

청도1교(부산) 초음파탐사 1

탐사위치	S1 캔틸레버		
No.	1	No.	2
Y(전달거리,cm)	X(전달시간, μs)	Y(전달거리,cm)	X(전달시간, μs)
10	24.6	10	23.9
20	46.2	20	45.1
30	71.5	30	72.5
40	98.5	40	97.9
50	123.8	50	122.4
초음파속도 Vi	3.98	초음파속도 Vi	4.00

$y = 0.398x + 0.954$
 $R^2 = 0.998$

$y = 0.399x + 1.068$
 $R^2 = 0.998$

청도1교(부산) 초음파탐사 2

탐사위치	S2 캔틸레버		
No.	1	No.	2
Y(전달거리,cm)	X(전달시간, μs)	Y(전달거리,cm)	X(전달시간, μs)
10	25.1	10	24.1
20	48.1	20	46.9
30	72.5	30	71.8
40	97.3	40	96.3
50	123.5	50	124.3
초음파속도 Vi	4.06	초음파속도 Vi	4.00

$y = 0.406x + 0.219$
 $R^2 = 0.999$

$y = 0.399x + 0.941$
 $R^2 = 0.998$

청도1교(부산) 초음파탐사 3

탐사위치	S3 캔틸레버		
No.	1	No.	2
Y(전달거리,cm)	X(전달시간, μs)	Y(전달거리,cm)	X(전달시간, μs)
10	24.2	10	23.8
20	45.8	20	45.6
30	72.3	30	73.7
40	97.9	40	98.2
50	122.5	50	123.8
초음파속도 Vi	4.02	초음파속도 Vi	3.95

$y = 0.401x + 0.859$
 $R^2 = 0.999$

$y = 0.395x + 1.123$
 $R^2 = 0.998$

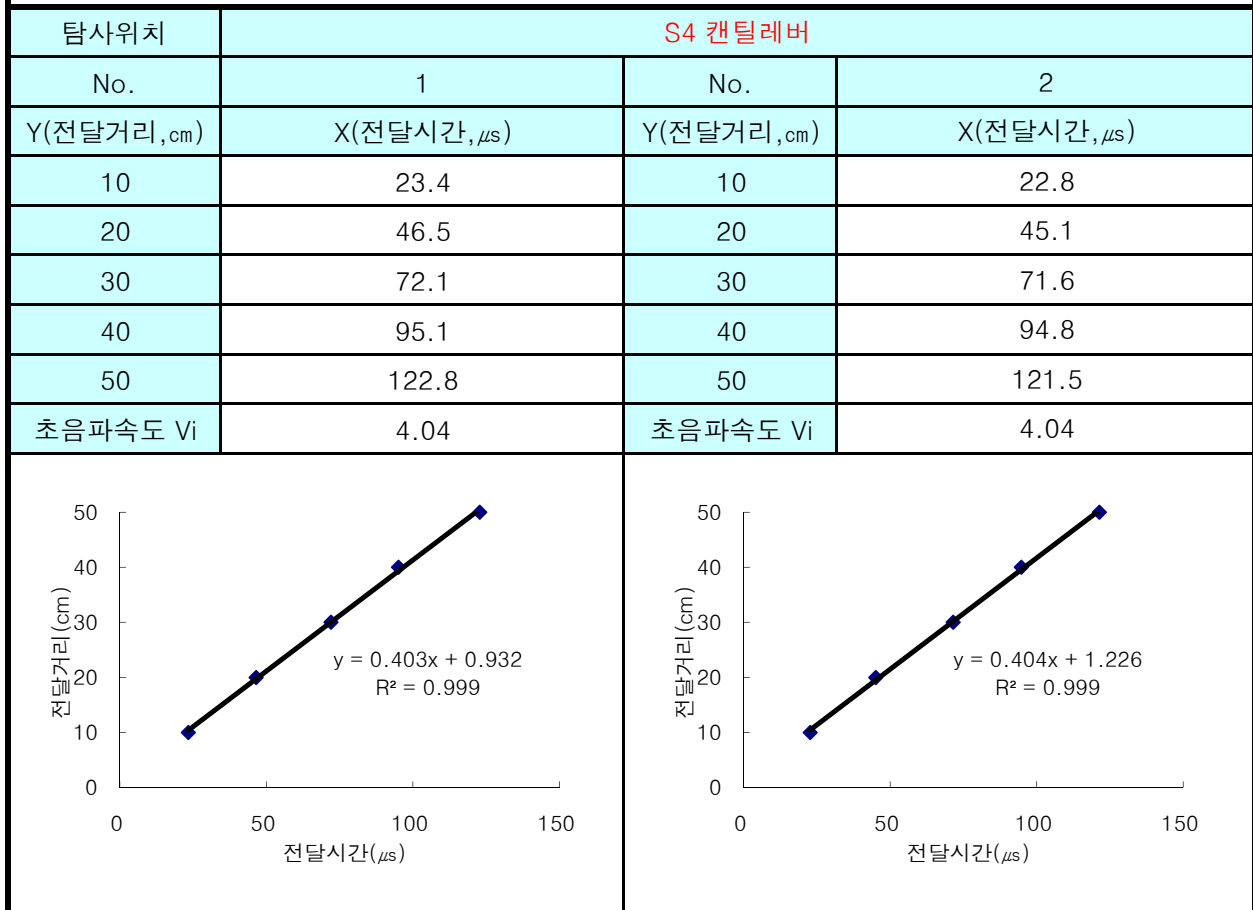
청도1교(부산) 초음파탐사 4

탐사위치	S4 캔틸레버		
No.	1	No.	2
Y(전달거리,cm)	X(전달시간, μs)	Y(전달거리,cm)	X(전달시간, μs)
10	25.2	10	24.1
20	49.5	20	48.1
30	72.4	30	73.5
40	98.2	40	99.8
50	125.6	50	124.8
초음파속도 Vi	4.00	초음파속도 Vi	3.95

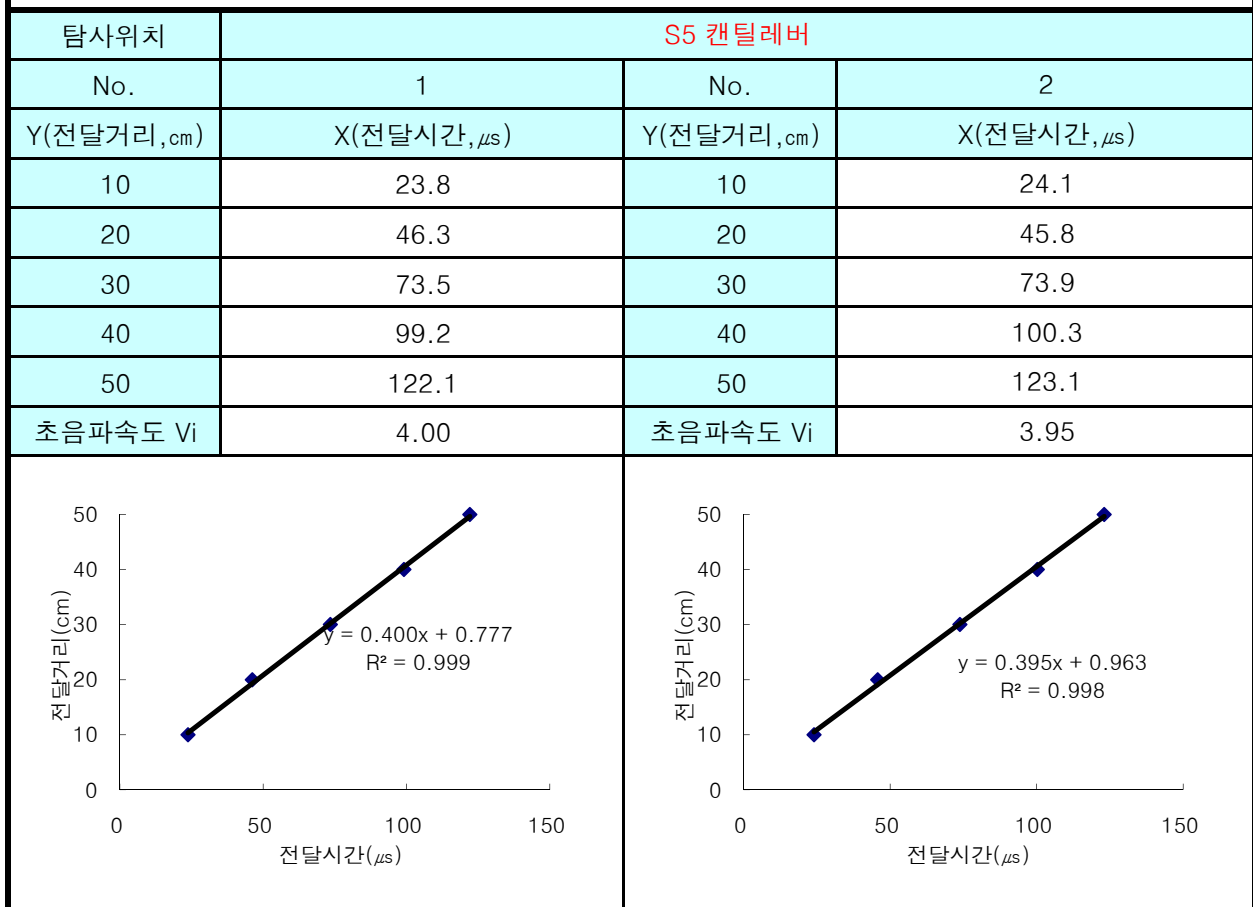
$y = 0.400x + 0.303$
 $R^2 = 0.998$

$y = 0.395x + 0.745$
 $R^2 = 0.999$

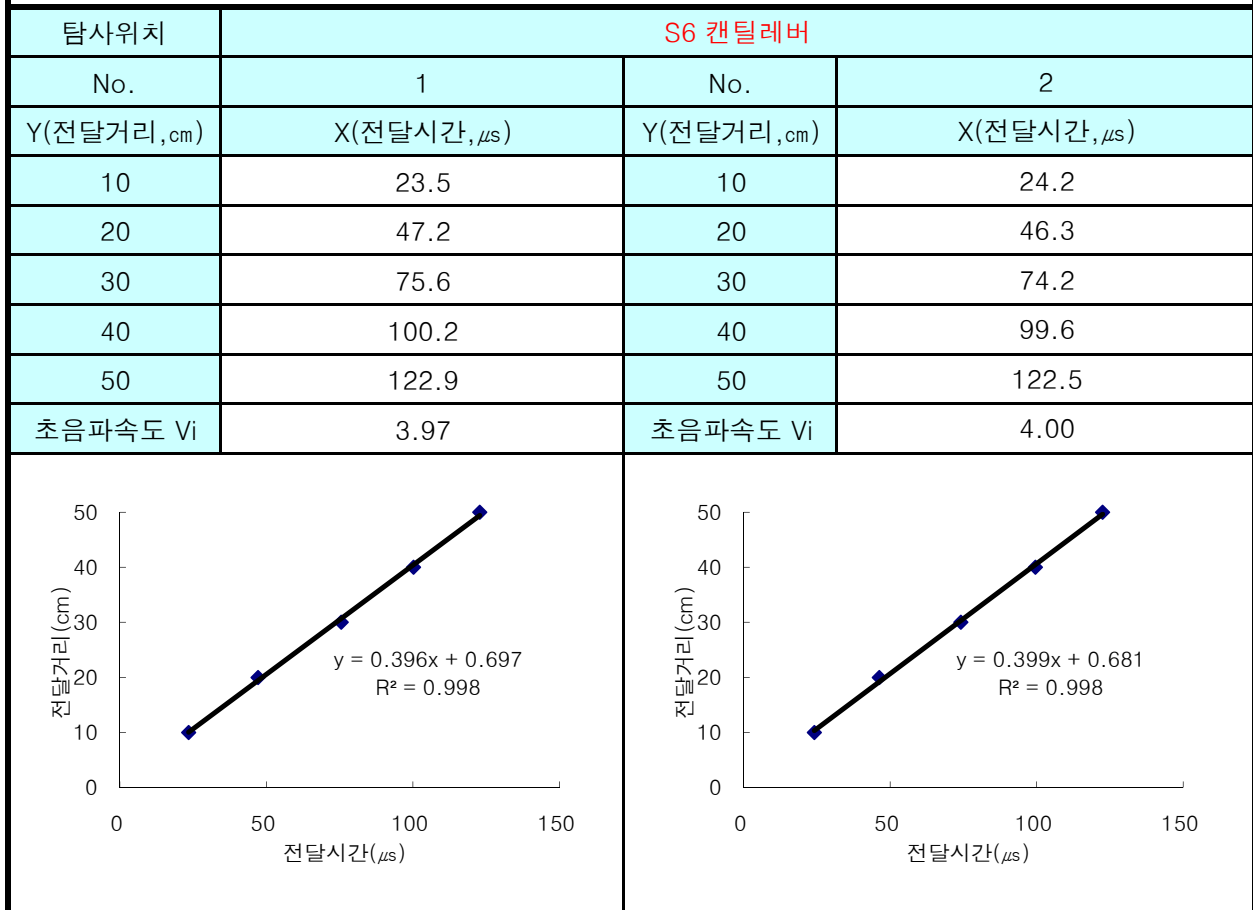
청도1교(부산) 초음파탐사 5



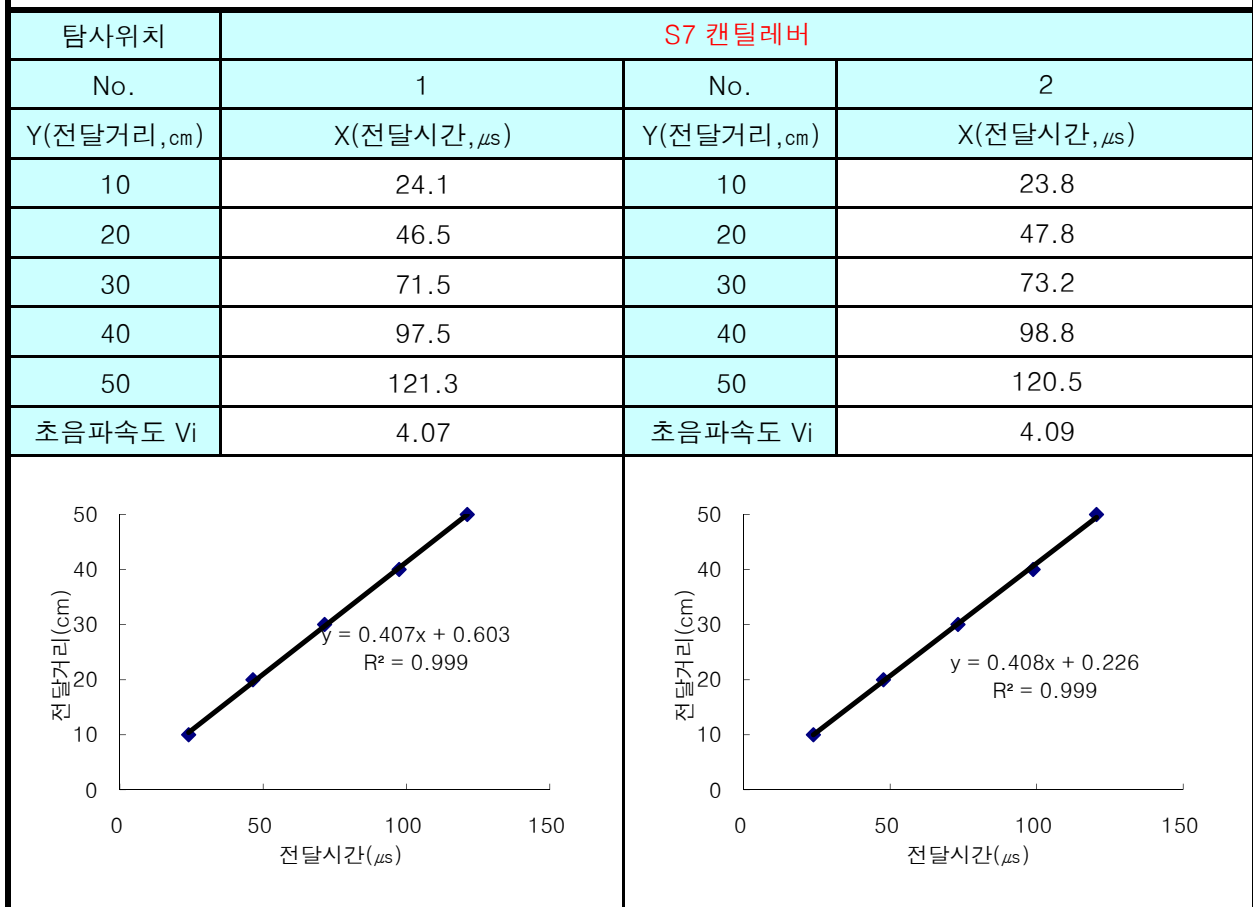
청도1교(부산) 초음파탐사 6



청도1교(부산) 초음파탐사 7



청도1교(부산) 초음파탐사 8



청도1교(부산) 초음파탐사 9

탐사위치	S8 캔틸레버		
No.	1	No.	2
Y(전달거리,cm)	X(전달시간, μs)	Y(전달거리,cm)	X(전달시간, μs)
10	23.8	10	23.6
20	46.7	20	47.2
30	70.2	30	72.5
40	95.6	40	96.9
50	121.9	50	122.5
초음파속도 Vi	4.08	초음파속도 Vi	4.04

$y = 0.407x + 0.797$
 $R^2 = 0.999$

$y = 0.404x + 0.695$
 $R^2 = 0.999$

청도1교(부산) 초음파탐사 10

탐사위치	S8 캔틸레버		
No.	1	No.	2
Y(전달거리,cm)	X(전달시간, μs)	Y(전달거리,cm)	X(전달시간, μs)
10	24.2	10	23.8
20	47.2	20	45.1
30	73.8	30	72.9
40	97.8	40	96.2
50	124.5	50	121.6
초음파속도 Vi	3.98	초음파속도 Vi	4.05

$y = 0.397x + 0.757$
 $R^2 = 0.999$

$y = 0.404x + 0.882$
 $R^2 = 0.998$

청도1교(부산) 초음파탐사 11

탐사위치	S9 캔틸레버		
No.	1	No.	2
Y(전달거리,cm)	X(전달시간, μs)	Y(전달거리,cm)	X(전달시간, μs)
10	23.8	10	24.3
20	47.1	20	47.9
30	72.6	30	74.3
40	98.5	40	99.2
50	123.5	50	124.5
초음파속도 Vi	3.99	초음파속도 Vi	3.97

$y = 0.398x + 0.862$
 $R^2 = 0.999$

$y = 0.397x + 0.590$
 $R^2 = 0.999$

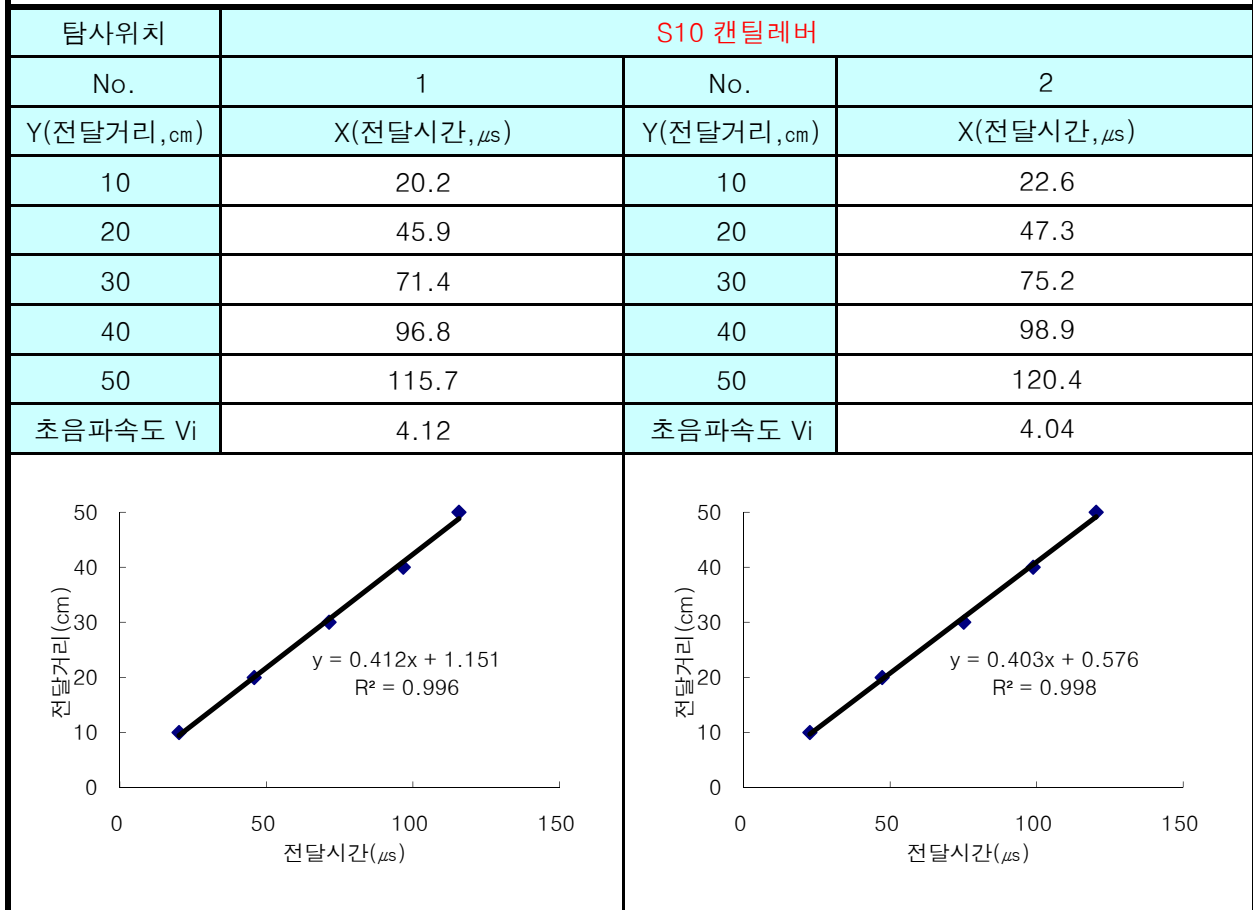
청도1교(부산) 초음파탐사 12

탐사위치	S10 캔틸레버		
No.	1	No.	2
Y(전달거리,cm)	X(전달시간, μs)	Y(전달거리,cm)	X(전달시간, μs)
10	26.8	10	23.5
20	51.2	20	46.8
30	77.6	30	73.9
40	103.5	40	98.9
50	125.2	50	124.1
초음파속도 Vi	4.01	초음파속도 Vi	3.95

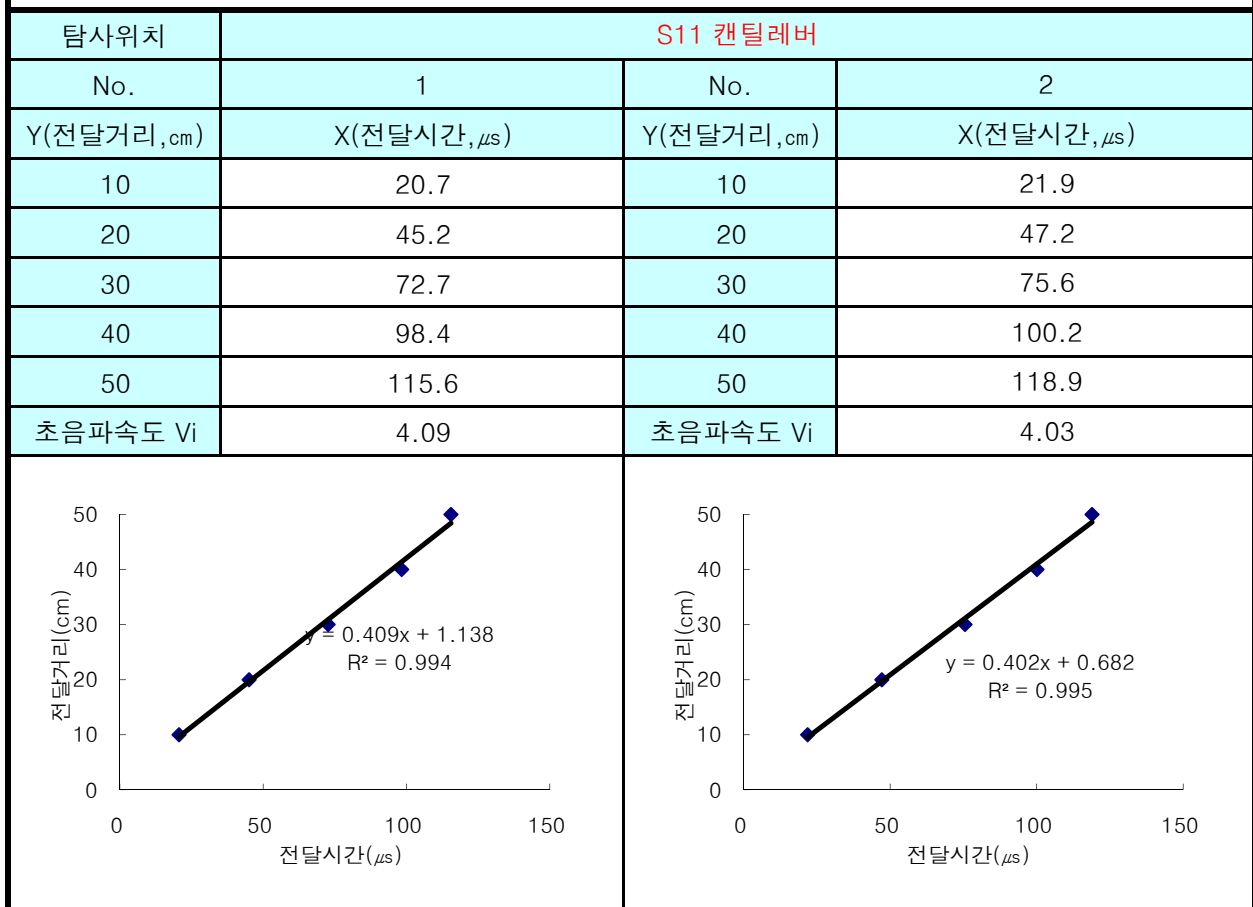
$y = 0.401x - 0.823$
 $R^2 = 0.999$

$y = 0.394x + 1.017$
 $R^2 = 0.999$

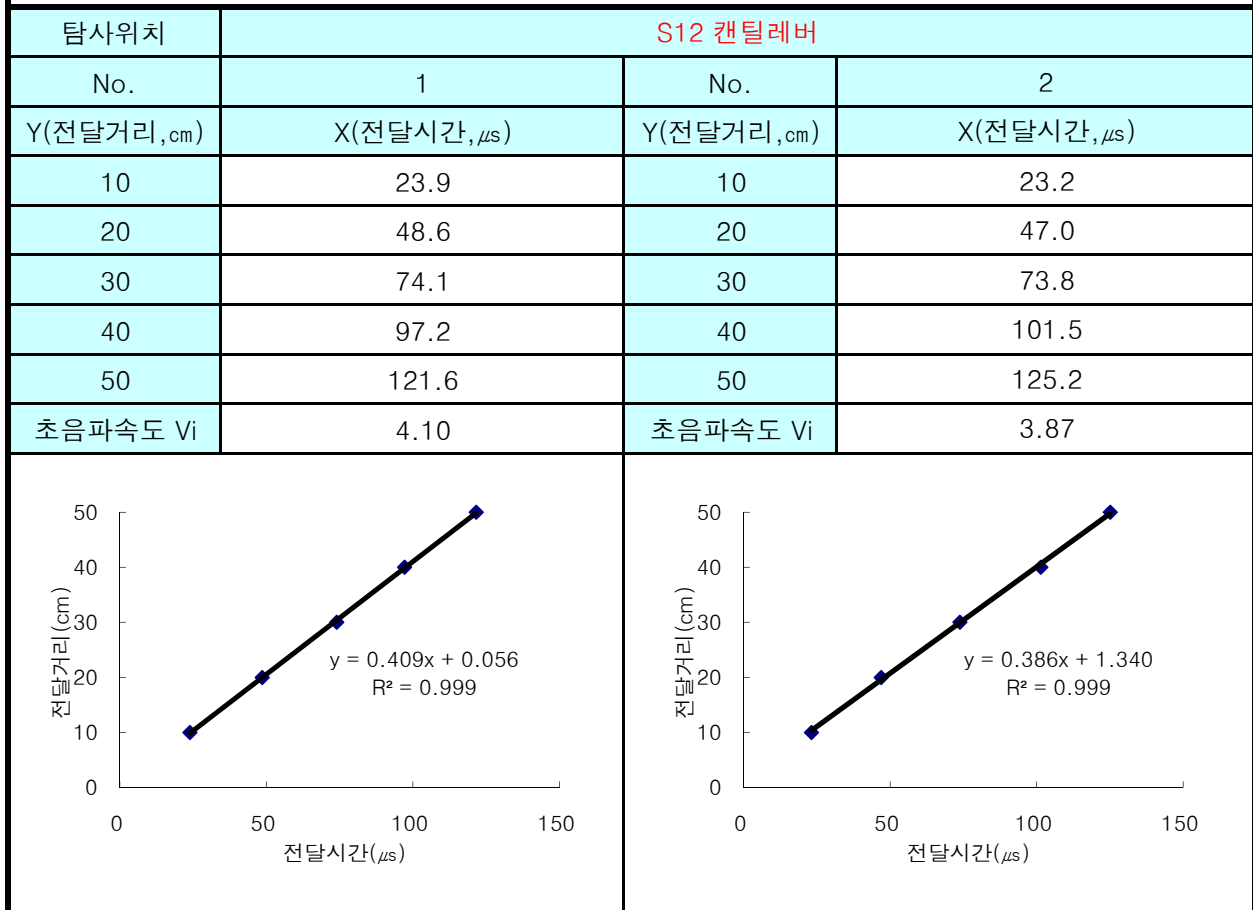
청도1교(부산) 초음파탐사 13



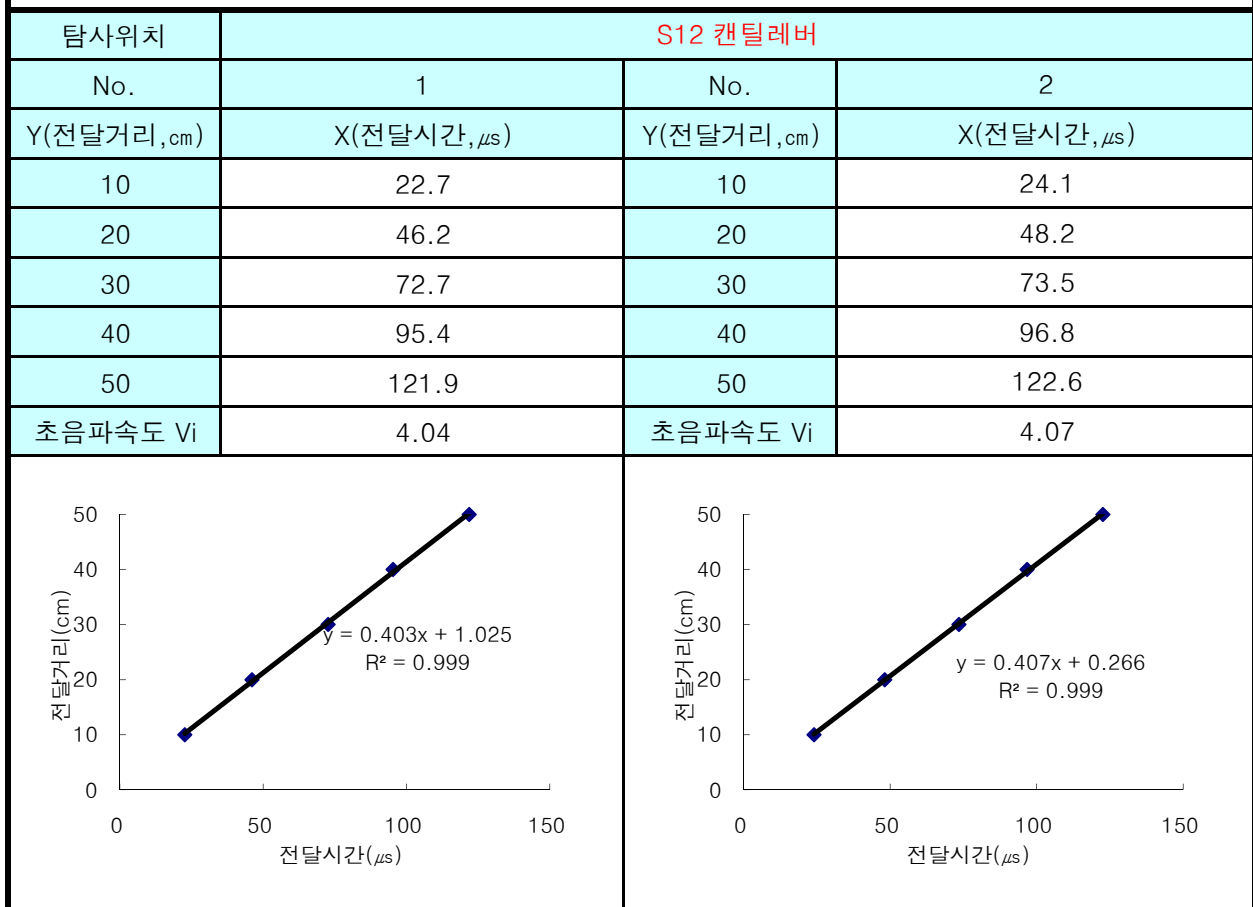
청도1교(부산) 초음파탐사 14



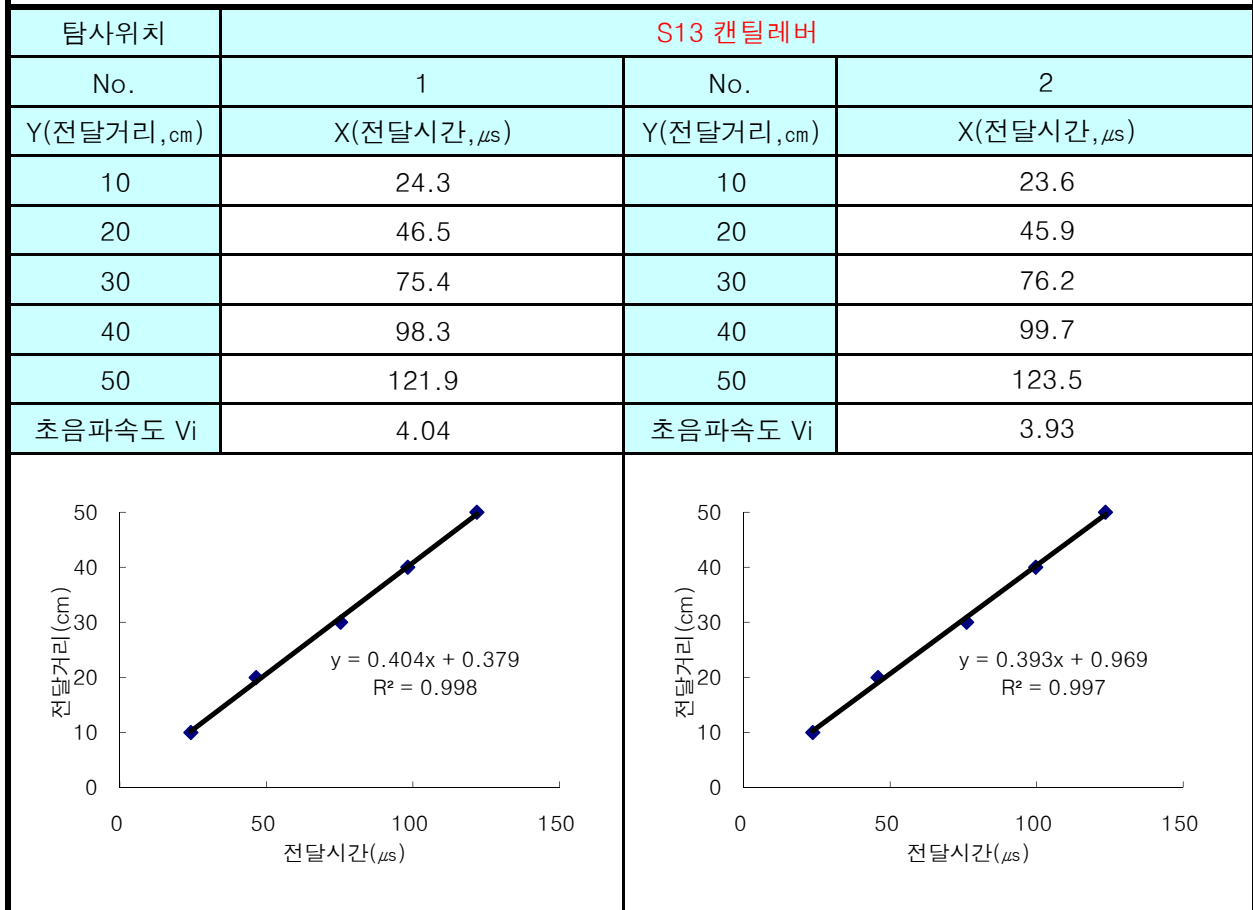
청도1교(부산) 초음파탐사 15



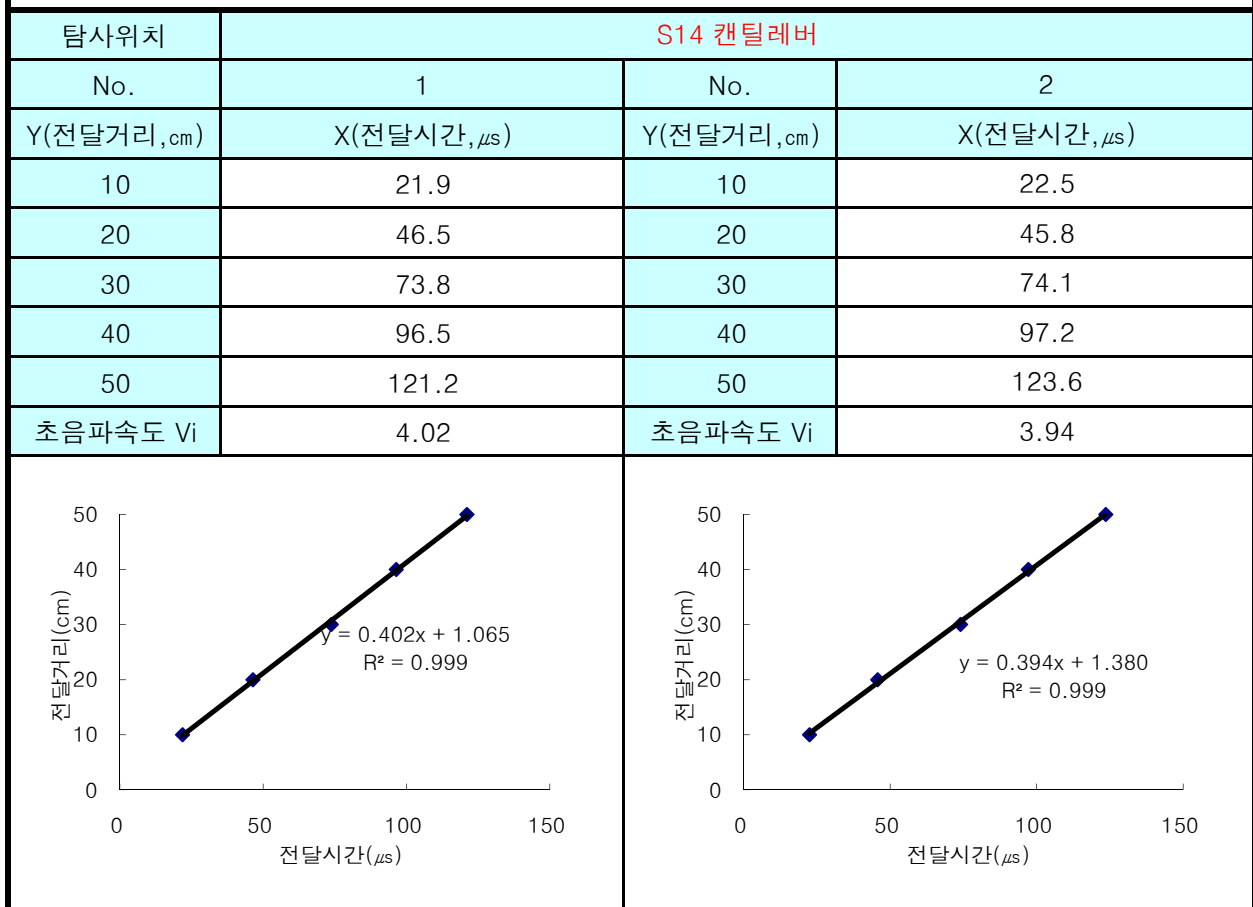
청도1교(부산) 초음파탐사 16



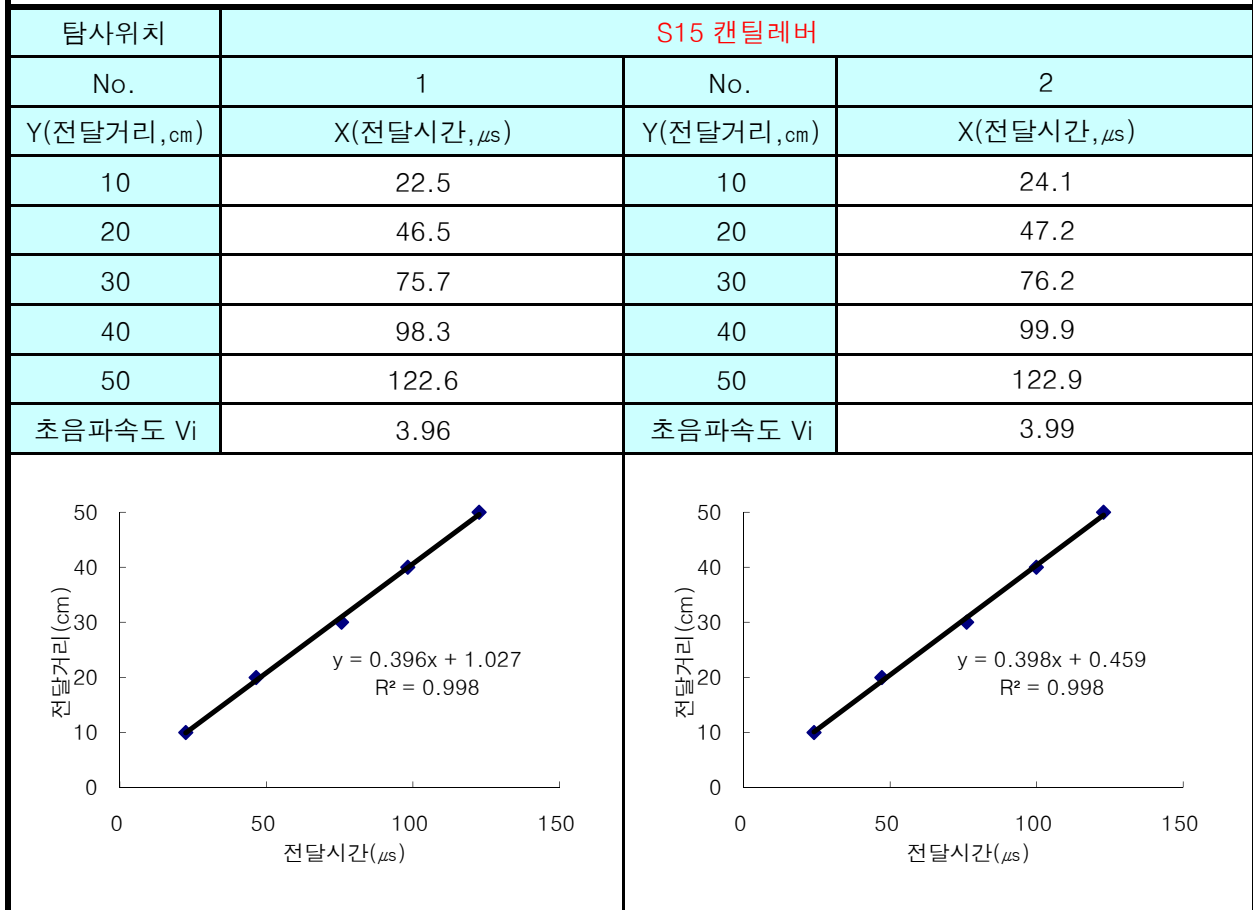
청도1교(부산) 초음파탐사 17



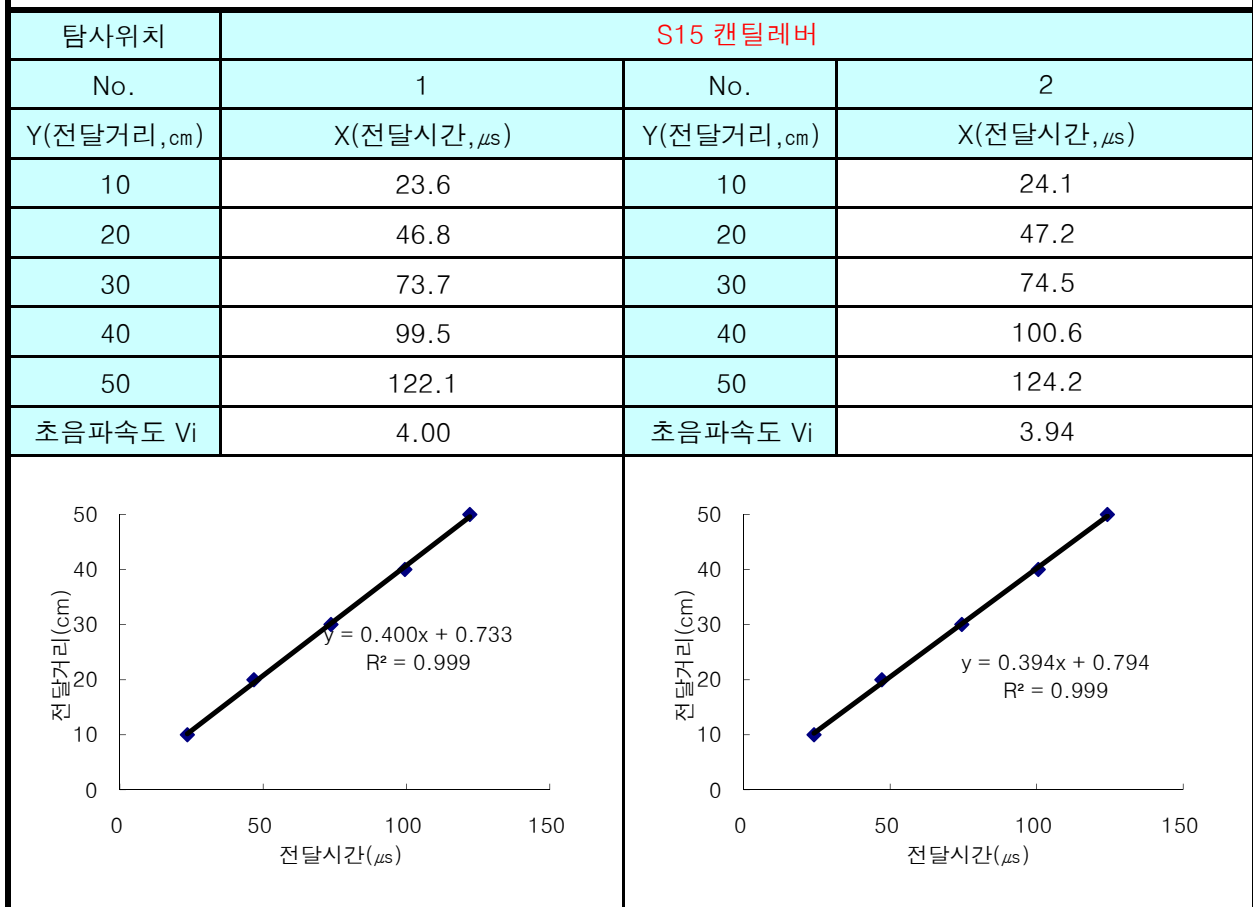
청도1교(부산) 초음파탐사 18



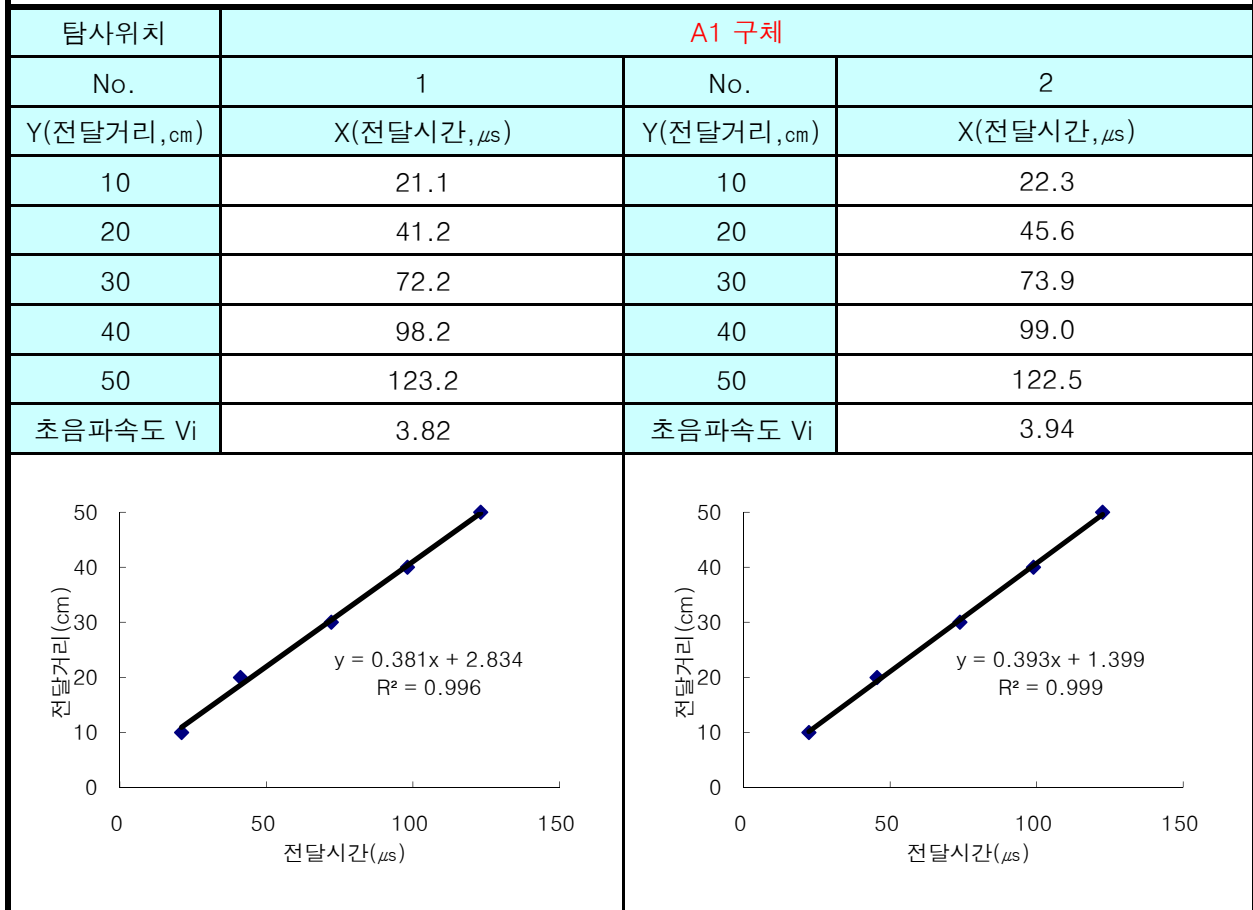
청도1교(부산) 초음파탐사 19



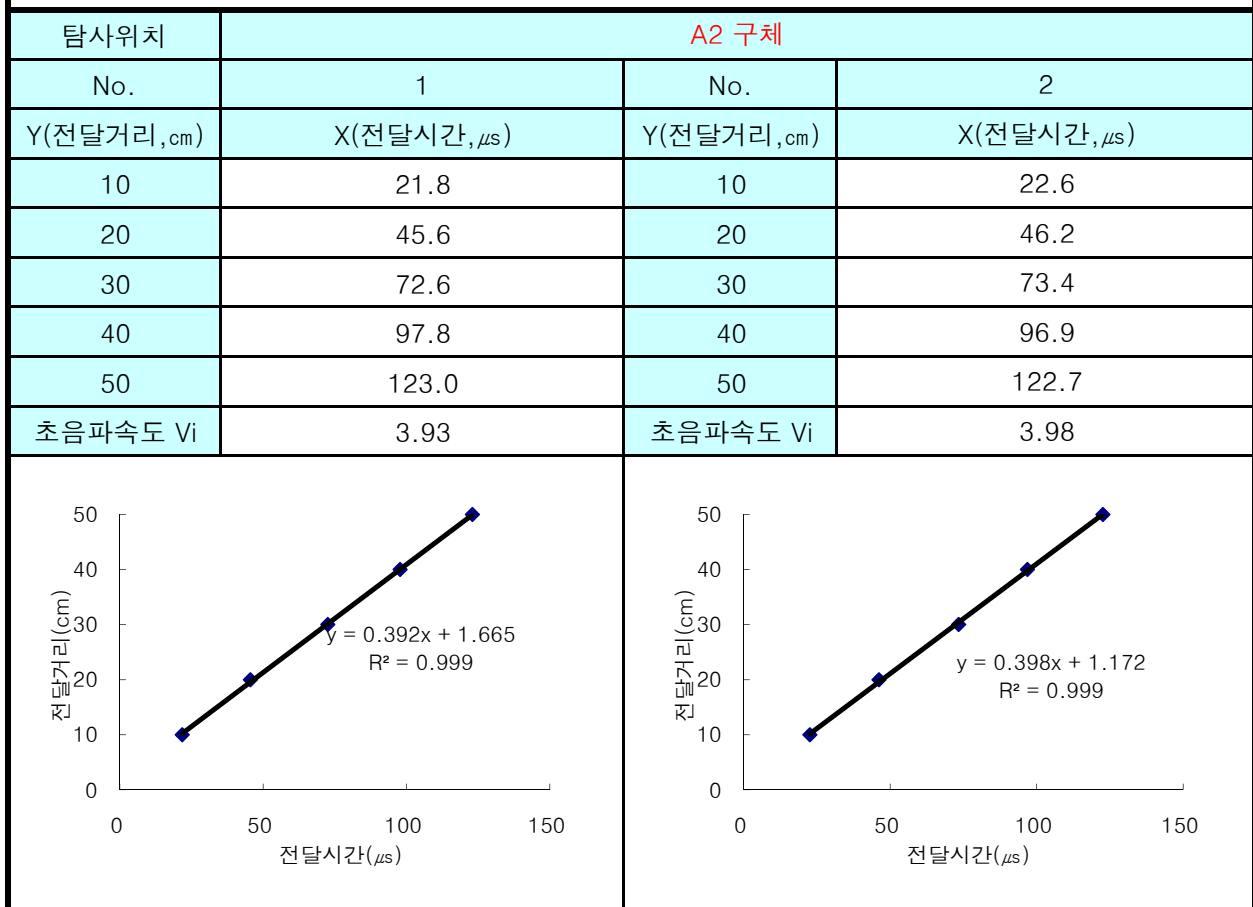
청도1교(부산) 초음파탐사 20



청도1교(부산) 초음파탐사 1



청도1교(부산) 초음파탐사 2



청도1교(부산) 초음파탐사 3

탐사위치	P1 기둥		
No.	1	No.	2
Y(전달거리,cm)	X(전달시간, μs)	Y(전달거리,cm)	X(전달시간, μs)
10	23.1	10	22.2
20	46.7	20	45.8
30	74.8	30	73.9
40	99.6	40	98.1
50	124.8	50	123.5
초음파속도 Vi	3.90	초음파속도 Vi	3.92

$y = 0.39x + 1.221$
 $R^2 = 0.999$

$y = 0.392x + 1.495$
 $R^2 = 0.999$

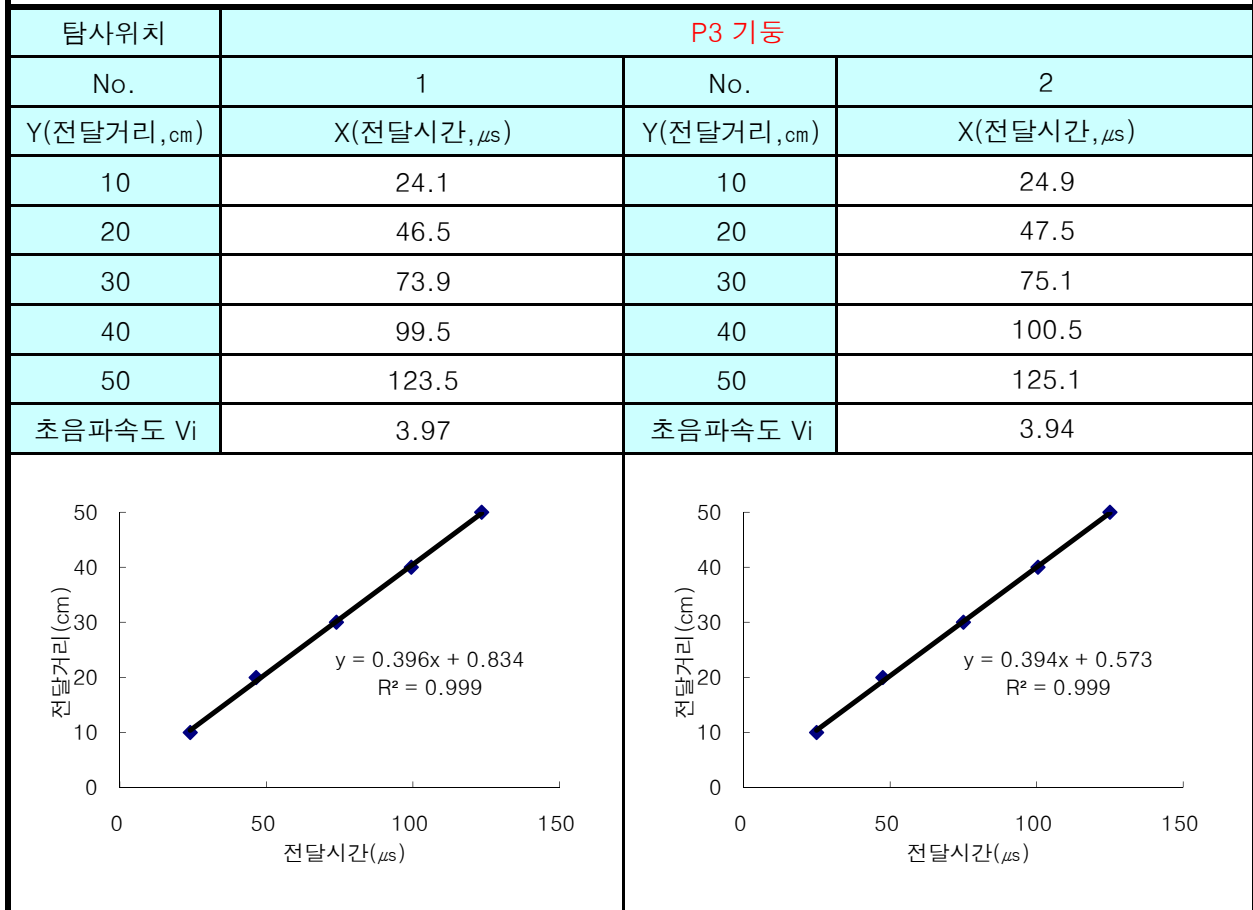
청도1교(부산) 초음파탐사 4

탐사위치	P2 기둥		
No.	1	No.	2
Y(전달거리,cm)	X(전달시간, μs)	Y(전달거리,cm)	X(전달시간, μs)
10	21.9	10	22.5
20	46.2	20	46.8
30	73.5	30	74.1
40	97.1	40	98.2
50	122.5	50	123.5
초음파속도 Vi	3.97	초음파속도 Vi	3.95

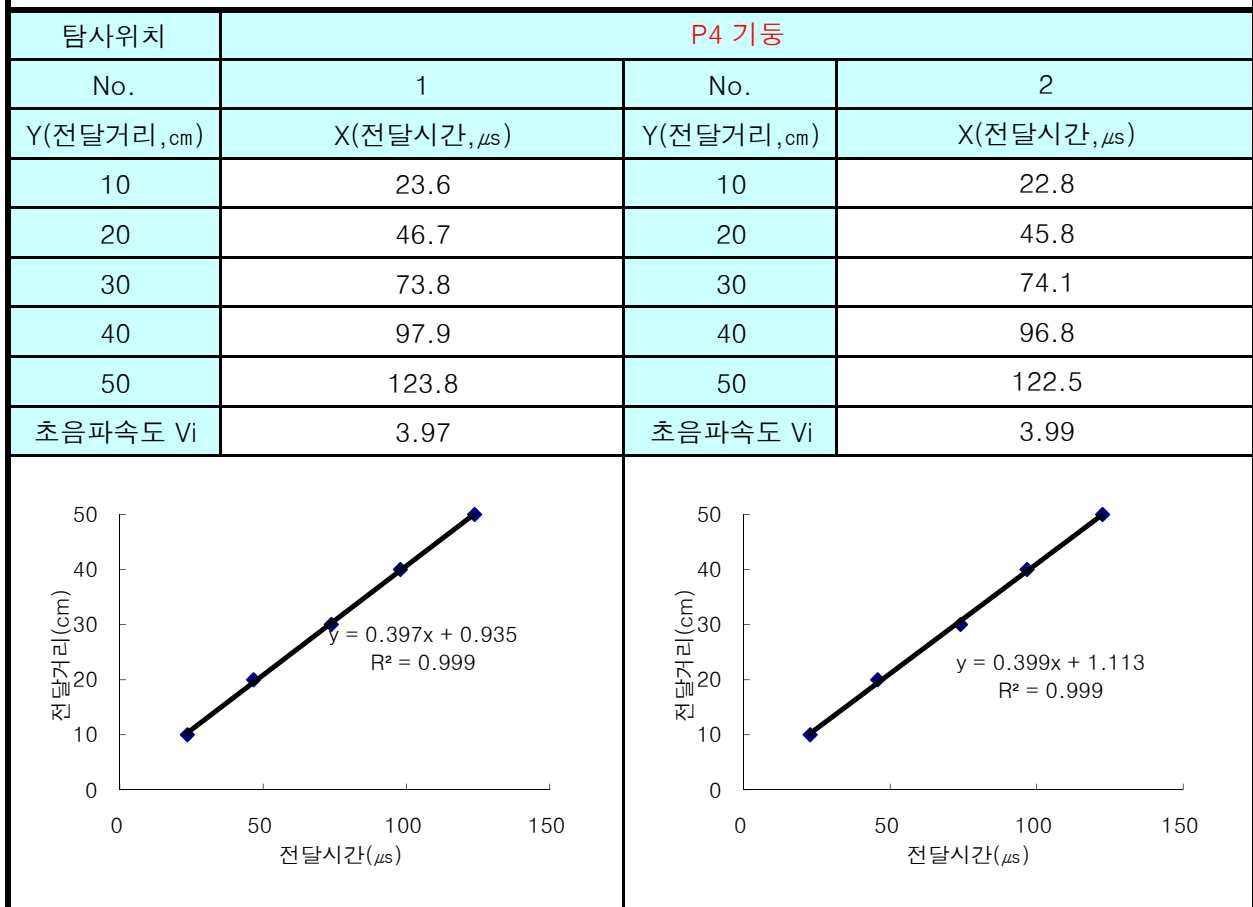
$y = 0.396x + 1.355$
 $R^2 = 0.999$

$y = 0.394x + 1.193$
 $R^2 = 0.999$

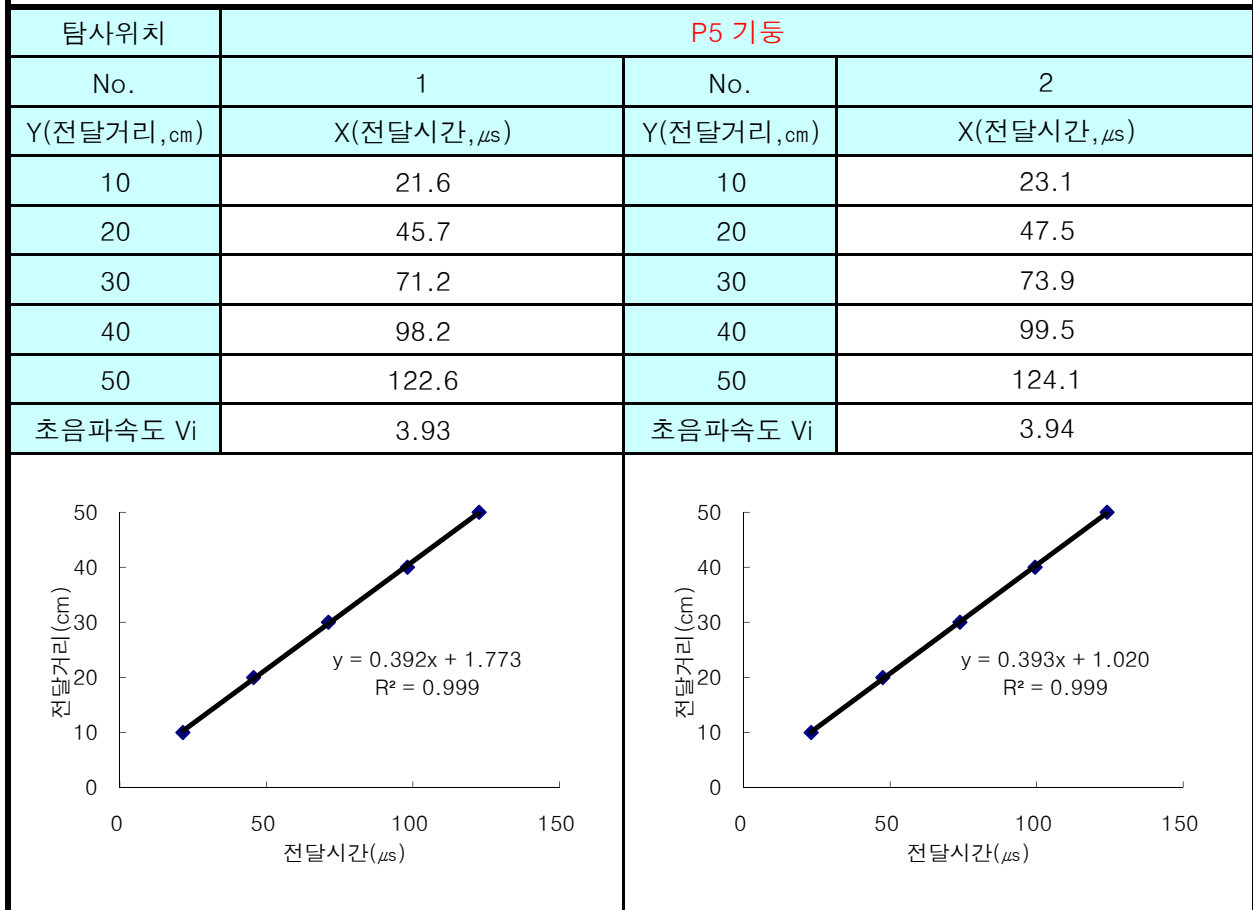
청도1교(부산) 초음파탐사 5



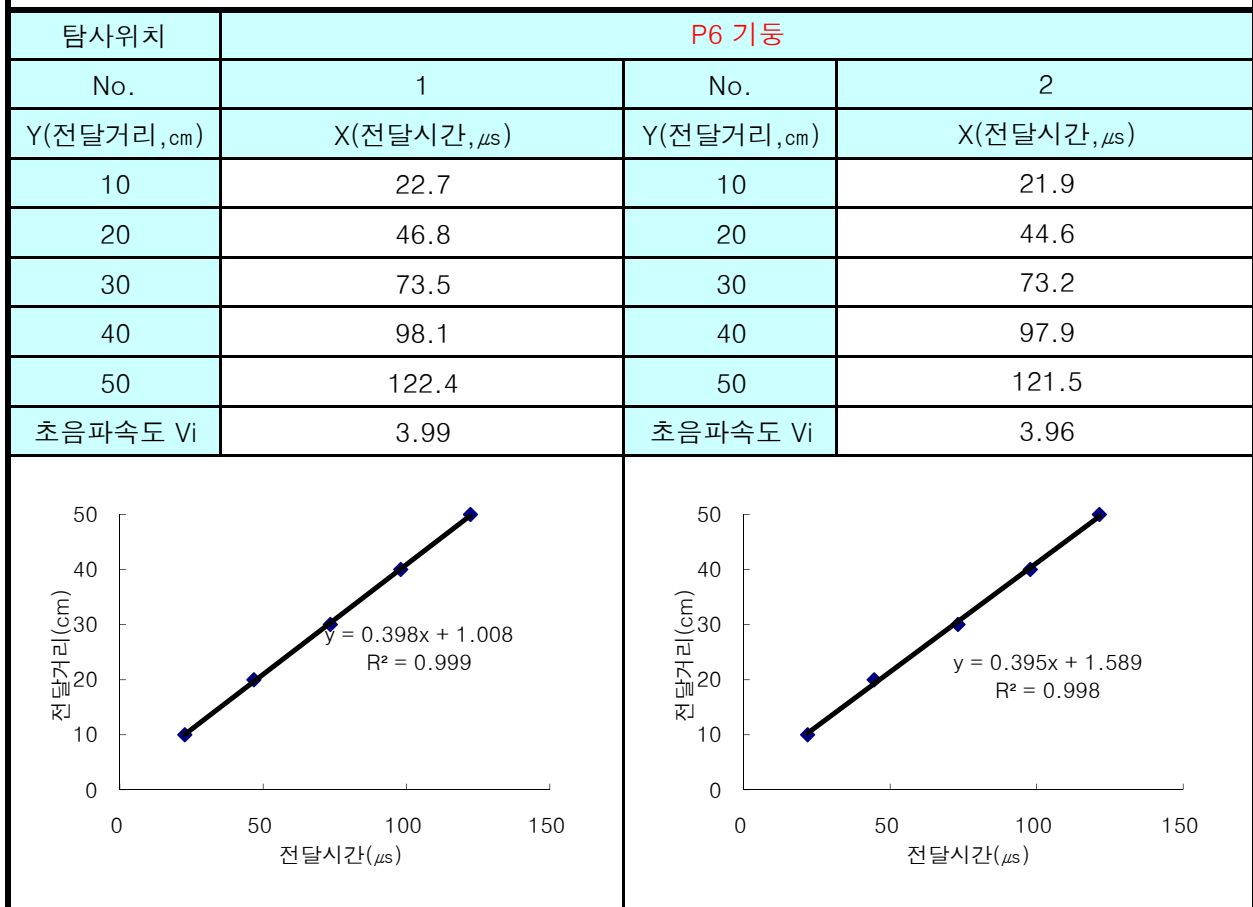
청도1교(부산) 초음파탐사 6



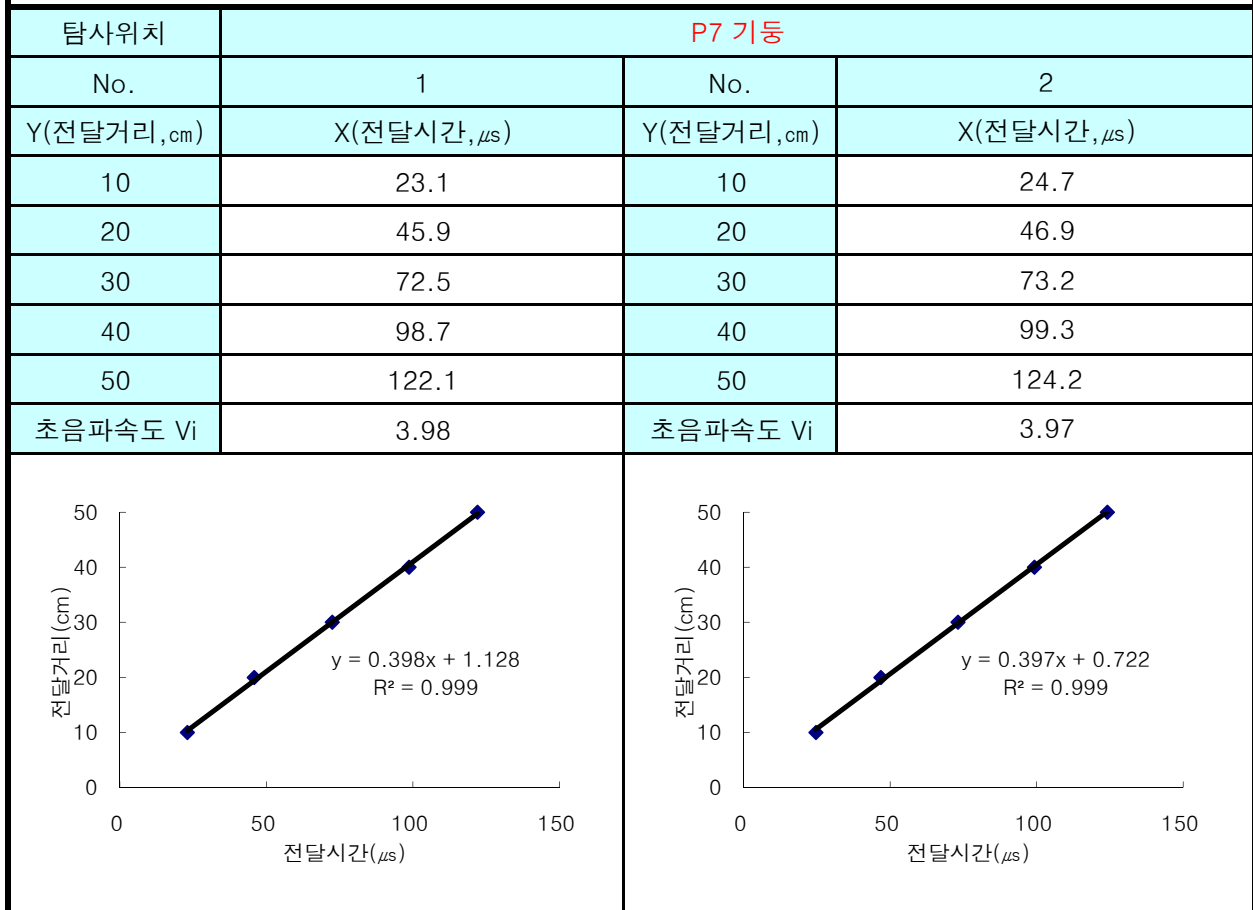
청도1교(부산) 초음파탐사 7



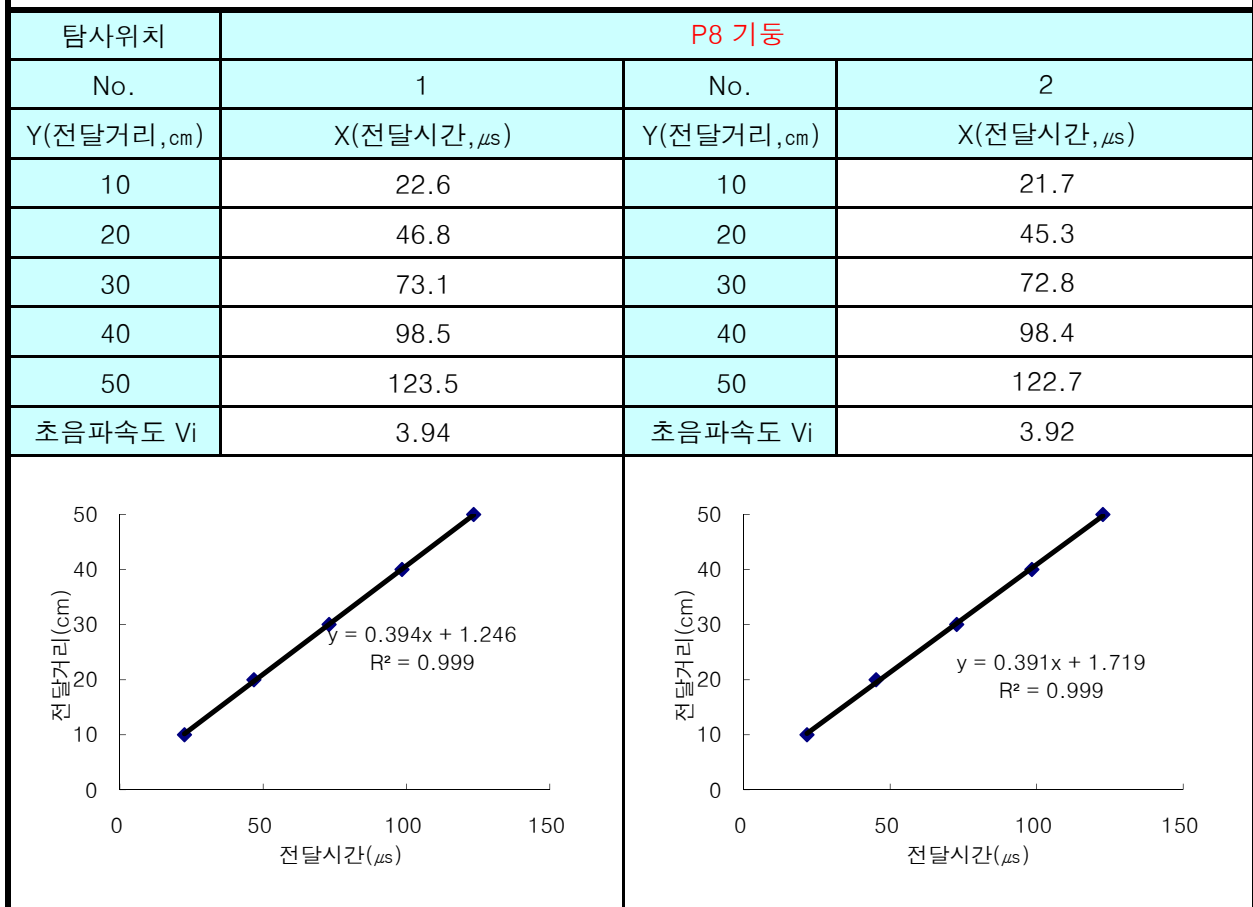
청도1교(부산) 초음파탐사 8



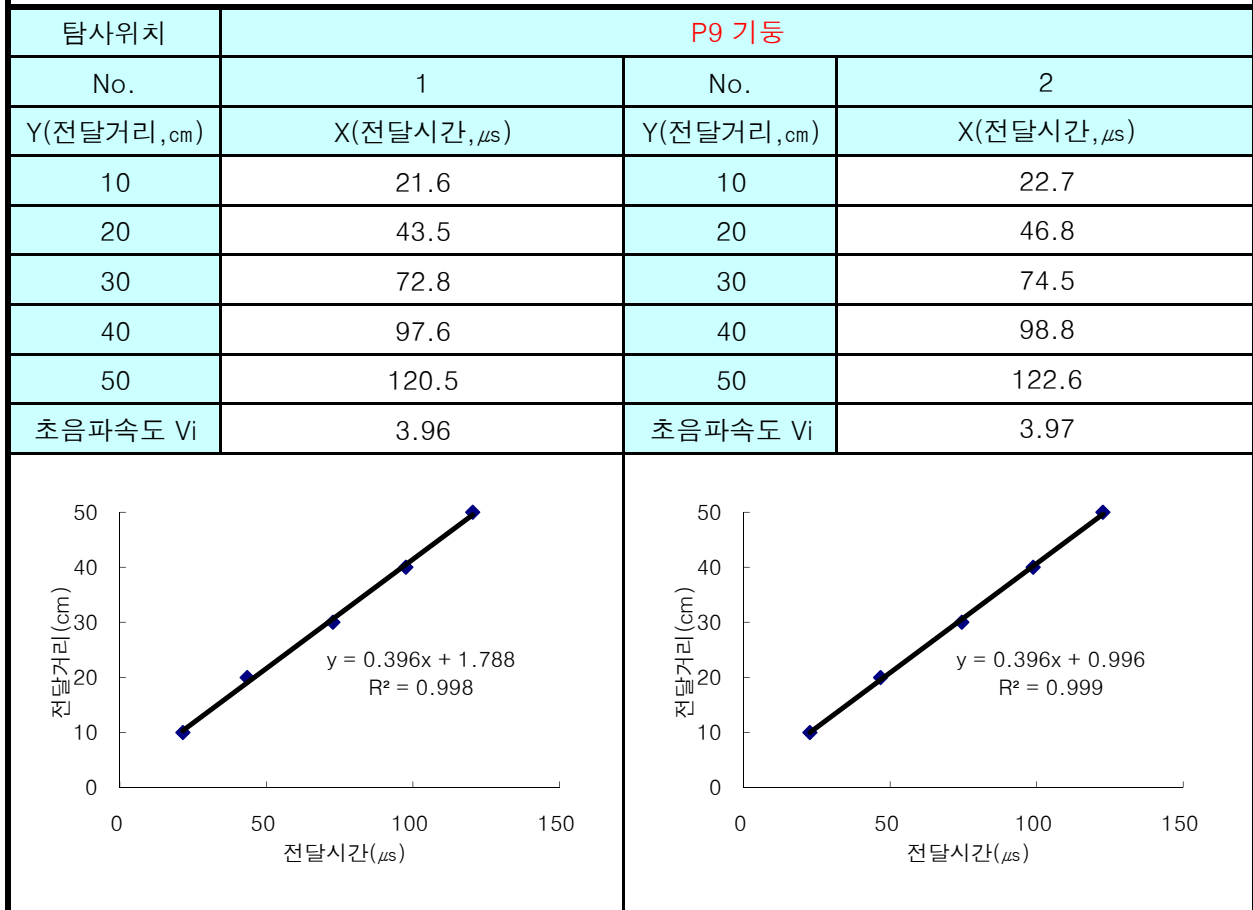
청도1교(부산) 초음파탐사 9



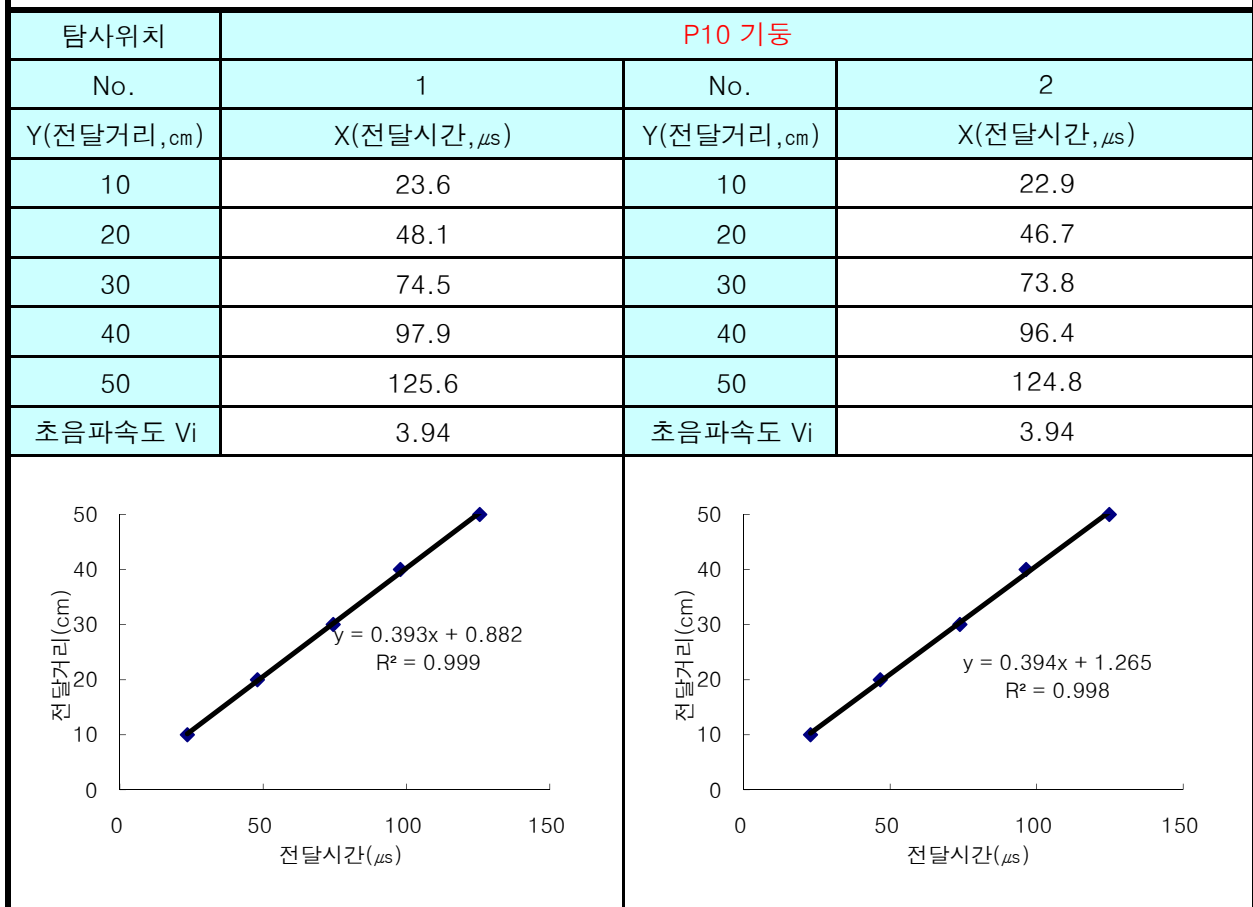
청도1교(부산) 초음파탐사 10



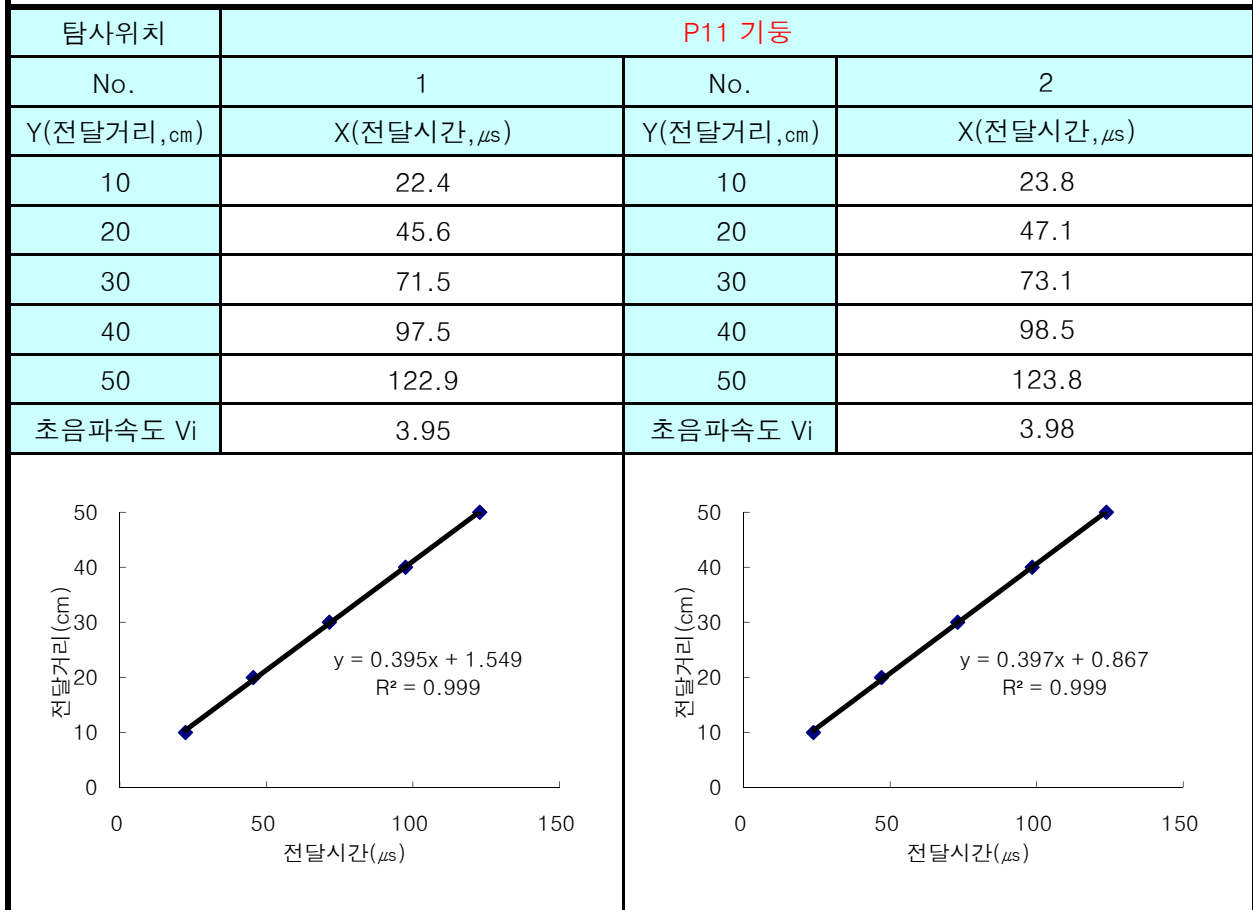
청도1교(부산) 초음파탐사 11



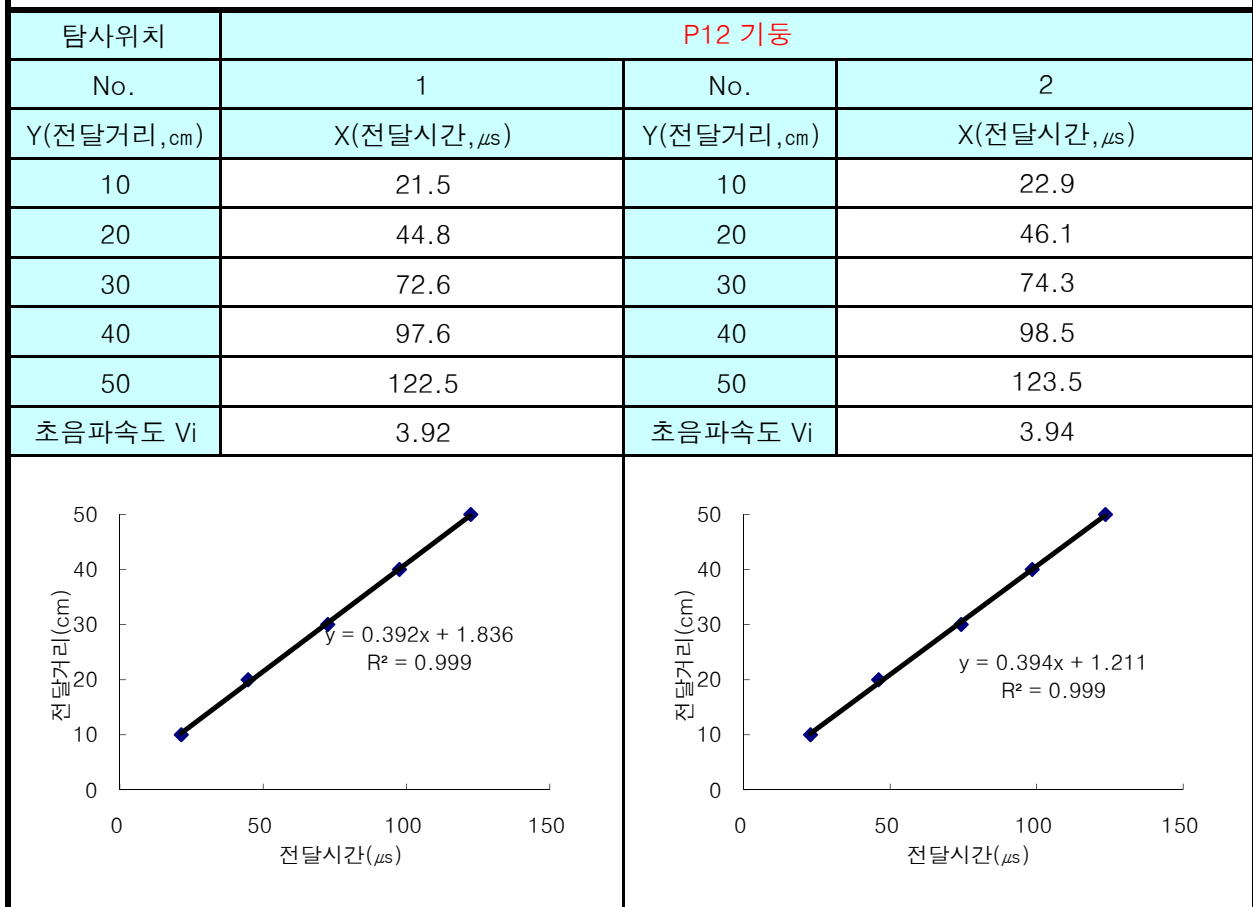
청도1교(부산) 초음파탐사 12



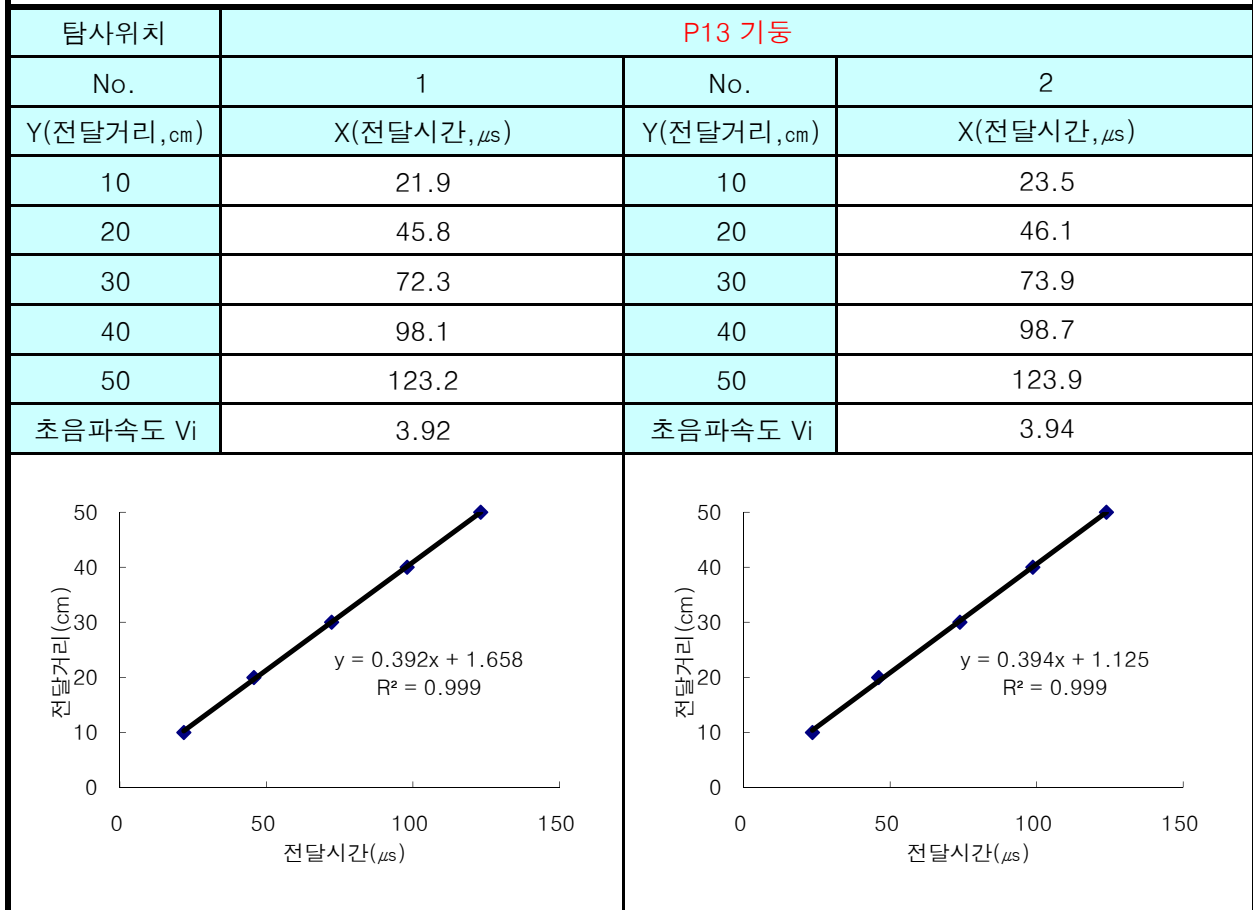
청도1교(부산) 초음파탐사 13



청도1교(부산) 초음파탐사 14



청도1교(부산) 초음파탐사 15



청도1교(부산) 초음파탐사 16

