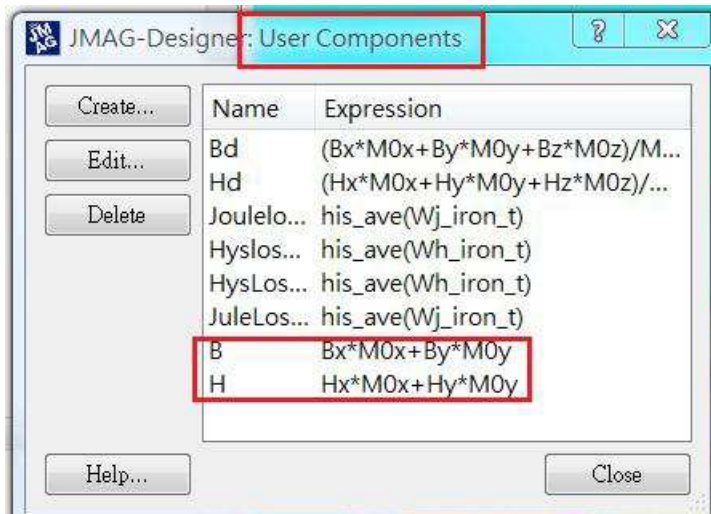
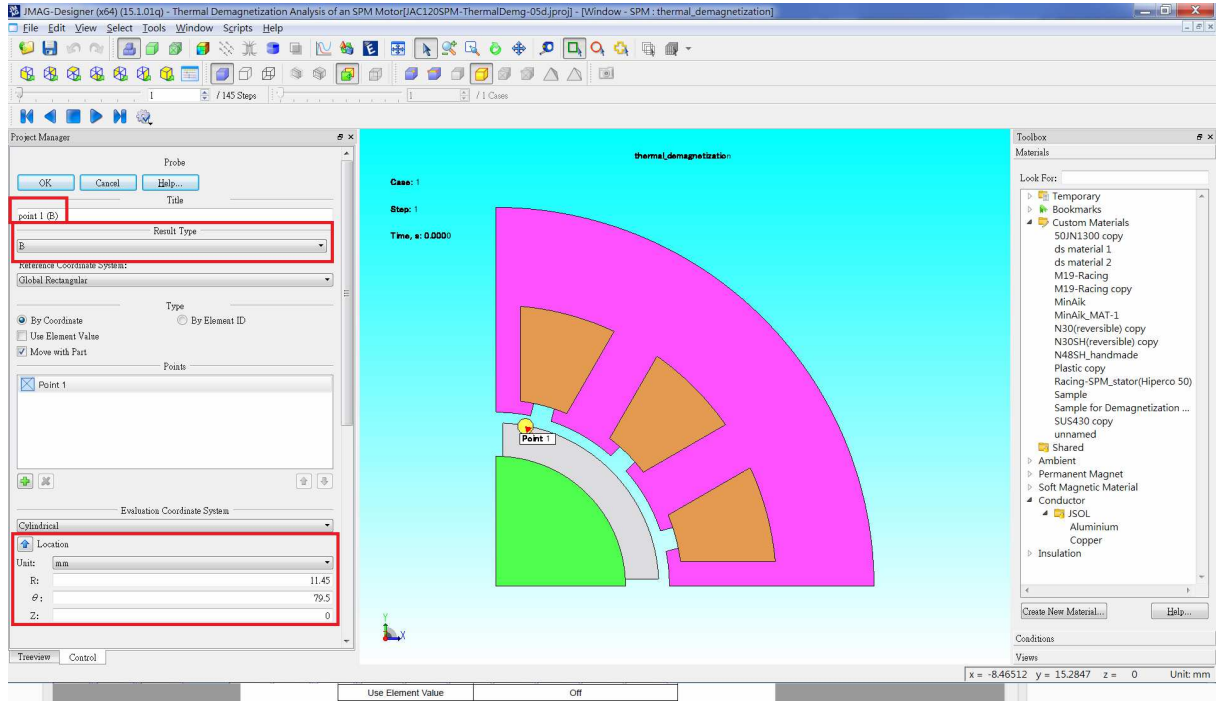


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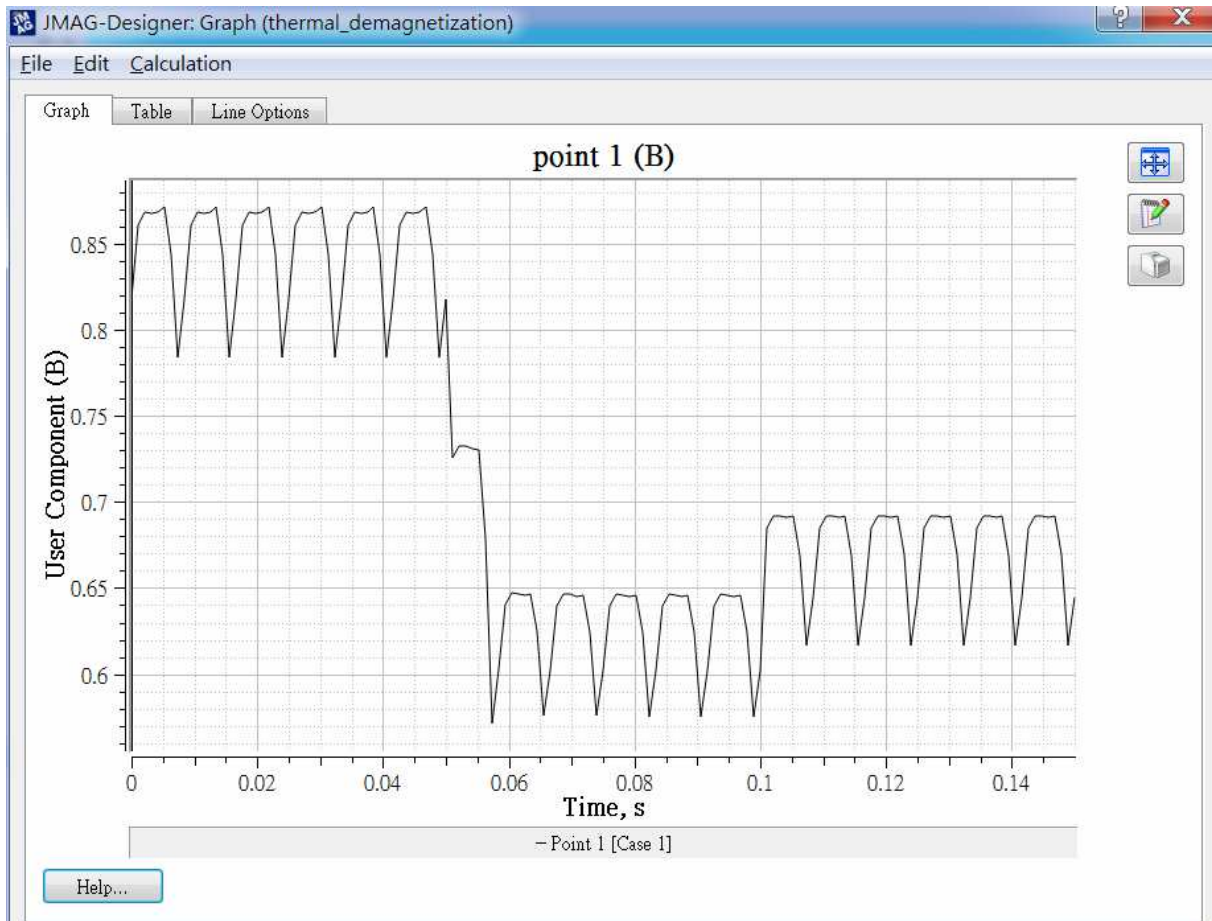
參照 JAC12OSPM 的計算方式，先利用 Menu/Tools/User Components 寫入要計算的 B 與 H 公式



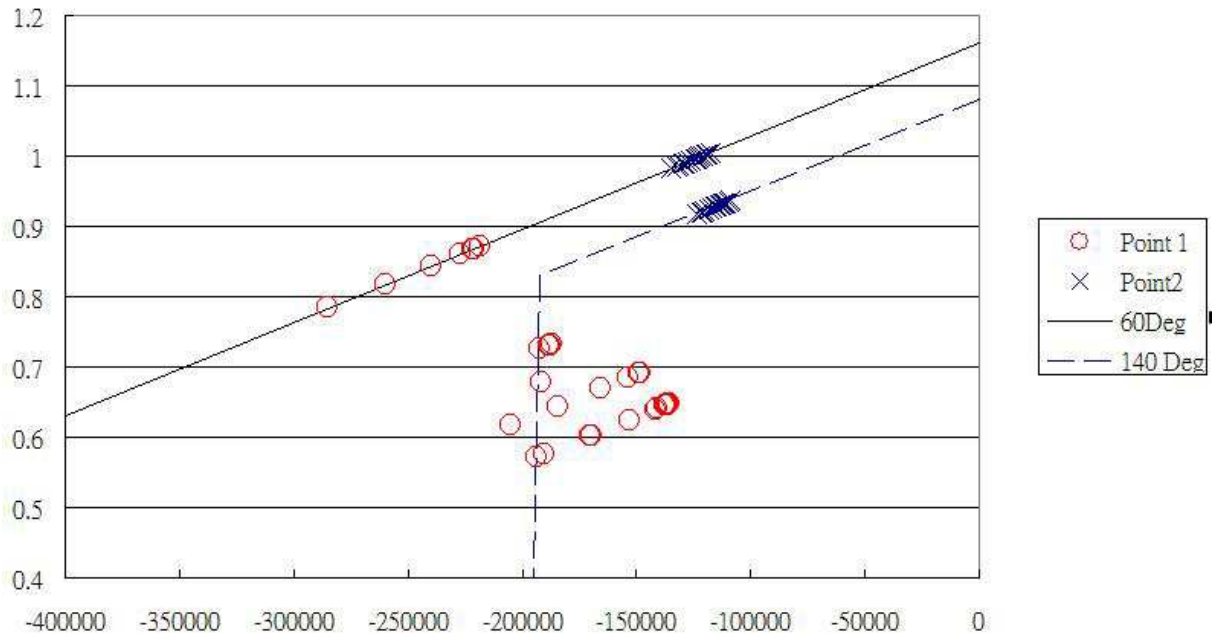
再直接從 probe 內選擇在 User Components 已寫入的計算公式，(Ex:B)



即可得到其磁鐵的操作點磁通特性以及 **Table (B1)**，如下圖示



再將其 table 匯至 excel 可直接繪製成操作點，如下圖示 (ex:JAC120SPM)



詳細可參 JAC120 pdf P.25 說明，如下圖示

6.4 Operating Point

The analysis results are obtained when the magnetic field analysis is complete. In this Application Note, the operating point is displayed using a graph.

Follow the steps below to display the operating point as shown in fig 4.5.

- ① To output magnetic flux density (B) for the magnetization direction as well as the magnetic field (B) in the user component, create the following formula using initial magnetization (M0).
magnetic flux density : $B_x * M0_x + B_y * M0_y$
magnetic field : $H_x * M0_x + H_y * M0_y$
- ② Refer to tables 6.3 and 6.4 to set the measuring points shown in fig. 4.4 for the magnetic flux density and magnetic field.
- ③ Results for magnetic flux density and magnetic field will each be output to a separate spreadsheet file.

Fig.4.5 can be derived by creating a graph with horizontal axis H and vertical axis B using the magnetization properties curve of the magnets.

Table 6.3 Magnetic flux density probe settings

Parameter	Measuring point 1 settings	Measuring point 2 settings	
Result Type	Magnetic Flux Density		
Reference Coordinate System	Global Rectangular		
Component	All Components		
Use Element Value	Off		
Move with Part	On		
Evaluation Coordinate System	Cylindrical		
Location	Unit	mm	
	R	11.45	9.3
	θ	79.5	76