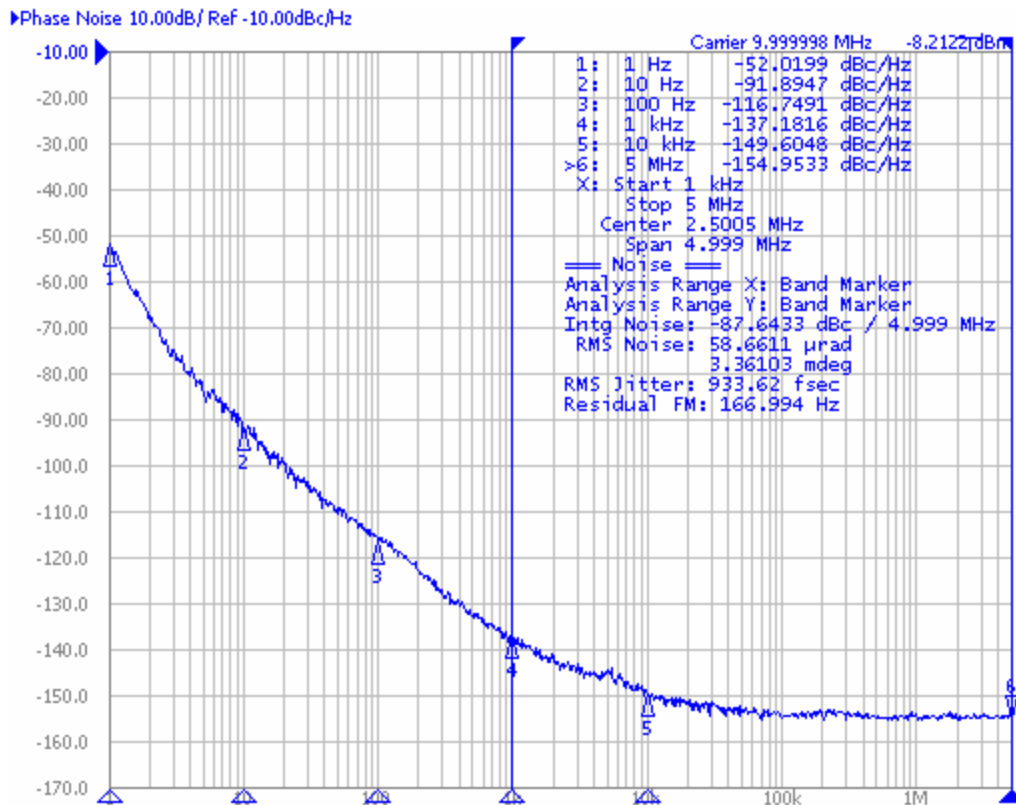


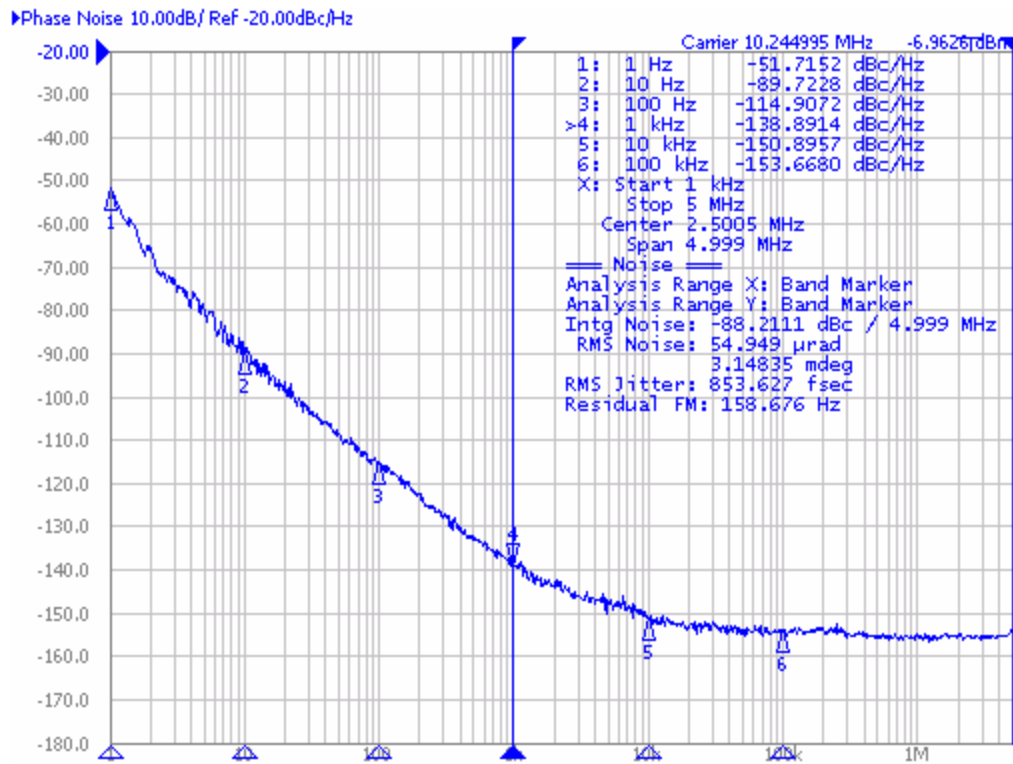
### Phase Noise Results

Phase noise measurements were performed on an Agilent E5052A signal source analyzer (SSA). The E5052A has a phase noise to jitter integration calculation feature and devices were characterized in the 1kHz-5MHz band. Please contact Vectron for other offset integration bands.

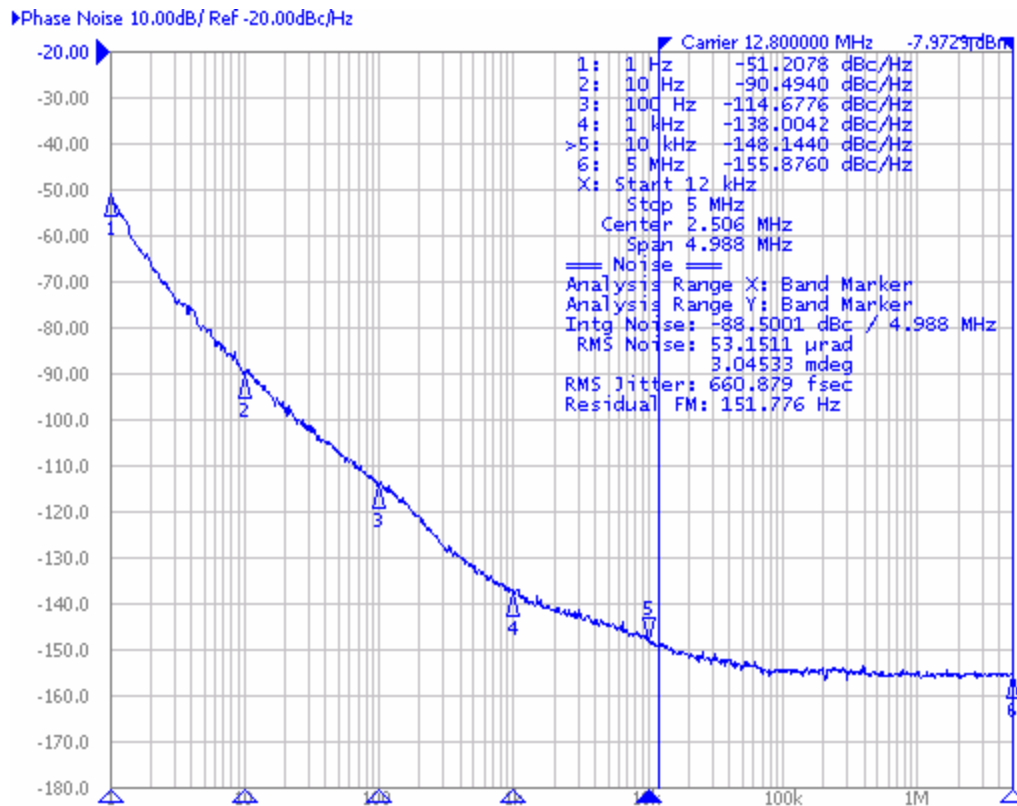


VTC4-B3BE-10M000 Phase Noise test

## Typical Phase Noise for the VTC4 Series

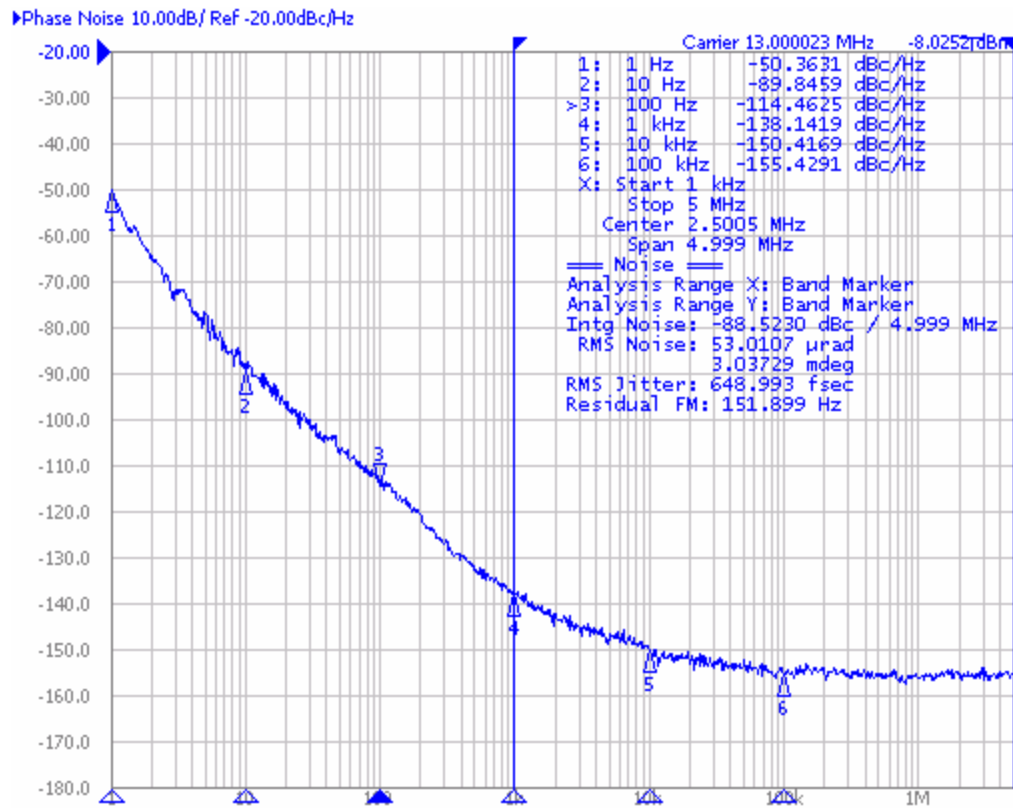


VTC4-BOBE-10M245 Phase Noise test

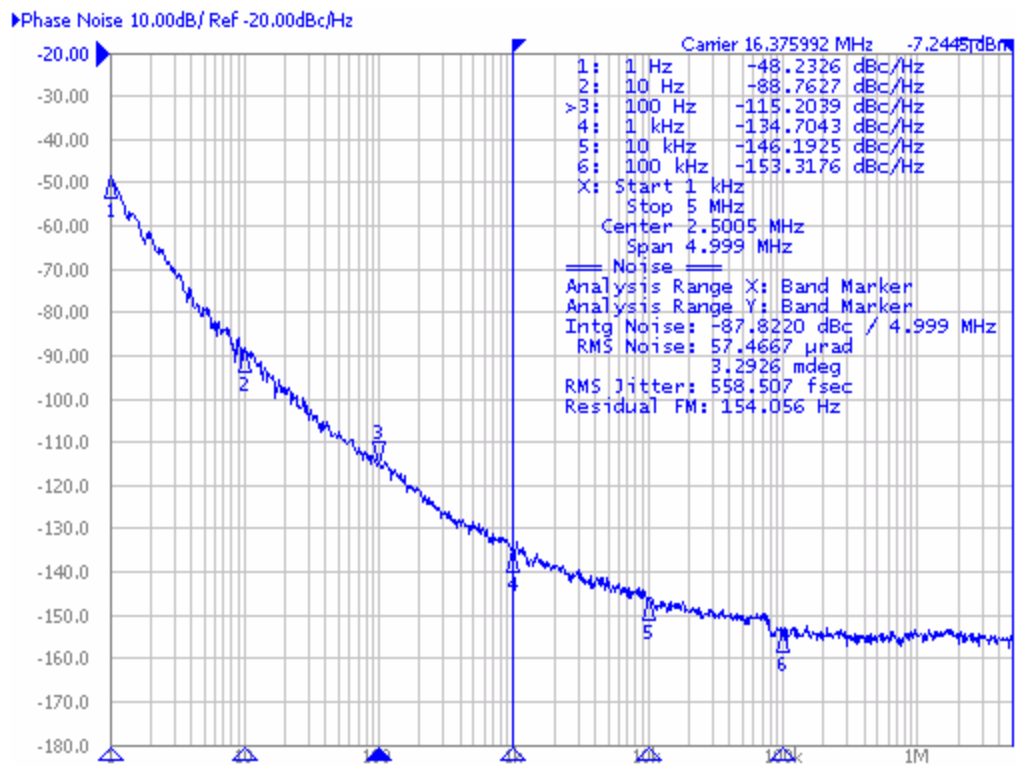


VTC4-B22E-12M800 Phase Noise test

## Typical Phase Noise for the VTC4 Series

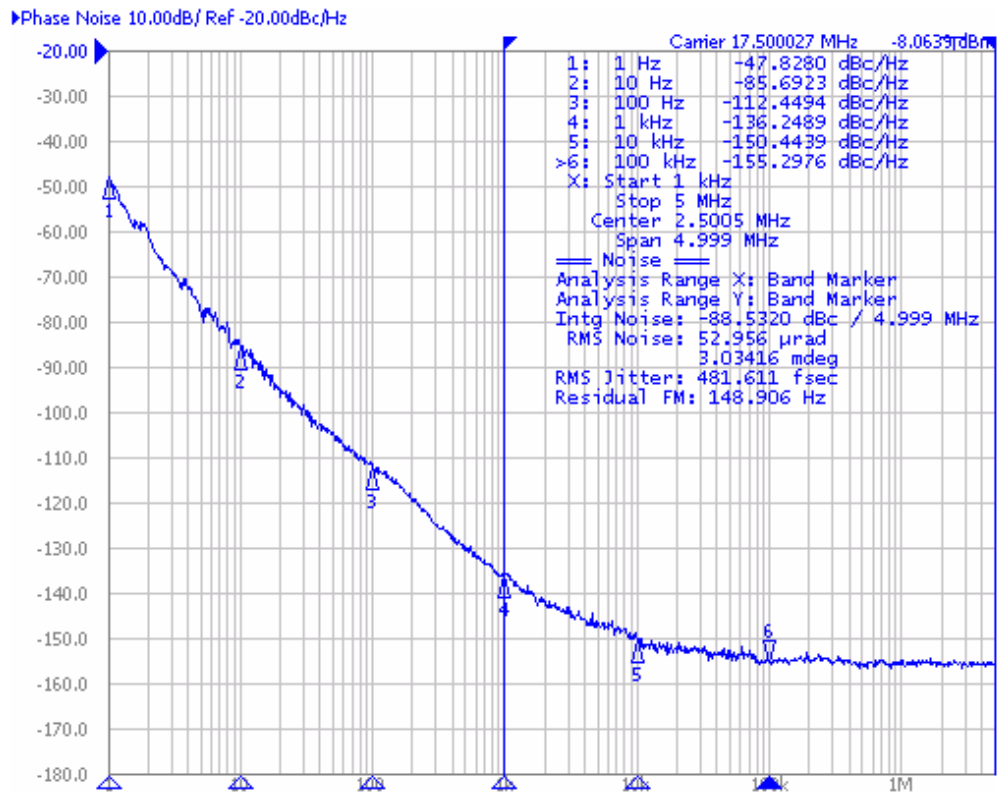


VTC4-C12E-13M000 Phase Noise test

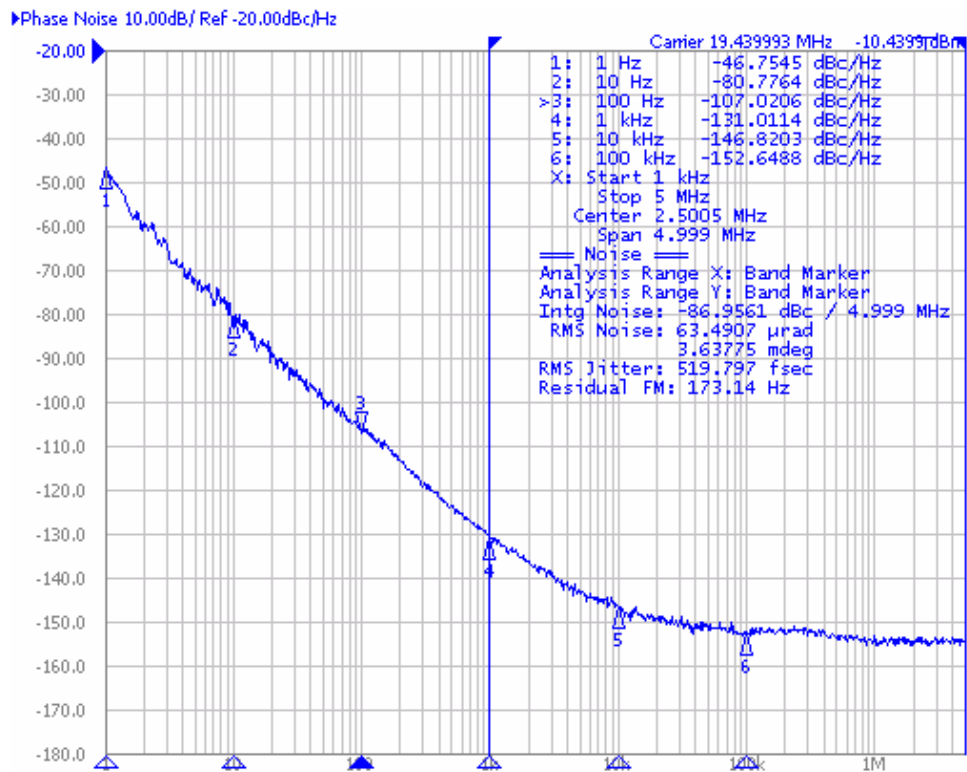


VTC4-BOCD-16M376 Phase Noise test

## Typical Phase Noise for the VTC4 Series

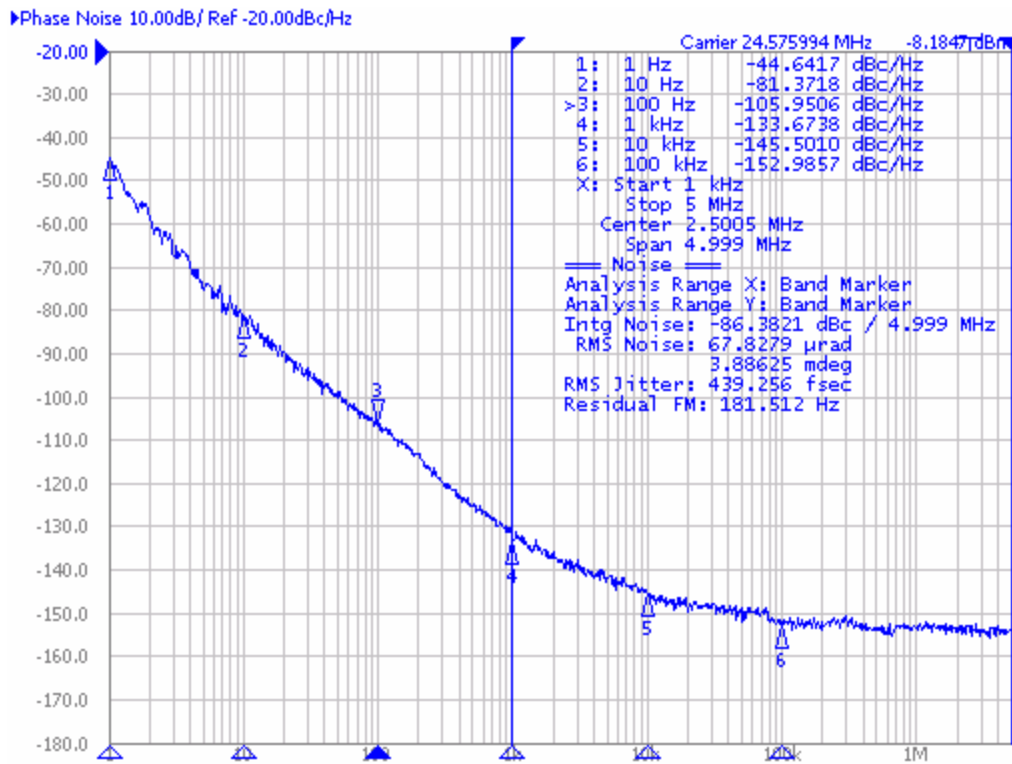


VTC4-B21E-17M500 Phase Noise test



VTC4-B0DE-19M440 Phase Noise test

## Typical Phase Noise for the VTC4 Series



VTC4-B05D-24M576 Phase Noise test

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