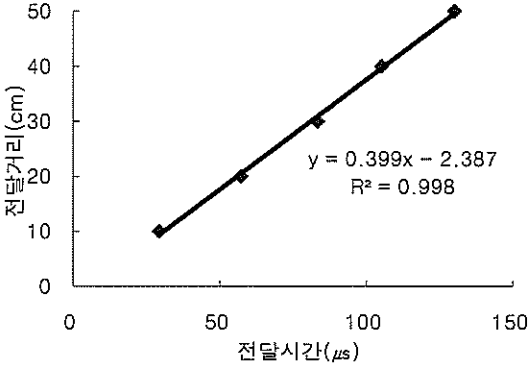
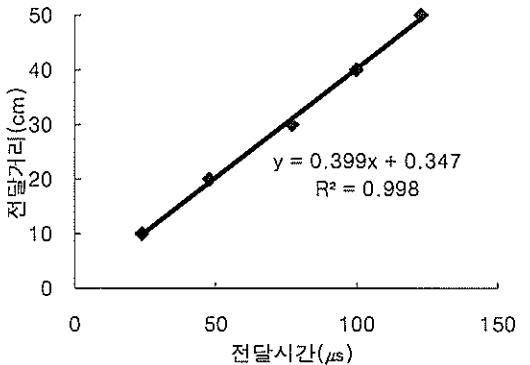
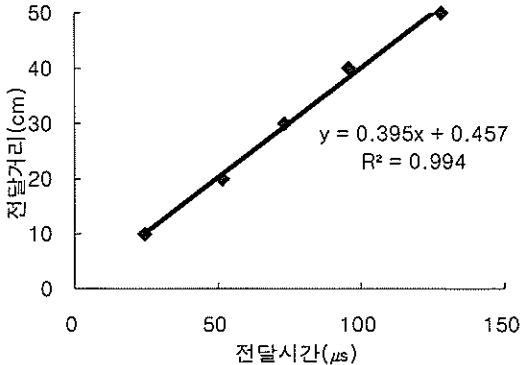
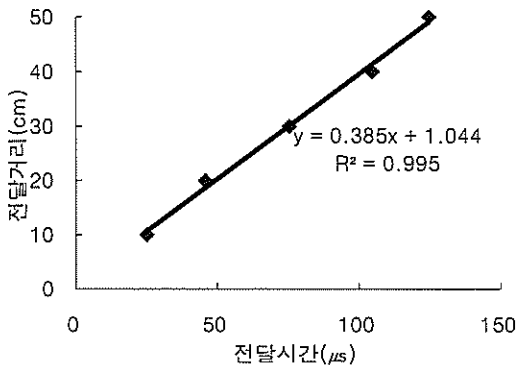
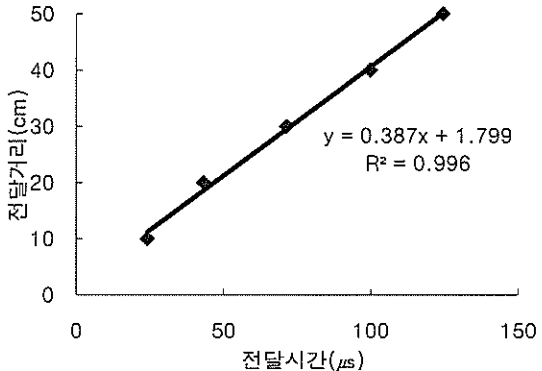
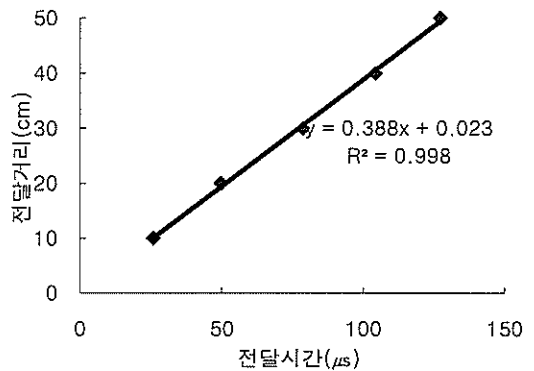
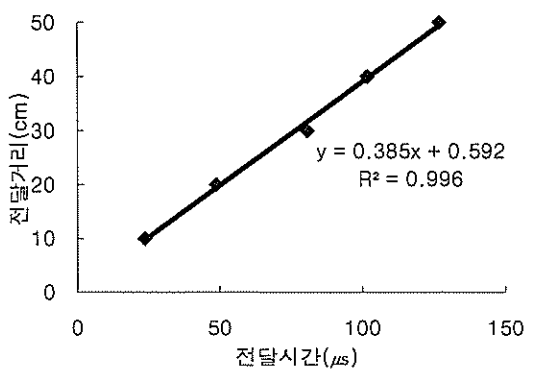
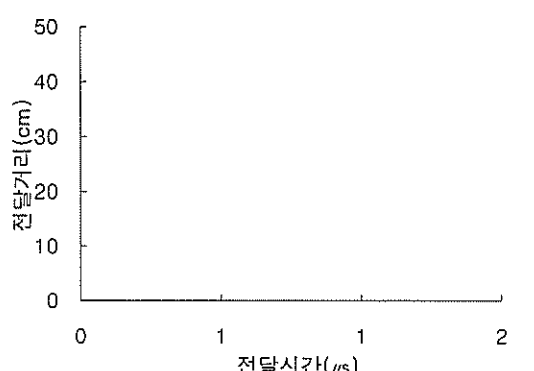


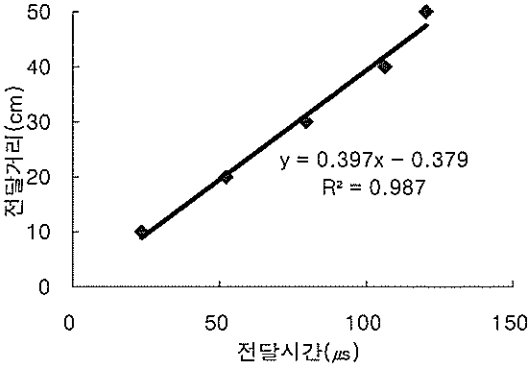
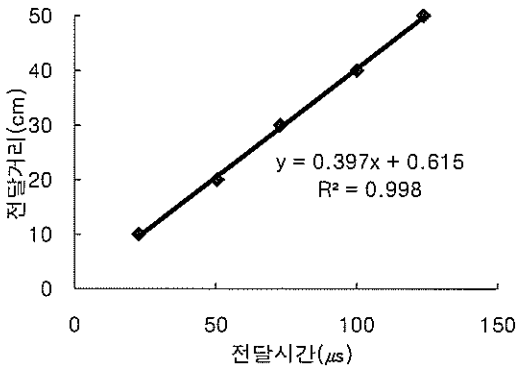
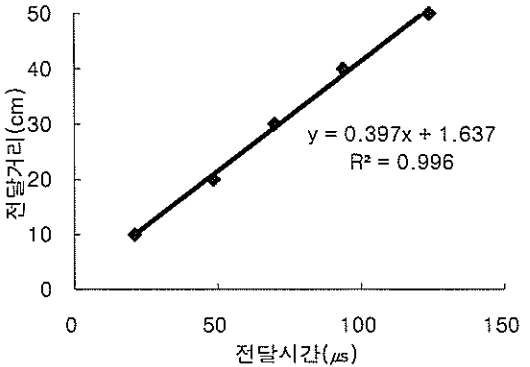
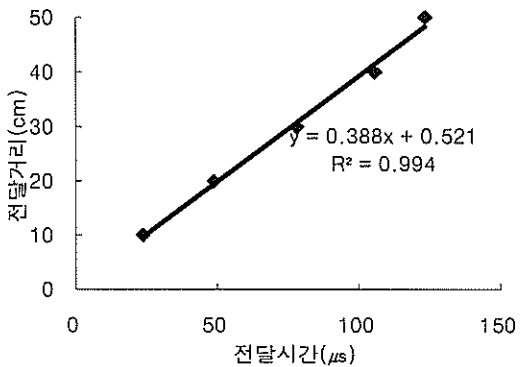
울하교(대구) 초음파탐사1

탐사위치	바닥판하면 S1	탐사위치	바닥판하면 S2
Y(전달거리, cm)	X(전달시간, μ s)	Y(전달거리, cm)	X(전달시간, μ s)
10	29.3	10	23.8
20	57.2	20	47.8
30	83.4	30	77.0
40	105.3	40	99.8
50	130.2	50	122.7
초음파속도 V_i	3.99	초음파속도 V_i	4.00
			
탐사위치	바닥판하면 S3	탐사위치	교대 A1 구체
Y(전달거리, cm)	X(전달시간, μ s)	Y(전달거리, cm)	X(전달시간, μ s)
10	24.4	10	25.1
20	51.7	20	45.8
30	73.4	30	75.4
40	95.8	40	104.7
50	128.1	50	124.8
초음파속도 V_i	3.96	초음파속도 V_i	3.85
			

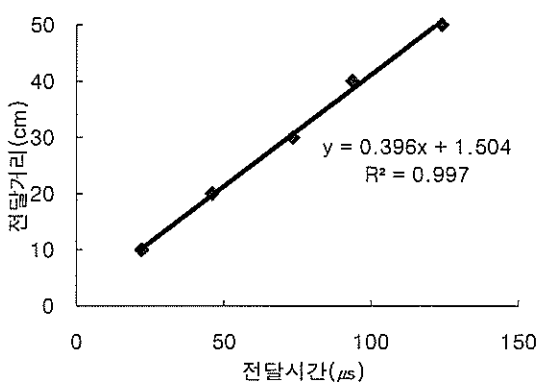
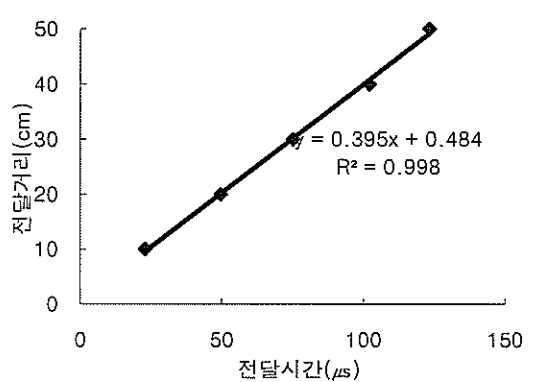
울하교(대구) 초음파탐사2

탐사위치	교각 P1 기둥부	탐사위치	교각 P2 기둥부
Y(전달거리,cm)	X(전달시간, μ s)	Y(전달거리,cm)	X(전달시간, μ s)
10	24.3	10	25.9
20	43.4	20	49.7
30	71.5	30	78.7
40	99.8	40	104.2
50	124.5	50	127.1
초음파속도 Vi	3.88	초음파속도 Vi	3.89
			
탐사위치	교대 A2 구체	탐사위치	
Y(전달거리,cm)	X(전달시간, μ s)	Y(전달거리,cm)	X(전달시간, μ s)
10	23.8	10	
20	48.9	20	
30	80.7	30	
40	101.7	40	
50	126.8	50	
초음파속도 Vi	3.85	초음파속도 Vi	#VALUE!
			

울하교(부산) 초음파탐사1

탐사위치	바닥판하면 S1	탐사위치	바닥판하면 S2
Y(전달거리,cm)	X(전달시간, μ S)	Y(전달거리,cm)	X(전달시간, μ S)
10	23.4	10	22.7
20	52.2	20	50.6
30	79.5	30	72.8
40	106.4	40	100.1
50	120.4	50	123.7
초음파속도 Vi	3.98	초음파속도 Vi	3.97
			
탐사위치	바닥판하면 S3	탐사위치	교대 A1 구체
Y(전달거리,cm)	X(전달시간, μ S)	Y(전달거리,cm)	X(전달시간, μ S)
10	21.0	10	23.7
20	48.5	20	48.9
30	69.8	30	78.2
40	93.7	40	105.7
50	123.8	50	123.4
초음파속도 Vi	3.97	초음파속도 Vi	3.88
			

울하교(부산) 초음파탐사2

탐사위치	교각 P1 기둥부	탐사위치	교각 P2 기둥부
Y(전달거리,cm)	X(전달시간, μ s)	Y(전달거리,cm)	X(전달시간, μ s)
10	22.1	10	23.1
20	46.1	20	49.8
30	73.5	30	75.2
40	93.7	40	102.1
50	124.1	50	123.3
초음파속도 Vi	3.96	초음파속도 Vi	3.95
			
탐사위치	교대 A2 구체	탐사위치	
Y(전달거리,cm)	X(전달시간, μ s)	Y(전달거리,cm)	X(전달시간, μ s)
10	21.5	10	
20	49.7	20	
30	78.5	30	
40	100.4	40	
50	121.6	50	
초음파속도 Vi	3.96	초음파속도 Vi	#VALUE!
