

# Temperature test report

## (1) Temperature Test



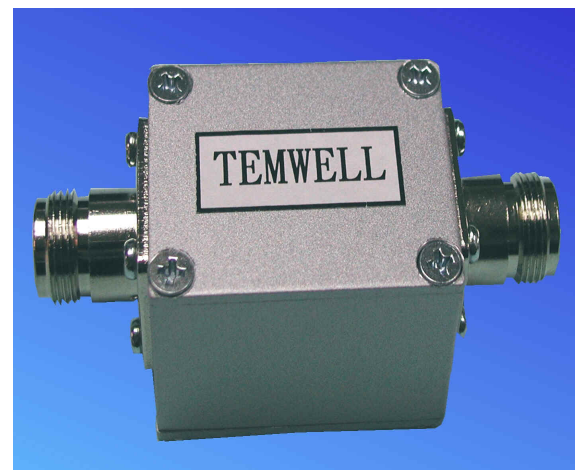
**Testing Organization:**  
Temwell Corporation



**Testing Machine:**  
Temperature & Humidity Tester Chamber  
THS-A4C-100 STD

**Testing Specification:**  
Operation Temperature: - 30°C ~ + 70°C  
Storage Temperature: - 30°C ~ + 80°C

## (2) Test subject:



**Item:**  
TM Module Band Pass Filter N connector  
1. TM-TT6774B-460M-20MN

**Require:**  
Operation Temperature: - 30°C ~ + 70°C  
Storage Temperature: - 30°C ~ + 80°C

**(3) Testing and test result:**

Part number 1

TM-TT6774B-460M-20MN

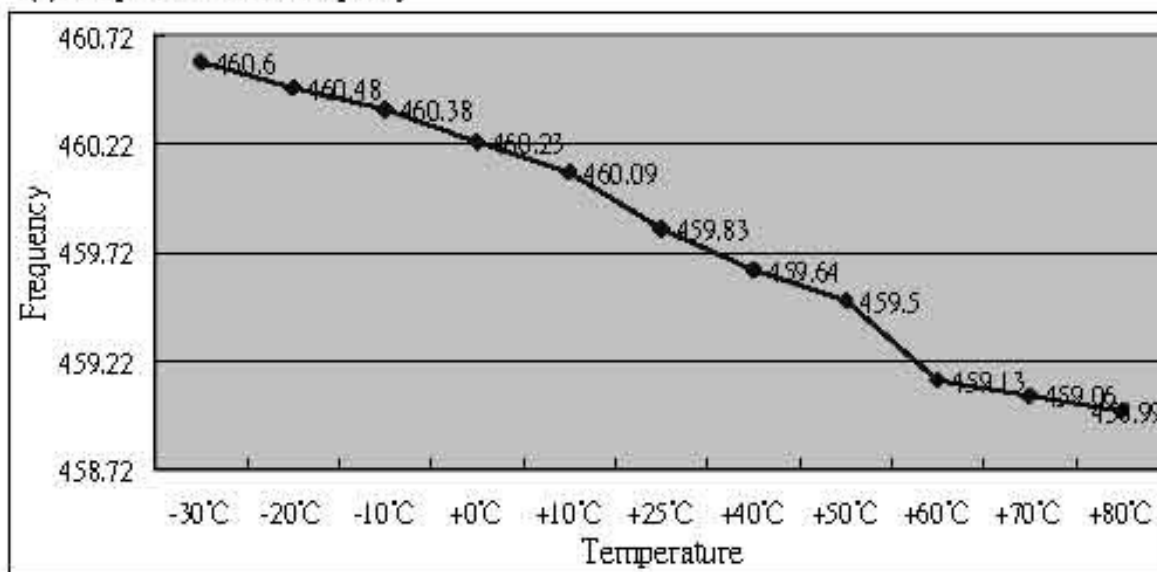
**溫度槽測試報告 (Temperature Aging Test Report)**

Parts Name : TM-TT6774B-460M-20MN(A) (Triple Tuning) Date : FEB.2.2005

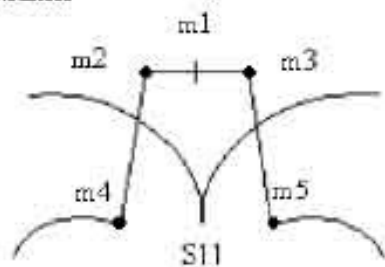
(1) Temperature & Time Process & Fo Frequency

	Temp ℃	Time Age Hour	$\Delta f(\%)(\text{MHz})$ Temp. Draft(-30~+80℃) < Fo×0.5% (Tolerance)	Fo MHz	At -3dB MHz	At -3dB MHz	-3BW MHz	IL (dB)	R.L. S11 (dB)	Atten. Fo-50M (dB)	Atten. Fo+50M (dB)
f1	-30℃	1.5H	0.167%(0.77M)	460.60	471.50	449.70	21.80	1.27	16.39	41.12	37.49
f2	-20℃	0.5H	0.141%(0.65M)	460.48	471.36	449.60	21.76	1.31	16.37	10.96	37.58
f3	-10℃	0.5H	0.119%(0.55M)	460.38	471.30	449.46	21.84	1.35	16.39	40.94	37.71
f4	+0℃	0.5H	0.086%(0.40M)	460.23	471.10	449.36	21.74	1.40	16.42	40.85	37.79
f5	+10℃	0.5H	0.056%(0.26M)	460.09	470.96	449.23	21.73	1.43	16.45	40.87	37.86
f6	+25℃	0.5H	0.000%(0.00M)	459.83	470.70	448.96	21.74	1.50	16.54	40.65	38.00
f7	+40℃	0.5H	0.041%(0.19M)	459.64	470.46	448.83	21.63	1.59	16.59	40.70	37.85
f8	+50℃	0.5H	0.071%(0.33M)	459.50	470.30	448.70	21.60	1.63	16.66	40.61	37.85
f9	+60℃	0.5H	0.152%(0.70M)	459.13	469.93	448.33	21.60	1.72	16.92	40.42	37.97
f10	+70℃	0.5H	0.167%(0.77M)	459.06	469.83	448.30	21.50	1.77	17.22	40.32	37.93
f11	+80℃	0.5H	0.182%(0.84M)	458.99	469.76	448.23	21.53	1.84	17.34	40.23	37.90

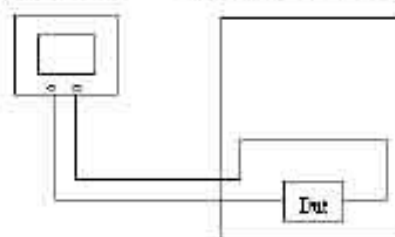
(2) Temperature VS Fo Frequency



(3) Makers



(4) HP-8714E Temperature Chamber



Result

**PASS**