



Voltage Control Attenuator 2-18GHz 30dB



Features

Wide Band Operation 2-18GHz
30dB Attenuation Range
DC-10V Biasing Adjustment Range
Low Supply Current 5mA 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
2-18	1.2dB (10GHz)	1.6	1.6	30	± 1	1W CW 5W Peak	DC-10V <10mA

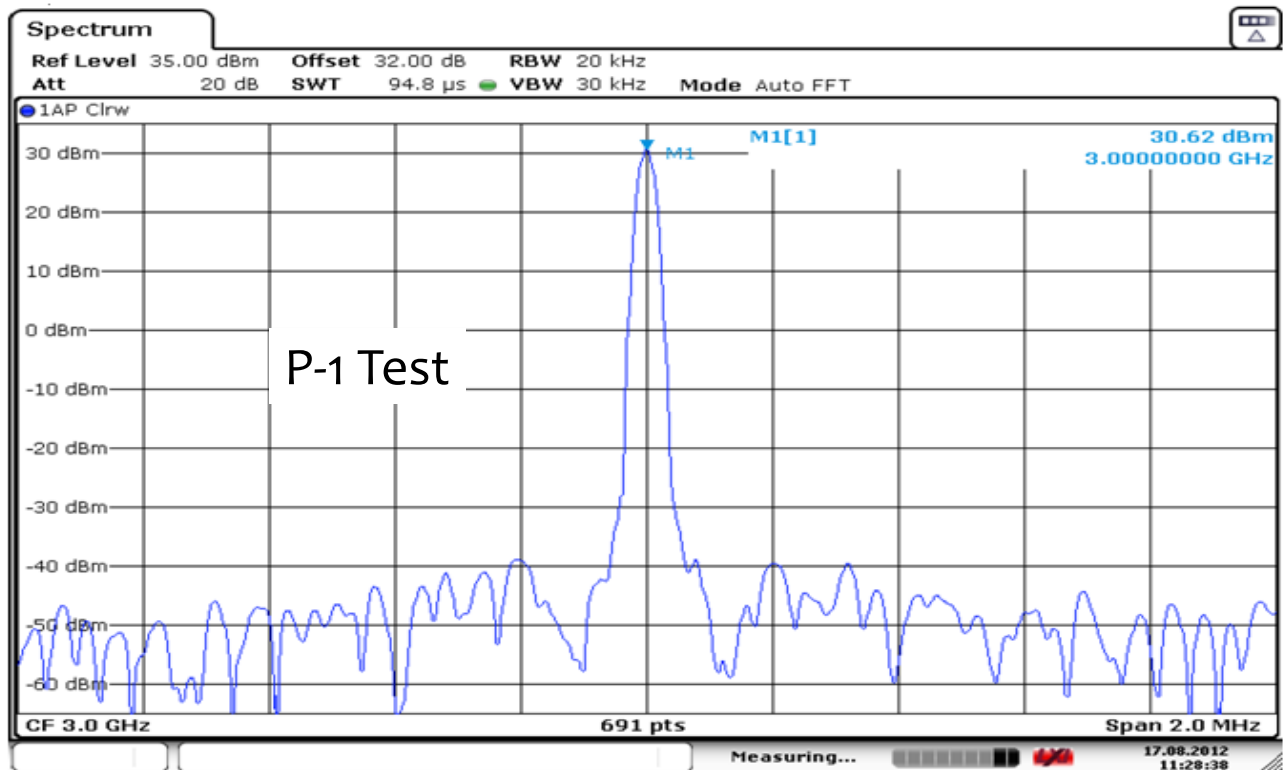
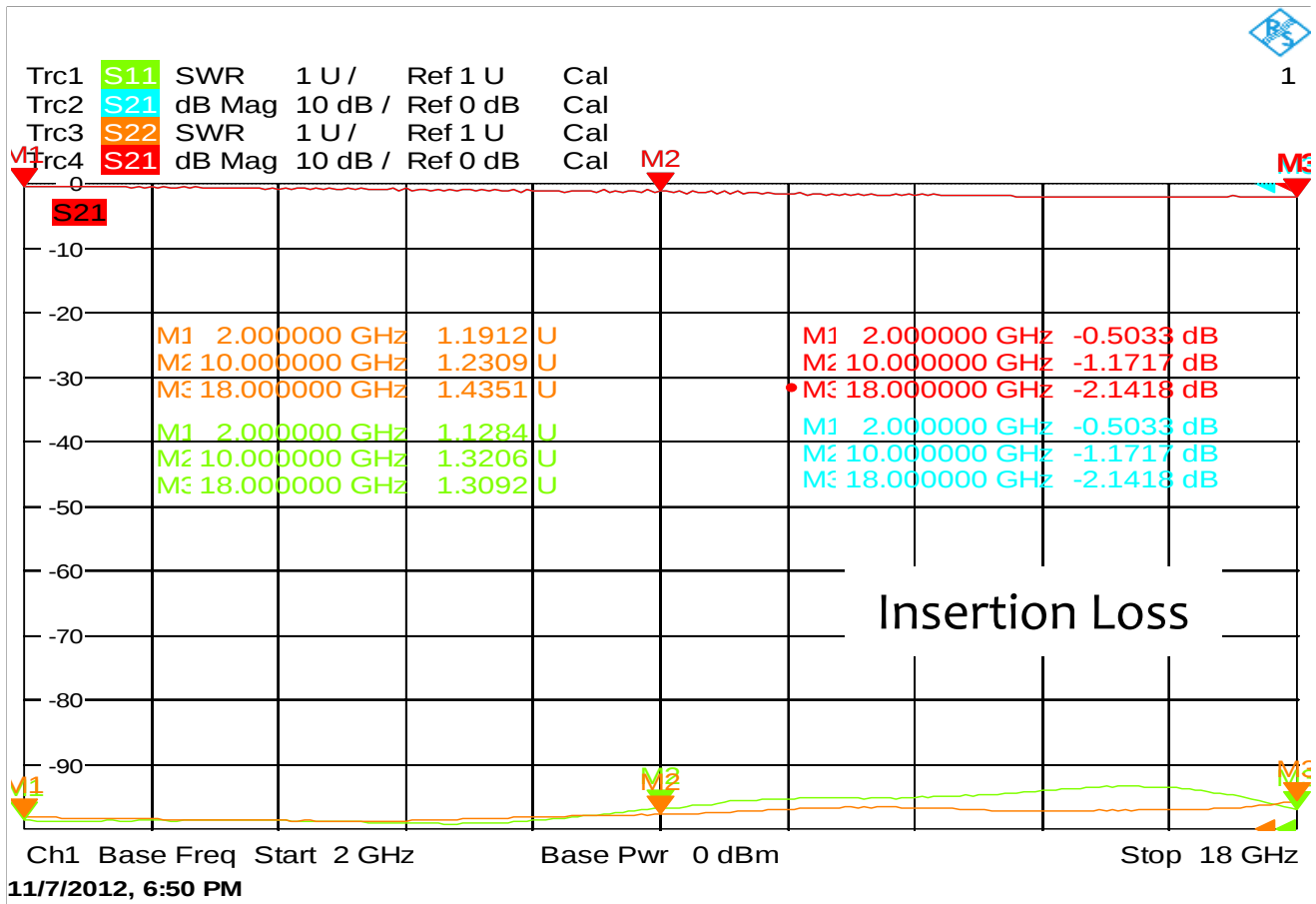
Absolute Maximum Ratings	
Control Voltage	15V
Input RF power	33dBm
Storage Temperature (C°)	-50 ~ +125

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.

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

Ordering Information		
Part No	ECCN	Description
RFVAT0218A30	EAR99	2-18GHz Voltage Control Attenuator



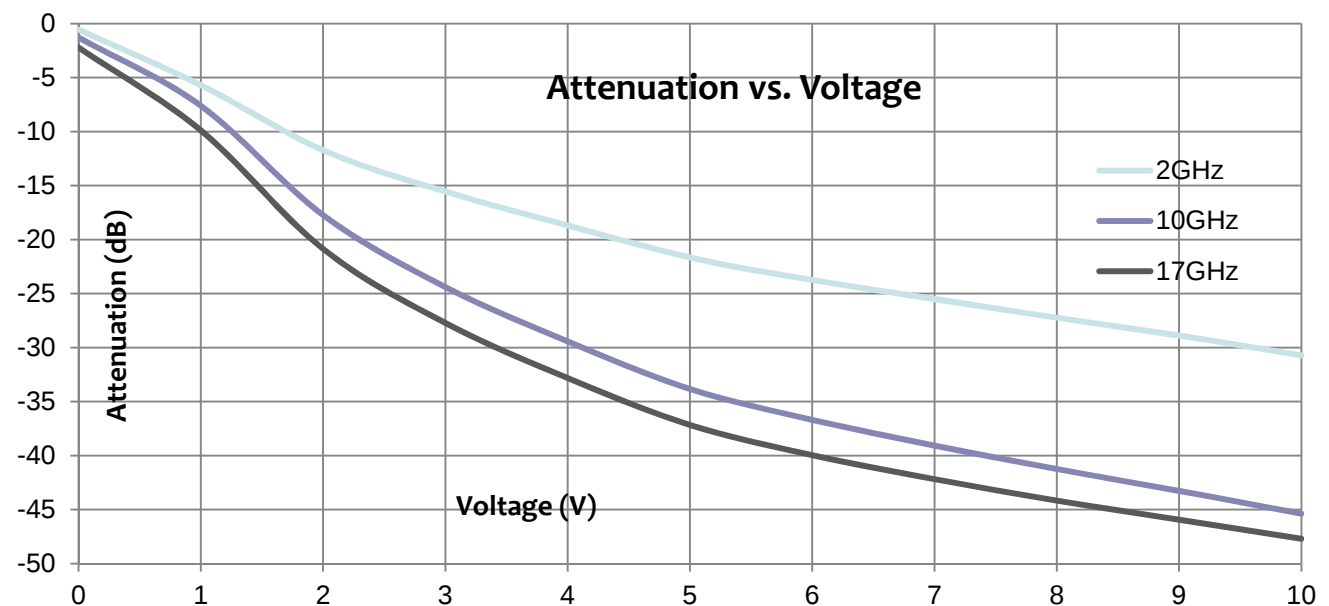
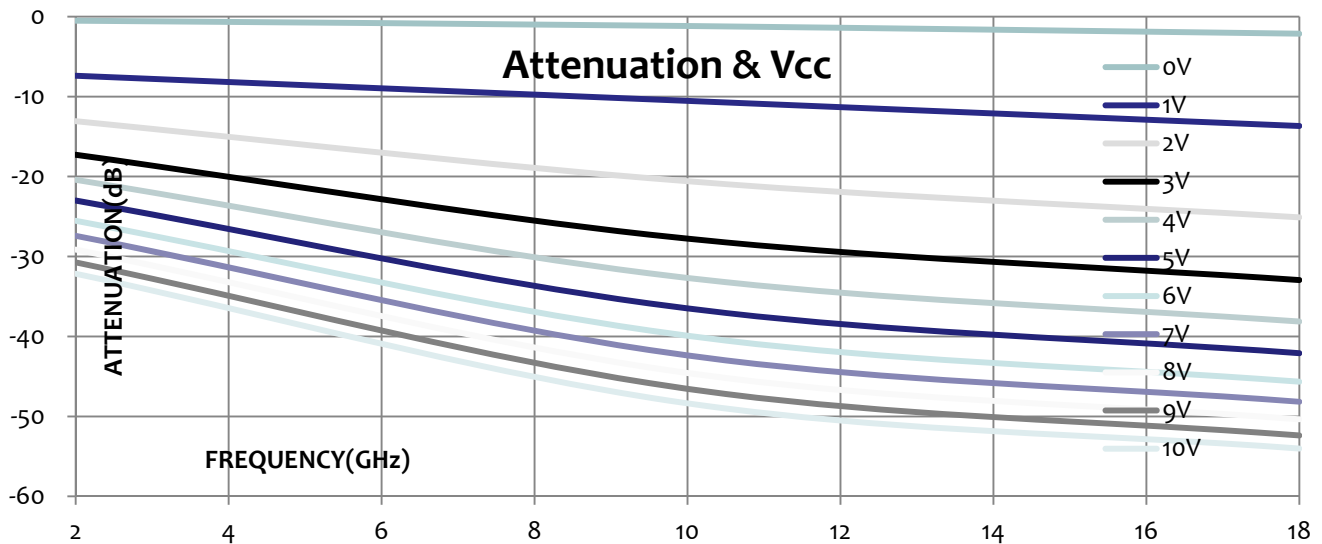
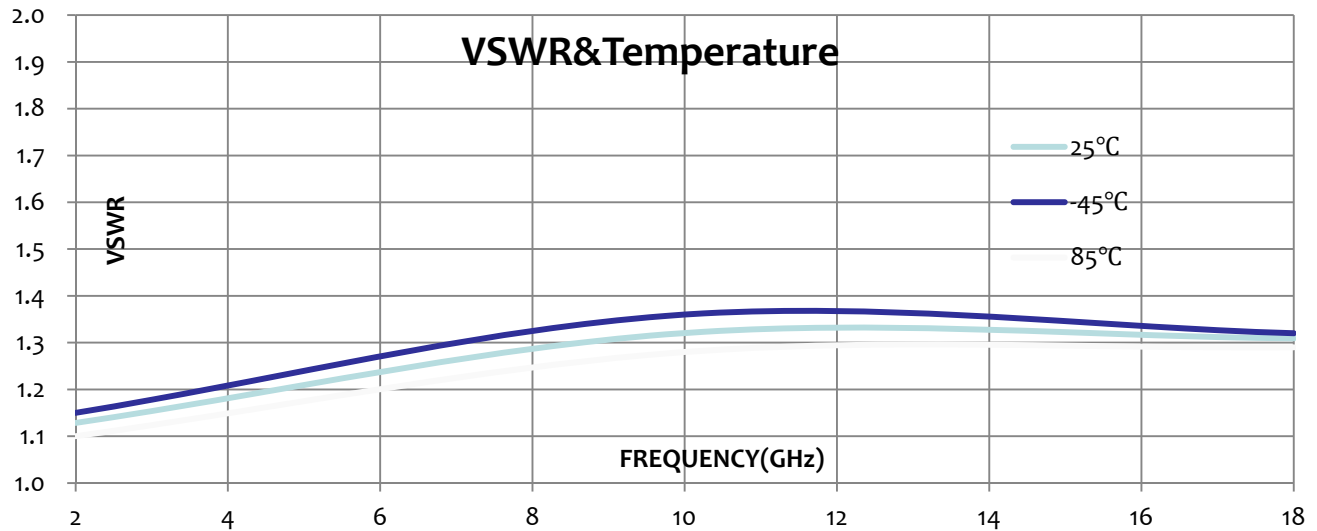


RF-LAMBDA

The power beyond expectations

RFVAT0218A30

Absorptive Voltage Control Attenuator 30dB 2-18GHz



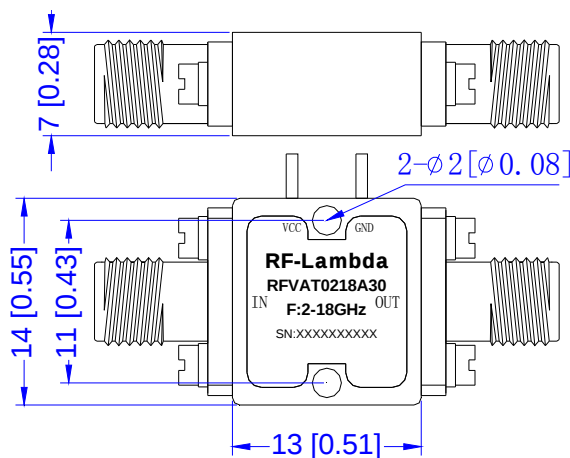
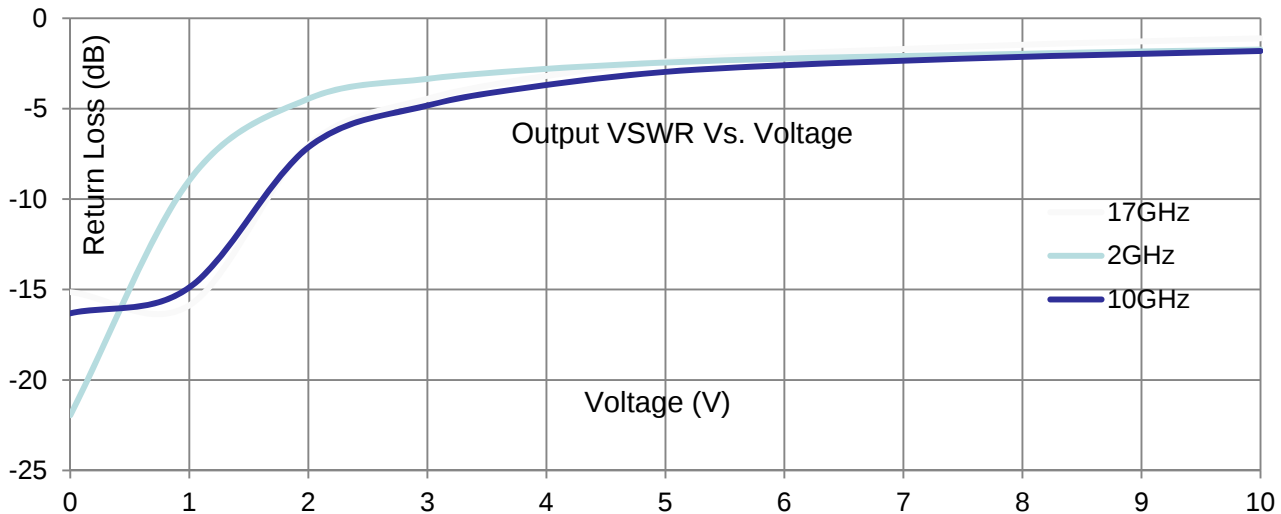
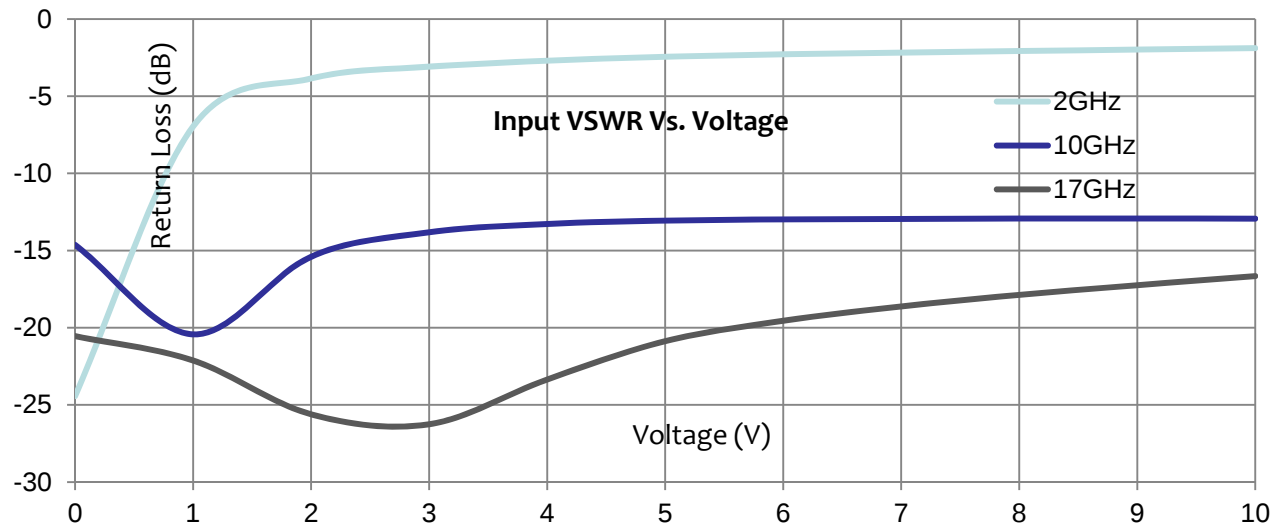


RF-LAMBDA

The power beyond expectations

RFVAT0218A30

Absorptive Voltage Control Attenuator 30dB 2-18GHz



Important Notice

The information contained herein is believed to be reliable. RF-Lambda makes no warranties regarding the information contained herein. RF-Lambda assumes no responsibility or liability whatsoever for any of the information contained herein. RF-Lambda assumes no responsibility or liability whatsoever for the use of the information contained herein. The information contained herein is provided "AS IS, WHERE IS" and with all faults, and the entire risk associated with such information is entirely with the user. All information contained herein is subject to change without notice. Customers should obtain and verify the latest relevant information before placing orders for RF-Lambda products. The information contained herein or any use of such information does not grant, explicitly or implicitly, to any party any patent rights, licenses, or any other intellectual property rights, whether with regard to such information itself or anything described by such information.

RF-Lambda products are not warranted or authorized for use as critical components in medical, life-saving, or life sustaining applications, or other applications where a failure would reasonably be expected to cause severe personal injury or death.



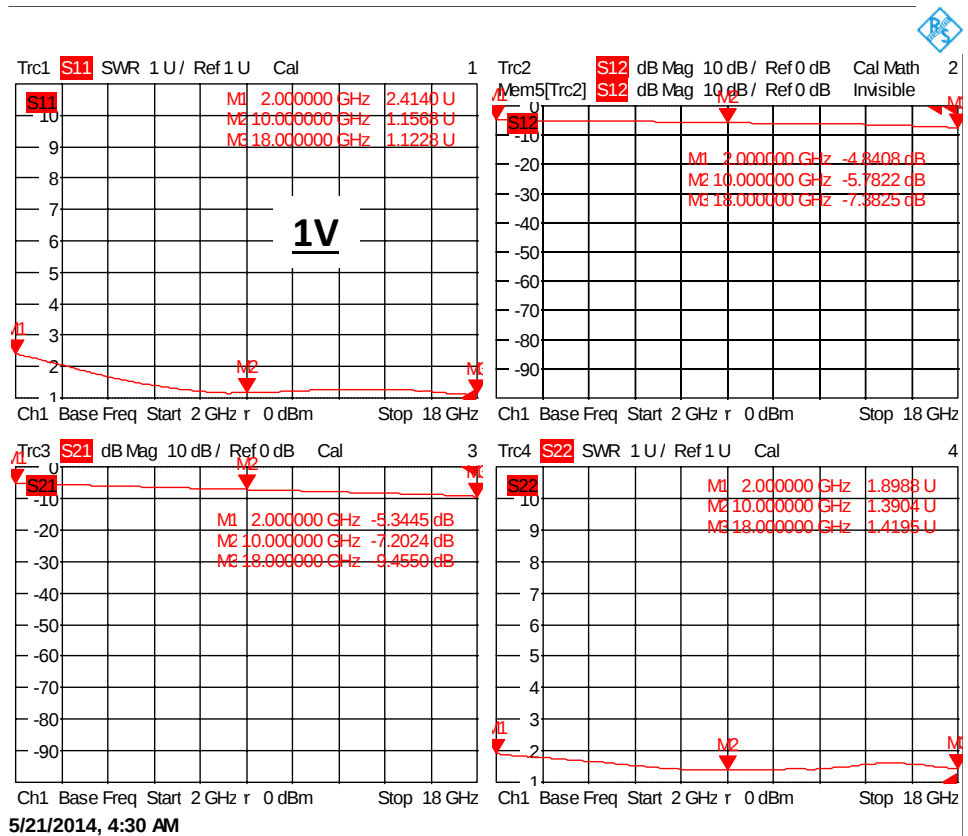
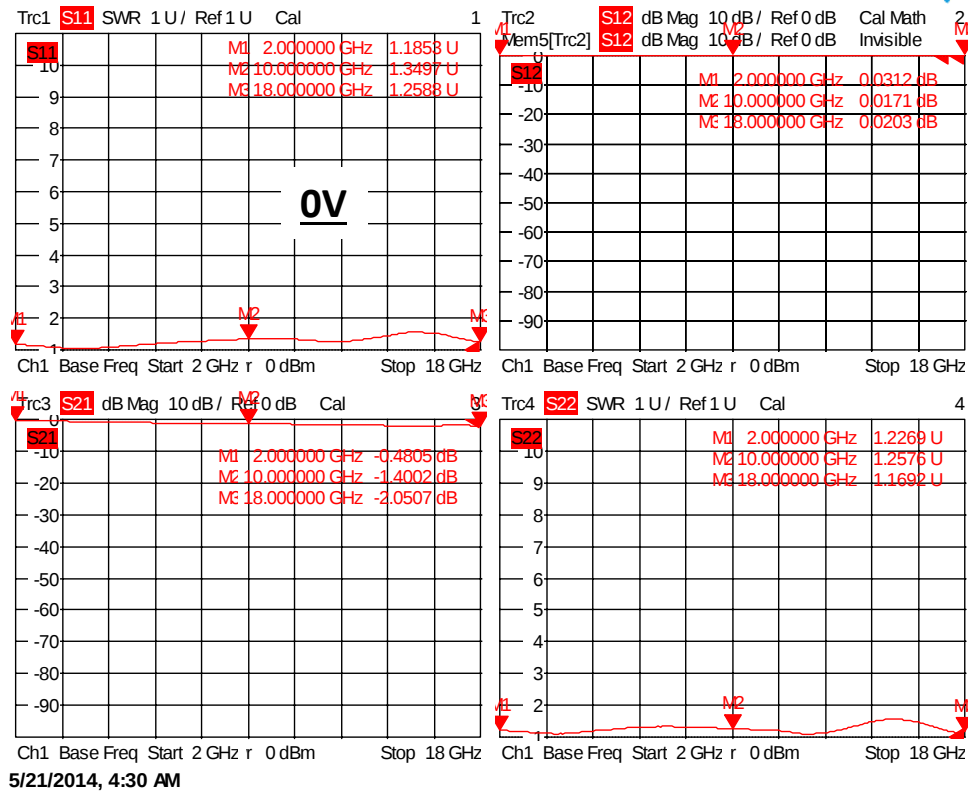


RF-LAMBDA

The power beyond expectations

RFVAT0218A30

Absorptive Voltage Control Attenuator 30dB 2-18GHz



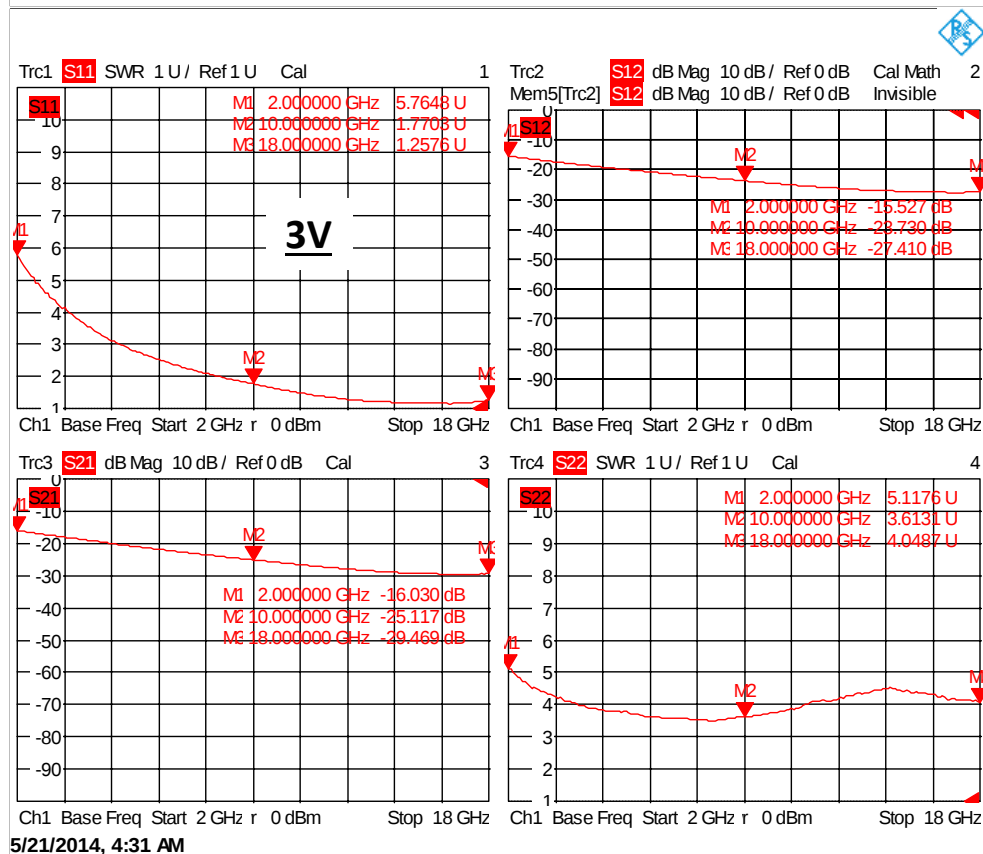
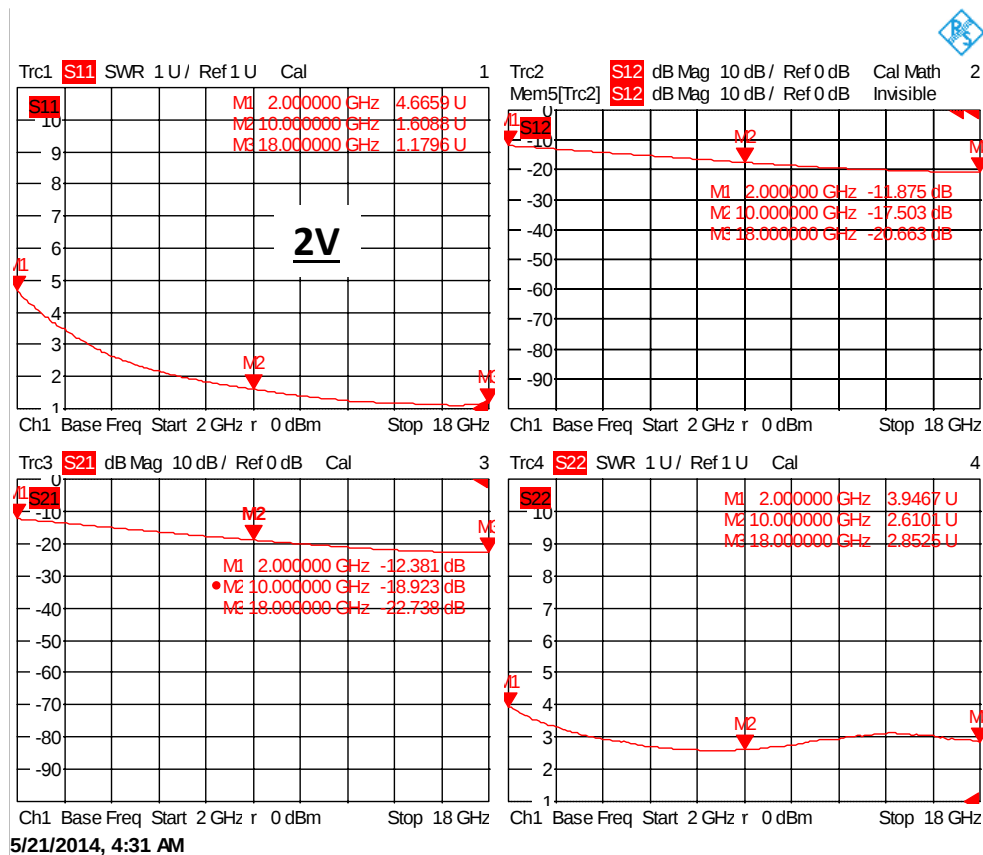


RF-LAMBDA

The power beyond expectations

RFVAT0218A30

Absorptive Voltage Control Attenuator 30dB 2-18GHz



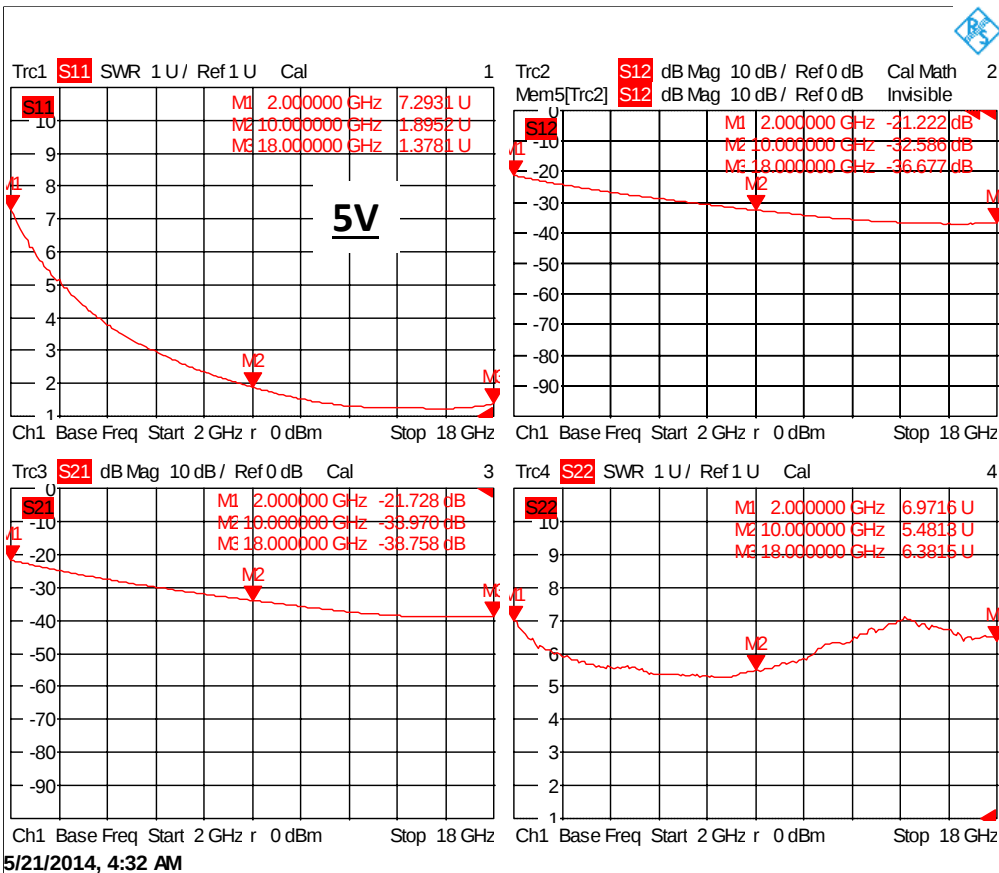
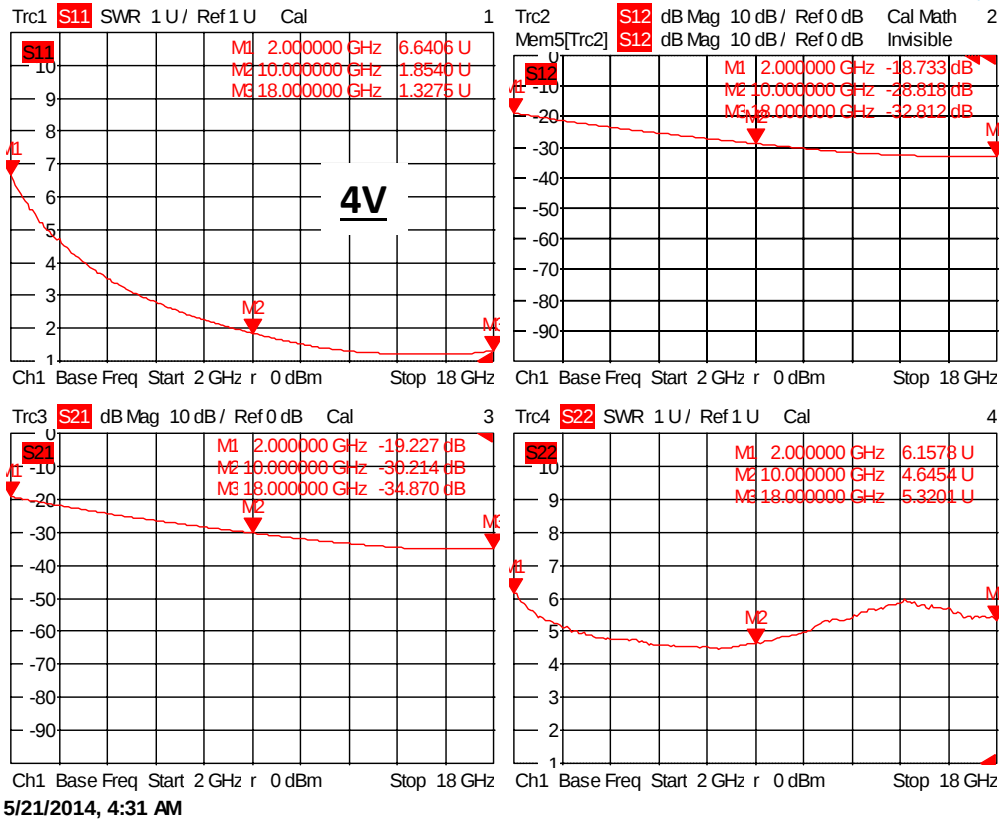


RF-LAMBDA

The power beyond expectations

RFVAT0218A30

Absorptive Voltage Control Attenuator 30dB 2-18GHz



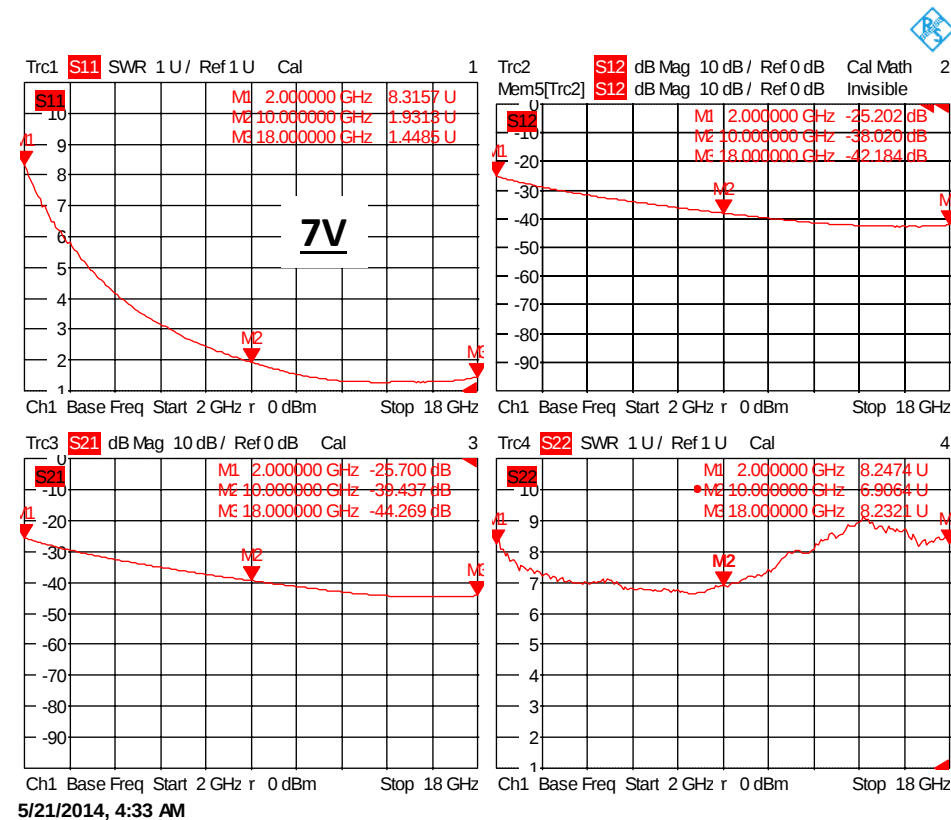
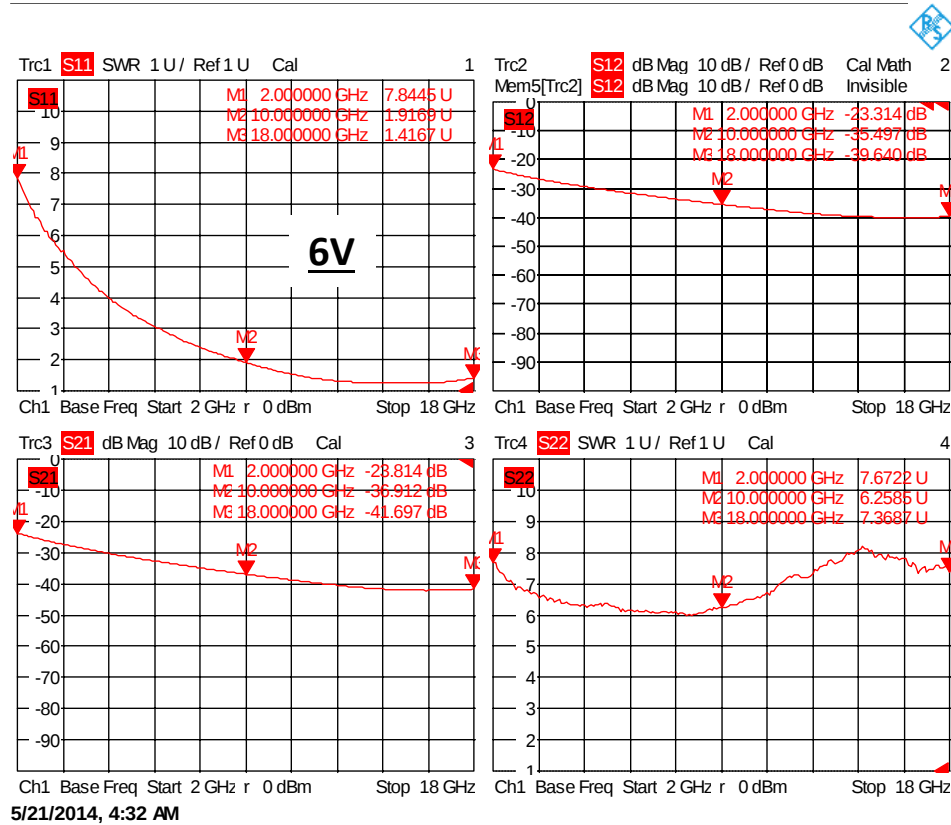


RF-LAMBDA

The power beyond expectations

RFVAT0218A30

Absorptive Voltage Control Attenuator 30dB 2-18GHz





RF-LAMBDA

The power beyond expectations

RFVAT0218A30

Absorptive Voltage Control Attenuator 30dB 2-18GHz

