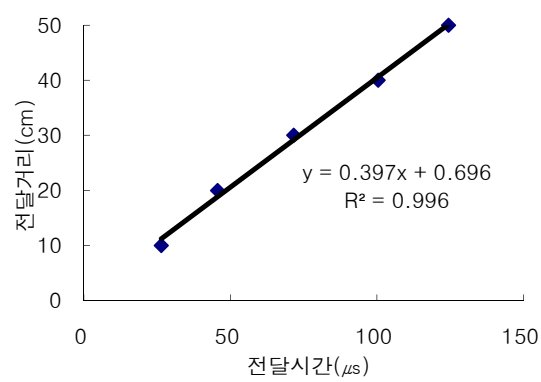
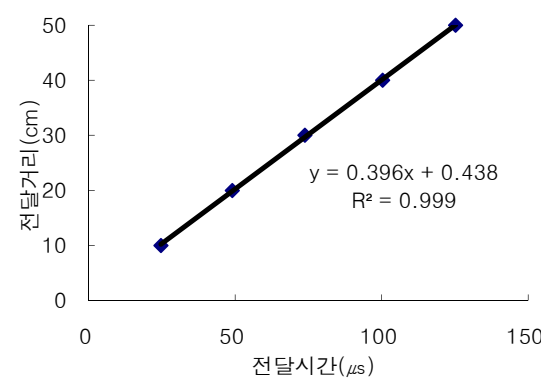


흥산1교(대구) 초음파탐사 1

탐사위치	S1 캔틸레버		
No.	1	No.	2
Y(전달거리,cm)	X(전달시간, μs)	Y(전달거리,cm)	X(전달시간, μs)
10	26.5	10	24.7
20	45.7	20	49.1
30	71.7	30	73.8
40	100.5	40	100.4
50	124.5	50	125.3
초음파속도 Vi	3.97	초음파속도 Vi	3.96



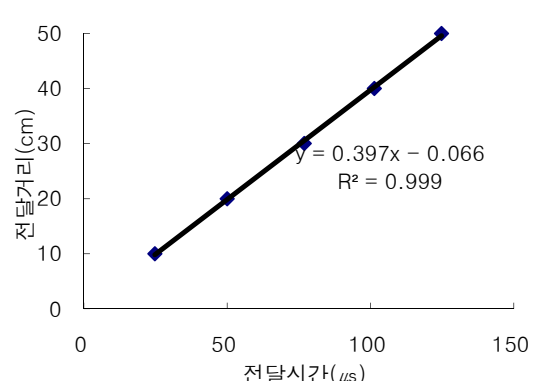
$y = 0.397x + 0.696$
 $R^2 = 0.996$



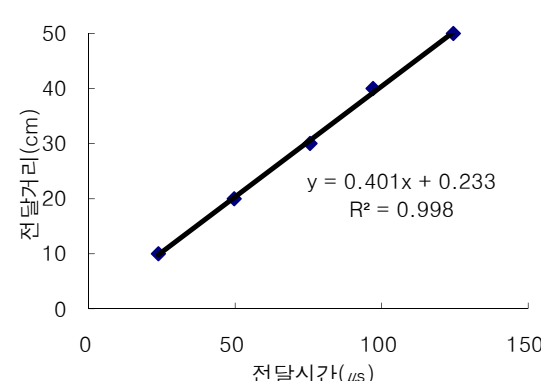
$y = 0.396x + 0.438$
 $R^2 = 0.999$

흥산1교(대구) 초음파탐사 2

탐사위치	S1 바닥판하면		
No.	1	No.	2
Y(전달거리,cm)	X(전달시간, μs)	Y(전달거리,cm)	X(전달시간, μs)
10	24.8	10	23.8
20	50.1	20	49.7
30	76.9	30	75.6
40	101.4	40	97.1
50	124.8	50	124.5
초음파속도 Vi	3.98	초음파속도 Vi	4.01



$y = 0.397x - 0.066$
 $R^2 = 0.999$



$y = 0.401x + 0.233$
 $R^2 = 0.998$

흥산1교(대구) 초음파탐사 3

탐사위치	S2 바닥판하면		
No.	1	No.	2
Y(전달거리,cm)	X(전달시간, μs)	Y(전달거리,cm)	X(전달시간, μs)
10	25.8	10	26.2
20	51.4	20	52.6
30	77.9	30	76.4
40	102.3	40	100.2
50	127.4	50	124.5
초음파속도 Vi	3.93	초음파속도 Vi	4.09

$y = 0.393x - 0.281$
 $R^2 = 0.999$

$y = 0.409x - 1.101$
 $R^2 = 0.999$

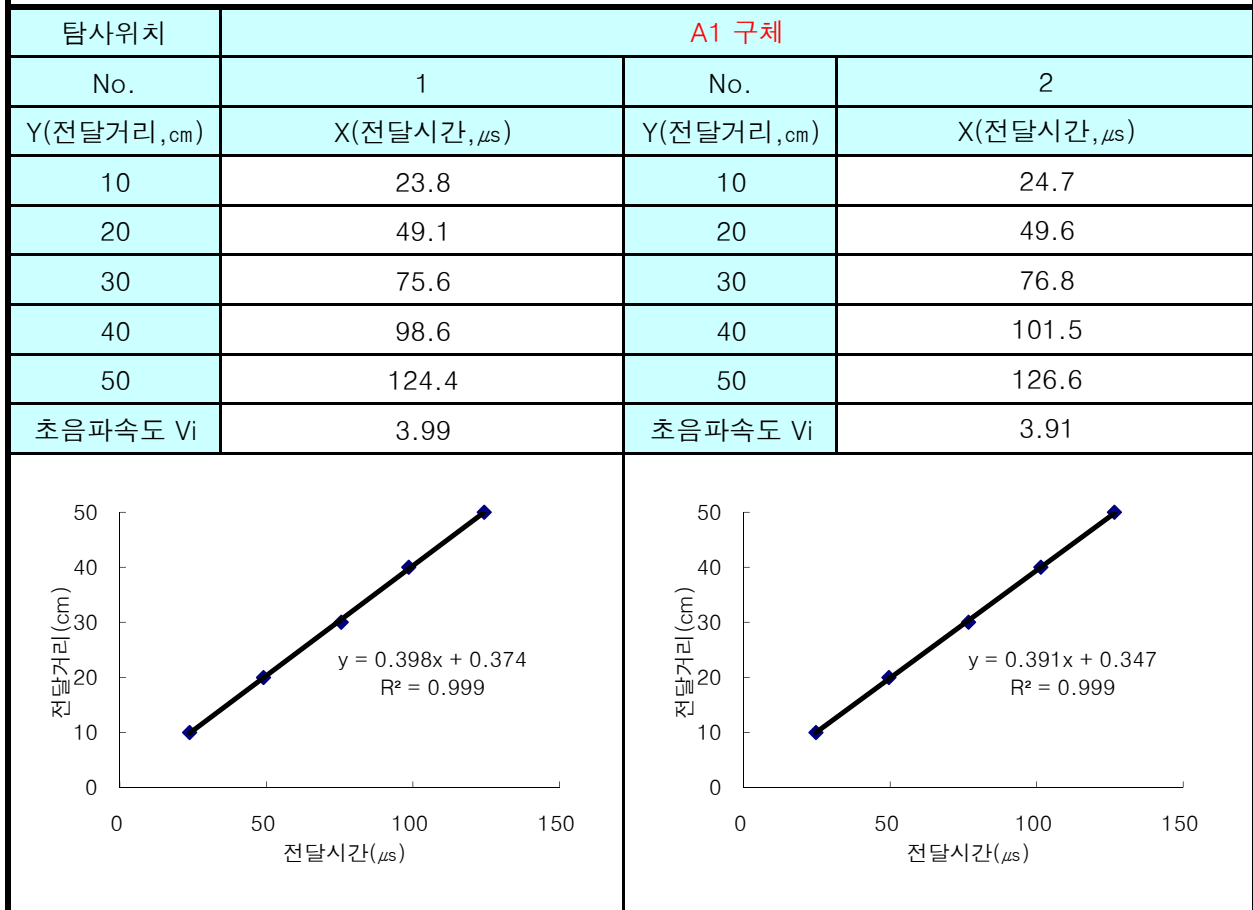
흥산1교(대구) 초음파탐사 4

탐사위치	S3 캔틸레버		
No.	1	No.	2
Y(전달거리,cm)	X(전달시간, μs)	Y(전달거리,cm)	X(전달시간, μs)
10	26.9	10	25.1
20	53.0	20	48.7
30	78.1	30	73.6
40	102.5	40	101.1
50	124.3	50	125.4
초음파속도 Vi	4.09	초음파속도 Vi	3.95

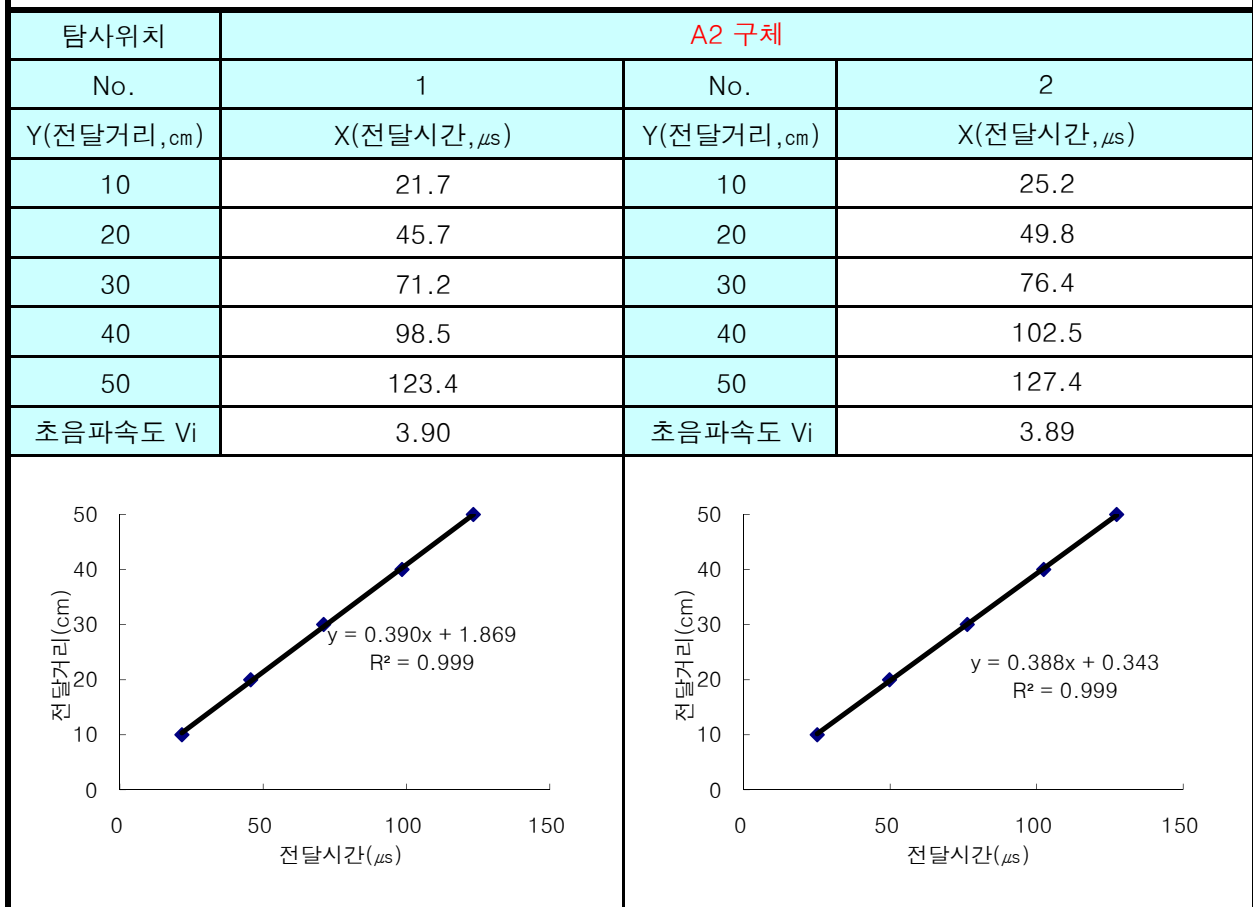
$y = 0.408x - 1.468$
 $R^2 = 0.998$

$y = 0.395x + 0.460$
 $R^2 = 0.999$

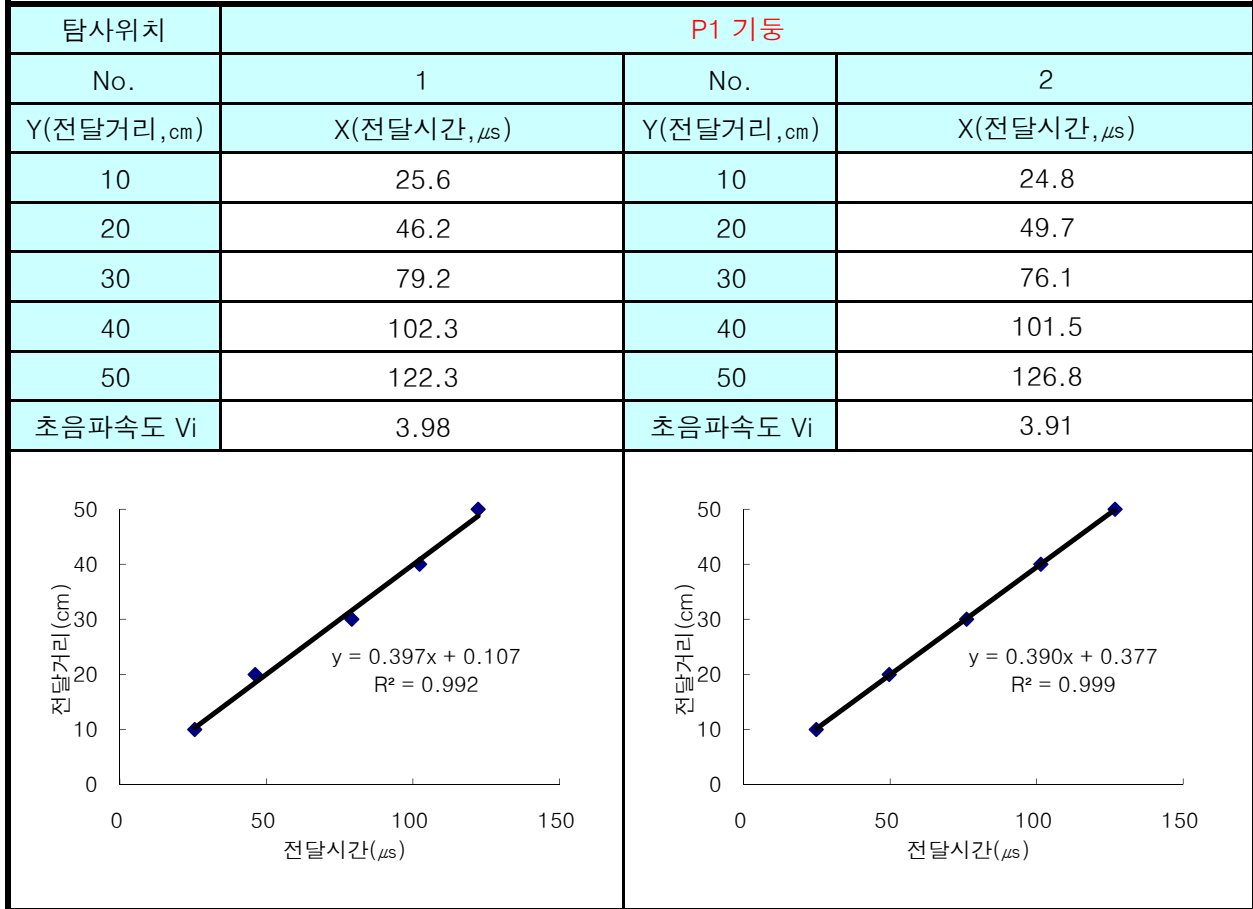
흥산1교(대구) 초음파탐사 1



흥산1교(대구) 초음파탐사 2



흥산1교(대구) 초음파탐사 3



흥산1교(대구) 초음파탐사 4

