



Dielectric Filter Sample Specification

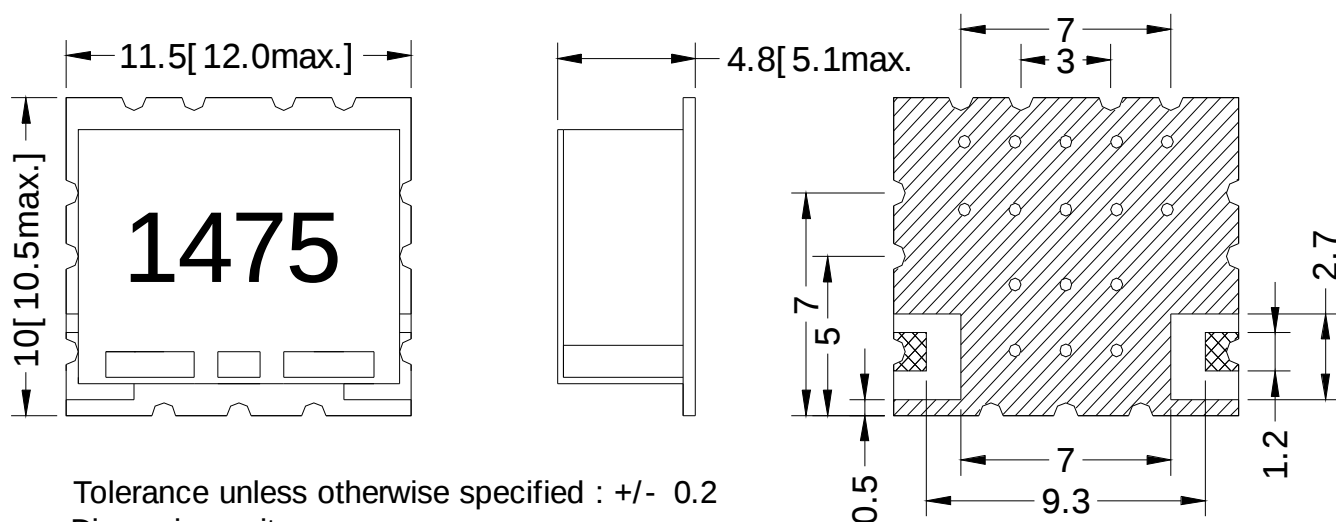
Customer	HRFMW LTD
Part No.	MBP44RC1475SP50B
Date	November 14, 2006

Written by	Checked by	Approved by
Kim mi-hyun		

1. Electrical Specifications.

Item		Specifications
Center Frequency (= Fc)		1475 MHz
Pass Bandwidth (= BW)		$F_c \pm 25$ MHz
Insertion Loss @ Fc		3.0 dB max.
Ripple @ BW	$F_c \pm 12.5$ MHz	0.4 dB max.
	$F_c \pm 25$ MHz	0.8 dB max.
Return loss @ BW		16 dB min.
In, Output Impedance		50 Ω
Group delay @ $F_c \pm 25$ MHz	slope	5 ns max (goal).
	parabolic	16 ns max (goal).
Attenuation		8 dBc min. @ $F_c \pm 50$ MHz 40 dBc min. @ $F_c \pm 120$ MHz
Operation Temperature Range		-30°C ~ +85°C

2. Dimensions.



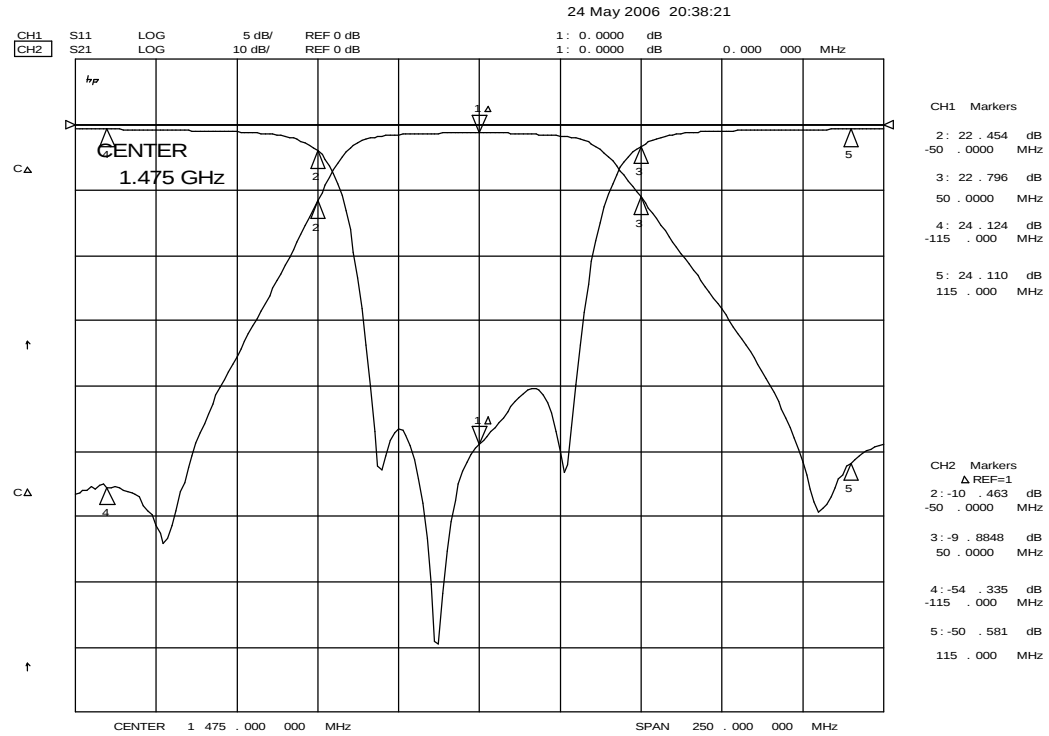
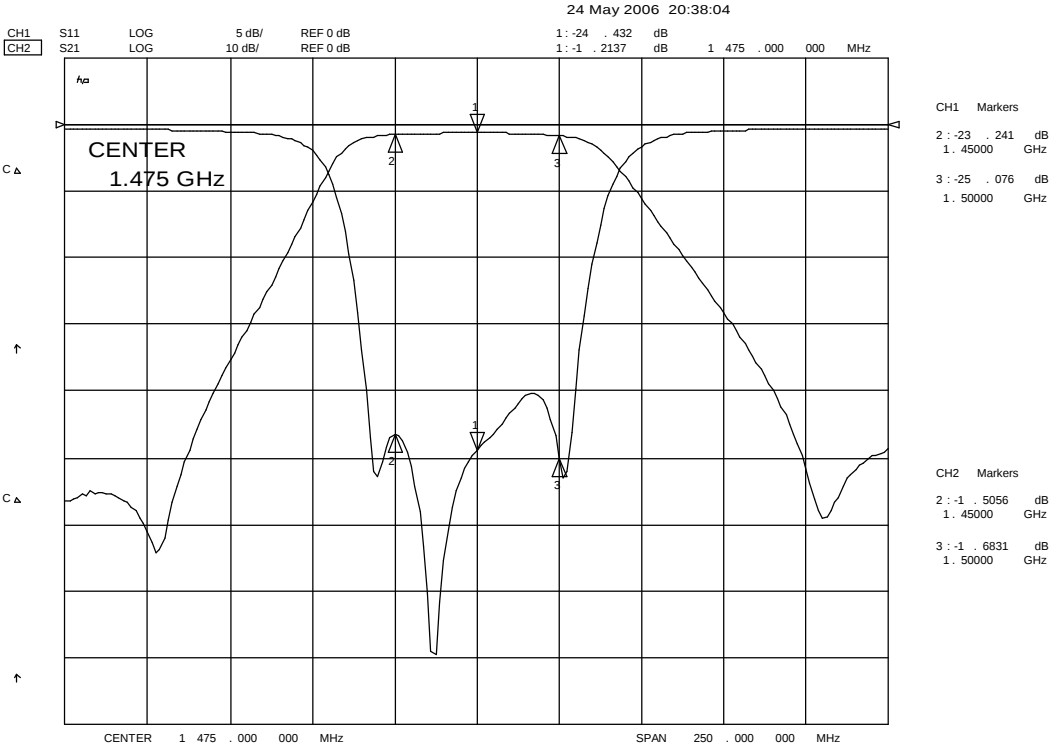
Tolerance unless otherwise specified : +/- 0.2

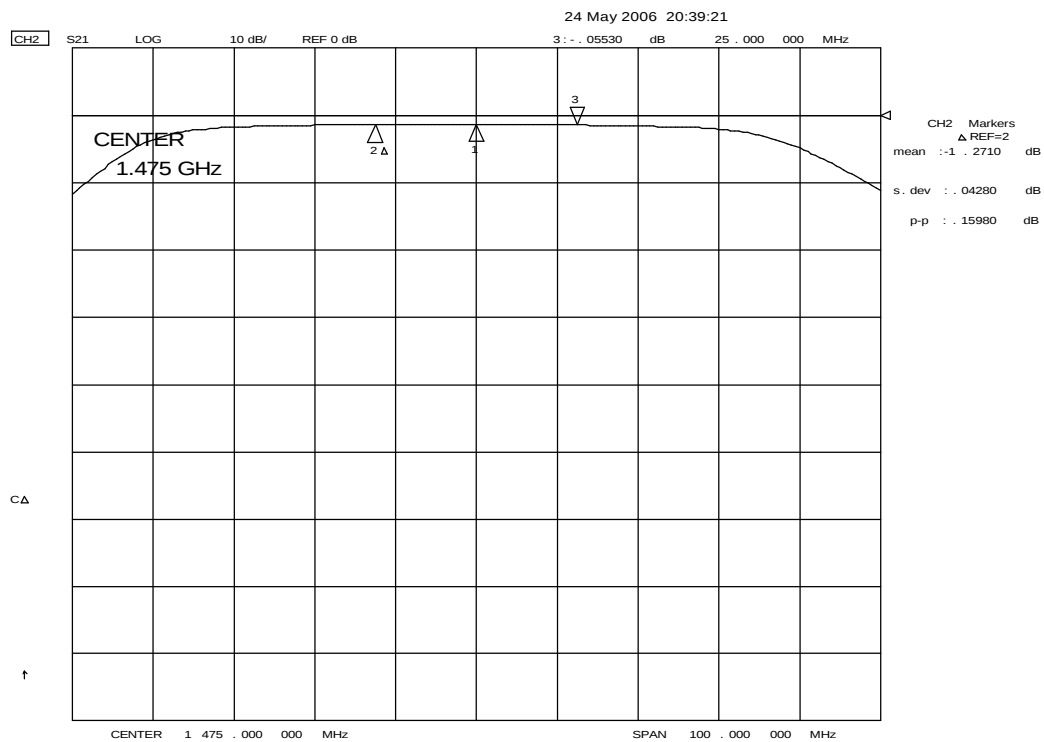
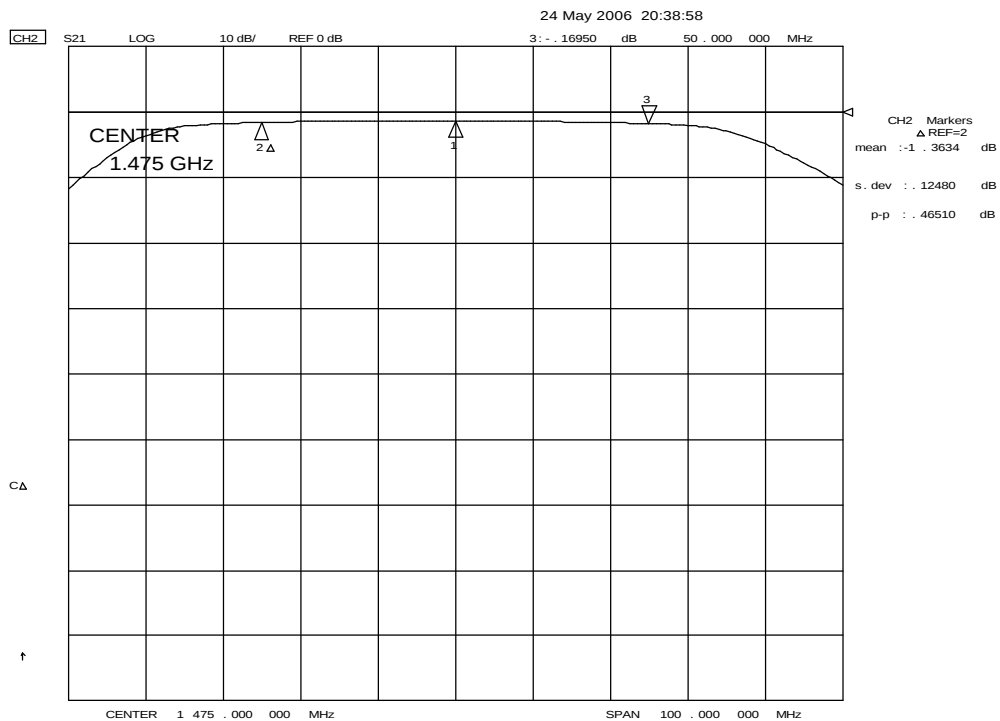
Dimension unit : mm

: GND

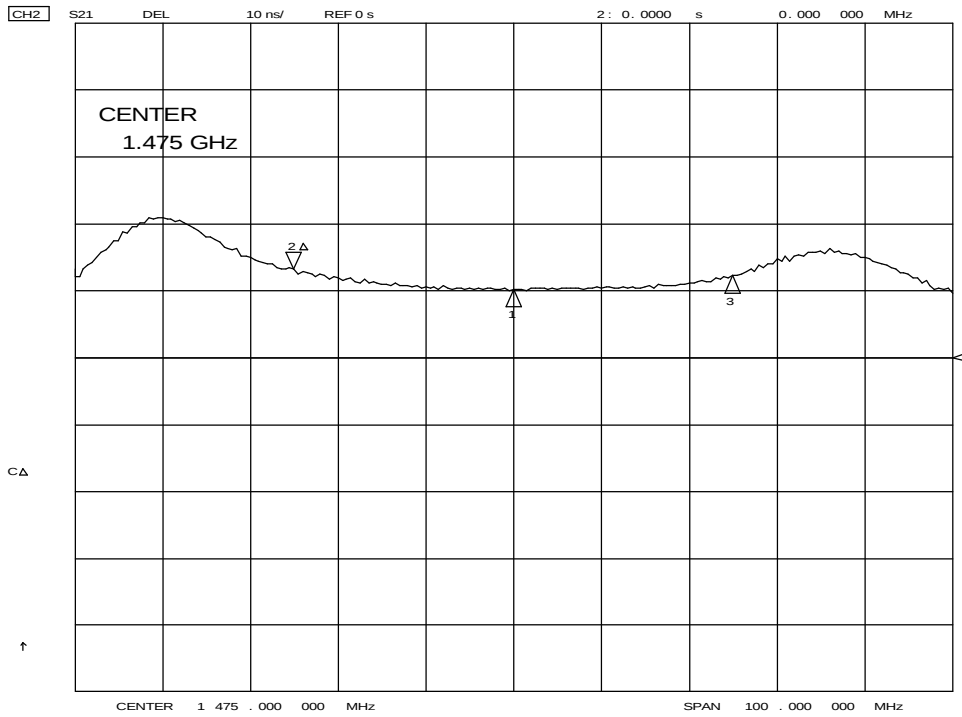
: Port

3. Data





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