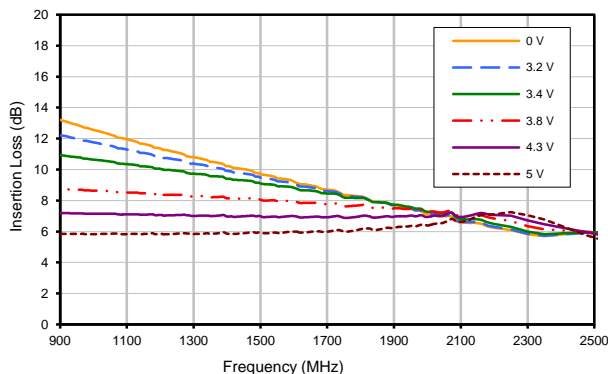


# Voltage Variable Equalizer, 50Ω

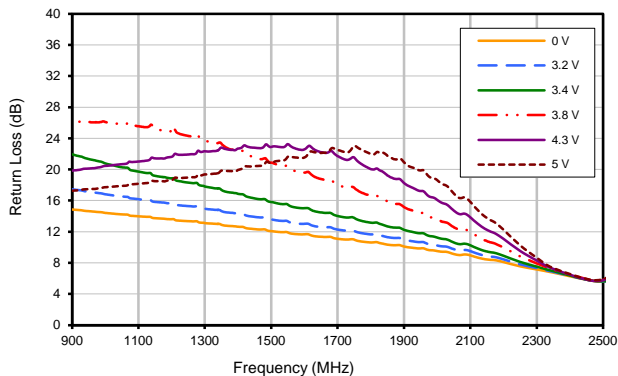
# VAEQ-2150R+

## Typical Performance Curves @ $V_+ = 5V$

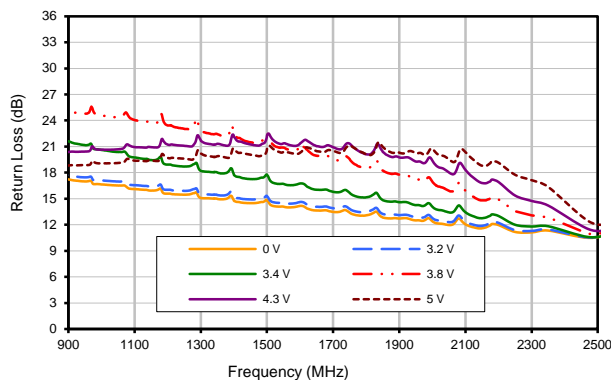
**INSERTION LOSS**  
Vs. FREQUENCY OVER CONTROL VOLTAGES



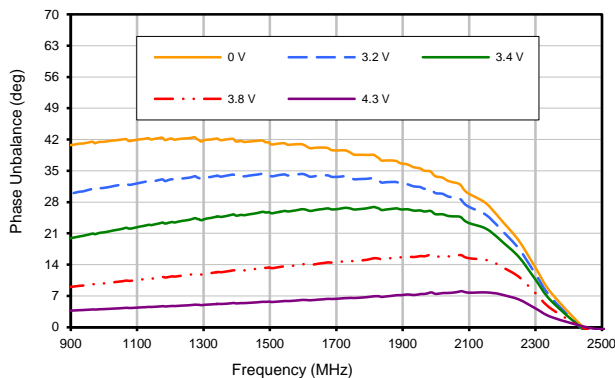
**INPUT RETURN LOSS**  
Vs. FREQUENCY OVER CONTROL VOLTAGES



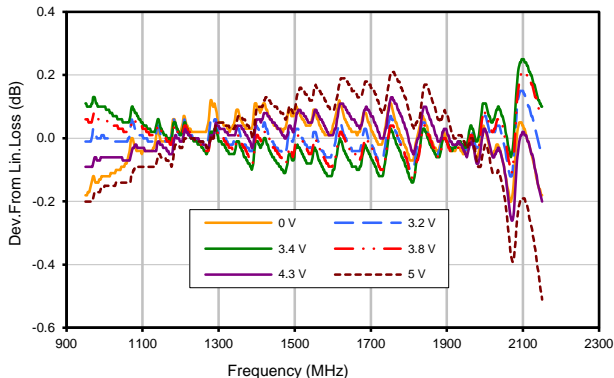
**OUTPUT RETURN LOSS**  
Vs. FREQUENCY OVER CONTROL VOLTAGES



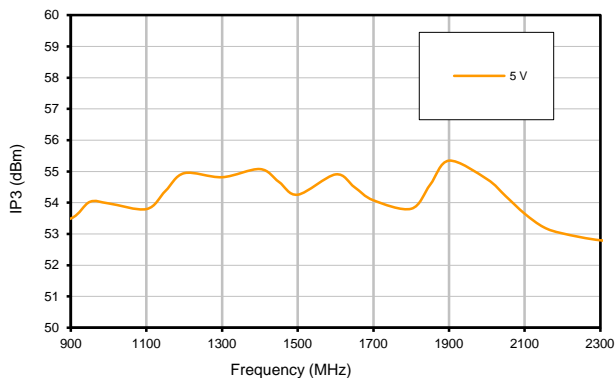
**PHASE UNBALANCE**  
Vs. FREQUENCY OVER CONTROL VOLTAGES



**DEVIATION FROM LINEAR LOSS**  
Vs. FREQUENCY OVER CONTROL VOLTAGES



**IP3**  
Vs. FREQUENCY OVER CONTROL VOLTAGES



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IF/RF MICROWAVE COMPONENTS

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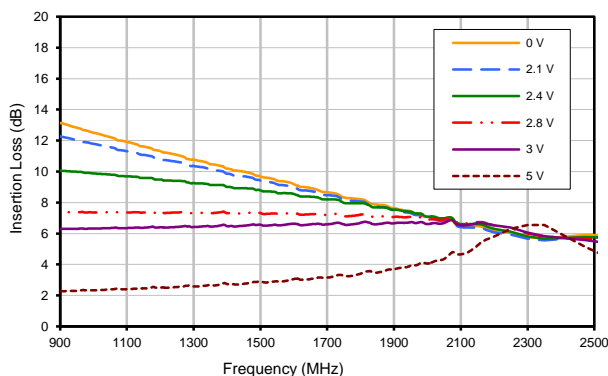
REV. OR  
VAEQ-2150R+  
190402

# Voltage Variable Equalizer, 50Ω

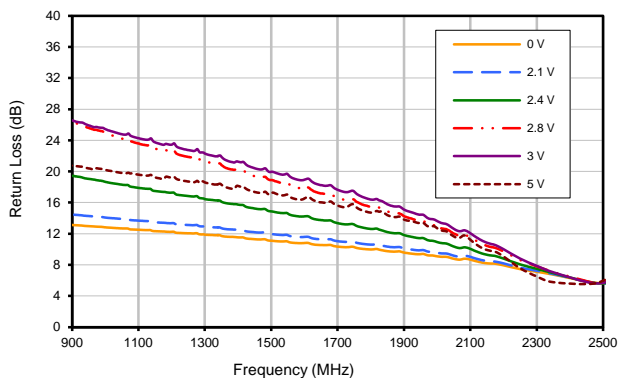
# VAEQ-2150R+

## Typical Performance Curves @ $V_+=3V$

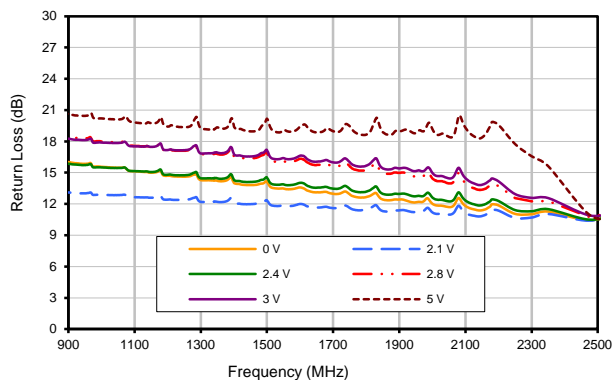
**INSERTION LOSS**  
Vs.FREQUENCY OVER CONTROL VOLTAGES



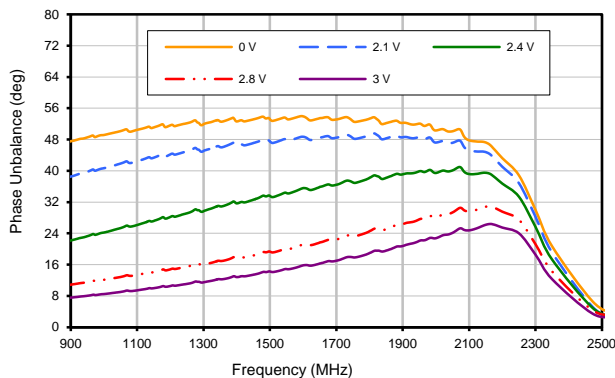
**INPUT RETURN LOSS**  
Vs.FREQUENCY OVER CONTROL VOLTAGES



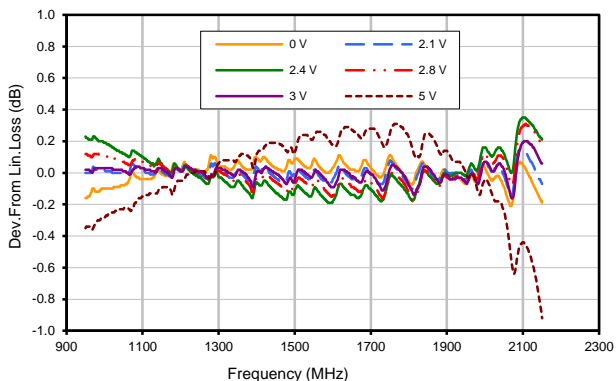
**OUTPUT RETURN LOSS**  
Vs.FREQUENCY OVER CONTROL VOLTAGES



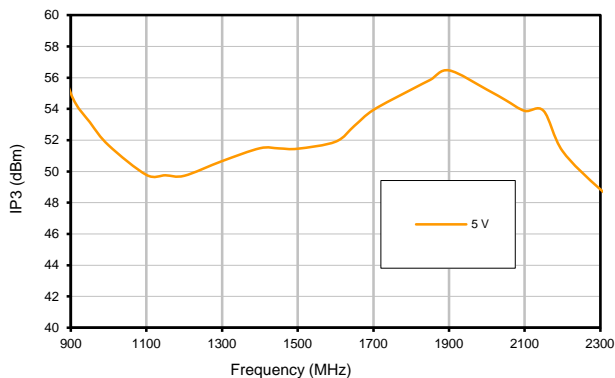
**PHASE UNBALANCE**  
Vs.FREQUENCY OVER CONTROL VOLTAGES



**DEVIATION FROM LINEAR LOSS**  
Vs.FREQUENCY OVER CONTROL VOLTAGES



**IP3**  
Vs.FREQUENCY OVER CONTROL VOLTAGES



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