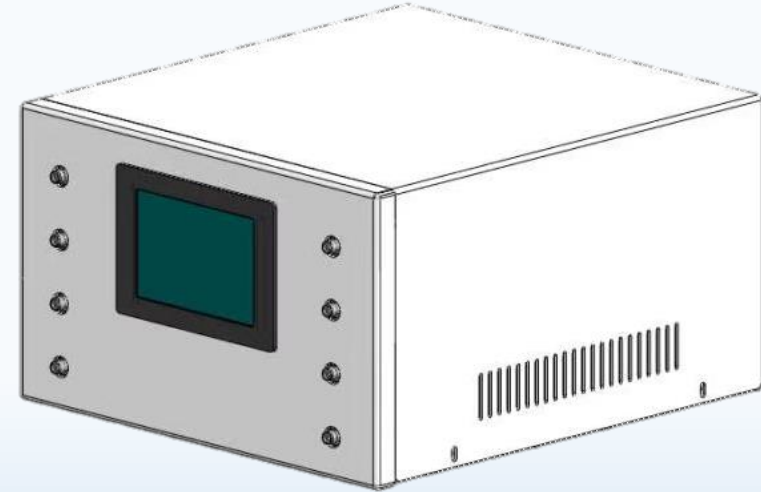


Features

- Low insertion loss and high accuracy
- Wide band : 1-8GHz
- Wide attenuation range 130dB(Max.)
- Multiple channels
- Remote(IEEE-488 or RS232) and manual control



RF-ATT-0002x is a cost-effective programmable attenuator with single or multiple channels. It is designed for both research labs and production lines; with the 8GHz upmost frequency, it supports the performance test of WiFi 6E devices. Engineers can adjust the attenuator manually through the touch panel, or they can send string commands remotely through either serial port (RS-232) or GPIB port (IEEE-488).

Programmable Attenuator

P/N: RF-ATT-0002x

Specification

Parameters	Description
Frequency Range	1GHz to 8GHz
Channels	1 Ch(P/N: RF-ATT-00023) 4 Ch(P/N: RF-ATT-00028)
Attenuation Range	130dB Max.
Insertion Loss	1GHz to 4GHz: 6 dB Max. 4GHz to 6GHz: 8 dB Max. 6GHz to 8GHz: 10 dB Max.
Attenuation Accuracy	< 80 dB \pm 1dB <100 dB \pm 2dB <130 dB \pm 5dB
Step Size	1dB

Programmable Attenuator

P/N: RF-ATT-0002x

Specification

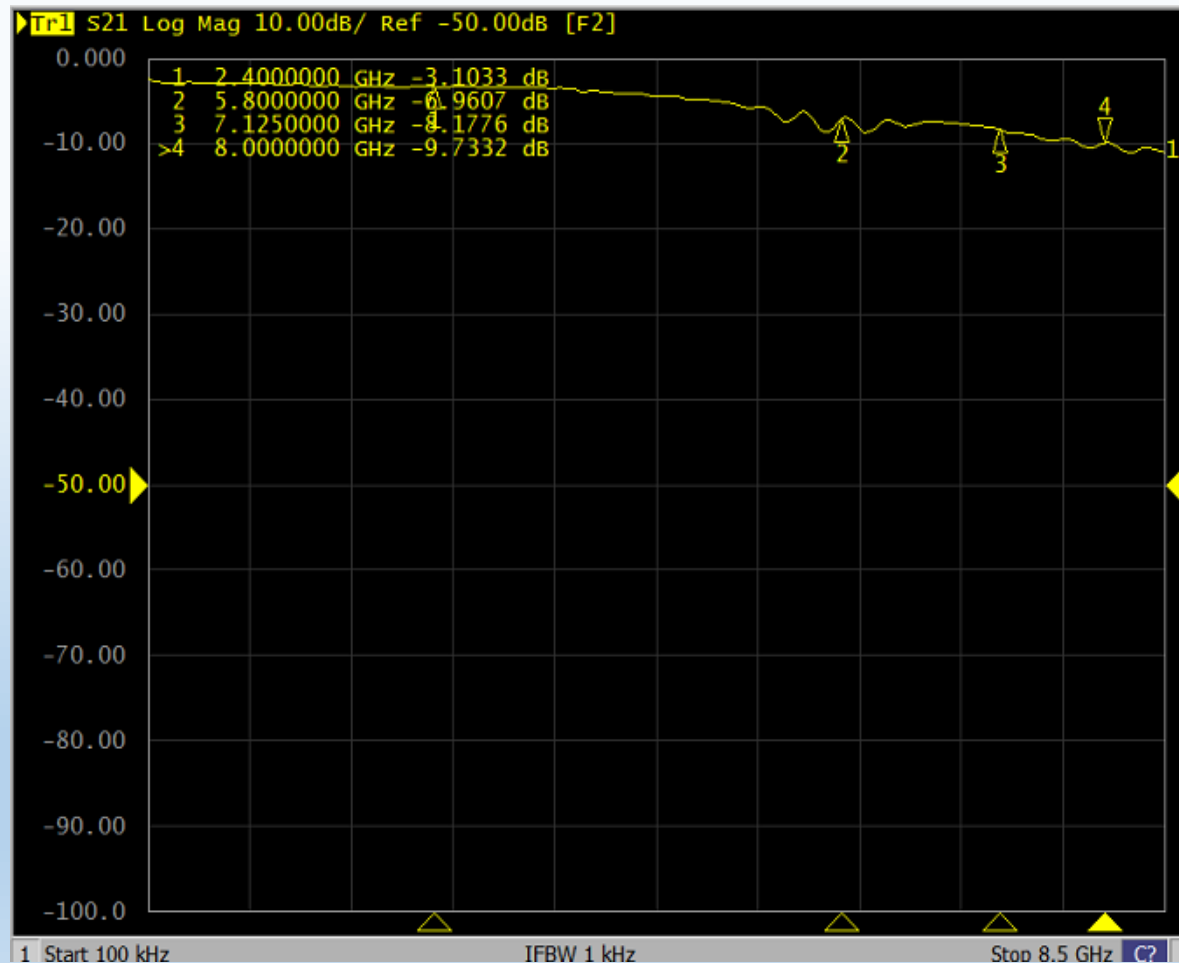
Parameters	Description
Input / Output VSWR	All Other Settings: 2.0:1 Max.
Impedance	50 Ω
Input Power level	+25 dBm Max.
Operating Mode	Remote and Manual Control
Remote mode	RS232 or GPIB
RF Connectors	SMA-Female
Power Input	1A/115VAC 0.7A/230VAC
Dimensions	1 Channel 260 x 240 x 95mm(L x W x H) 4 Channel 260 x 240 x 150mm(L x W x H)
Weight	~3Kg(1-Channel) / ~5Kg(4-Channel)

Programmable Attenuator

P/N: RF-ATT-0002x

Performance Plots

Insertion Loss @ 25°C

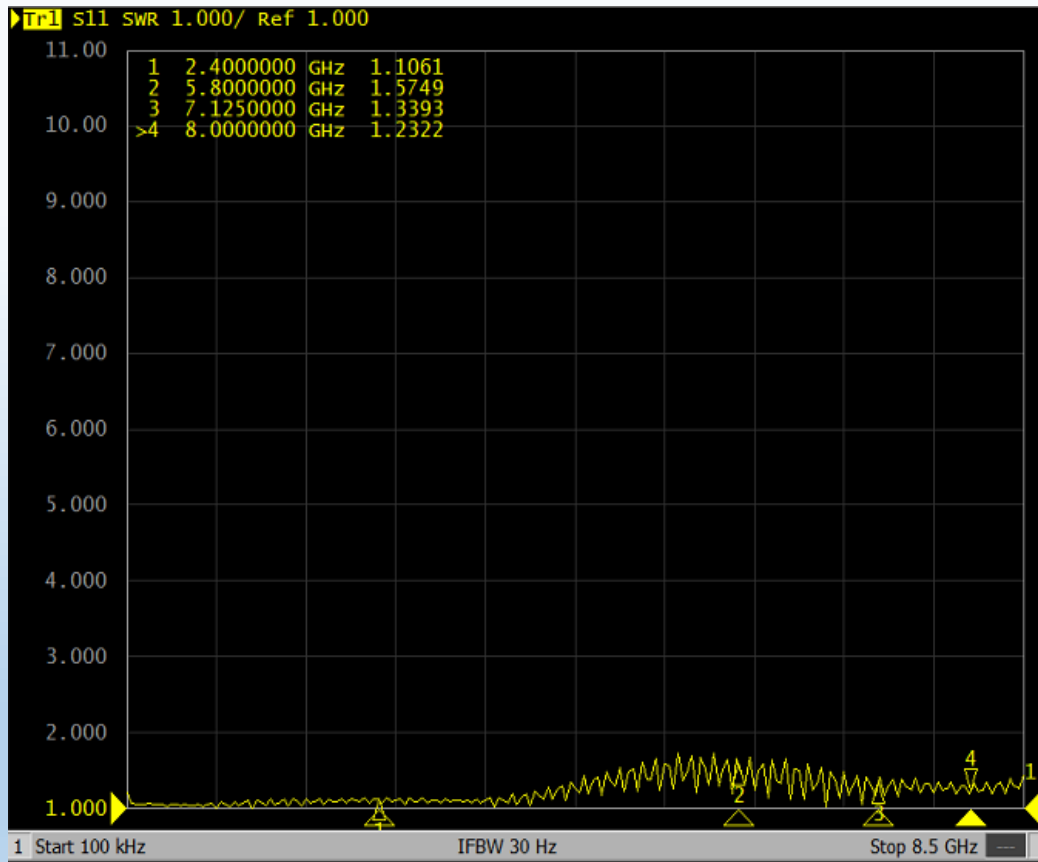


Programmable Attenuator

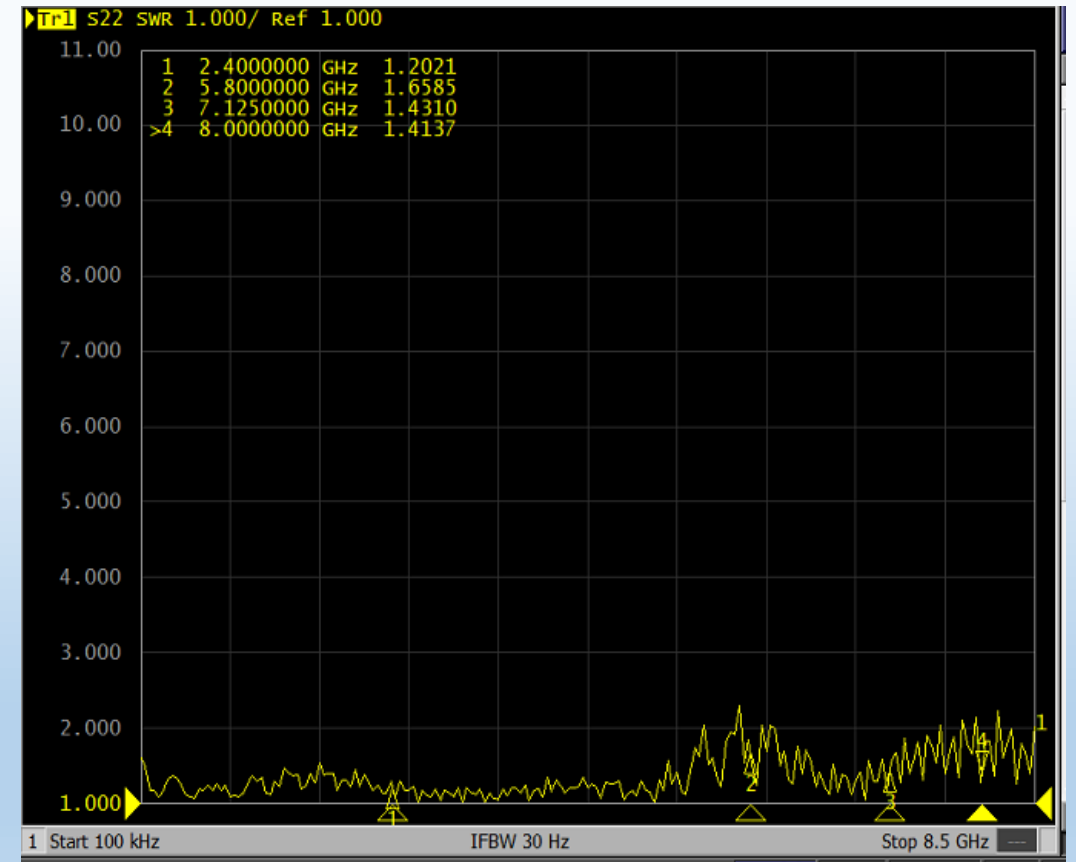
P/N: RF-ATT-0002x

Performance Plots

Input SWR



Output SWR

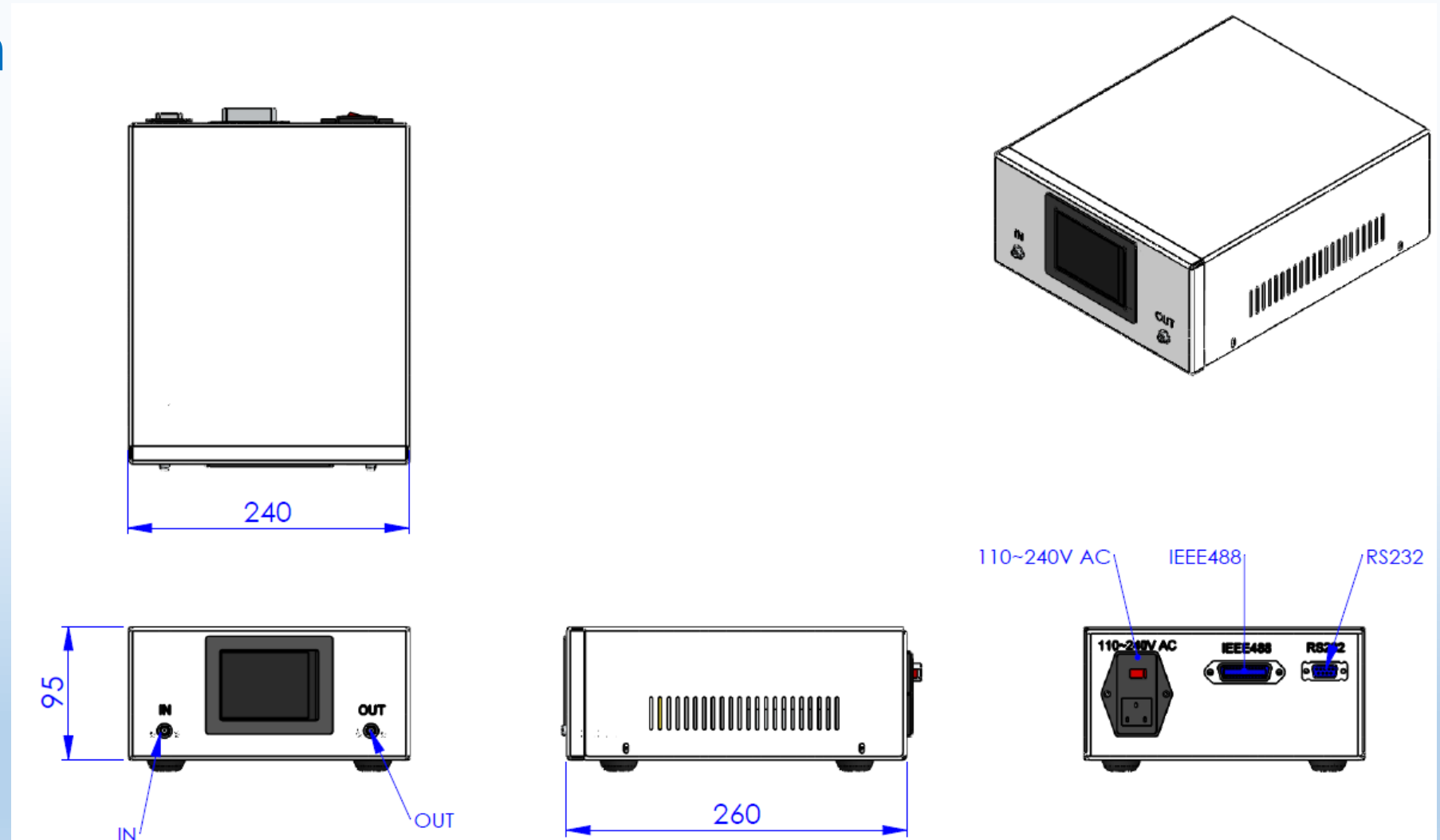


Programmable Attenuator

P/N: RF-ATT-0002x

Dimension

1 Channel



VICOMM

Programmable Attenuator

P/N: RF-ATT-0002x

Dimension

4 Channel

