

Datasheet: Issue December 2015

BP1618-44 is a band pass filter for 1616-1626.5 MHz (Iridium band) with low insertion loss and very small ripple in bandwidth.

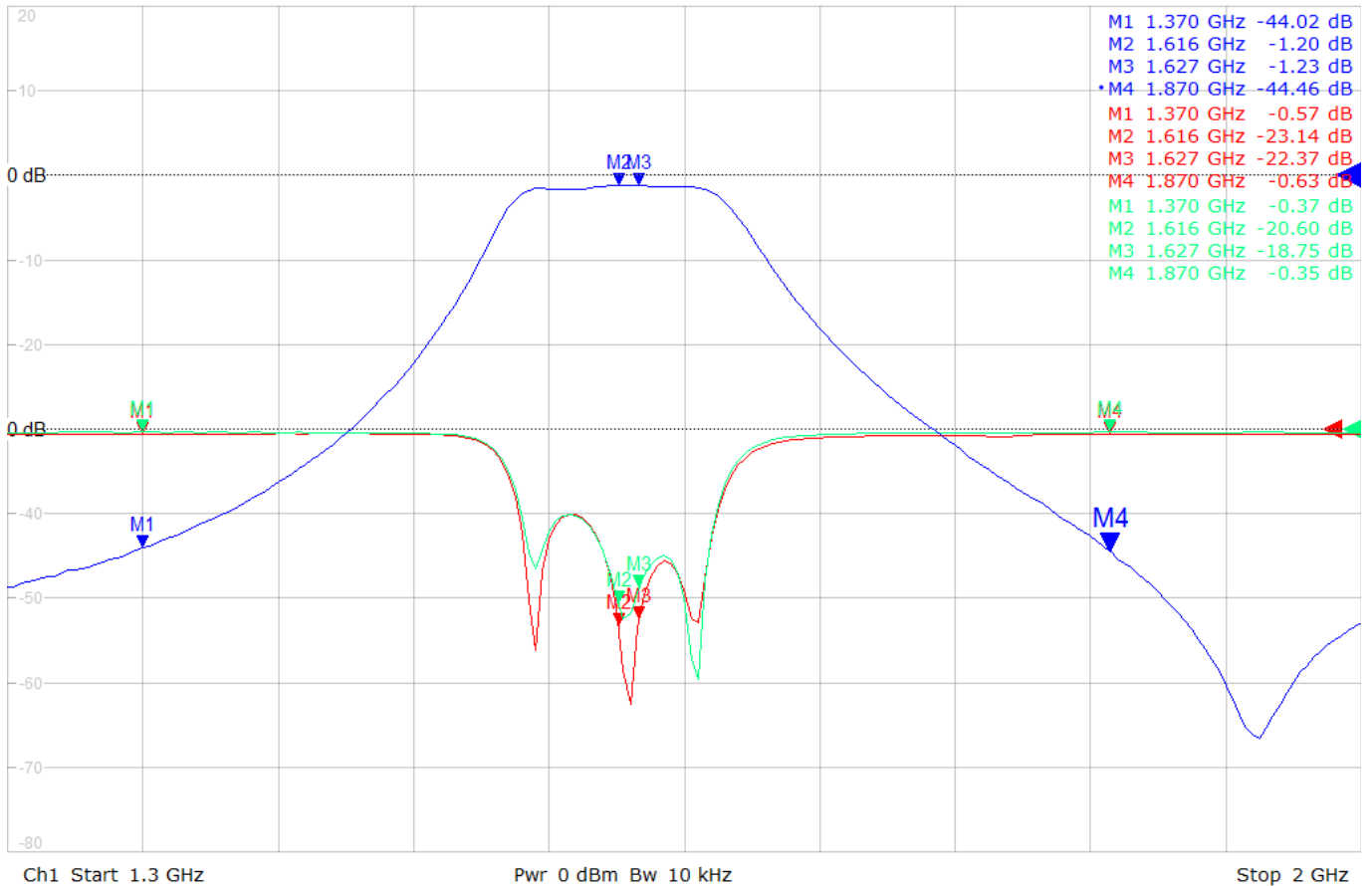


TECHNICAL SPECIFICATIONS

Parameter	Specification
Center frequency	1618.25 MHz
Frequency range	1616-1626.5 MHz (Iridium band)
Insertion loss in bandwidth	1.2 dB
Ripple in bandwidth	0.2 dB
Return loss in bandwidth	>18 dB
Attenuation	@1370 MHz @1870 MHz
Absolute maximum input power	3 W (CW), peak 7 W
Input/output impedance	50Ω/50Ω
Input/output RF connectors	N female/N female
Enclosure type and dimensions	Aluminum housing, solid 40x54x22 mm

Trc1 — S21 dB Mag 10 dB/ Ref 0 dB Cal int Trc2 — S11 dB Mag 10 dB/ Ref 0 dB Cal int
 Trc3 — S22 dB Mag 10 dB/ Ref 0 dB Cal int

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Example of BP1618-44's matching and transfer function.

Rantelon reserves the right to change the specification without notice.