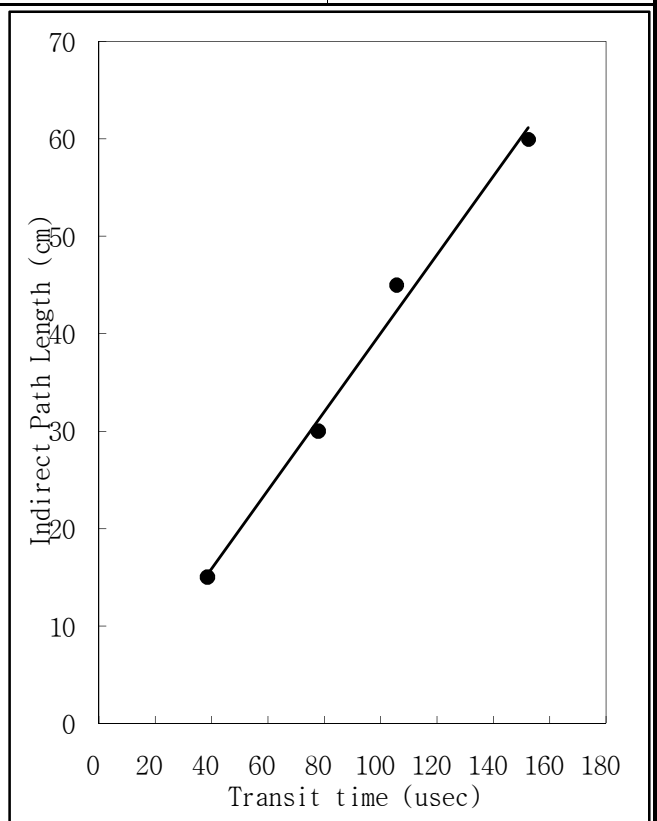
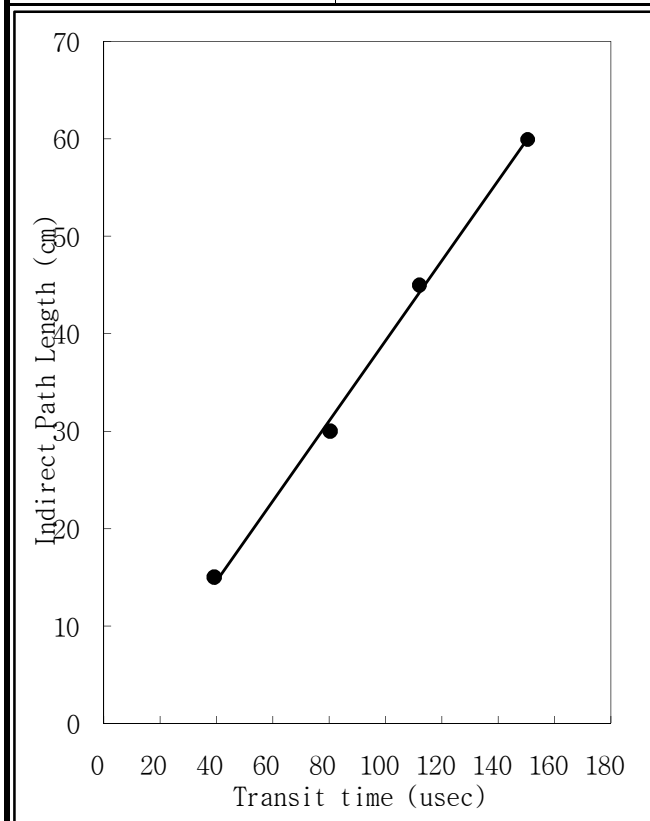


Pulse Velocity Data

(Vi : Indirect Pluse Velocity, Vd : Direct Pluse Velocity)

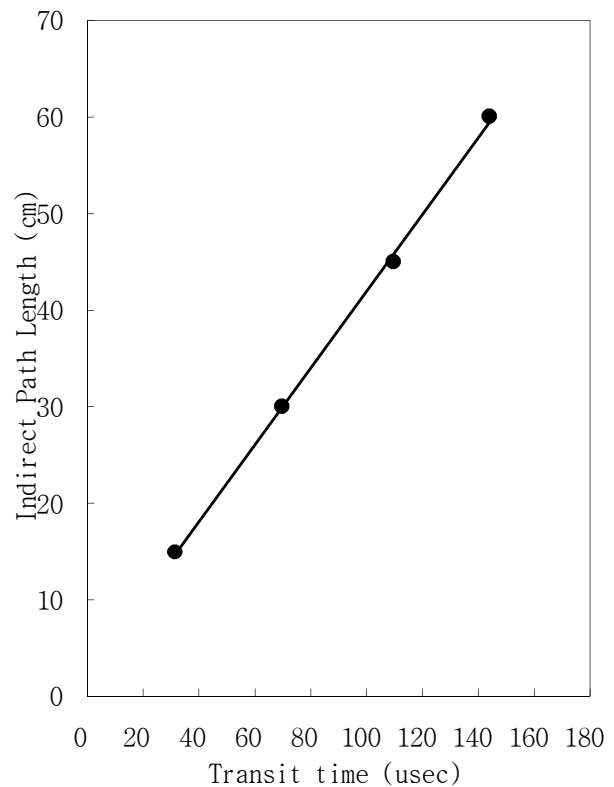
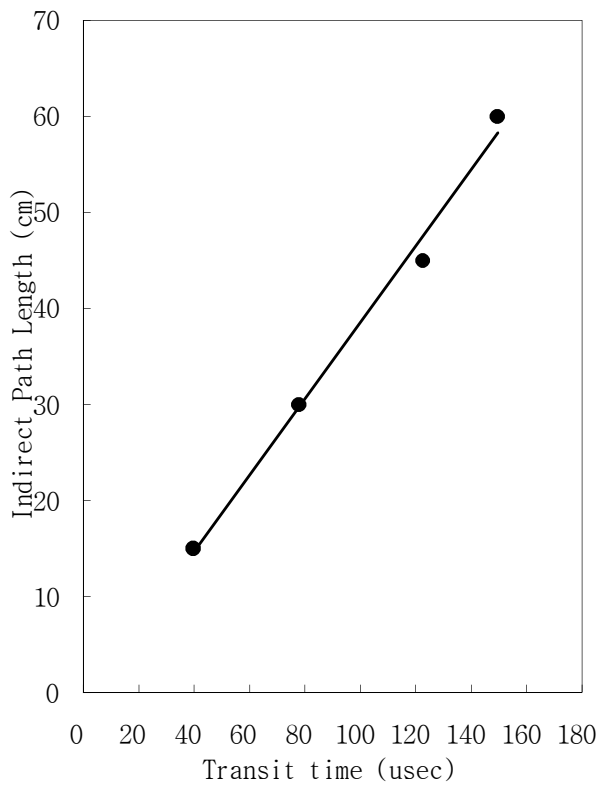
부 재 명	S1(건전부)	부 재 명	S2(건전부)
X	Transit Time (usec)	X	Transit Time (usec)
Y	Indirect Path Length (cm)	Y	Indirect Path Length (cm)
X	Y	X	Y
39.3	15	38.5	15
80.5	30	77.9	30
111.9	45	105.5	45
150.3	60	152.3	60
Best fit line (Equation)		Best fit line (Equation)	
$Y = 4.106 X - 17.163$		$Y = 4.029 X - 1.867$	
Vi (km/s)	4.106	Vi (km/s)	4.029
Correction Ration (Vi → Vd)	4.311	Correction Ration (Vi → Vd)	4.230
압축강도(F')	30.1	압축강도(F')	28.4



Pulse Velocity Data

(Vi : Indirect Pluse Velocity, Vd : Direct Pluse Velocity)

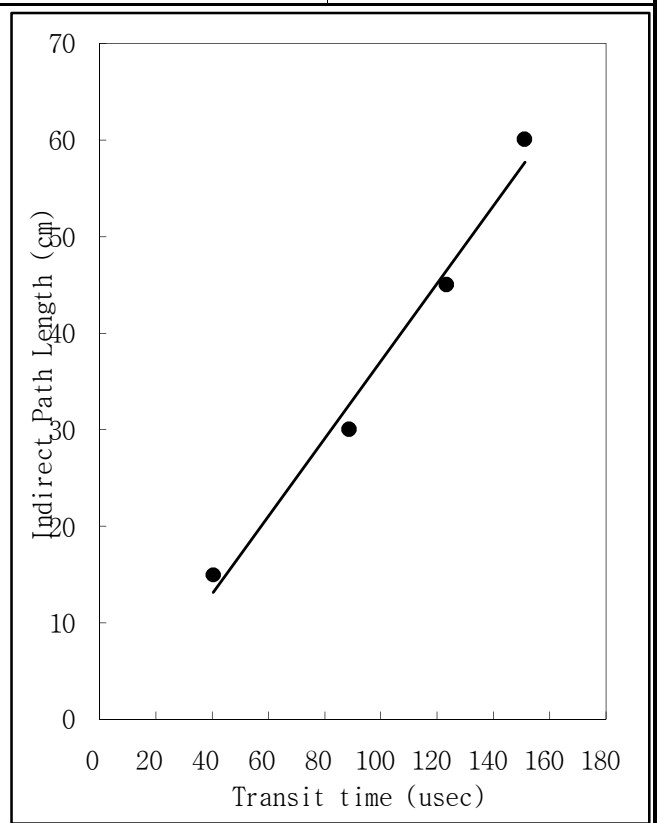
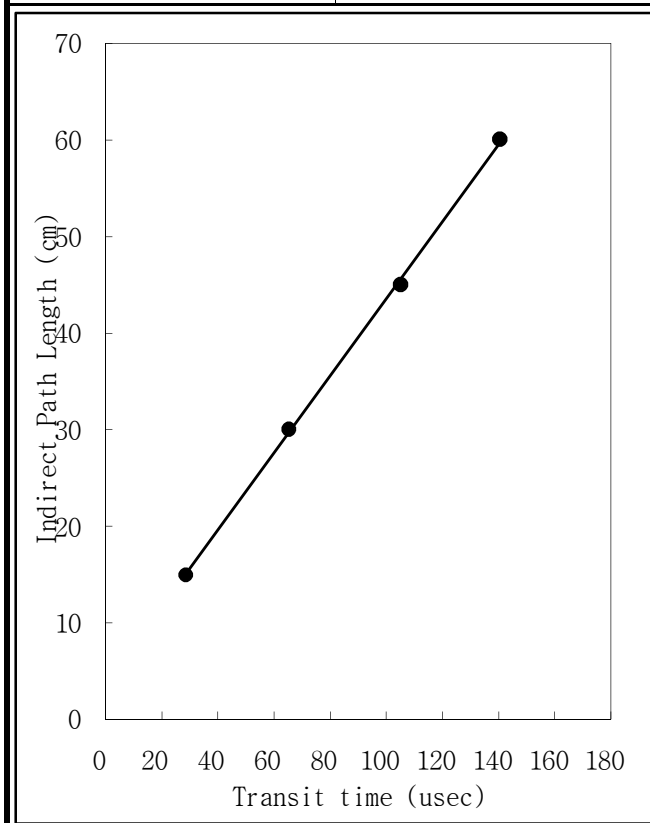
부 재 명	S3(건전부)	부 재 명	S4(건전부)
X	Transit Time (usec)	X	Transit Time (usec)
Y	Indirect Path Length (cm)	Y	Indirect Path Length (cm)
X	Y	X	Y
39.8	15	31.5	15
77.8	30	69.8	30
122.3	45	109.6	45
149.5	60	144.0	60
Best fit line (Equation)		Best fit line (Equation)	
$Y = 3.982 X - 12.666$		$Y = 3.972 X + 22.57$	
Vi (km/s)	3.982	Vi (km/s)	3.972
Correction Ration (Vi → Vd)	4.181	Correction Ration (Vi → Vd)	4.171
압축강도(F')	27.4	압축강도(F')	27.2



Pulse Velocity Data

(Vi : Indirect Pluse Velocity, Vd : Direct Pluse Velocity)

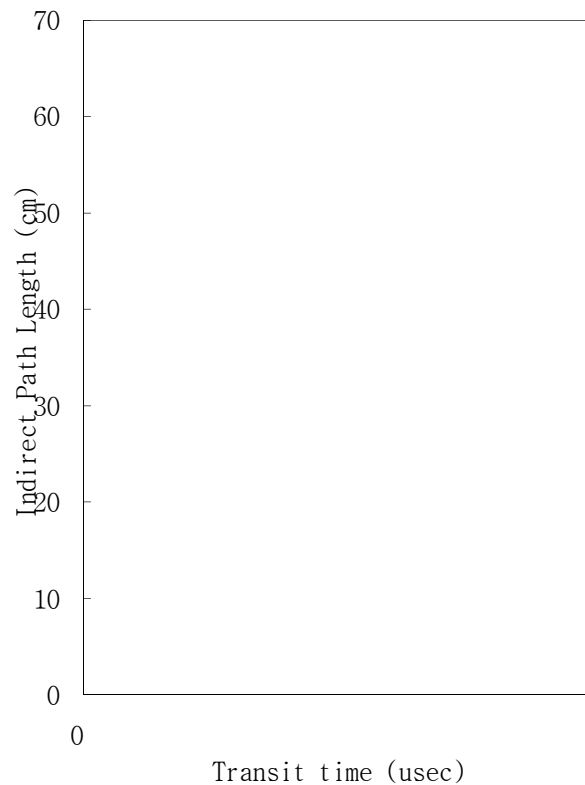
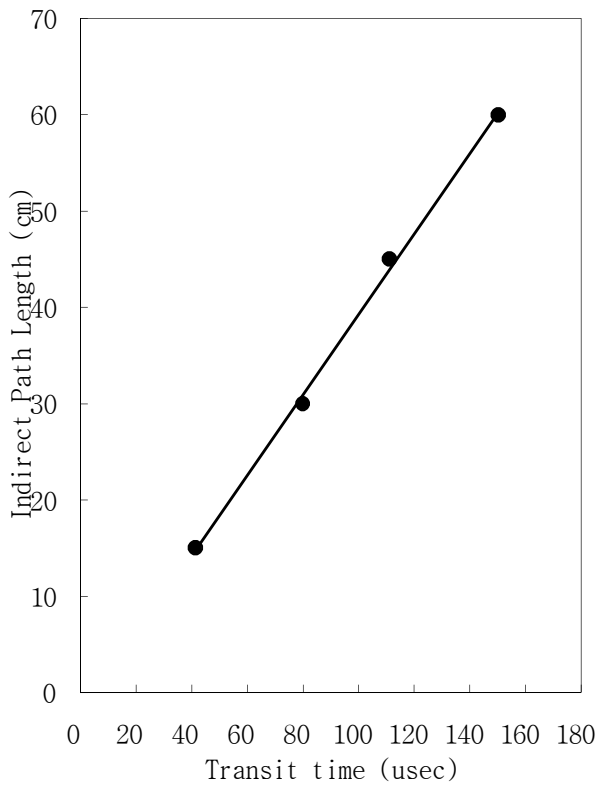
부 재 명	S5(건전부)	부 재 명	S6(건전부)
X	Transit Time (usec)	X	Transit Time (usec)
Y	Indirect Path Length (cm)	Y	Indirect Path Length (cm)
X	Y	X	Y
28.5	15	40.5	15
65.2	30	88.8	30
105.3	45	123.4	45
140.5	60	151.1	60
Best fit line (Equation)		Best fit line (Equation)	
$Y = 3.986 X + 36.685$		$Y = 4.029 X - 31.71$	
Vi (km/s)	3.986	Vi (km/s)	4.029
Correction Ration (Vi → Vd)	4.185	Correction Ration (Vi → Vd)	4.230
압축강도(F')	27.5	압축강도(F')	28.4



Pulse Velocity Data

(Vi : Indirect Pluse Velocity, Vd : Direct Pluse Velocity)

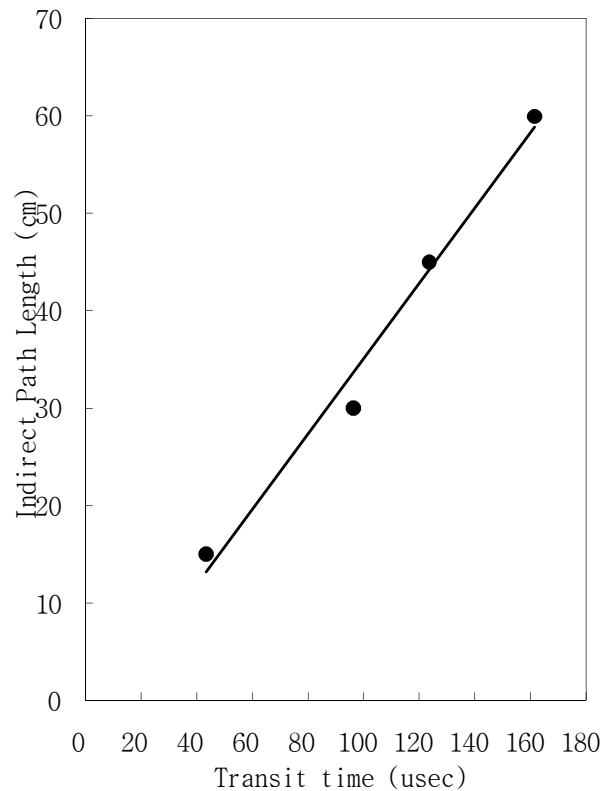
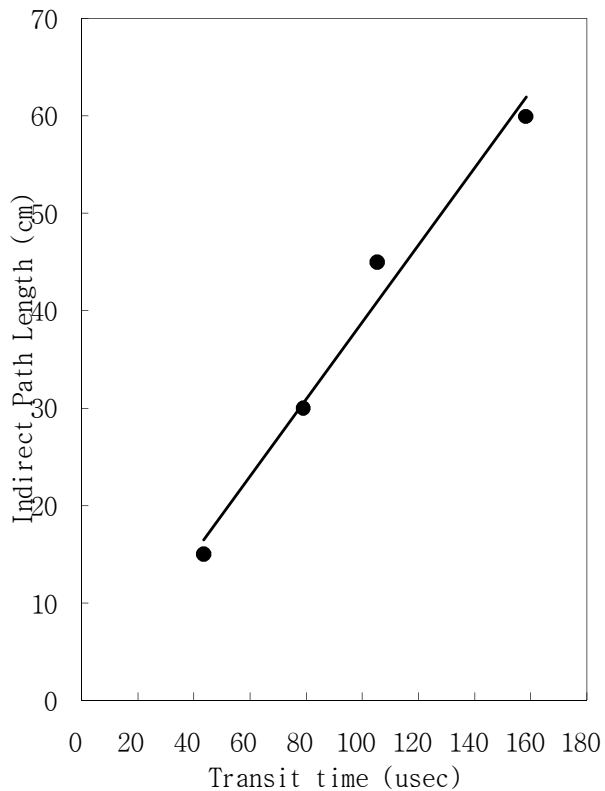
부 재 명	S7(건전부)	부 재 명	
X	Transit Time (usec)	X	Transit Time (usec)
Y	Indirect Path Length (cm)	Y	Indirect Path Length (cm)
X	Y	X	Y
41.5	15		15
79.8	30		30
111.1	45		45
150.3	60		60
Best fit line (Equation)		Best fit line (Equation)	
$Y = 4.186 X - 25.502$		#DIV/0!	
Vi (km/s)	4.186	Vi (km/s)	#####
Correction Ration (Vi → Vd)	4.395	Correction Ration (Vi → Vd)	#####
압축강도(F')	31.9	압축강도(F')	#####



Pulse Velocity Data

(Vi : Indirect Pluse Velocity, Vd : Direct Pluse Velocity)

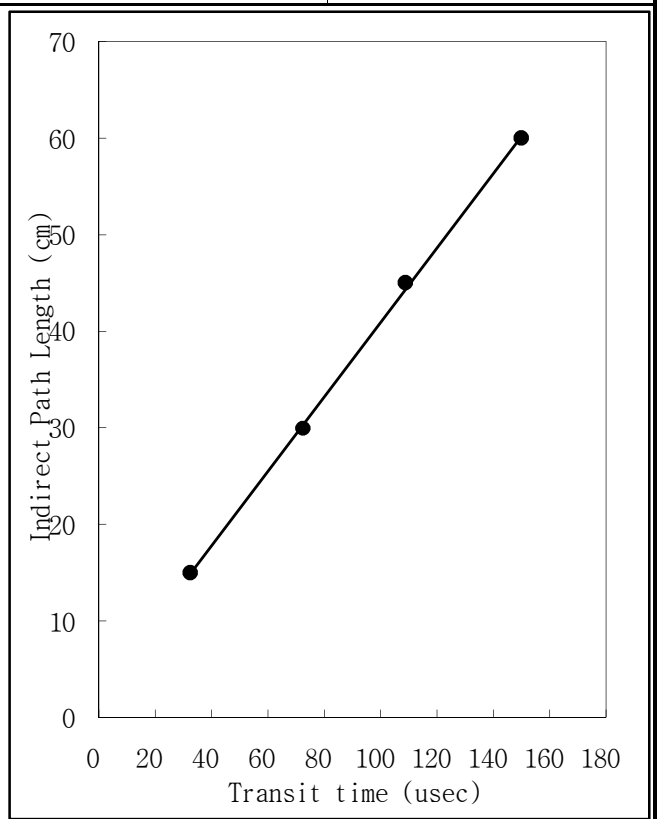
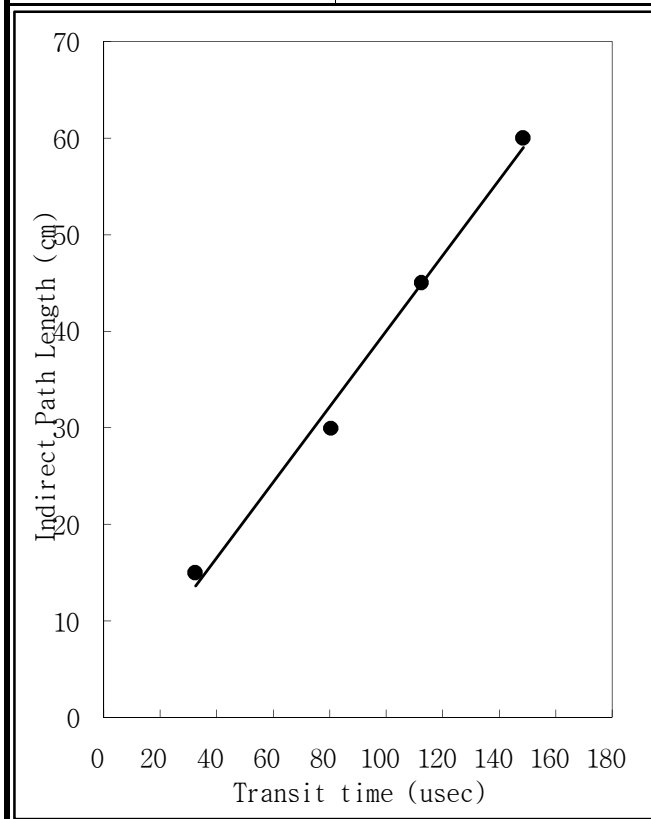
부 재 명	A1	부 재 명	A2
X	Transit Time (usec)	X	Transit Time (usec)
Y	Indirect Path Length (cm)	Y	Indirect Path Length (cm)
X	Y	X	Y
43.6	15	43.5	15
78.9	30	96.5	30
105.5	45	123.5	45
158.3	60	161.5	60
Best fit line (Equation)		Best fit line (Equation)	
$Y = 3.967 X - 8.116$		$Y = 3.871 X - 36.242$	
Vi (km/s)	3.967	Vi (km/s)	3.871
Correction Ration (Vi → Vd)	4.165	Correction Ration (Vi → Vd)	4.065
압축강도(F')	27.0	압축강도(F')	24.9



Pulse Velocity Data

(Vi : Indirect Pluse Velocity, Vd : Direct Pluse Velocity)

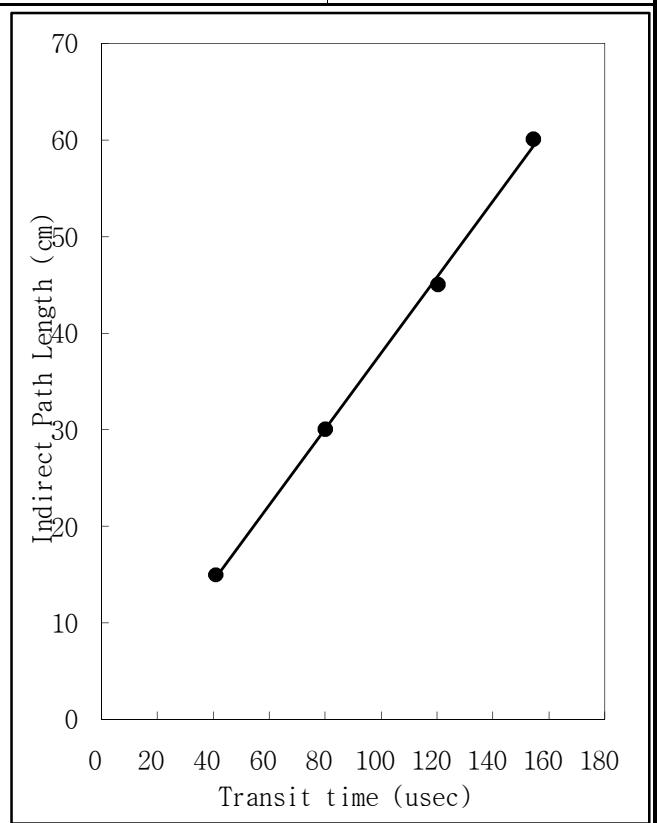
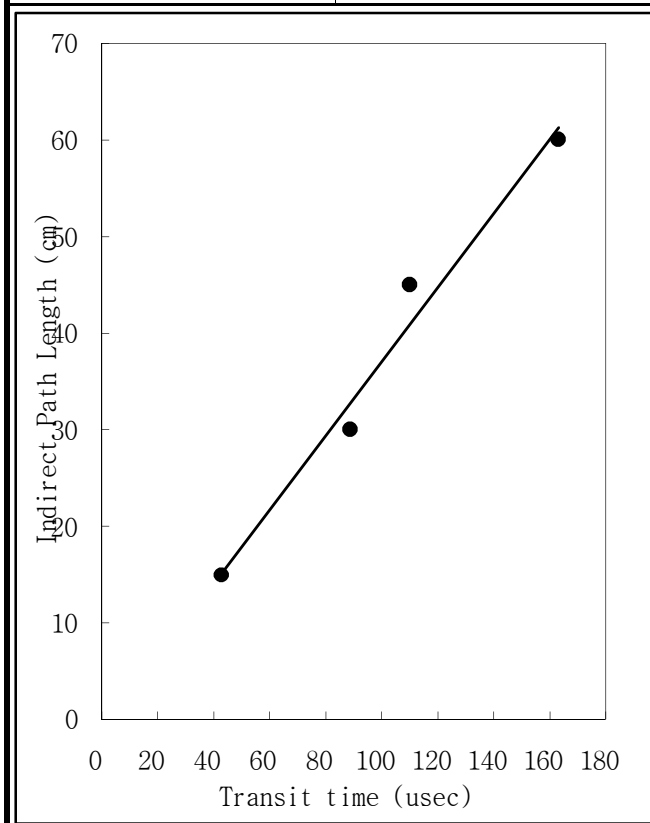
부 재 명	P1	부 재 명	P2
X	Transit Time (usec)	X	Transit Time (usec)
Y	Indirect Path Length (cm)	Y	Indirect Path Length (cm)
X	Y	X	Y
32.5	15	32.5	15
80.4	30	72.5	30
112.3	45	108.8	45
148.5	60	150.0	60
Best fit line (Equation)		Best fit line (Equation)	
$Y = 3.919 X + 8.902$		$Y = 3.856 X + 24.301$	
Vi (km/s)	3.919	Vi (km/s)	3.856
Correction Ration (Vi → Vd)	4.115	Correction Ration (Vi → Vd)	4.049
압축강도(F')	26.0	압축강도(F')	24.6



Pulse Velocity Data

(Vi : Indirect Pluse Velocity, Vd : Direct Pluse Velocity)

부 재 명	P3	부 재 명	P5
X	Transit Time (usec)	X	Transit Time (usec)
Y	Indirect Path Length (cm)	Y	Indirect Path Length (cm)
X	Y	X	Y
42.8	15	40.9	15
88.8	30	80.2	30
110.0	45	120.4	45
163.2	60	154.5	60
Best fit line (Equation)		Best fit line (Equation)	
$Y = 3.831 X - 12.725$		$Y = 3.932 X - 14.27$	
Vi (km/s)	3.831	Vi (km/s)	3.932
Correction Ration (Vi → Vd)	4.023	Correction Ration (Vi → Vd)	4.129
압축강도(F')	24.0	압축강도(F')	26.3



Pulse Velocity Data

(Vi : Indirect Pluse Velocity, Vd : Direct Pluse Velocity)

부 재 명	P6	부 재 명	
X	Transit Time (usec)	X	Transit Time (usec)
Y	Indirect Path Length (cm)	Y	Indirect Path Length (cm)
X	Y	X	Y
40.1	15		15
81.2	30		30
110.5	45		45
155.5	60		60
Best fit line (Equation)		Best fit line (Equation)	
$Y = 3.971 X - 9.515$		#DIV/0!	
Vi (km/s)	3.971	Vi (km/s)	#####
Correction Ration (Vi → Vd)	4.170	Correction Ration (Vi → Vd)	#####
압축강도(F')	27.2	압축강도(F')	#####

