



PRODUCT NAME
TP6902 HSOP

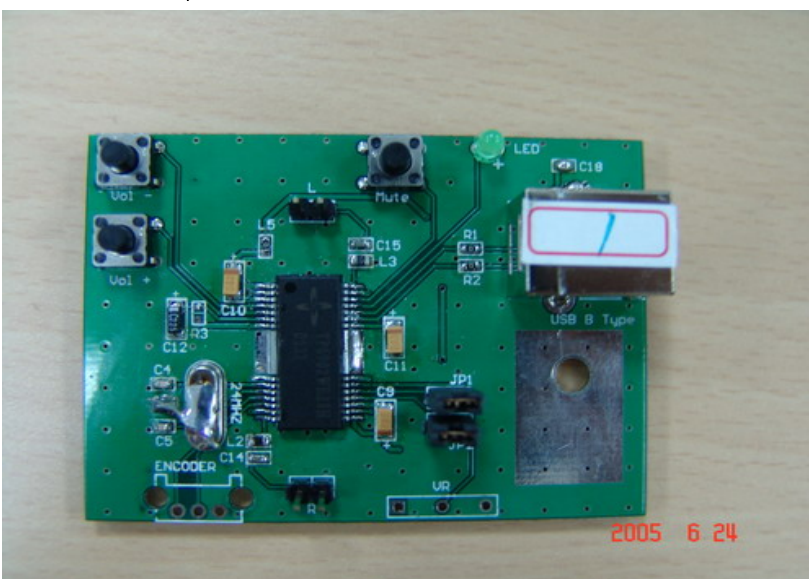
TITLE
USB Audio for EMI Report

APPLICATION NOTE

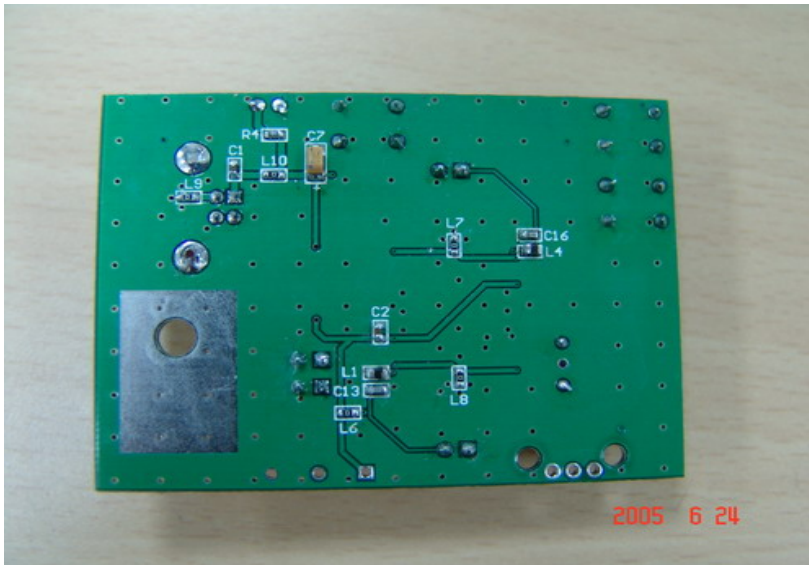
1. 使用線材為編織網有帶 Core



2. PCB 正面



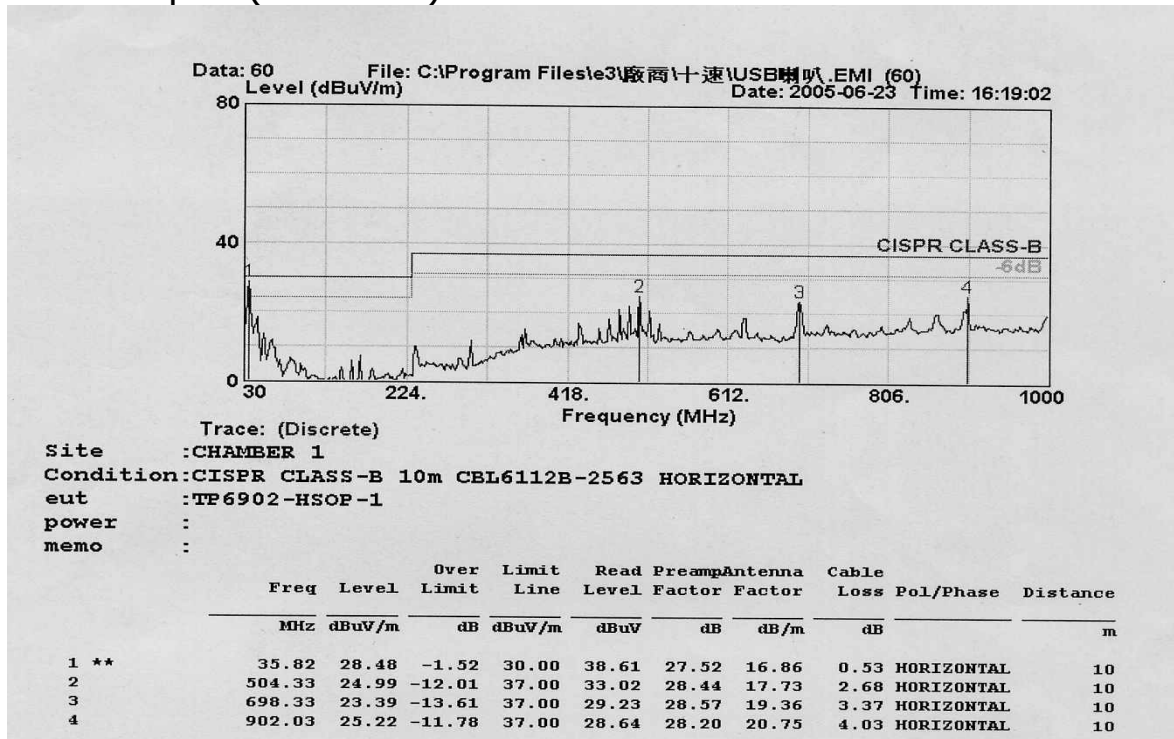
3. PCB 背面



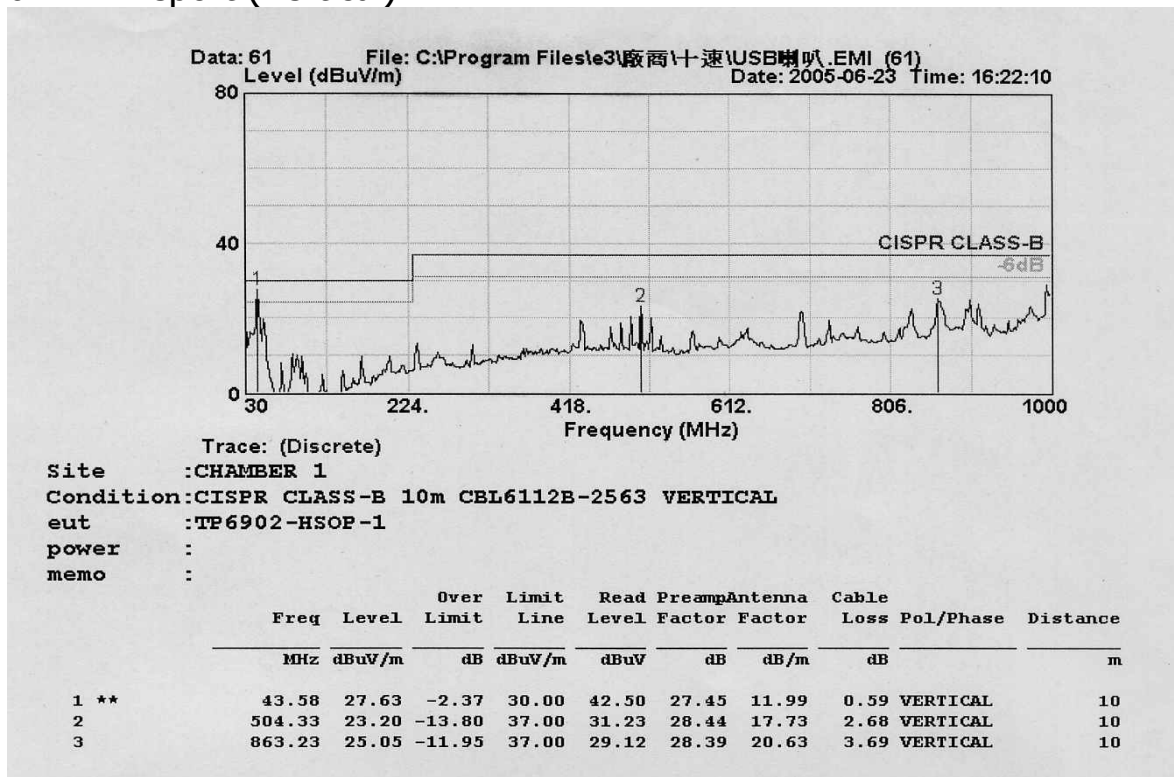
4. 喇叭線長 1 米



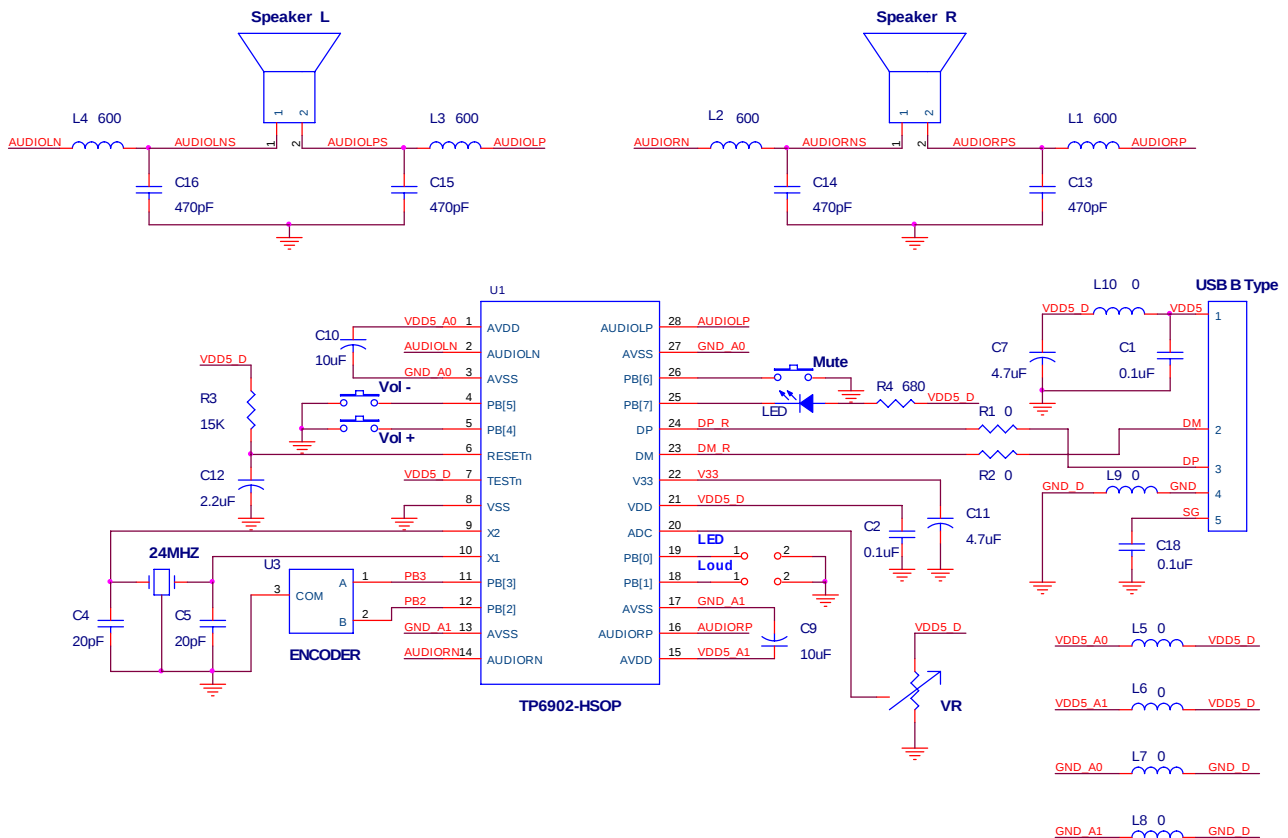
5. EMI Report (Horizontal)



6. EMI Report (Vertical)



7. PCB 線路圖



8. BOM List

Item	Qty	Name	Component	Item	Qty	Name	Component
1	1	A1	Speaker R	13	8	R1,R2,L5,L6	0Ω
2	1	A2	Speaker L	14		L7,L8,L9,L10	0Ω
3	2	C1,C2	0.1uF	15	1	R3	15KΩ
4	2	C4,C5	20pF	16	1	R4	680Ω
5	2	C7,C11	4.7uF	17	1	R5	VR
6	2	C9,C10	10uF	18	1	SW1	Mute
7	1	C12	2.2uF	19	1	SW2	Vol +
8	4	C13,C14,C15,C16	470pF	20	1	SW3	Vol -
9	1	D1	LED	21	1	U1	TP6902-HSOP
10	2	JP2,JP1	JUMPER	22	1	U3	ENCODER
11	1	J1	USB B Type	23	1	Y1	24MHZ
12	4	L1,L2,L3,L4	Bead 600Ω				

P.S " 此測試結果僅針對與測試報告中相同的 PCB Layout、USB 線材等條件，對於不同的設計條件須視實際需要做調整，以符合 EMC 的規範"。