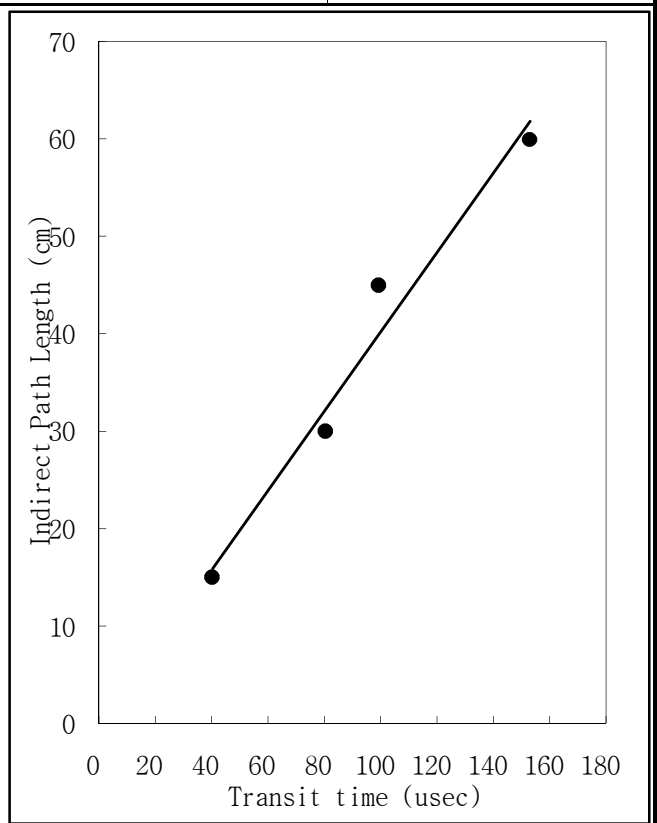
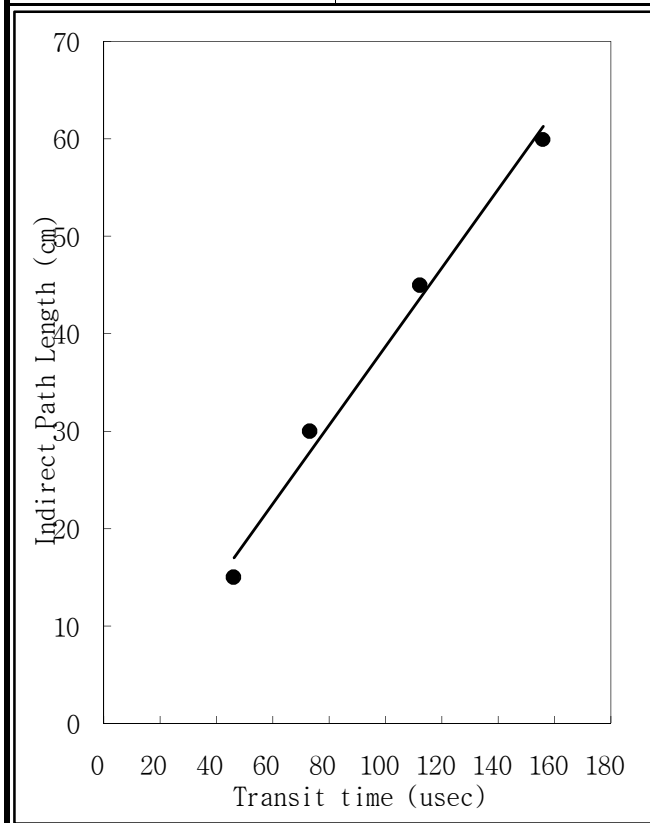


Pulse Velocity Data

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

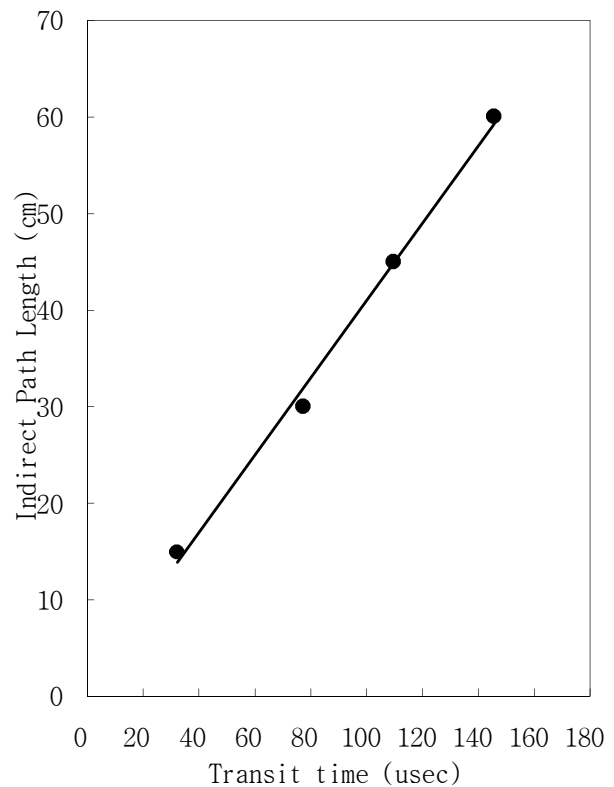
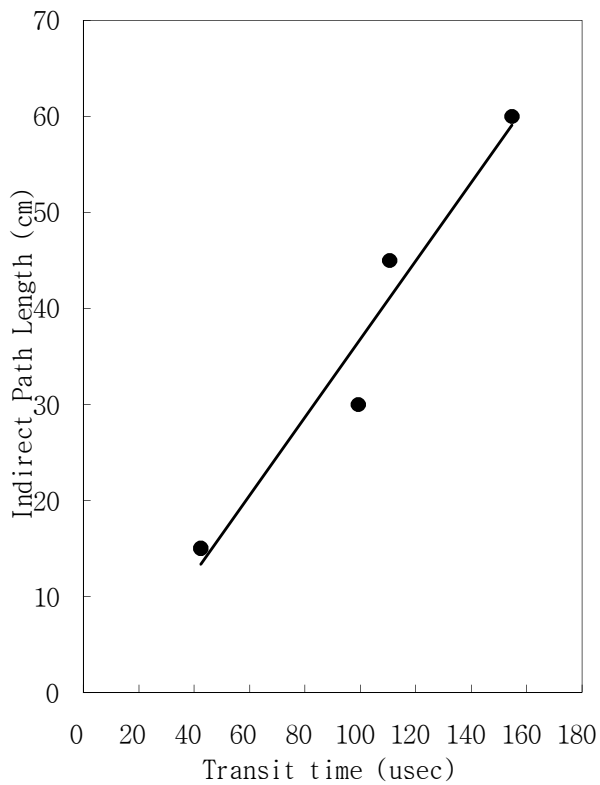
부 재 명	S1(건전부)	부 재 명	S2(건전부)
X	Transit Time (usec)	X	Transit Time (usec)
Y	Indirect Path Length (cm)	Y	Indirect Path Length (cm)
X	Y	X	Y
46.1	15	40.2	15
73.2	30	80.3	30
112.2	45	99.3	45
155.9	60	152.9	60
Best fit line (Equation)		Best fit line (Equation)	
$Y = 4.029 X - 15.23$		$Y = 4.072 X - 4.439$	
Vi (km/s)	4.029	Vi (km/s)	4.072
Correction Ration (Vi → Vd)	4.230	Correction Ration (Vi → Vd)	4.276
압축강도(F')	28.4	압축강도(F')	29.3



Pulse Velocity Data

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

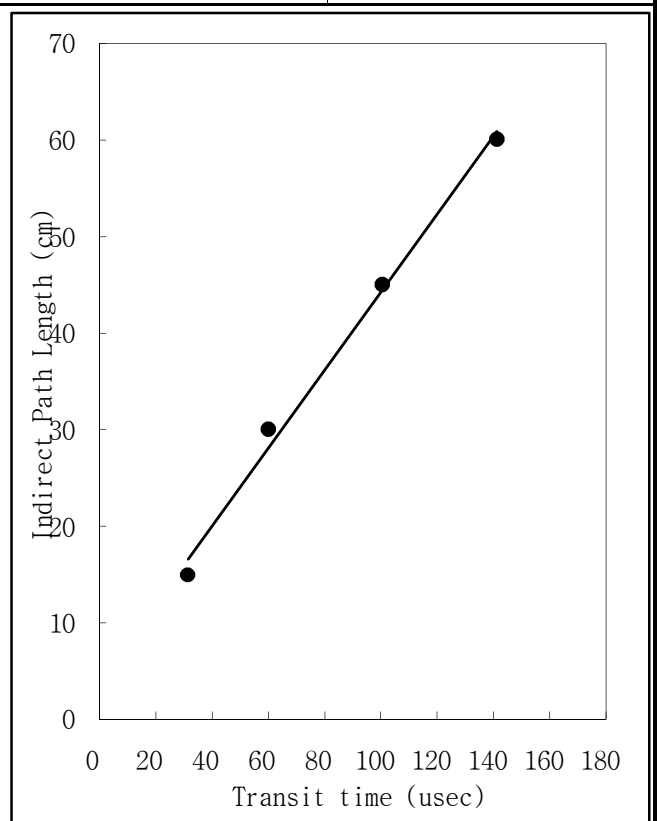
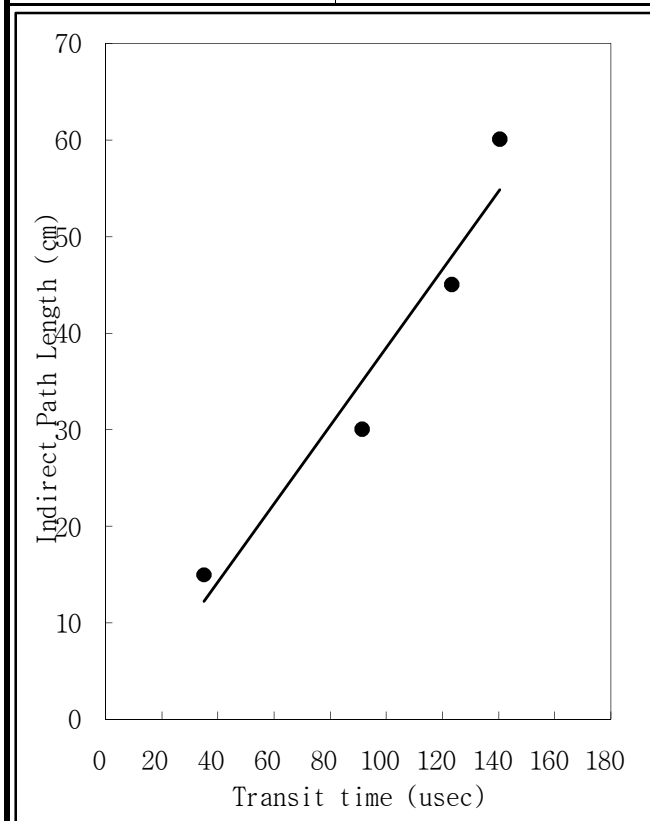
부 재 명	S3(건전부)	부 재 명	S4(건전부)
X	Transit Time (usec)	X	Transit Time (usec)
Y	Indirect Path Length (cm)	Y	Indirect Path Length (cm)
X	Y	X	Y
42.5	15	32.2	15
99.3	30	77.4	30
110.6	45	109.6	45
154.7	60	145.6	60
Best fit line (Equation)		Best fit line (Equation)	
$Y = 4.078 X - 40.024$		$Y = 4.008 X + 9.512$	
Vi (km/s)	4.078	Vi (km/s)	4.008
Correction Ration (Vi → Vd)	4.282	Correction Ration (Vi → Vd)	4.208
압축강도(F')	29.5	압축강도(F')	28.0



Pulse Velocity Data

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

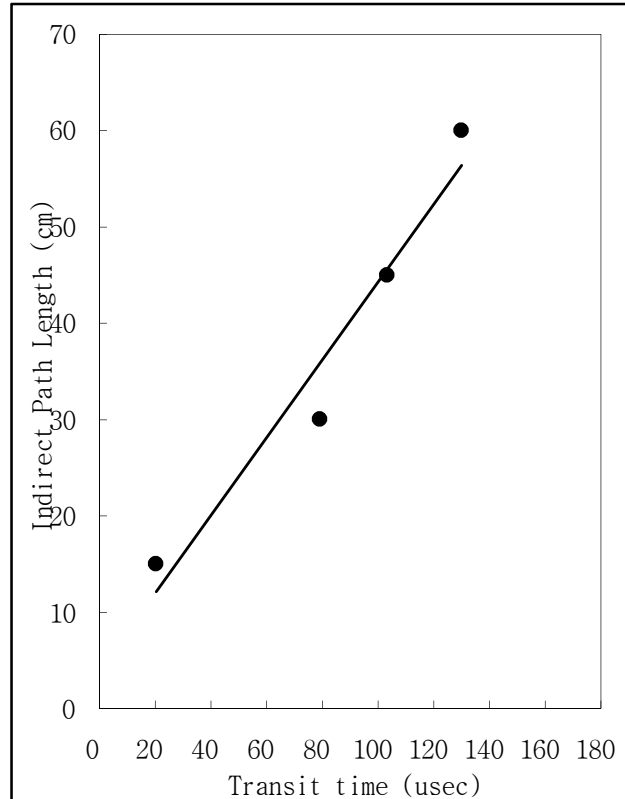
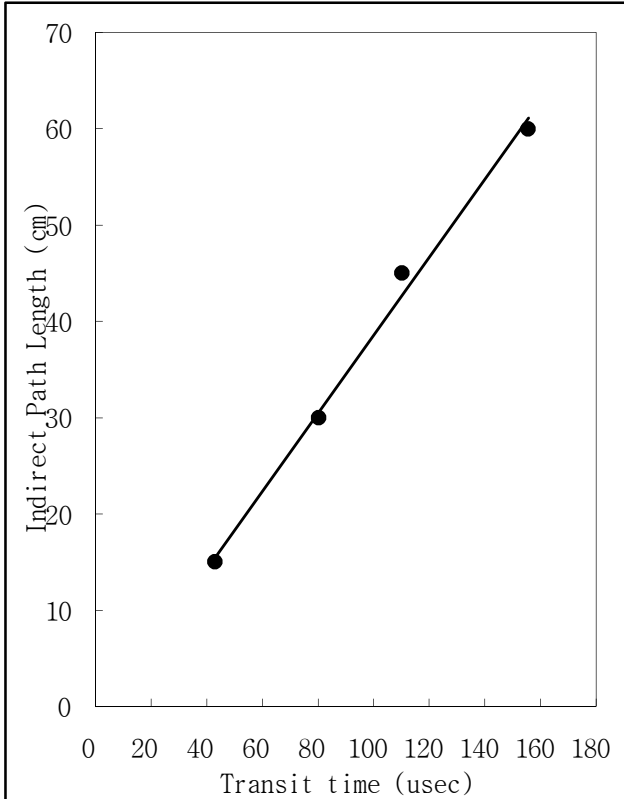
부 재 명	S5(건전부)	부 재 명	S7(건전부)
X	Transit Time (usec)	X	Transit Time (usec)
Y	Indirect Path Length (cm)	Y	Indirect Path Length (cm)
X	Y	X	Y
35.2	15	31.5	15
91.5	30	60.2	30
123.5	45	100.5	45
140.5	60	141.2	60
Best fit line (Equation)		Best fit line (Equation)	
$Y = 4.050 X - 20.61$		$Y = 4.036 X + 38.63$	
Vi (km/s)	4.050	Vi (km/s)	4.036
Correction Ration (Vi → Vd)	4.253	Correction Ration (Vi → Vd)	4.238
압축강도(F')	28.8	압축강도(F')	28.5



Pulse Velocity Data

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

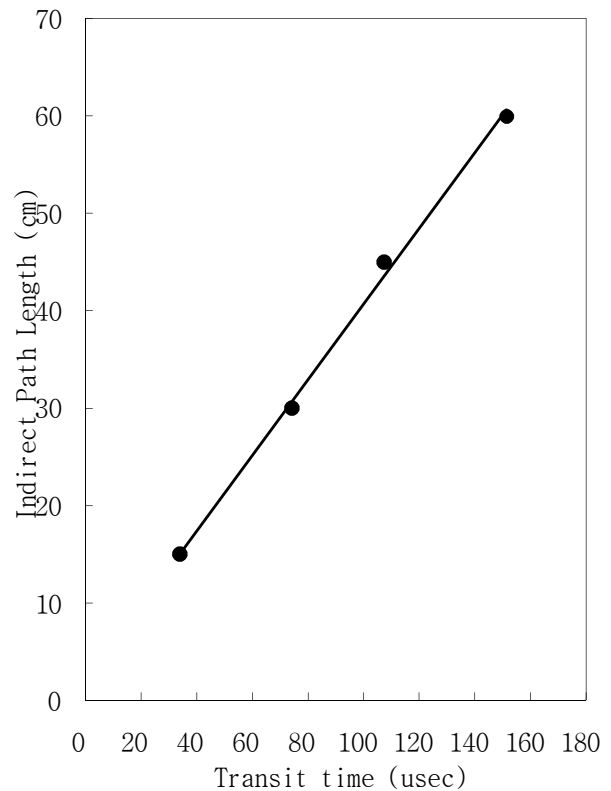
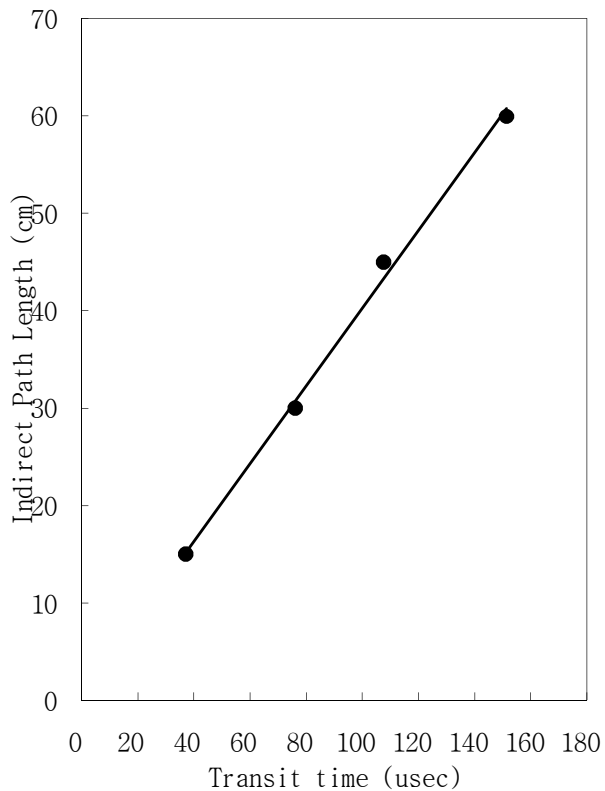
부 재 명	S8(건전부)	부 재 명	S9(건전부)
X	Transit Time (usec)	X	Transit Time (usec)
Y	Indirect Path Length (cm)	Y	Indirect Path Length (cm)
X	Y	X	Y
43.2	15	20.4	15
80.4	30	79.2	30
110.2	45	103.2	45
155.6	60	130.0	60
Best fit line (Equation)		Best fit line (Equation)	
$Y = 4.061 X - 20.349$		$Y = 4.040 X + 38.902$	
Vi (km/s)	4.061	Vi (km/s)	4.040
Correction Ration (Vi → Vd)	4.264	Correction Ration (Vi → Vd)	4.242
압축강도(F')	29.1	압축강도(F')	28.6



Pulse Velocity Data

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

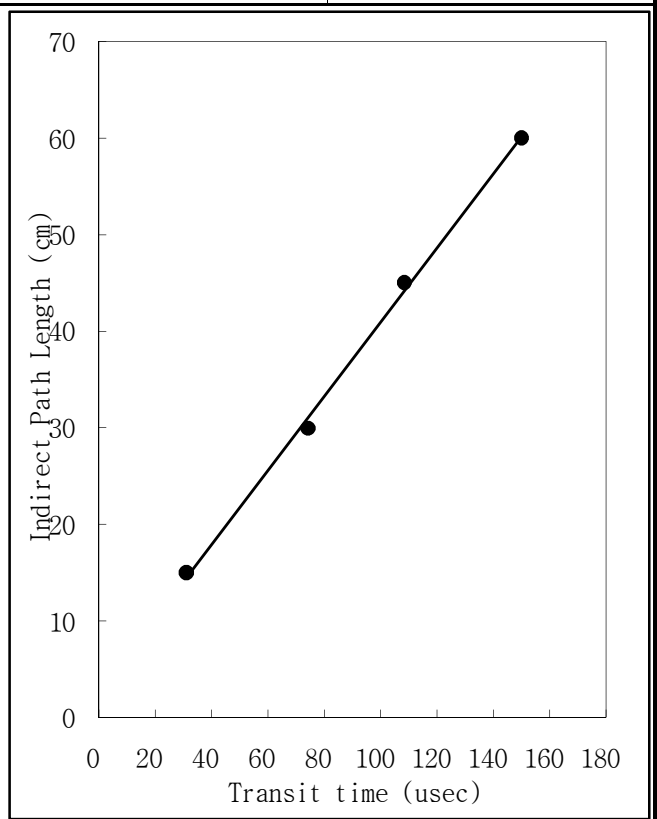
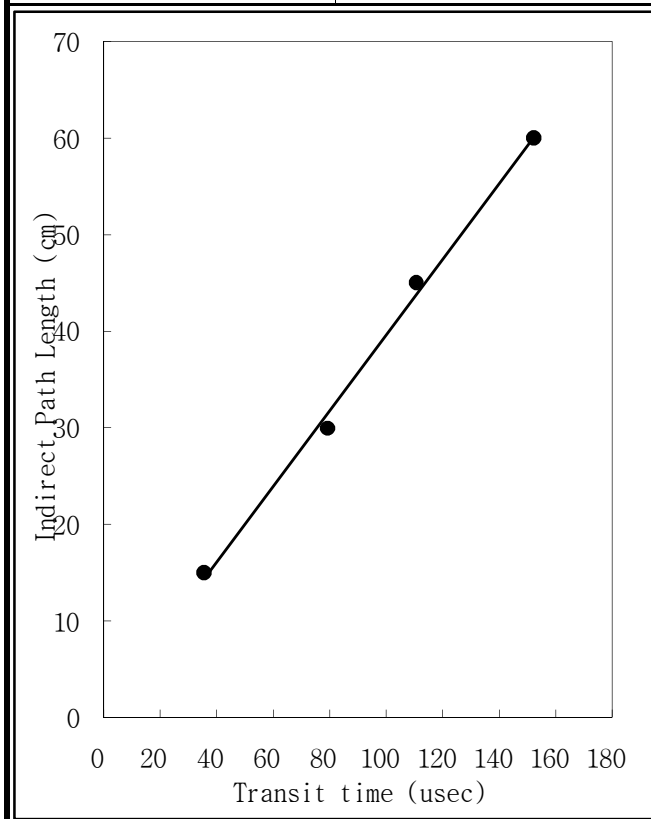
부 재 명	A1	부 재 명	A2
X	Transit Time (usec)	X	Transit Time (usec)
Y	Indirect Path Length (cm)	Y	Indirect Path Length (cm)
X	Y	X	Y
37.2	15	34.1	15
76.2	30	74.4	30
107.8	45	107.5	45
151.4	60	151.3	60
Best fit line (Equation)		Best fit line (Equation)	
$Y = 3.995 X + 2.885$		$Y = 3.889 X + 17.882$	
Vi (km/s)	3.995	Vi (km/s)	3.889
Correction Ration (Vi → Vd)	4.195	Correction Ration (Vi → Vd)	4.083
압축강도(F')	27.7	압축강도(F')	25.3



Pulse Velocity Data

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

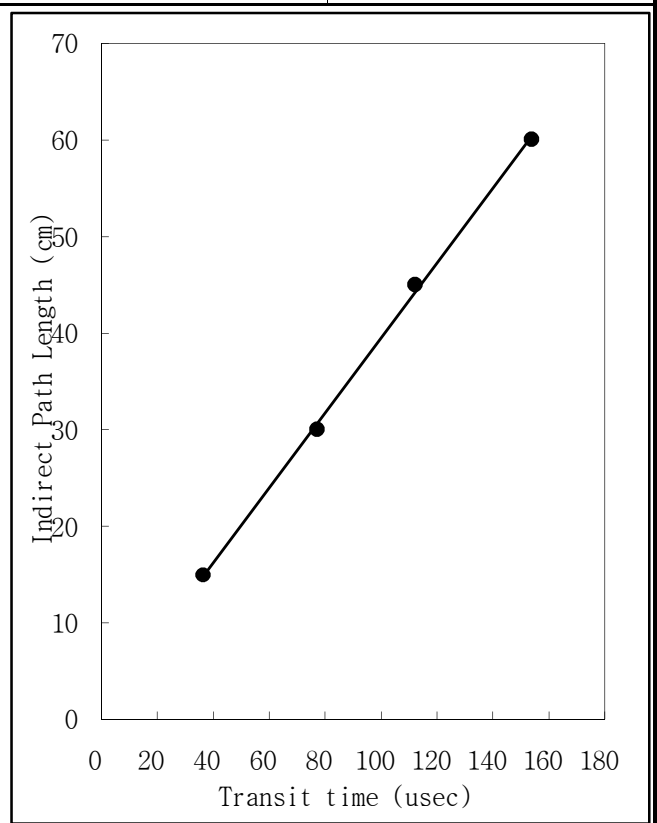
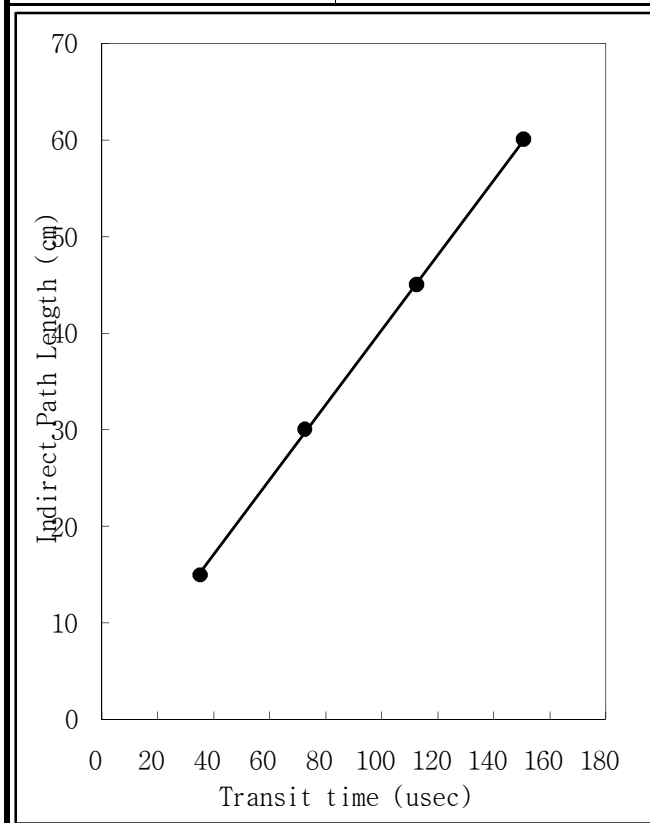
부 재 명	P1	부 재 명	P2
X	Transit Time (usec)	X	Transit Time (usec)
Y	Indirect Path Length (cm)	Y	Indirect Path Length (cm)
X	Y	X	Y
35.6	15	31.1	15
79.4	30	74.3	30
110.5	45	108.2	45
152.3	60	149.8	60
Best fit line (Equation)		Best fit line (Equation)	
$Y = 3.920 X + 4.791$		$Y = 3.839 X + 26.269$	
Vi (km/s)	3.920	Vi (km/s)	3.839
Correction Ration (Vi → Vd)	4.116	Correction Ration (Vi → Vd)	4.031
압축강도(F')	26.0	압축강도(F')	24.2



Pulse Velocity Data

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

부 재 명	P3	부 재 명	P4
X	Transit Time (usec)	X	Transit Time (usec)
Y	Indirect Path Length (cm)	Y	Indirect Path Length (cm)
X	Y	X	Y
35.2	15	36.4	15
72.4	30	77.2	30
112.6	45	112.1	45
150.8	60	153.8	60
Best fit line (Equation)		Best fit line (Equation)	
$Y = 3.875 X + 15.576$		$Y = 3.871 X + 7.768$	
Vi (km/s)	3.875	Vi (km/s)	3.871
Correction Ration (Vi → Vd)	4.069	Correction Ration (Vi → Vd)	4.065
압축강도(F')	25.0	압축강도(F')	24.9



Pulse Velocity Data

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

부 재 명	P6	부 재 명	P7
X	Transit Time (usec)	X	Transit Time (usec)
Y	Indirect Path Length (cm)	Y	Indirect Path Length (cm)
X	Y	X	Y
37.6	15	34.2	15
80.7	30	78.6	30
111.6	45	109.3	45
153.2	60	152.6	60
Best fit line (Equation)		Best fit line (Equation)	
$Y = 3.957 X - 3.939$		$Y = 3.869 X + 12.582$	
Vi (km/s)	3.957	Vi (km/s)	3.869
Correction Ration (Vi → Vd)	4.155	Correction Ration (Vi → Vd)	4.062
압축강도(F')	26.8	압축강도(F')	24.8

