

청도천2교(부산) 초음파탐사 1

탐사위치	S1 캔틸레버		
No.	1	No.	2
Y(전달거리,cm)	X(전달시간, μs)	Y(전달거리,cm)	X(전달시간, μs)
10	23.8	10	24.5
20	46.8	20	49.8
30	70.5	30	75.1
40	95.4	40	98.9
50	122.6	50	125.5
초음파속도 Vi	4.06	초음파속도 Vi	3.98

$y = 0.405x + 0.861$
 $R^2 = 0.998$

$y = 0.398x + 0.233$
 $R^2 = 0.999$

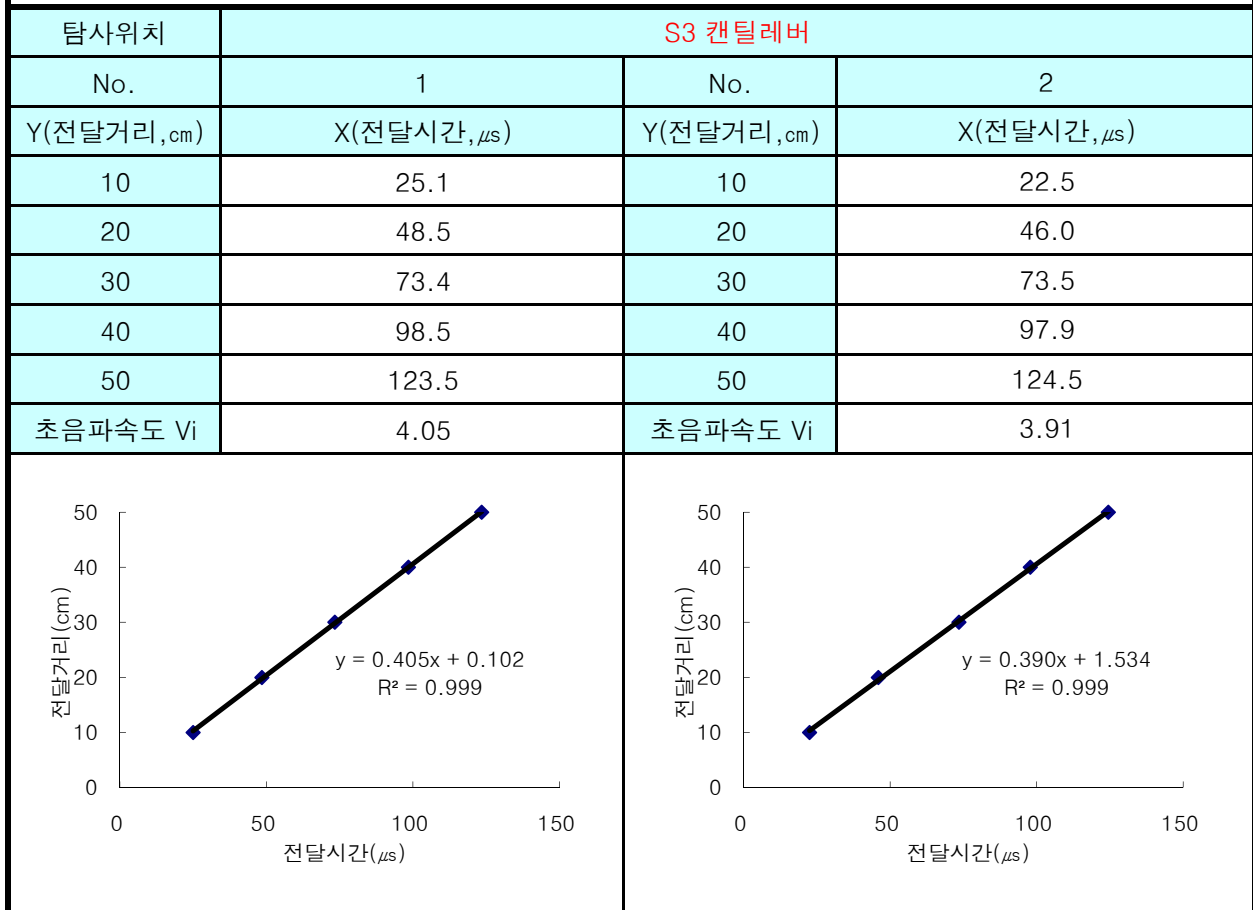
청도천2교(부산) 초음파탐사 2

탐사위치	S2 캔틸레버		
No.	1	No.	2
Y(전달거리,cm)	X(전달시간, μs)	Y(전달거리,cm)	X(전달시간, μs)
10	24.7	10	24.1
20	50.2	20	47.0
30	76.8	30	71.2
40	99.2	40	94.3
50	126.1	50	121.5
초음파속도 Vi	3.97	초음파속도 Vi	4.13

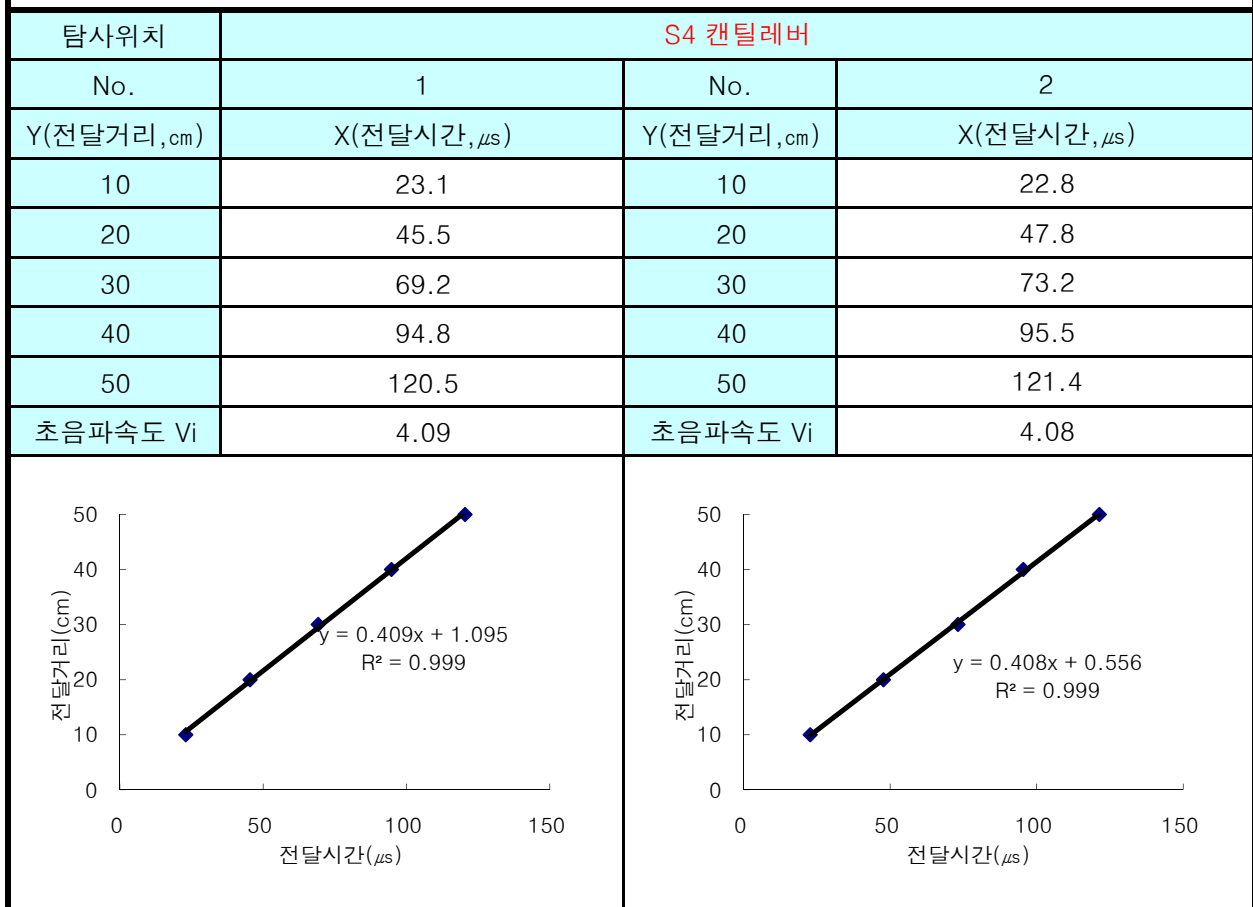
$y = 0.396x + 0.074$
 $R^2 = 0.999$

$y = 0.412x + 0.445$
 $R^2 = 0.999$

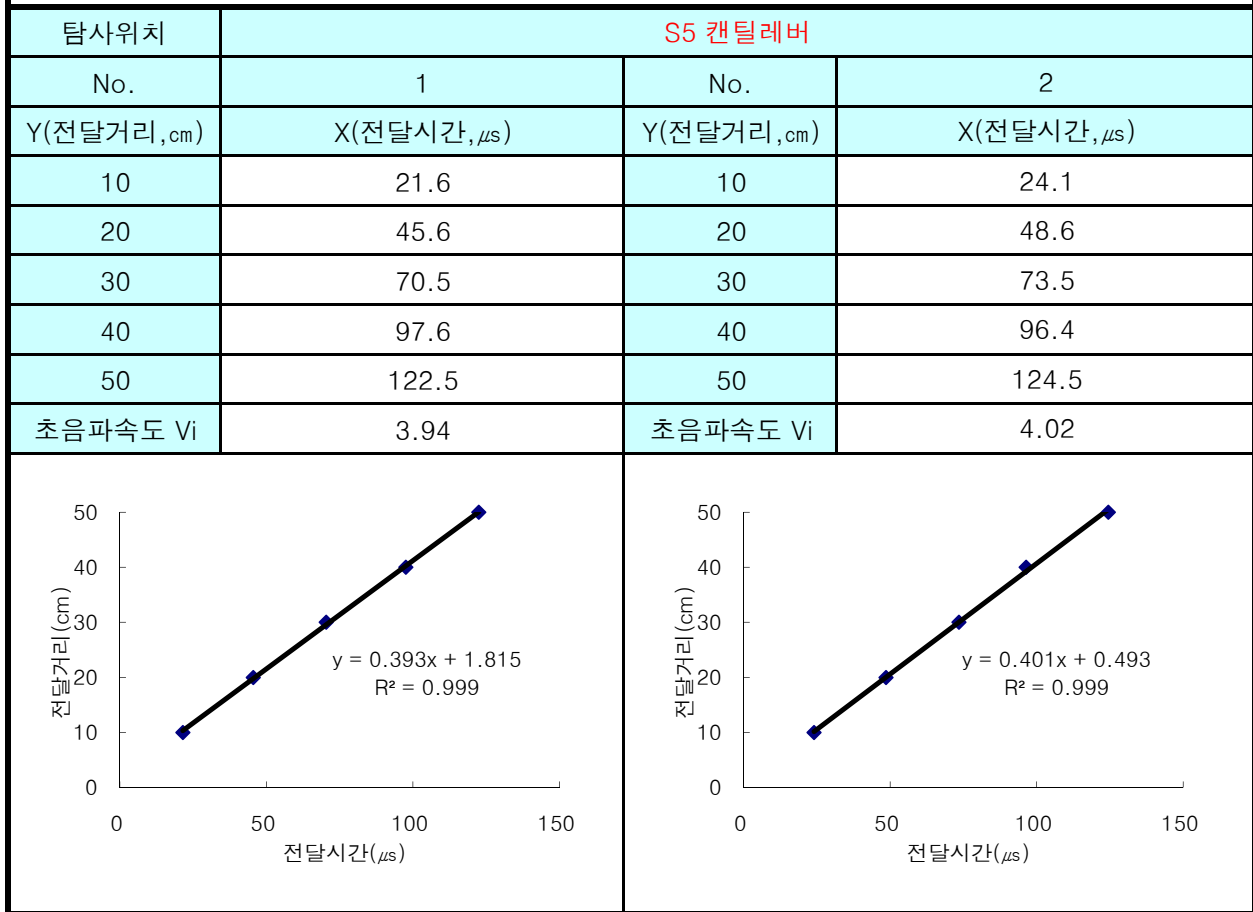
청도천2교(부산) 초음파탐사 3



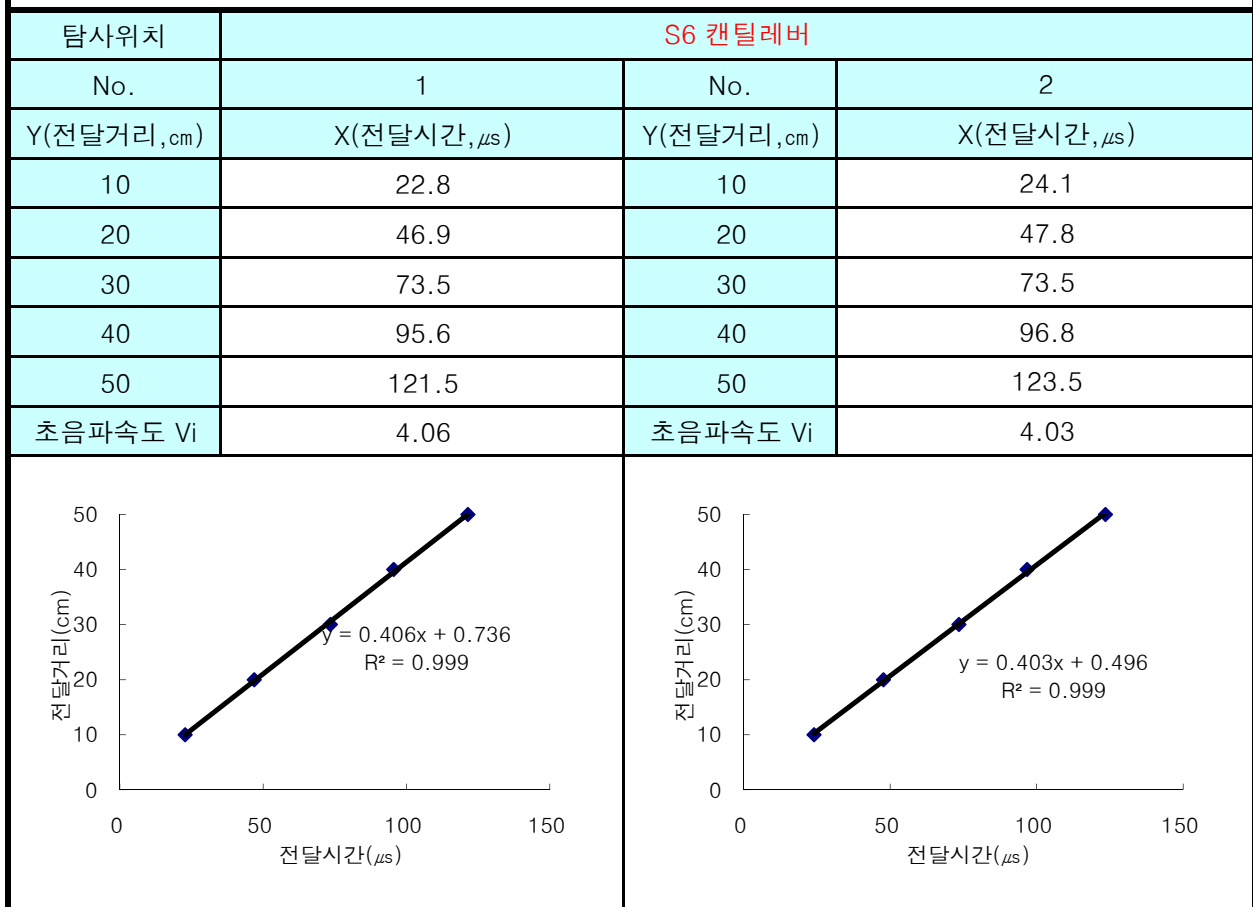
청도천2교(부산) 초음파탐사 4



청도천2교(부산) 초음파탐사 5

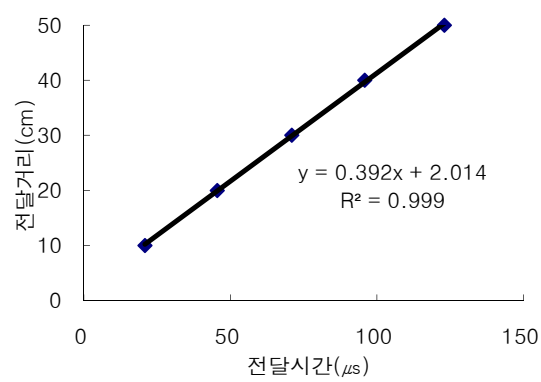


청도천2교(부산) 초음파탐사 6

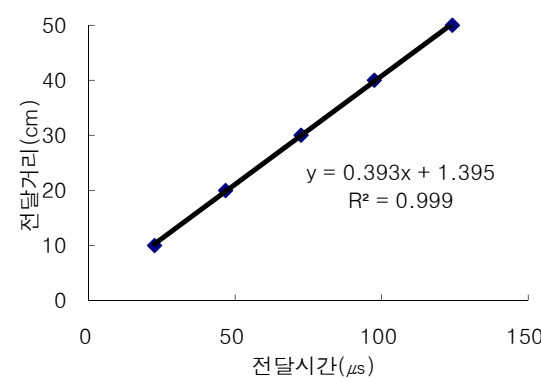


청도천2교(부산) 초음파탐사 1

탐사위치	A1 구체		
No.	1	No.	2
Y(전달거리,cm)	X(전달시간, μs)	Y(전달거리,cm)	X(전달시간, μs)
10	20.9	10	22.5
20	45.6	20	46.8
30	71.0	30	72.5
40	95.9	40	97.5
50	123.1	50	124.2
초음파속도 Vi	3.93	초음파속도 Vi	3.93



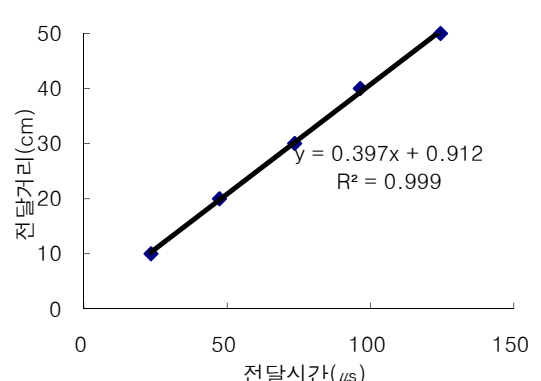
$y = 0.392x + 2.014$
 $R^2 = 0.999$



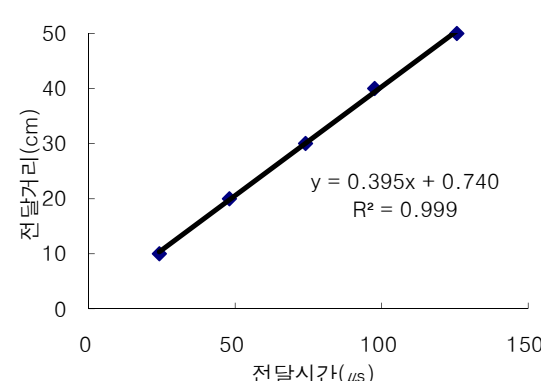
$y = 0.393x + 1.395$
 $R^2 = 0.999$

청도천2교(부산) 초음파탐사 2

탐사위치	A2 구체		
No.	1	No.	2
Y(전달거리,cm)	X(전달시간, μs)	Y(전달거리,cm)	X(전달시간, μs)
10	23.5	10	24.2
20	47.4	20	48.1
30	73.6	30	74.1
40	96.5	40	97.6
50	124.5	50	125.7
초음파속도 Vi	3.98	초음파속도 Vi	3.96

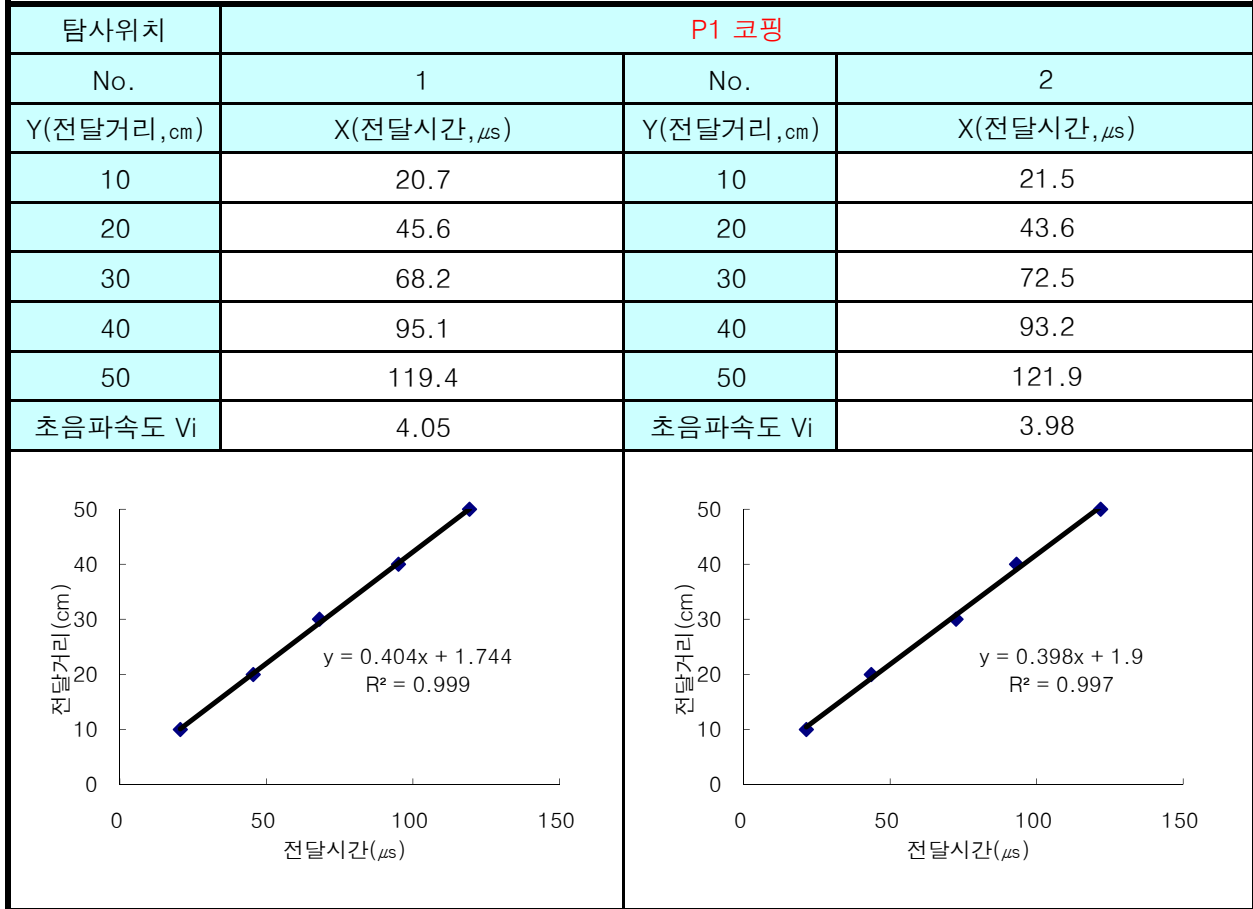


$y = 0.397x + 0.912$
 $R^2 = 0.999$

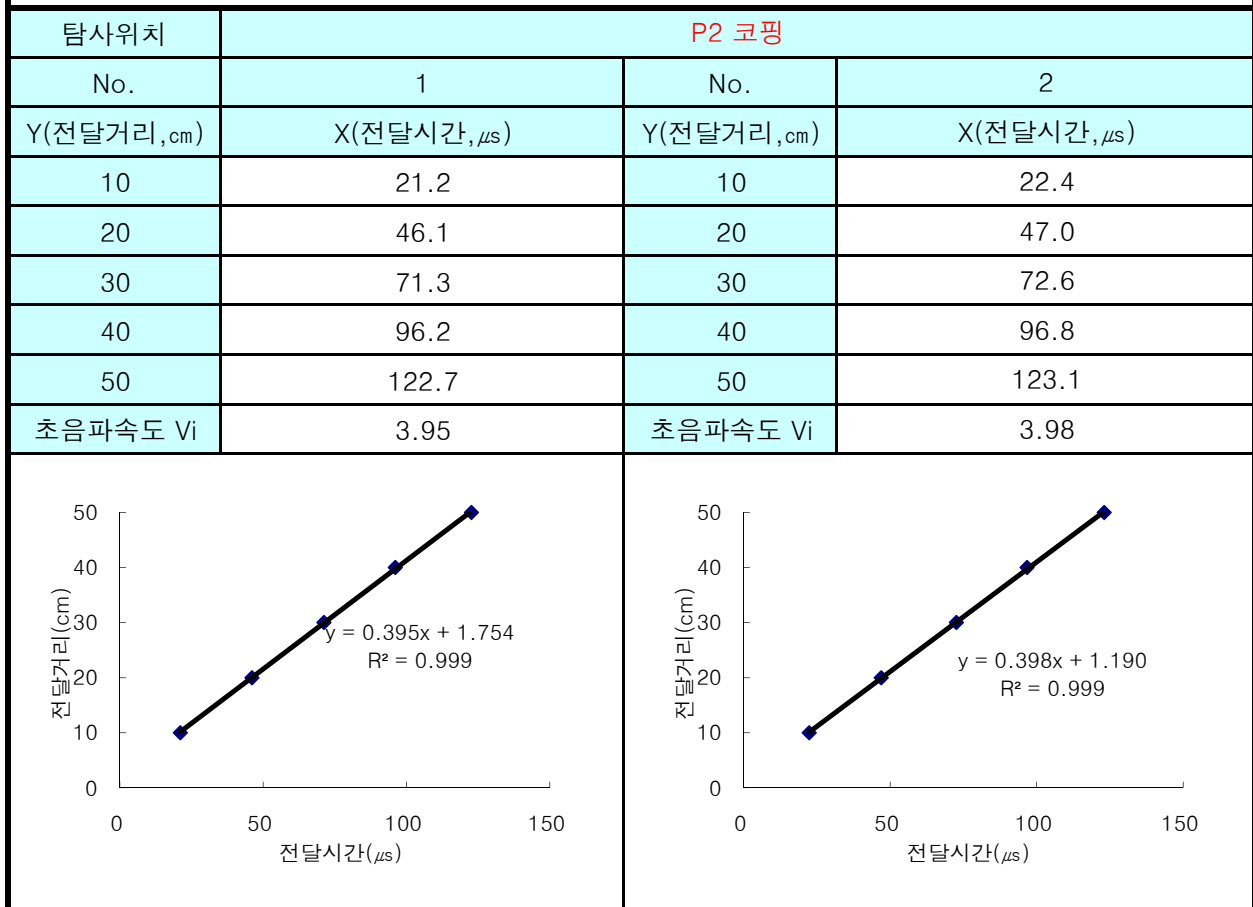


$y = 0.395x + 0.740$
 $R^2 = 0.999$

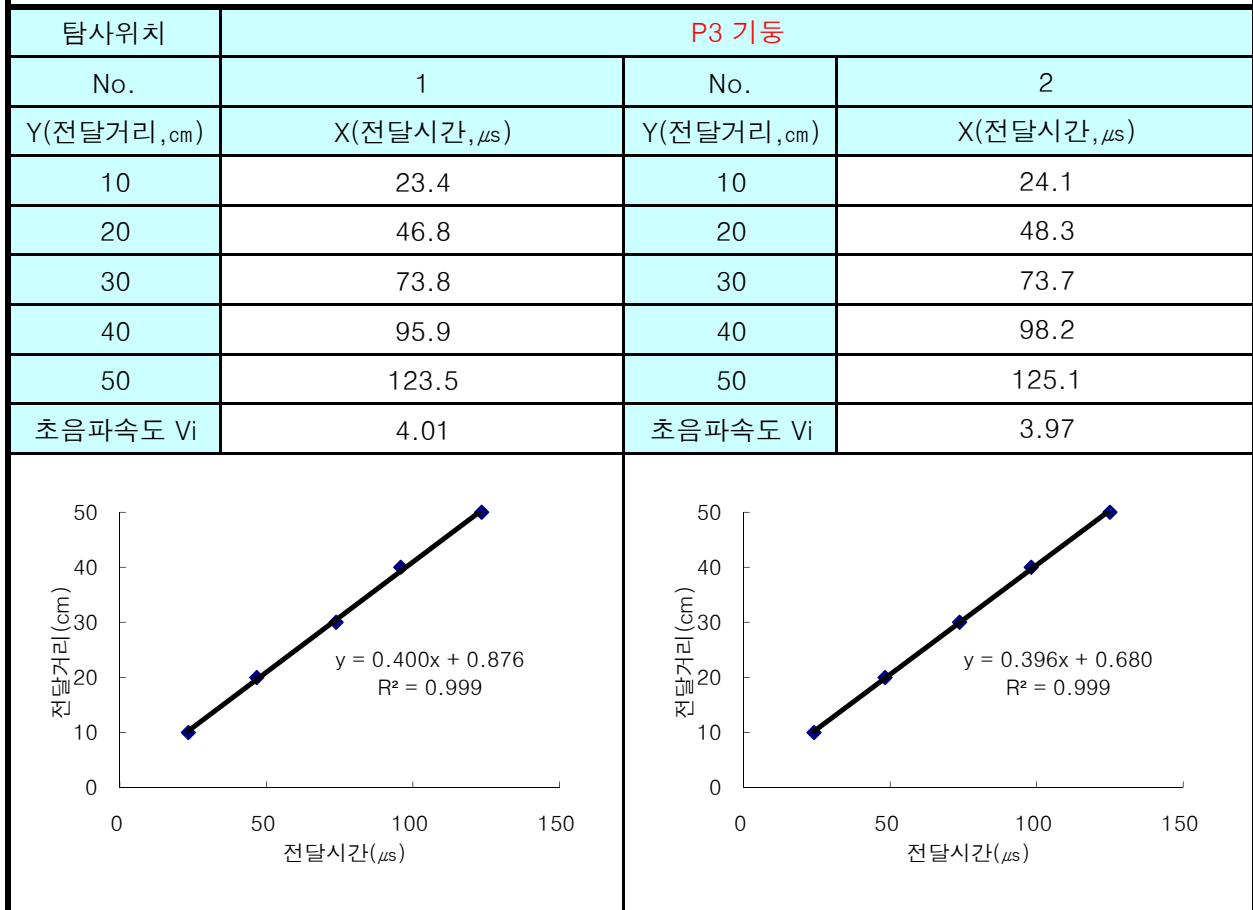
청도천2교(부산) 초음파탐사 3



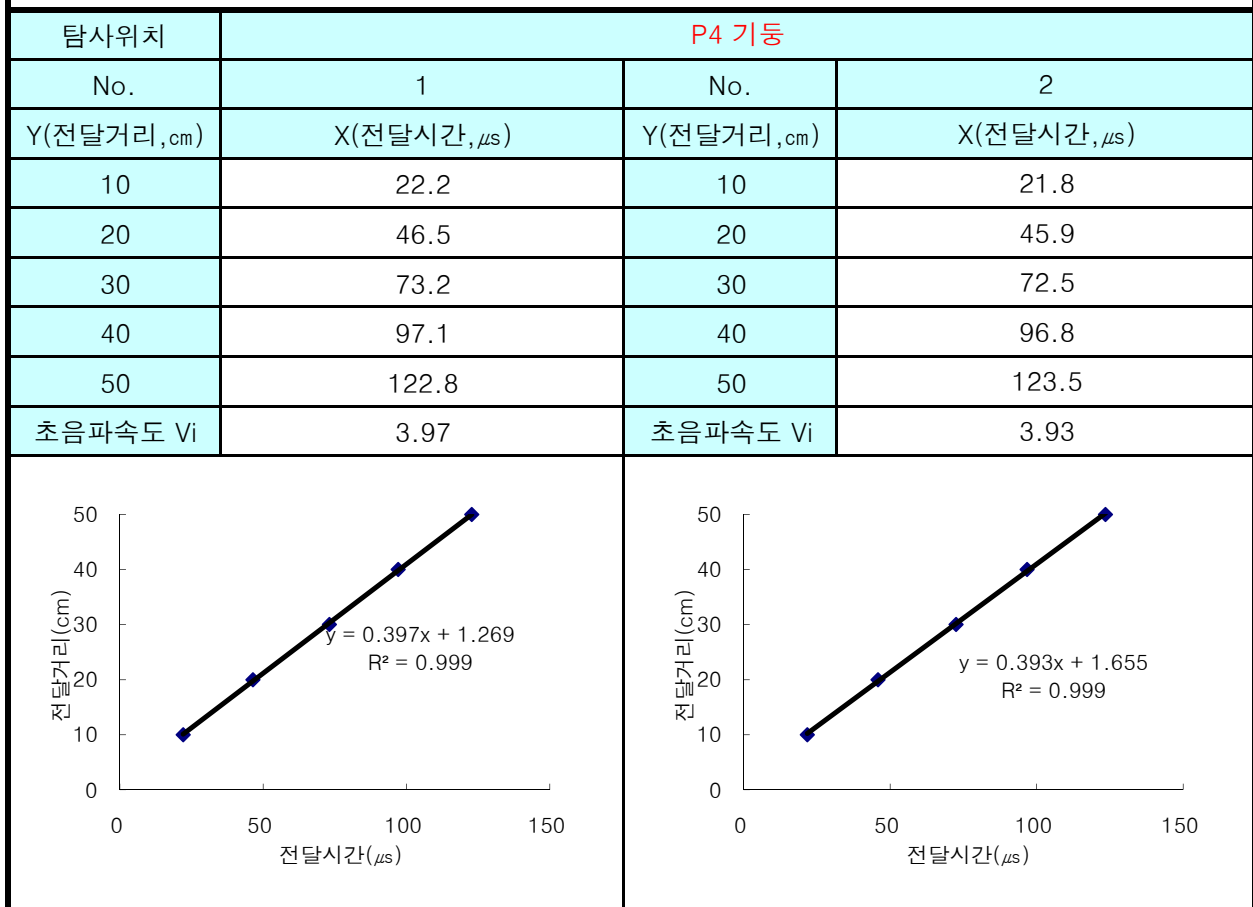
청도천2교(부산) 초음파탐사 4



청도천2교(부산) 초음파탐사 5



청도천2교(부산) 초음파탐사 6



청도천2교(부산) 초음파탐사 7

탐사위치	P5 기둥		
No.	1	No.	2
Y(전달거리, cm)	X(전달시간, μs)	Y(전달거리, cm)	X(전달시간, μs)
10	21.7	10	23.5
20	43.9	20	46.9
30	73.2	30	71.9
40	96.8	40	95.8
50	122.5	50	124.5
초음파속도 Vi	3.92	초음파속도 Vi	3.98

