loss vs. Frequency over Vctl