

송읍교(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	23.7	10	24.6
20	46.8	20	48.1
30	71.8	30	75.9
40	94.9	40	101.6
50	121.8	50	125.4
초음파속도 Vi	4.09	초음파속도 Vi	3.92

$y = 0.409x + 0.629$
 $R^2 = 0.999$

$y = 0.391x + 0.573$
 $R^2 = 0.999$

송읍교(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	21.9	10	23.5
20	45.8	20	46.8
30	69.9	30	73.8
40	96.7	40	100.5
50	121.9	50	120.8
초음파속도 Vi	3.98	초음파속도 Vi	4.02

$y = 0.398x + 1.619$
 $R^2 = 0.999$

$y = 0.401x + 0.630$
 $R^2 = 0.997$

송읍교(대구) 초음파탐사 3

탐사위치	S3 캔틸레버		
No.	1	No.	2
Y(전달거리,cm)	X(전달시간, μs)	Y(전달거리,cm)	X(전달시간, μs)
10	26.5	10	25.9
20	51.7	20	49.1
30	75.3	30	75.3
40	101.2	40	102.4
50	124.8	50	125.8
초음파속도 Vi	4.06	초음파속도 Vi	3.95

$y = 0.406x - 0.835$
 $R^2 = 0.999$

$y = 0.394x + 0.112$
 $R^2 = 0.999$

송읍교(대구) 초음파탐사 4

탐사위치	S4 캔틸레버		
No.	1	No.	2
Y(전달거리,cm)	X(전달시간, μs)	Y(전달거리,cm)	X(전달시간, μs)
10	19.3	10	22.6
20	40.5	20	46.1
30	66.1	30	73.5
40	92.3	40	98.7
50	118.4	50	123.2
초음파속도 Vi	3.99	초음파속도 Vi	3.94

$y = 0.399x + 3.114$
 $R^2 = 0.998$

$y = 0.393x + 1.321$
 $R^2 = 0.999$

송읍교(대구) 초음파탐사 5

탐사위치	S4 캔틸레버		
No.	1	No.	2
Y(전달거리,cm)	X(전달시간, μs)	Y(전달거리,cm)	X(전달시간, μs)
10	24.7	10	25.3
20	48.8	20	49.7
30	74.3	30	75.8
40	96.5	40	99.2
50	122.8	50	124.8
초음파속도 Vi	4.10	초음파속도 Vi	4.02

$y = 0.409x - 0.087$
 $R^2 = 0.999$

$y = 0.402x - 0.158$
 $R^2 = 0.999$

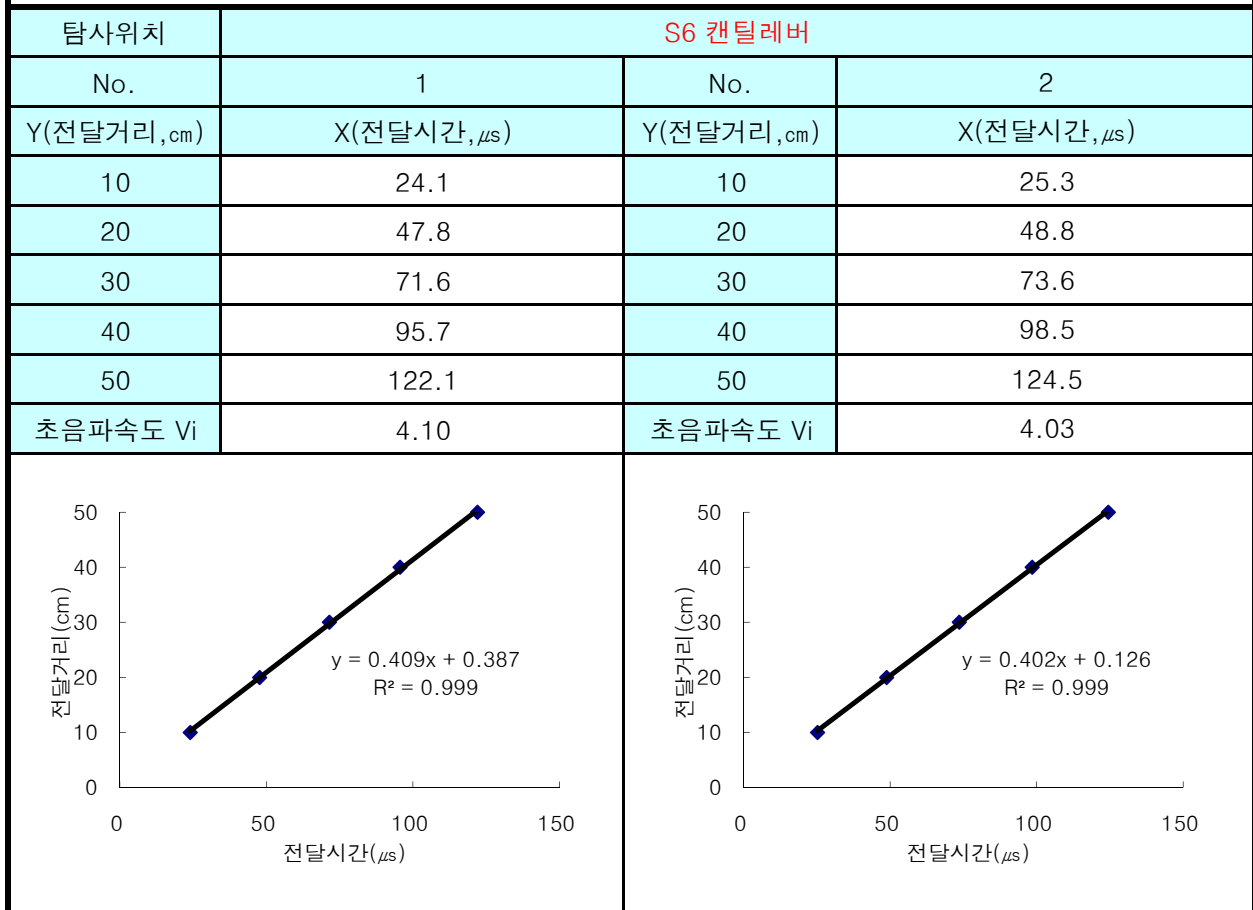
송읍교(대구) 초음파탐사 6

탐사위치	S5 캔틸레버		
No.	1	No.	2
Y(전달거리,cm)	X(전달시간, μs)	Y(전달거리,cm)	X(전달시간, μs)
10	21.7	10	23.5
20	45.6	20	47.1
30	69.3	30	75.6
40	97.8	40	100.5
50	119.8	50	122.8
초음파속도 Vi	4.02	초음파속도 Vi	3.96

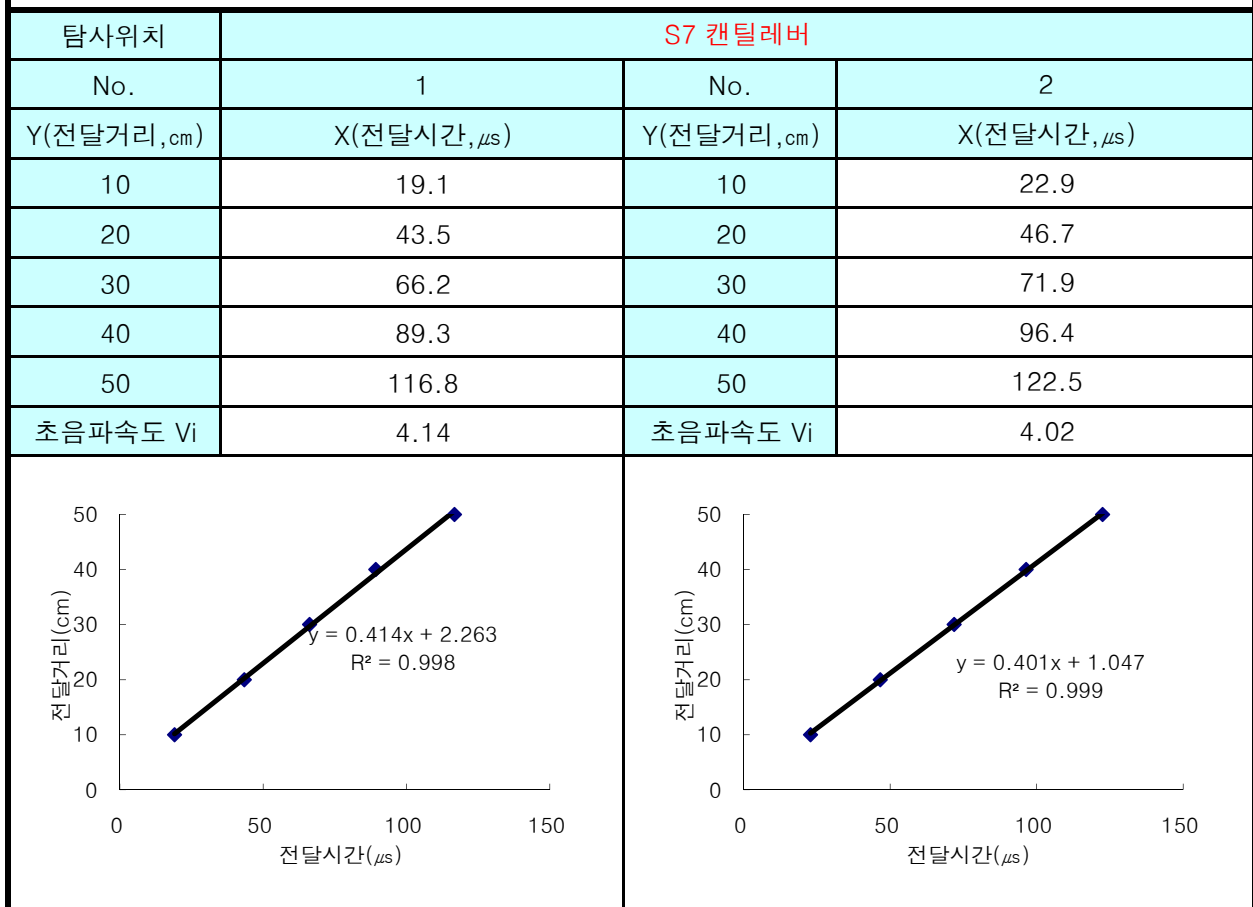
$y = 0.402x + 1.517$
 $R^2 = 0.998$

$y = 0.396x + 0.719$
 $R^2 = 0.998$

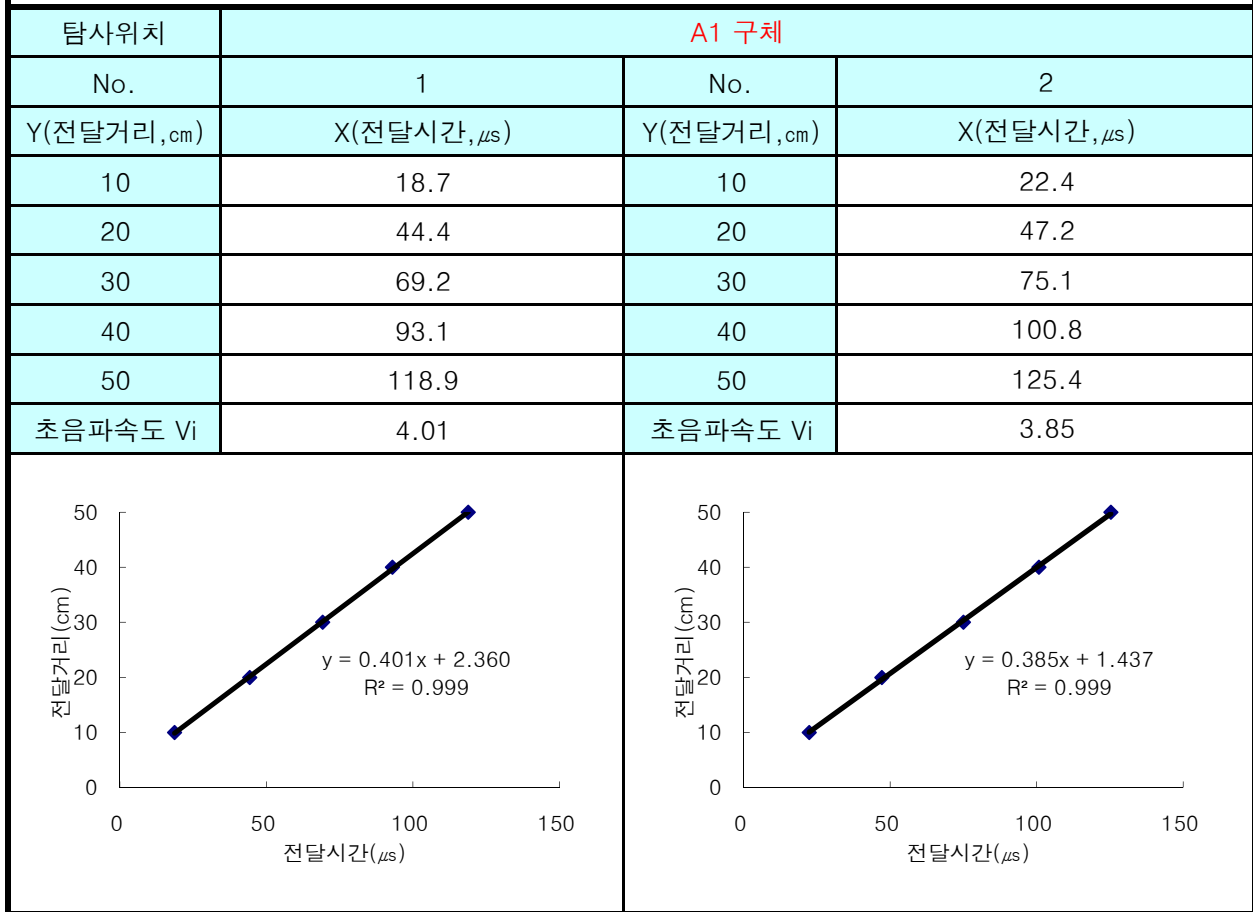
송읍교(대구) 초음파탐사 7



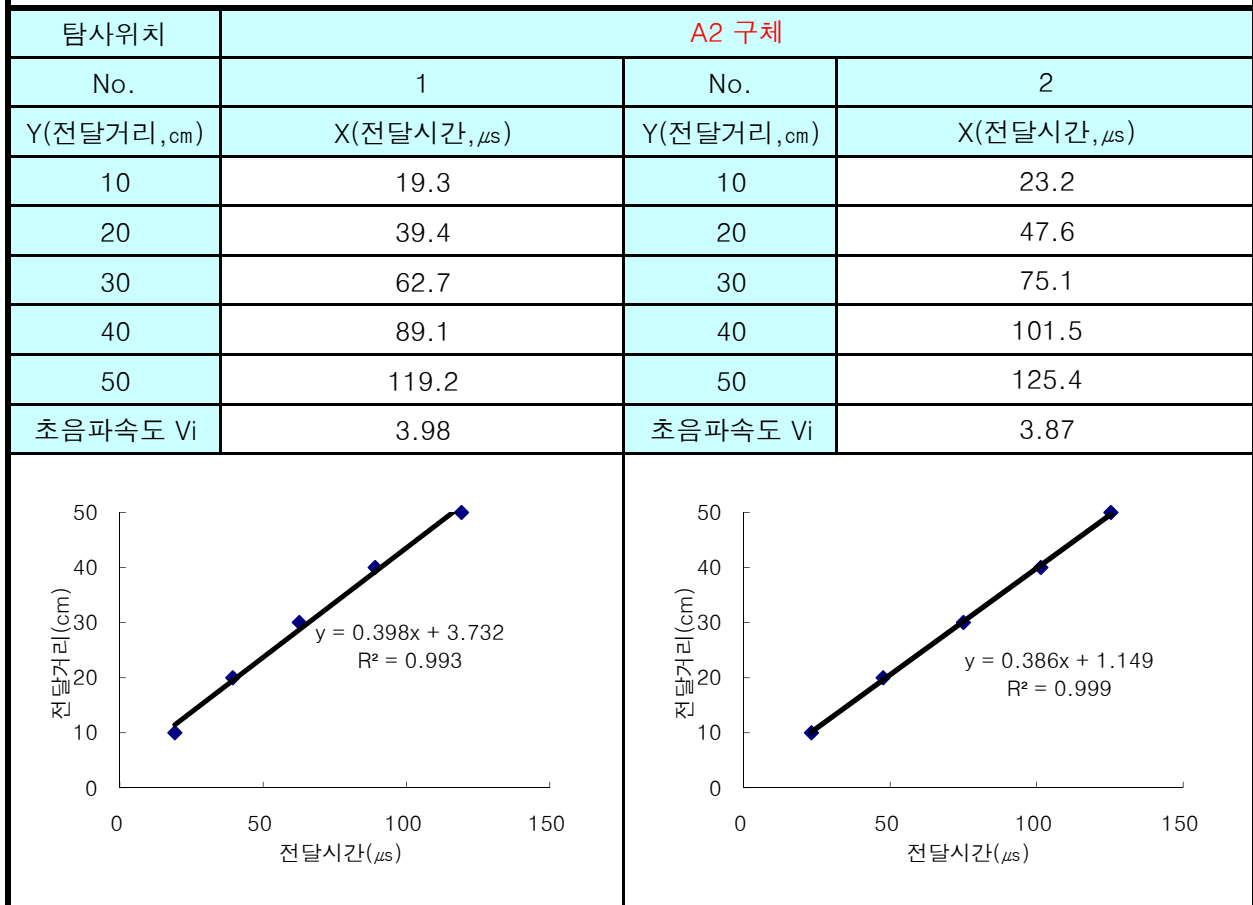
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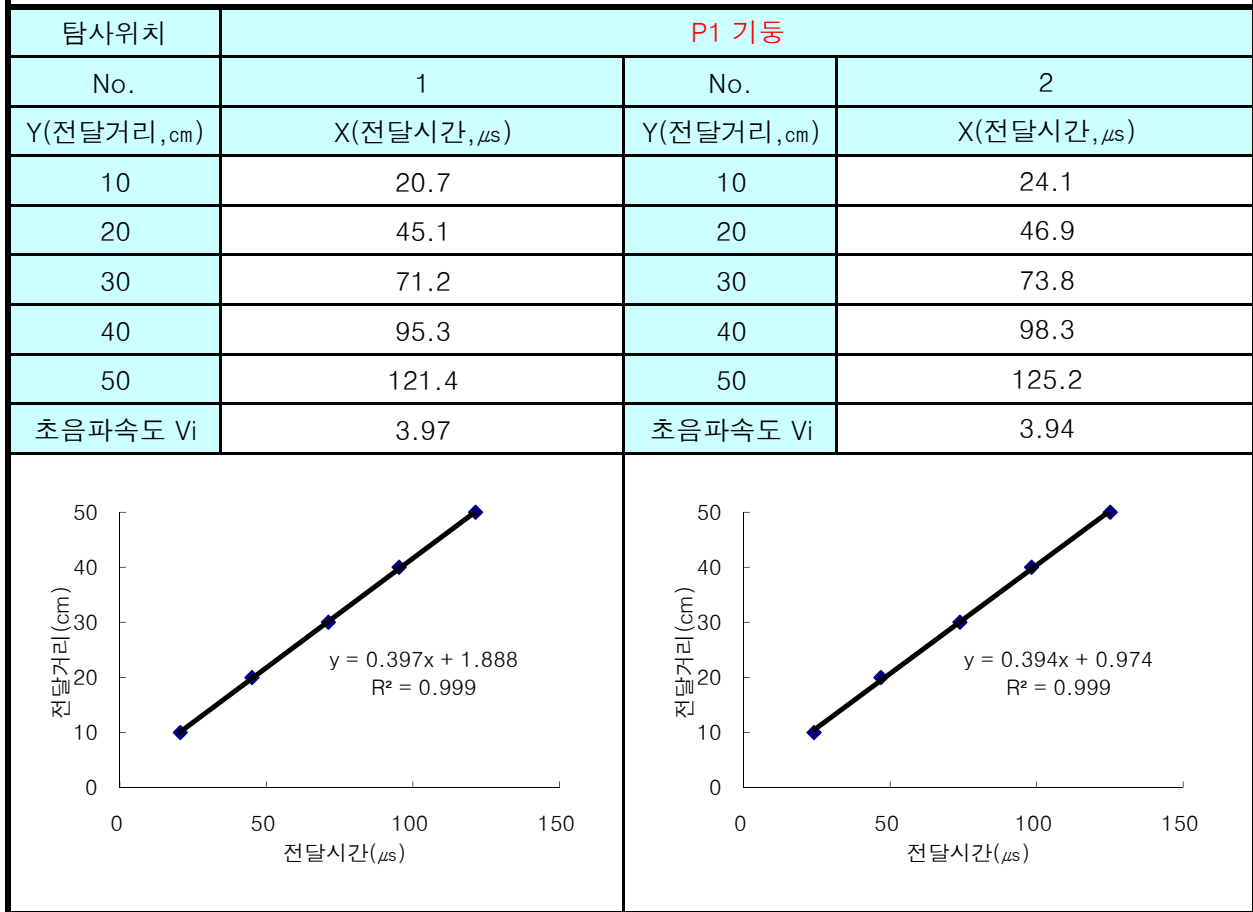
송읍교(대구) 초음파탐사 1



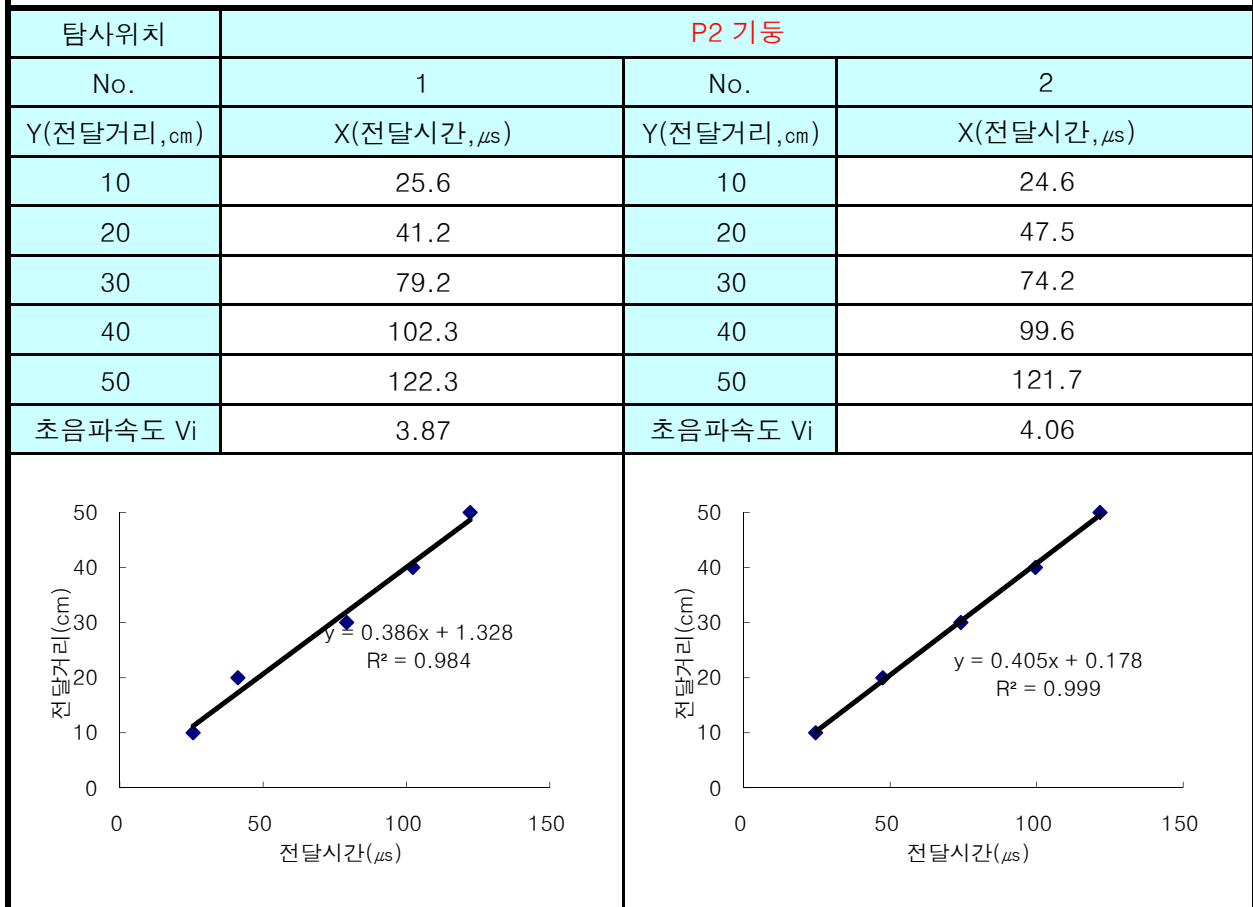
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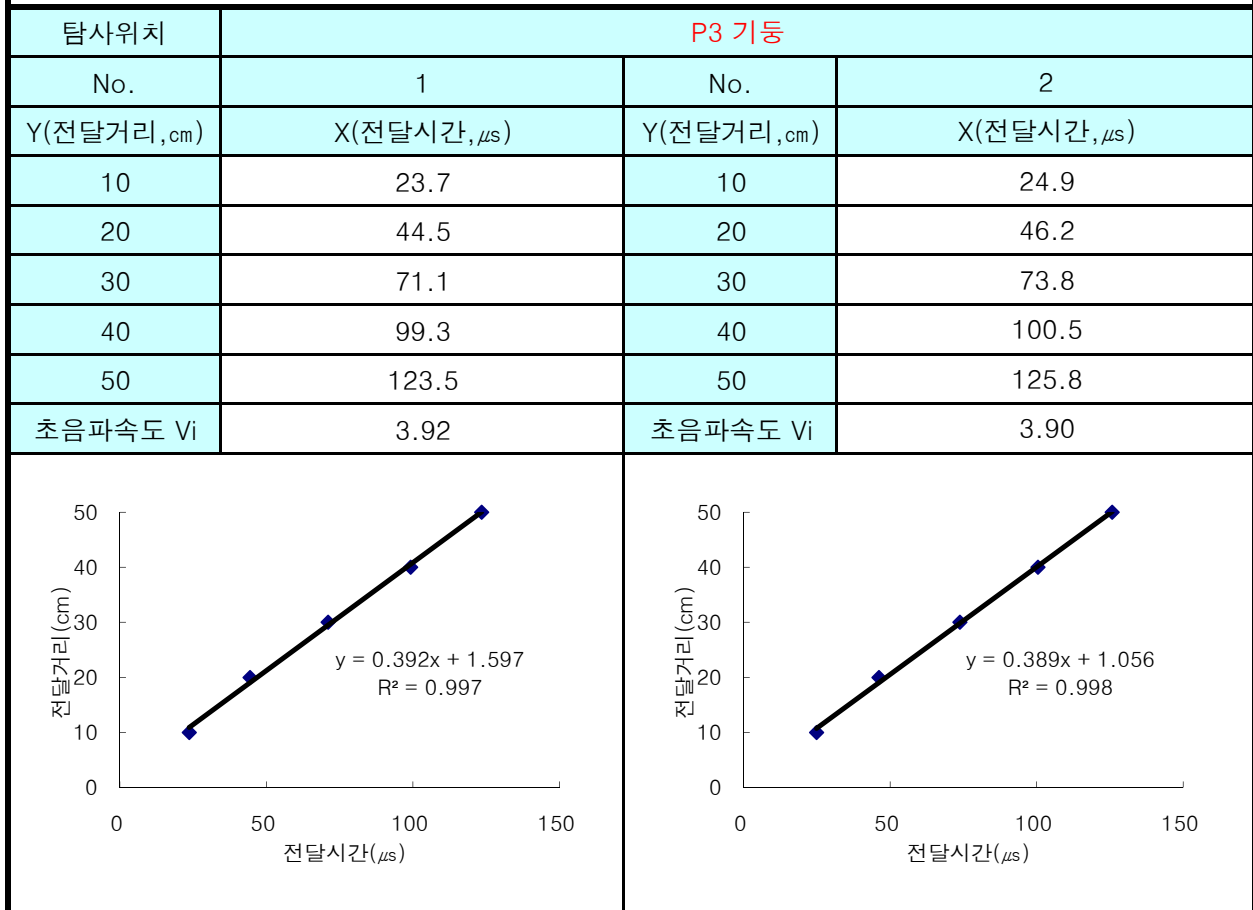
송읍교(대구) 초음파탐사 3



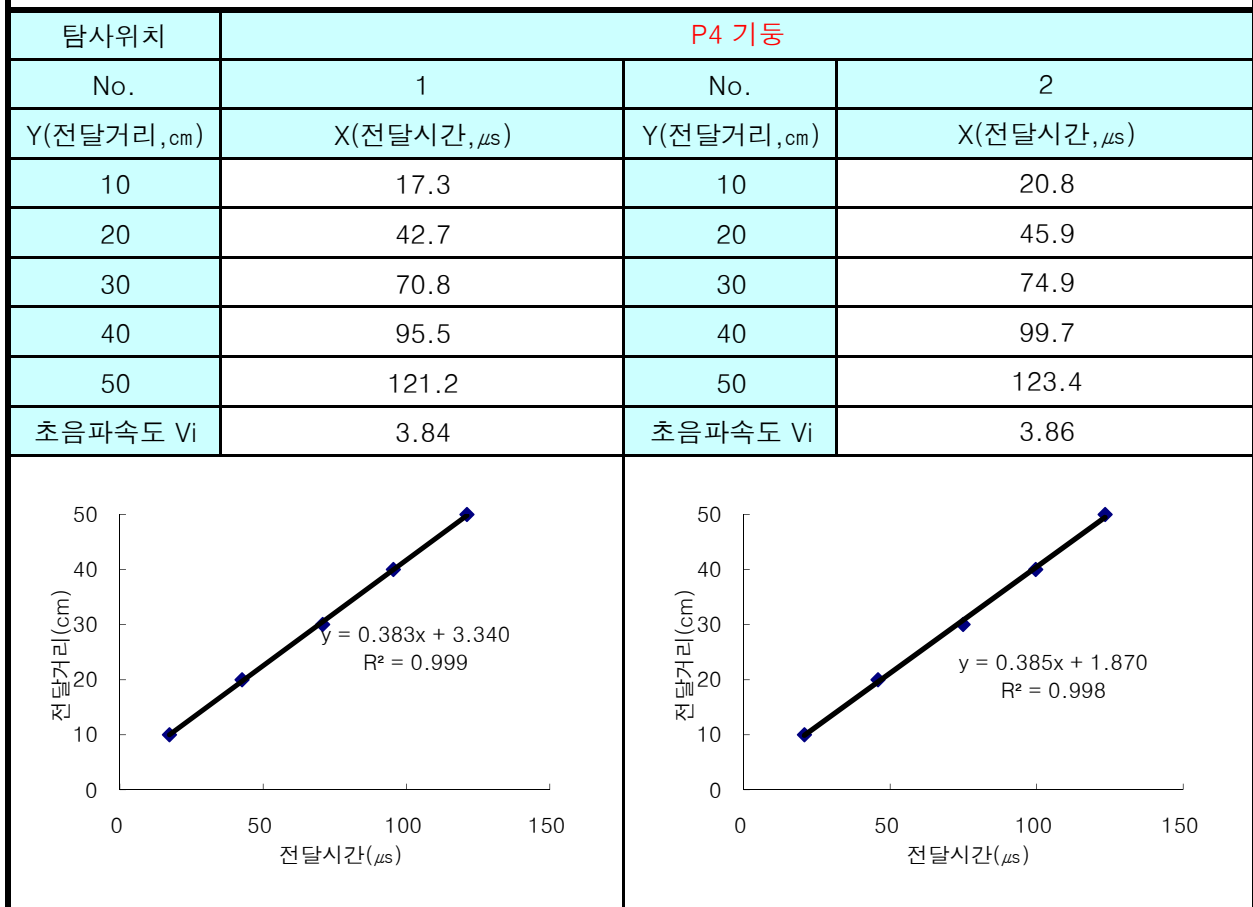
송읍교(대구) 초음파탐사 4



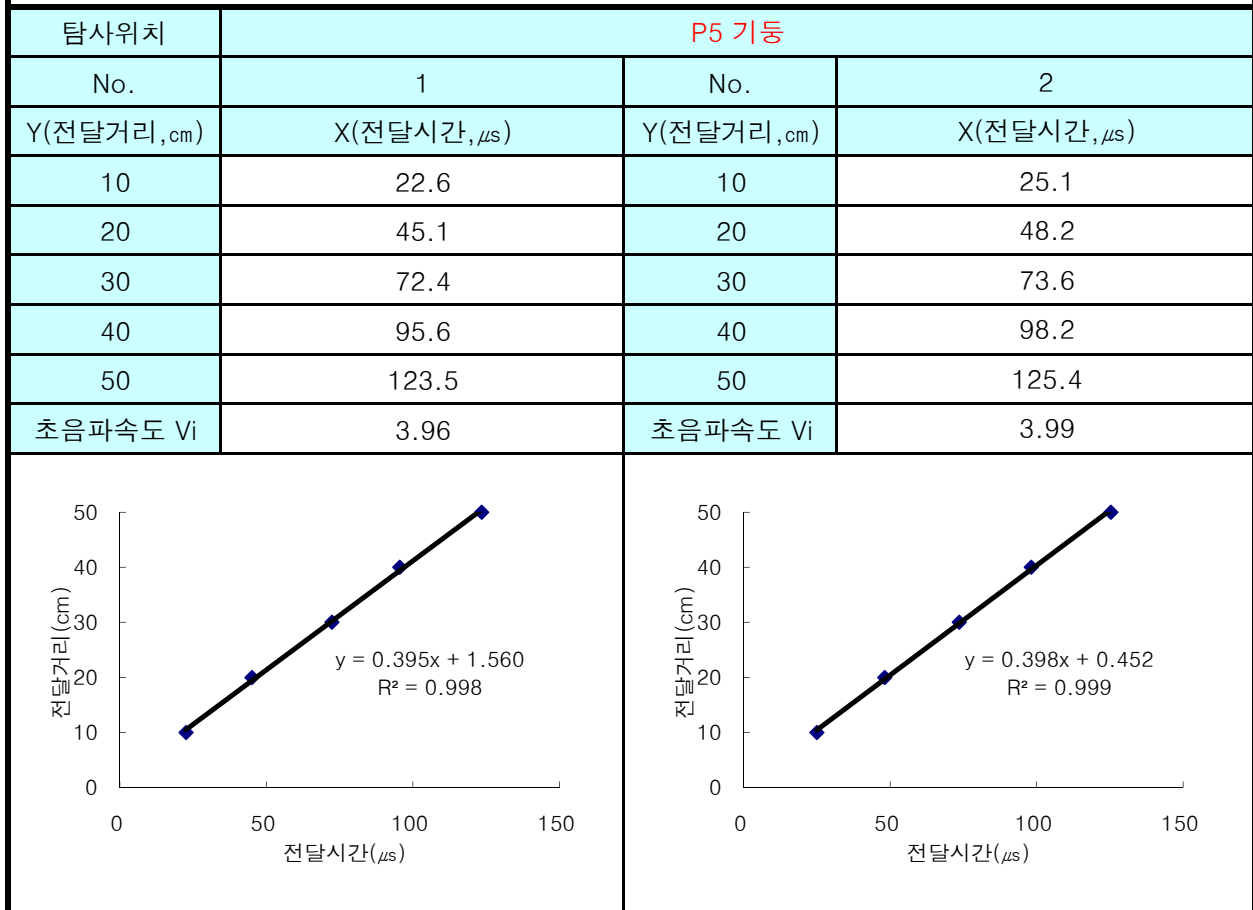
송읍교(대구) 초음파탐사 5



송읍교(대구) 초음파탐사 6



송읍교(대구) 초음파탐사 7



송읍교(대구) 초음파탐사 8

