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## HP 70600A/70601A Preselector

### RF INPUT

Frequency Range	
Bypass Path .....	0 to 22.0/26.5 GHz
Low-Pass Filter Path .....	0 to 2.9 GHz
YIG-Tuned Filter Path .....	2.7 to 22.0/26.5 GHz
Maximum Input Power	
ac (continuous) .....	30 dBm
ac (peak) .....	100 W (1 $\mu$ s)
dc .....	0 V

Actual safe input power is limited by system's RF Section input mixer. Maximum safe input power is 15 dBm in bypass mode with 0 dB attenuation.

### RF OUTPUT

Frequency .....	0 to 26.5 GHz
Insertion Loss	
Bypass Mode .....	$\leq 8$ dB
Filtered mode (with preselector peaked in YTF bands) .....	$\leq 22$ dB
Impedance .....	50 $\Omega$ ( <i>nominal</i> )

### TUNE SPAN INPUT

Sensitivity .....	1.5 V/GHz
Impedance .....	1 M $\Omega$ ( <i>nominal</i> )