3 - Receiver SASW Data Sheet

Page 1 of 1

Project : Vogtle

Data Sheet # : SA3#7

Location : G (SA3#7)

Disk # : SA3#7

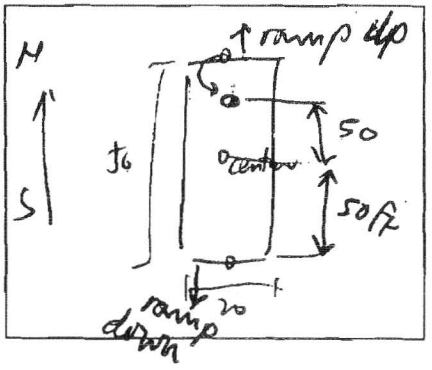
Date/(Time) : Dec 1 27 2007 (: ~ :)

Personnel : Stokoe, Tuan

Recorded by : Tuan

Checked by : Stokoe

Sketch



			Cable
R1 I.D. :	3773	(1Hz)	C26
R2 I.D. :	3774	(1Hz)	C27
R3 I.D. :	3775	(1Hz)	C25

Distance (ft) S - R1	R1 - R2	R2 - R3	Impact Direction		Impact Source	Record #	Freq. Range (Hz)	Notes (input voltage)
25	25	25	For	Rev	bull dozer	361	0 - 100	500 mV
50	50		For	Rev	"	362	0 - 100	
50	50	50	For	Rev	"	363	0 - 100	
50	50	50	For	Rev	"	364	0 - 50	250 mV
100	100		For	Rev	"	365	0 - 50	100 mV
25	25	25	For	Rev	bull dozer	366	0 - 100	500 mV
50	50		For	Rev	"	367	0 - 50	250 mV
85	50	50	For	Rev	"	368	0 - 50	150 mV
100	100		For	Rev	"	369	0 - 50	100 mV
			For	Rev			~	
			For	Rev			~	
			For	Rev			~	
			For	Rev			~	
			For	Rev			~	
			For	Rev			~	
			For	Rev			~	

* Autosequence 3R_SASW saves F_2/1, C_2/1, F_4/3, C_4/3, Lin_1, Lin_2, Lin_4

* Autosequence 3R_SEWPSIN saves F_2/1, Var_2, F_4/3, Var_4, Lin_1, Lin_2, Lin_4

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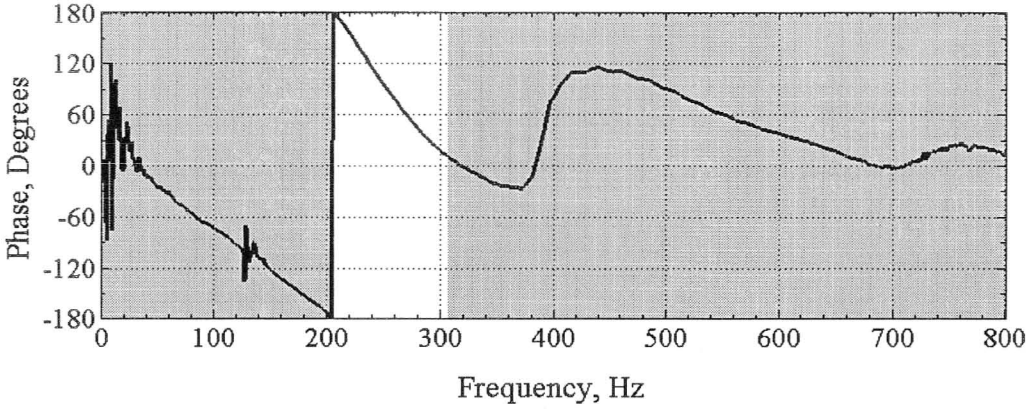

Figure N.1 Phase Plots Measured by SASW Testing with 1-ft Receiver Spacing (3A1_F_21.DAT)

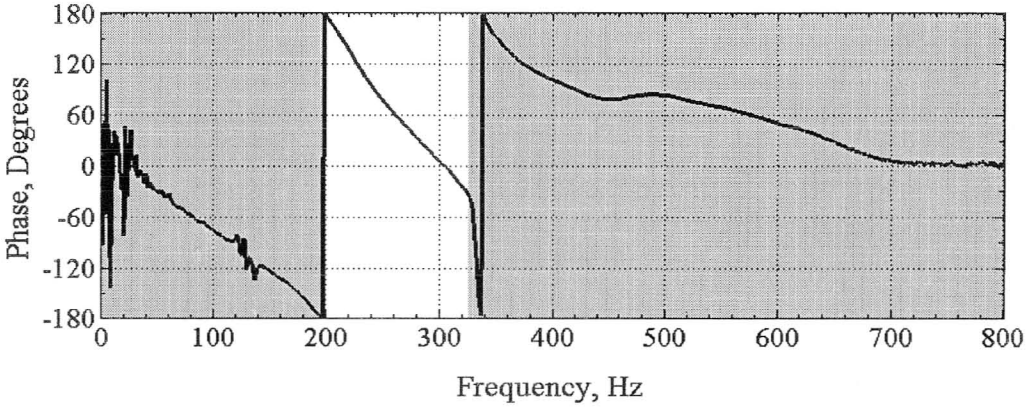

Figure N.2 Phase Plots Measured by SASW Testing with 1-ft Receiver Spacing (3A2_F_21.DAT)

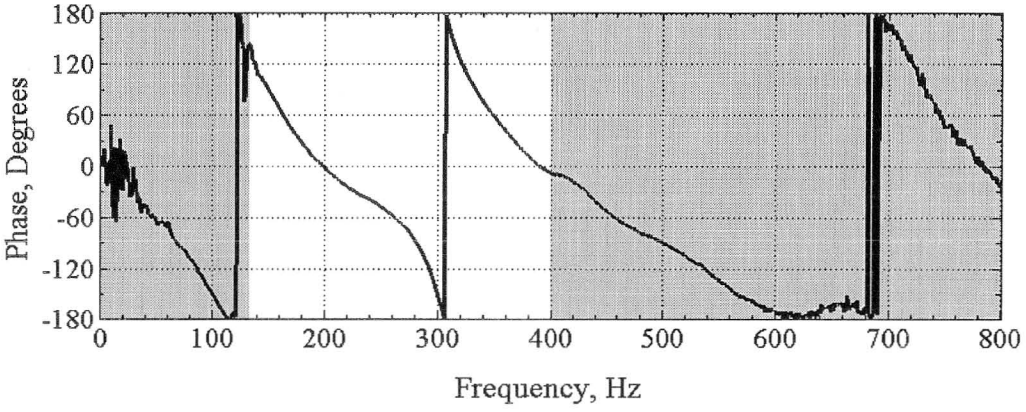

Figure N.3 Phase Plots Measured by SASW Testing with 2-ft Receiver Spacing (3A1_F_43.DAT)

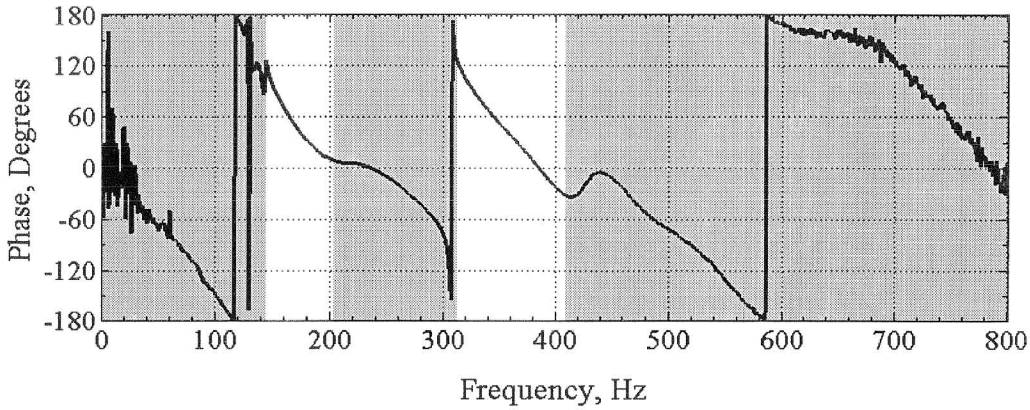

Figure N.4 Phase Plots Measured by SASW Testing with 2-ft Receiver Spacing (3A2_F_43.DAT)

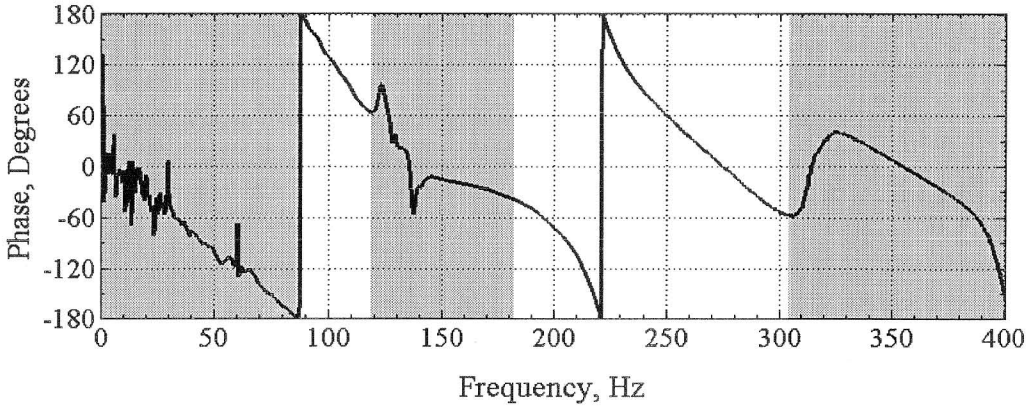

Figure N.5 Phase Plots Measured by SASW Testing with 3-ft Receiver Spacing (3A3_F_21.DAT)

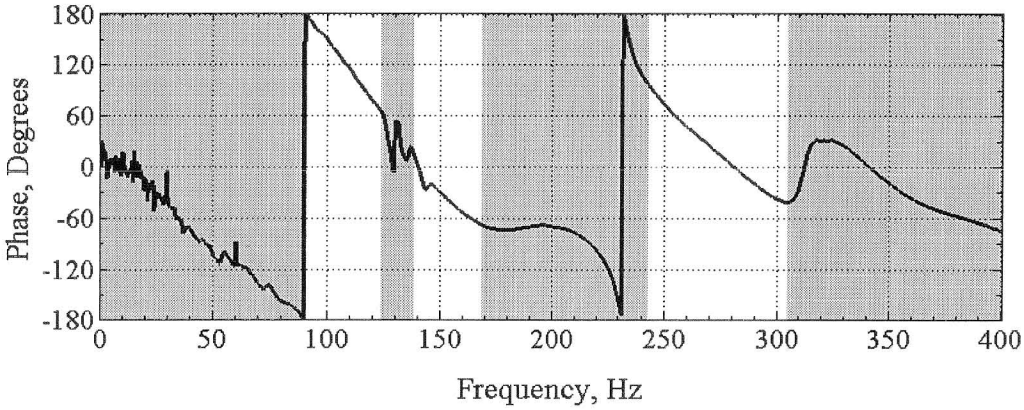

Figure N.6 Phase Plots Measured by SASW Testing with 3-ft Receiver Spacing (3A4_F_21.DAT)

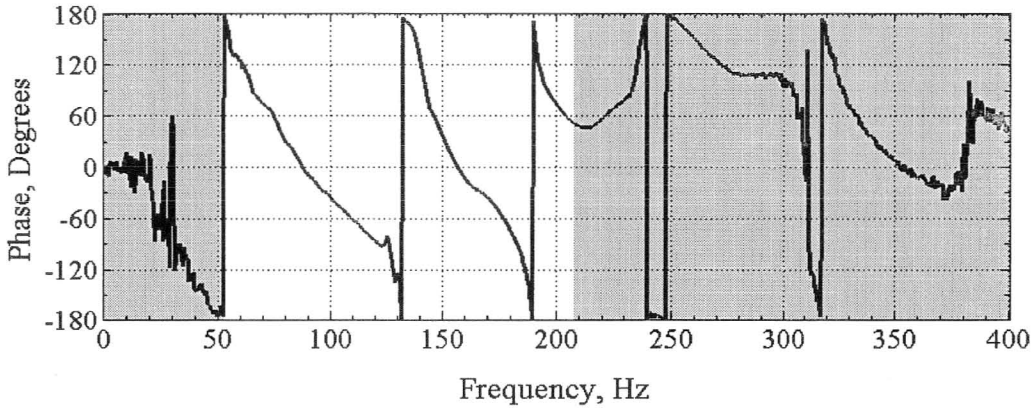

Figure N.7 Phase Plots Measured by SASW Testing with 6-ft Receiver Spacing (3A3_F_43.DAT)

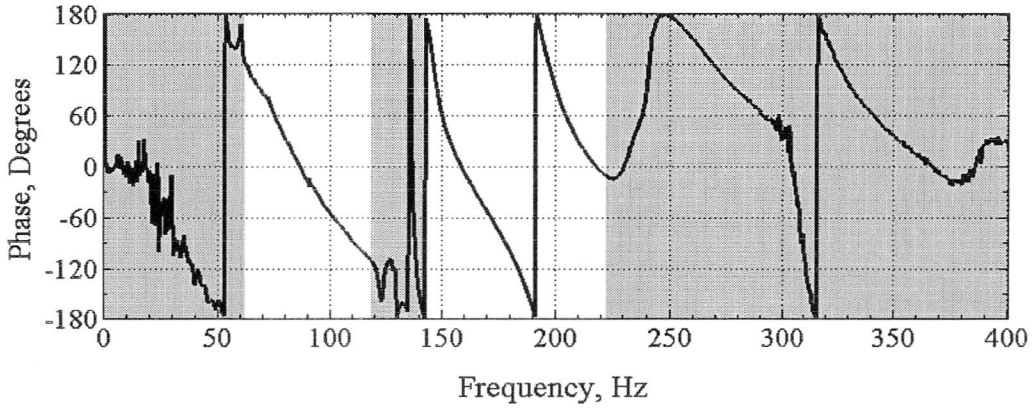

Figure N.8 Phase Plots Measured by SASW Testing with 6-ft Receiver Spacing (3A4_F_43.DAT)

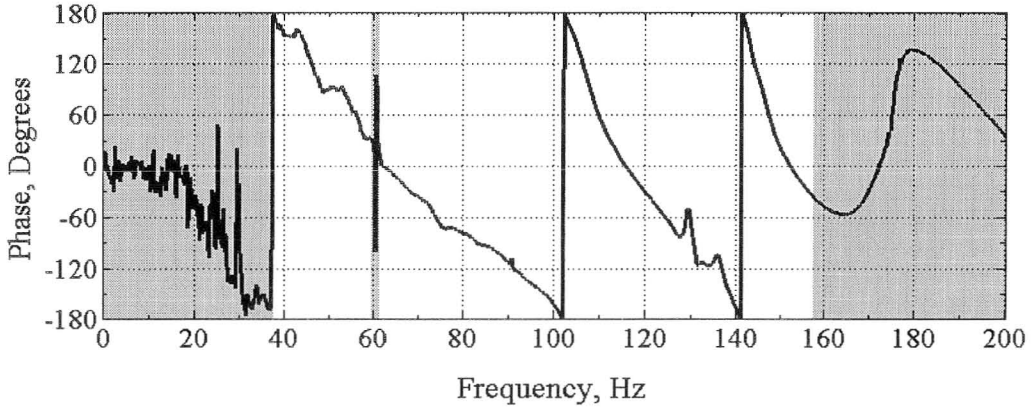

Figure N.9 Phase Plots Measured by SASW Testing with 9-ft Receiver Spacing (3A5_F_21.DAT)

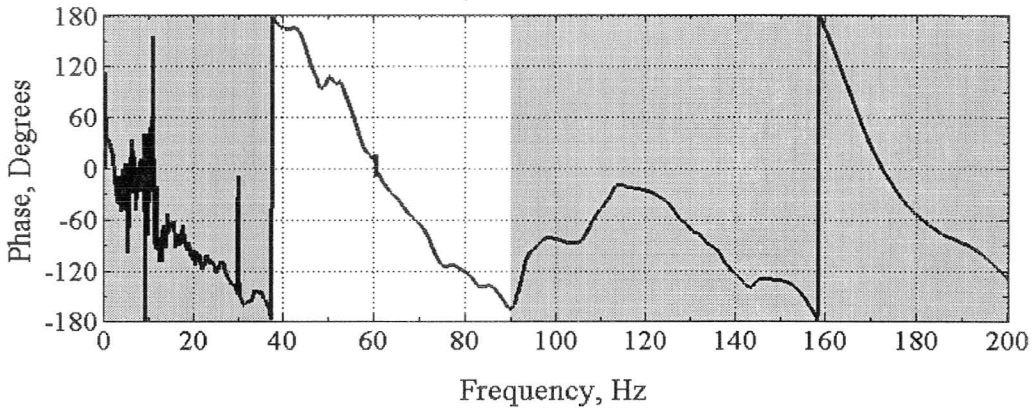

Figure N.10 Phase Plots Measured by SASW Testing with 9-ft Receiver Spacing (3A6_F_21.DAT)

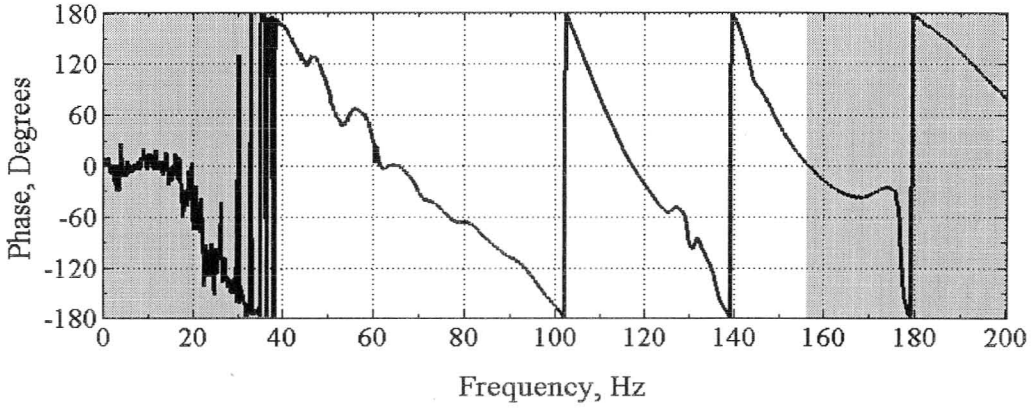

Figure N.11 Phase Plots Measured by SASW Testing with 9-ft Receiver Spacing (3A7_F_21.DAT)

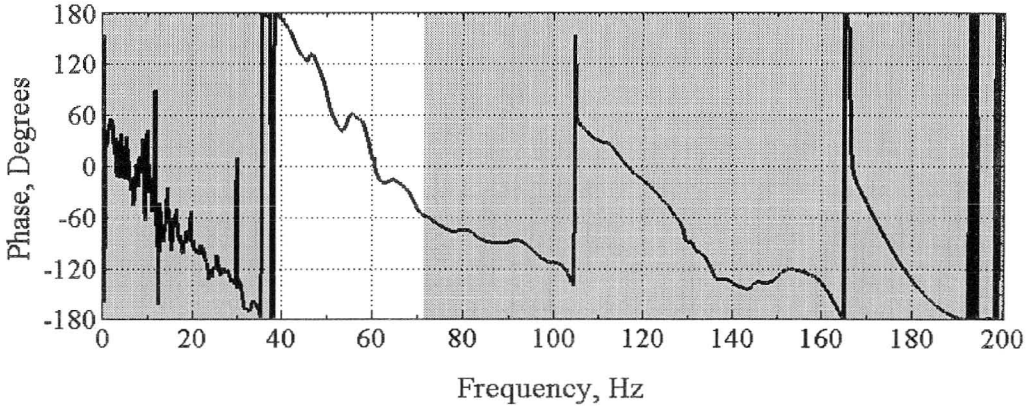

Figure N.12 Phase Plots Measured by SASW Testing with 9-ft Receiver Spacing (3A8_F_21.DAT)

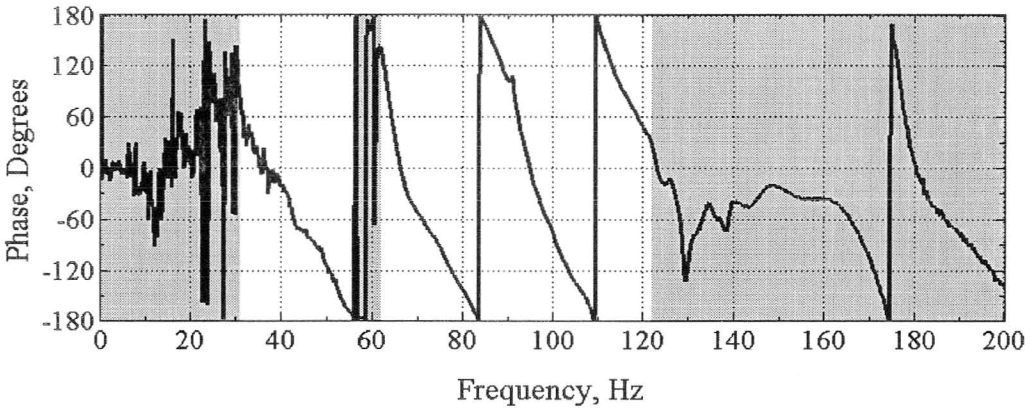

Figure N.13 Phase Plots Measured by SASW Testing with 18-ft Receiver Spacing (3A5_F_43.DAT)

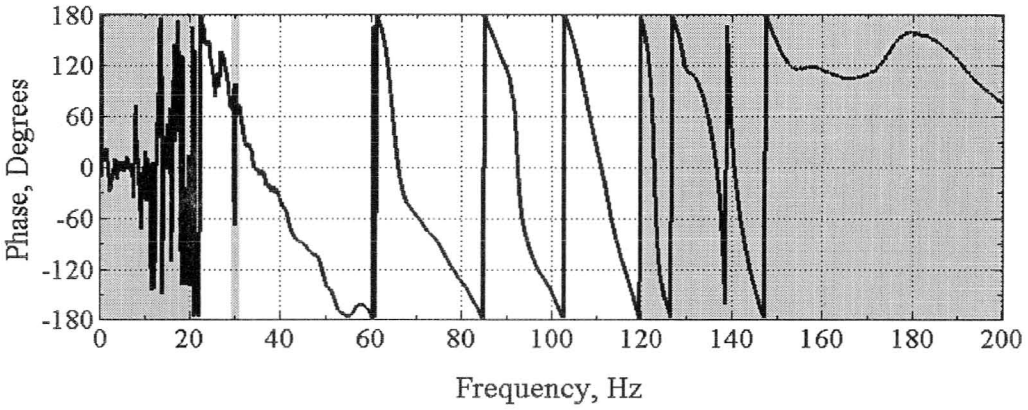

Figure N.14 Phase Plots Measured by SASW Testing with 18-ft Receiver Spacing (3A6_F_43.DAT)

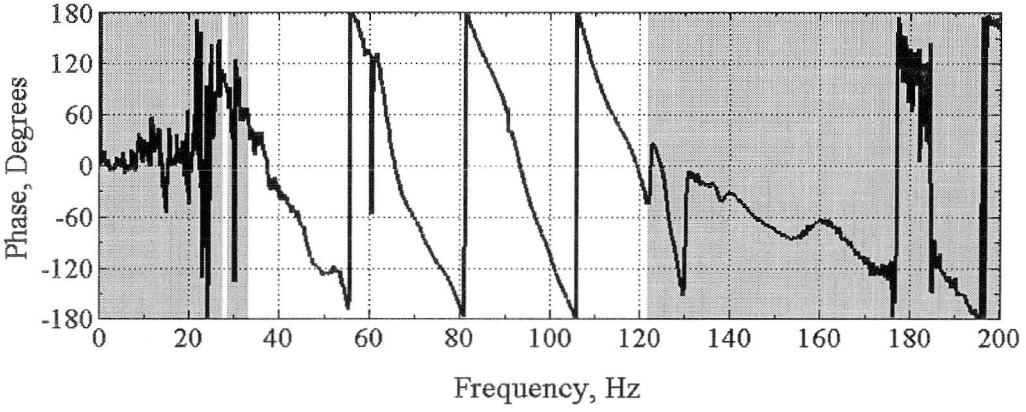

Figure N.15 Phase Plots Measured by SASW Testing with 18-ft Receiver Spacing (3A7_F_43.DAT)

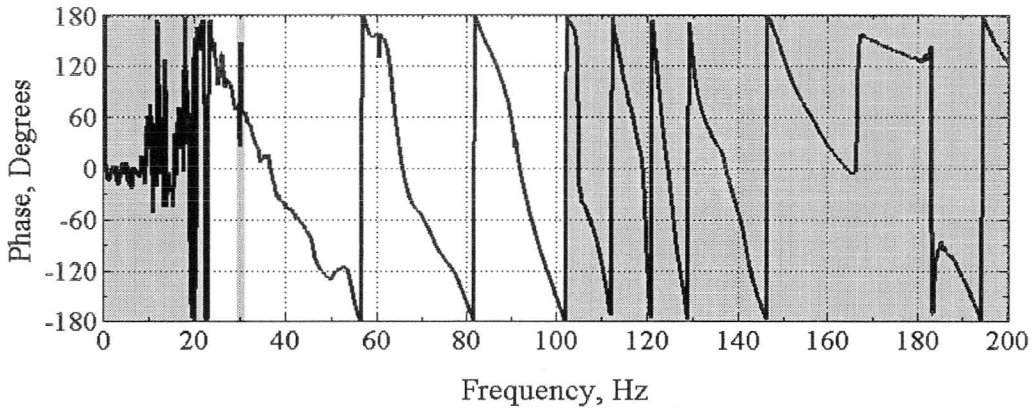

Figure N.16 Phase Plots Measured by SASW Testing with 18-ft Receiver Spacing (3A8_F_43.DAT)

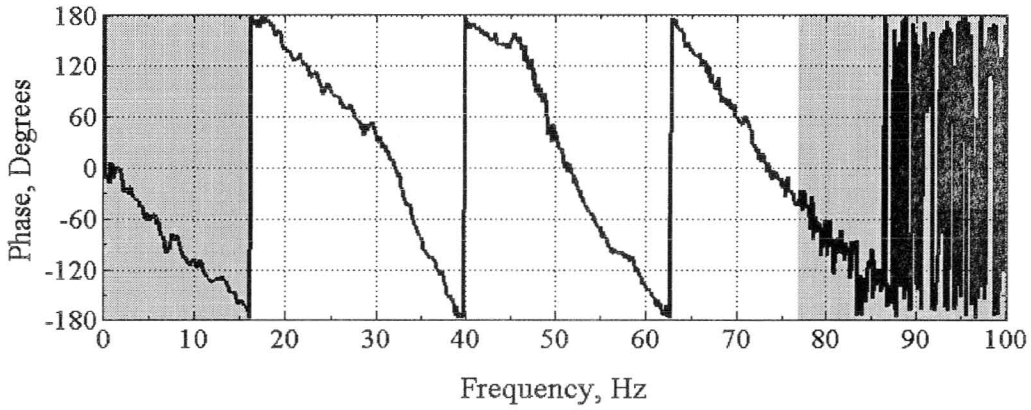

Figure N.17 Phase Plots Measured by SASW Testing with 25-ft Receiver Spacing (3G1_F_21.DAT)

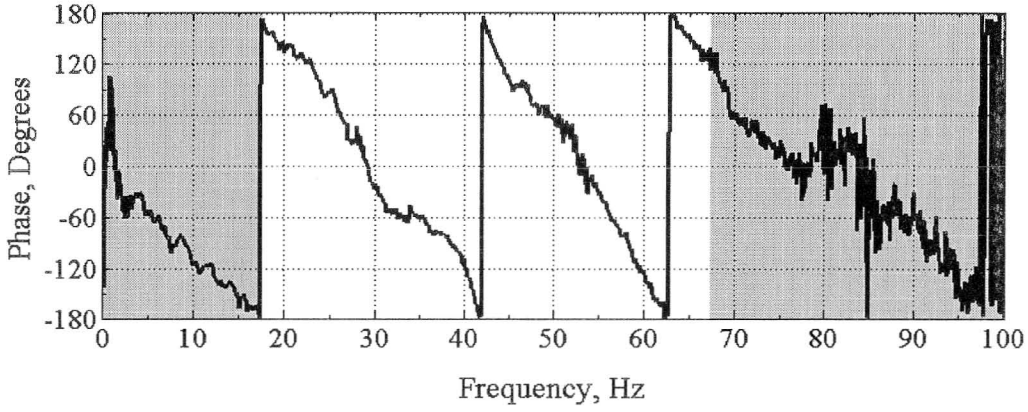

Figure N.18 Phase Plots Measured by SASW Testing with 25-ft Receiver Spacing (3G1_F_43.DAT)

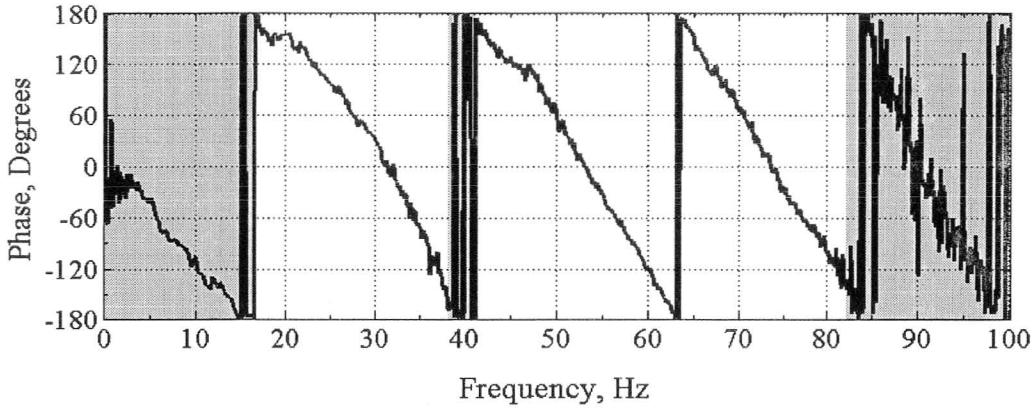

Figure N.19 Phase Plots Measured by SASW Testing with 25-ft Receiver Spacing (3G6_F_21.DAT)

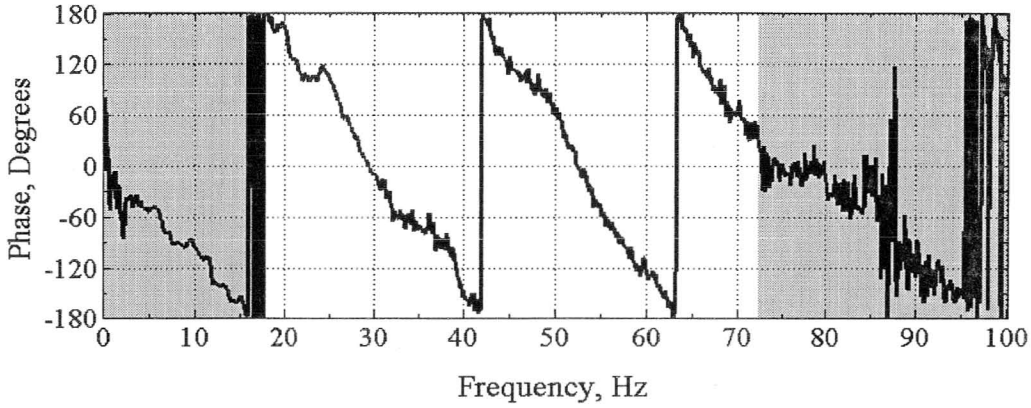

Figure N.20 Phase Plots Measured by SASW Testing with 25-ft Receiver Spacing (3G6_F_43.DAT)

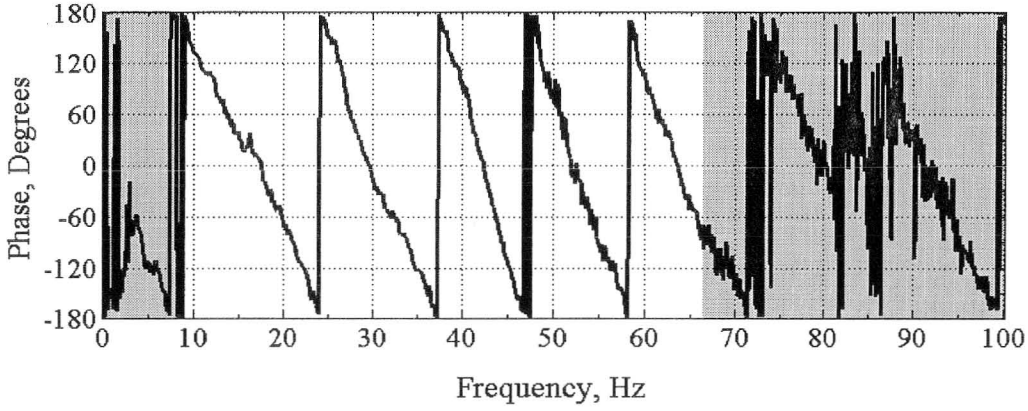

Figure N.21 Phase Plots Measured by SASW Testing with 50-ft Receiver Spacing (3G2_F_21.DAT)

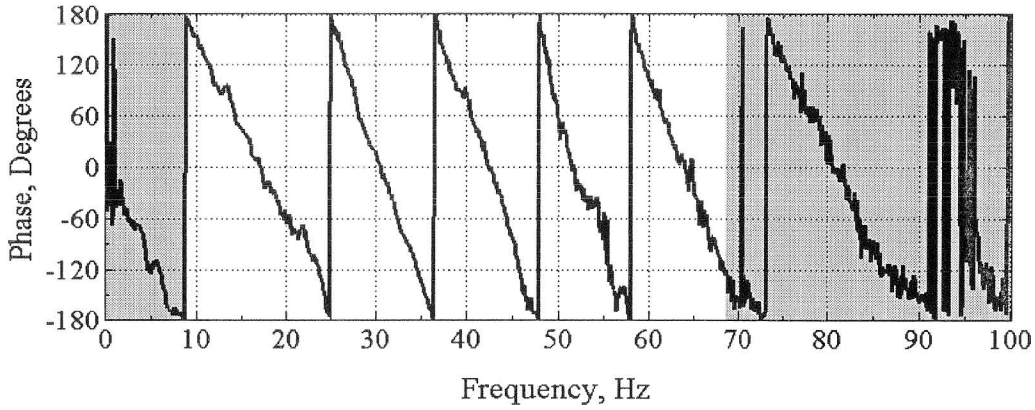

Figure N.22 Phase Plots Measured by SASW Testing with 50-ft Receiver Spacing (3G3_F_21.DAT)

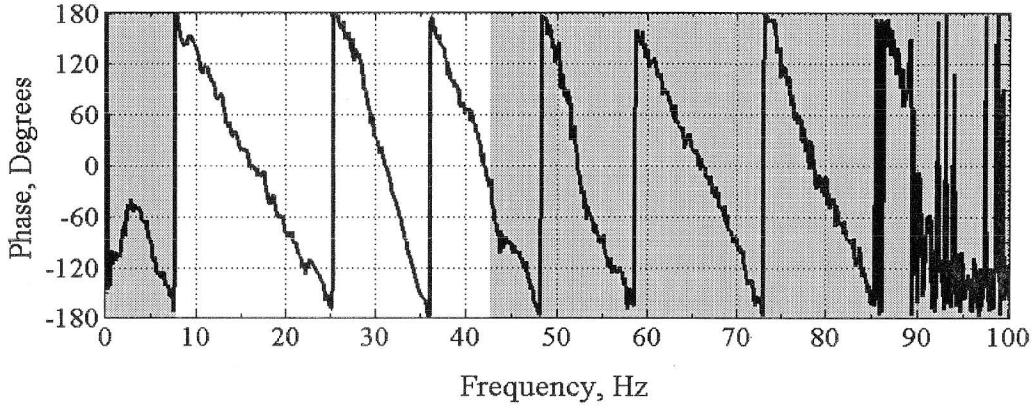

Figure N.23 Phase Plots Measured by SASW Testing with 50-ft Receiver Spacing (3G3_F_43.DAT)

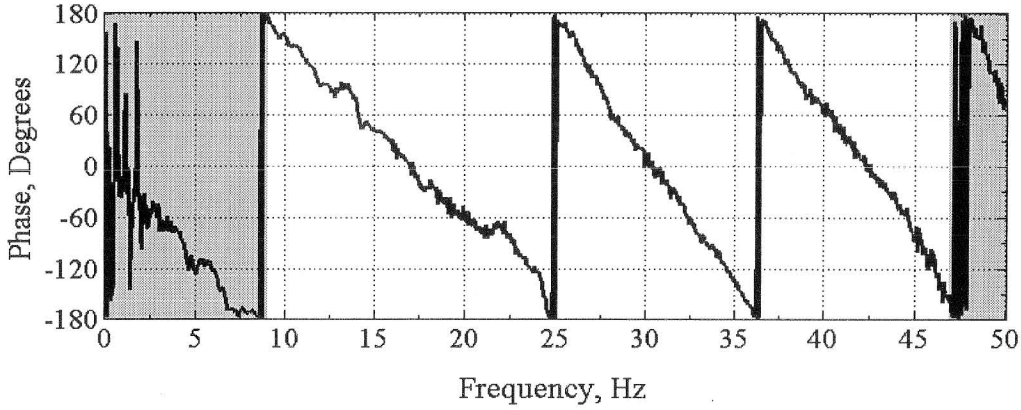

Figure N.24 Phase Plots Measured by SASW Testing with 50-ft Receiver Spacing (3G4_F_21.DAT)

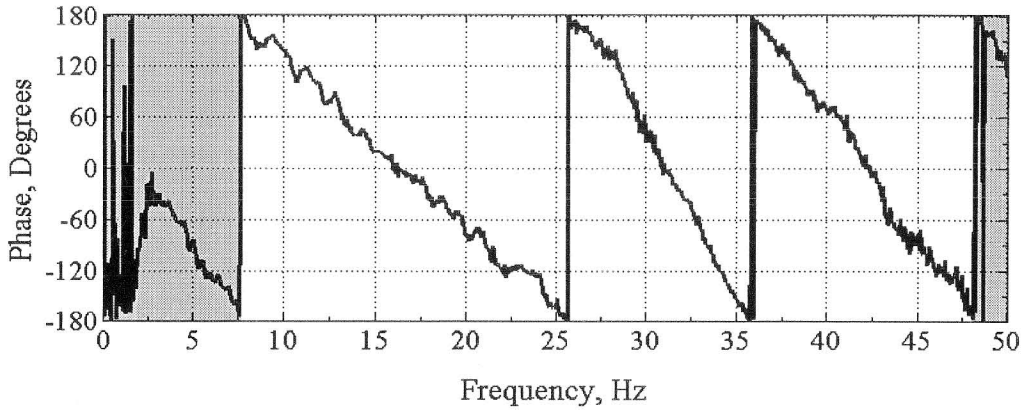

Figure N.25 Phase Plots Measured by SASW Testing with 50-ft Receiver Spacing (3G4_F_43.DAT)

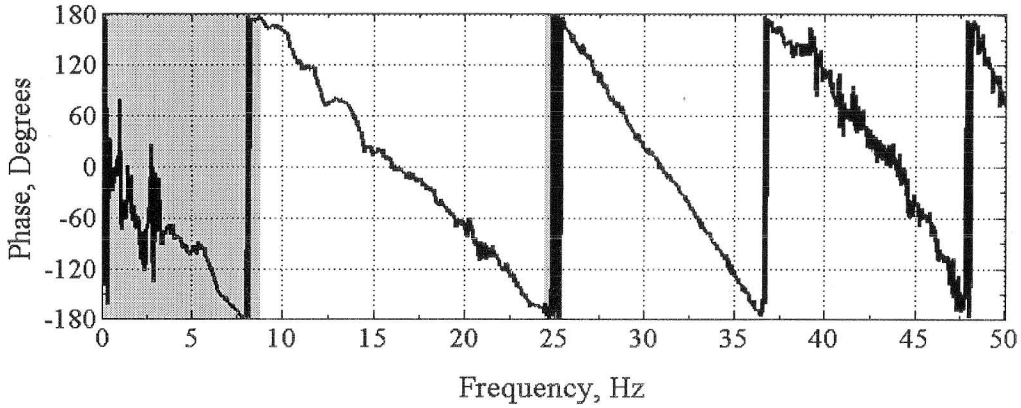

Figure N.26 Phase Plots Measured by SASW Testing with 50-ft Receiver Spacing (3G7_F_21.DAT)

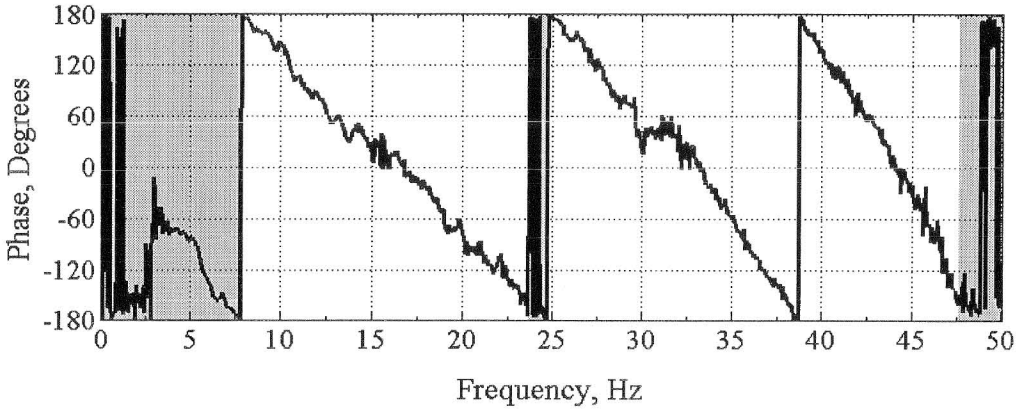

Figure N.27 Phase Plots Measured by SASW Testing with 50-ft Receiver Spacing (3G8_F_21.DAT)

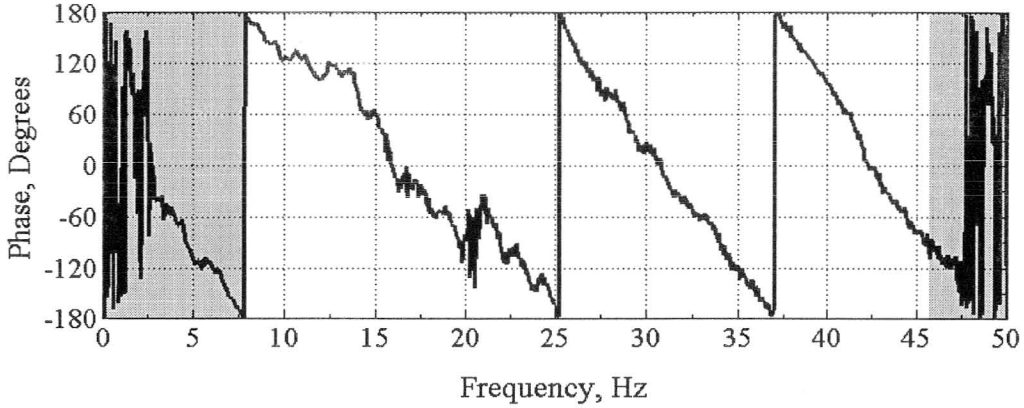

Figure N.28 Phase Plots Measured by SASW Testing with 50-ft Receiver Spacing (3G8_F_43.DAT)

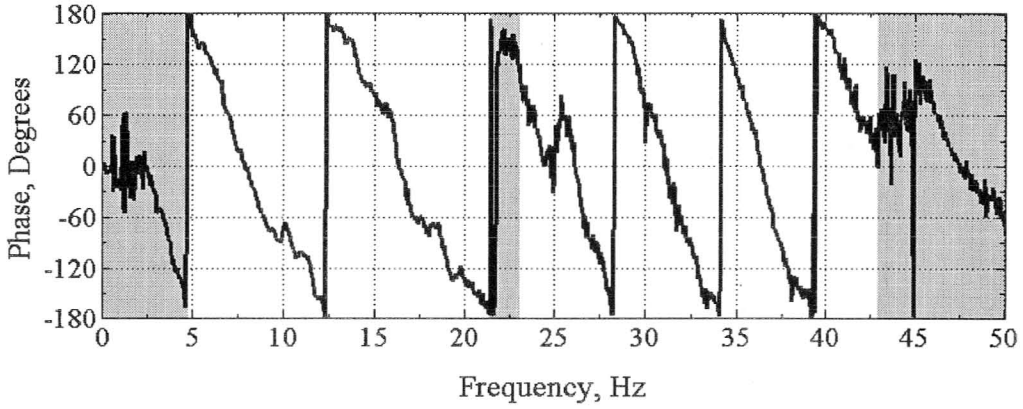

Figure N.29 Phase Plots Measured by SASW Testing with 100-ft Receiver Spacing (3G5_F_21.DAT)

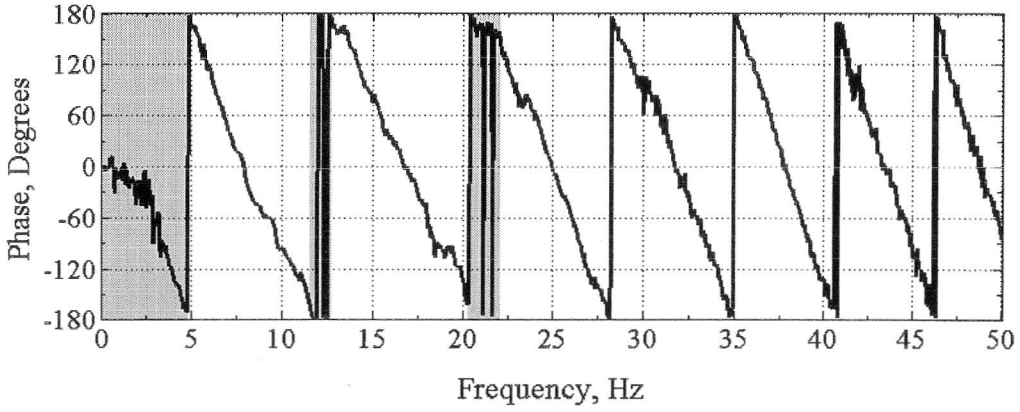

Figure N.30 Phase Plots Measured by SASW Testing with 100-ft Receiver Spacing (3G9_F_21.DAT)

Table N.1 Tables of Masking Parameters Used on Data Collected during Third Site Visit at Site A

Receiver Spacing (ft)	Masking Interval	Masking Start Frequency, Hz	Masking Stop Frequency, Hz	Number of Jumps	Filename
1	1	0	206	1	3A1_F_21.DAT
	2	307	800	-	
1	1	0	199	1	3A2_F_21.DAT
	2	325	800	-	
2	1	0	133	1	3A1_F_43.DAT
	2	399	800	-	
2	1	0	145	1	3A2_F_43.DAT
	2	203	312	2	
	3	409	800	-	
3	1	0	88	1	3A3_F_21.DAT
	2	118.5	182	1	
	3	303.5	400	-	
3	1	0	90.5	1	3A4_F_21.DAT
	2	124	138	1	
	3	168.5	242.5	2	
	4	304	400	-	
6	1	0	53	1	3A3_F_43.DAT
	2	207.5	400	-	
6	1	0	62	1	3A4_F_43.DAT
	2	118.5	143	2	
	3	222	400	-	
9	1	0	37.5	1	3A5_F_21.DAT
	2	59.75	61.5	1	
	3	157.25	200	-	
9	1	0	37.75	1	3A6_F_21.DAT
	2	89.75	200	-	
9	1	0	38.75	1	3A7_F_21.DAT
	2	156	200	-	
9	1	0	38.75	1	3A8_F_21.DAT
	2	71.25	200	-	

Performed by Jiabei Yuan Checked by Yin-Cheng Lin

Table N.2 Tables of Masking Parameters Used on Data Collected during Third Site Visit at Site A (Continued)

Receiver Spacing (ft)	Masking Interval	Masking Start Frequency, Hz	Masking Stop Frequency, Hz	Number of Jumps	Filename
18	1	0	31	1	3A5_F_43.DAT
	2	56	62	2	
	3	121.75	200	-	
18	1	0	22.75	1	3A6_F_43.DAT
	2	29.25	31	1	
	3	119.5	200	-	
18	1	0	27.5	1	3A7_F_43.DAT
	2	28.75	33.25	1	
	3	121.5	200	-	
18	1	0	23.5	1	3A8_F_43.DAT
	2	29.25	31.25	1	
	3	102	200	-	
25	1	0	16.25	1	3G1_F_21.DAT
	2	76.62	100	-	
25	1	0	17.62	1	3G1_F_43.DAT
	2	67.25	100	-	
25	1	0	16.62	1	3G6_F_21.DAT
	2	38.25	41.25	2	
	3	82	100	-	
25	1	0	17.88	1	3G6_F_43.DAT
	2	72.25	100	-	
50	1	0	9	1	3G2_F_21.DAT
	2	66.38	100	-	
50	1	0	8.88	1	3G3_F_21.DAT
	2	68.62	100	-	
50	1	0	7.75	1	3G3_F_43.DAT
	2	42.62	100	-	
50	1	0	9	1	3G4_F_21.DAT
	2	46.75	50	-	
50	1	0	7.69	1	3G4_F_43.DAT
	2	48	50	-	

Performed by Jiabei Yuan Checked by Yin-Cheng Lin