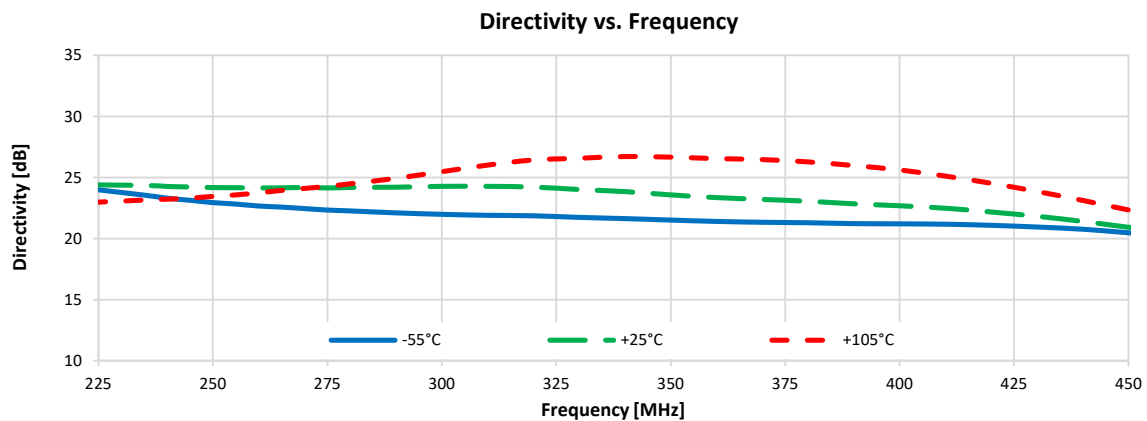
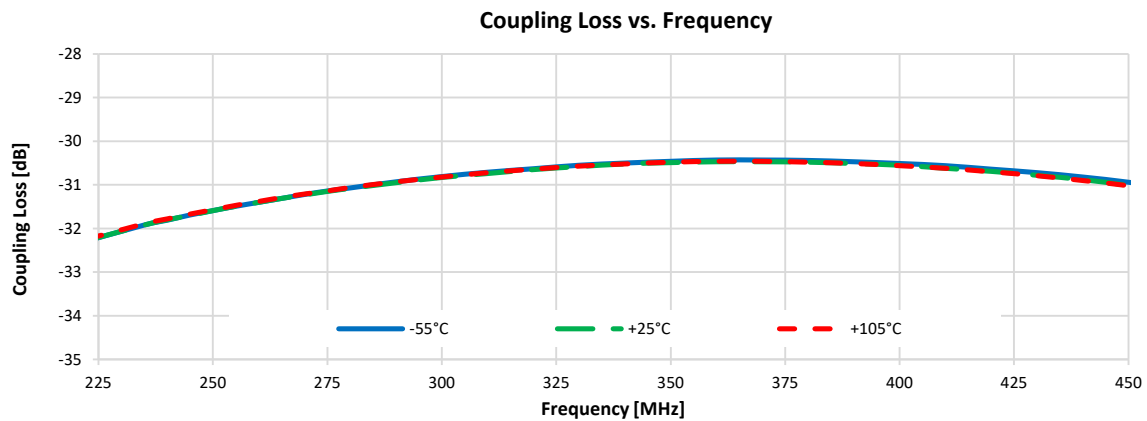
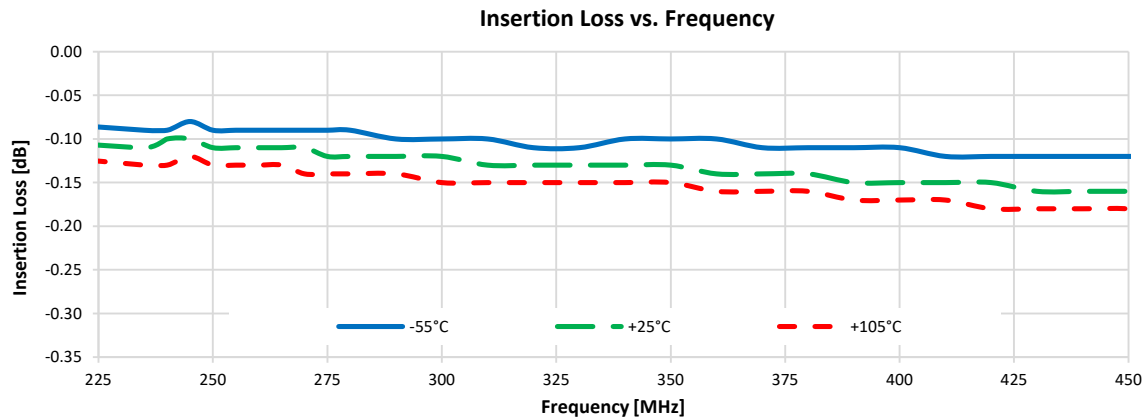


Bi-Directional Coupler

MBDA-30-451HP+

Typical Performance Graphs

Test Conditions: Input Power = +5 dbm, Configuration A.

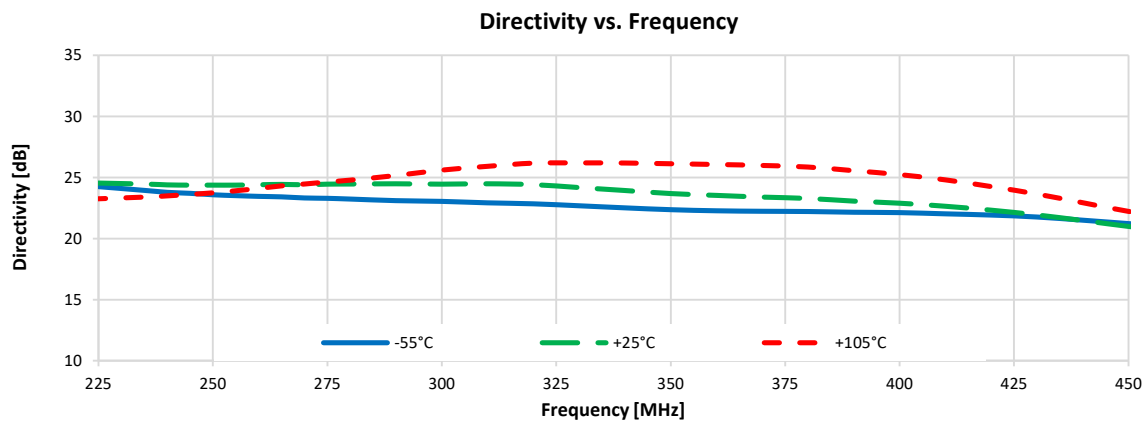
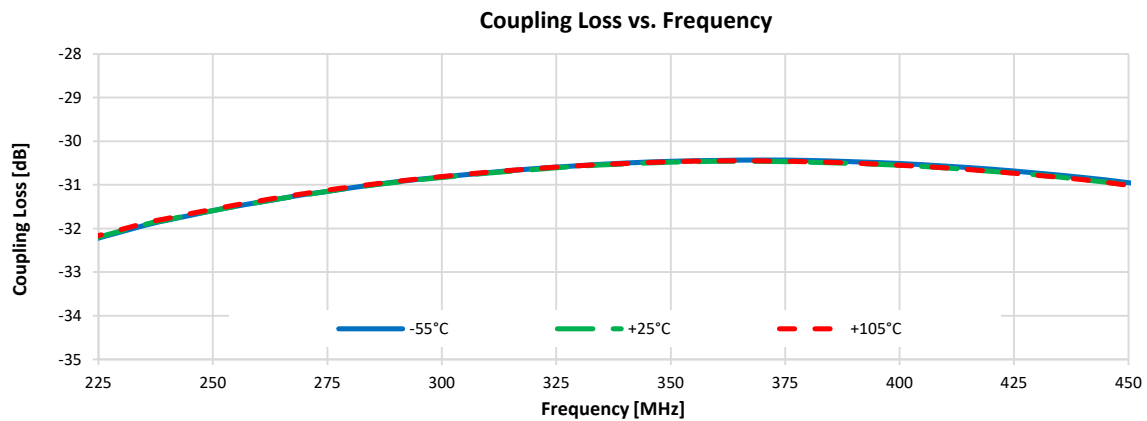
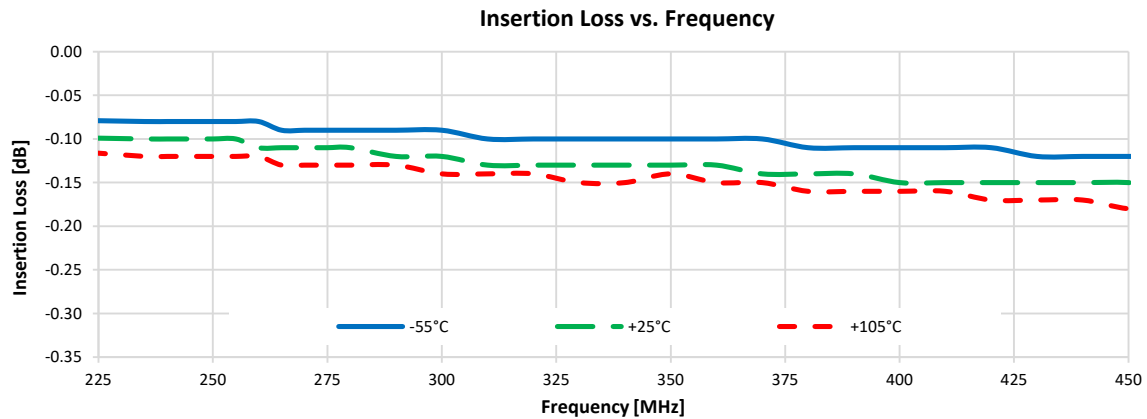


Bi-Directional Coupler

MBDA-30-451HP+

Typical Performance Graphs

Test Conditions: Input Power = +5 dbm, Configuration B.

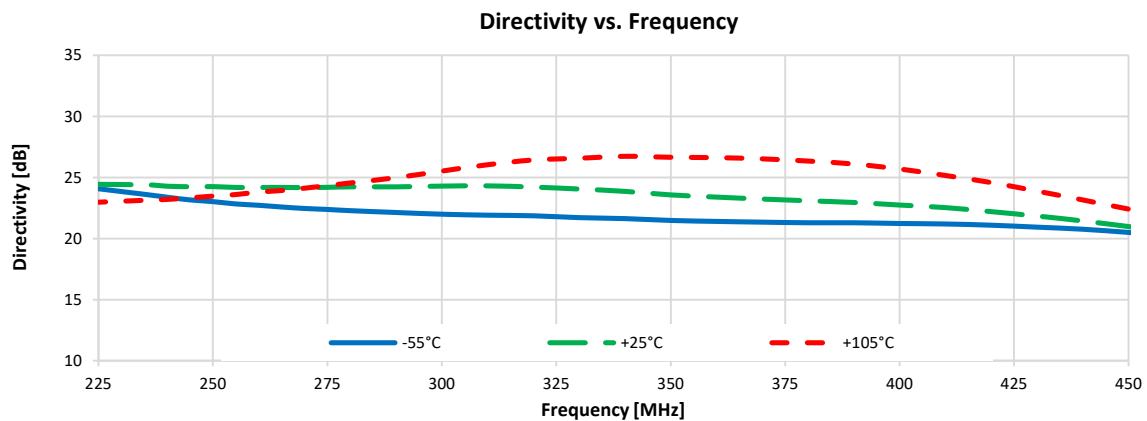
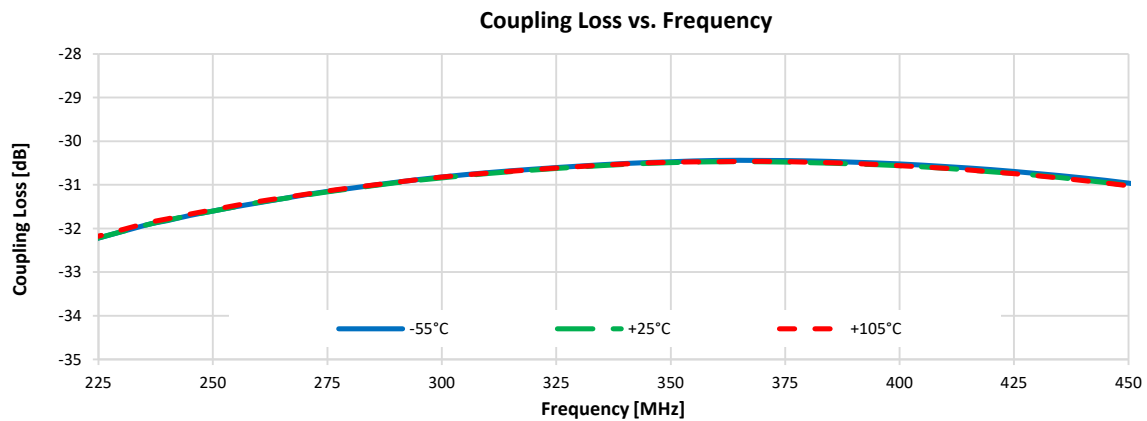
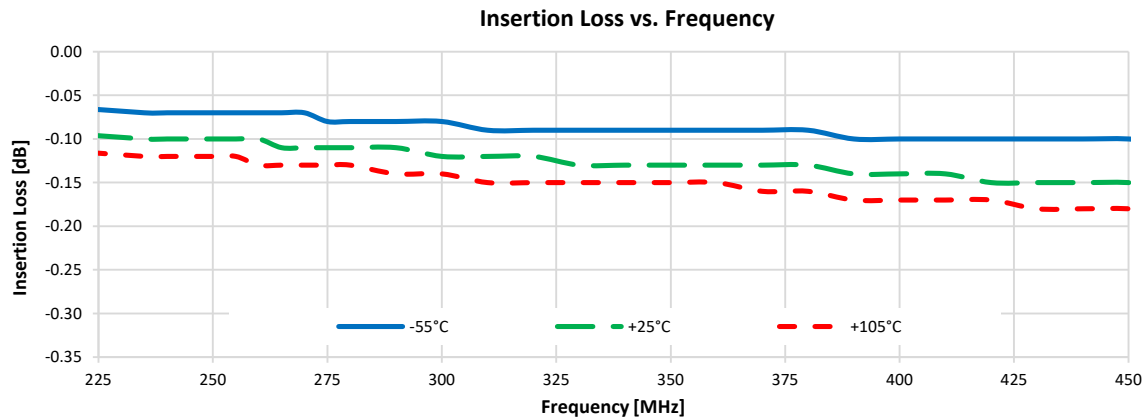


Bi-Directional Coupler

MBDA-30-451HP+

Typical Performance Graphs

Test Conditions: Input Power = +5 dbm, Configuration C.

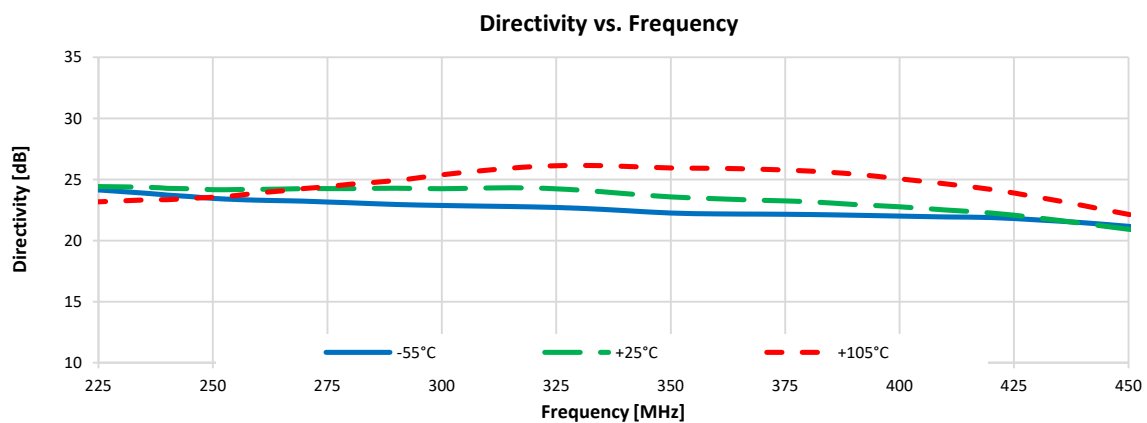
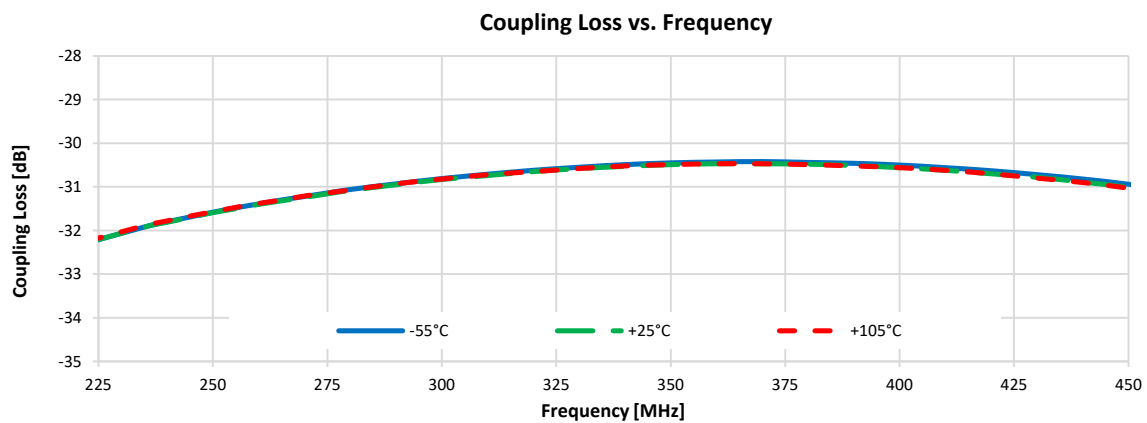
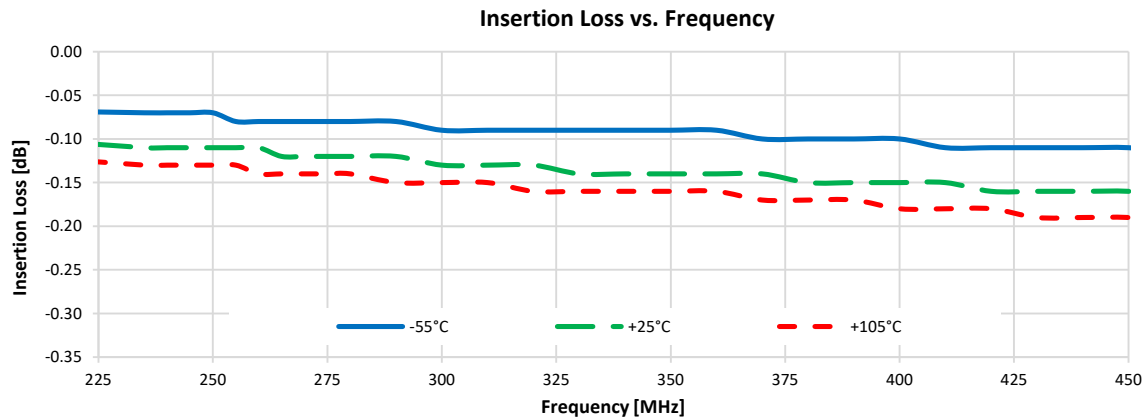


Bi-Directional Coupler

MBDA-30-451HP+

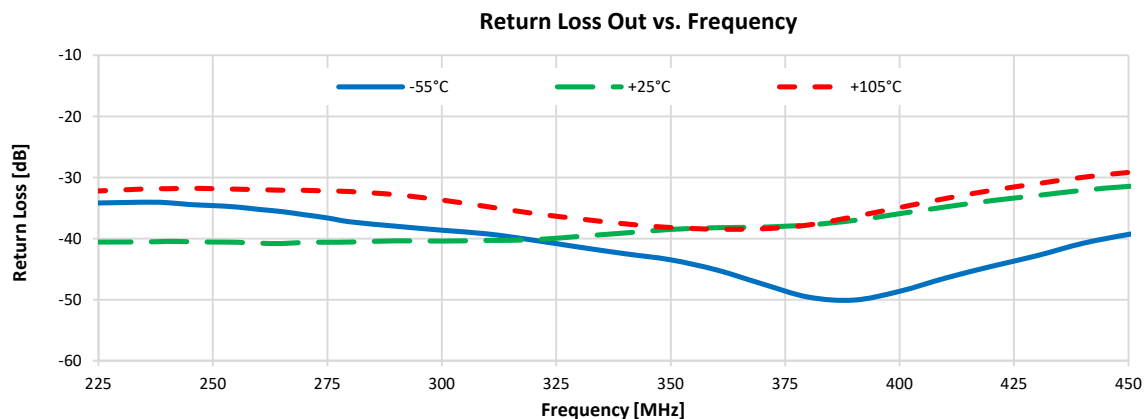
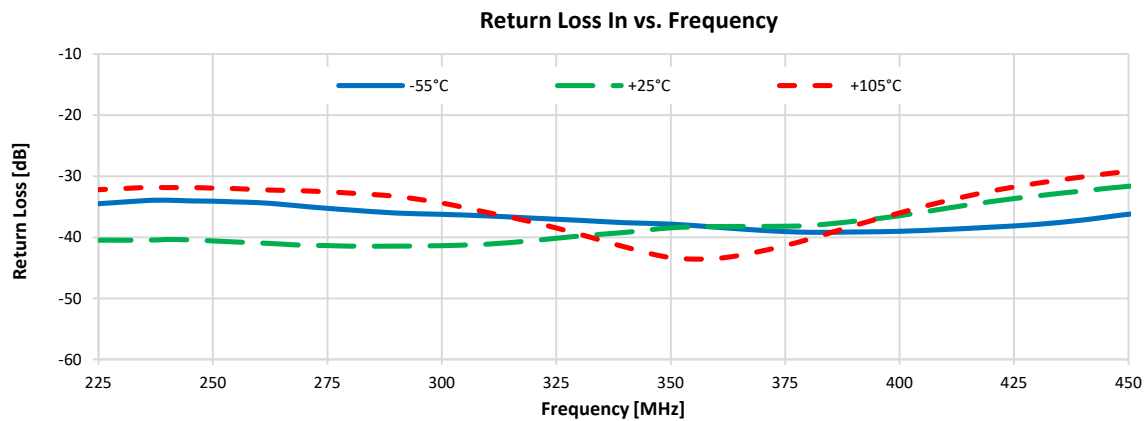
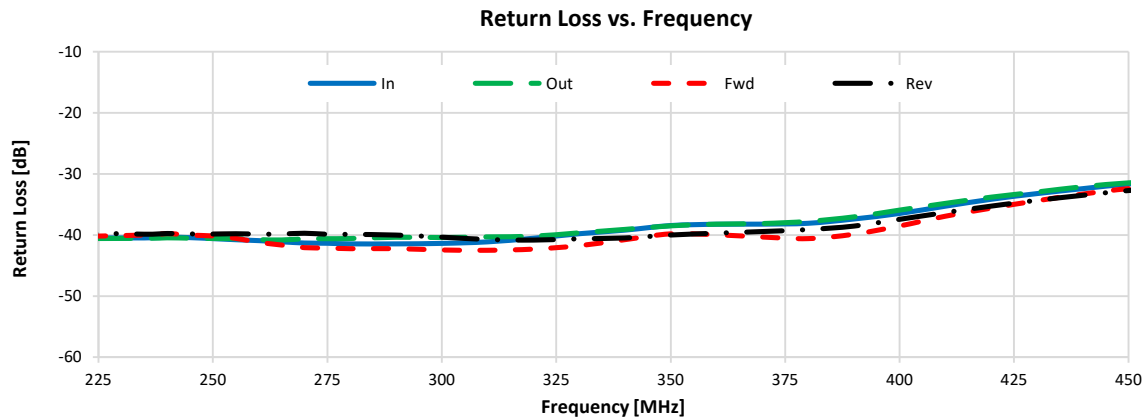
Typical Performance Graphs

Test Conditions: Input Power = +5 dbm, Configuration D.



Typical Performance Graphs

Test Conditions: Input Power = +5 dbm, Configuration A.



NOTES:

- Performance and quality attributes and conditions not expressly stated in this specification document are intended to be excluded and do not form a part of this specification document.
- Electrical specifications and performance data contained in this specification document are based on Mini-Circuit's applicable established test performance criteria and measurement instructions.
- The parts covered by this specification document are subject to Mini-Circuits standard limited warranty and terms and conditions (collectively, "Standard Terms"); Purchasers of this part are entitled to the rights and benefits contained therein. For a full statement of the Standard Terms and the exclusive rights and remedies thereunder, please visit Mini-Circuits' website at <https://www.minicircuits.com/terms/viewterm.html>

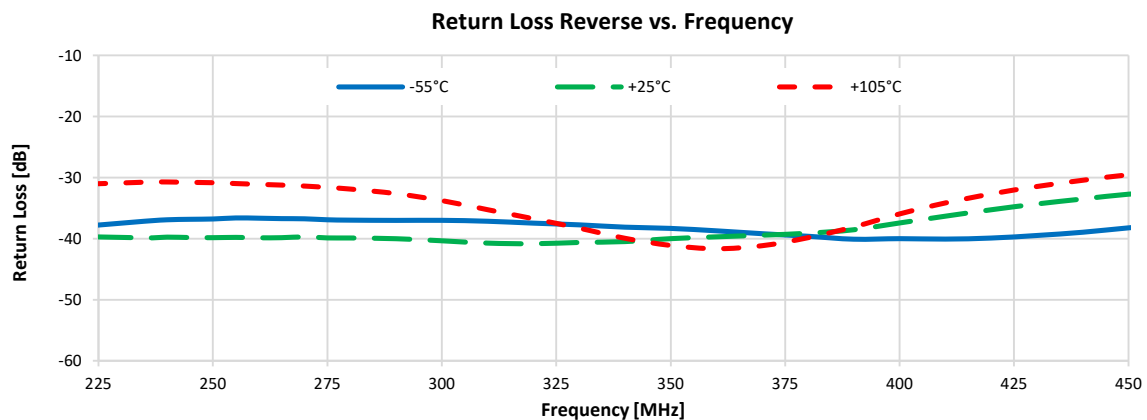
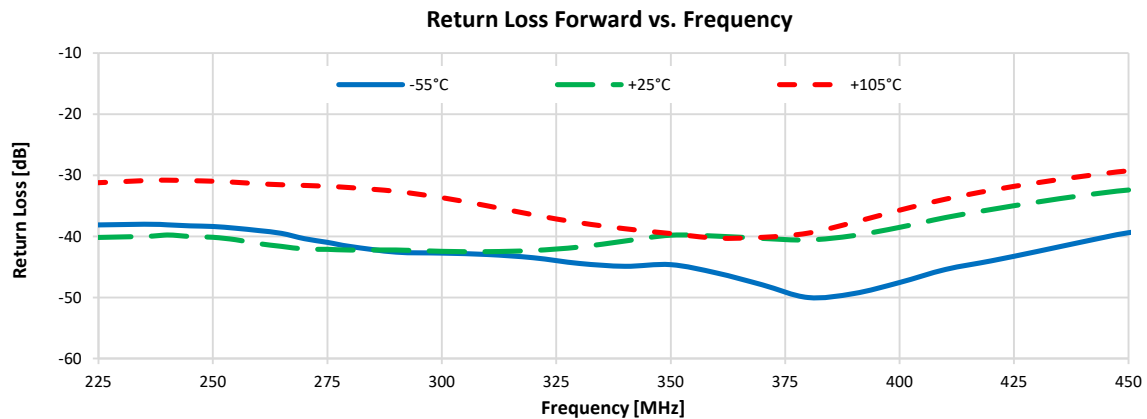


Bi-Directional Coupler

MBDA-30-451HP+

Typical Performance Graphs

Test Conditions: Input Power = +5 dbm, Configuration A.



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