

Model No.: FF1575M42-KP72
 1575.42 MHz SAW Filter for GPS

Rev. No.: Preliminary

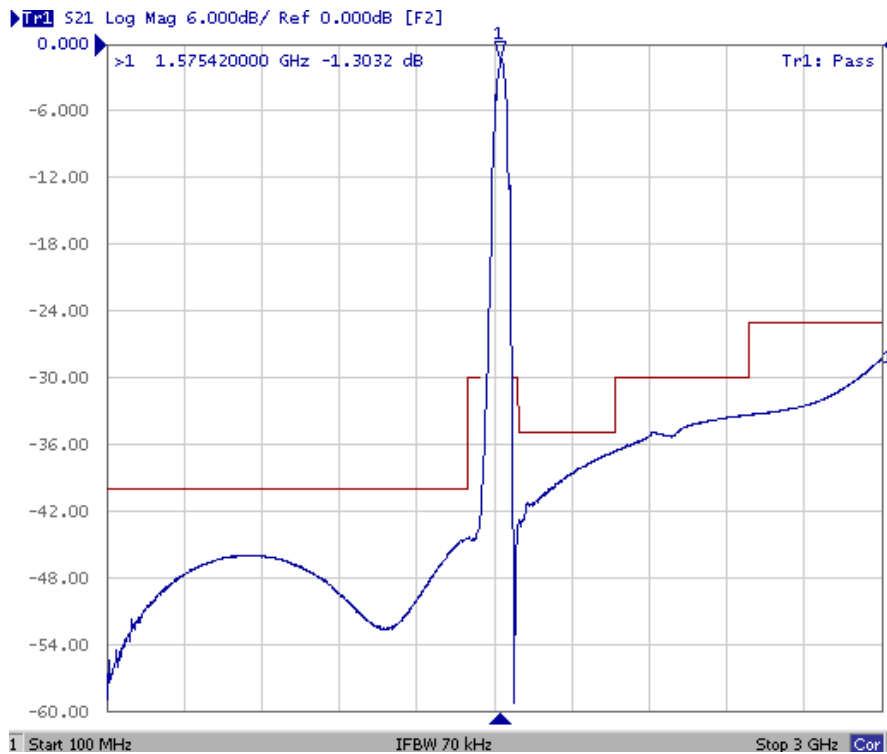
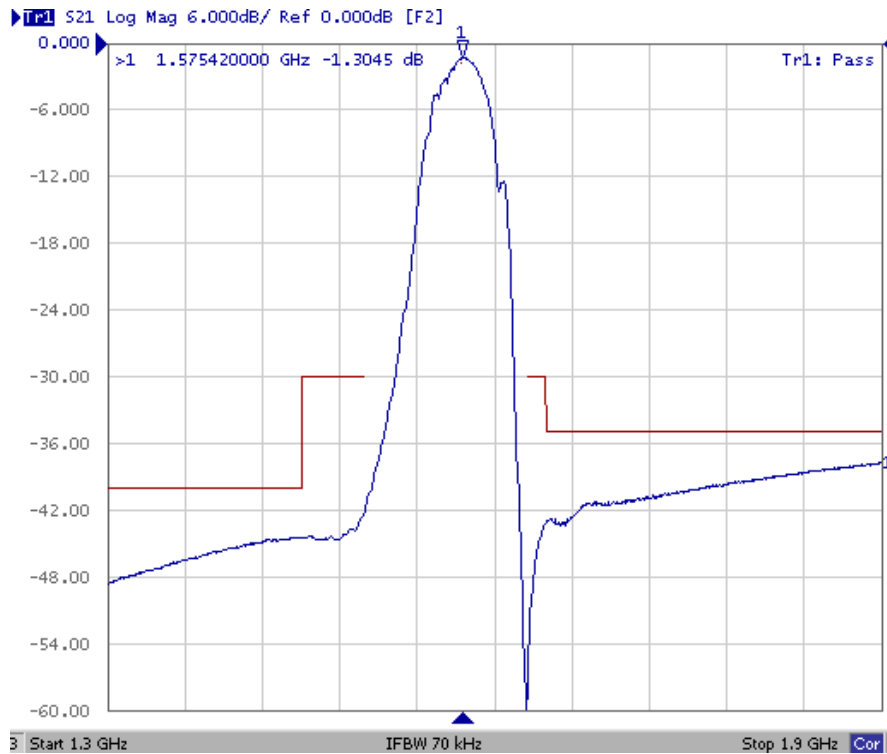
A. Maximum ratings:

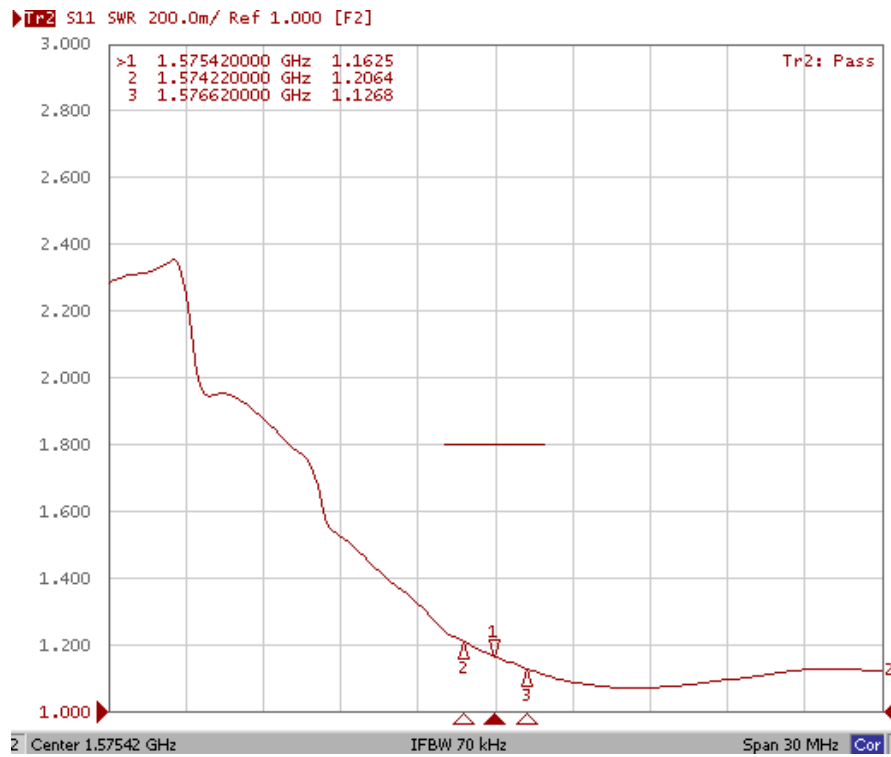
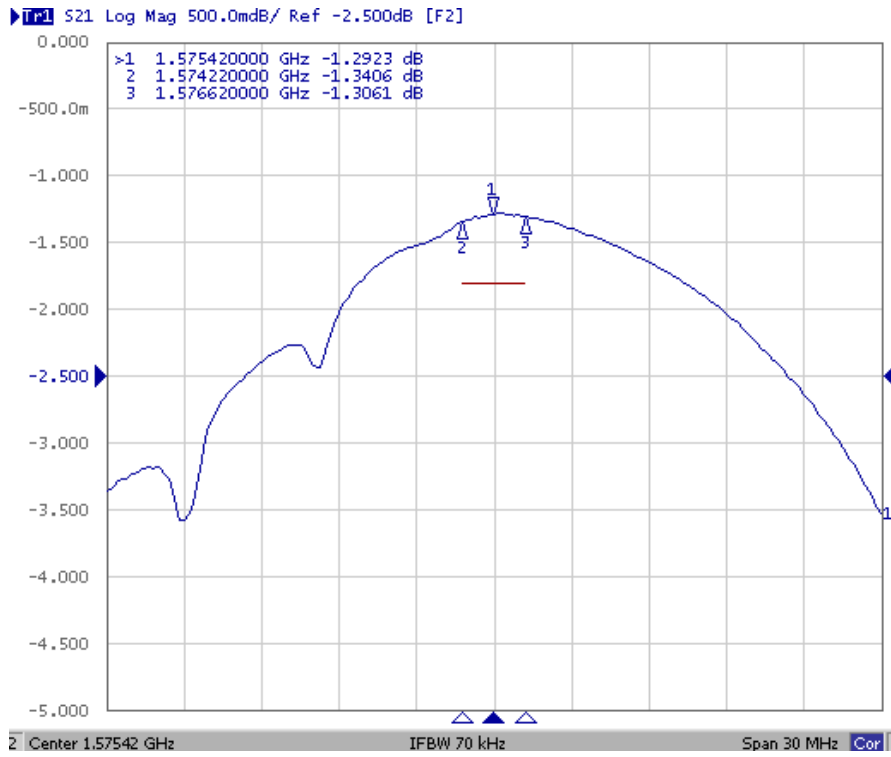
1. Input power level: 0dBm
2. Operating temperature: -40°C to +85°C
3. Storage temperature: -40°C to +85°C

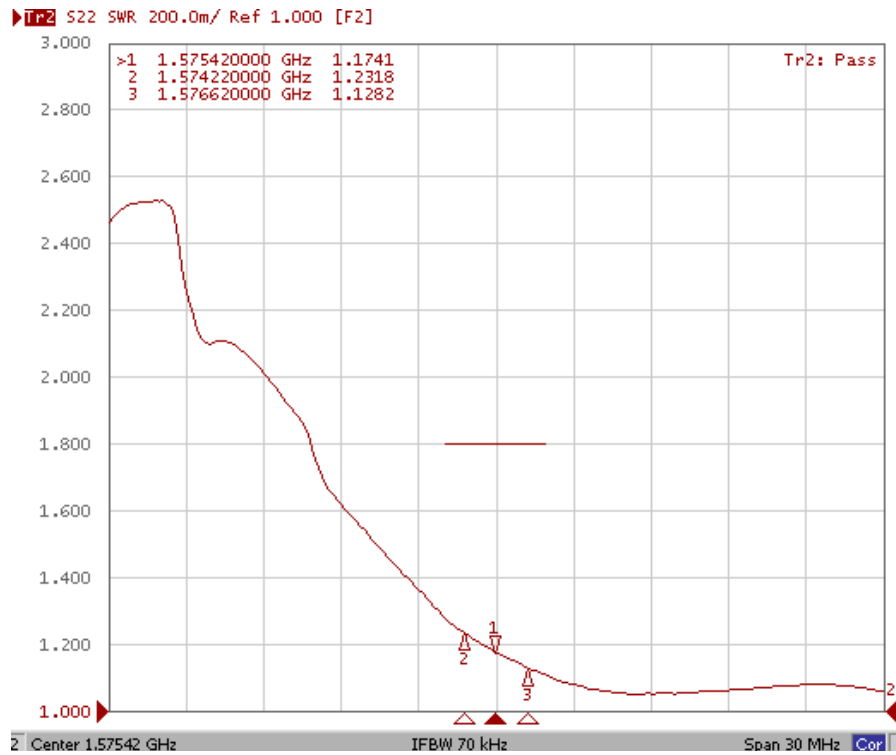
B. Electrical specifications:

Item	Unit	Min.	Typ.	Max.
Center frequency, f_0	MHz	-	1575.42	-
Insertion loss, IL within 1574.22~1576.62MHz	dB	-	1.3	1.8
Amplitude ripple within 1574.22~1576.62MHz	dB	-	0.1	0.5
Input/Output VSWR within 1574.22~1576.62MHz		-	1.3	1.8
Attenuation (relative to 0dB)				
0 ~ 1450 MHz	dB	40	46	-
1450 ~ 1500 MHz	dB	30	41	-
1625 ~ 1640 MHz	dB	30	43	-
1640 ~ 2000 MHz	dB	35	37	-
2000 ~ 2500 MHz	dB	30	33	-
2000 ~ 3000 MHz	dB	25	28	-
Source / Load impedance	Ω	-	50	-

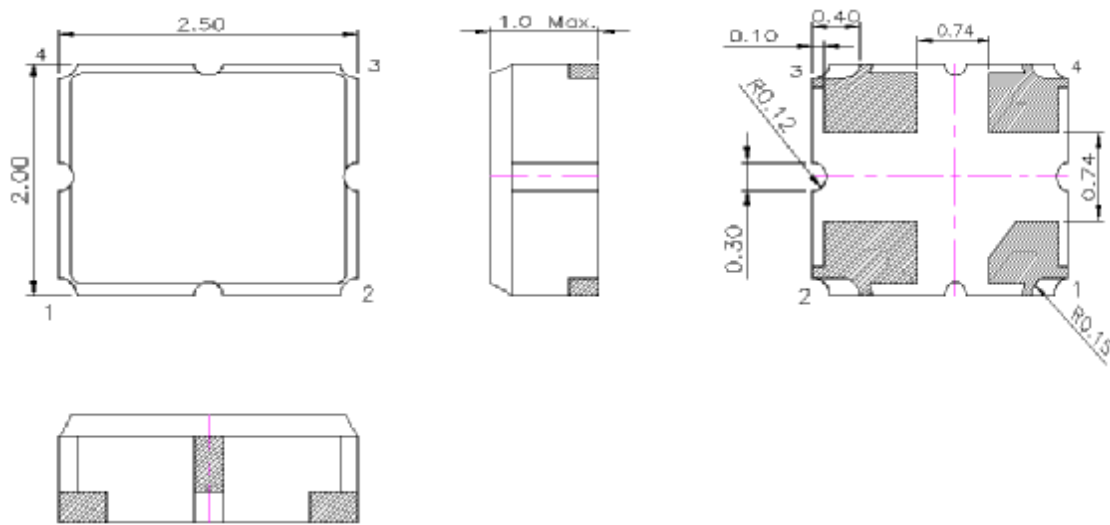
C. Characteristics:







D. Package and pin configuration:



(Unit: mm)

Pin 1: Input
Pin 2: Ground

Pin 3: Output
Pin 4: Ground