



SSS BAND PASS FILTER 1.764-1.786GHz



Summary:

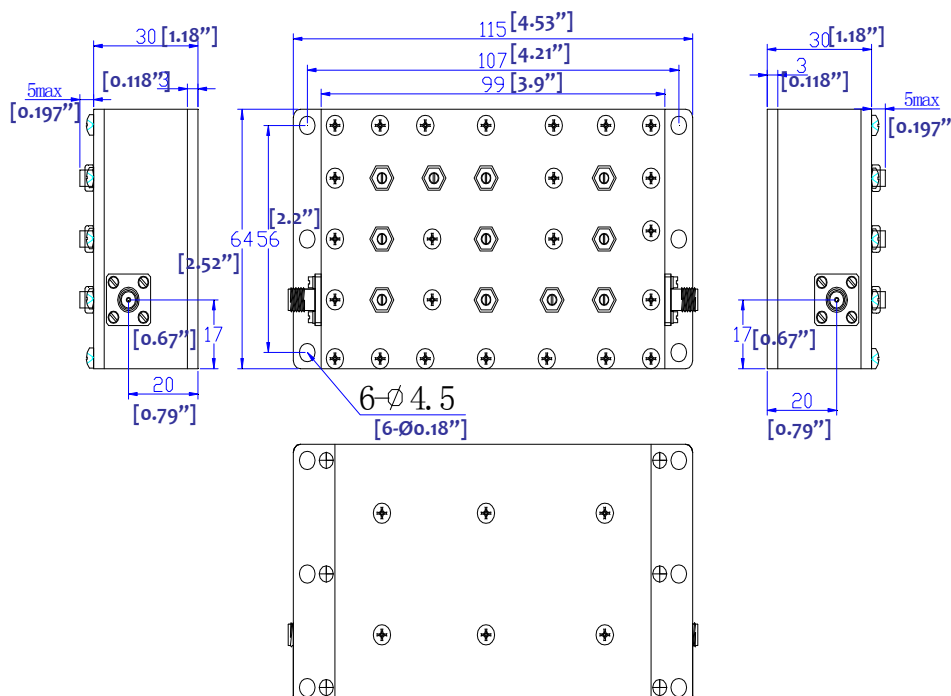
- SSS Filter - Suspended Substrate Stripline Filter
- Flat frequency response and low insertion loss..
 - Covers the 1 GHz to 18 GHz Frequency Range
- Wide bandwidth and 3 dB BW Available from 5-50% (f_0)
- Designs that Cover up to 40 GHz Also Available
 - MIL-E-5400 standard

Pass Band (GHz)	Insertion Loss(dB)	Ripple(dB)	Return Loss(dB)	Rejection (dB)	Connector	Power (W)
1.764-1.786	1.0	0.5	20	40(@DC~1745MHz) 40@1805~3000MHz)	SMA-F	30

Environmental Specifications:

Operational Temp. Range: $-25^{\circ}\text{C} \sim +70^{\circ}\text{C}$

Storage Temp. Range: $-55^{\circ}\text{C} \sim +100^{\circ}\text{C}$



Band Pass Suspended Substrate Stripline Filter 1.764-1.786GHz

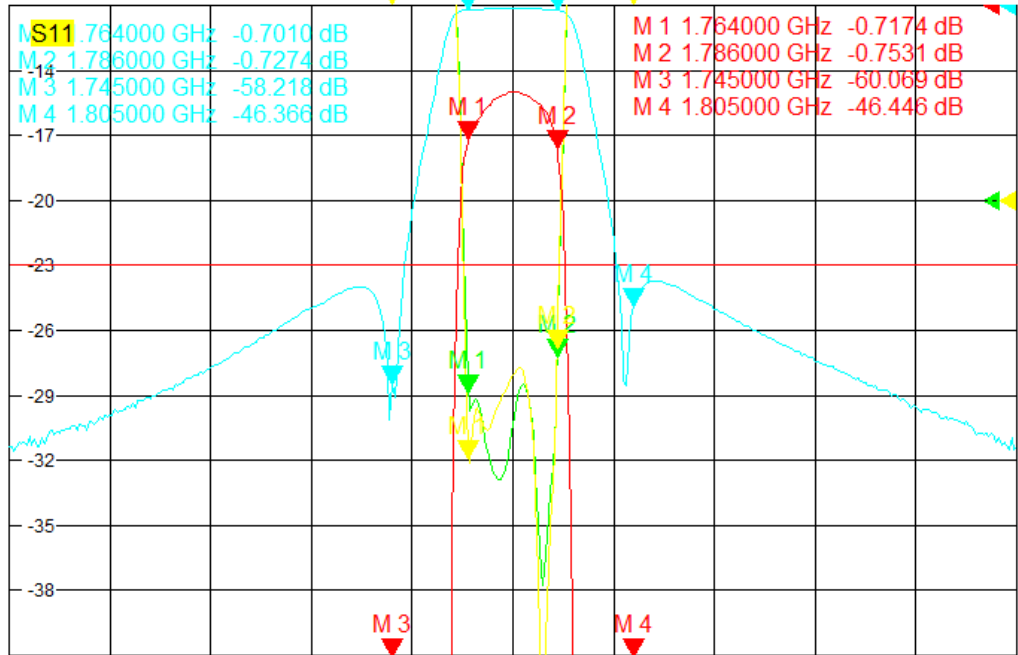


RF-LAMBDA

The power beyond expectations

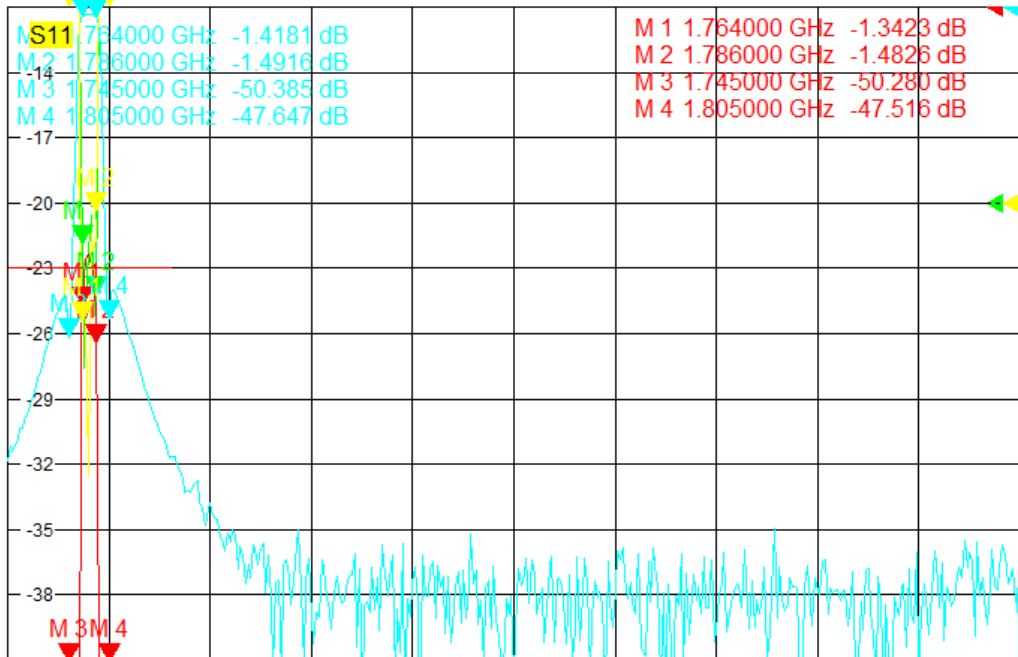
RBPF1775H

Trc1 **S11** dB Mag 3 dB / Ref -20 dB Cal 1
 Trc2 **S12** dB Mag 10 dB / Ref 0 dB Cal
 Trc3 **S21** dB Mag 0.25 dB / Ref -0.2 dB Cal
 Trc4 **S22** dB Mag 3 dB / Ref -20 dB Cal



Ch1 Start 1.65 GHz Pwr 0 dBm Stop 1.9 GHz

Trc1 **S11** dB Mag 3 dB / Ref -20 dB Cal Off 1
 Trc2 **S12** dB Mag 10 dB / Ref 0 dB Cal Off
 Trc3 **S21** dB Mag 0.25 dB / Ref -0.2 dB Cal Off
 Trc4 **S22** dB Mag 3 dB / Ref -20 dB Cal Off



Ch1 Start 1.65 GHz Pwr 0 dBm Stop 3.2 GHz

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