

Product features

--

Main specifications

Parameters	Min	Typical	Max	Units
Frequency	2	~	4	GHz
Attenuation range	0	~	30	dB
IL			2.5	dB
VSWR			1.8	
Attenuation accuracy			±1	dB
Attenuation flatness			±0.3	dB

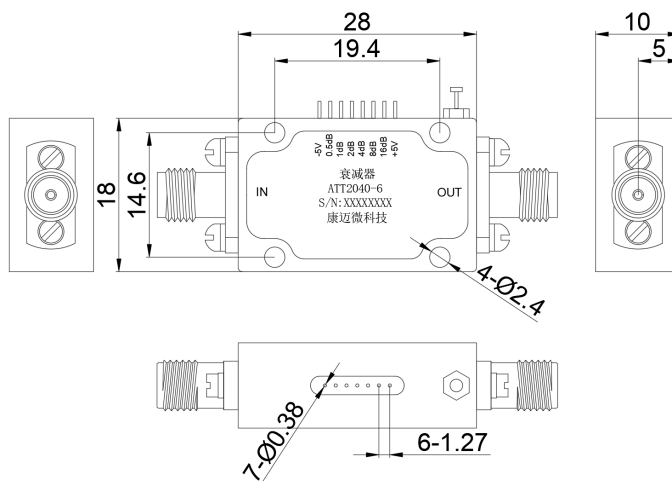
Other parameters

step	0.5dB
衰减位数	6 bits
Switching time	150ns
Power Capacity	27dBm设计保证
Impedance	50Ω
Connector	SMA-F
Surface	Grey
Working voltage	±5V
Working current	±50mA
Operation Temp.	-40~+70°C Design assurance
Storage Temp.	-55~+85°C Design assurance
Quality Grade	Industrial grade

Reference picture



Configuration(mm)



控制电压:

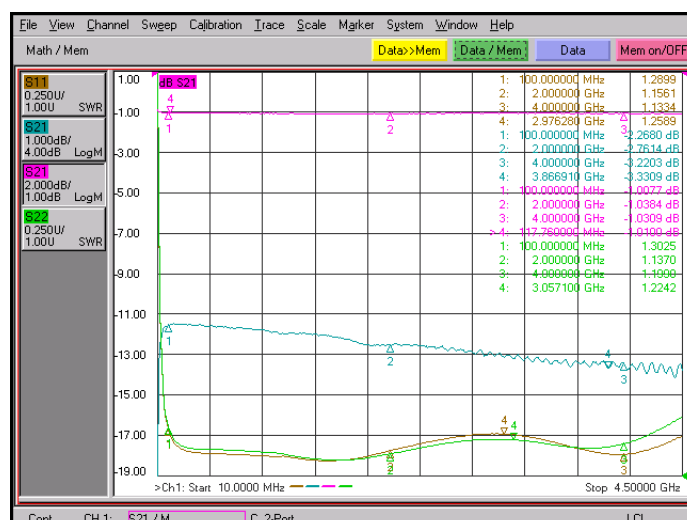
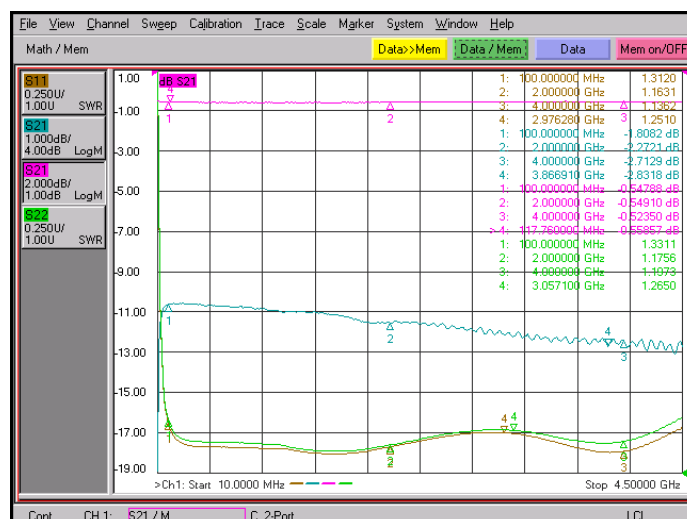
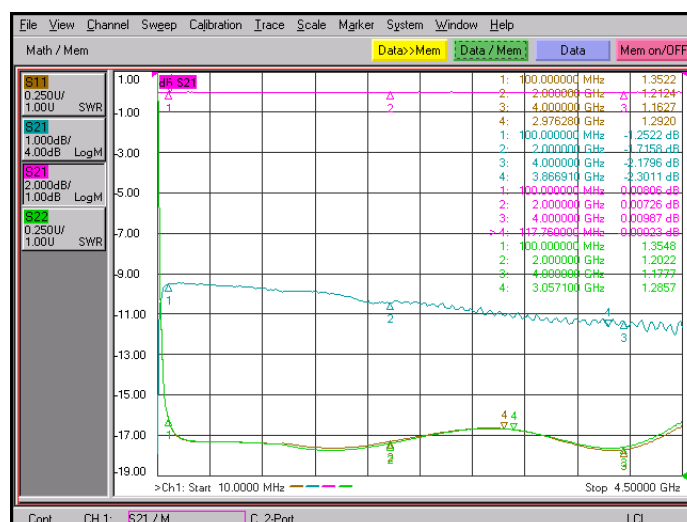
表 1 控制电压

状态	偏置条件
低电平	0 至 0.4V@1 μA
高电平	3.3 至 5V@1 μA

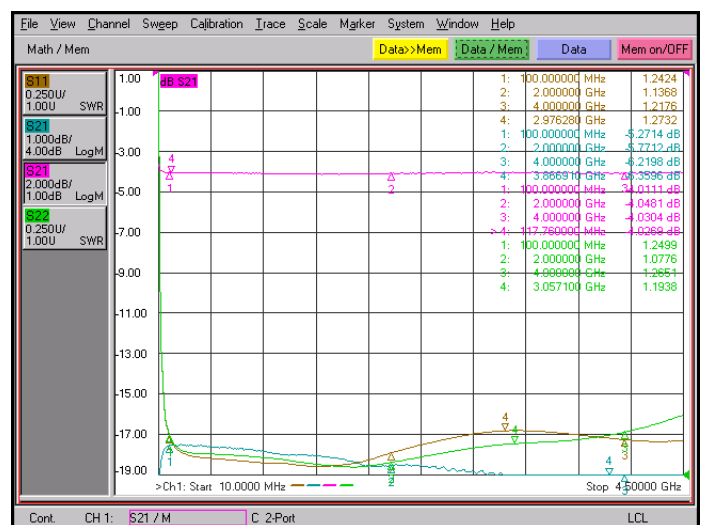
表 2 真值表

控制电压输入						衰减状态 输入-输出
0.5 0.5dB	1 1dB	2 2dB	4 4dB	8 8dB	16 16dB	
高电平	高电平	高电平	高电平	高电平	高电平	参考电流 I.L
低电平	高电平	高电平	高电平	高电平	高电平	0.5dB
高电平	低电平	高电平	高电平	高电平	高电平	1dB
高电平	高电平	低电平	高电平	高电平	高电平	2dB
高电平	高电平	高电平	低电平	高电平	高电平	4dB
高电平	高电平	高电平	高电平	低电平	高电平	8dB
高电平	高电平	高电平	高电平	高电平	低电平	16dB

Note: The specifications and performance data contained in this data sheet are based on tests established by CMW.

Typical test curve

Note: The specifications and performance data contained in this data sheet are based on tests established by CMW.



Note: The specifications and performance data contained in this data sheet are based on tests established by CMW.



Note

1. Clean the surface of the product, do not soak the product in cleaning solution for cleaning;
2. Pay attention to anti-static during installation or storage;
3. If the overall temperature is greater than 125 °C, please consult with us before placing an order.