



Absorptive Voltage Control Attenuator 4-8GHz 30dB



Features

- Wide Band Operation 4-8GHz
- 30dB Attenuation Range
- DC-10V Biasing Adjustment Range
- Low Supply Current 15mA Typical
- High 1dB Compression Point >+30dBm
- Linear in dB Control Characteristic
- Customization available upon request

RF-Lambda's Voltage Controlled Attenuators provide a broadband range of operation available in 3V, 5V or 10V versions. Our attenuators offer high-linearity suitable for wireless, CATV infrastructure applications.

Input Port Absorptive Voltage Control Attenuator							
Frequency (GHz)	Insert. Loss (dB)	VSWR	VSWR	Atten (dB)	Flatness (dB)	P1dB (W)	Biasing Voltage
4-8	2	1.6	1.6	30	±1	1	DC-10V <15mA

Absolute Maximum Ratings	
Control Voltage	DC-10V
Input RF power	30dBm
Storage Temperature (C°)	-50 ~ +125

Environment specifications	
Operational Temperature (C°)	-45 ~ +85
Storage Temperature (C°)	-50 ~ +125
Altitude	30,000 ft (Controlled environment)
Vibration	10g rms (15 degree 2KHz)
Humidity	100% RH at 35c, 95%RH at 40 deg c
Shock	20G for 11msc

Mechanical Specification

- Case Style: As shown
- Finishing: Gold plating brass
Other finishing available
- Connector: SMA-F Per MIL-C-39012
- Seal: Hermetically Sealed
- Control PIN: 0.02" dia x 0.15" solder pins
- Weight: 40 grams max.

Ordering Information		
Part No	ECCN	Description
RFVAT0408A30	EAR99	4-8GHz Voltage Control Attenuator

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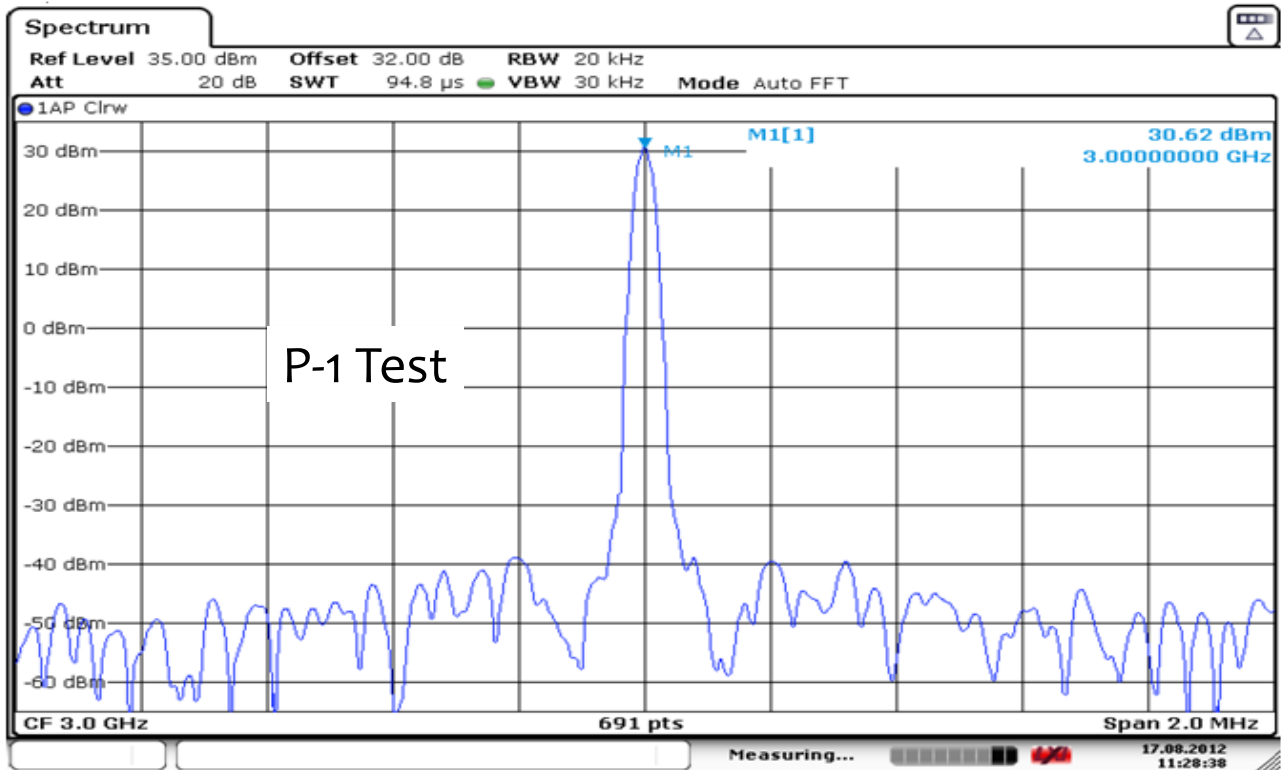
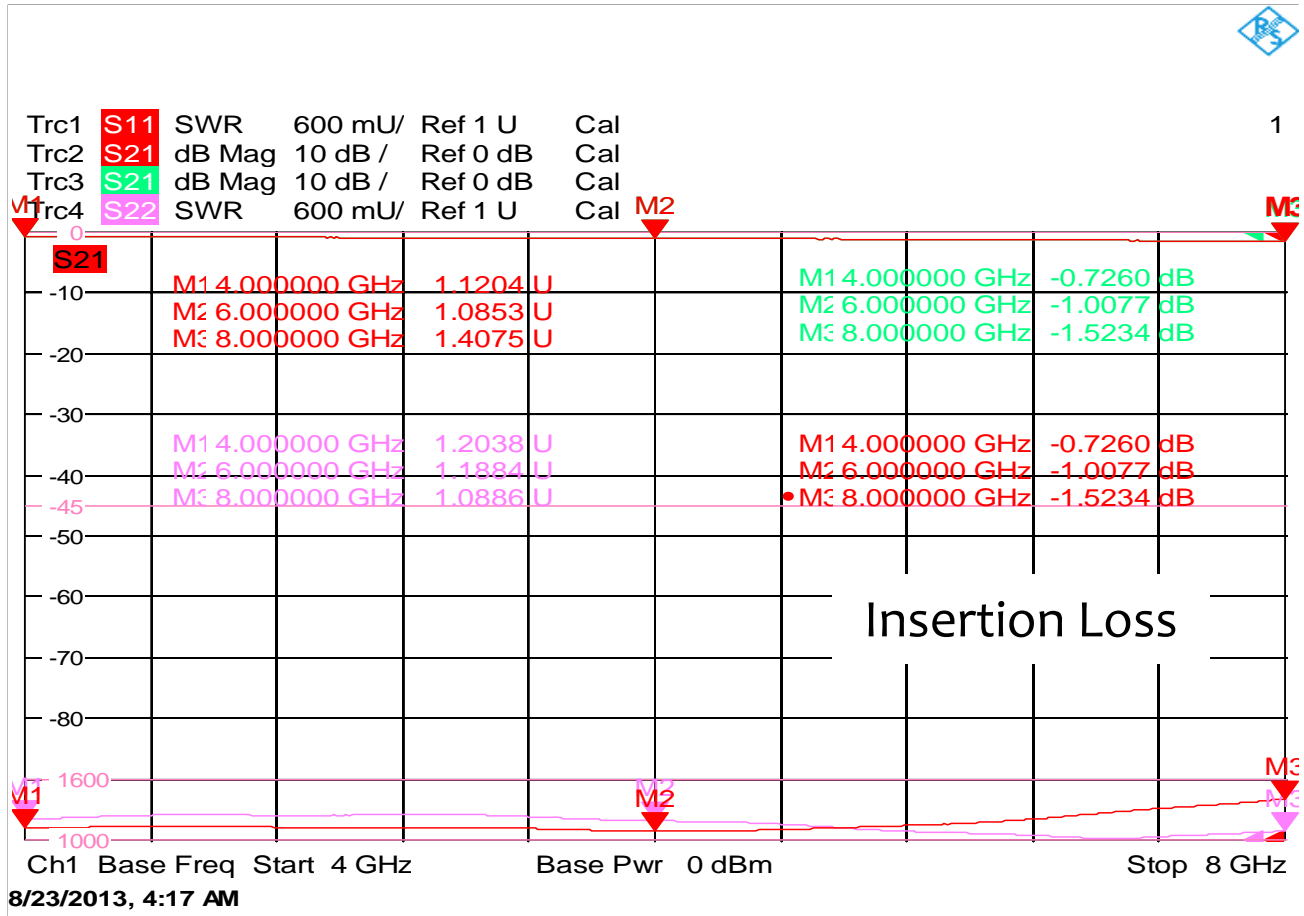


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The power beyond expectations

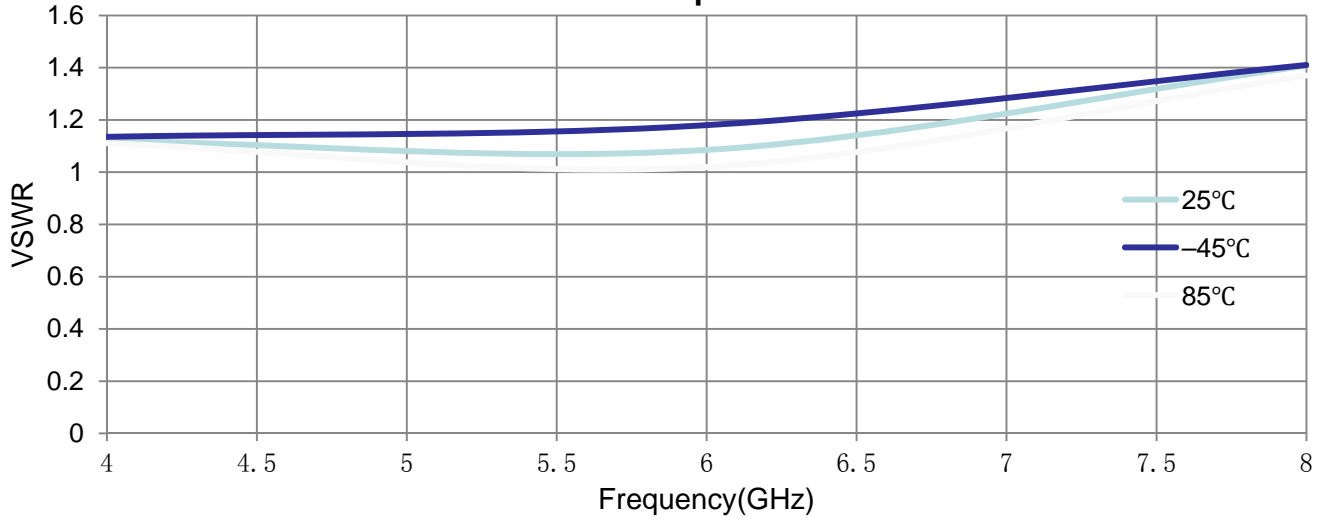
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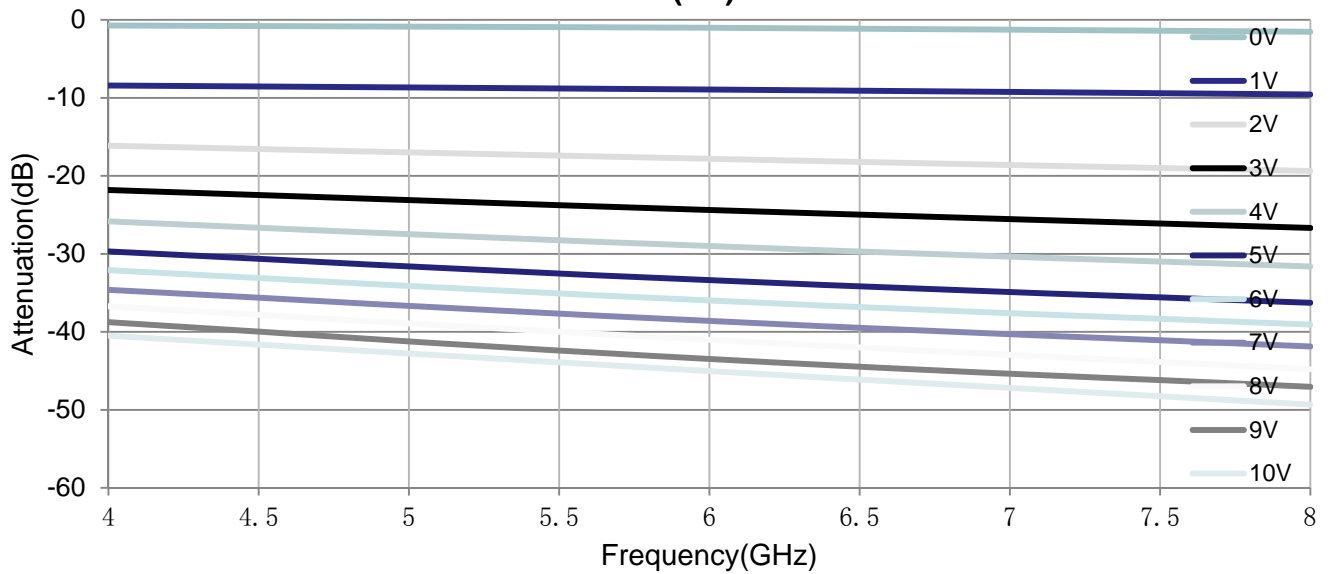




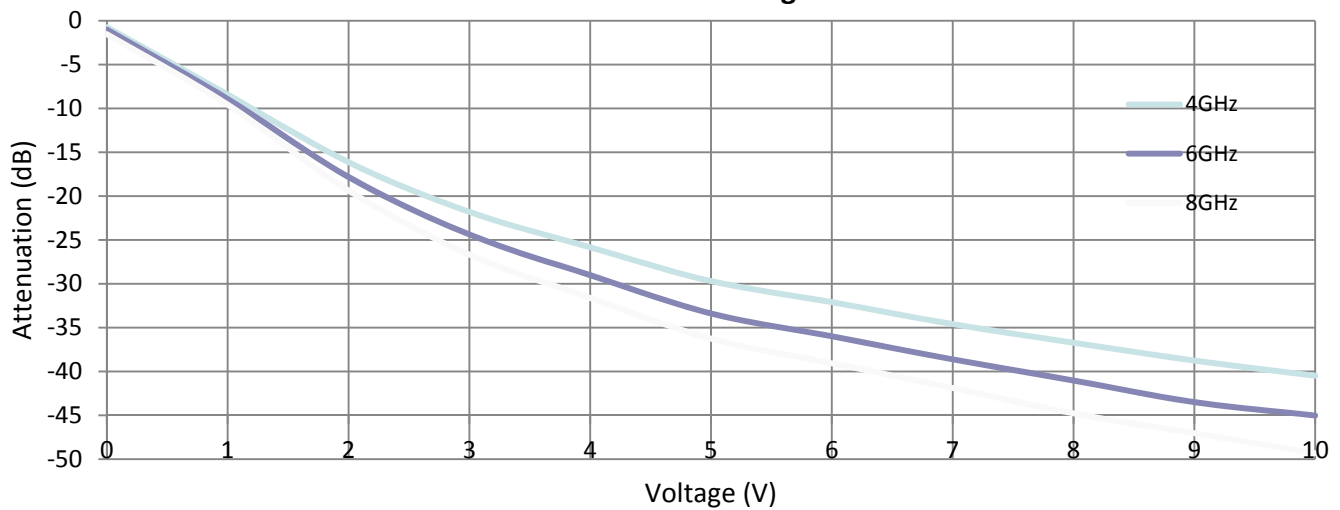
VSWR&Temperature



Attenuation(dB) & VCC



Attenuation vs. Voltage





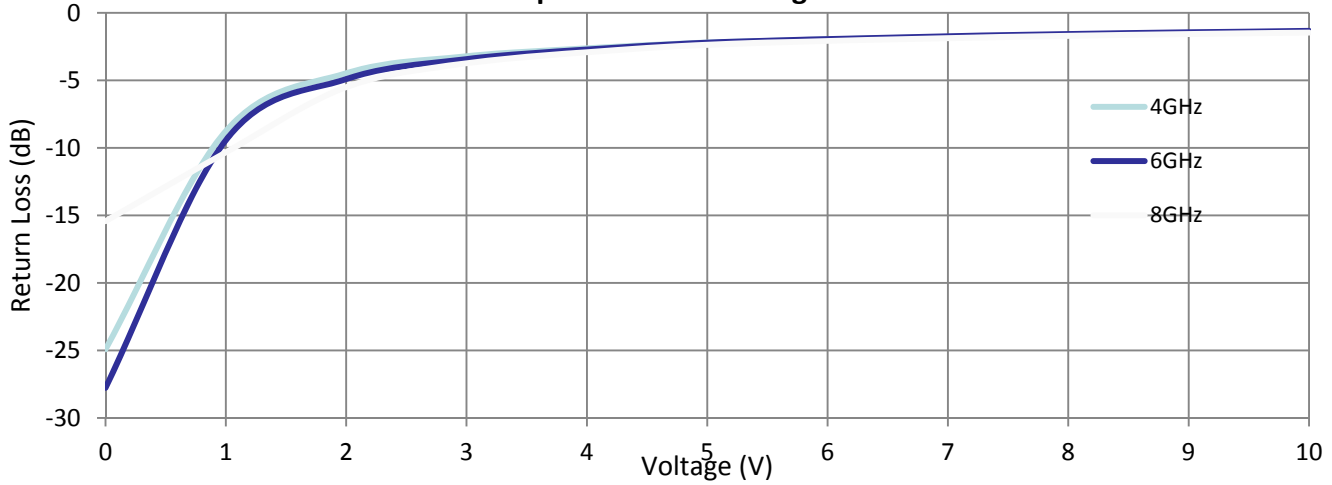
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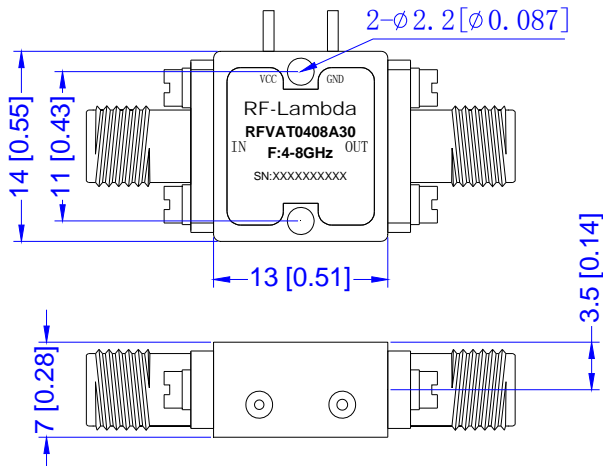
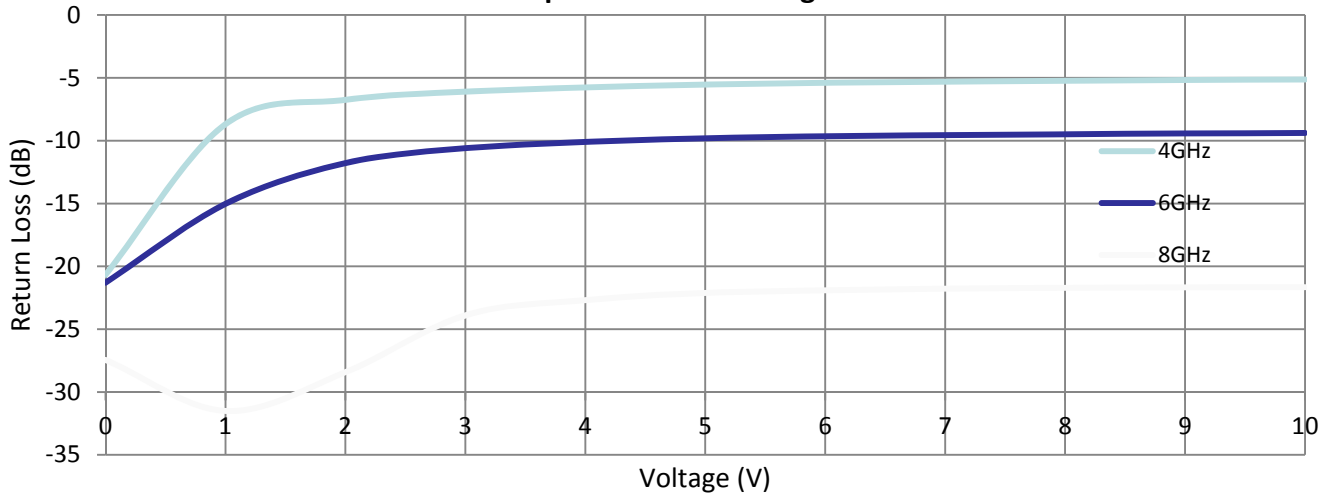
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Input VSWR Vs. Voltage



Output VSWR Vs. Voltage



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