

청도1교(대구) 초음파탐사 1

탐사위치	S1 캔틸레버		
No.	1	No.	2
Y(전달거리,cm)	X(전달시간, μ s)	Y(전달거리,cm)	X(전달시간, μ s)
10	26.5	10	25.8
20	55.7	20	49.6
30	81.7	30	76.8
40	100.5	40	102.5
50	124.5	50	126.0
초음파속도 Vi	4.13	초음파속도 Vi	3.95

$y = 0.412x - 2.117$
 $R^2 = 0.994$

$y = 0.394x - 0.041$
 $R^2 = 0.999$

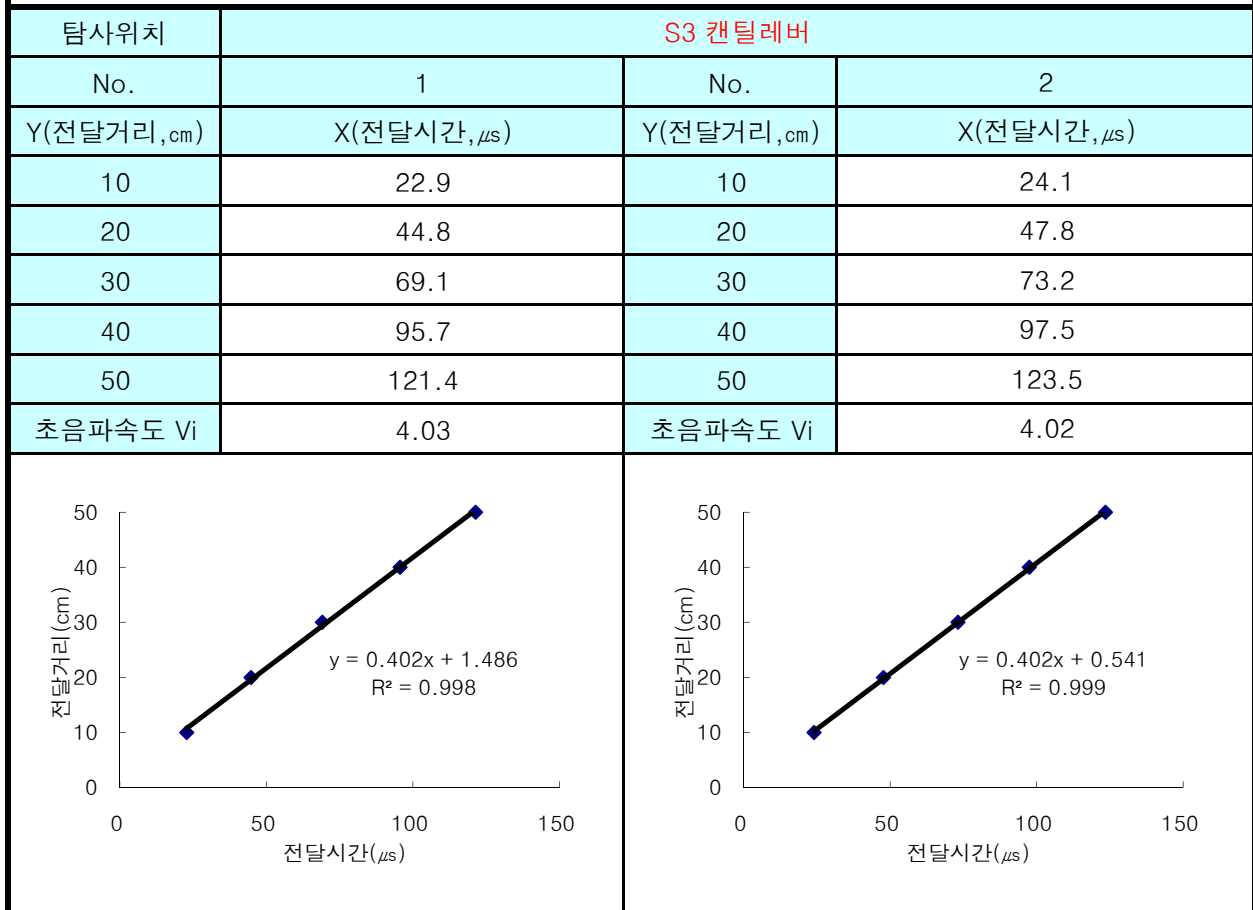
청도1교(대구) 초음파탐사 2

탐사위치	S2 캔틸레버		
No.	1	No.	2
Y(전달거리,cm)	X(전달시간, μ s)	Y(전달거리,cm)	X(전달시간, μ s)
10	24.9	10	23.8
20	49.1	20	46.2
30	75.6	30	73.1
40	101.3	40	99.8
50	124.5	50	122.6
초음파속도 Vi	3.98	초음파속도 Vi	3.98

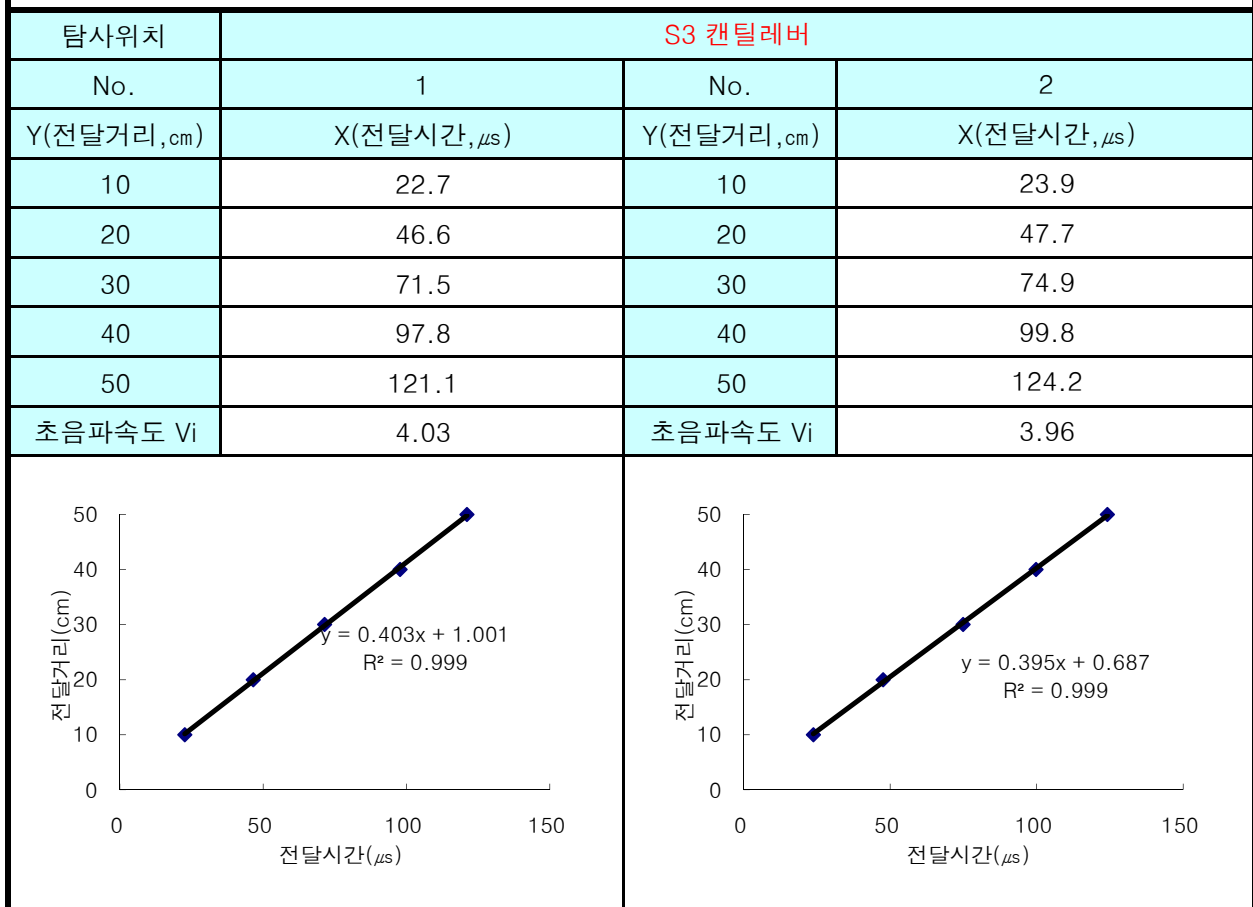
$y = 0.397x + 0.148$
 $R^2 = 0.999$

$y = 0.397x + 0.932$
 $R^2 = 0.998$

청도1교(대구) 초음파탐사 3



청도1교(대구) 초음파탐사 4



청도1교(대구) 초음파탐사 5

탐사위치	S4 캔틸레버		
No.	1	No.	2
Y(전달거리,cm)	X(전달시간, μs)	Y(전달거리,cm)	X(전달시간, μs)
10	22.6	10	24.6
20	46.8	20	48.9
30	73.4	30	75.1
40	96.1	40	99.5
50	123.1	50	125.4
초음파속도 Vi	3.99	초음파속도 Vi	3.96

$y = 0.399x + 1.091$
 $R^2 = 0.999$

$y = 0.396x + 0.384$
 $R^2 = 0.999$

청도1교(대구) 초음파탐사 6

탐사위치	S5 캔틸레버		
No.	1	No.	2
Y(전달거리,cm)	X(전달시간, μs)	Y(전달거리,cm)	X(전달시간, μs)
10	21.8	10	23.2
20	48.5	20	48.9
30	73.1	30	74.6
40	96.8	40	100.5
50	123.4	50	123.5
초음파속도 Vi	3.97	초음파속도 Vi	3.96

$y = 0.397x + 1.097$
 $R^2 = 0.999$

$y = 0.396x + 0.616$
 $R^2 = 0.999$

청도1교(대구) 초음파탐사 7

탐사위치	S6 캔틸레버		
No.	1	No.	2
Y(전달거리,cm)	X(전달시간, μs)	Y(전달거리,cm)	X(전달시간, μs)
10	26.4	10	25.6
20	51.5	20	50.1
30	78.4	30	75.9
40	101.1	40	99.8
50	124.1	50	123.2
초음파속도 Vi	4.08	초음파속도 Vi	4.08

$y = 0.407x - 1.107$
 $R^2 = 0.998$

$y = 0.408x - 0.582$
 $R^2 = 0.999$

청도1교(대구) 초음파탐사 8

탐사위치	S6 캔틸레버		
No.	1	No.	2
Y(전달거리,cm)	X(전달시간, μs)	Y(전달거리,cm)	X(전달시간, μs)
10	23.3	10	23.7
20	48.8	20	48.9
30	73.3	30	74.1
40	99.4	40	100.5
50	122.5	50	124.1
초음파속도 Vi	4.01	초음파속도 Vi	3.96

$y = 0.401x + 0.506$
 $R^2 = 0.999$

$y = 0.396x + 0.585$
 $R^2 = 0.999$

청도1교(대구) 초음파탐사 9

탐사위치	S7 캔틸레버		
No.	1	No.	2
Y(전달거리,cm)	X(전달시간, μs)	Y(전달거리,cm)	X(전달시간, μs)
10	25.4	10	24.8
20	54.1	20	53.1
30	78.5	30	76.9
40	102.1	40	101.8
50	125.0	50	124.5
초음파속도 Vi	4.04	초음파속도 Vi	4.02

$y = 0.403x - 1.093$
 $R^2 = 0.998$

$y = 0.402x - 0.676$
 $R^2 = 0.998$

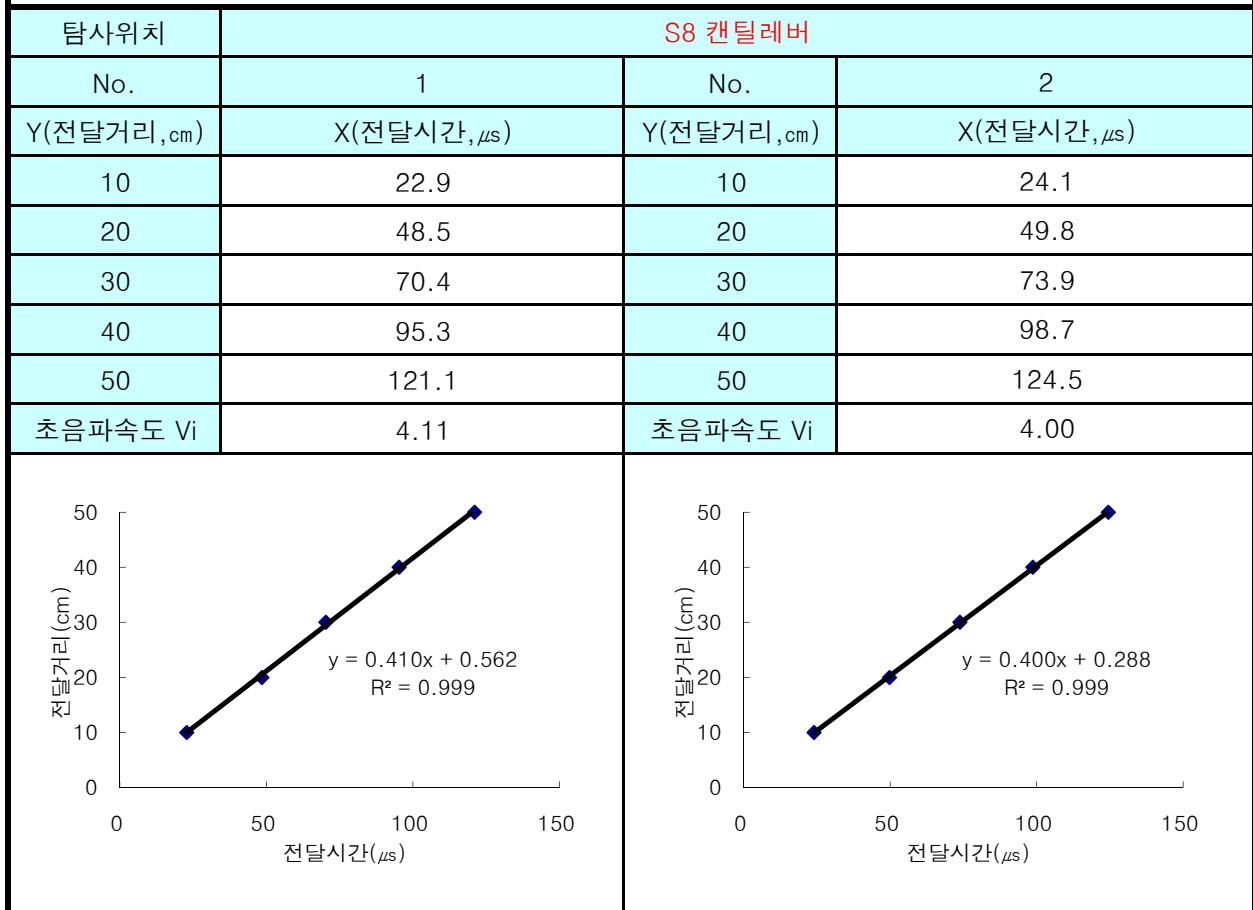
청도1교(대구) 초음파탐사 10

탐사위치	S8 캔틸레버		
No.	1	No.	2
Y(전달거리,cm)	X(전달시간, μs)	Y(전달거리,cm)	X(전달시간, μs)
10	20.8	10	22.9
20	42.4	20	46.3
30	70.1	30	73.5
40	92.2	40	96.9
50	119.2	50	121.9
초음파속도 Vi	4.05	초음파속도 Vi	4.02

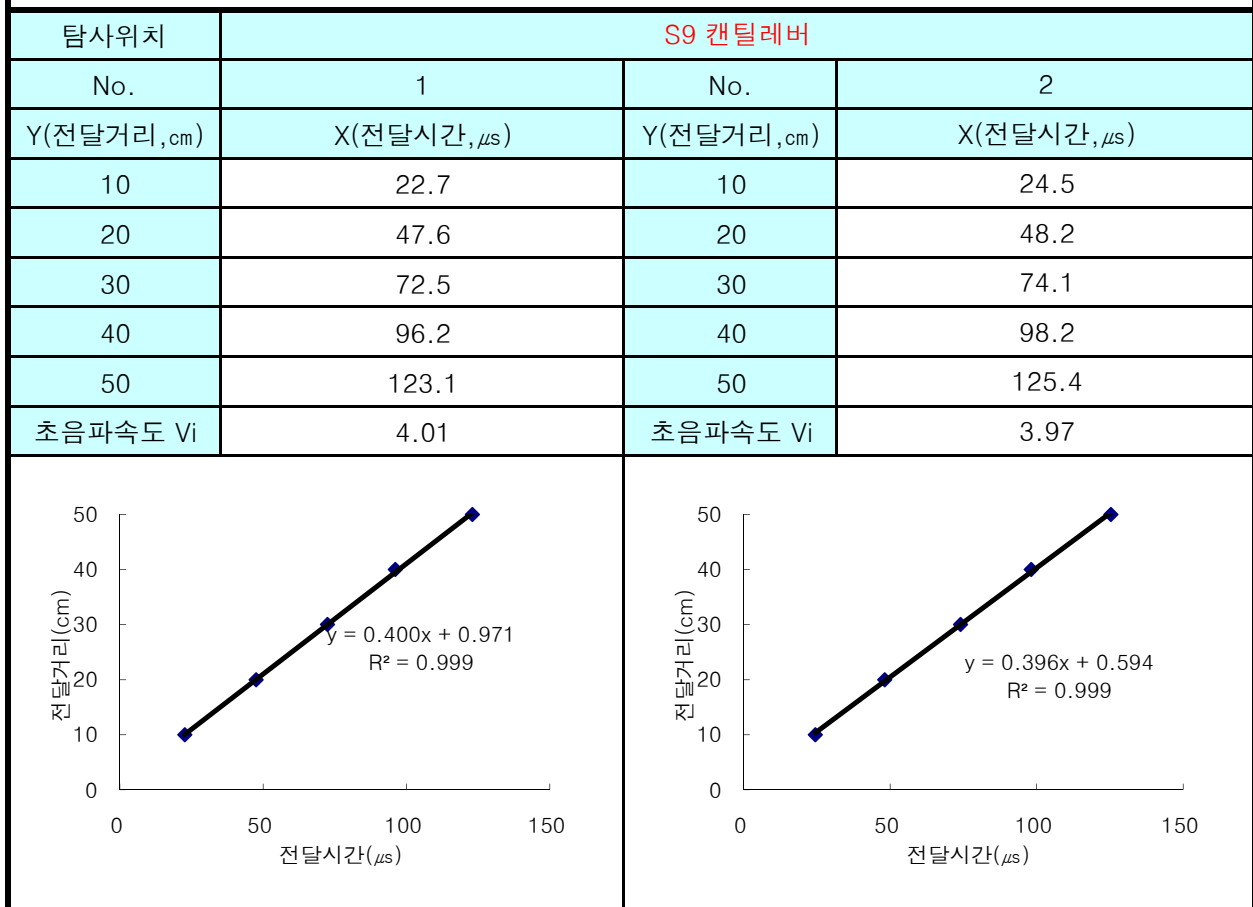
$y = 0.404x + 2.085$
 $R^2 = 0.998$

$y = 0.402x + 0.930$
 $R^2 = 0.999$

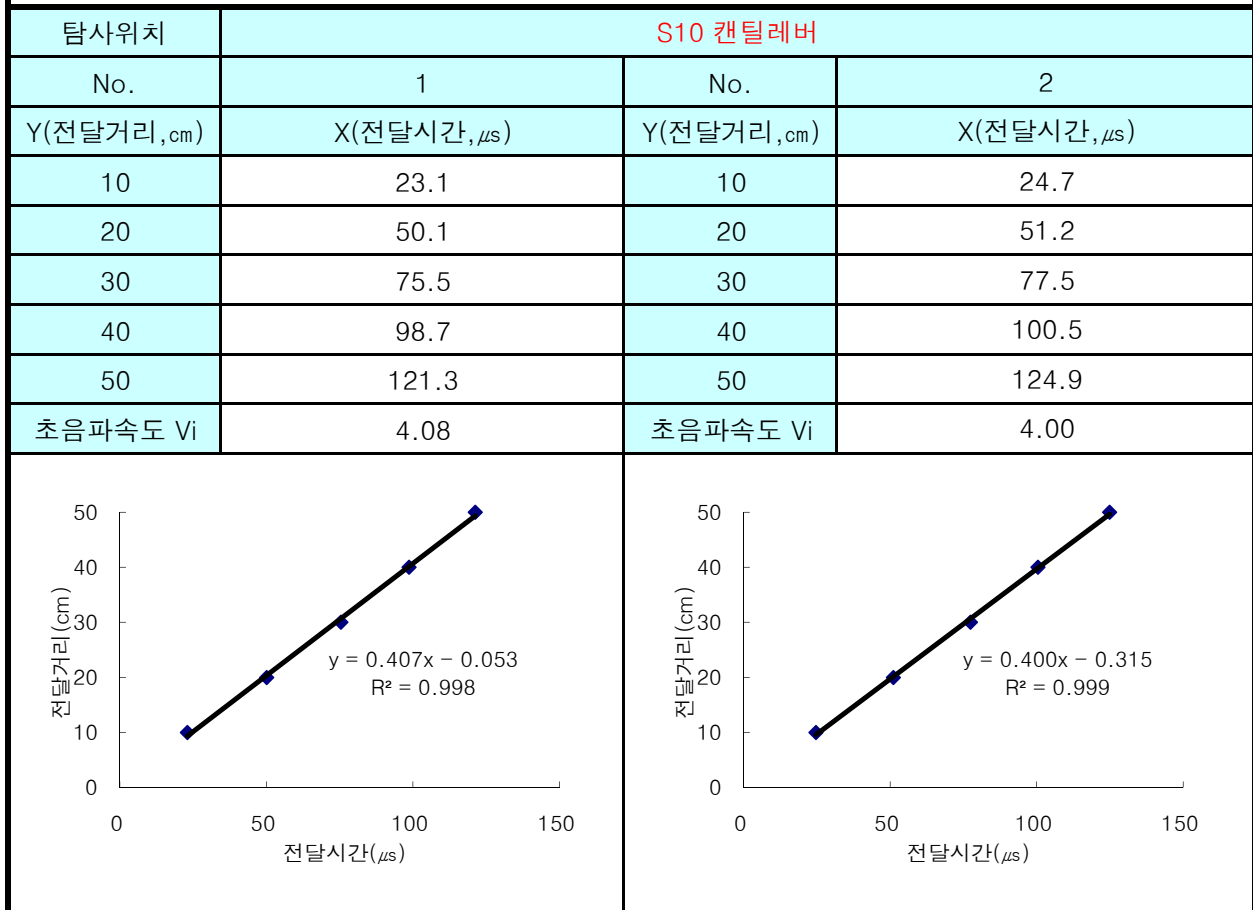
청도1교(대구) 초음파탐사 11



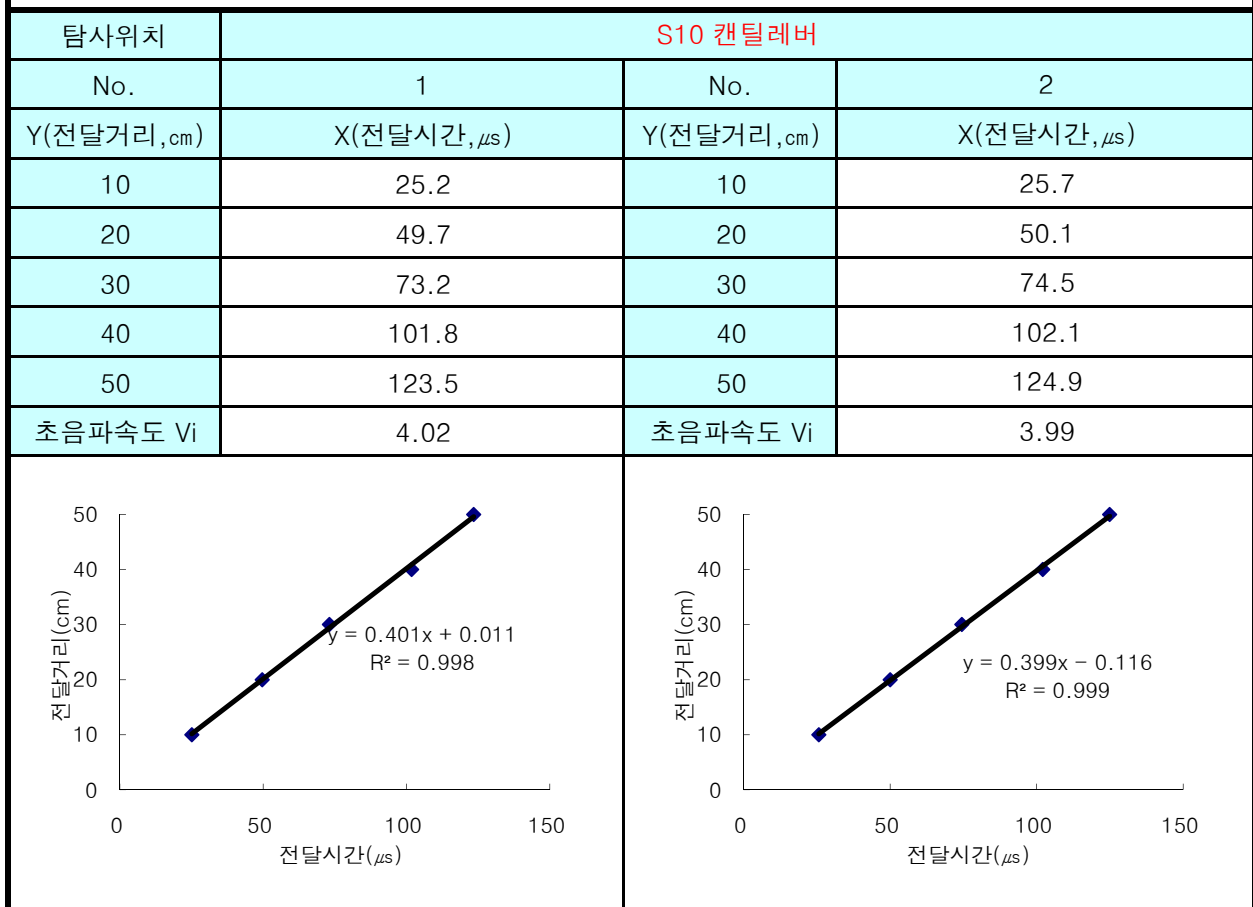
청도1교(대구) 초음파탐사 12



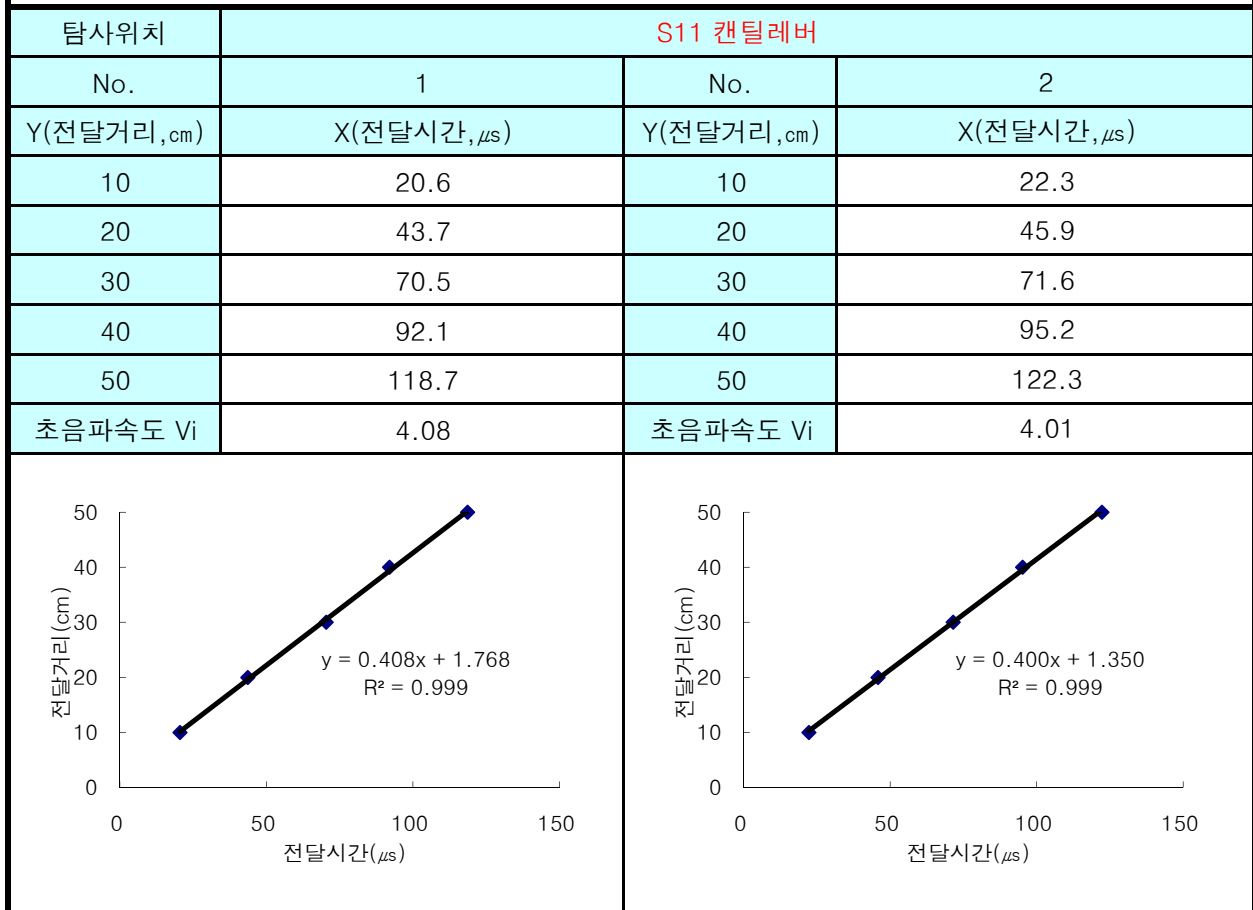
청도1교(대구) 초음파탐사 13



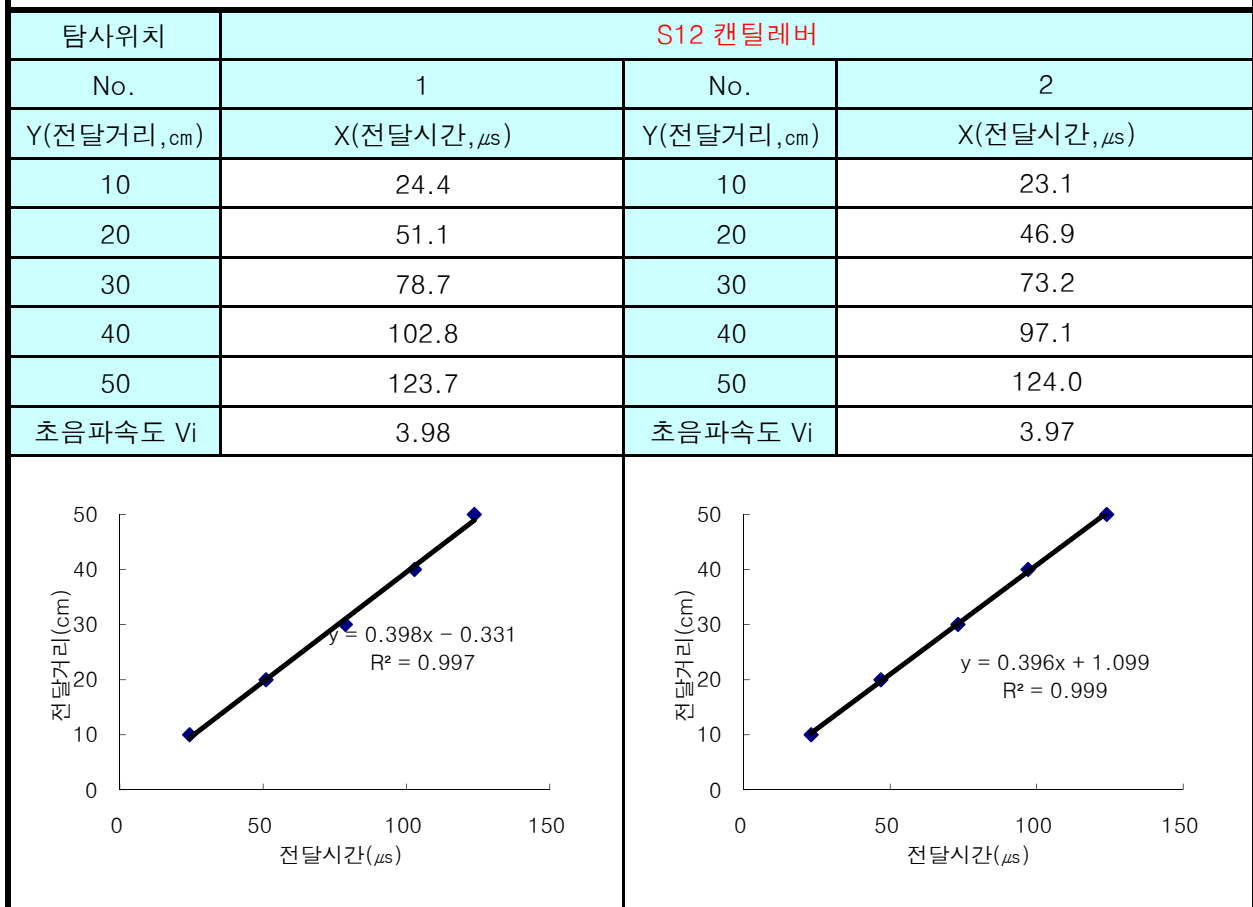
청도1교(대구) 초음파탐사 14



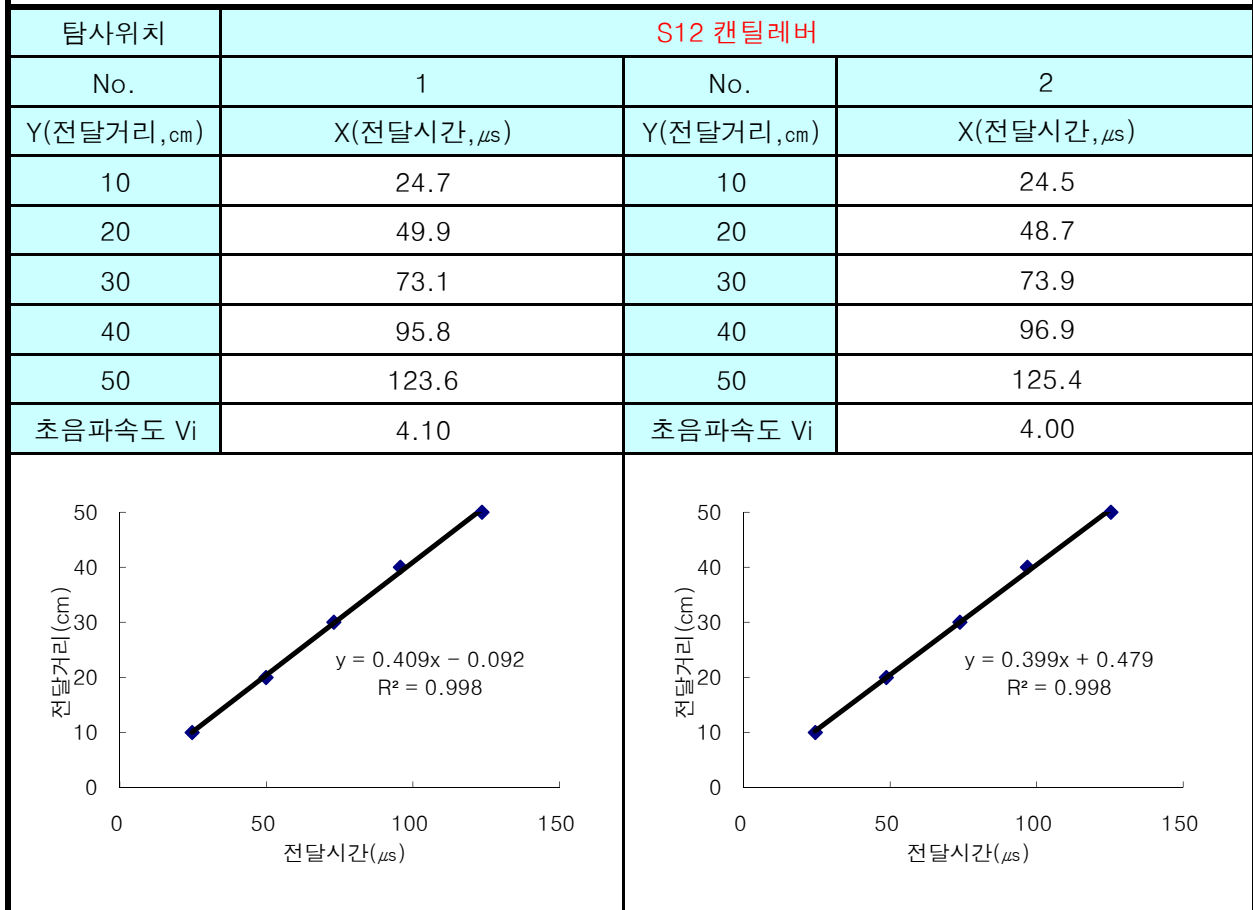
청도1교(대구) 초음파탐사 15



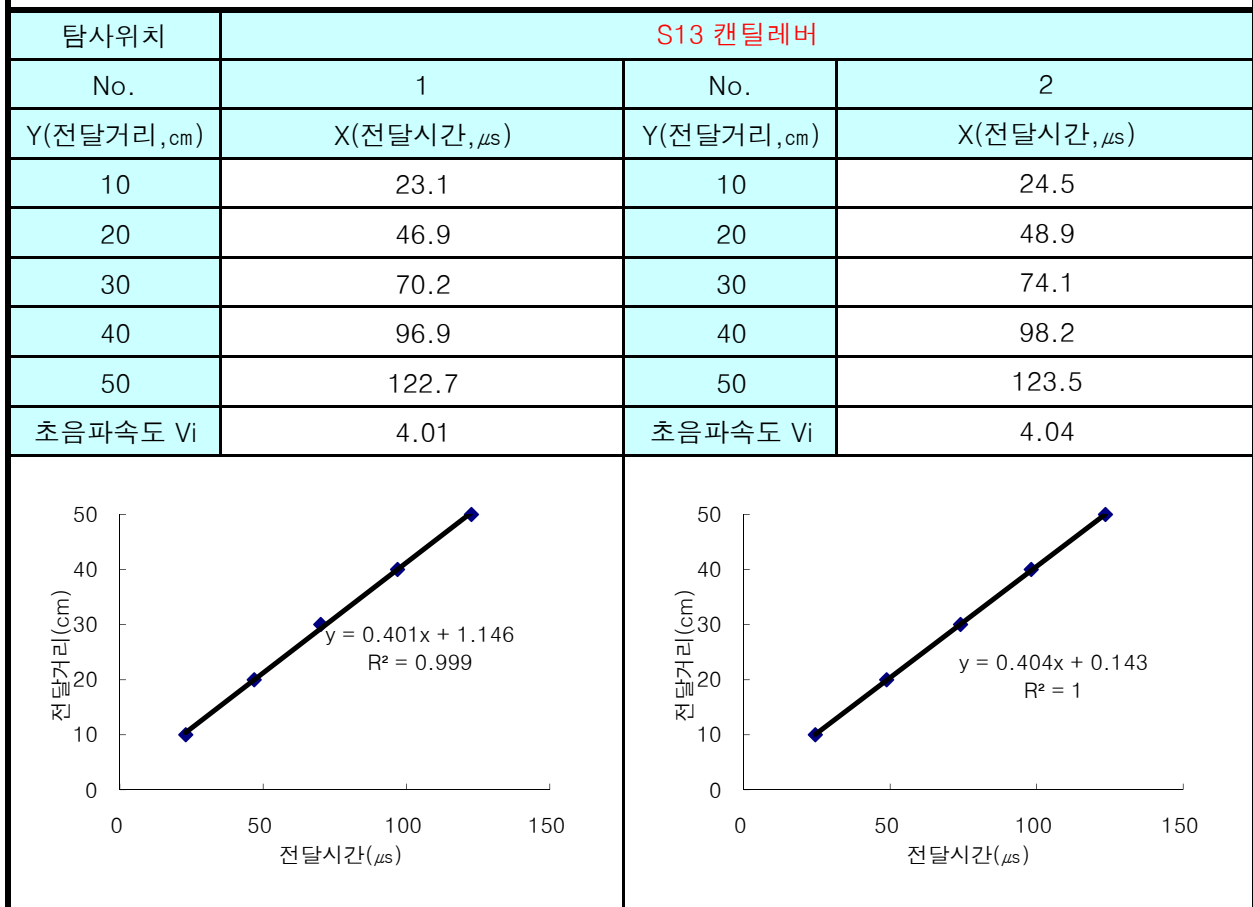
청도1교(대구) 초음파탐사 16



청도1교(대구) 초음파탐사 17



청도1교(대구) 초음파탐사 18



청도1교(대구) 초음파탐사 19

탐사위치	S14 캔틸레버		
No.	1	No.	2
Y(전달거리,cm)	X(전달시간, μ s)	Y(전달거리,cm)	X(전달시간, μ s)
10	25.7	10	25.2
20	48.6	20	48.1
30	72.3	30	71.4
40	97.1	40	95.9
50	124.8	50	123.9
초음파속도 Vi	4.05	초음파속도 Vi	4.07

$y = 0.404x + 0.168$
 $R^2 = 0.998$

$y = 0.407x + 0.319$
 $R^2 = 0.998$

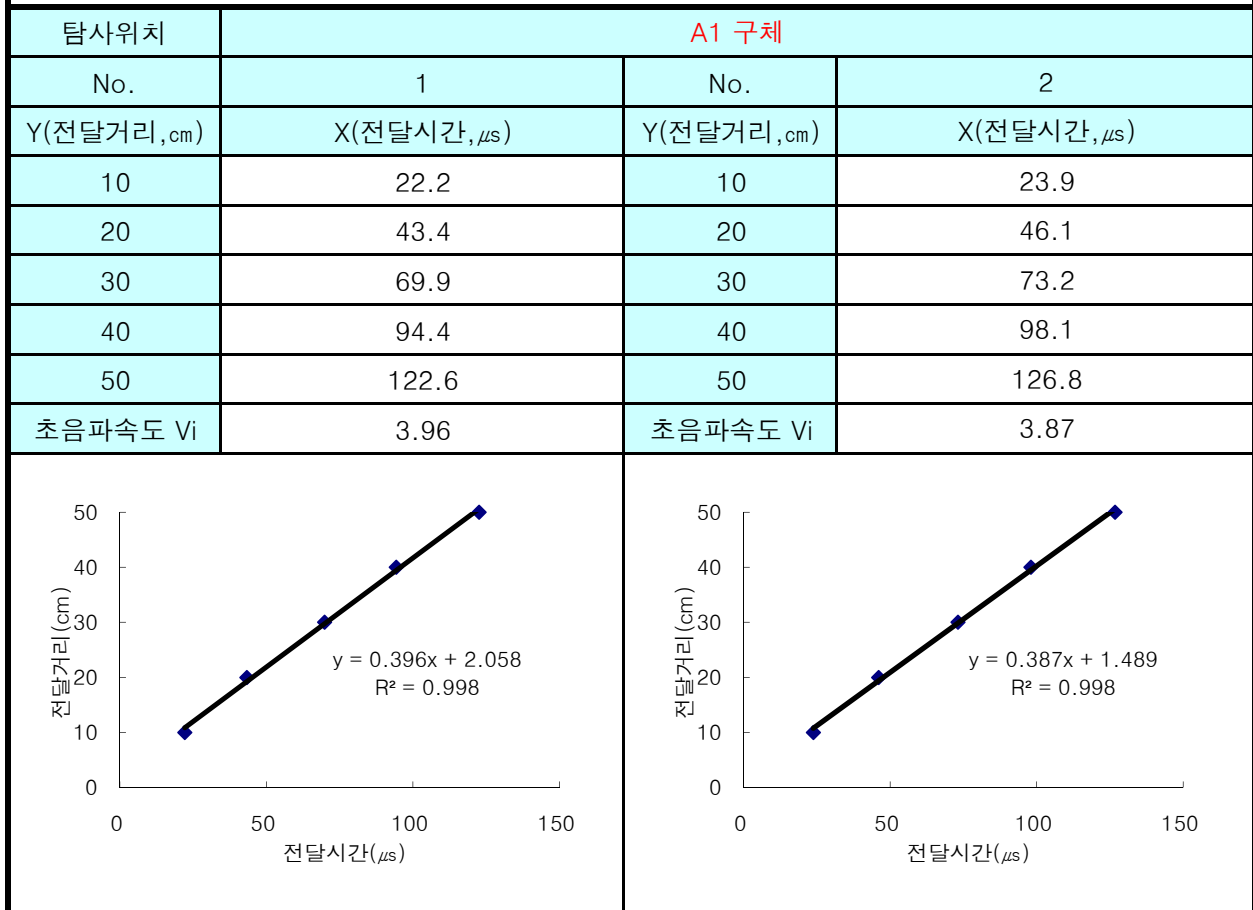
청도1교(대구) 초음파탐사 20

탐사위치	S15 캔틸레버		
No.	1	No.	2
Y(전달거리,cm)	X(전달시간, μ s)	Y(전달거리,cm)	X(전달시간, μ s)
10	26.1	10	24.9
20	53.1	20	49.9
30	77.9	30	74.6
40	103.8	40	101.2
50	126.6	50	124.8
초음파속도 Vi	3.97	초음파속도 Vi	3.98

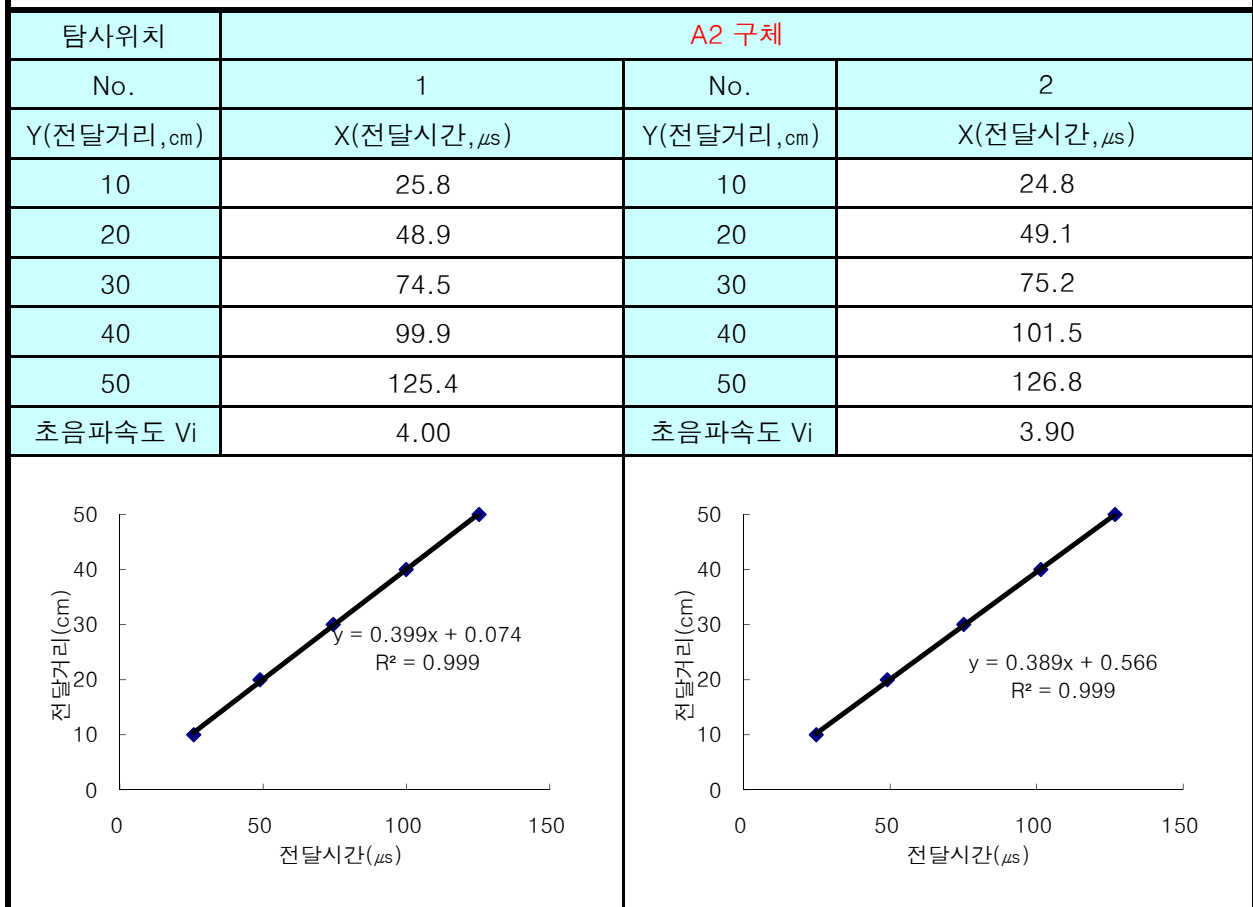
$y = 0.397x - 0.767$
 $R^2 = 0.999$

$y = 0.398x + 0.106$
 $R^2 = 0.999$

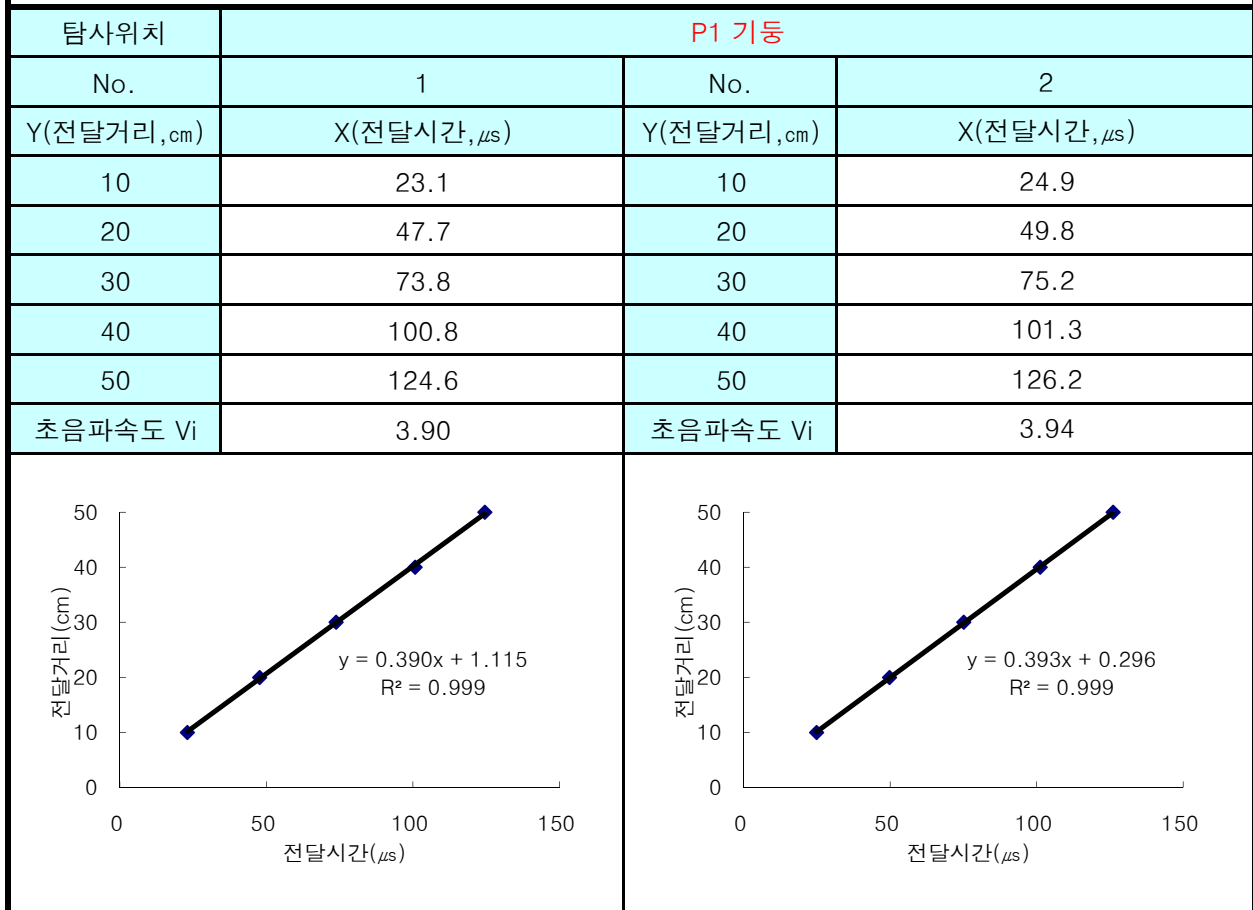
청도1교(대구) 초음파탐사 1



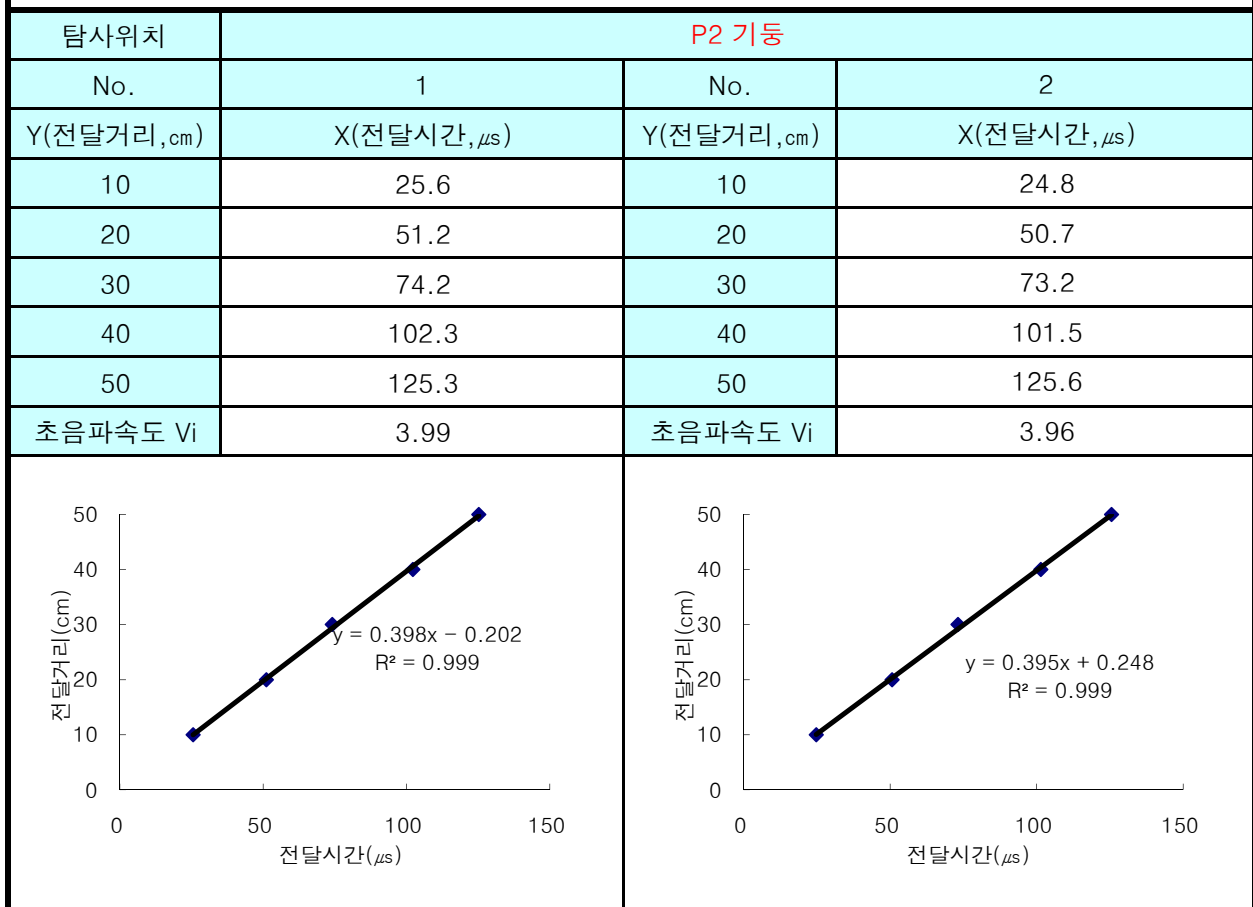
청도1교(대구) 초음파탐사 2



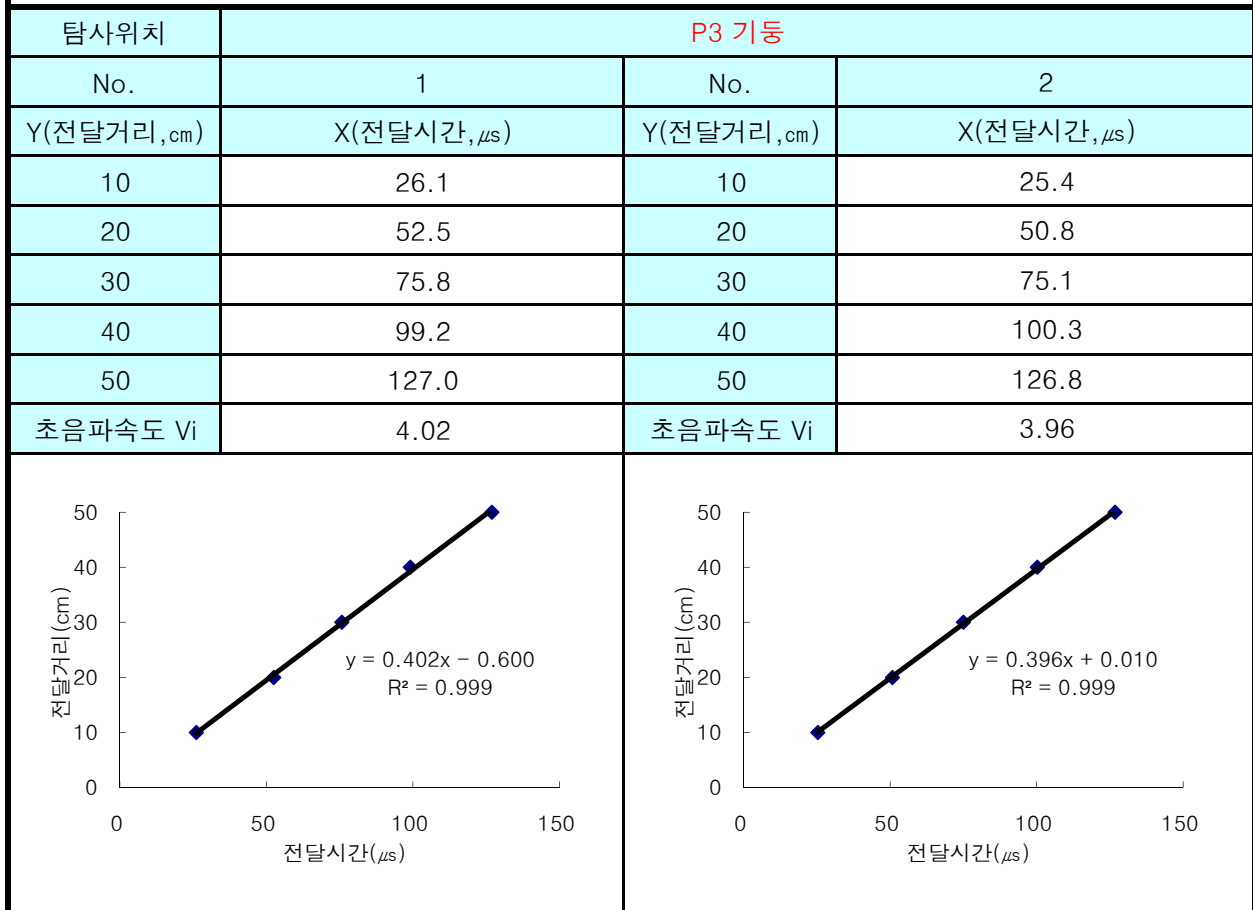
청도1교(대구) 초음파탐사 3



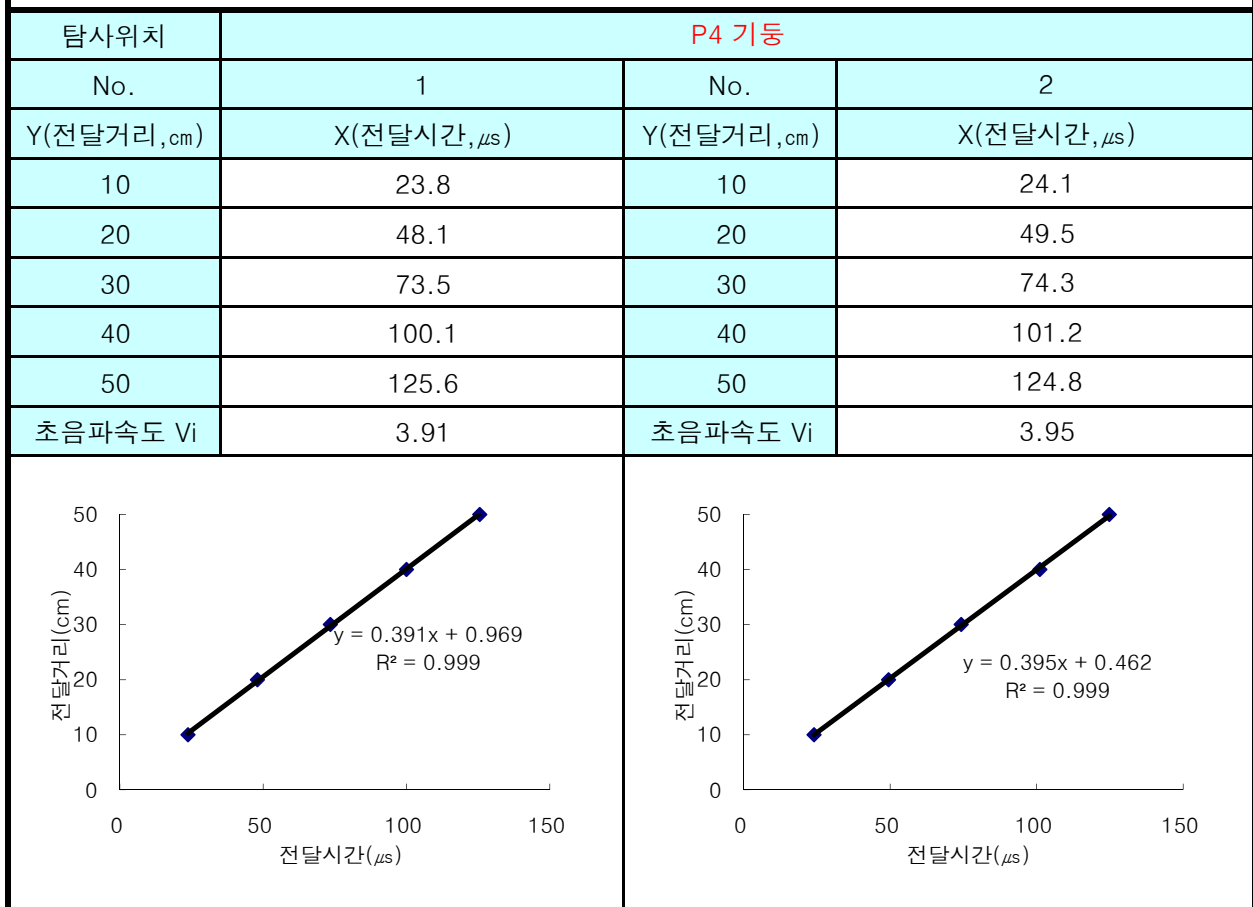
청도1교(대구) 초음파탐사 4



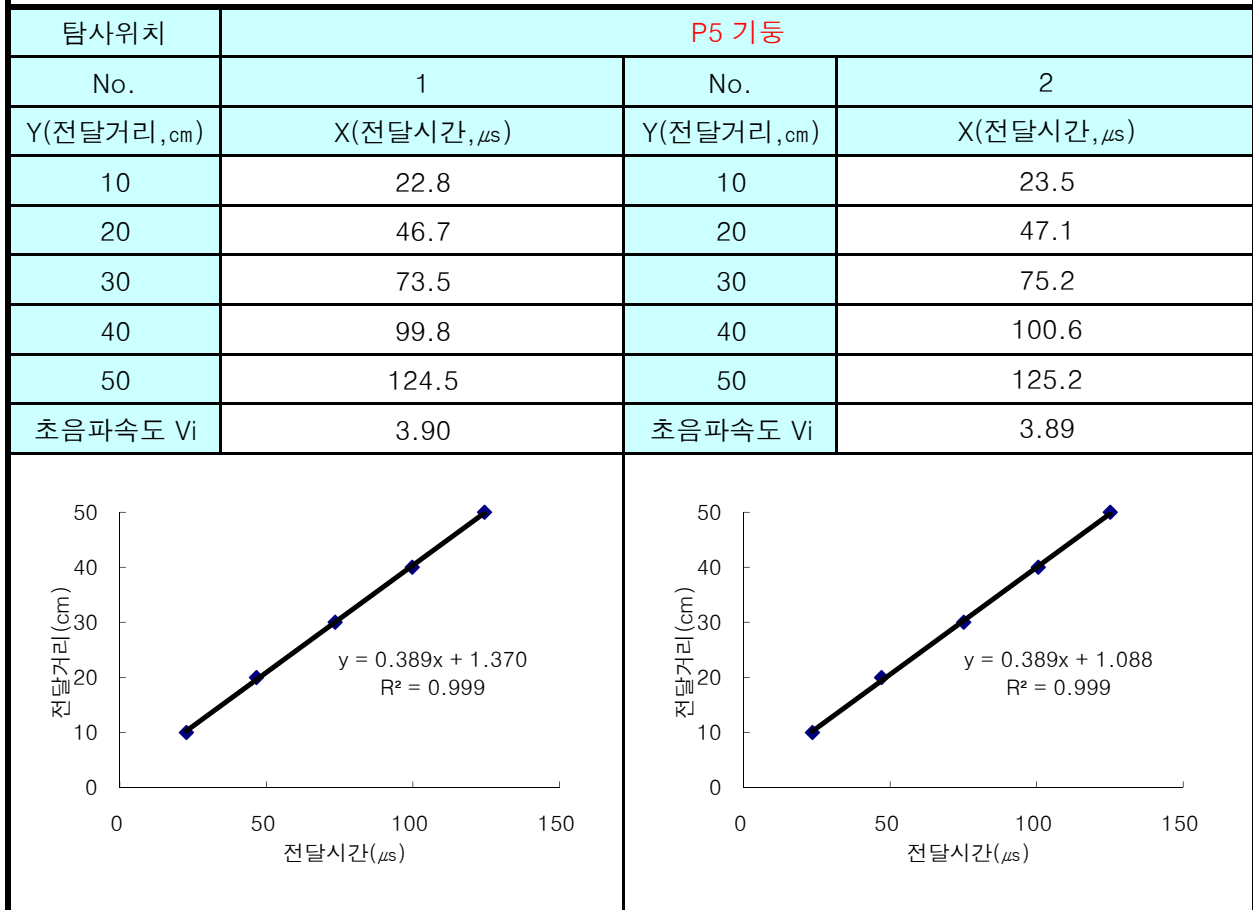
청도1교(대구) 초음파탐사 5



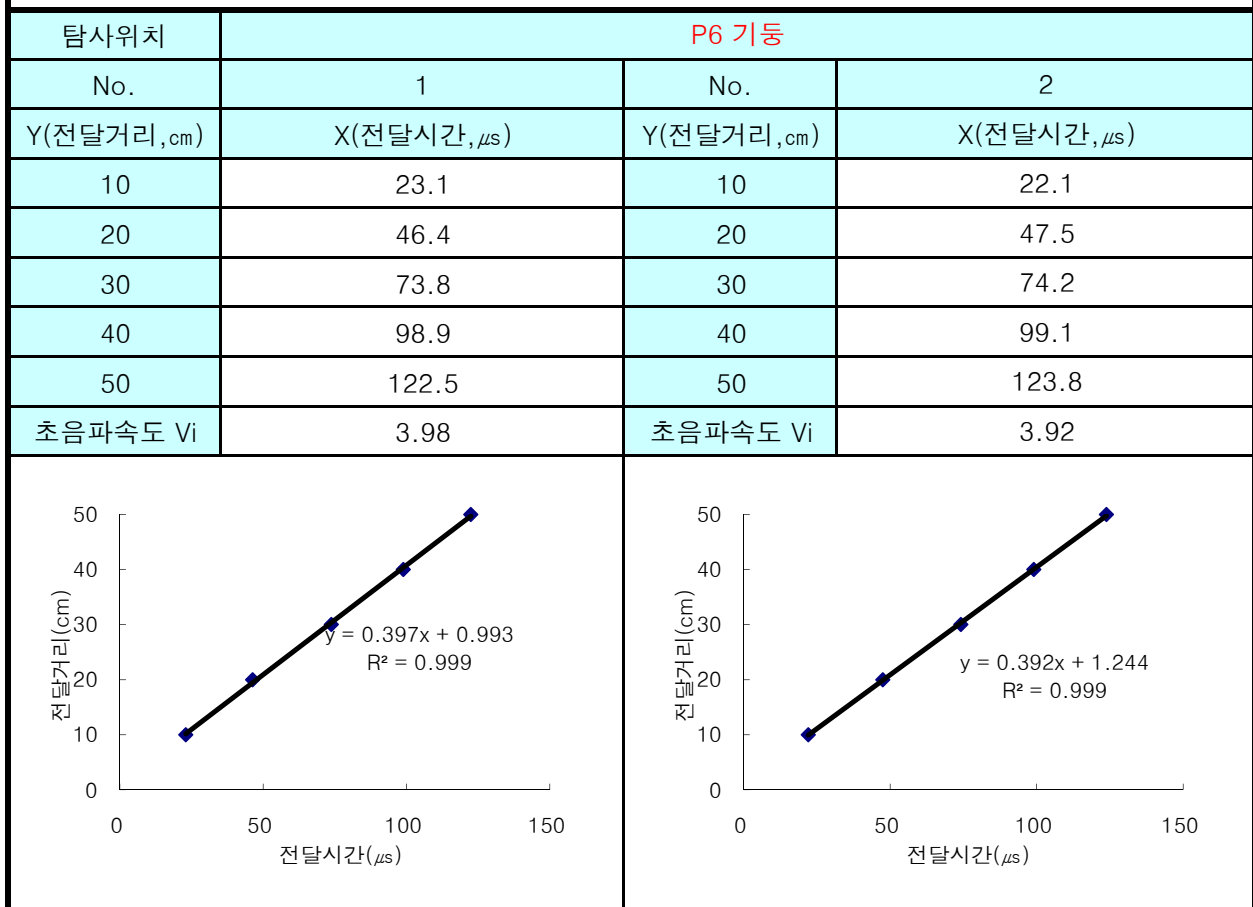
청도1교(대구) 초음파탐사 6



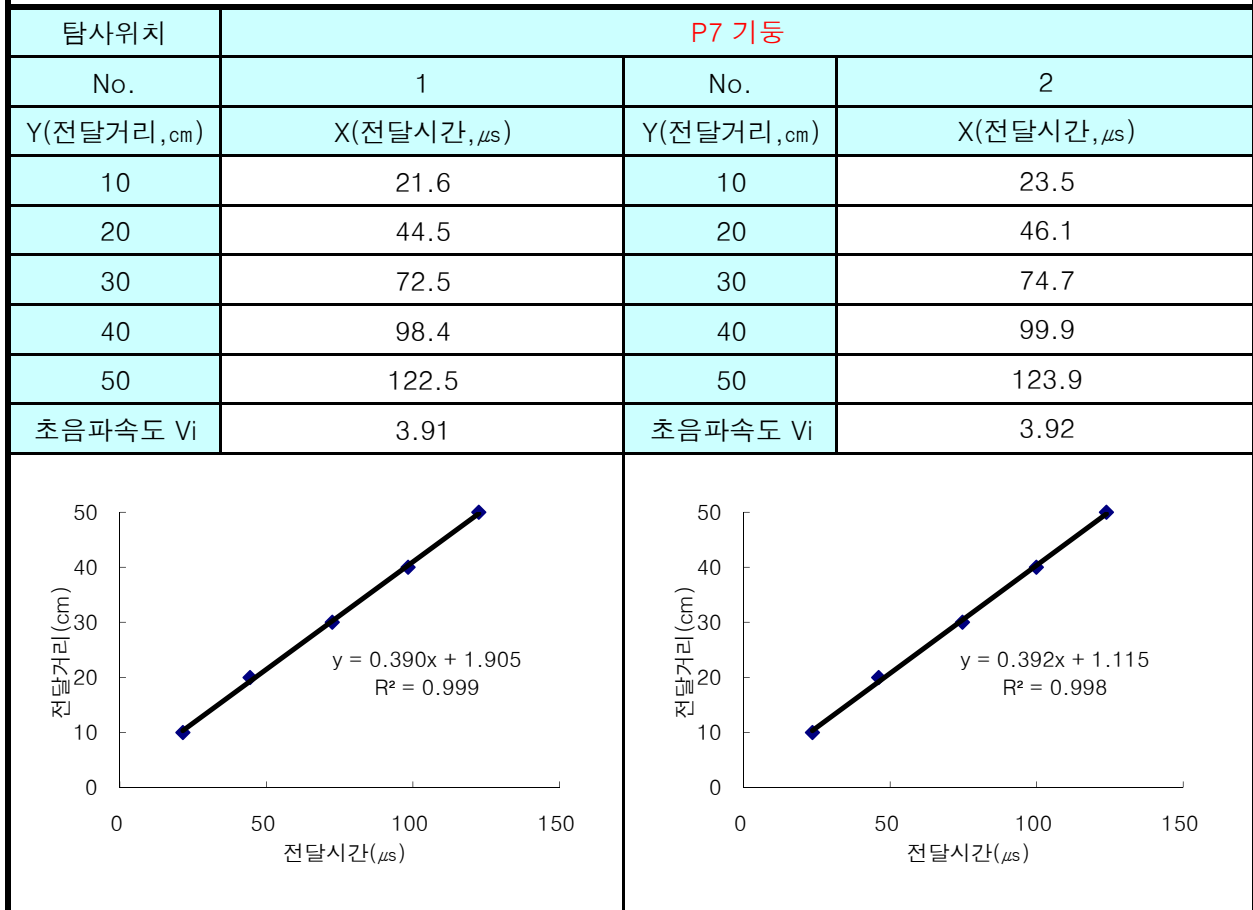
청도1교(대구) 초음파탐사 7



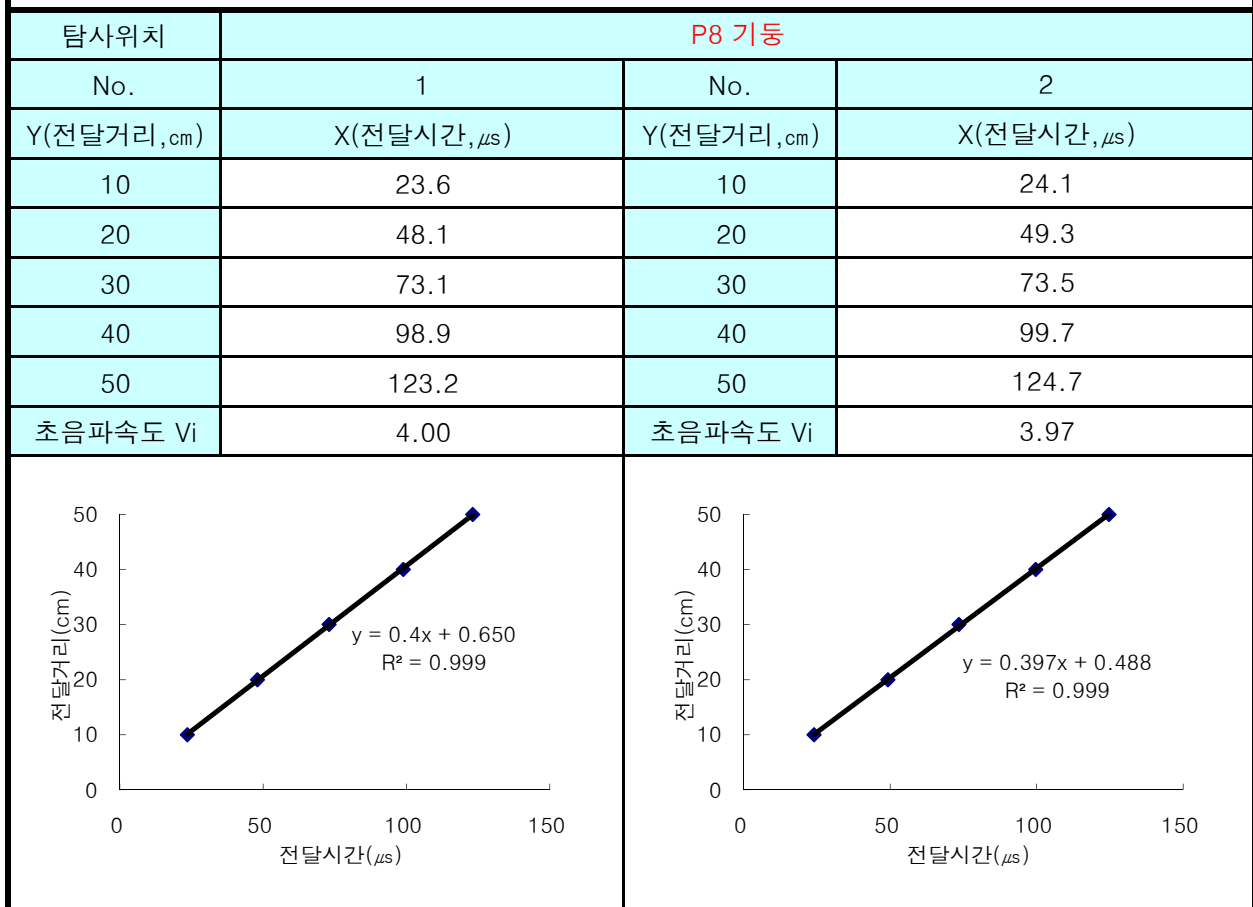
청도1교(대구) 초음파탐사 8



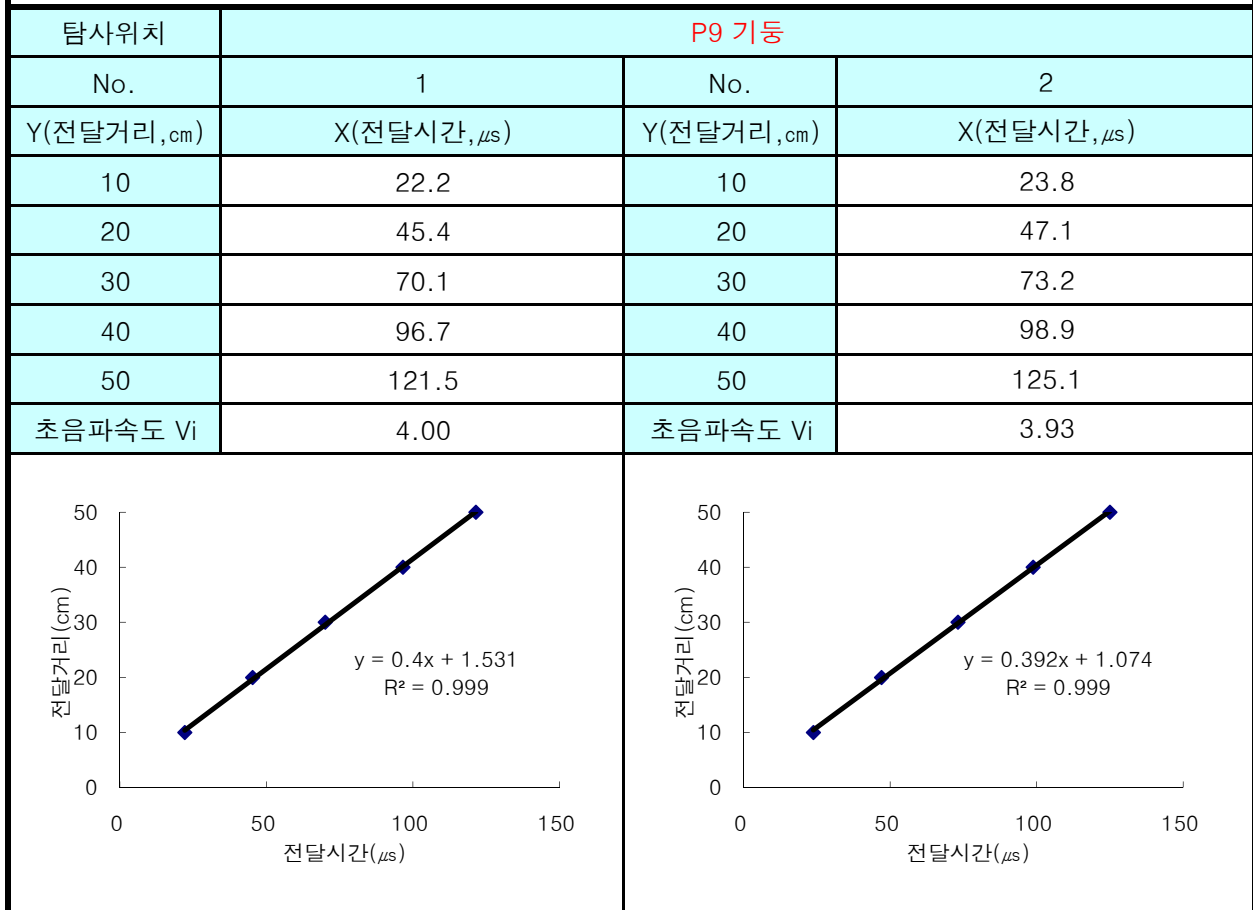
청도1교(대구) 초음파탐사 9



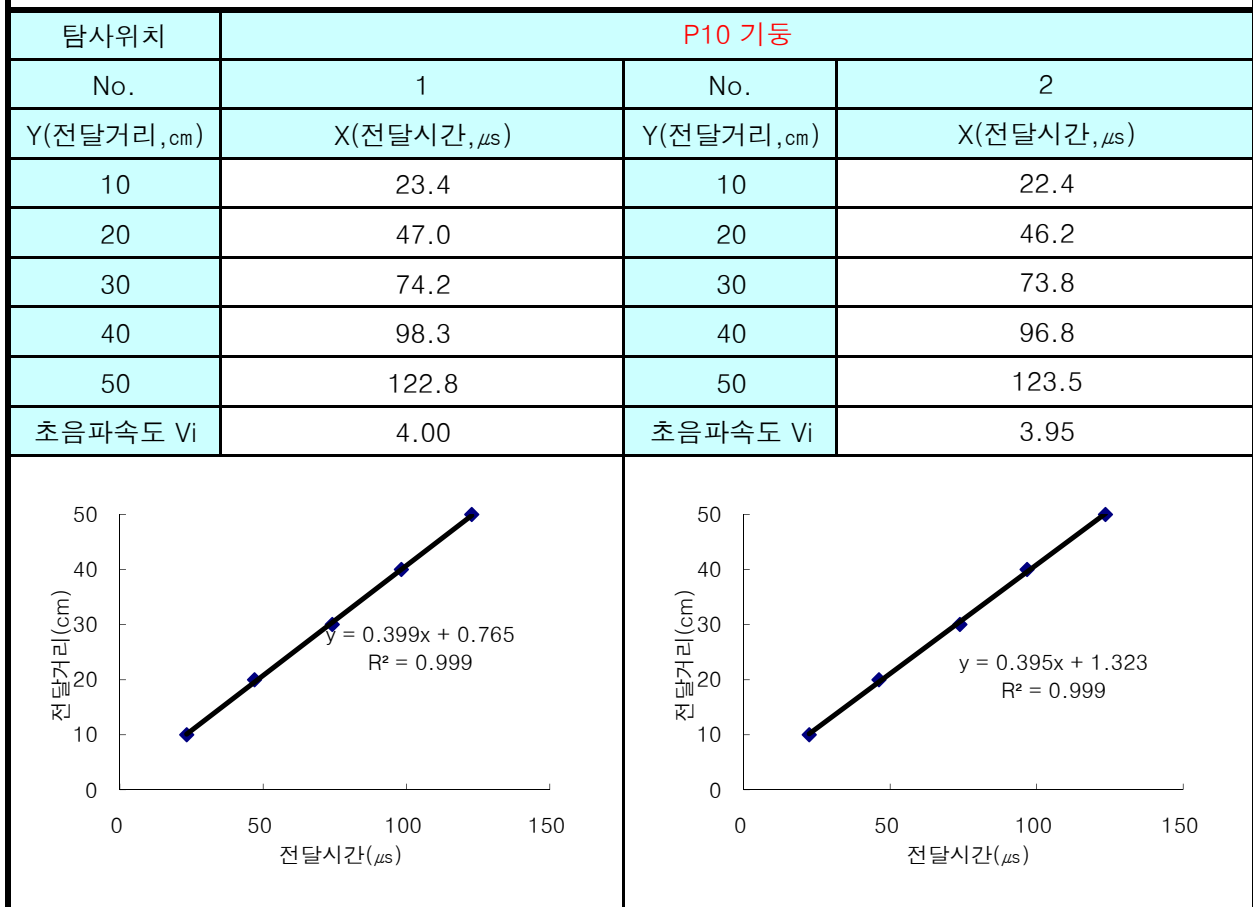
청도1교(대구) 초음파탐사 10



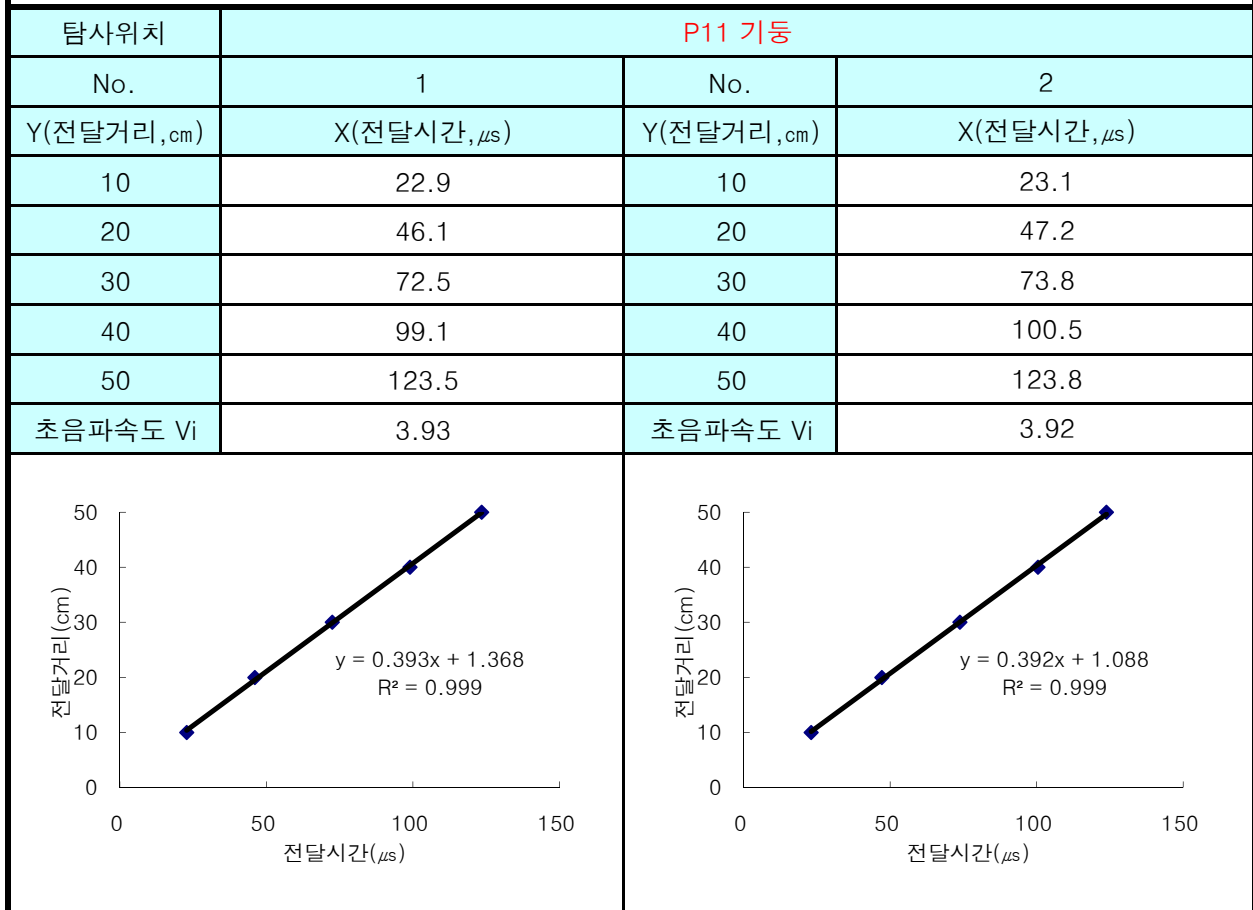
청도1교(대구) 초음파탐사 11



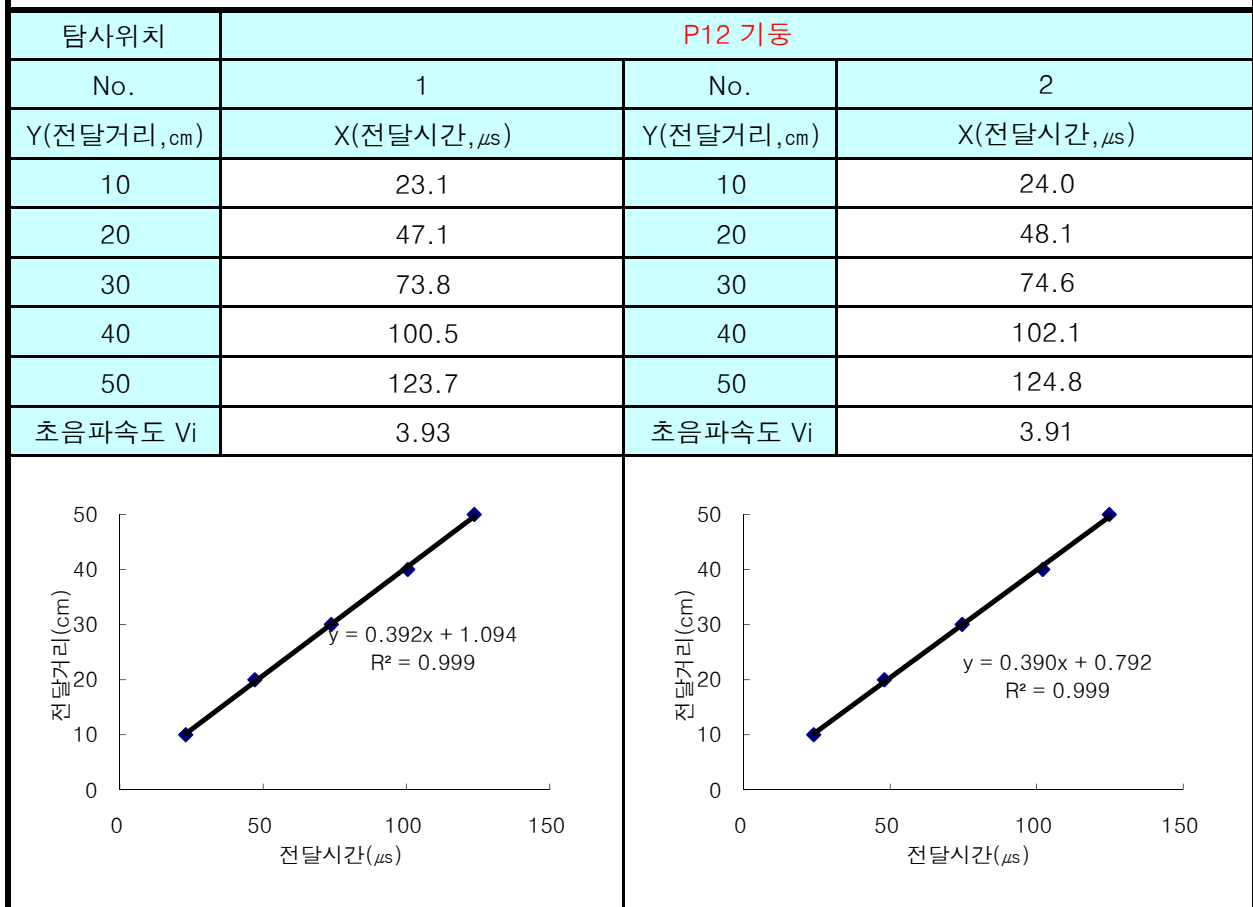
청도1교(대구) 초음파탐사 12



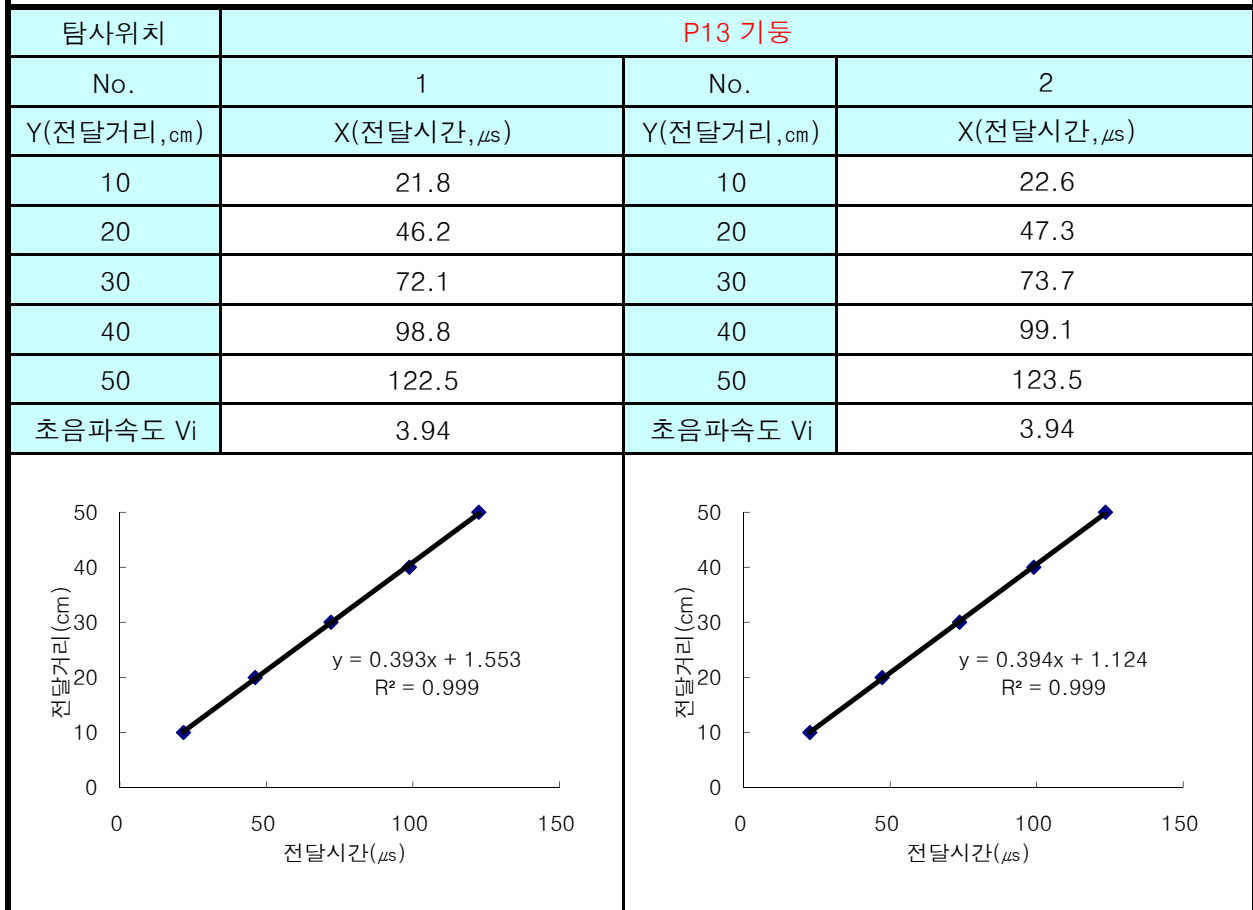
청도1교(대구) 초음파탐사 13



청도1교(대구) 초음파탐사 14



청도1교(대구) 초음파탐사 15



청도1교(대구) 초음파탐사 16

