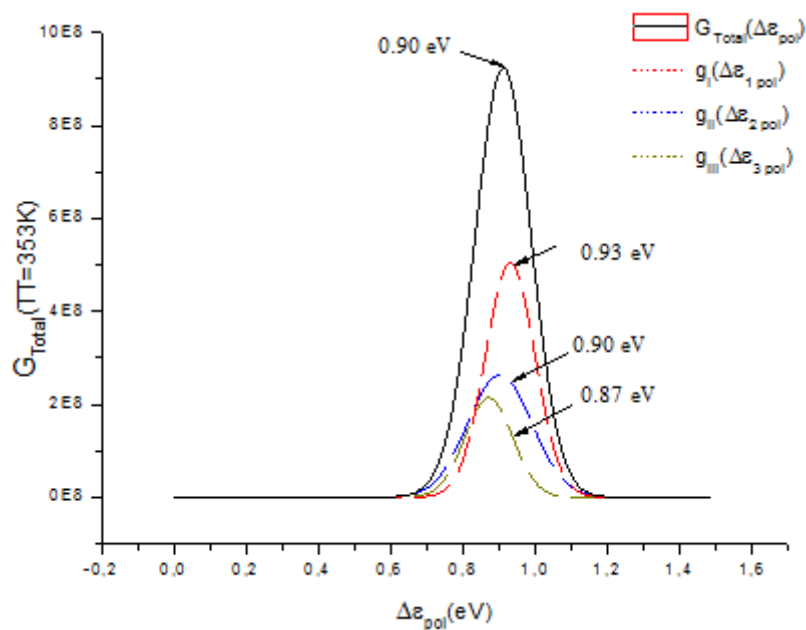
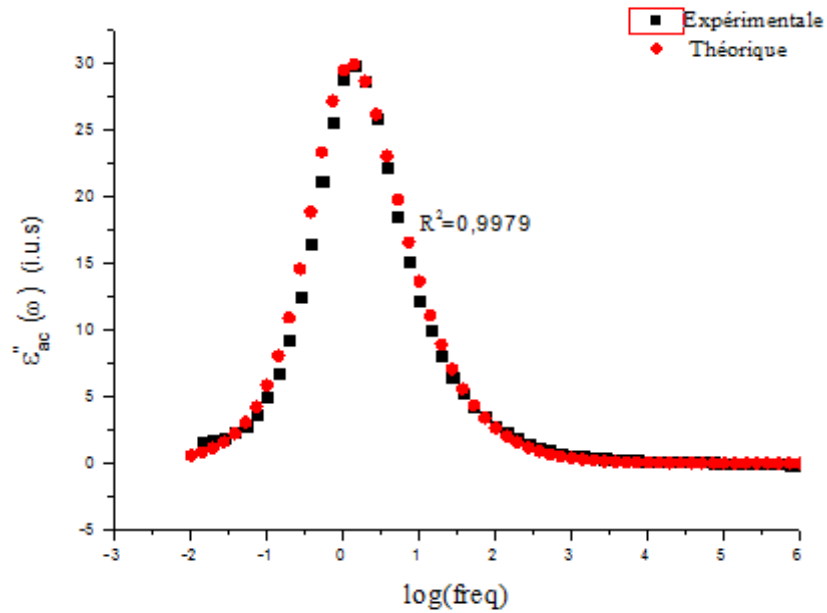


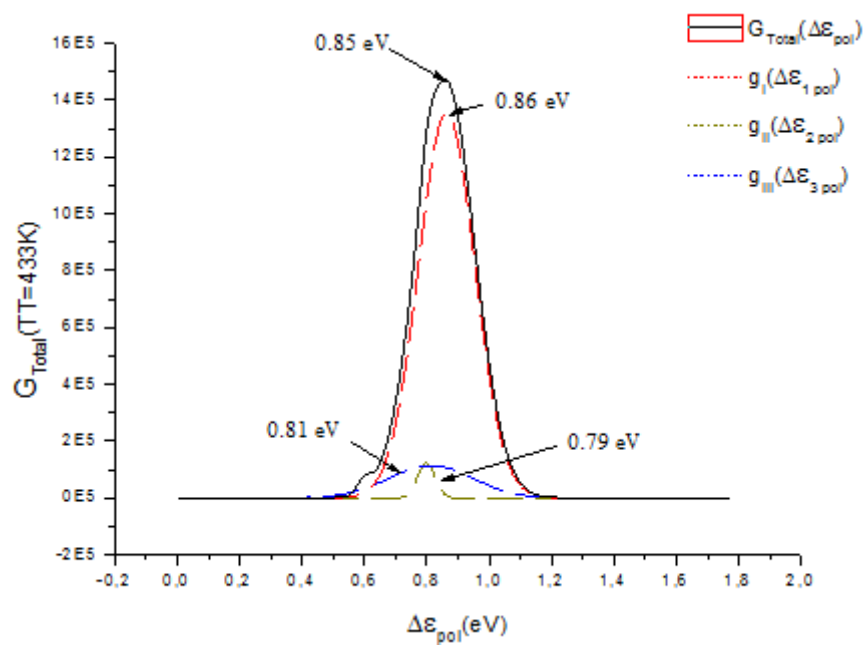
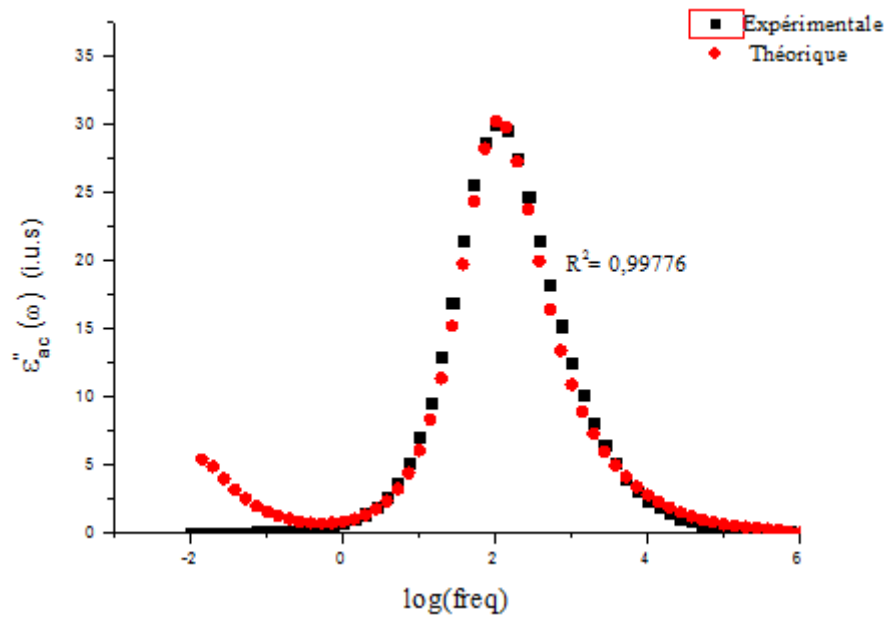
I. Le verre $Na_2ZnP_2O_7$ dopé par (2%.mole) de cobalt à différentes températures de traitements

a) TT=353K :



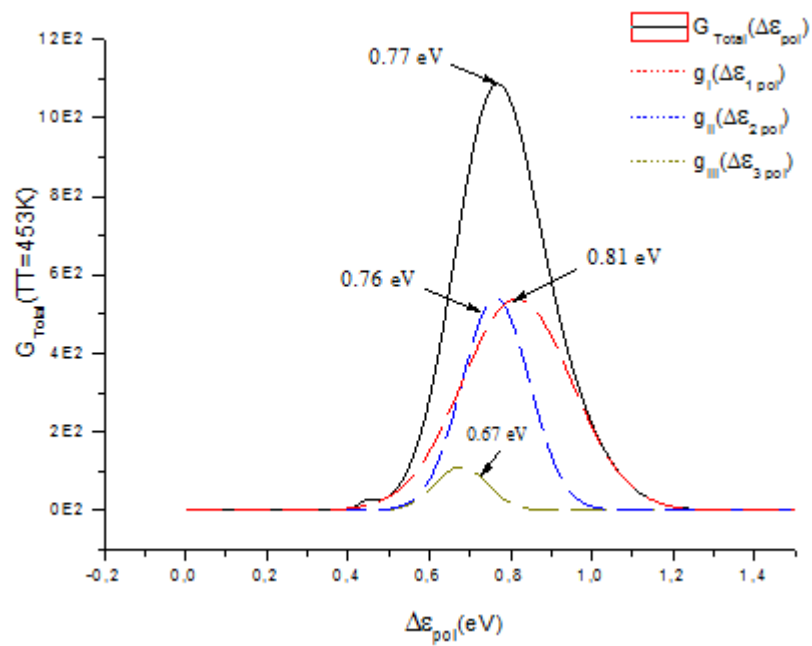
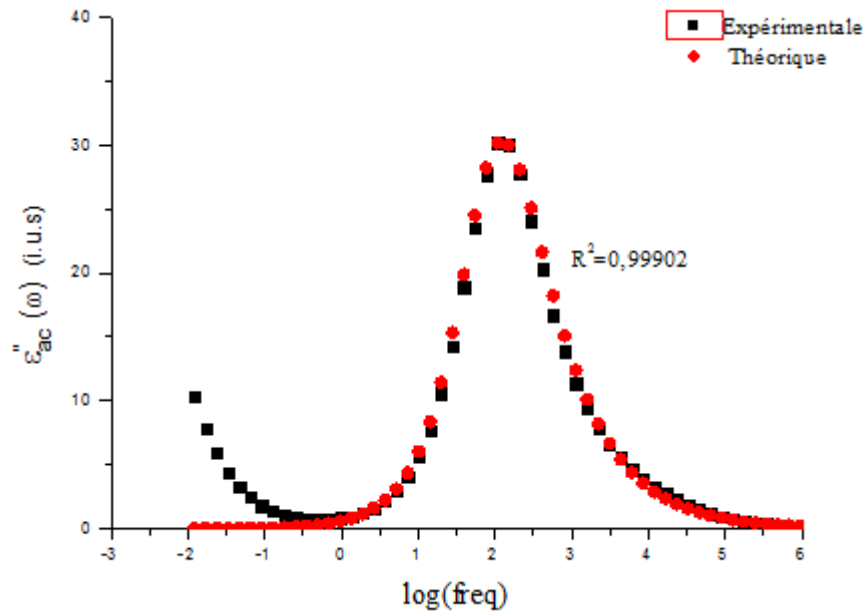
Paramètres gaussienne	Site I	Site II	Site III	La gaussienne principale (G_{tot})
ϵ_{pol}	0,93	0,90	0,87	0,90
γ	0,13737	0,17784	0,13218	0,15584
Aire	8,67041	5,85209	3,54404	18,06654
$A_i\%$	48	32.39	19.61	

b) TT=433K :



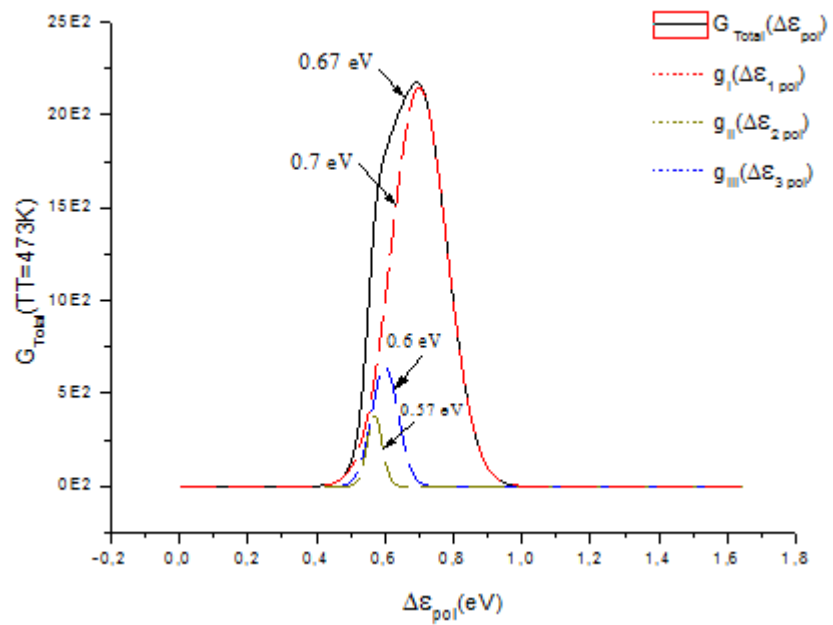
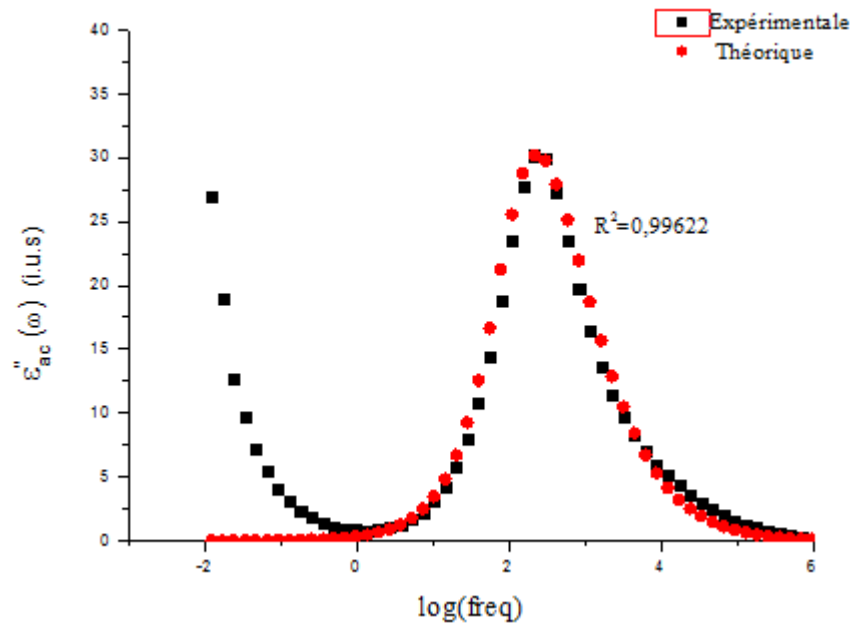
Paramètres gaussienne	Site I	Site II	Site III	La gaussienne principale (G_{tot})
ϵ_{pol}	0,86	0,81	0,79	0,85
γ	0,18012	0,26965	0,05592	0,18635
Aire	305736,64987	38518,02351	8590,06598	352 844,73936
$A_i\%$	86,64	10,91	2,45	

c) TT=453K :



Paramètres gaussienne	Site I	Site II	Site III	La gaussienne principale (G_{tot})
ϵ_{pol}	0,81	0,76	0,67	0,77
γ	0,27	0,16632	0,12878	0,22883
Aire	182,25294	112,23793	17,92895	312,41982
$A_i\%$	58,33	35,92	5,73	

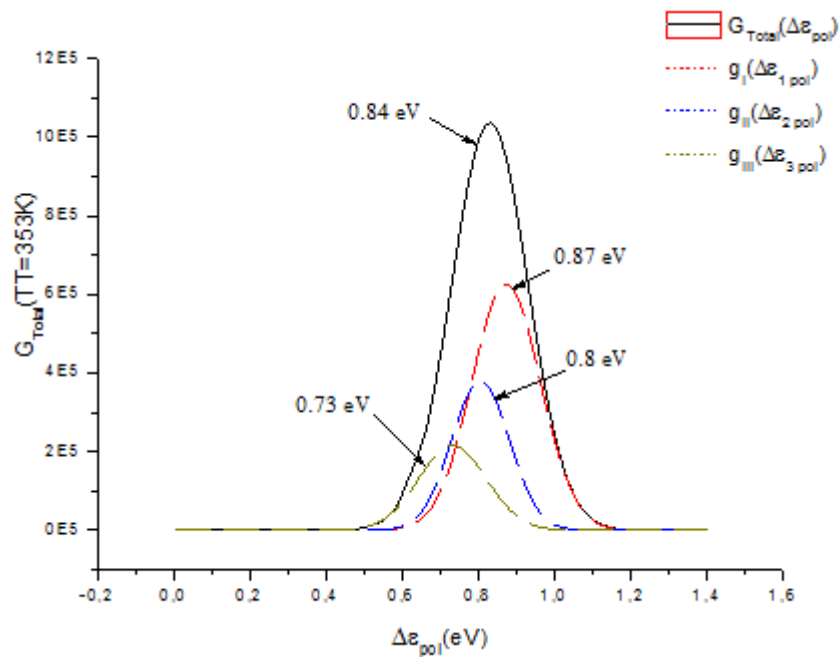
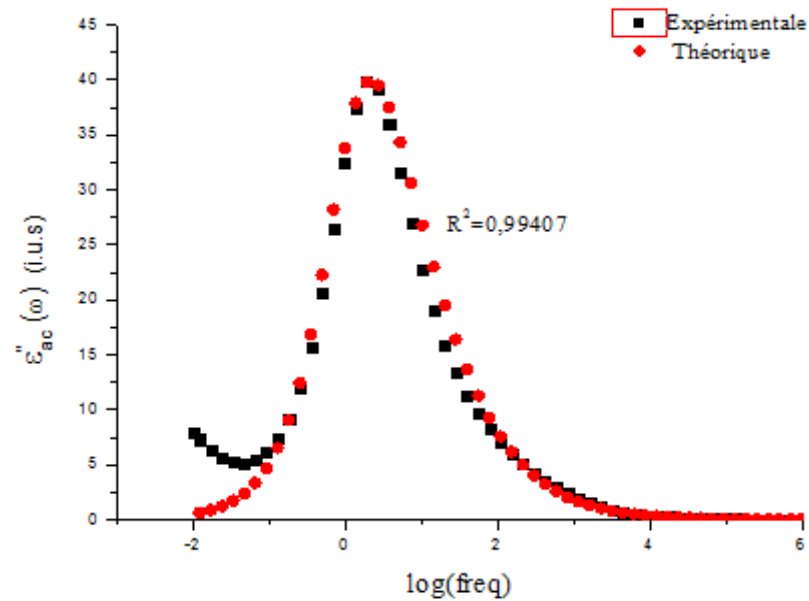
d) TT=473K :



Paramètres gaussienne	Site I	Site II	Site III	La gaussienne principale (G_{tot})
ϵ_{pol}	0,7	0.6	0.57	0.67
γ	0,16124	0,07747	0,0447	0,18539
Aire	434,05175	62.58855	21,04136	517,68166
$A_i\%$	83.85	12.09	4.06	

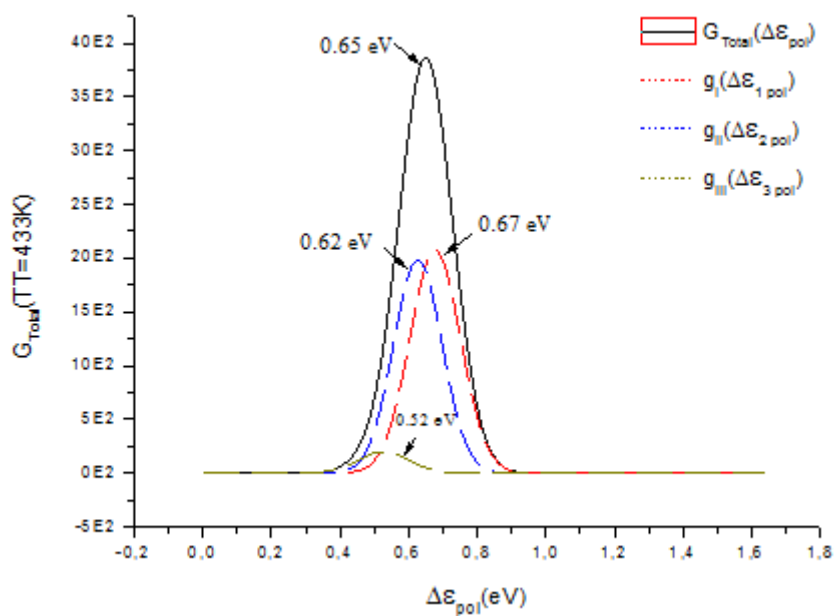
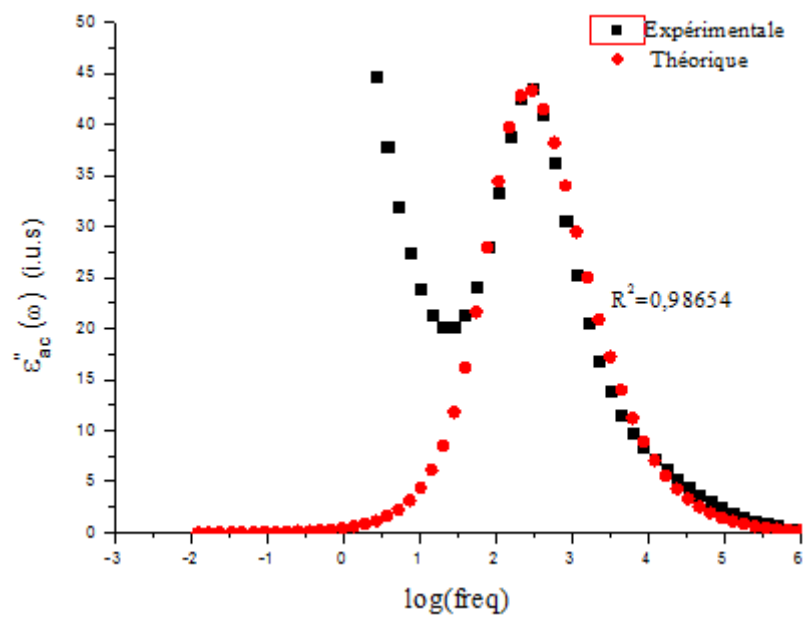
II. Le verre $Na_2ZnP_2O_7$ dopé par (5%.mole) de cobalt

a) $TT= 353K$:



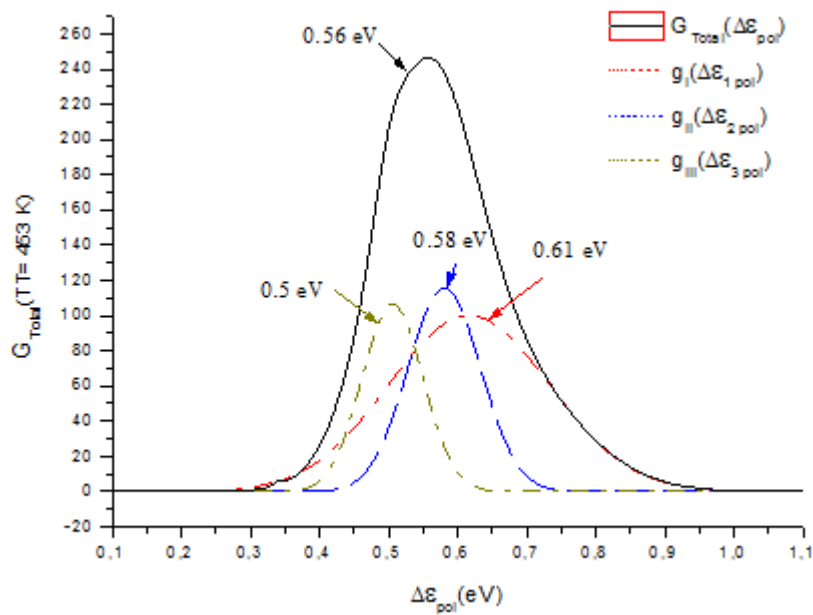
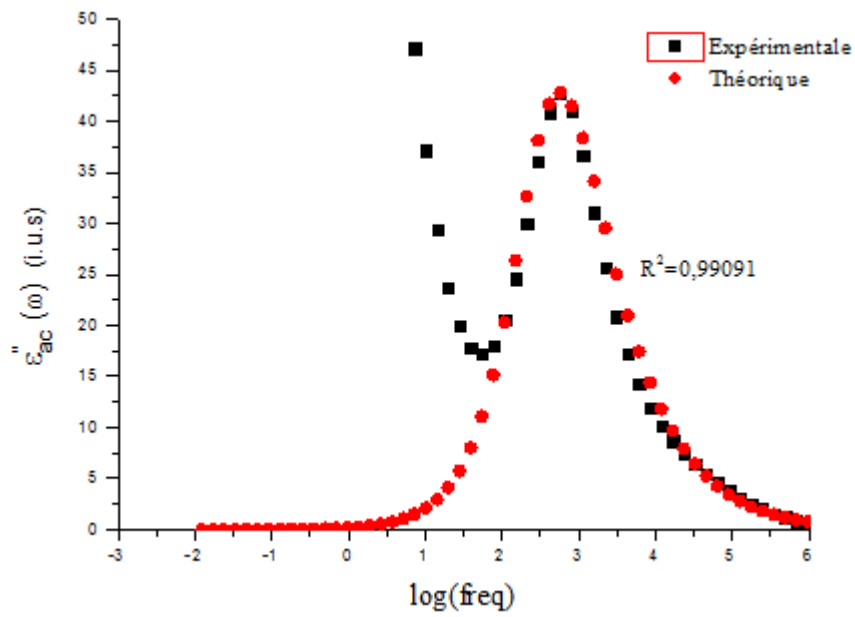
Paramètres gaussienne	Site I	Site II	Site III	La gaussienne principale (G_{tot})
ϵ_{pol}	0,87	0.8	0.73	0.83
γ	0,17969	0,15225	0,17866	0,20135
Aire	140897,00463	72413,0784	48218,82382	261 528,90685
$A_i\%$	53.87	27.7	18.43	

b) TT= 433K :



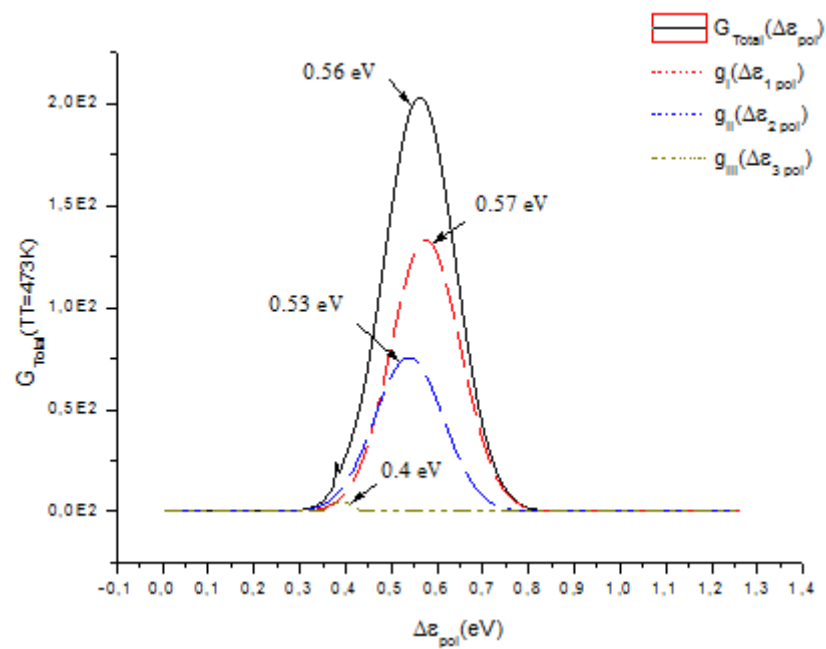
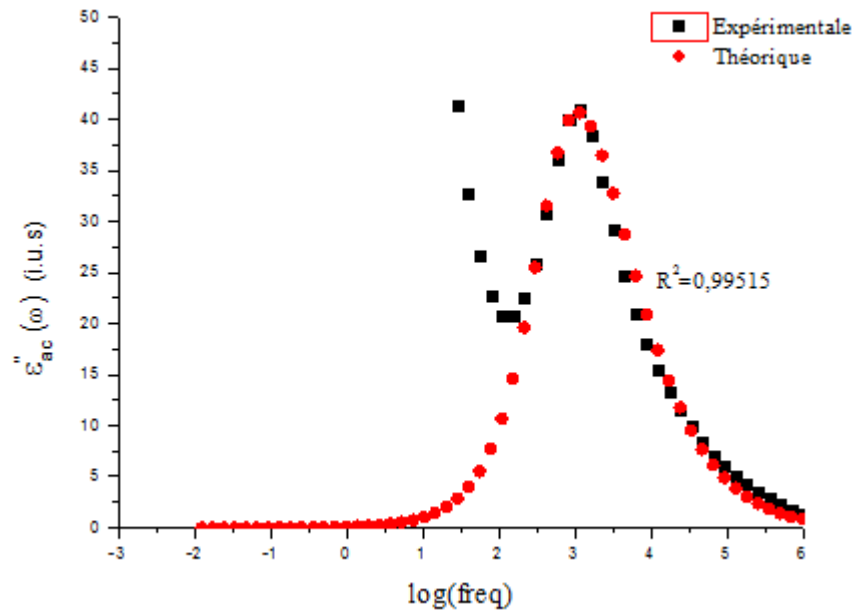
Paramètres gaussienne	Site I	Site II	Site III	La gaussienne principale (G_{tot})
ϵ_{pol}	0,67	0,62	0,52	0,65
γ	0,14772	0,14119	0,14889	0,15897
Aire	383,67196	351,02102	37,18621	771,87919
$A_i\%$	49,70	45,47	4,81	

c) TT= 453K :



Paramètres gaussienne	Site I	Site II	Site III	La gaussienne principale (G_{tot})
ϵ_{pol}	0.61	0.58	0.5	0.56
γ	0.23332	0.10544	0.08862	0,17571
Aire	29,22445	15,2785	11,81447	56,31742
$A_i\%$	51.9	27.13	20,97	

d) TT= 473K :



Paramètres gaussienne	Site I	Site II	Site III	La gaussienne principale (G_{tot})
ϵ_{pol}	0,57	0,53	0,4	0,56
γ	0,15201	0,15061	0,0427	0,15675
Aire	25,35382	14,23434	0,26876	39,85692
$A_i\%$	63,61	35,72	0,67	