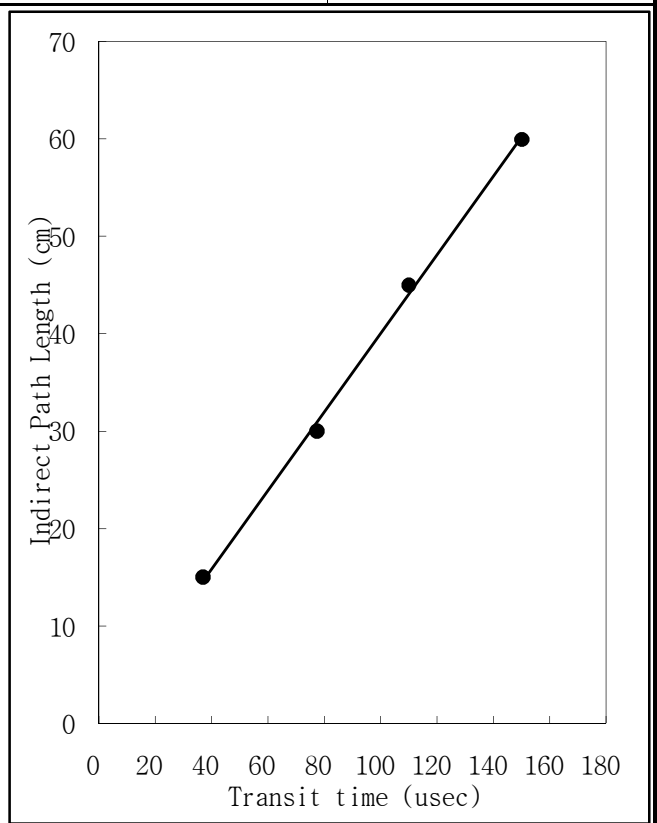
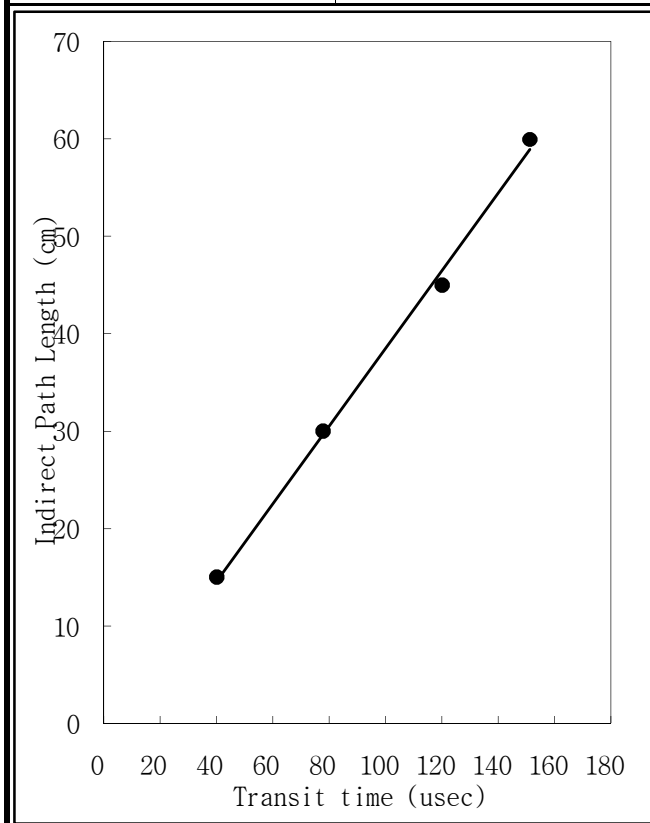


Pulse Velocity Data

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

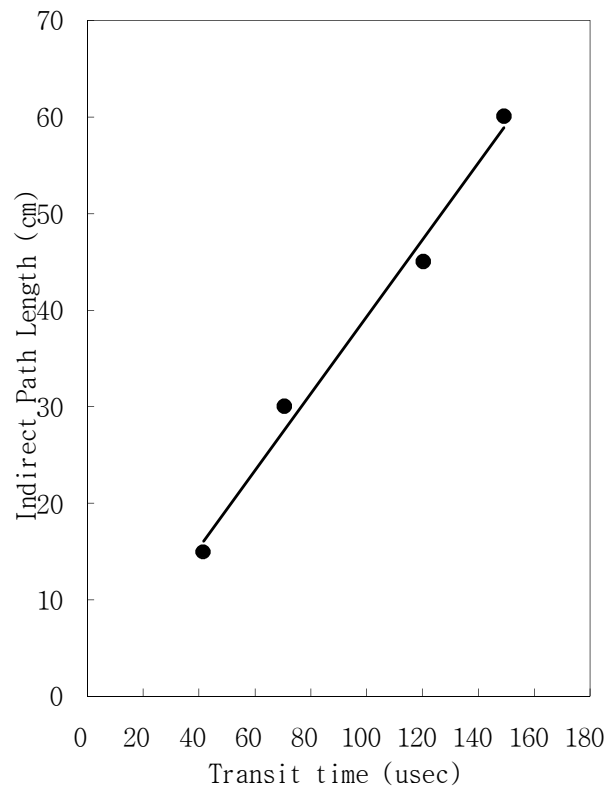
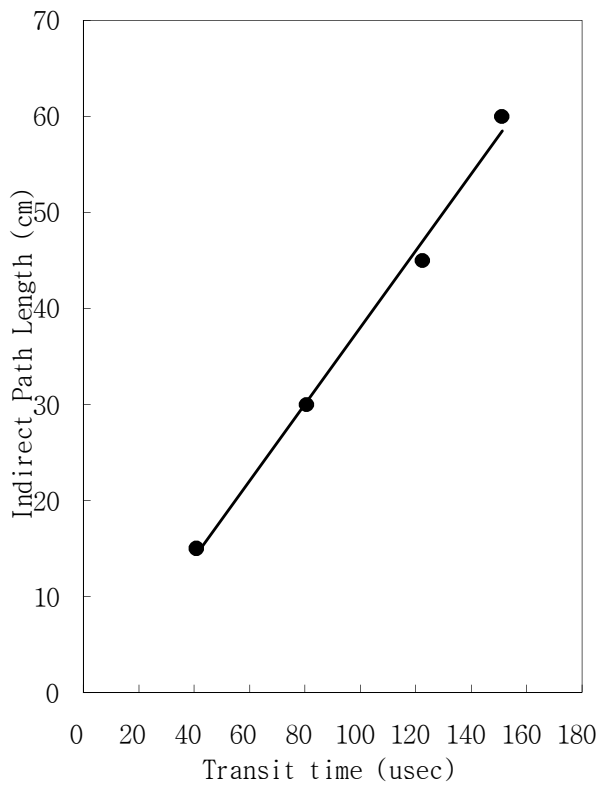
부 재 명	S1(건전부)	부 재 명	S2(건전부)
X	Transit Time (usec)	X	Transit Time (usec)
Y	Indirect Path Length (cm)	Y	Indirect Path Length (cm)
X	Y	X	Y
40.2	15	37.0	15
77.9	30	77.5	30
120.2	45	109.8	45
151.3	60	150.1	60
Best fit line (Equation)		Best fit line (Equation)	
$Y = 3.980 X - 12.693$		$Y = 4.029 X - 2.108$	
Vi (km/s)	3.980	Vi (km/s)	4.029
Correction Ration (Vi → Vd)	4.179	Correction Ration (Vi → Vd)	4.230
압축강도(F')	27.3	압축강도(F')	28.4



Pulse Velocity Data

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

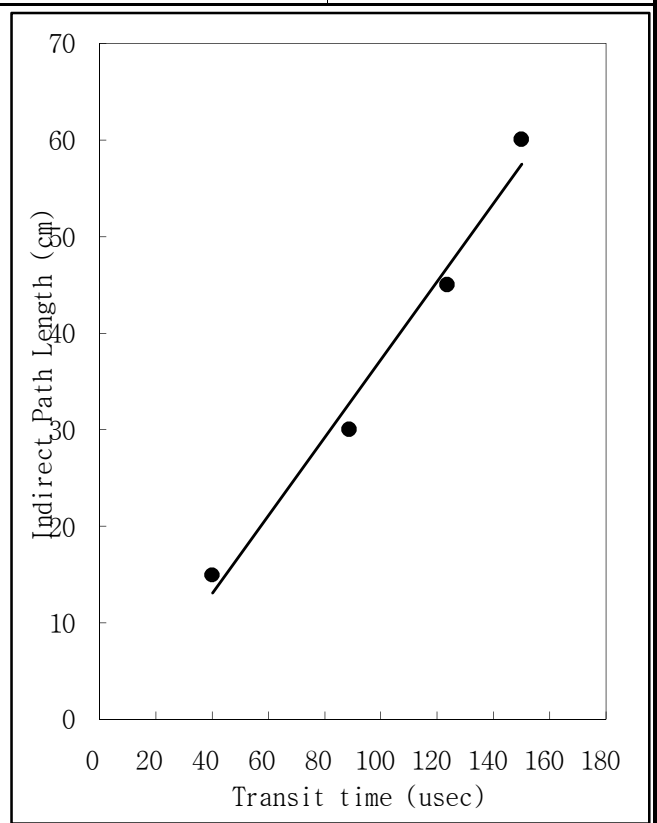
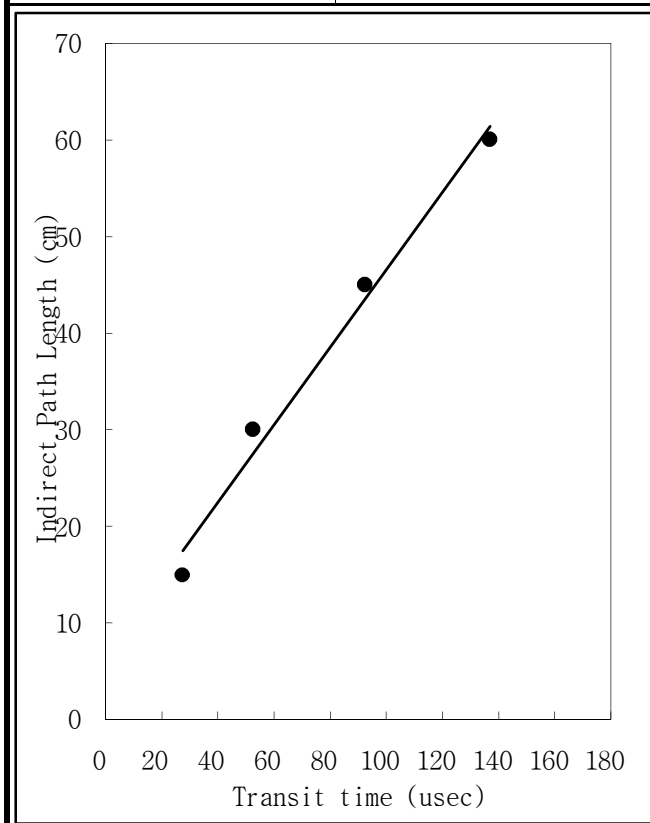
부 재 명	S3(건전부)	부 재 명	S4(건전부)
X	Transit Time (usec)	X	Transit Time (usec)
Y	Indirect Path Length (cm)	Y	Indirect Path Length (cm)
X	Y	X	Y
40.9	15	41.6	15
80.6	30	70.6	30
122.5	45	120.3	45
151.1	60	149.2	60
Best fit line (Equation)		Best fit line (Equation)	
$Y = 4.002 X - 20.312$		$Y = 3.977 X - 4.551$	
Vi (km/s)	4.002	Vi (km/s)	3.977
Correction Ration (Vi → Vd)	4.202	Correction Ration (Vi → Vd)	4.176
압축강도(F')	27.8	압축강도(F')	27.3



Pulse Velocity Data

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

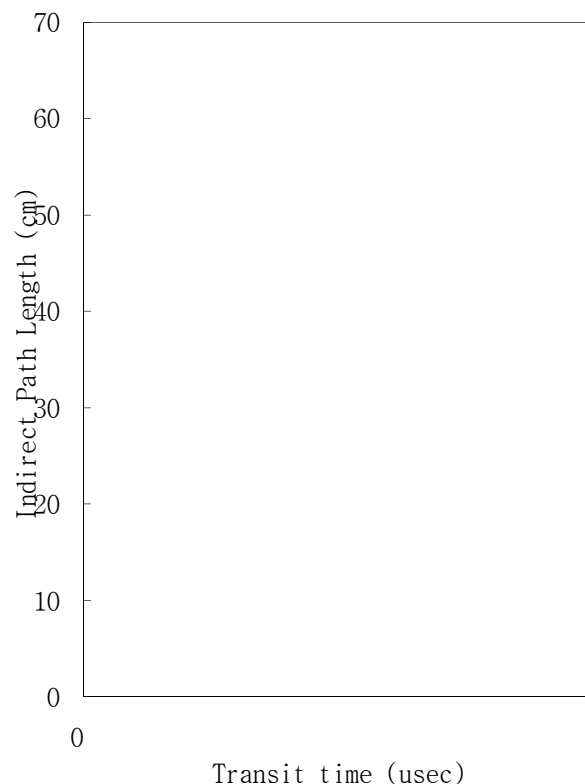
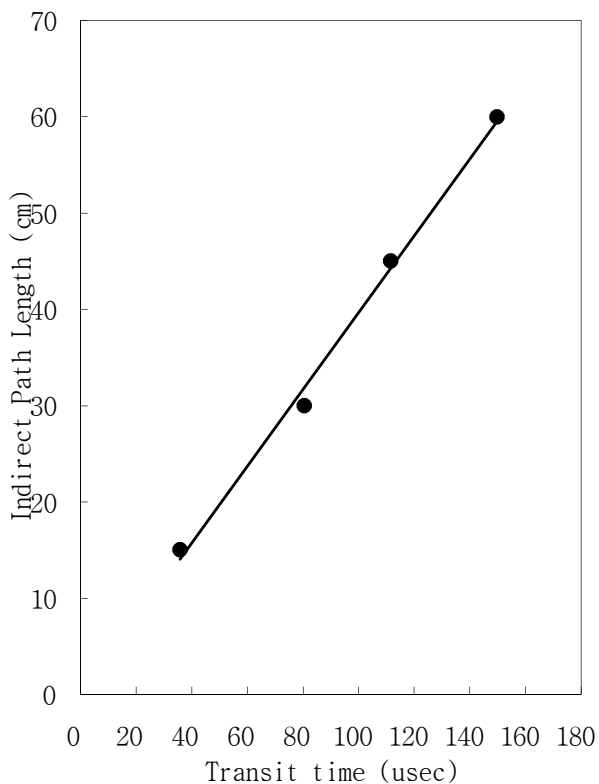
부 재 명	S5(건전부)	부 재 명	S6(건전부)
X	Transit Time (usec)	X	Transit Time (usec)
Y	Indirect Path Length (cm)	Y	Indirect Path Length (cm)
X	Y	X	Y
27.5	15	40.2	15
52.5	30	88.7	30
92.5	45	123.5	45
136.9	60	150.0	60
Best fit line (Equation)		Best fit line (Equation)	
$Y = 4.015 X + 64.454$		$Y = 4.044 X - 31.821$	
Vi (km/s)	4.015	Vi (km/s)	4.044
Correction Ration (Vi → Vd)	4.216	Correction Ration (Vi → Vd)	4.246
압축강도(F')	28.1	압축강도(F')	28.7



Pulse Velocity Data

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

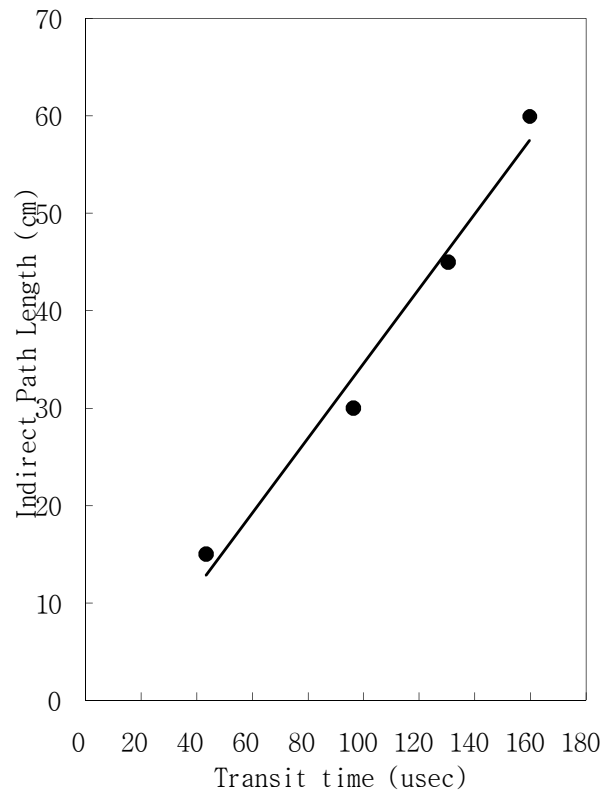
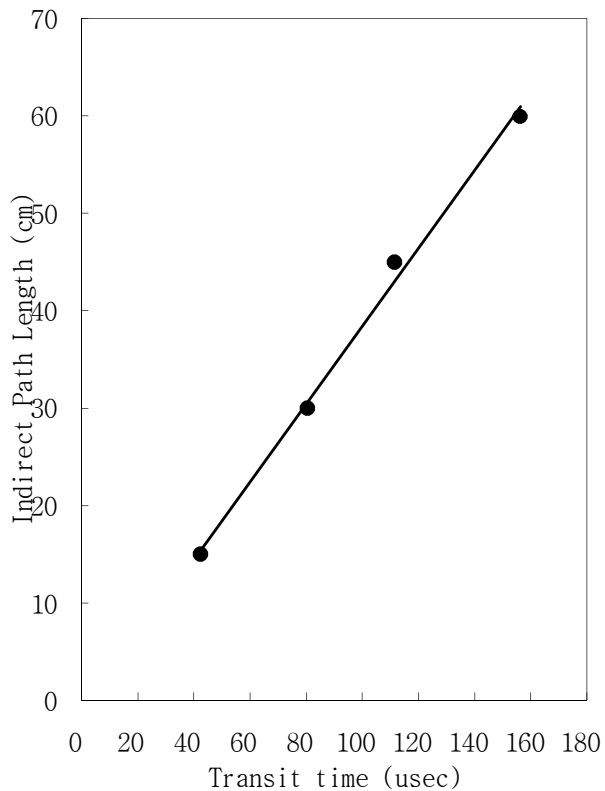
부 재 명	S7(건전부)	부 재 명	
X	Transit Time (usec)	X	Transit Time (usec)
Y	Indirect Path Length (cm)	Y	Indirect Path Length (cm)
X	Y	X	Y
35.9	15		15
80.6	30		30
111.7	45		45
149.8	60		60
Best fit line (Equation)		Best fit line (Equation)	
$Y = 4.005 X - 3.482$		#DIV/0!	
Vi (km/s)	4.005	Vi (km/s)	#####
Correction Ration (Vi → Vd)	4.205	Correction Ration (Vi → Vd)	#####
압축강도(F')	27.9	압축강도(F')	#####



Pulse Velocity Data

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

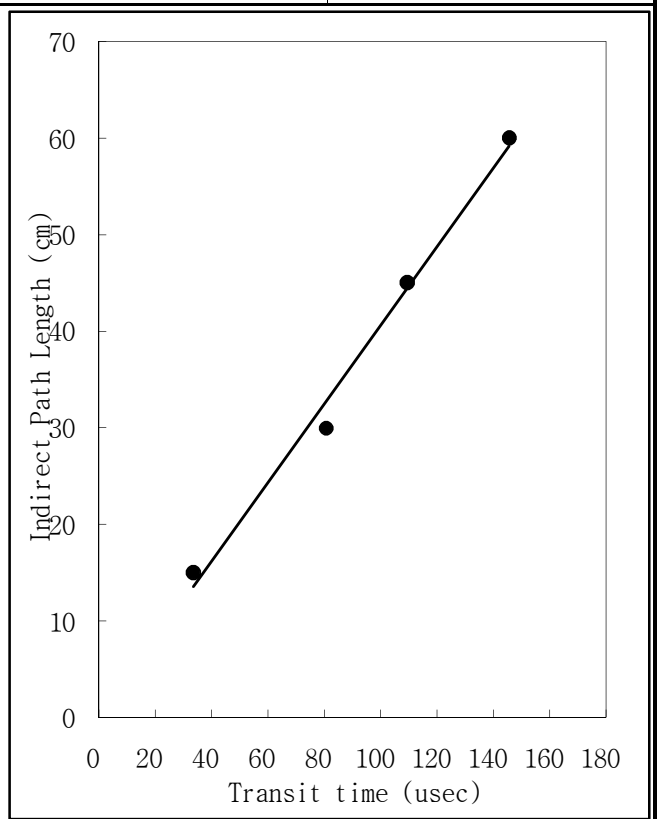
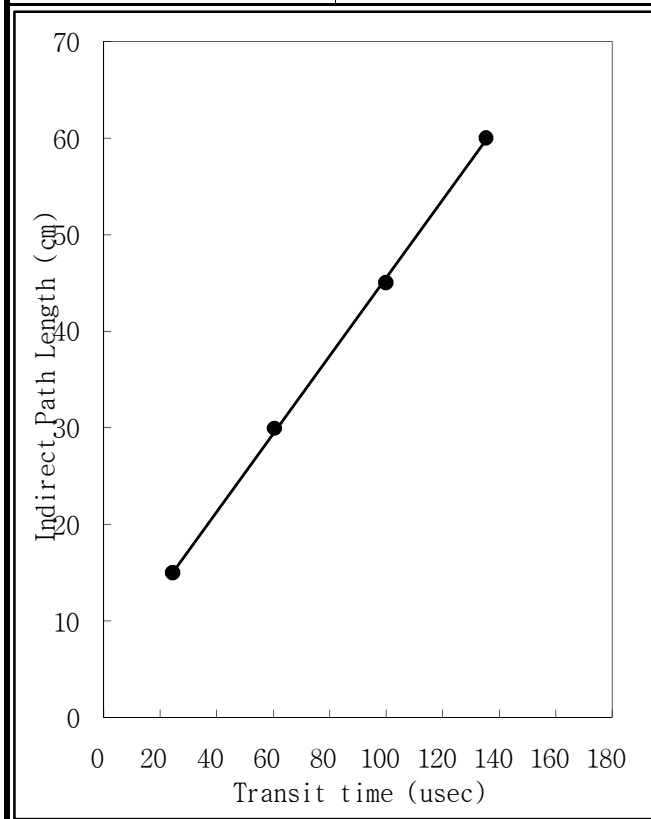
부 재 명	A1	부 재 명	A2
X	Transit Time (usec)	X	Transit Time (usec)
Y	Indirect Path Length (cm)	Y	Indirect Path Length (cm)
X	Y	X	Y
42.5	15	43.5	15
80.5	30	96.5	30
111.5	45	130.5	45
156.3	60	159.6	60
Best fit line (Equation)		Best fit line (Equation)	
$Y = 4.009 X - 16.654$		$Y = 3.843 X - 38.25$	
Vi (km/s)	4.009	Vi (km/s)	3.843
Correction Ration (Vi → Vd)	4.209	Correction Ration (Vi → Vd)	4.035
압축강도(F')	28.0	압축강도(F')	24.3



Pulse Velocity Data

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

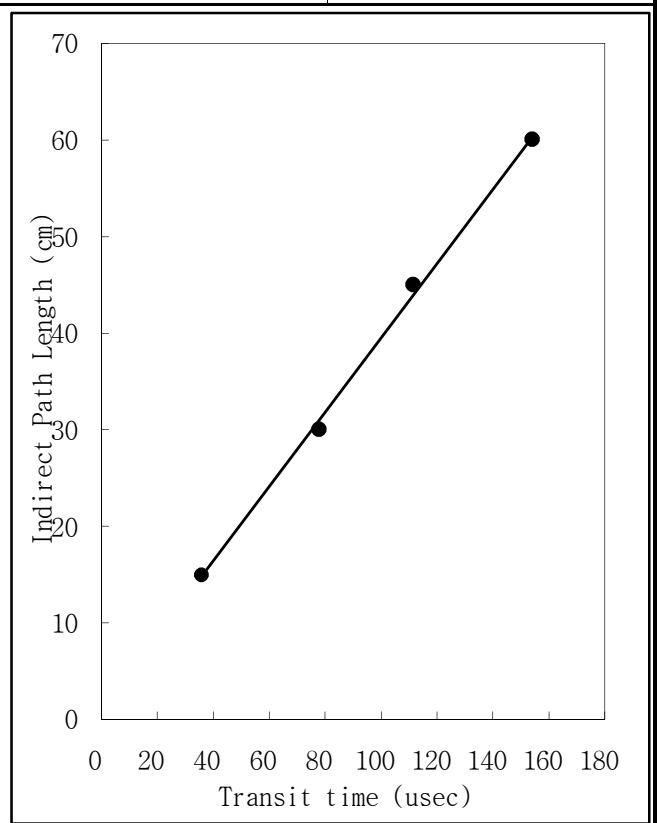
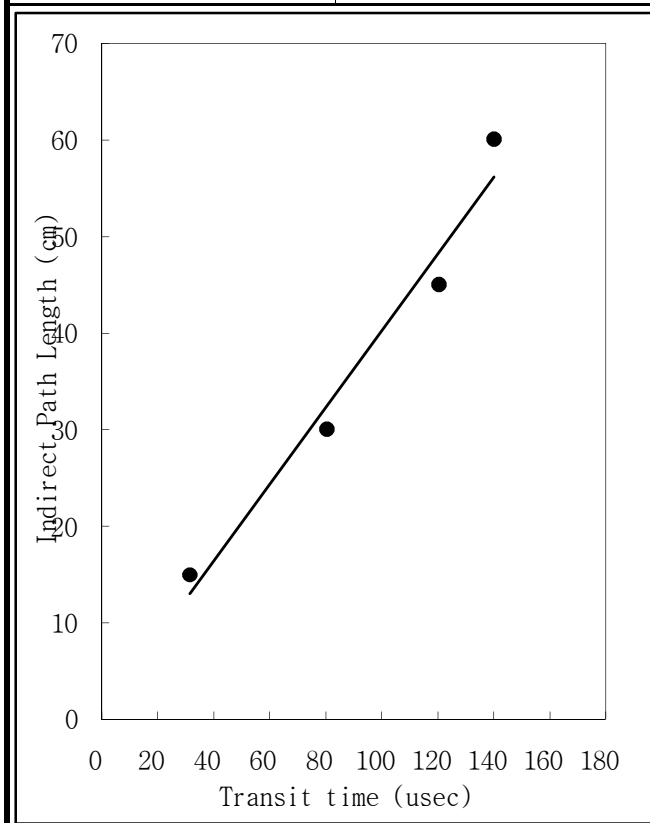
부 재 명	P1	부 재 명	P2
X	Transit Time (usec)	X	Transit Time (usec)
Y	Indirect Path Length (cm)	Y	Indirect Path Length (cm)
X	Y	X	Y
24.5	15	33.5	15
60.5	30	80.5	30
99.9	45	109.5	45
135.2	60	145.5	60
Best fit line (Equation)		Best fit line (Equation)	
$Y = 4.036 X + 52.022$		$Y = 4.072 X - 0.641$	
Vi (km/s)	4.036	Vi (km/s)	4.072
Correction Ration (Vi → Vd)	4.238	Correction Ration (Vi → Vd)	4.276
압축강도(F')	28.5	압축강도(F')	29.3



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
31.5	15	35.6	15
80.5	30	77.8	30
120.5	45	111.5	45
140.2	60	154.2	60
Best fit line (Equation)		Best fit line (Equation)	
$Y = 3.966 X + 5.428$		$Y = 3.843 X + 10.751$	
Vi (km/s)	3.966	Vi (km/s)	3.843
Correction Ration (Vi → Vd)	4.164	Correction Ration (Vi → Vd)	4.035
압축강도(F')	27.0	압축강도(F')	24.3



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
30.9	15		15
75.6	30		30
110.8	45		45
145.5	60		60
Best fit line (Equation)		Best fit line (Equation)	
Y = 3.942 X + 17.475		#DIV/0!	
Vi (km/s)	3.942	Vi (km/s)	#####
Correction Ration (Vi → Vd)	4.139	Correction Ration (Vi → Vd)	#####
압축강도(F')	26.5	압축강도(F')	#####

