

청도2교(부산) 초음파탐사 1

탐사위치	S1 캔틸레버		
No.	1	No.	2
Y(전달거리,cm)	X(전달시간, μs)	Y(전달거리,cm)	X(전달시간, μs)
10	24.4	10	25.1
20	48.7	20	49.8
30	73.1	30	75.2
40	95.5	40	97.8
50	123.9	50	125.6
초음파속도 Vi	4.06	초음파속도 Vi	4.01

$y = 0.406x + 0.29$
 $R^2 = 0.998$

$y = 0.401x + 0.022$
 $R^2 = 0.999$

청도2교(부산) 초음파탐사 2

탐사위치	S2 캔틸레버		
No.	1	No.	2
Y(전달거리,cm)	X(전달시간, μs)	Y(전달거리,cm)	X(전달시간, μs)
10	25.5	10	25.1
20	49.2	20	50.1
30	76.5	30	77.5
40	99.9	40	101.2
50	124.2	50	125.4
초음파속도 Vi	4.03	초음파속도 Vi	3.97

$y = 0.402x - 0.237$
 $R^2 = 0.999$

$y = 0.397x - 0.120$
 $R^2 = 0.999$

청도2교(부산) 초음파탐사 3

탐사위치	S3 캔틸레버		
No.	1	No.	2
Y(전달거리,cm)	X(전달시간, μs)	Y(전달거리,cm)	X(전달시간, μs)
10	25.8	10	24.1
20	48.1	20	49.5
30	75.1	30	74.8
40	100.3	40	101.1
50	124.5	50	125.3
초음파속도 Vi	4.00	초음파속도 Vi	3.94

$y = 0.400x + 0.068$
 $R^2 = 0.999$

$y = 0.393x + 0.491$
 $R^2 = 0.999$

청도2교(부산) 초음파탐사 4

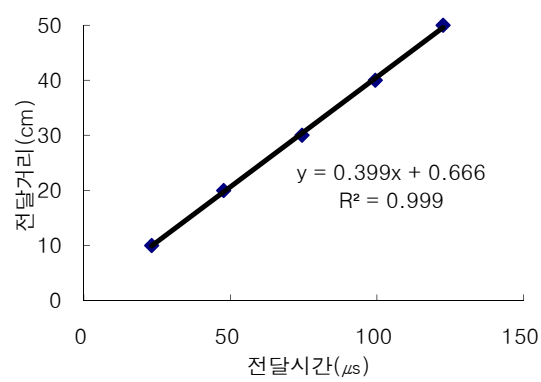
탐사위치	S3 캔틸레버		
No.	1	No.	2
Y(전달거리,cm)	X(전달시간, μs)	Y(전달거리,cm)	X(전달시간, μs)
10	23.9	10	25.1
20	48.8	20	49.5
30	74.5	30	76.2
40	99.5	40	100.3
50	123.5	50	124.8
초음파속도 Vi	4.00	초음파속도 Vi	4.00

$y = 0.400x + 0.375$
 $R^2 = 0.999$

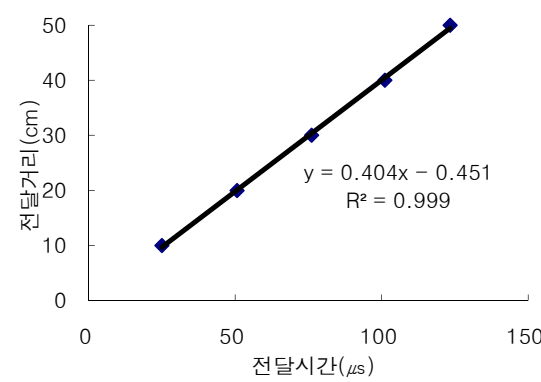
$y = 0.399x - 0.04$
 $R^2 = 0.999$

청도2교(부산) 초음파탐사 5

탐사위치	S4 캔틸레버		
No.	1	No.	2
Y(전달거리,cm)	X(전달시간, μs)	Y(전달거리,cm)	X(전달시간, μs)
10	23.2	10	25.1
20	47.8	20	50.7
30	74.5	30	76.1
40	99.5	40	101.2
50	122.6	50	123.4
초음파속도 Vi	3.99	초음파속도 Vi	4.04



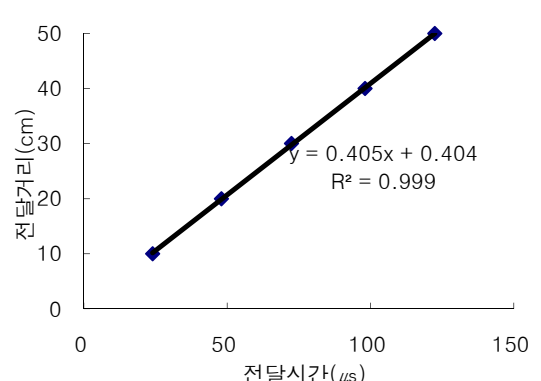
$y = 0.399x + 0.666$
 $R^2 = 0.999$



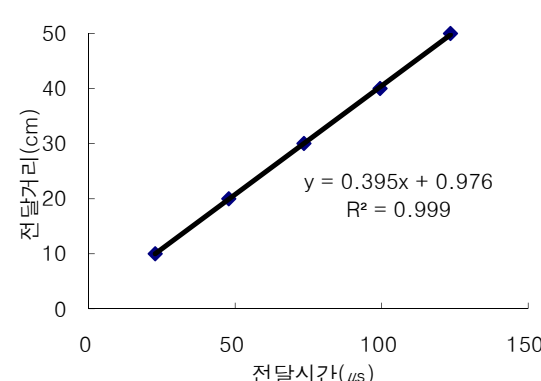
$y = 0.404x - 0.451$
 $R^2 = 0.999$

청도2교(부산) 초음파탐사 6

탐사위치	S5 캔틸레버		
No.	1	No.	2
Y(전달거리,cm)	X(전달시간, μs)	Y(전달거리,cm)	X(전달시간, μs)
10	24.1	10	22.8
20	48.1	20	47.9
30	72.5	30	73.5
40	98.2	40	99.5
50	122.5	50	123.5
초음파속도 Vi	4.05	초음파속도 Vi	3.95

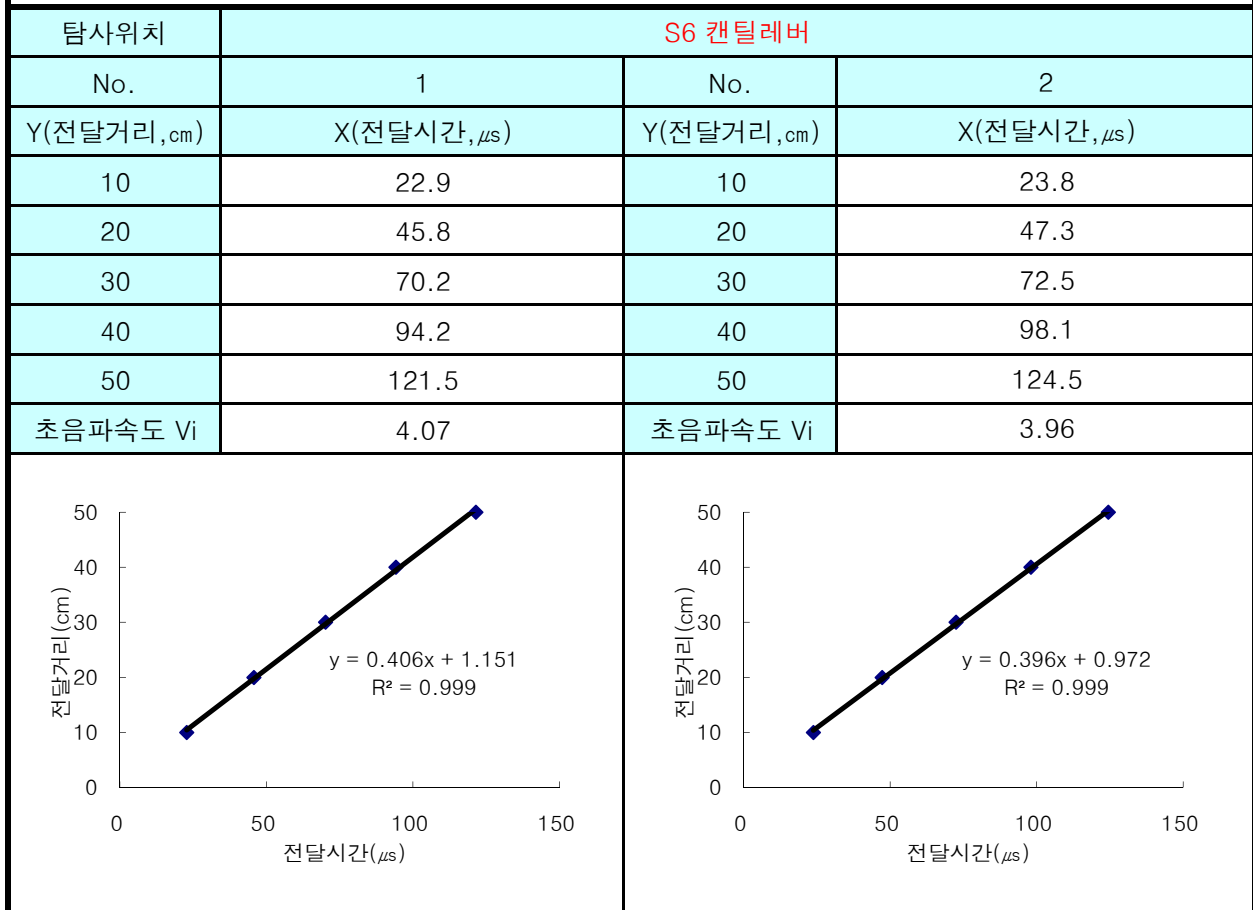


$y = 0.405x + 0.404$
 $R^2 = 0.999$

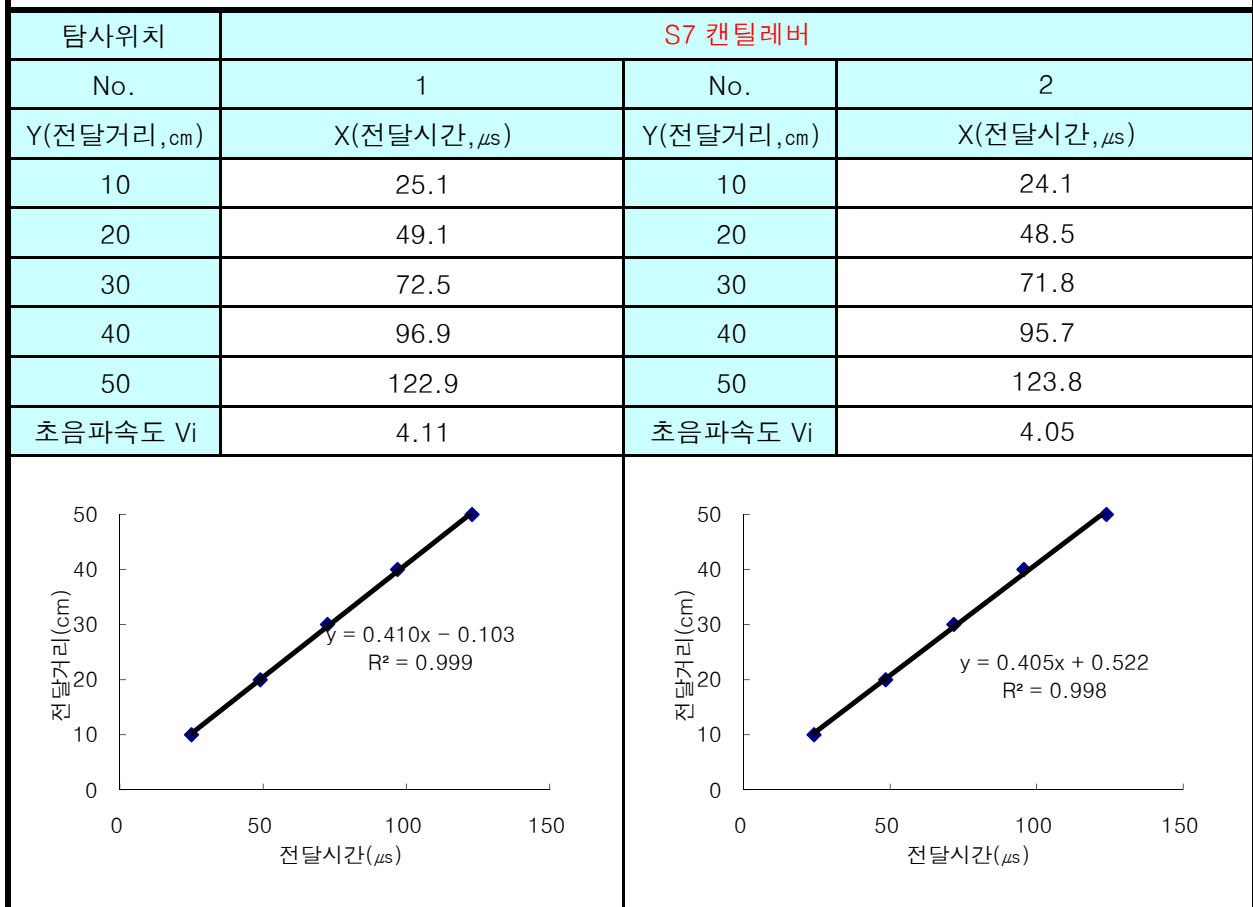


$y = 0.395x + 0.976$
 $R^2 = 0.999$

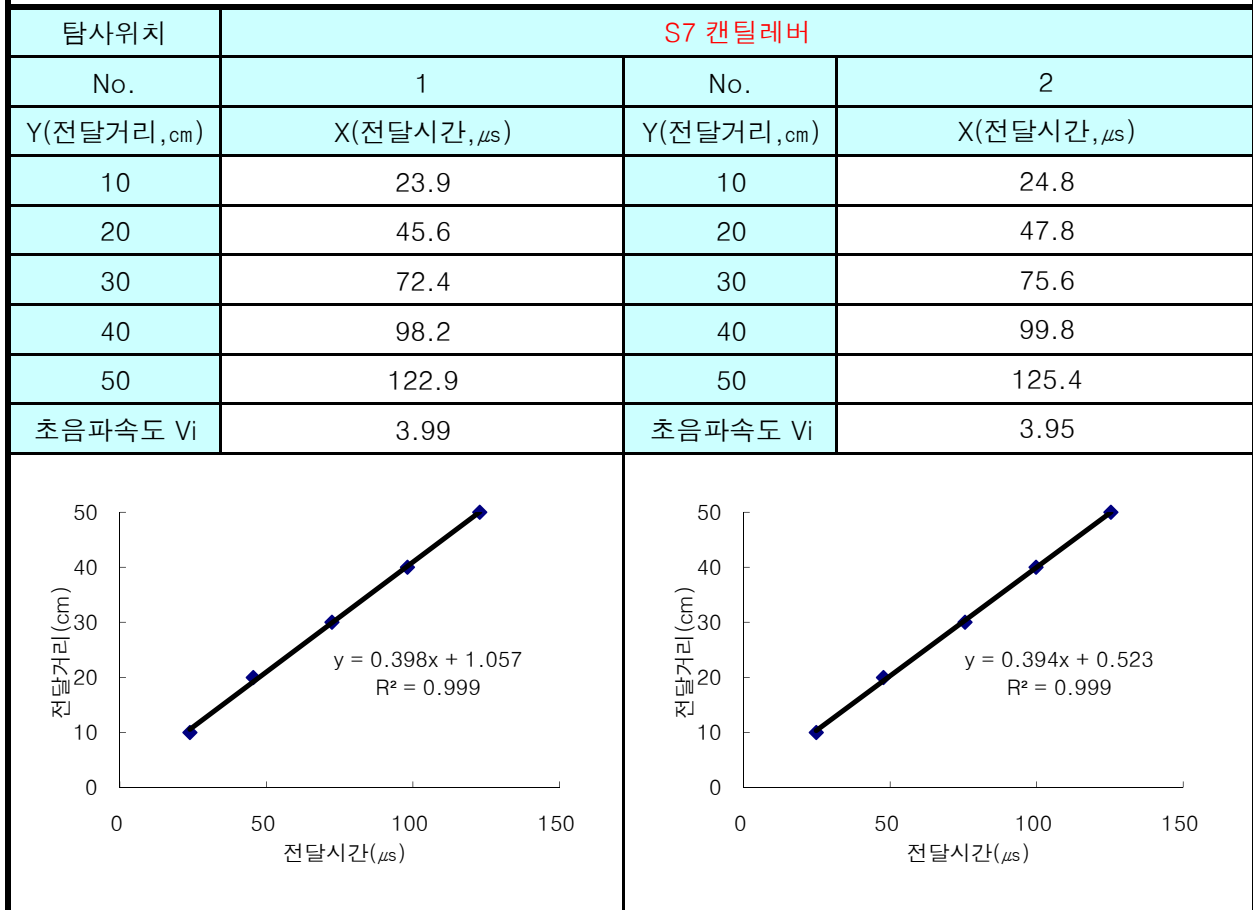
청도2교(부산) 초음파탐사 7



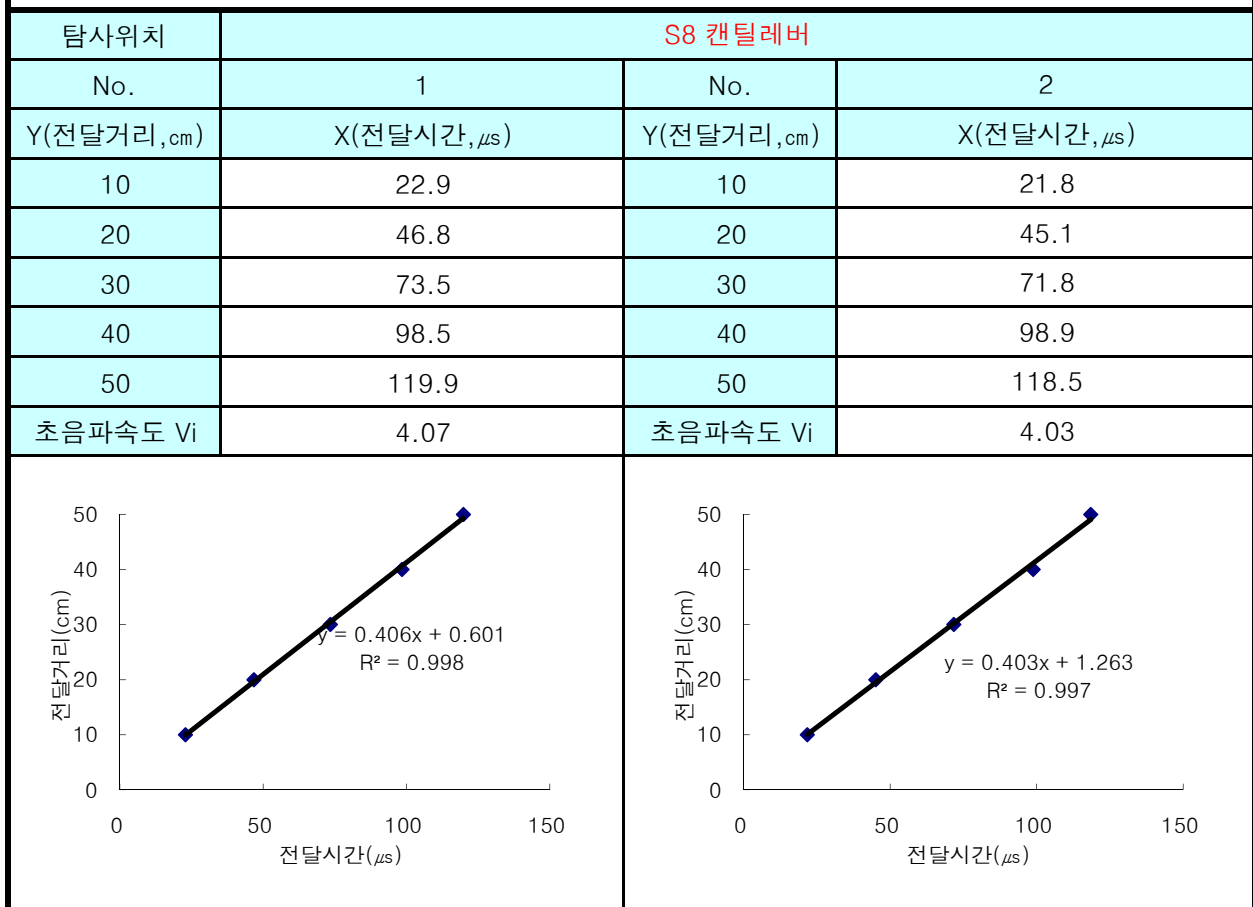
청도2교(부산) 초음파탐사 8



청도2교(부산) 초음파탐사 9



청도2교(부산) 초음파탐사 10



청도2교(부산) 초음파탐사 11

탐사위치	S9 캔틸레버		
No.	1	No.	2
Y(전달거리,cm)	X(전달시간, μ s)	Y(전달거리,cm)	X(전달시간, μ s)
10	25.1	10	24.8
20	49.0	20	48.8
30	75.6	30	74.1
40	100.7	40	99.1
50	125.6	50	123.5
초음파속도 Vi	3.96	초음파속도 Vi	4.04

$y = 0.395x + 0.247$
 $R^2 = 0.999$

$y = 0.403x + 0.102$
 $R^2 = 0.999$

청도2교(부산) 초음파탐사 12

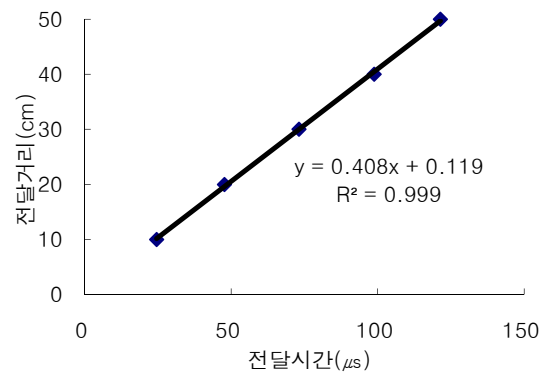
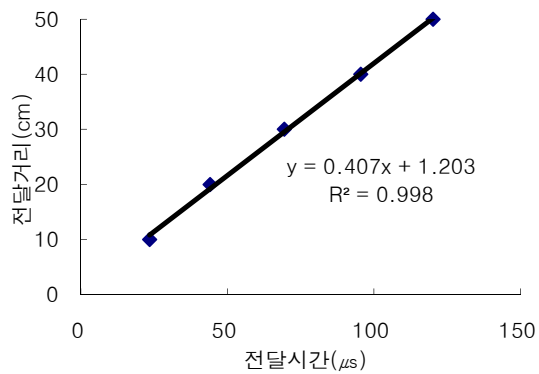
탐사위치	S10 캔틸레버		
No.	1	No.	2
Y(전달거리,cm)	X(전달시간, μ s)	Y(전달거리,cm)	X(전달시간, μ s)
10	24.5	10	22.8
20	48.1	20	46.2
30	74.2	30	73.2
40	99.3	40	95.7
50	125.6	50	120.3
초음파속도 Vi	3.95	초음파속도 Vi	4.09

$y = 0.394x + 0.672$
 $R^2 = 0.999$

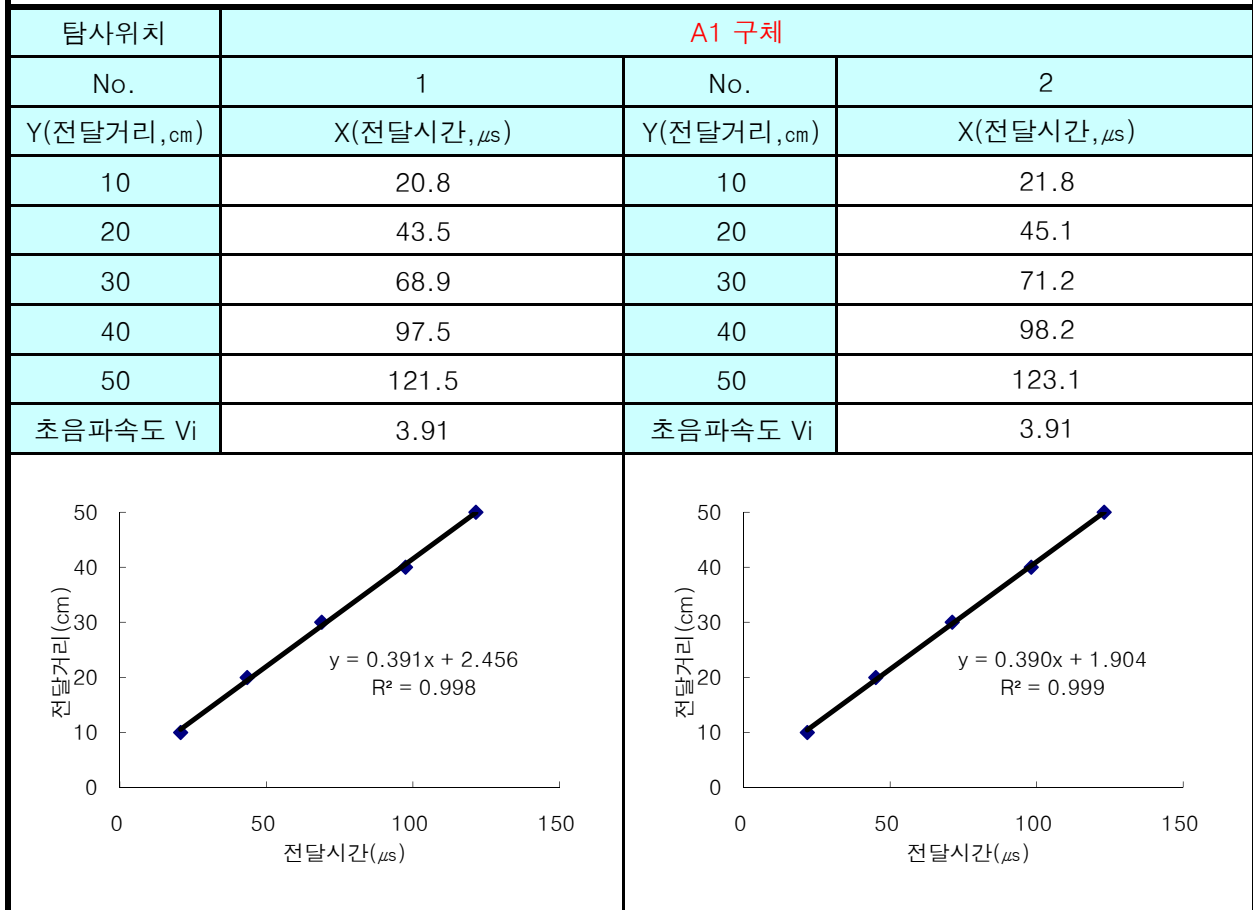
$y = 0.408x + 0.717$
 $R^2 = 0.999$

청도2교(부산) 초음파탐사 13

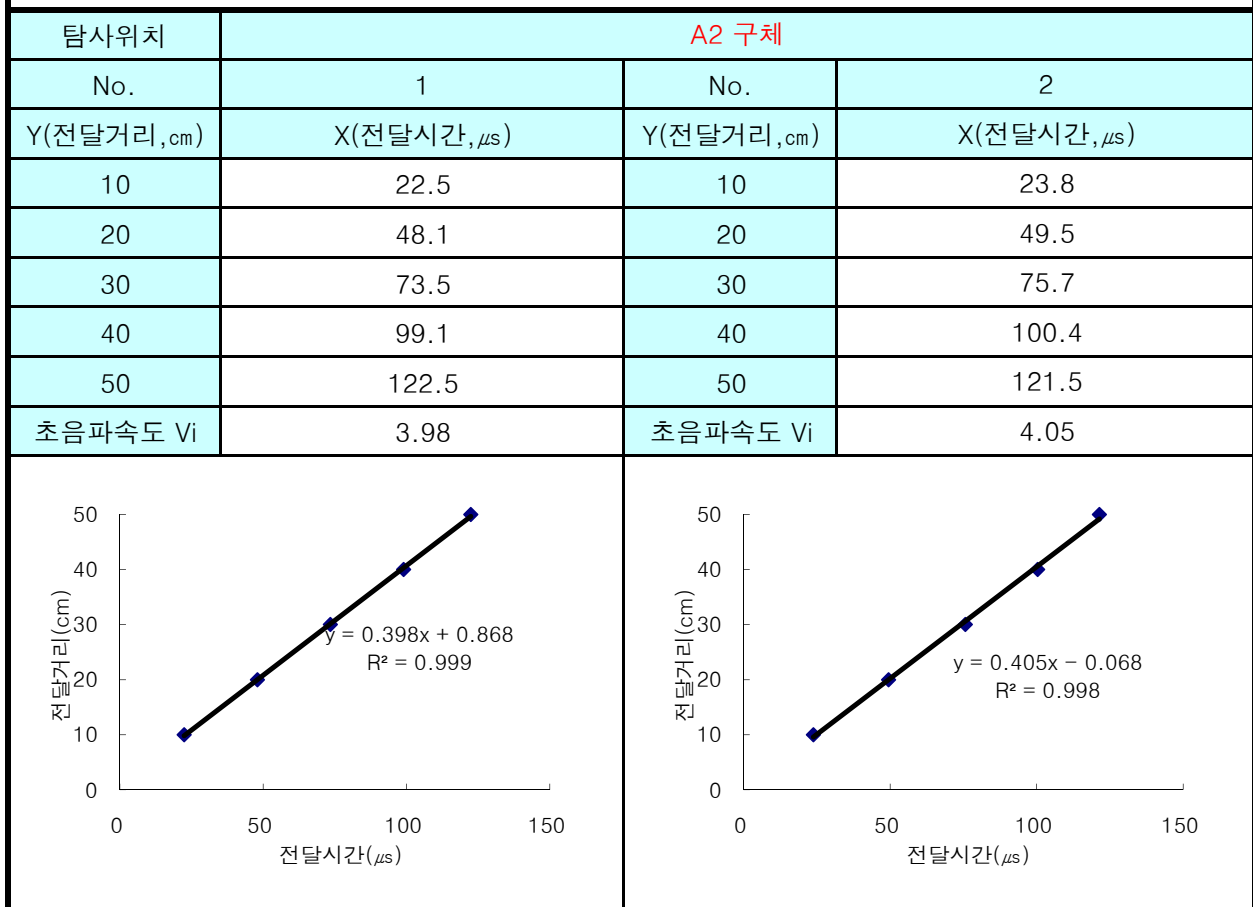
탐사위치	S11 캔틸레버		
No.	1	No.	2
Y(전달거리, cm)	X(전달시간, μs)	Y(전달거리, cm)	X(전달시간, μs)
10	23.5	10	24.6
20	44.2	20	47.8
30	69.5	30	73.2
40	95.6	40	98.8
50	120.2	50	121.5
초음파속도 Vi	4.08	초음파속도 Vi	4.08



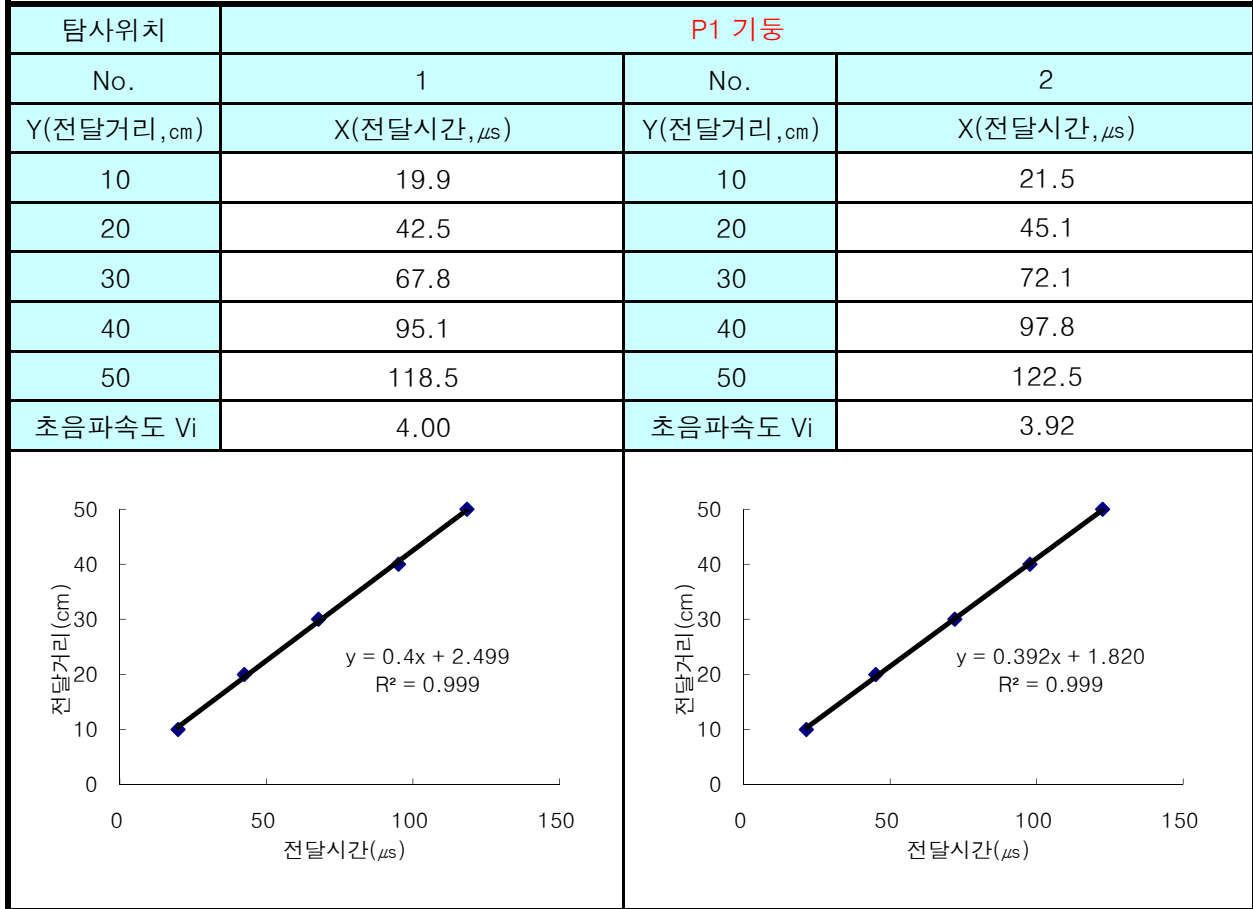
청도2교(부산) 초음파탐사 1



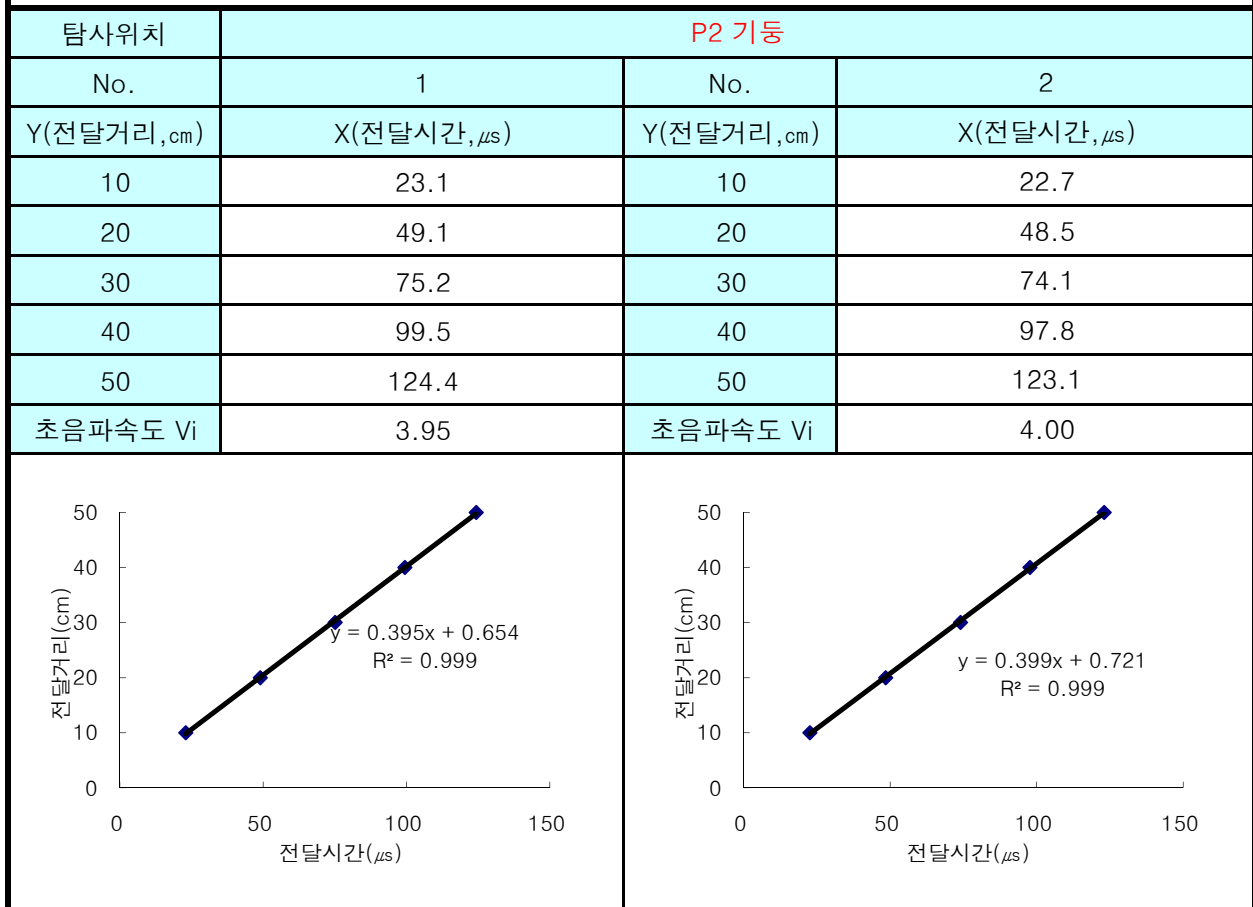
청도2교(부산) 초음파탐사 2



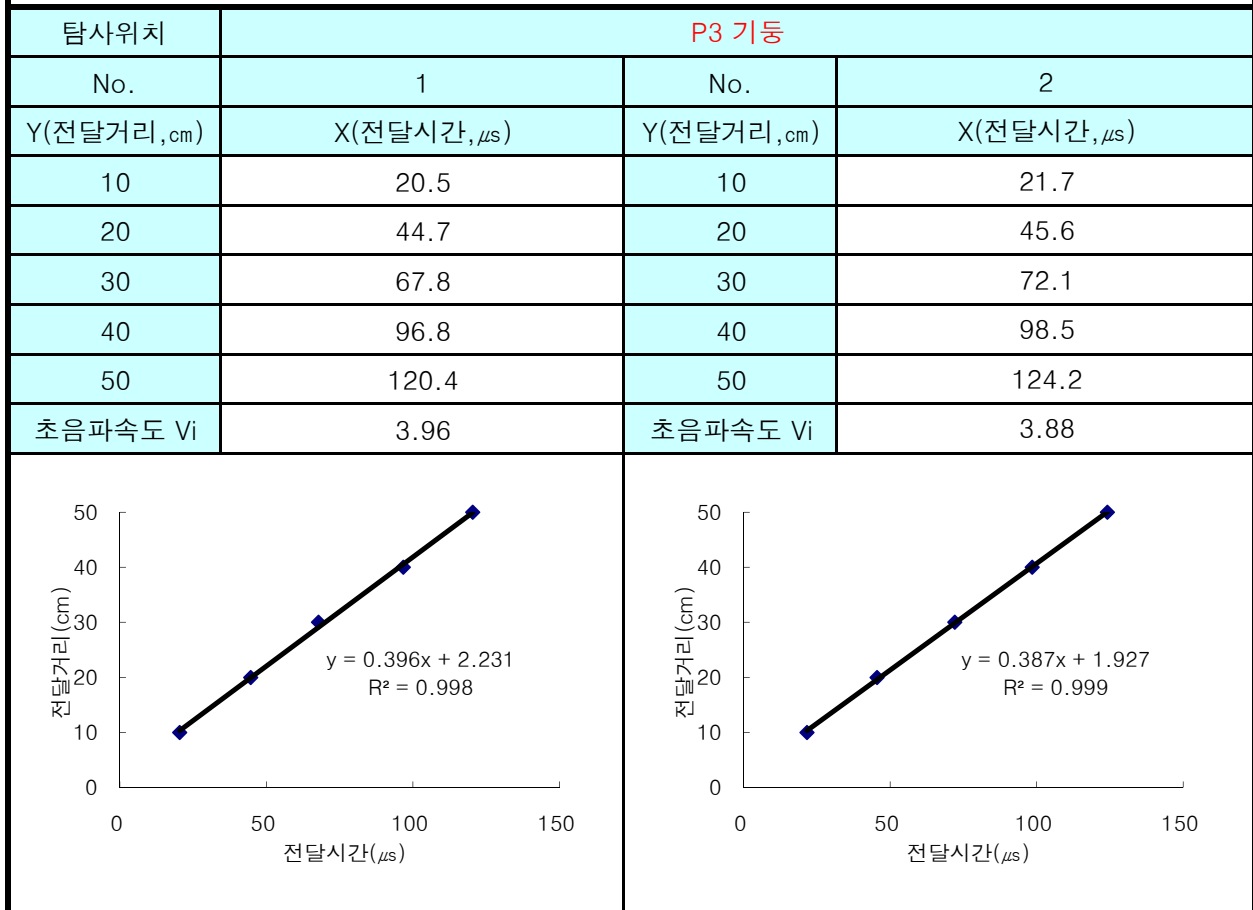
청도2교(부산) 초음파탐사 3



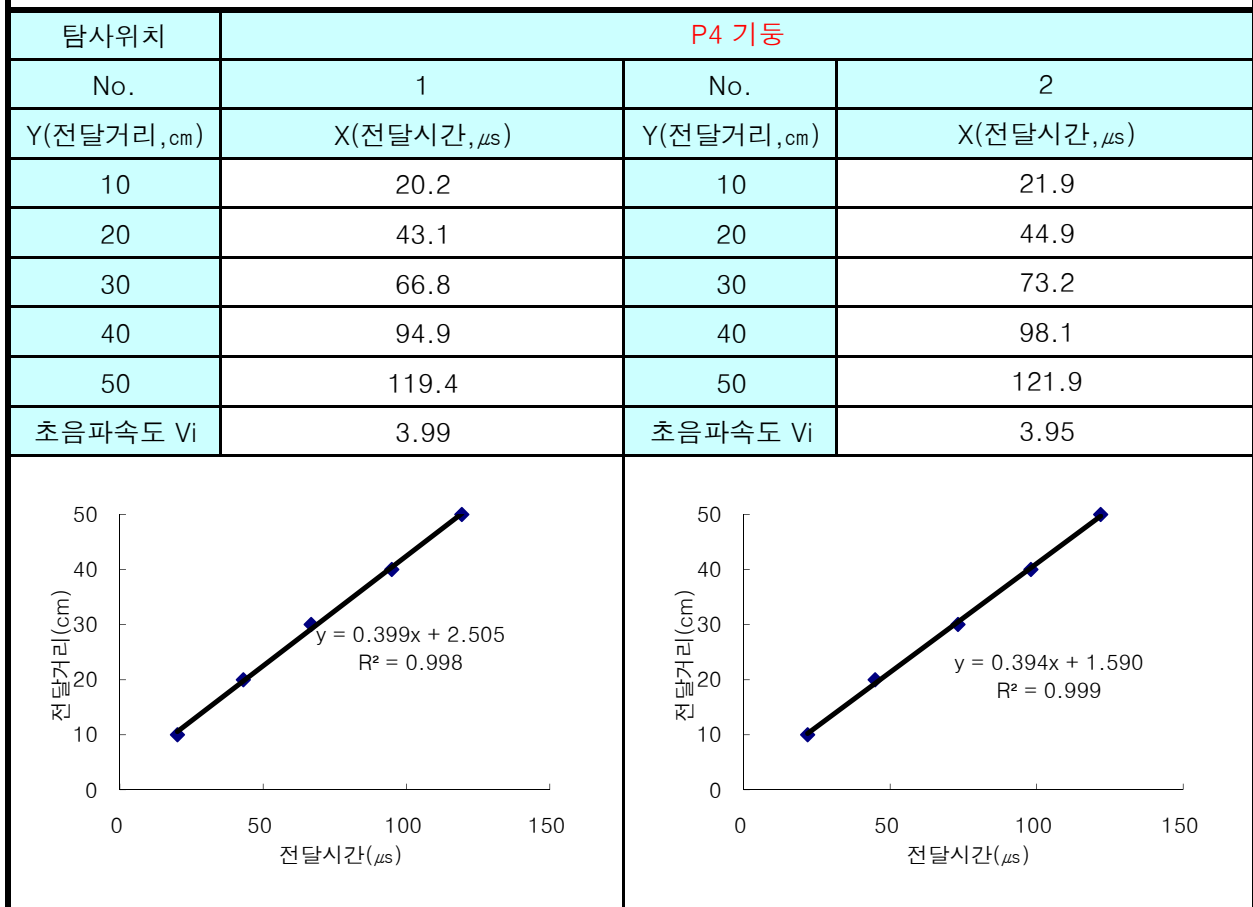
청도2교(부산) 초음파탐사 4



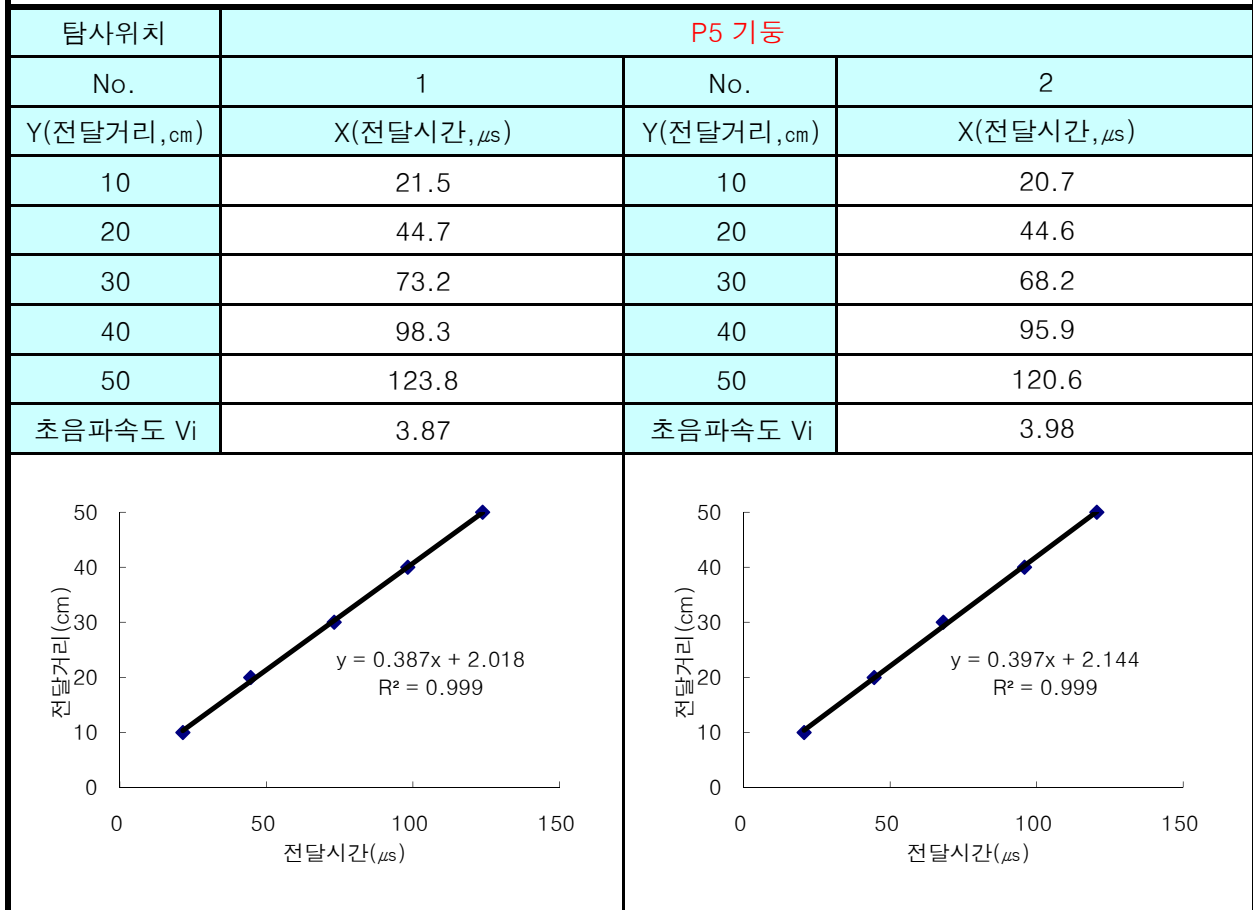
청도2교(부산) 초음파탐사 5



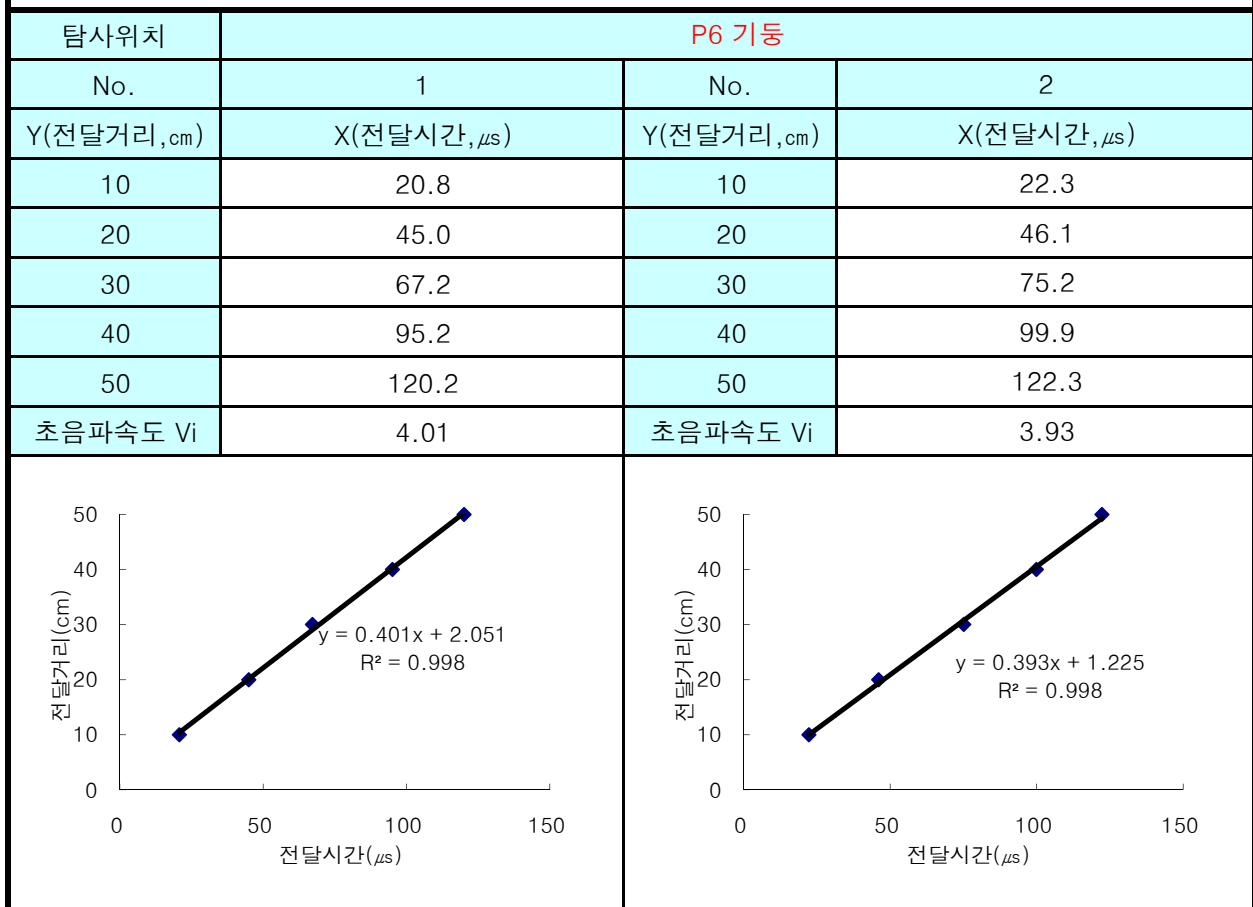
청도2교(부산) 초음파탐사 6



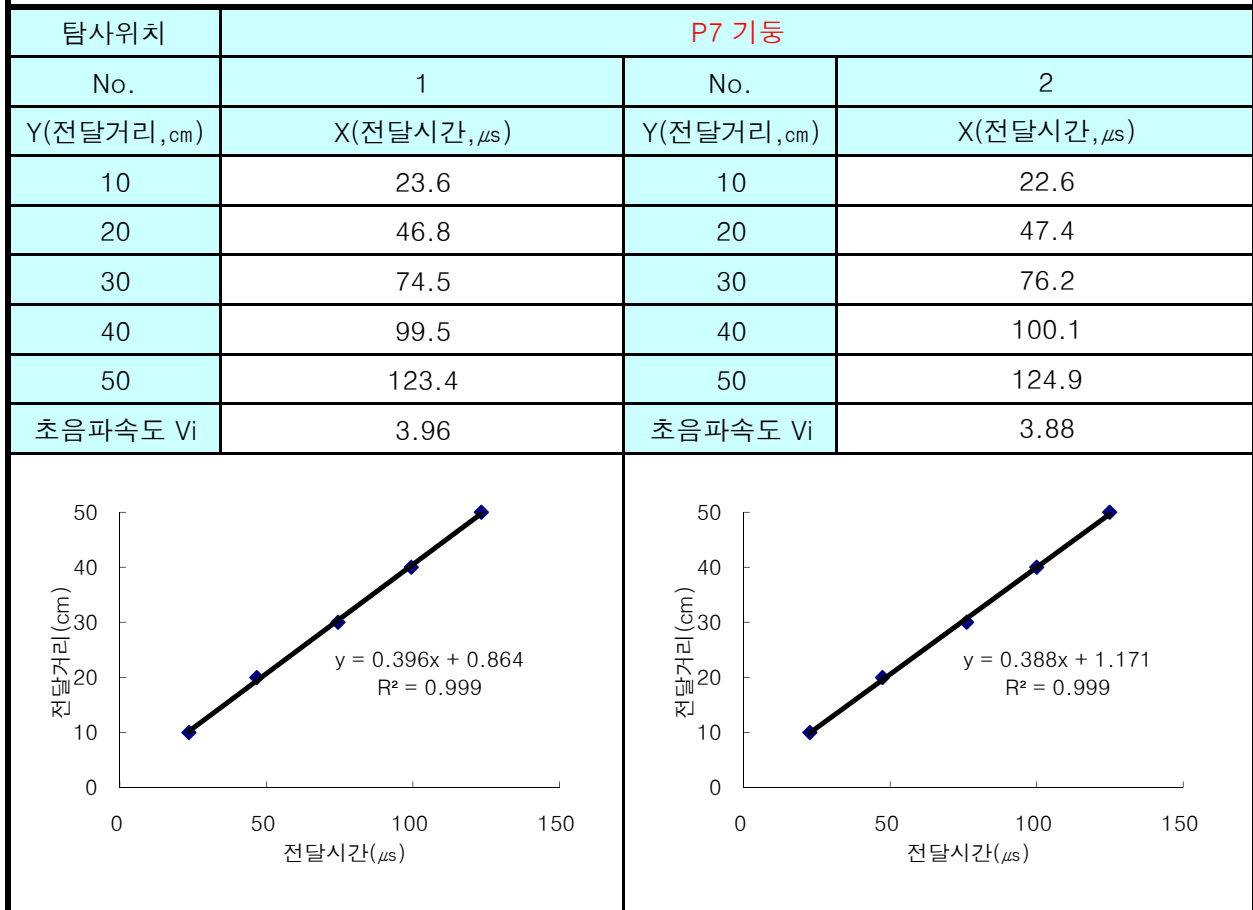
청도2교(부산) 초음파탐사 7



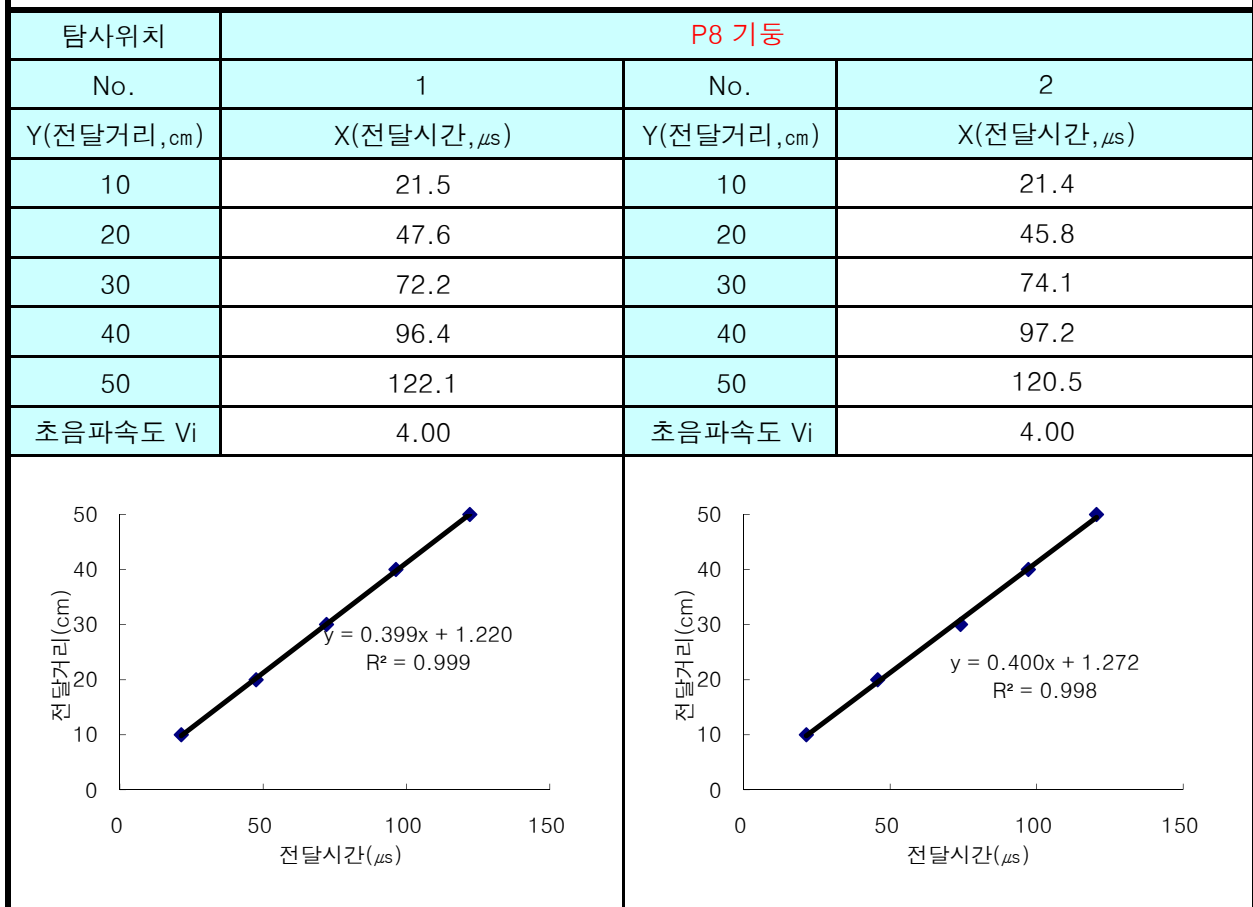
청도2교(부산) 초음파탐사 8



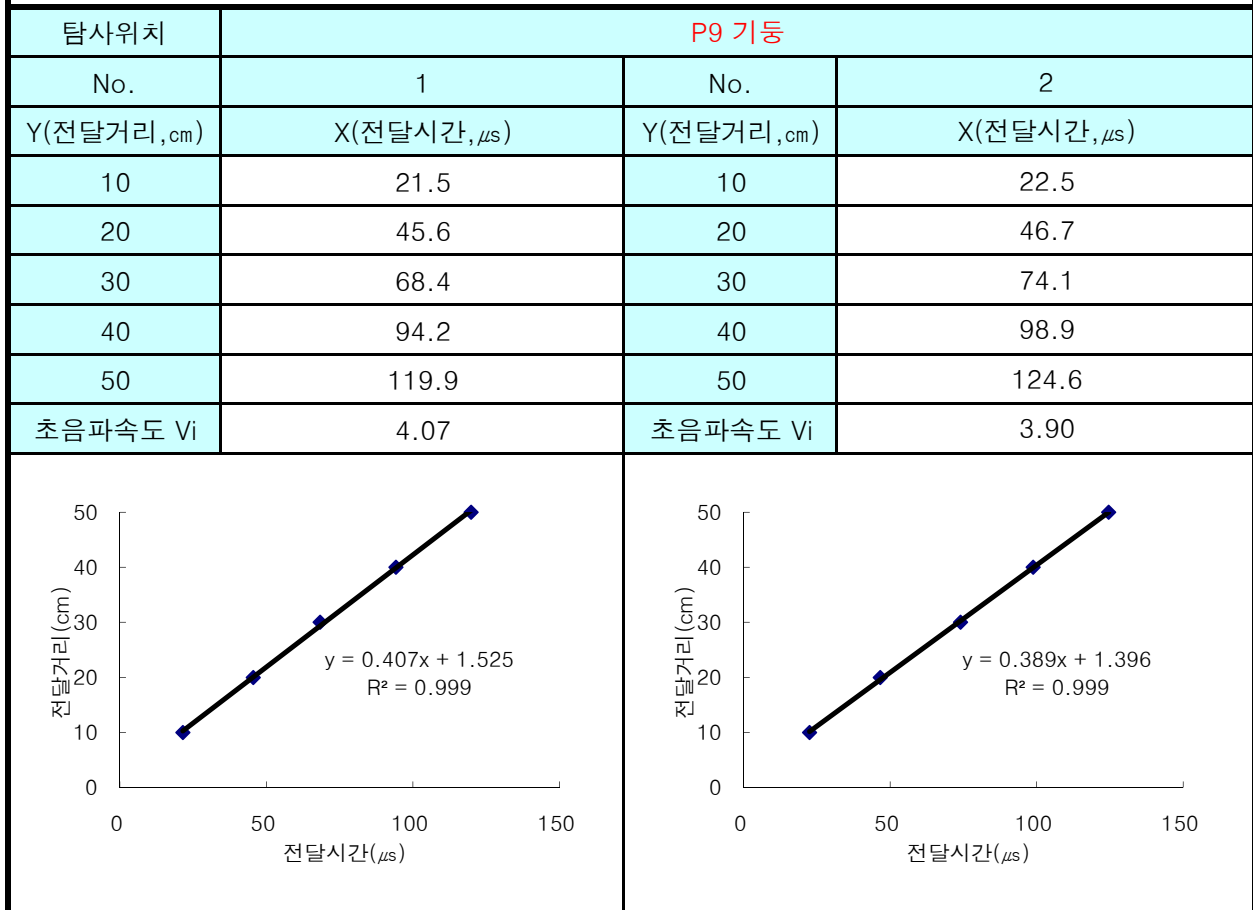
청도2교(부산) 초음파탐사 9



청도2교(부산) 초음파탐사 10



청도2교(부산) 초음파탐사 11



청도2교(부산) 초음파탐사 12

