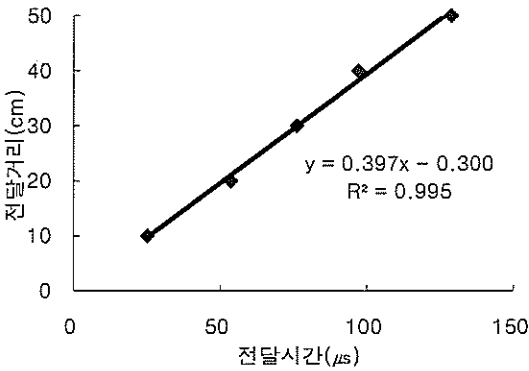
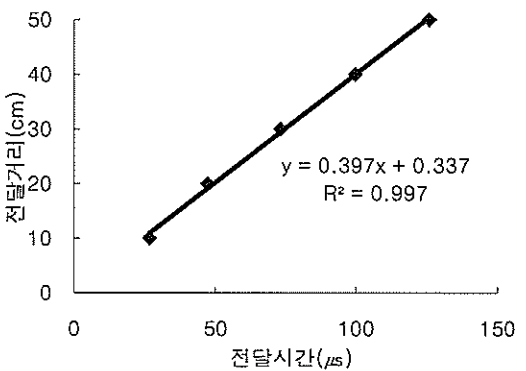
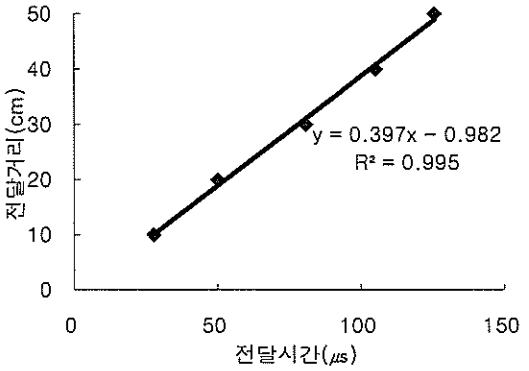
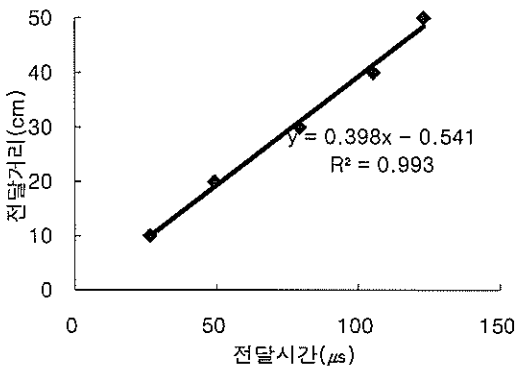
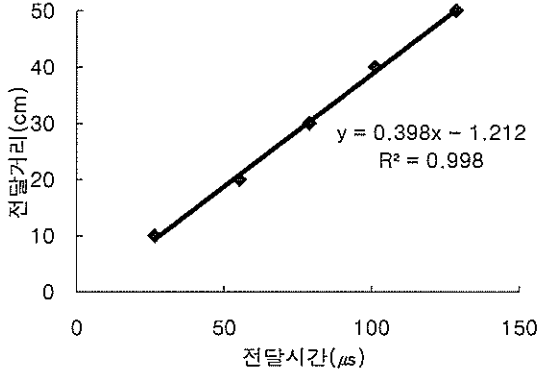
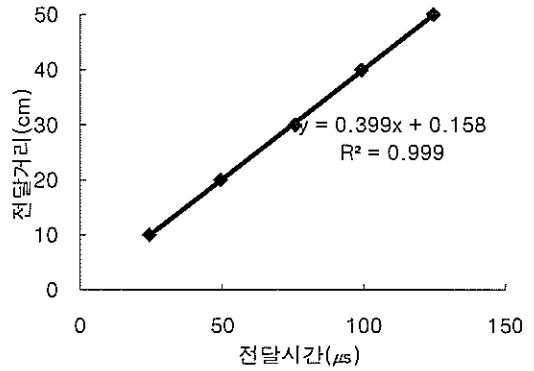
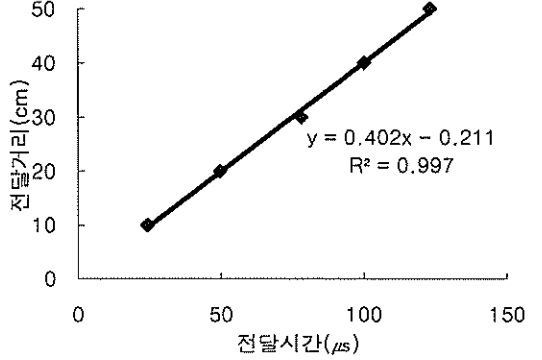
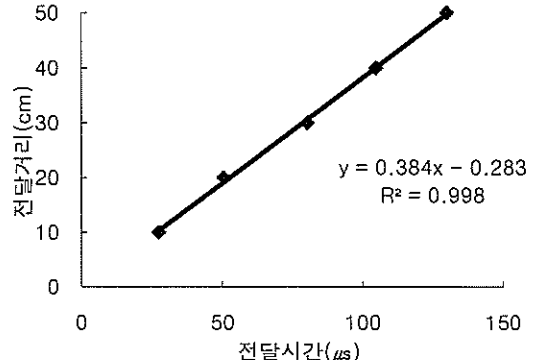


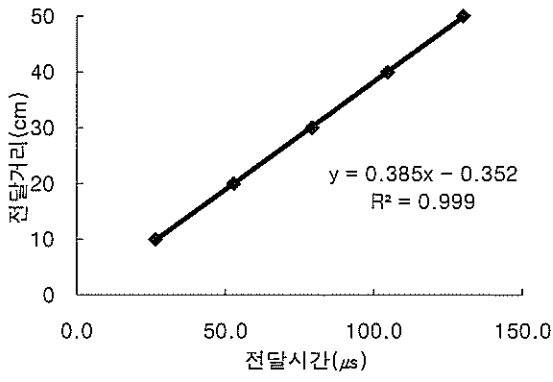
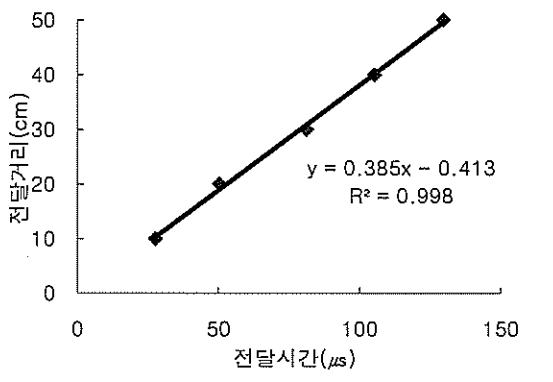
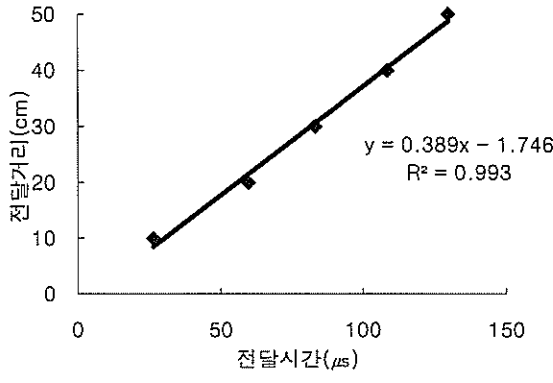
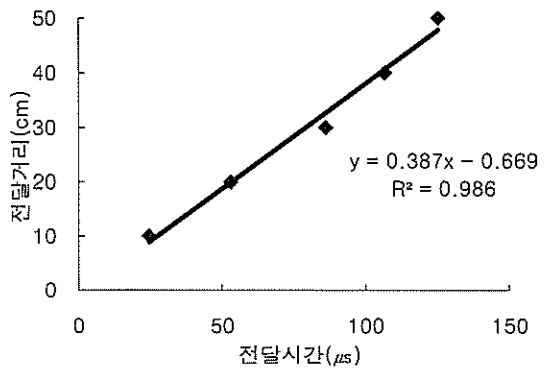
용계2교(대구) 초음파탐사1

탐사위치	바닥판하면 S1	탐사위치	바닥판하면 S2
Y(전달거리,cm)	X(전달시간, μ s)	Y(전달거리,cm)	X(전달시간, μ s)
10	25.3	10	26.7
20	53.8	20	47.3
30	76.1	30	73.2
40	97.2	40	99.8
50	128.8	50	125.9
초음파속도 Vi	3.97	초음파속도 Vi	3.98
			
탐사위치	바닥판하면 S3	탐사위치	바닥판하면 S4
Y(전달거리,cm)	X(전달시간, μ s)	Y(전달거리,cm)	X(전달시간, μ s)
10	27.9	10	26.4
20	50.2	20	49.3
30	80.8	30	79.4
40	105.2	40	105.4
50	125.7	50	123.2
초음파속도 Vi	3.97	초음파속도 Vi	3.98
			

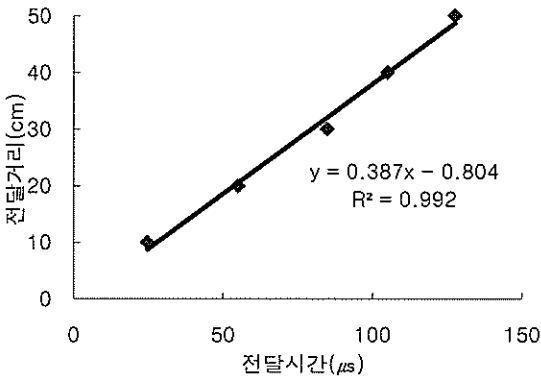
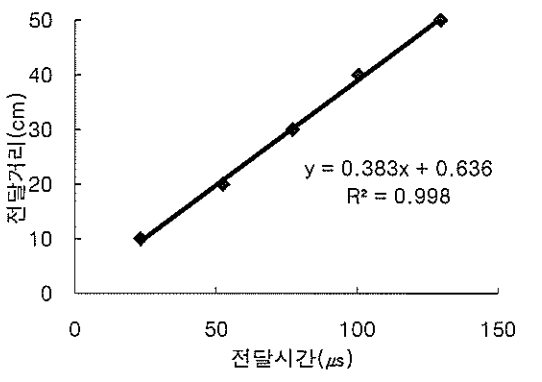
용계2교(대구) 초음파탐사2

탐사위치	바닥판하면 S5(A1)	탐사위치	바닥판하면 S5(A2)
Y(전달거리,cm)	X(전달시간, μ s)	Y(전달거리,cm)	X(전달시간, μ s)
10	26.6	10	24.4
20	55.4	20	49.4
30	79.1	30	75.6
40	101.4	40	99.2
50	128.7	50	124.5
초음파속도 Vi	3.99	초음파속도 Vi	4.00
			
탐사위치	바닥판하면 S6	탐사위치	교대 A1 구체
Y(전달거리,cm)	X(전달시간, μ s)	Y(전달거리,cm)	X(전달시간, μ s)
10	24.3	10	27.5
20	49.8	20	50.6
30	78.2	30	80.3
40	100.1	40	104.9
50	123.2	50	130.1
초음파속도 Vi	4.02	초음파속도 Vi	3.85
			

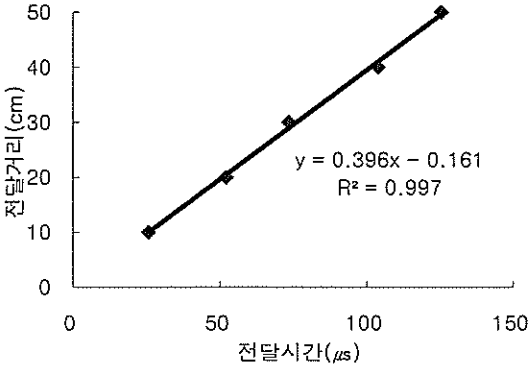
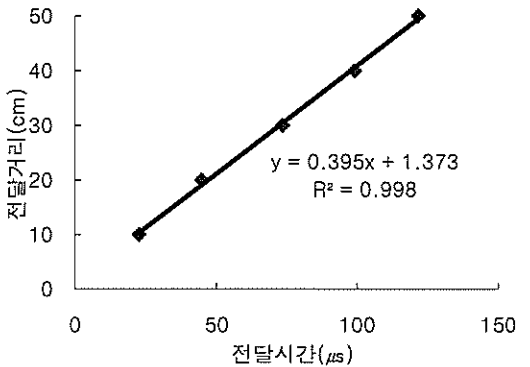
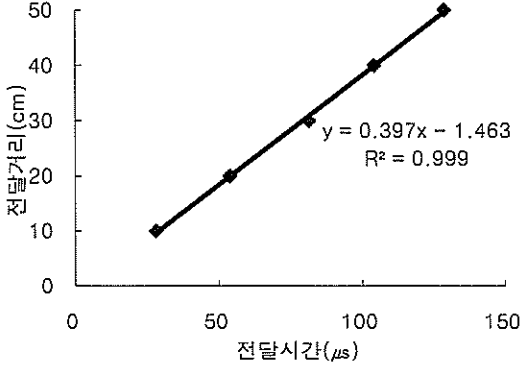
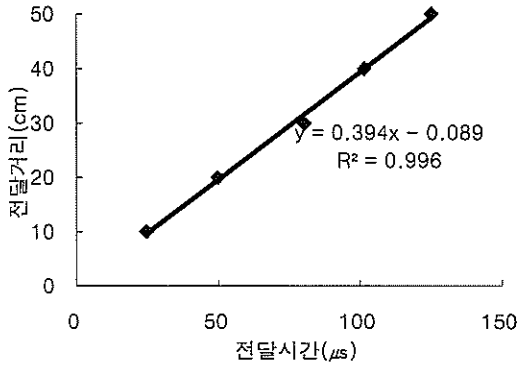
용계2교(대구) 초음파탐사3

탐사위치	교각 P1 기둥부	탐사위치	교각 P2 기둥부
Y(전달거리, cm)	X(전달시간, μ s)	Y(전달거리, cm)	X(전달시간, μ s)
10	26.5	10	27.8
20	52.8	20	50.4
30	79.2	30	81.2
40	104.8	40	105.3
50	130.1	50	129.8
초음파속도 Vi	3.86	초음파속도 Vi	3.85
			
탐사위치	교각 P3 기둥부	탐사위치	교각 P4 기둥부
Y(전달거리, cm)	X(전달시간, μ s)	Y(전달거리, cm)	X(전달시간, μ s)
10	26.5	10	24.7
20	59.8	20	53.1
30	83.2	30	86.1
40	108.6	40	106.7
50	129.7	50	125.2
초음파속도 Vi	3.89	초음파속도 Vi	3.87
			

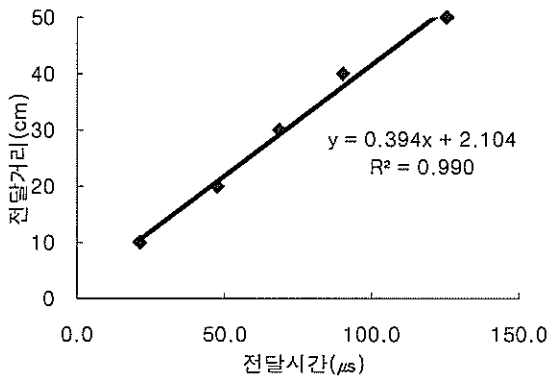
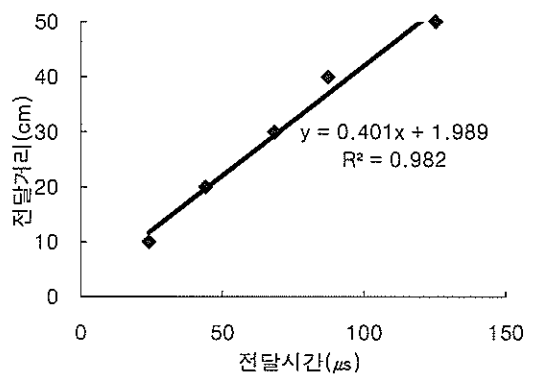
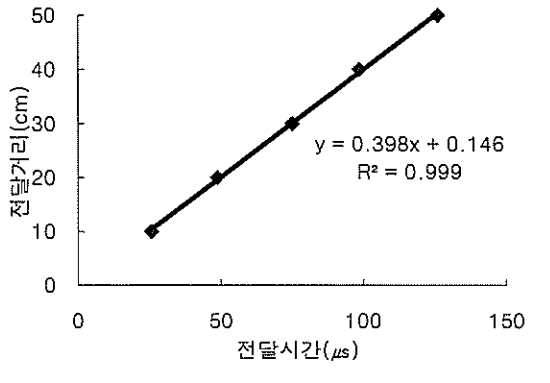
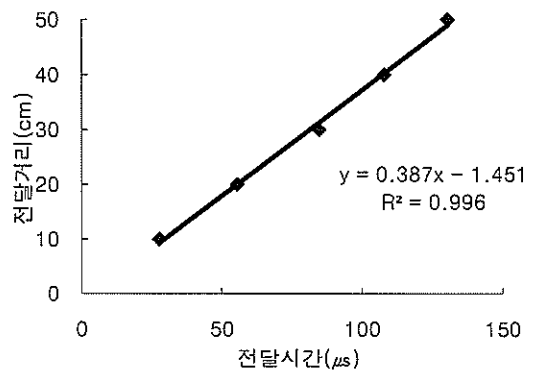
용계2교(대구) 초음파탐사4

탐사위치	교각 P5 기둥부	탐사위치	교대 A2 구체
Y(전달거리, cm)	X(전달시간, μs)	Y(전달거리, cm)	X(전달시간, μs)
10	24.7	10	23.3
20	55.1	20	52.5
30	84.8	30	77.1
40	105.1	40	100.4
50	127.7	50	129.5
초음파속도 Vi	3.88	초음파속도 Vi	3.84
			

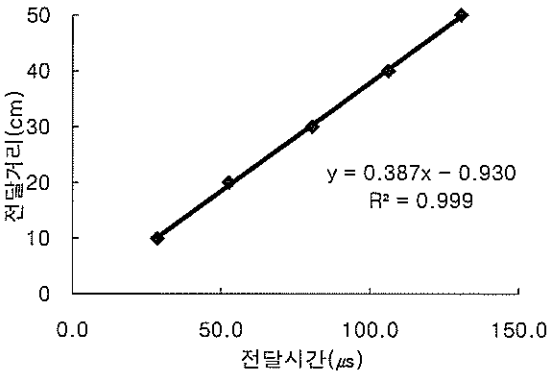
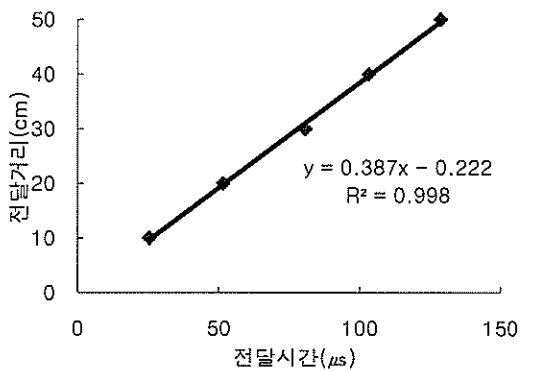
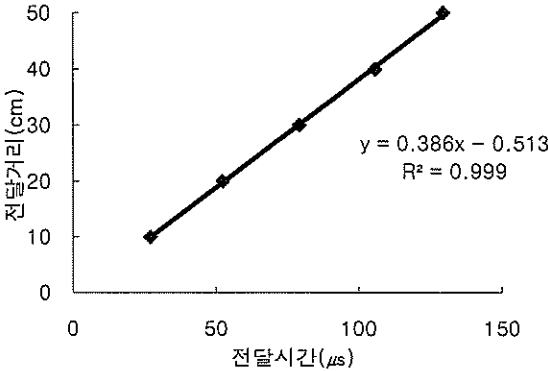
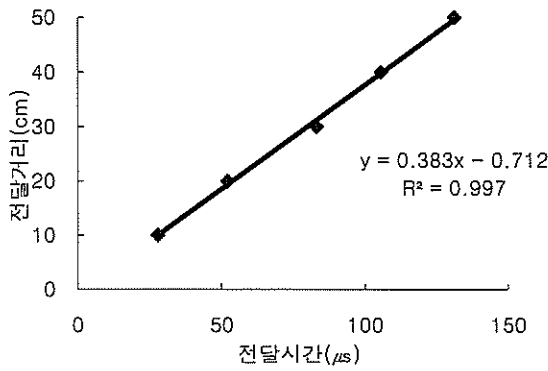
용계2교(부산) 초음파탐사1

탐사위치	바닥판하면 S1	탐사위치	바닥판하면 S2
Y(전달거리,cm)	X(전달시간, μ s)	Y(전달거리,cm)	X(전달시간, μ s)
10	25.6	10	22.7
20	52.1	20	44.8
30	73.4	30	73.5
40	104.0	40	99.2
50	125.5	50	121.7
초음파속도 Vi	3.96	초음파속도 Vi	3.96
			
탐사위치	바닥판하면 S3	탐사위치	바닥판하면 S4
Y(전달거리,cm)	X(전달시간, μ s)	Y(전달거리,cm)	X(전달시간, μ s)
10	28.1	10	24.7
20	53.8	20	49.8
30	81.4	30	80.4
40	104.2	40	101.7
50	128.7	50	125.2
초음파속도 Vi	3.97	초음파속도 Vi	3.94
			

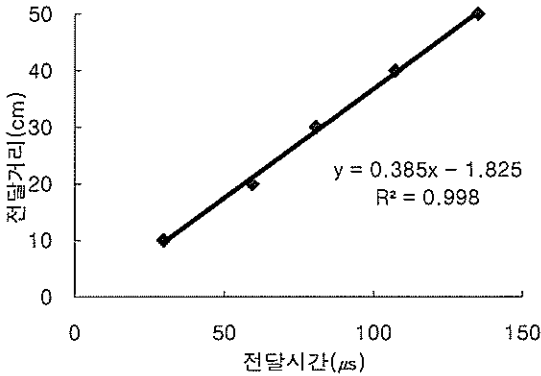
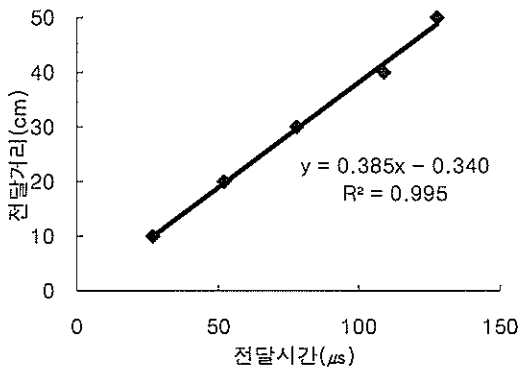
용계2교(부산) 초음파탐사2

탐사위치	바닥판하면 S5(A1)	탐사위치	바닥판하면 S5(A2)
Y(전달거리,cm)	X(전달시간, μ s)	Y(전달거리,cm)	X(전달시간, μ s)
10	21.4	10	24.2
20	47.6	20	44.2
30	68.7	30	68.4
40	90.4	40	87.2
50	125.6	50	125.2
초음파속도 Vi	3.94	초음파속도 Vi	4.01
			
탐사위치	바닥판하면 S6	탐사위치	교대 A1 구체
Y(전달거리,cm)	X(전달시간, μ s)	Y(전달거리,cm)	X(전달시간, μ s)
10	25.7	10	27.8
20	48.8	20	55.6
30	75.2	30	84.7
40	98.7	40	107.8
50	126.1	50	130.5
초음파속도 Vi	3.99	초음파속도 Vi	3.87
			

용계2교(부산) 초음파탐사3

탐사위치	교각 P1 기둥부	탐사위치	교각 P2 기둥부
Y(전달거리, cm)	X(전달시간, μs)	Y(전달거리, cm)	X(전달시간, μs)
10	28.6	10	25.6
20	52.7	20	51.7
30	80.6	30	80.8
40	106.3	40	103.2
50	130.7	50	128.7
초음파속도 Vi	3.88	초음파속도 Vi	3.87
			
탐사위치	교각 P3 기둥부	탐사위치	교각 P4 기둥부
Y(전달거리, cm)	X(전달시간, μs)	Y(전달거리, cm)	X(전달시간, μs)
10	27.1	10	27.9
20	52.5	20	52.2
30	79.3	30	83.2
40	105.9	40	105.6
50	129.6	50	131.2
초음파속도 Vi	3.87	초음파속도 Vi	3.84
			

용계2교(부산) 초음파탐사4

탐사위치	교각 P5 기둥부	탐사위치	교대 A2 구체
Y(전달거리, cm)	X(전달시간, μs)	Y(전달거리, cm)	X(전달시간, μs)
10	29.8	10	26.9
20	59.4	20	52.1
30	80.8	30	78.0
40	107.3	40	108.9
50	135.2	50	127.7
초음파속도 Vi	3.86	초음파속도 Vi	3.85
 Scatter plot for 교각 P5 기둥부. The y-axis is '전달거리(cm)' ranging from 0 to 50. The x-axis is '전달시간(μs)' ranging from 0 to 150. Five data points are plotted, showing a strong positive linear correlation. A regression line is fitted with the equation $y = 0.385x - 1.825$ and $R^2 = 0.998$.		 Scatter plot for 교대 A2 구체. The y-axis is '전달거리(cm)' ranging from 0 to 50. The x-axis is '전달시간(μs)' ranging from 0 to 150. Five data points are plotted, showing a strong positive linear correlation. A regression line is fitted with the equation $y = 0.385x - 0.340$ and $R^2 = 0.995$.	