

청도2교(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	25.6
20	45.7	20	47.1
30	72.5	30	74.5
40	99.8	40	100.1
50	124.5	50	125.4
초음파속도 Vi	3.99	초음파속도 Vi	3.95

$y = 0.398x + 0.586$
 $R^2 = 0.996$

$y = 0.395x + 0.525$
 $R^2 = 0.998$

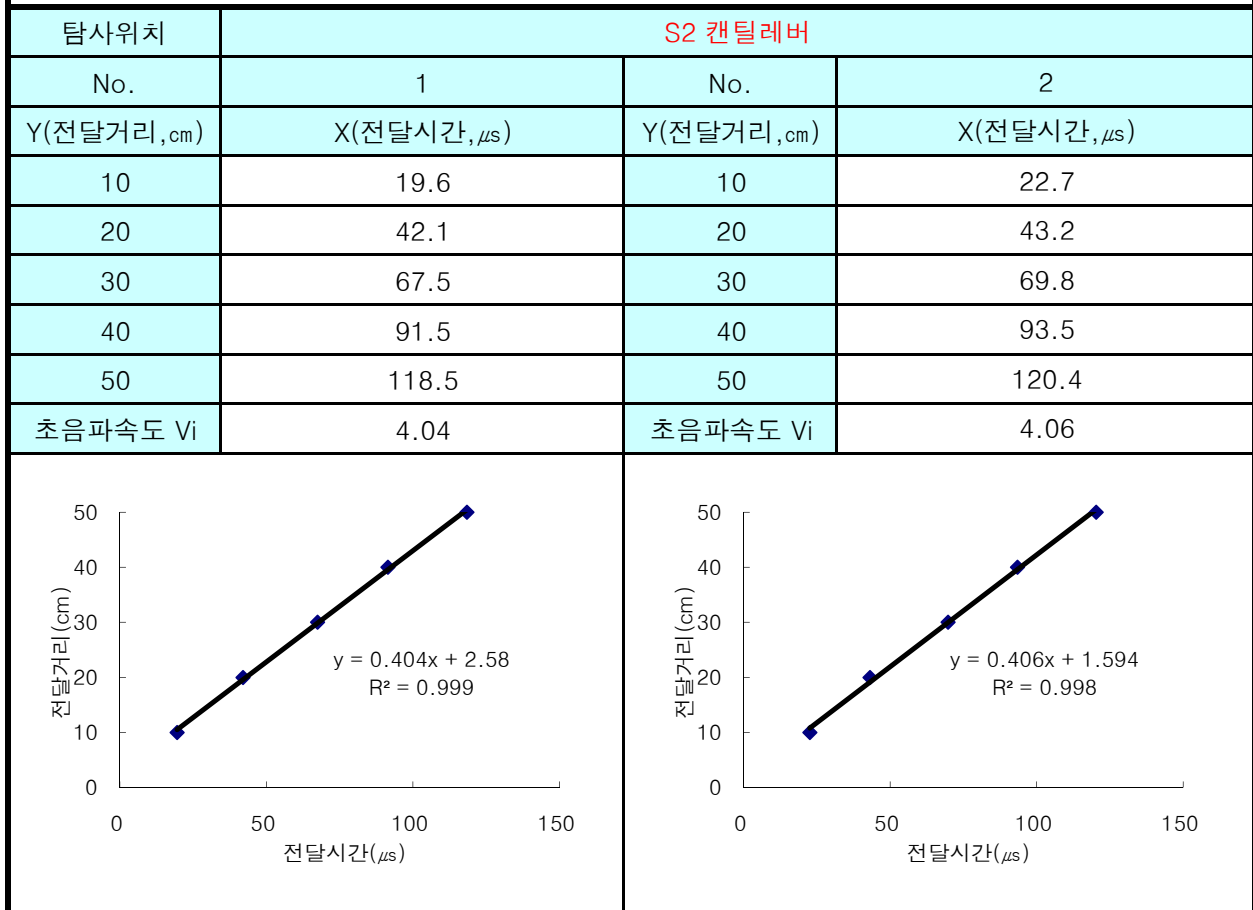
청도2교(대구) 초음파탐사 2

탐사위치	S1 캔틸레버		
No.	1	No.	2
Y(전달거리,cm)	X(전달시간, μs)	Y(전달거리,cm)	X(전달시간, μs)
10	21.6	10	23.5
20	43.7	20	46.8
30	69.8	30	72.3
40	97.1	40	98.8
50	117.9	50	120.3
초음파속도 Vi	4.06	초음파속도 Vi	4.07

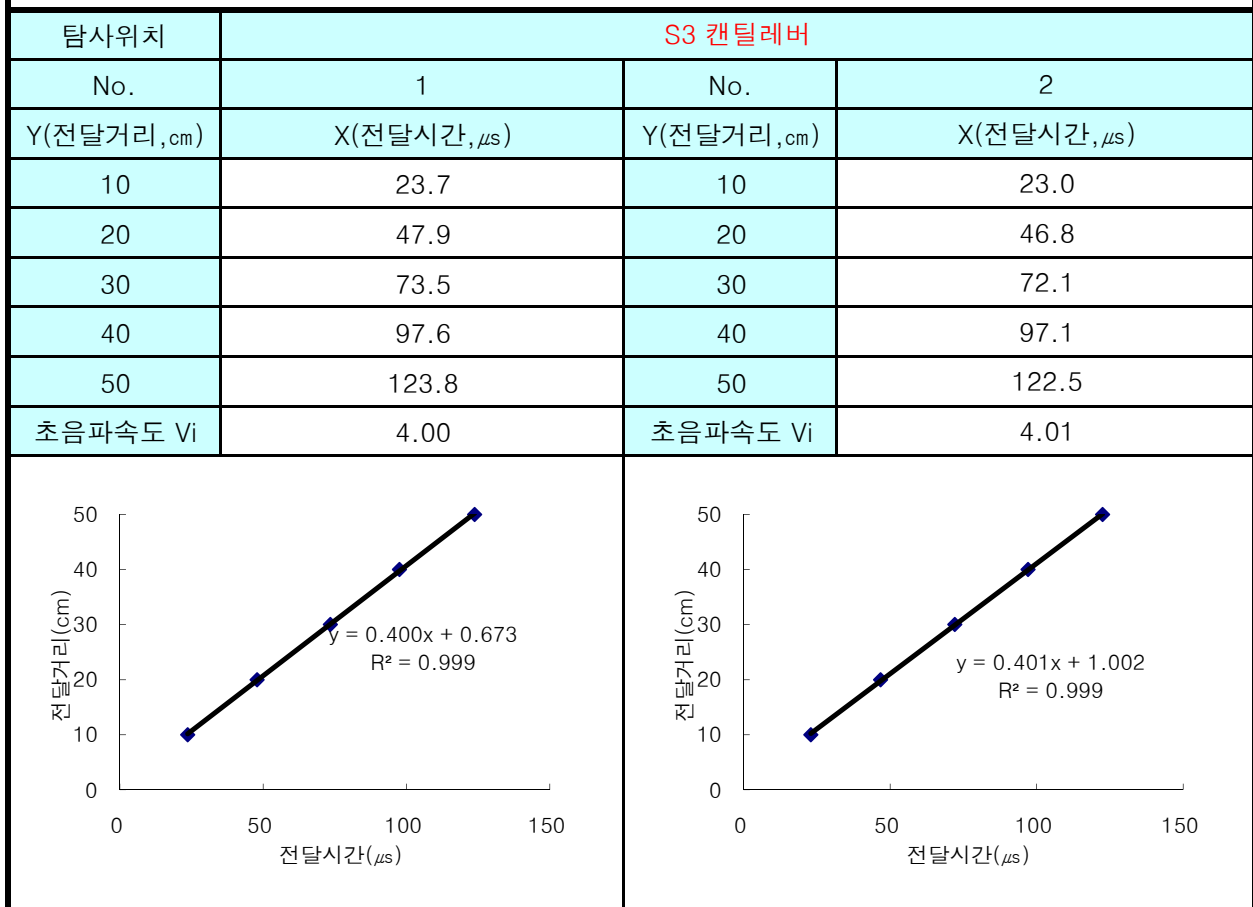
$y = 0.405x + 1.590$
 $R^2 = 0.998$

$y = 0.406x + 0.574$
 $R^2 = 0.999$

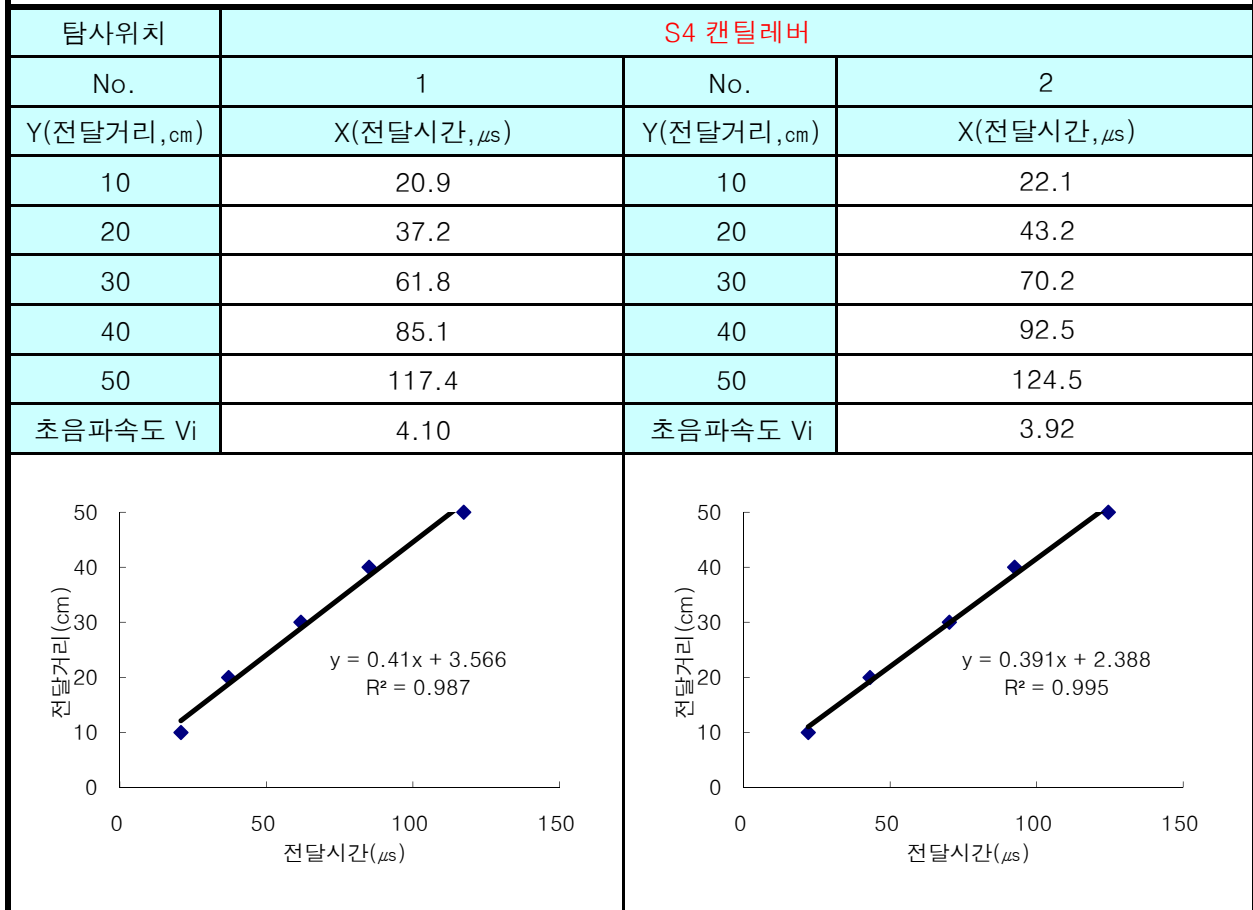
청도2교(대구) 초음파탐사 3



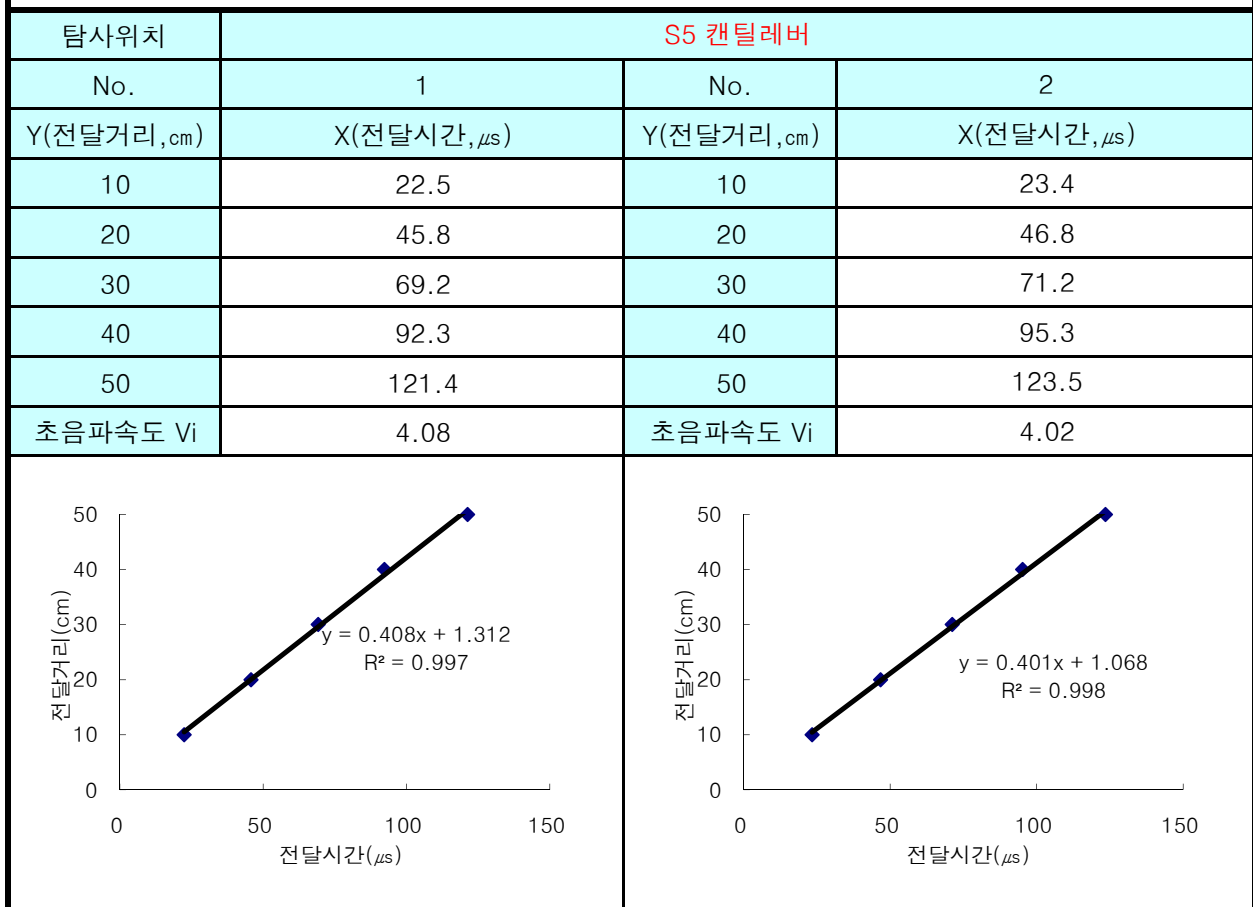
청도2교(대구) 초음파탐사 4



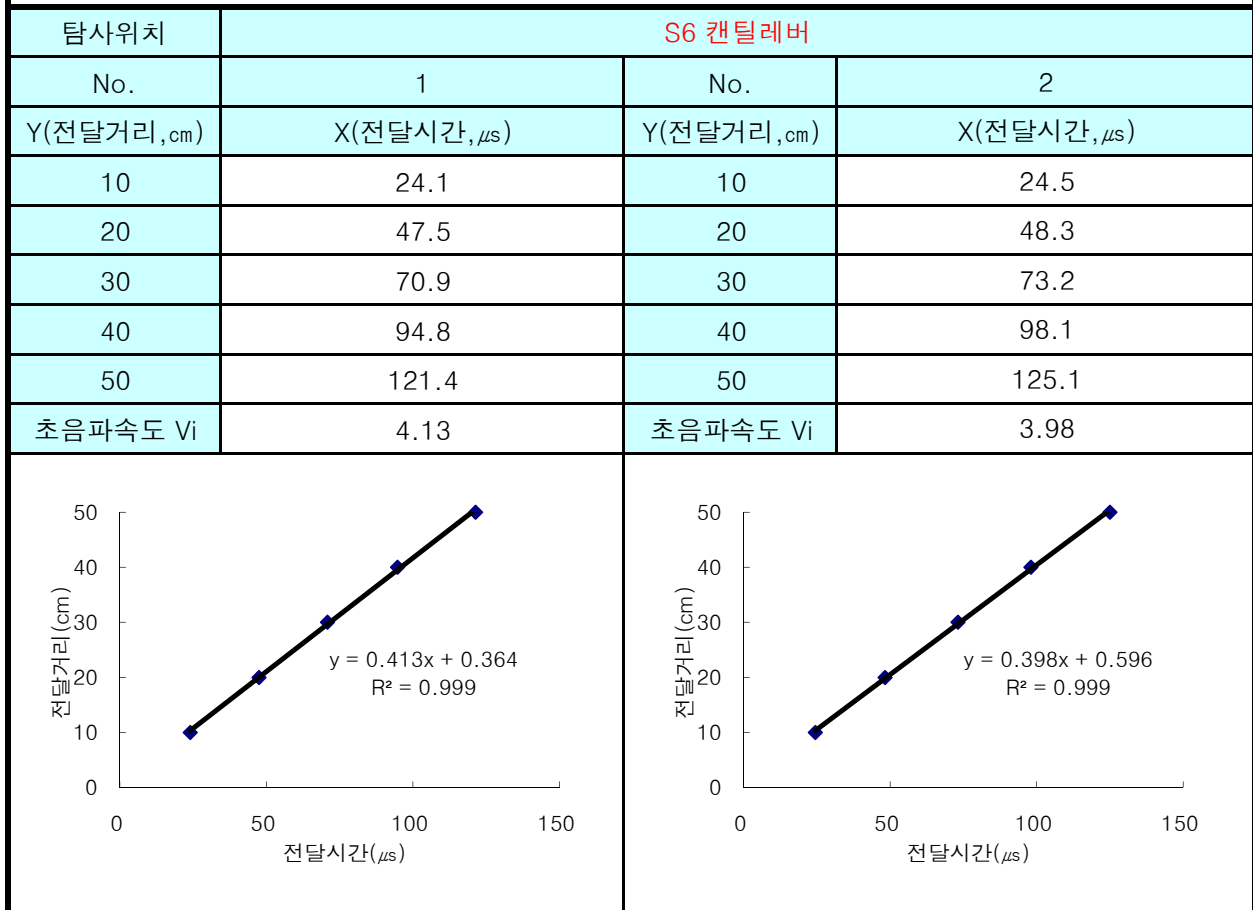
청도2교(대구) 초음파탐사 5



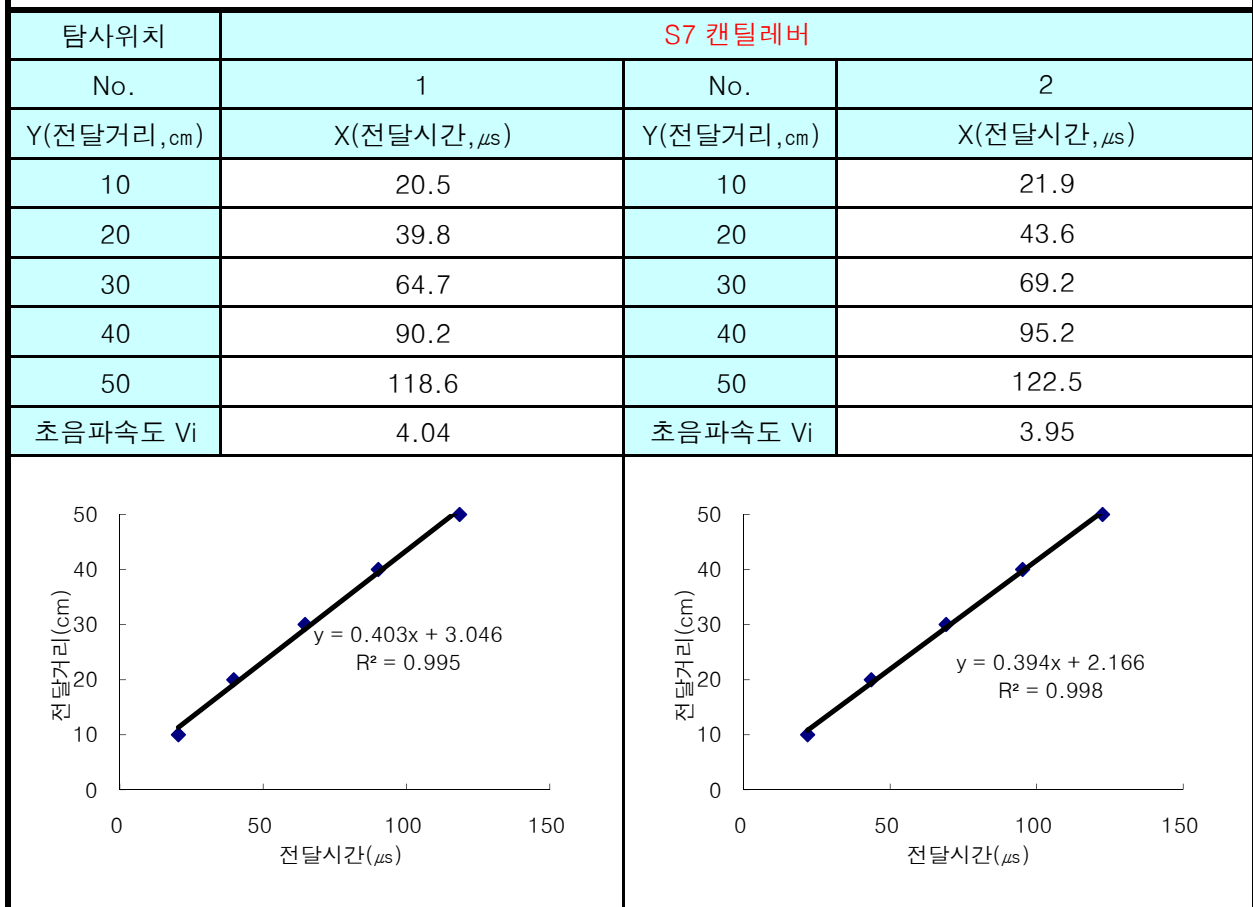
청도2교(대구) 초음파탐사 6



청도2교(대구) 초음파탐사 7



청도2교(대구) 초음파탐사 8



청도2교(대구) 초음파탐사 9

탐사위치	S8 캔틸레버		
No.	1	No.	2
Y(전달거리,cm)	X(전달시간, μs)	Y(전달거리,cm)	X(전달시간, μs)
10	25.3	10	23.5
20	46.3	20	47.5
30	69.9	30	73.2
40	96.2	40	97.8
50	121.4	50	123.5
초음파속도 Vi	4.12	초음파속도 Vi	3.99

$y = 0.412x + 0.387$
 $R^2 = 0.998$

$y = 0.399x + 0.798$
 $R^2 = 0.999$

청도2교(대구) 초음파탐사 10

탐사위치	S9 캔틸레버		
No.	1	No.	2
Y(전달거리,cm)	X(전달시간, μs)	Y(전달거리,cm)	X(전달시간, μs)
10	25.6	10	24.8
20	49.1	20	48.3
30	75.2	30	74.1
40	99.5	40	97.8
50	124.5	50	122.5
초음파속도 Vi	4.03	초음파속도 Vi	4.08

$y = 0.402x - 0.123$
 $R^2 = 0.999$

$y = 0.408x - 0.007$
 $R^2 = 0.999$

청도2교(대구) 초음파탐사 11

탐사위치	S10 캔틸레버		
No.	1	No.	2
Y(전달거리,cm)	X(전달시간, μs)	Y(전달거리,cm)	X(전달시간, μs)
10	21.3	10	22.6
20	43.6	20	47.2
30	70.2	30	73.2
40	95.1	40	96.9
50	121.5	50	122.8
초음파속도 Vi	3.97	초음파속도 Vi	4.00

$y = 0.396x + 2.098$
 $R^2 = 0.999$

$y = 0.399x + 1.000$
 $R^2 = 0.999$

청도2교(대구) 초음파탐사 12

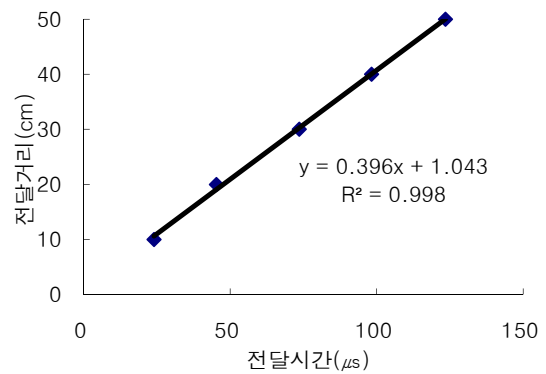
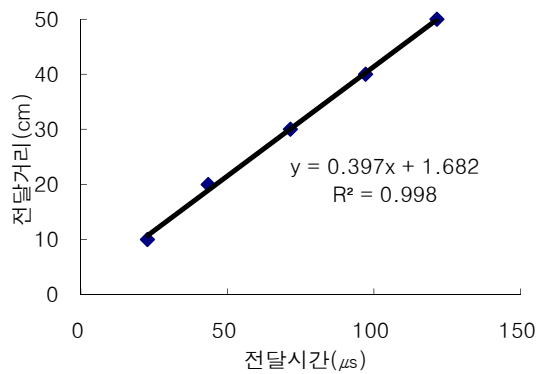
탐사위치	S10 캔틸레버		
No.	1	No.	2
Y(전달거리,cm)	X(전달시간, μs)	Y(전달거리,cm)	X(전달시간, μs)
10	23.1	10	23.8
20	46.2	20	47.1
30	73.8	30	74.2
40	97.2	40	97.9
50	121.4	50	122.1
초음파속도 Vi	4.04	초음파속도 Vi	4.04

$y = 0.403x + 0.804$
 $R^2 = 0.999$

$y = 0.404x + 0.499$
 $R^2 = 0.999$

청도2교(대구) 초음파탐사 13

탐사위치	S11 캔틸레버		
No.	1	No.	2
Y(전달거리,cm)	X(전달시간, μs)	Y(전달거리,cm)	X(전달시간, μs)
10	22.7	10	24.1
20	43.5	20	45.4
30	71.5	30	73.6
40	97.2	40	98.3
50	121.5	50	123.5
초음파속도 Vi	3.97	초음파속도 Vi	3.97



청도2교(대구) 초음파탐사 1

탐사위치	A1 구체		
No.	1	No.	2
Y(전달거리,cm)	X(전달시간, μs)	Y(전달거리,cm)	X(전달시간, μs)
10	21.3	10	22.7
20	45.2	20	47.1
30	71.5	30	74.5
40	97.5	40	100.5
50	124.8	50	125.4
초음파속도 Vi	3.85	초음파속도 Vi	3.86

$y = 0.385x + 2.223$
 $R^2 = 0.999$

$y = 0.386x + 1.399$
 $R^2 = 0.999$

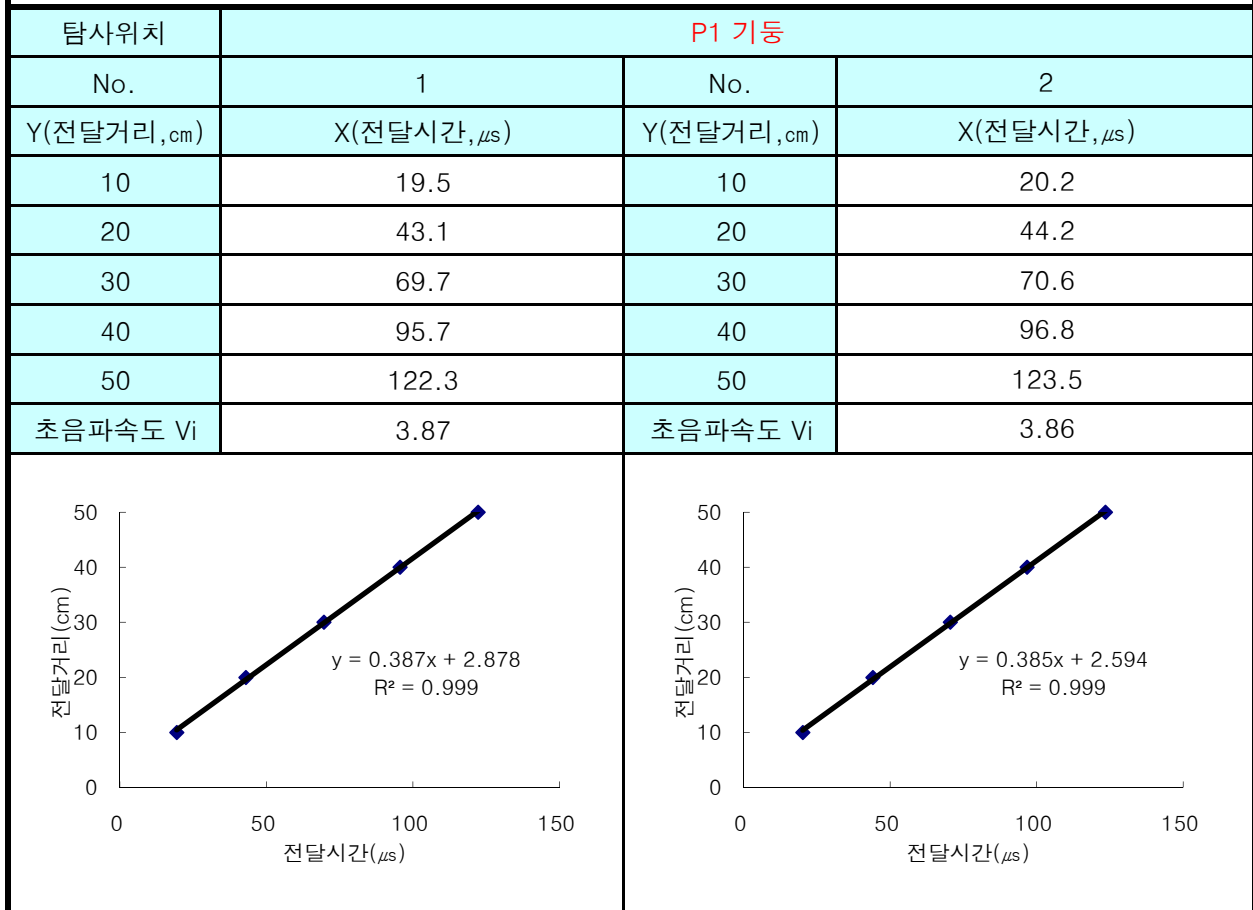
청도2교(대구) 초음파탐사 2

탐사위치	A2 구체		
No.	1	No.	2
Y(전달거리,cm)	X(전달시간, μs)	Y(전달거리,cm)	X(전달시간, μs)
10	22.3	10	23.7
20	46.1	20	47.2
30	72.3	30	73.5
40	98.0	40	99.4
50	122.5	50	124.2
초음파속도 Vi	3.96	초음파속도 Vi	3.95

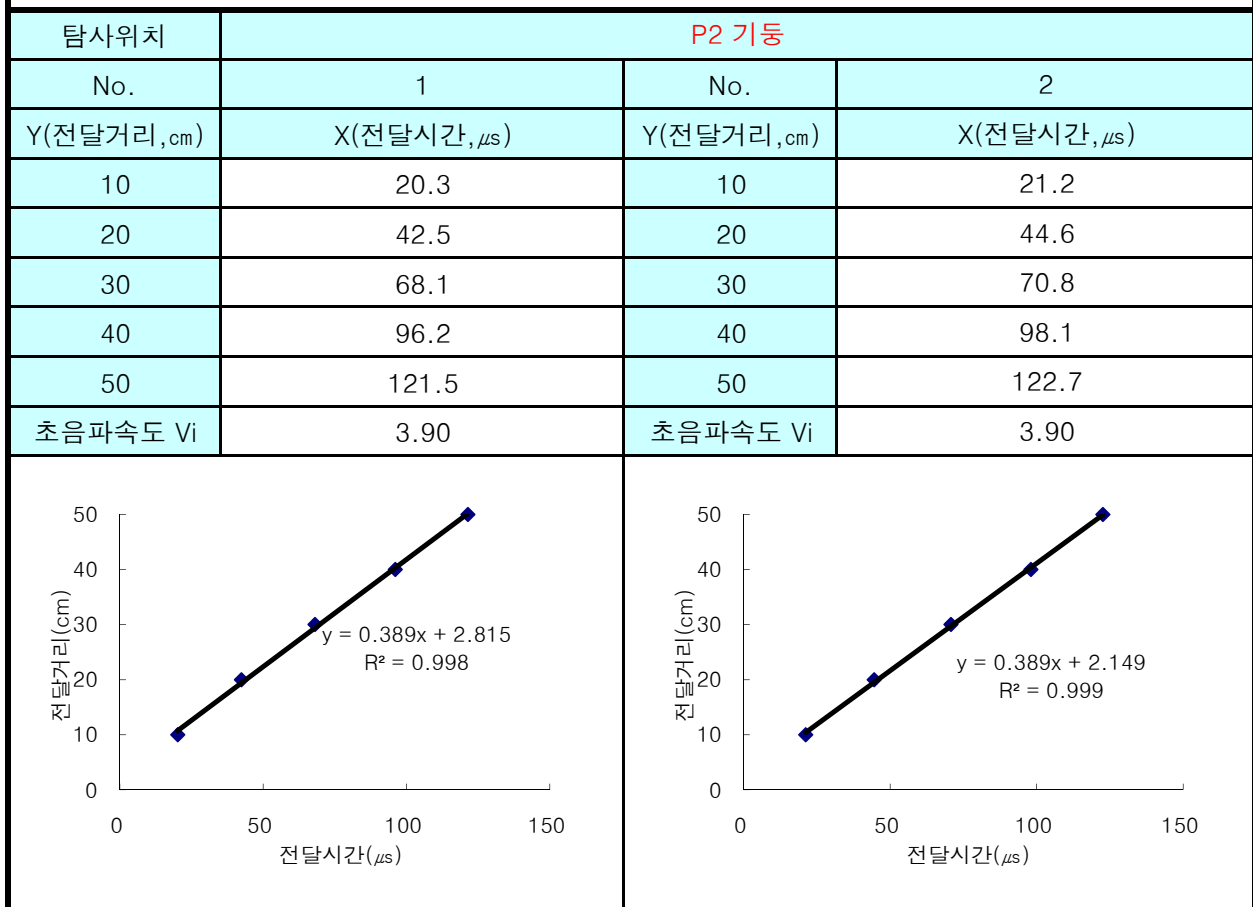
$y = 0.396x + 1.373$
 $R^2 = 0.999$

$y = 0.394x + 0.940$
 $R^2 = 0.999$

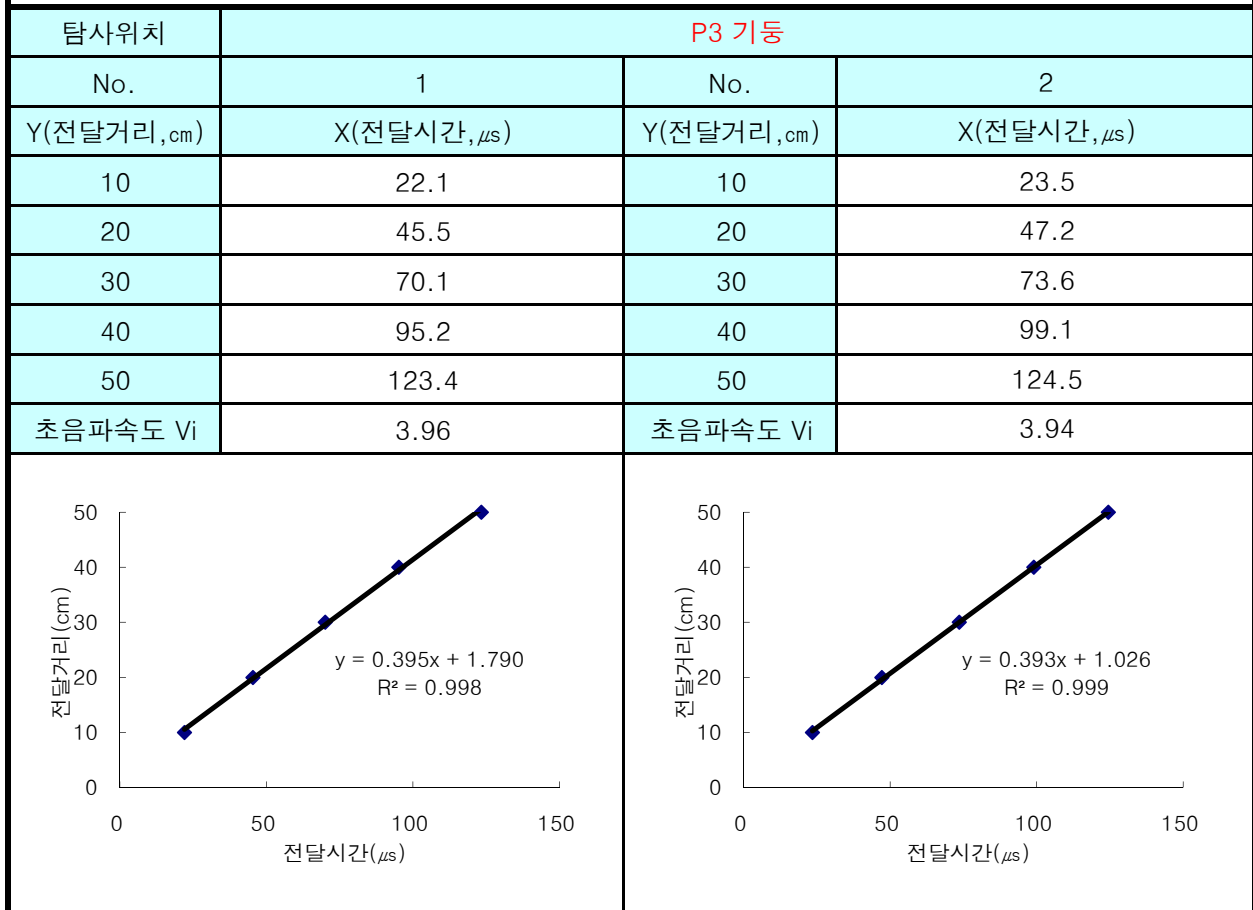
청도2교(대구) 초음파탐사 3



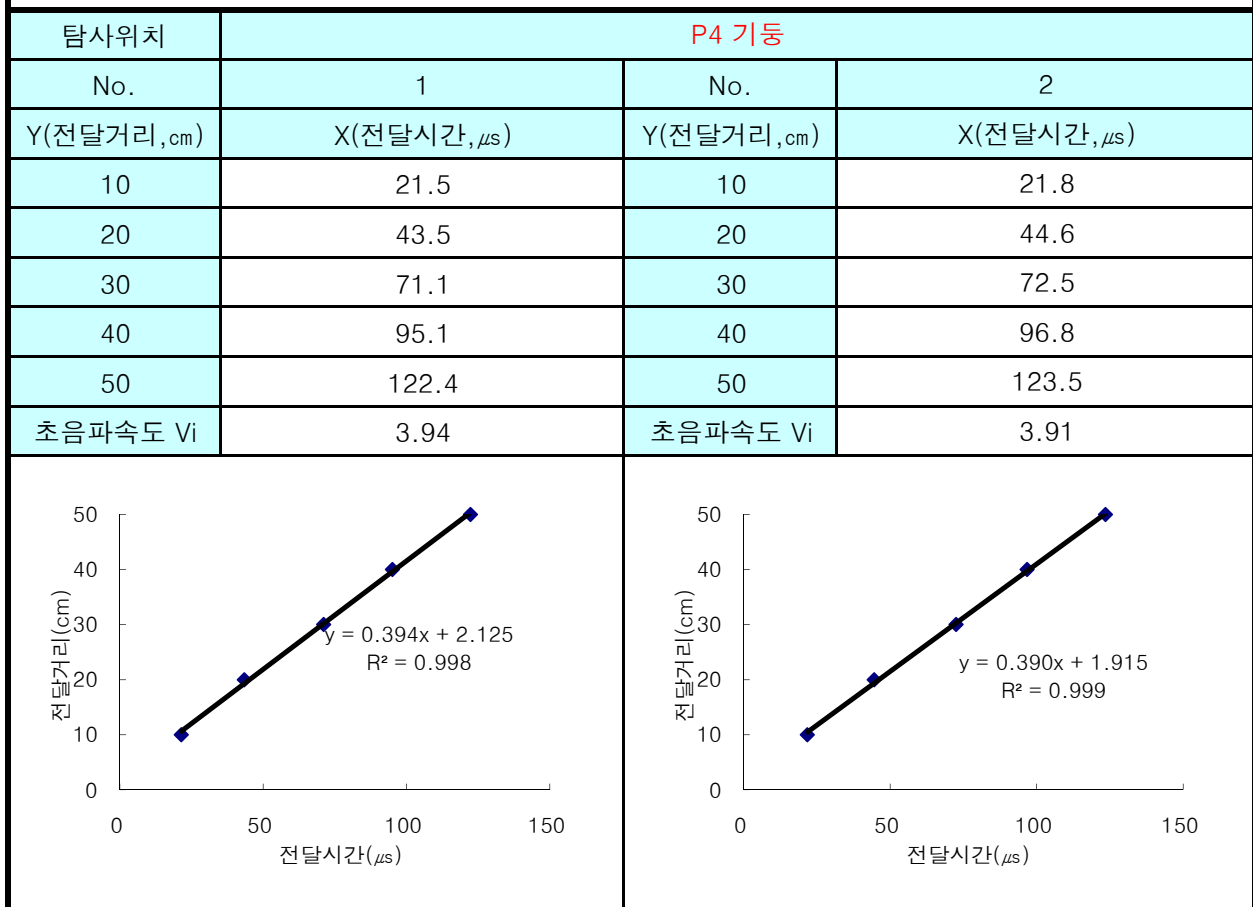
청도2교(대구) 초음파탐사 4



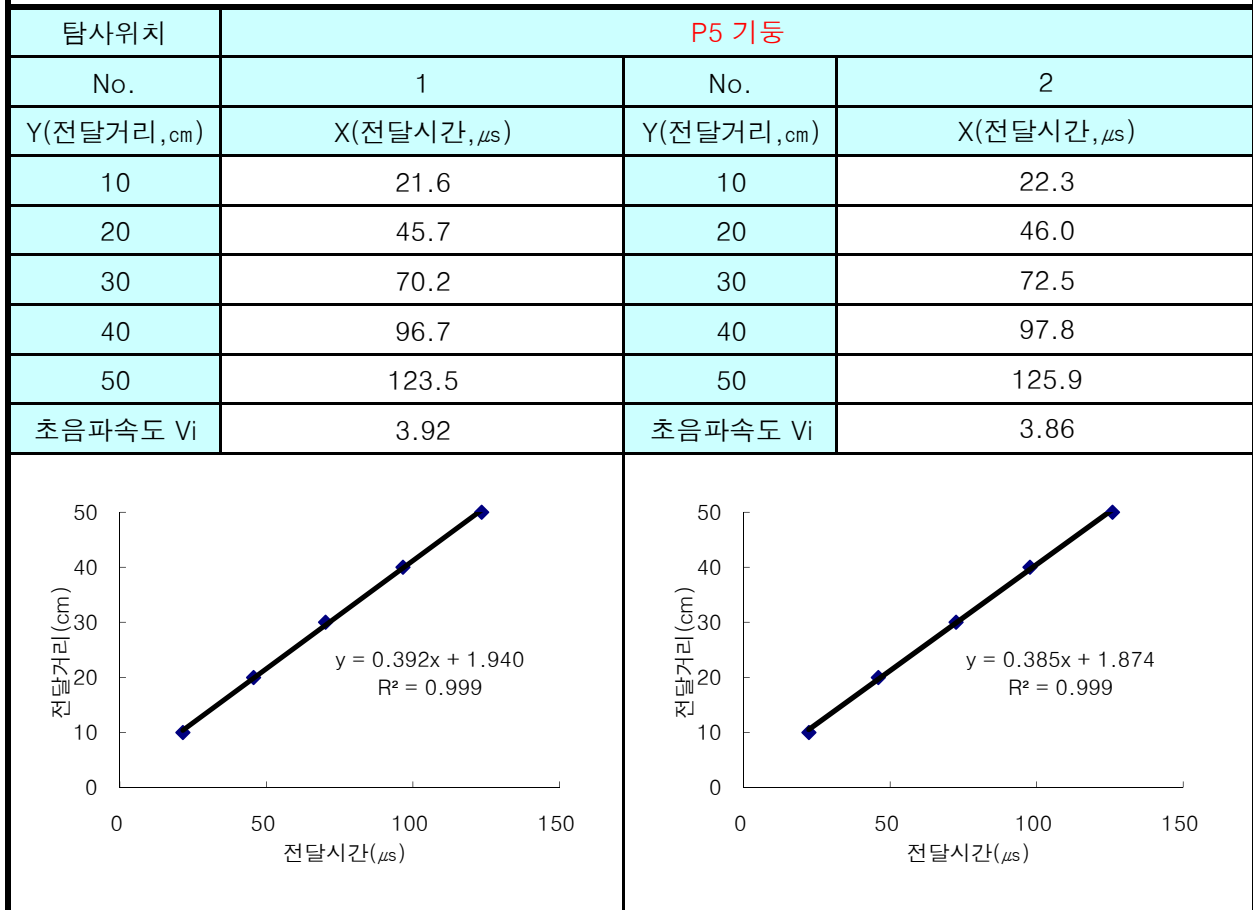
청도2교(대구) 초음파탐사 5



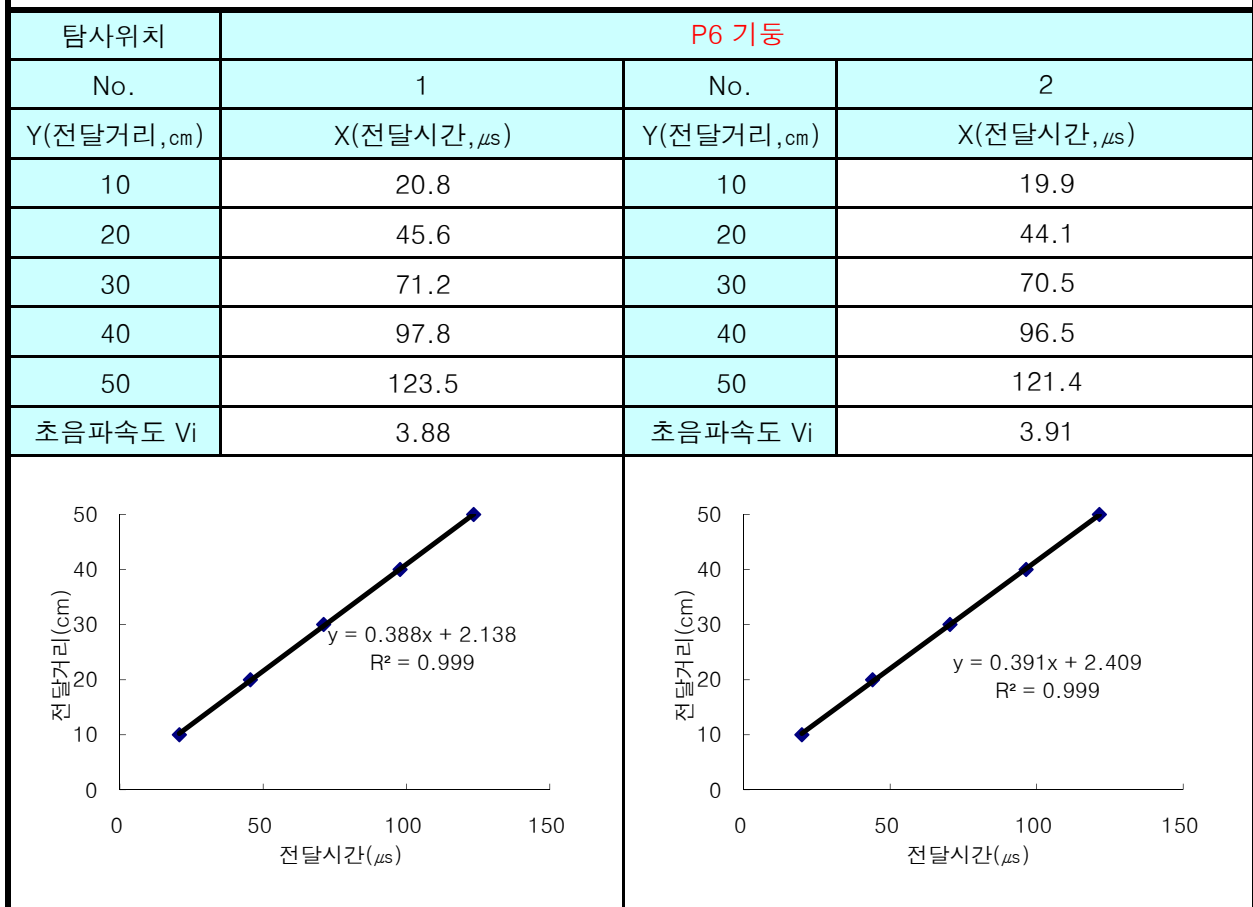
청도2교(대구) 초음파탐사 6



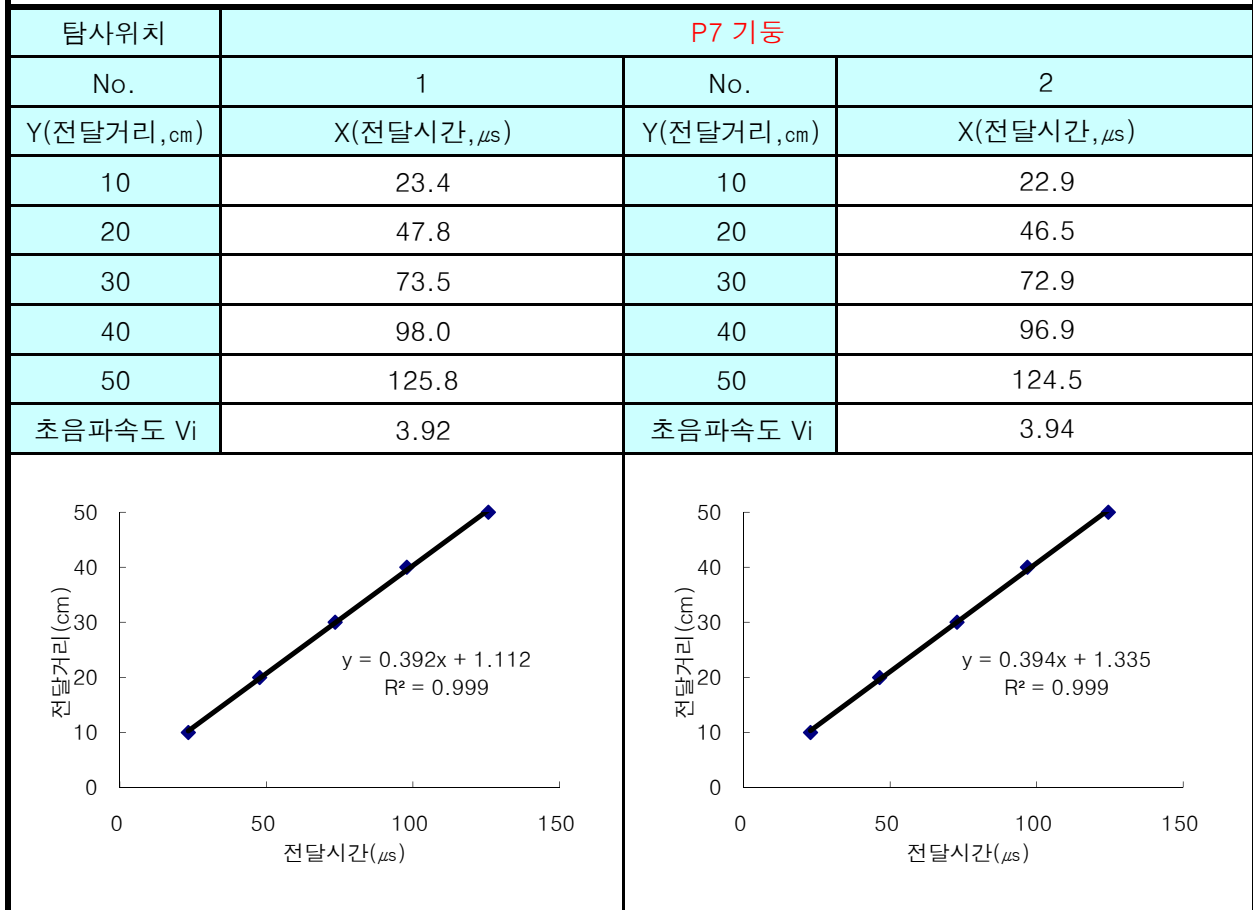
청도2교(대구) 초음파탐사 7



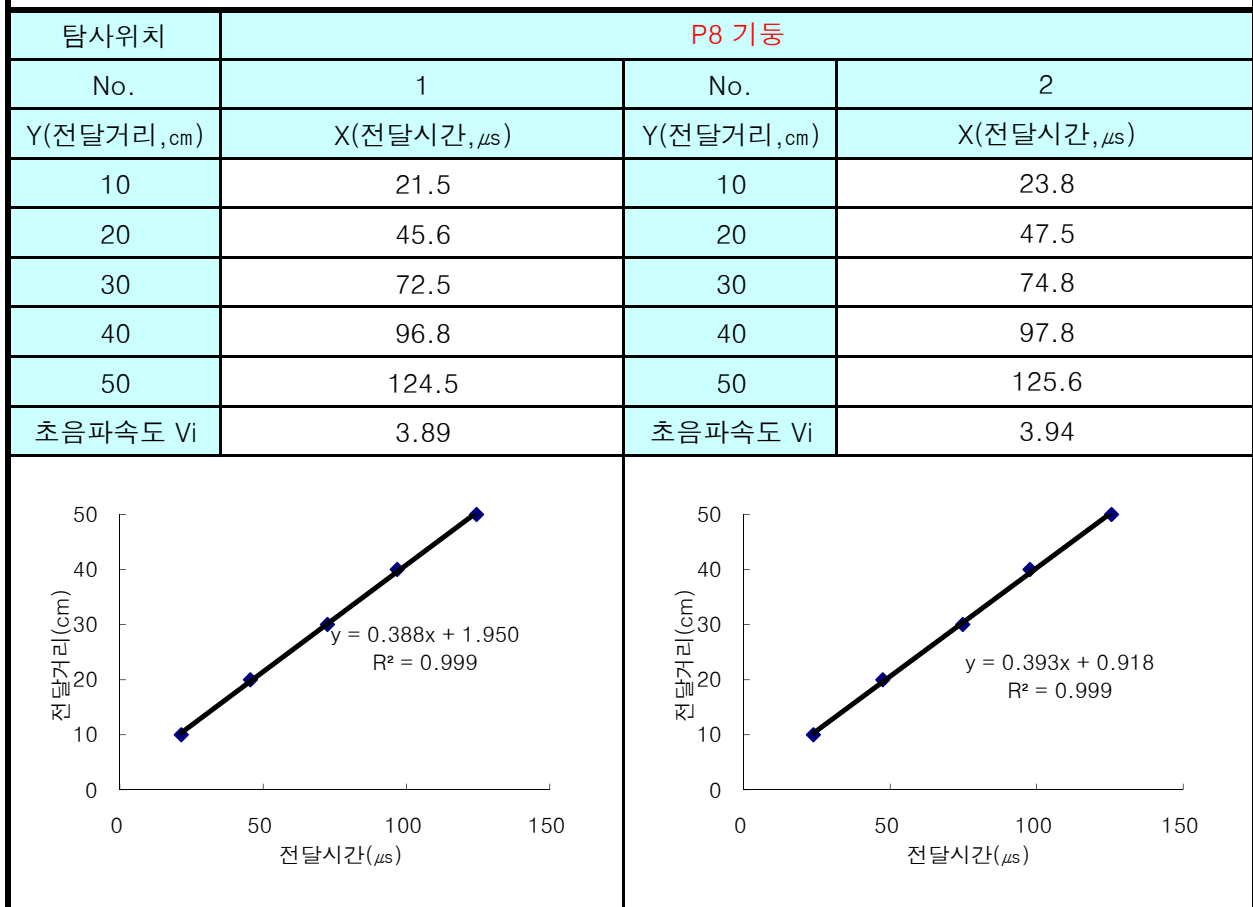
청도2교(대구) 초음파탐사 8



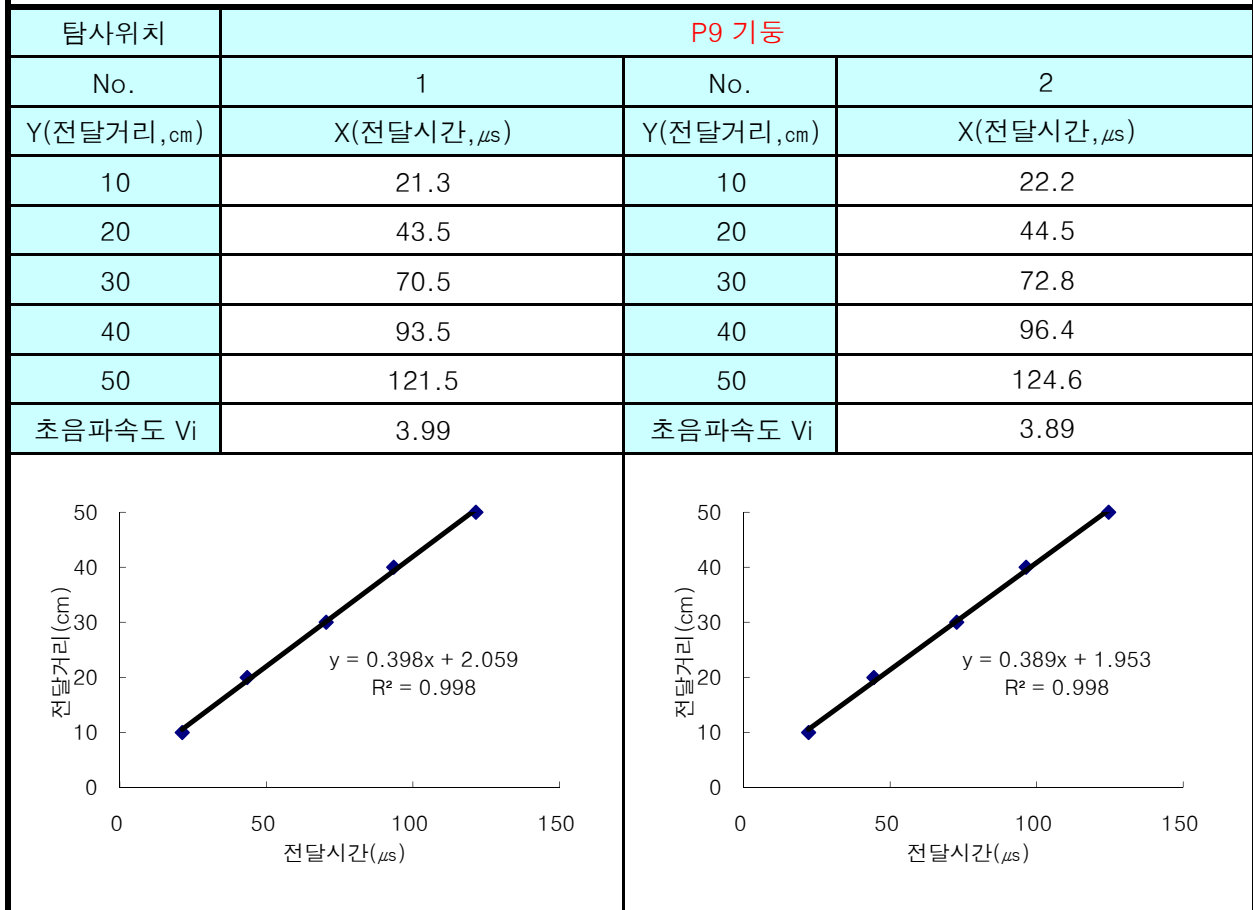
청도2교(대구) 초음파탐사 9



청도2교(대구) 초음파탐사 10



청도2교(대구) 초음파탐사 11



청도2교(대구) 초음파탐사 12

