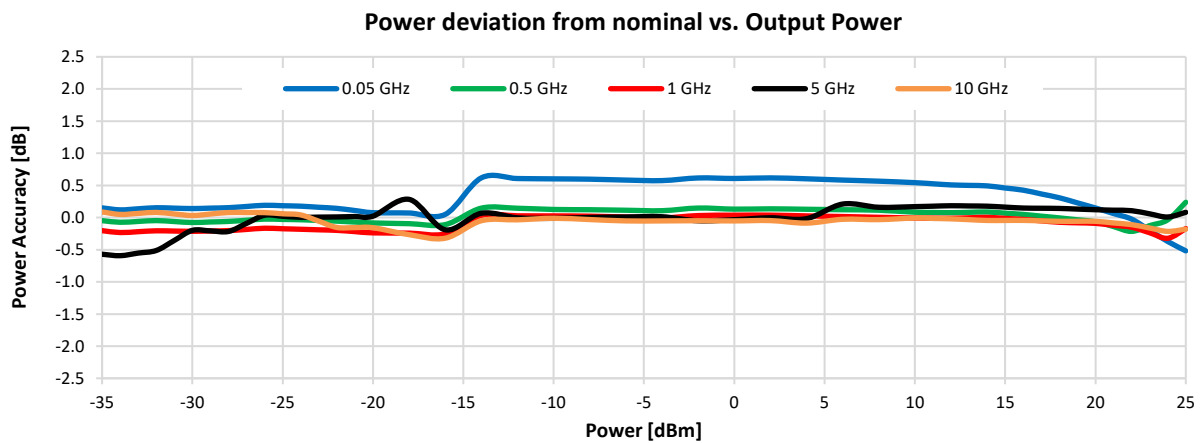
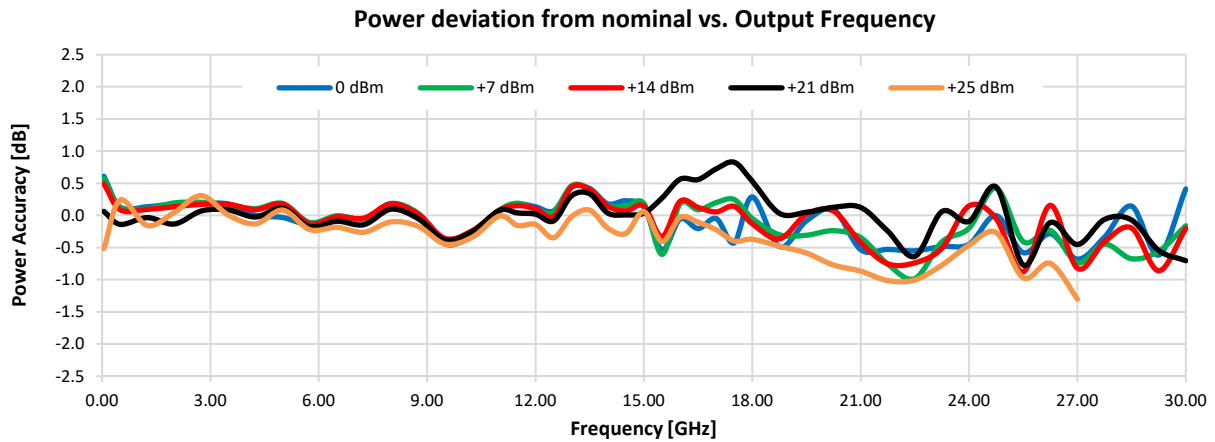
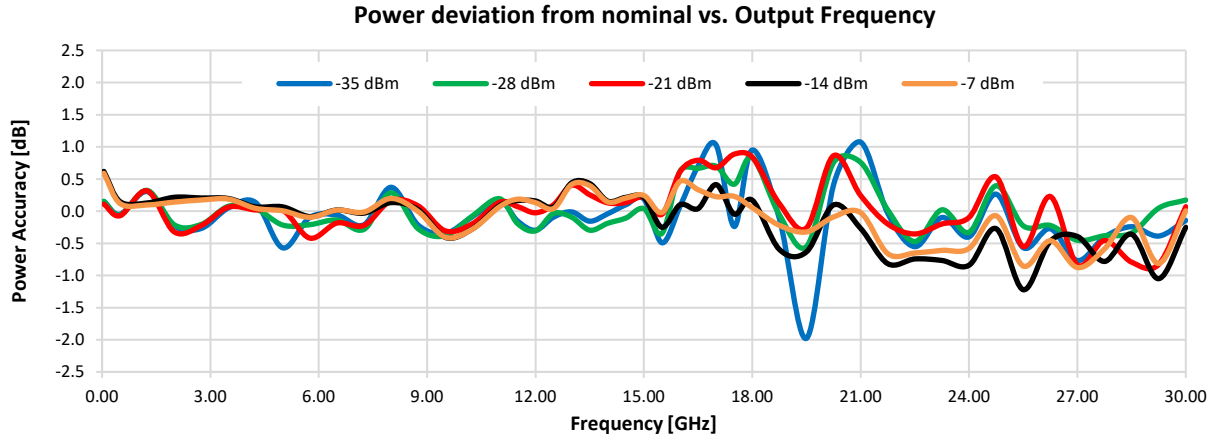


Frequency Extender

FX-30GHP-RC

Typical Performance Curves

Test Conditions: @ Temperature = 0°C.



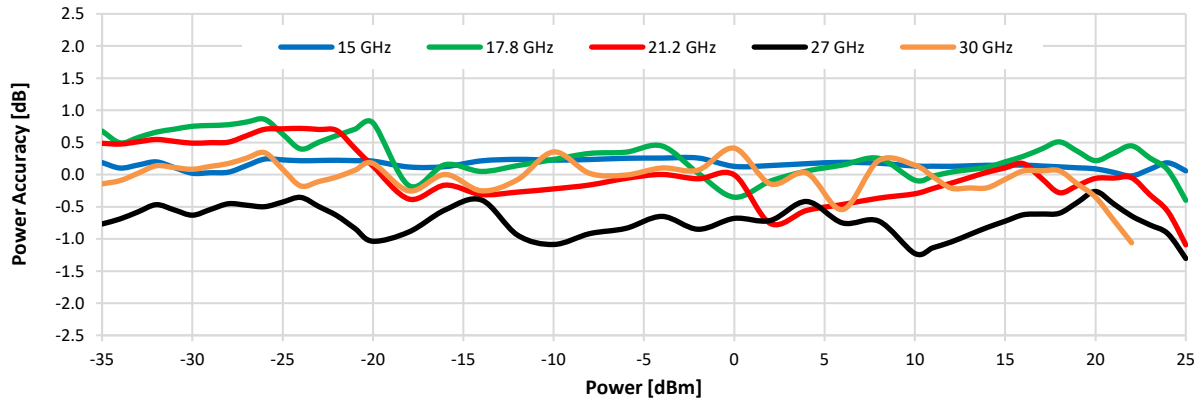
Frequency Extender

FX-30GHP-RC

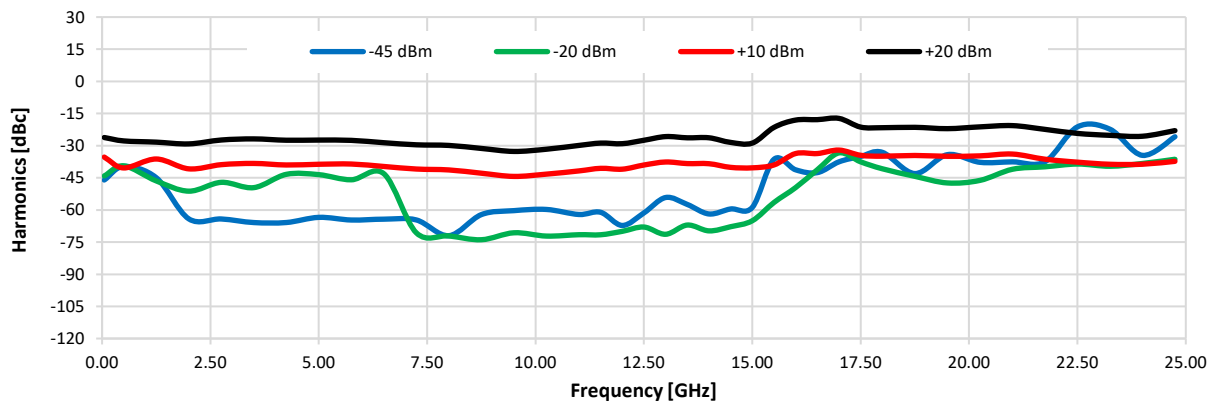
Typical Performance Curves

Test Conditions: @ Temperature = 0°C.

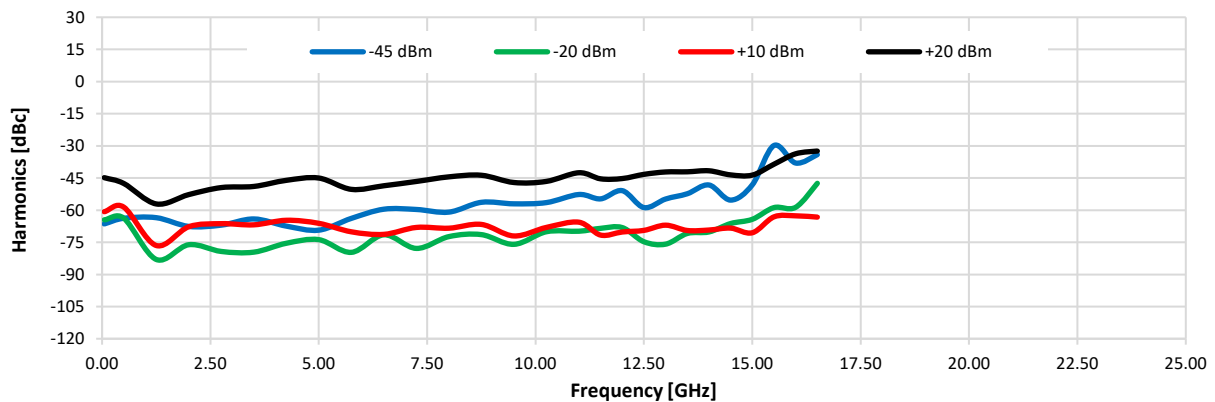
Power deviation from nominal vs. Output Power



Harmonics (F2) vs. Output Frequency



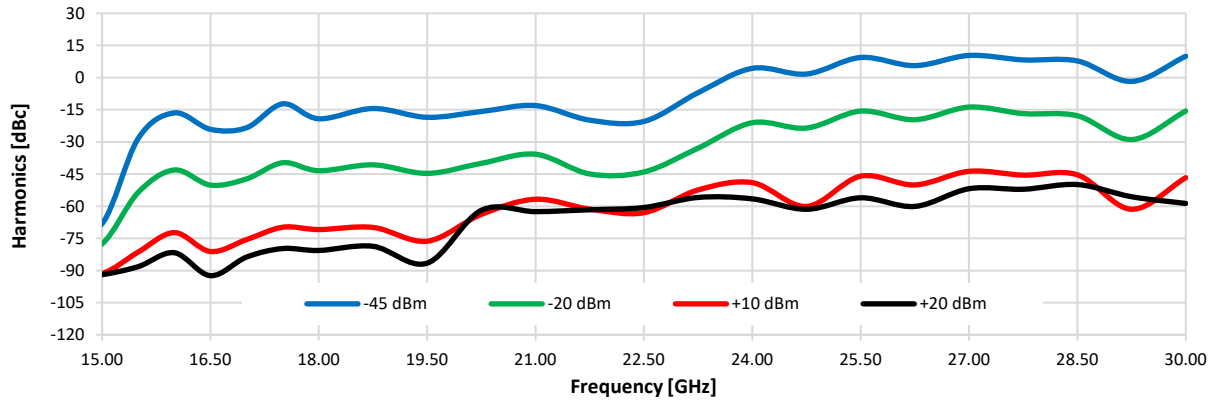
Harmonics (F3) vs. Output Frequency



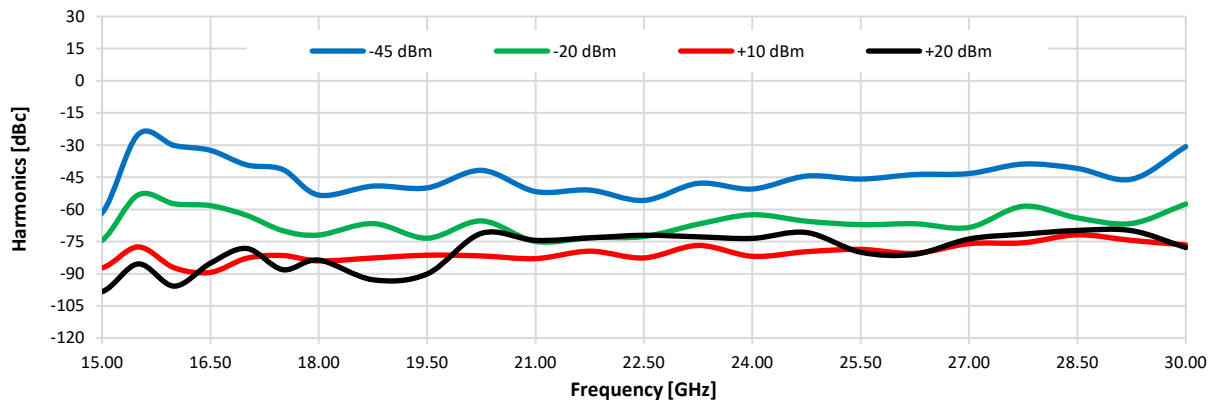
Typical Performance Curves

Test Conditions: @ Temperature = 0°C.

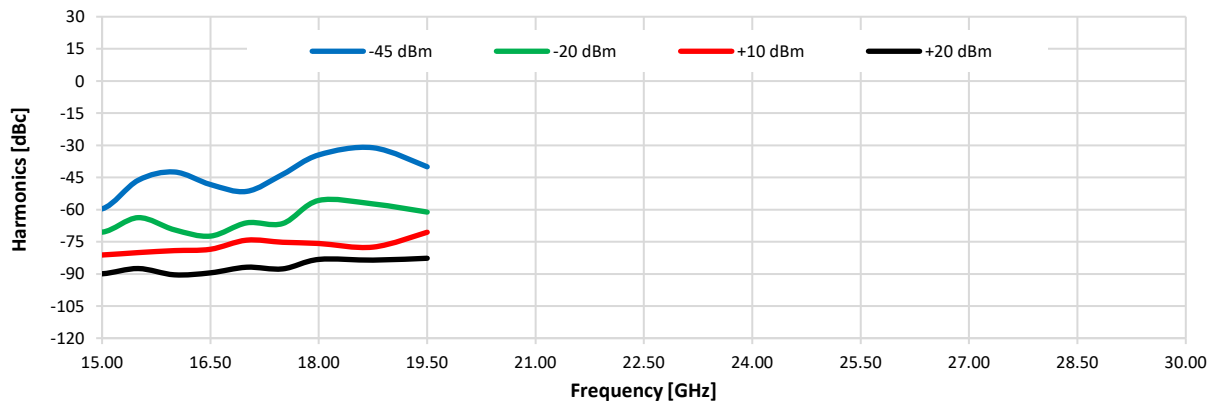
Sub-Harmonics (F0.5) vs. Output Frequency



Sub-Harmonics (F1.5) vs. Output Frequency



Sub-Harmonics (F2.5) vs. Output Frequency



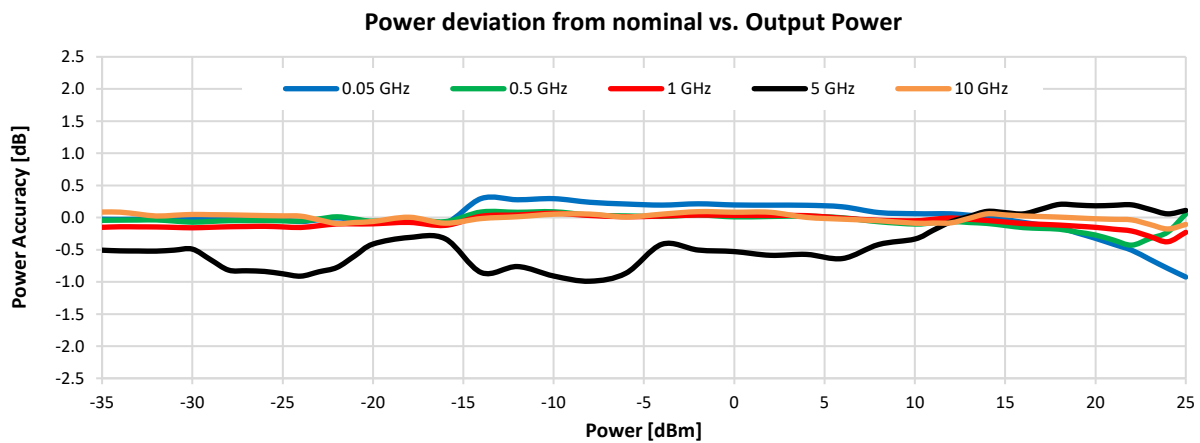
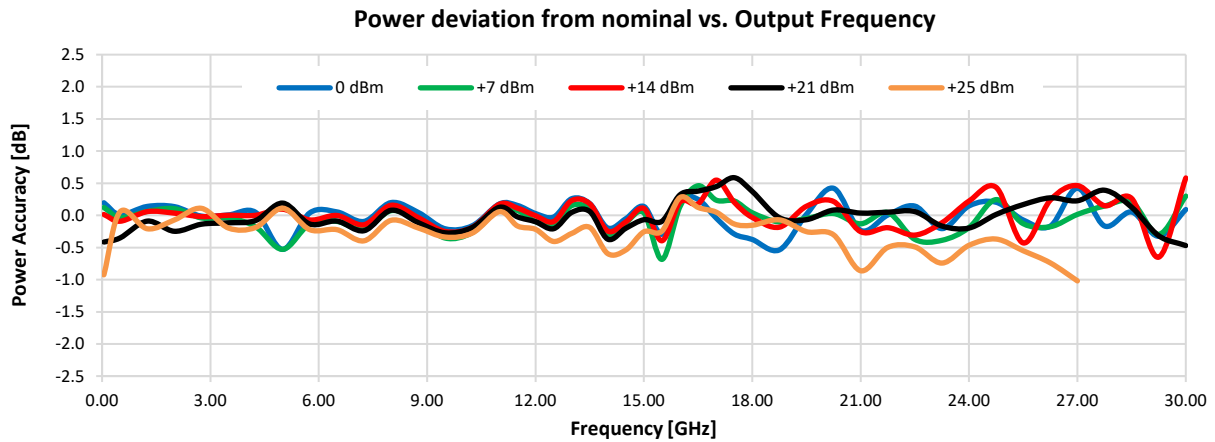
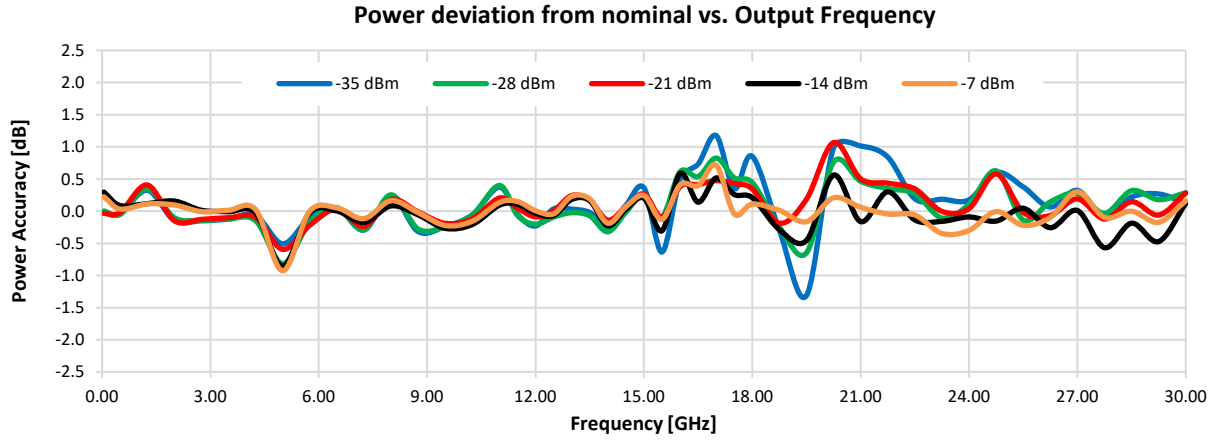
Note: No sub-harmonics below 15 GHz.

Frequency Extender

FX-30GHP-RC

Typical Performance Curves

Test Conditions: @ Temperature = 25°C.



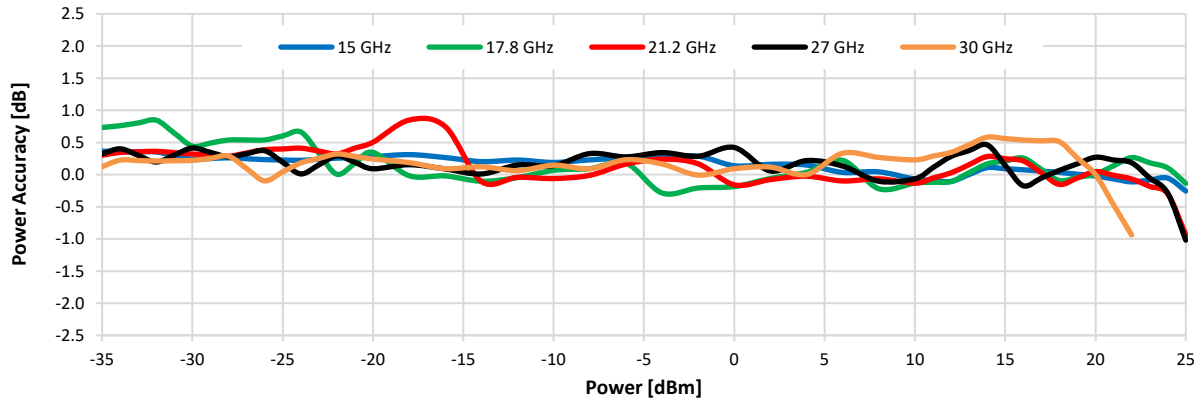
Frequency Extender

FX-30GHP-RC

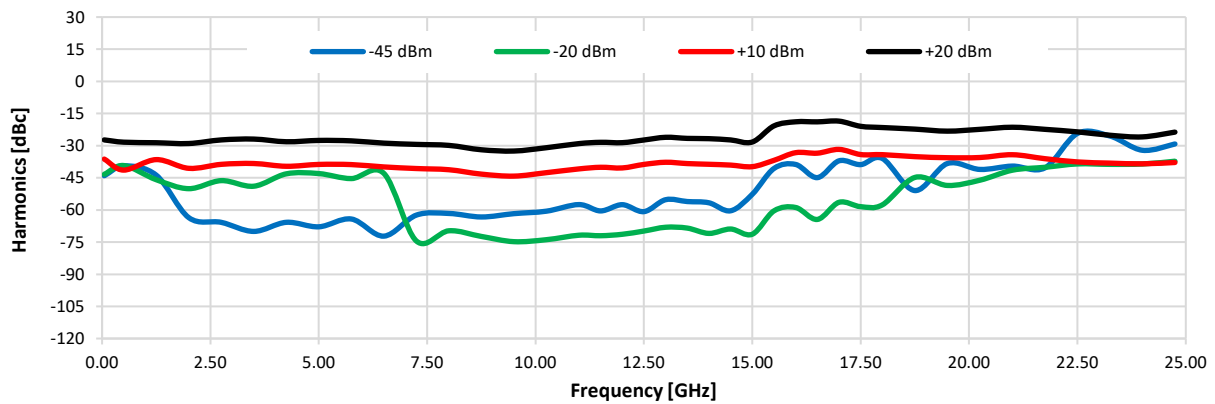
Typical Performance Curves

Test Conditions: @ Temperature = 25°C.

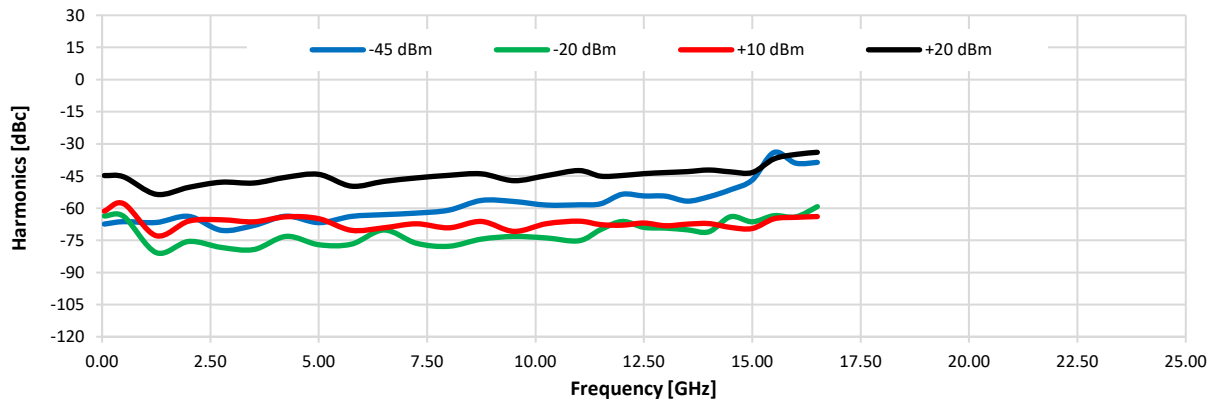
Power deviation from nominal vs. Output Power



Harmonics (F2) vs. Output Frequency



Harmonics (F3) vs. Output Frequency



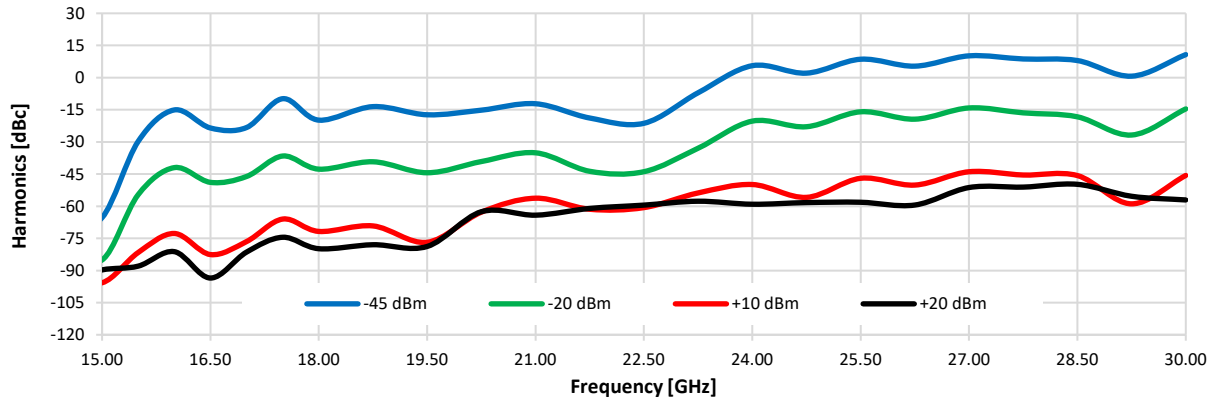
Frequency Extender

FX-30GHP-RC

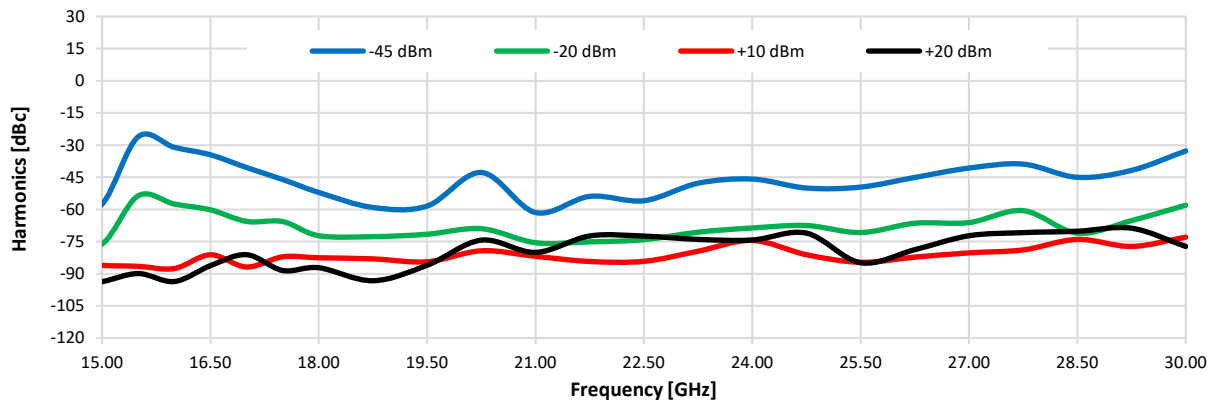
Typical Performance Curves

Test Conditions: @ Temperature = 25°C.

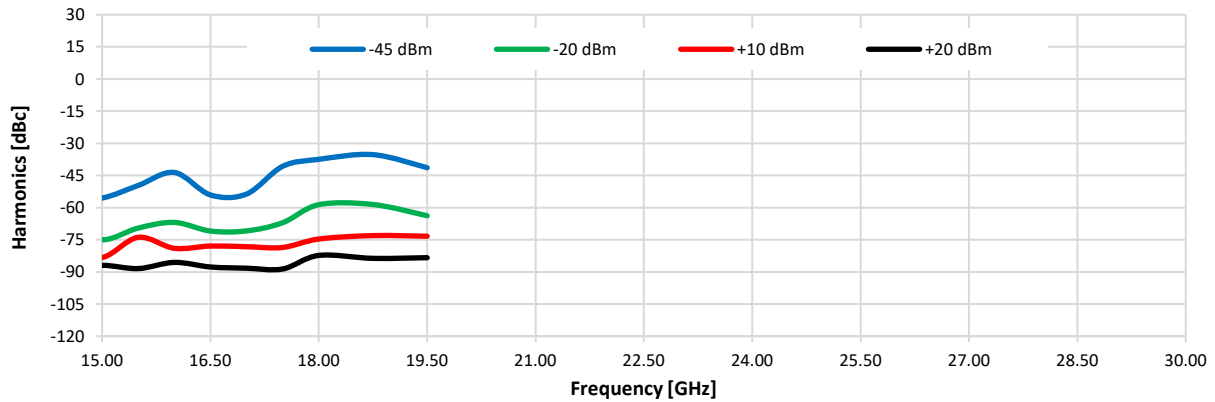
Sub-Harmonics (F0.5) vs. Output Frequency



Sub-Harmonics (F1.5) vs. Output Frequency



Sub-Harmonics (F2.5) vs. Output Frequency



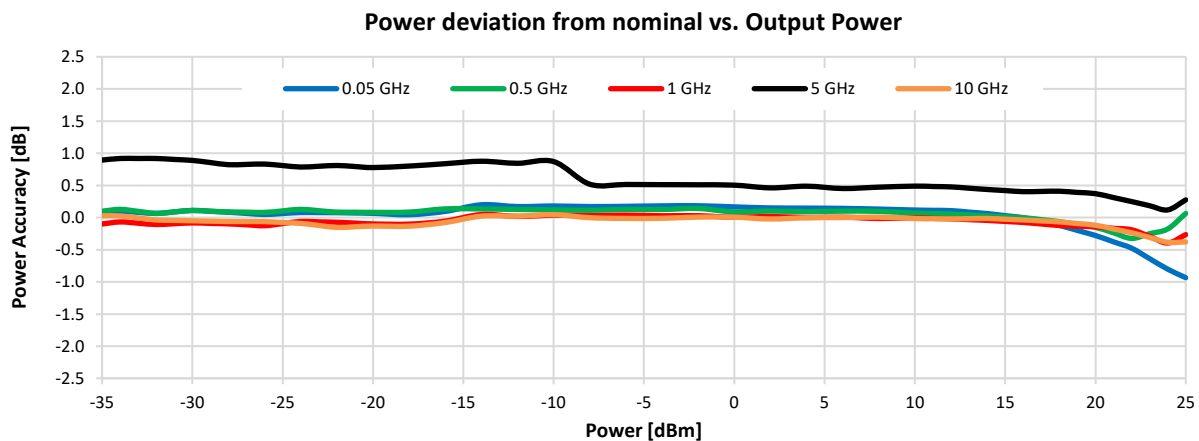
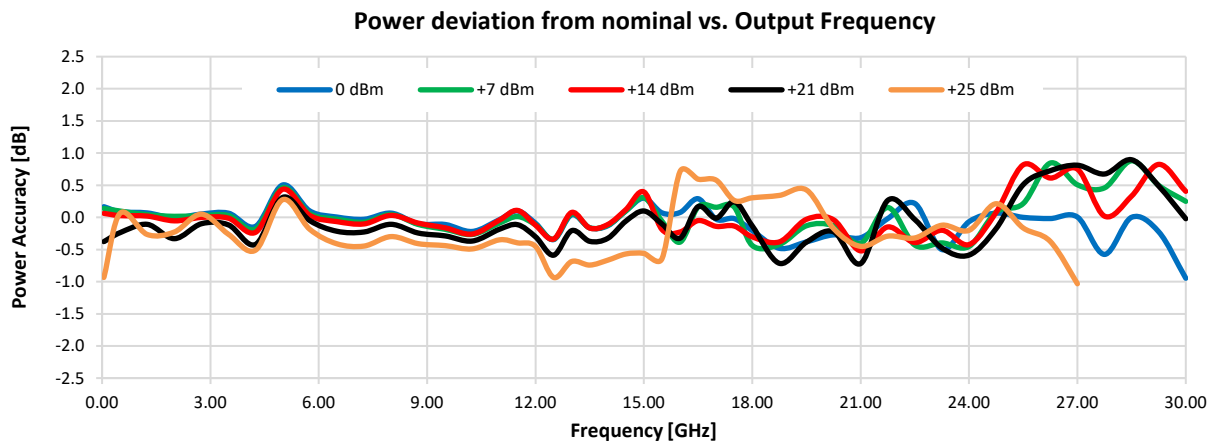
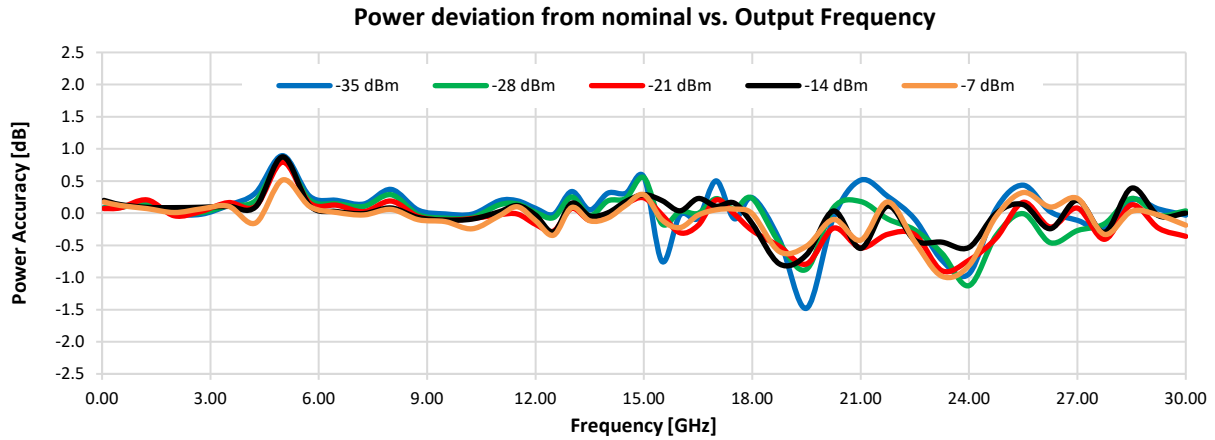
Note: No sub-harmonics below 15 GHz.

Frequency Extender

FX-30GHP-RC

Typical Performance Curves

Test Conditions: @ Temperature = 50°C.



NOTES:

- A. 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.
- B. Electrical specifications and performance data contained in this specification document are based on Mini-Circuits' applicable established test performance criteria and measurement instructions.
- C. 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>

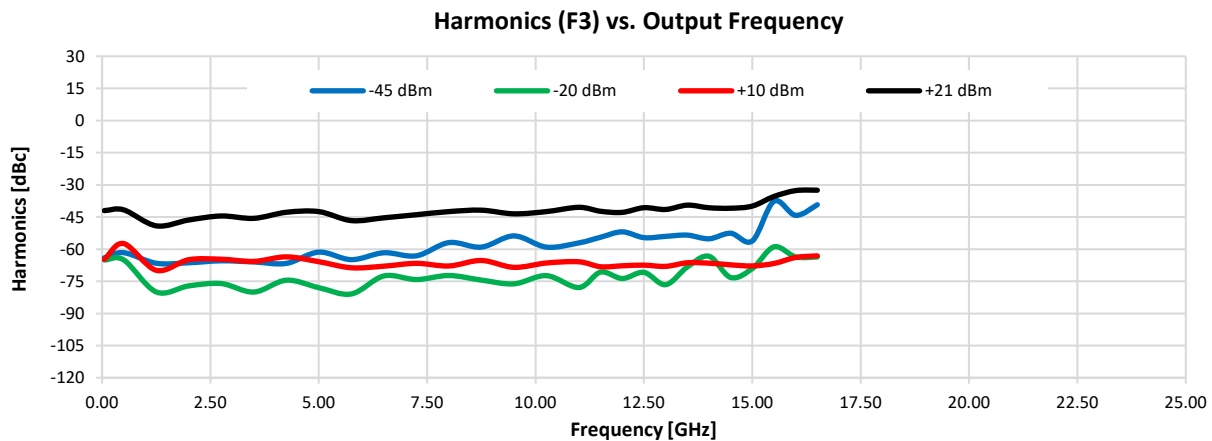
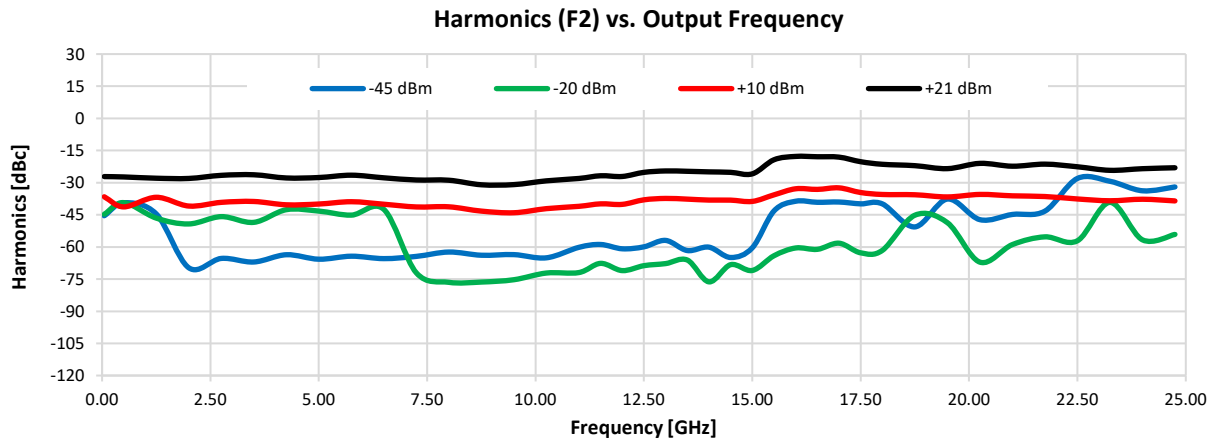
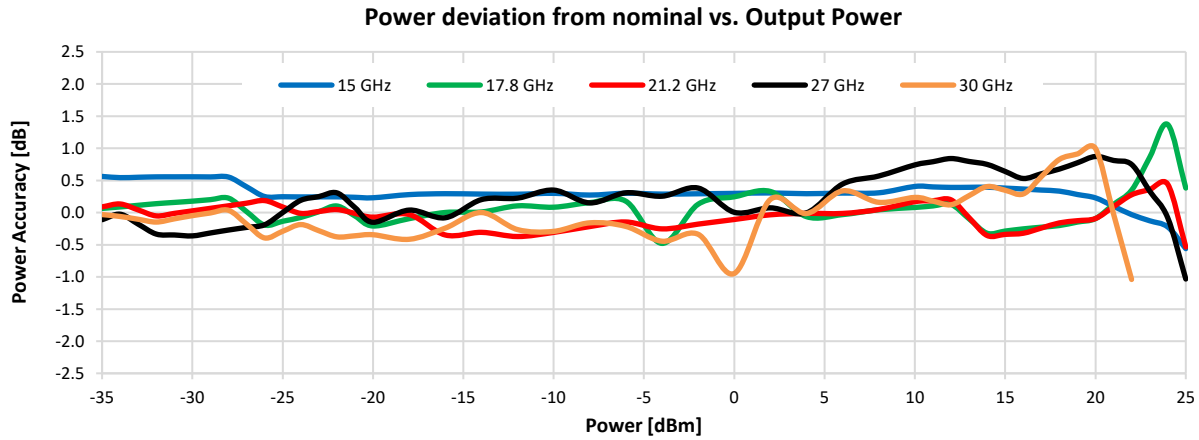


Frequency Extender

FX-30GHP-RC

Typical Performance Curves

Test Conditions: @ Temperature = 50°C.



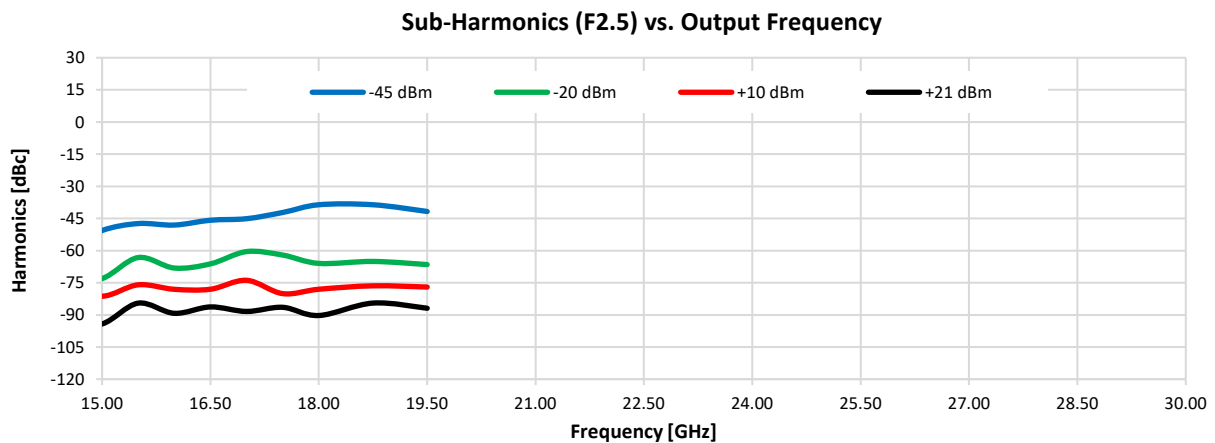
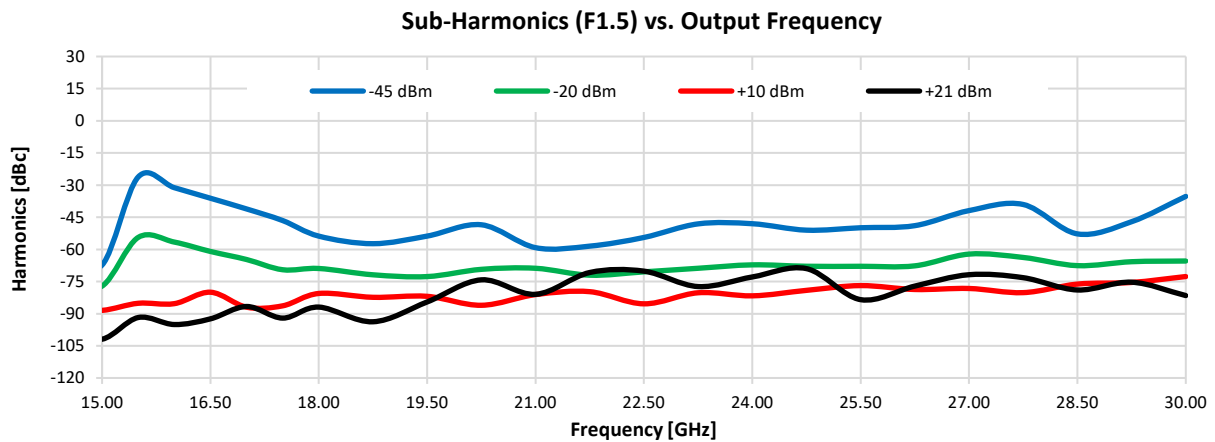
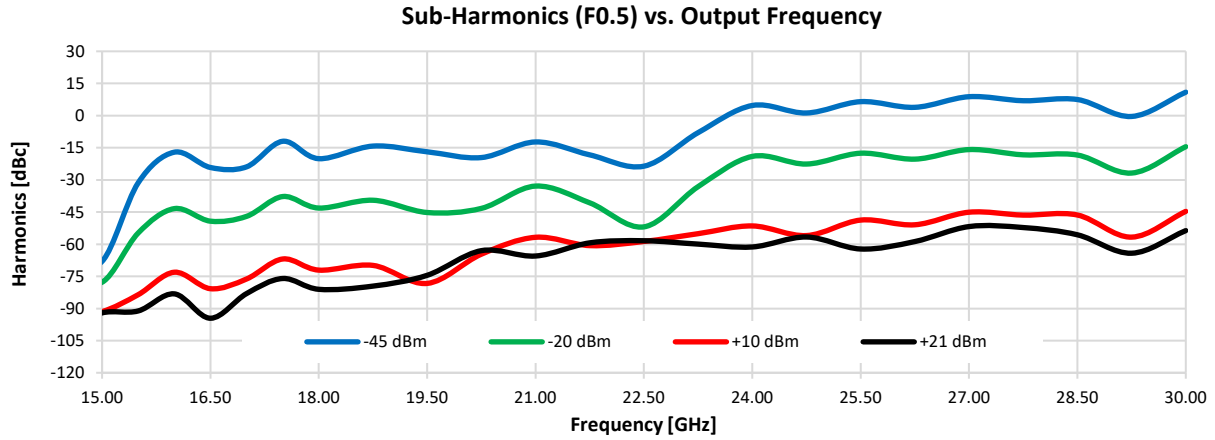
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Typical Performance Curves

Test Conditions: @ Temperature = 50°C.



Note: No sub-harmonics below 15 GHz.

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