

보고서 번호 : KMI-UT-25-1127-01

초 음 파 탐 상 검 사
(ULTRASONIC TESTING)

보고서 번호 : KMI-UT-25-1127-01

공사명 : 충남 공주시 장암교 안전진단

발 주 처 : 공주시청

공 사 명 : 충남 공주시 장암교 안전진단

검사일자 : 2025년 11월 27일

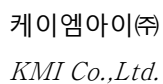
검사장소 : 장암교 현장

검사수량 : 36 POINTS

 케이엠아이 (주)



 케이엠아이(주) KMI Co.,Ltd.		ULTRASONIC EXAMINATION REPORT 초 음 파 탐 상 검 사 보 고 서						Report No. 보고서 번호		KMI-UT-25-1127-01	
								Page No. 페이지 번호		1 of 5	
Customer 주문주 / Manufacturer 제작자 공주시청			Project Name/No. 공사명/공사번호 충남 공주시 장암교 안전진단					Item Name/No. 제품명/제품번호 STEEL BOX GIRDER			
Material 재 질 / Heattreatment 열처리 N / A			Surface Condition 표면상태 ■ As Weld □ As Cast □ As M/C					Dwg.No/Rev No. 도면번호/개정번호 N / A			
Test Thickness 두께 10 ~ 32T			Procedure 절차서 / App.Spec. 적용규격 KS B 0896					Acceptance Criteria 합격기준 KMI-UTP-K01			
Welding Process 용접법 ■ FCAW □ SMAW □ SAW □ GMAW			Joint Type 이음부형상 / Groove Config. 개선부형상 ■ Butt ■ T-JOINT / ■ Single V					Cal. Block ID / No. 교정시험편 / 일련번호 ■ STB-A1 ■ A2 BLOCK			
Examination Method 검사방법 ■ Contact □ Immersion			Examination Technique 탐상기법 / Wave Mode 파형 ■ Angle □ Straight / □ Longitudinal □ Shear					Surface Temp. Diff. 표면온도차 : 1 °c Block : 16 °c Exam Part : 17 °c			
Std Sensitivity 표준 / Scan Sensitivity 주사감도 ■ DAC 100% / ■ DAC 100% + 6dB			Couplant 접촉매질 ■ CMC □ Oil □					Cable Type 케이블형태 / Cable Length 케이블 길이 ■ RG174U / MPKLL ■ PKLL / 2 m			
Flaw Detector 탐 상 기	Maker 제작사	Model 모 델	Serial No. 일련번호		Calibration Due Date 교 정 유 효 일 자		Reflector 반사원				
	SONATEST	D20+	I007687		25. 04. 22. ~ 26. 04. 21.		S. H. Linearity 스크린높이직선성 ± 5 %FSH				
Probe 탐촉자	Model 모 델	Serial No. 일련번호	Freq. 주파수	Elem. Size 진동자크기	Nomi. Ang. 공칭 굴절각	Actual Ang. 실 굴절각	Cal. Range 측정범위	Std Sen. 표준감도	T. C 전위보상	Scan Sen. 탐상감도	
	KA4-70	H6175	4 MHz	8X9 mm	70 °	70 °	125 mm	68 dB	0 dB	72 dB	
	KS4-10@	SH1265	4 MHz	10 Ø	0 °	0 °	50 mm	52 dB	0 dB	64 dB	
			MHZ	mm	°	°	mm				
Note 기록사항											
Identification No. 확 인 번 호	Q'TY 수 량	Result 결과		Evaluation 평 가						Remarks 비 고	
		Accept 합 격	Reject 불합격	Location 위치 (mm)	Length 길 이 (mm)	Width 폭 (mm)	Depth 깊 이 (mm)	Max. Res 최대반사값 (DAC %)	REF' Level		Indication Type 지시종류
G1-S1-P1	1	V		N O N E							
G1-S1-P2	1	V		N O N E							
G1-S2-P3	1	V		N O N E							
G1-S2-P4	1	V		N O N E							
G1-S3-P5	1	V		N O N E							
G1-S3-P6	1		V	300	150	-10	9~11	100	4	LF	
G1-S4-P7	1	V		N O N E							
G1-S4-P8	1	V		N O N E							
G1-S5-P9	1	V		N O N E							
□ Sketch on dot line. If necessary or □ Attached. 필요 시 점선안에 스케치 또는 첨부할 것.											
Examined by 이 상 엽  산업기사				Date of Examination 검사일자			2025년 11월 27일				
검 사 자 _____ Name _____ Signature _____ Level _____				Date of Report 보고서 작성일자			2025년 11월 28일				
				Maker QA Manager □ Witnessed by □ Reviewed by							
				Class / Third party □ Witnessed by □ Reviewed by							
Approved by 김 태 한  기사				Customer □ Witnessed by □ Reviewed by							
승 인 자 _____ Name _____ Signature _____ Level _____											



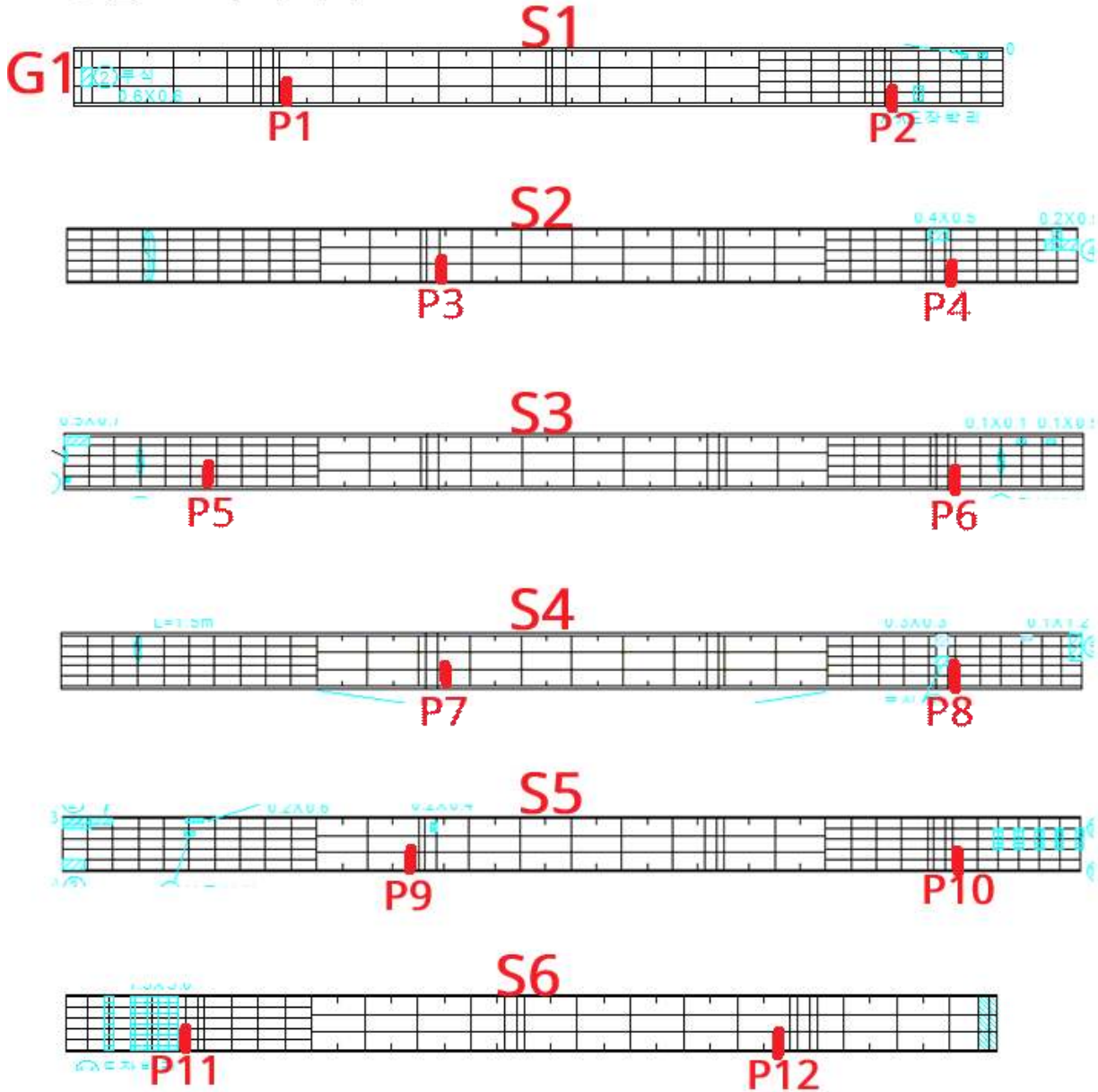
초 음 파 탐 상 검 사 보 고 서

KMI-UT-25-1127-01

2 of 5

양식 QP-075-U-W1-B(Rev.0) KMI Co.,Ltd

장암교 거더내부 G1-S1





케이엠아이(주)
KMI Co.,Ltd.

ULTRASONIC EXAMINATION REPORT
초 음 파 탐 상 검 사 보 고 서

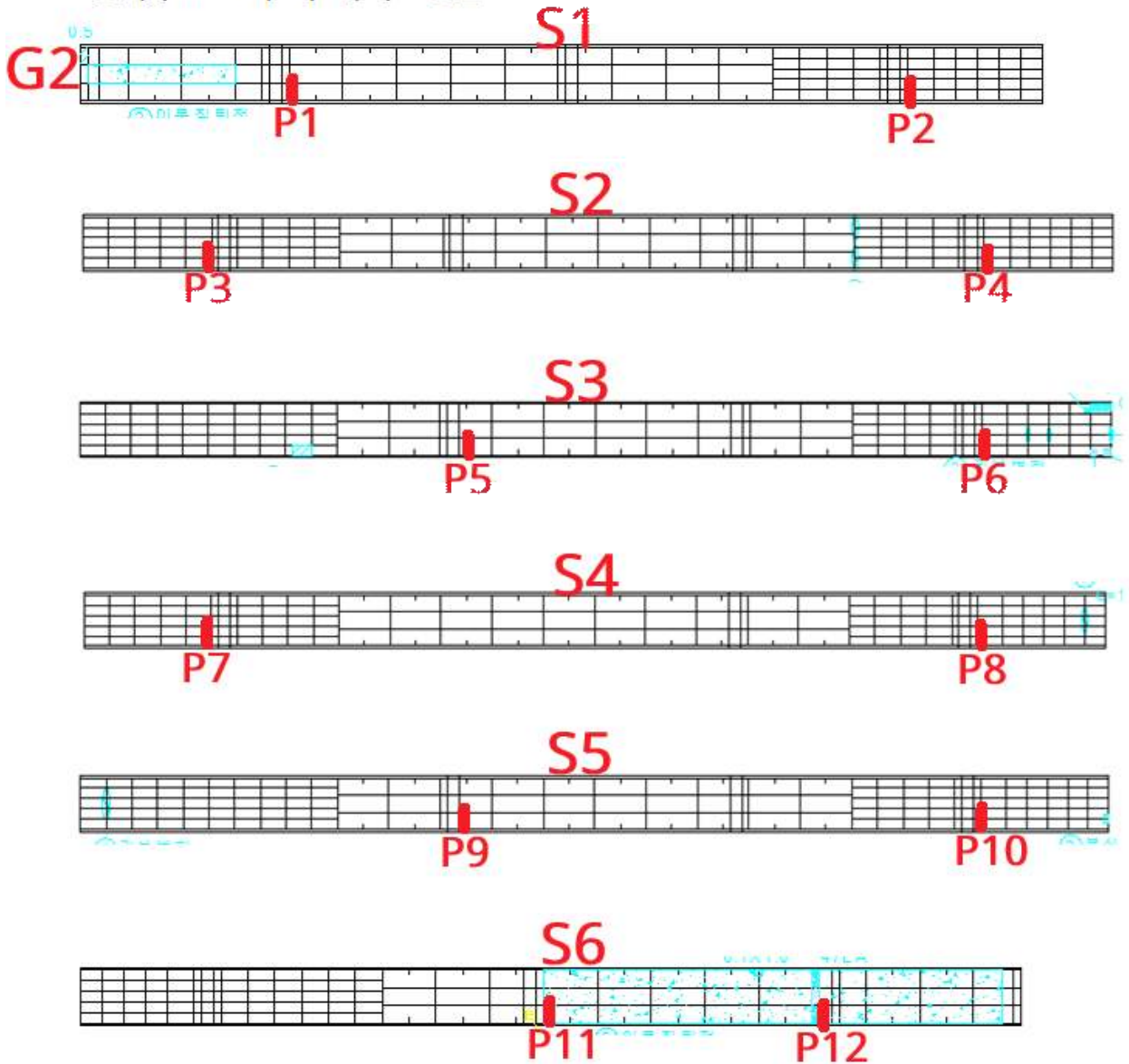
Report No.
보고서 번호

KMI-UT-25-1127-01

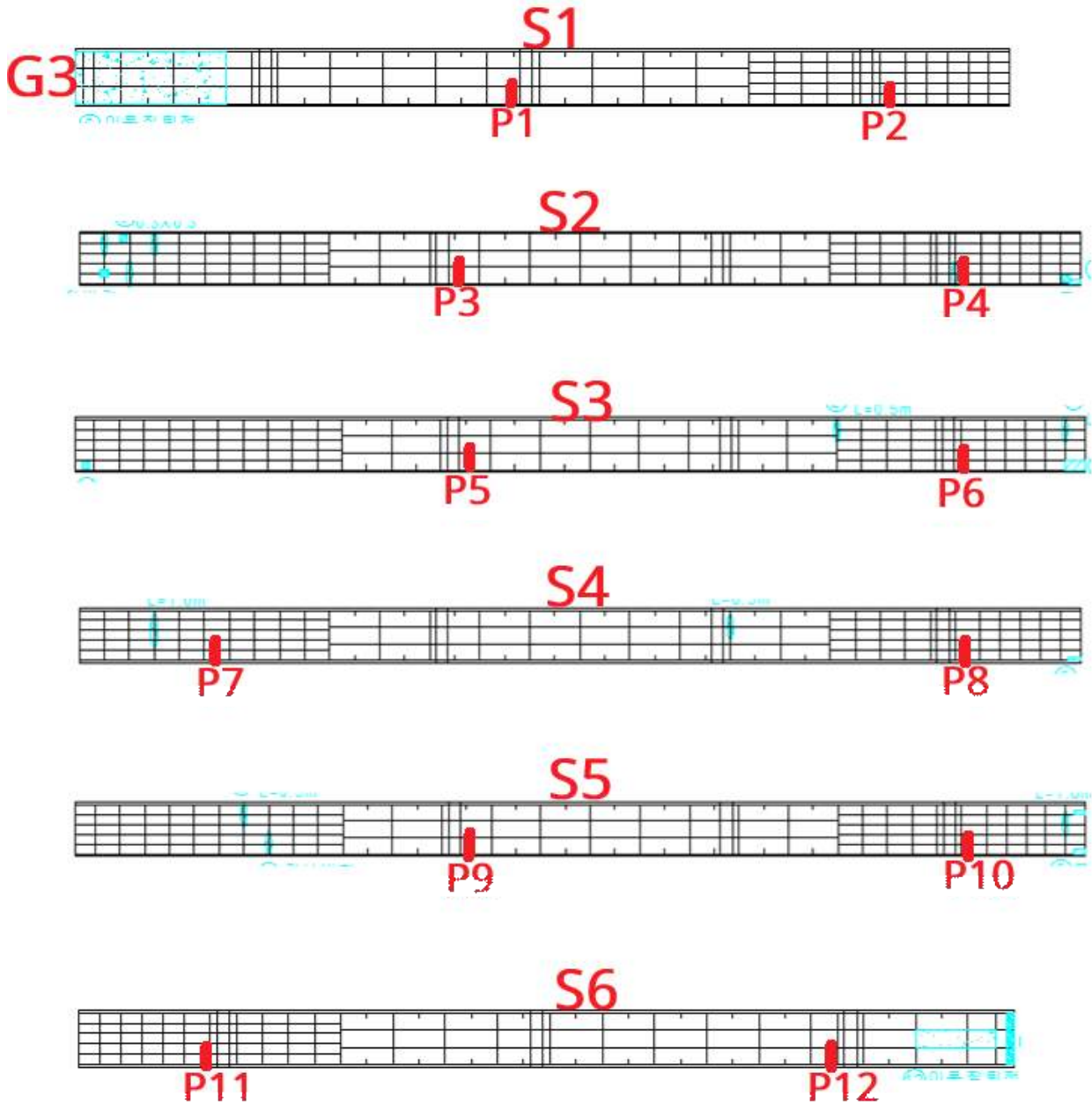
Page No.
페이지 번호

4 of 5

장암교 거더내부 G2



장암교 거더내부 G3



사 진 대 장



G1-S1-P1



G1-S1-P2



G1-S2-P3



G1-S2-P4



G1-S3-P5



G1-S3-P6

사 진 대 장



G1-S4-P7



G1-S4-P8



G1-S5-P9



G1-S5-P10



G1-S6-P11



G1-S6-P12

사 진 대 장



G2-S1-P1



G2-S1-P2



G2-S2-P3



G2-S2-P4



G2-S3-P5

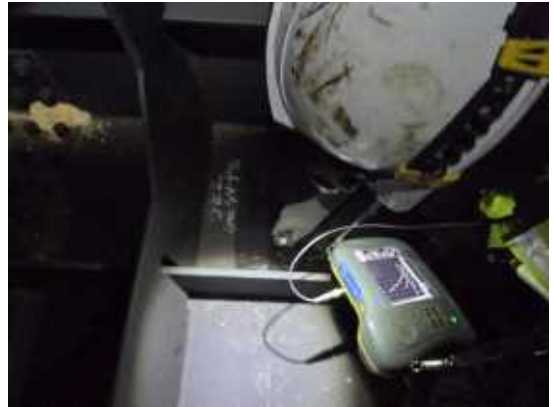


G2-S3-P6

사 진 대 장



G2-S4-P7



G2-S4-P8



G2-S5-P9



G2-S5-P10



G2-S6-P11



G2-S6-P12

사 진 대 장



G3-S1-P1



G3-S1-P2



G3-S2-P3



G3-S2-P4



G3-S3-P5



G3-S3-P6

사 진 대 장



G3-S4-P7



G3-S4-P8



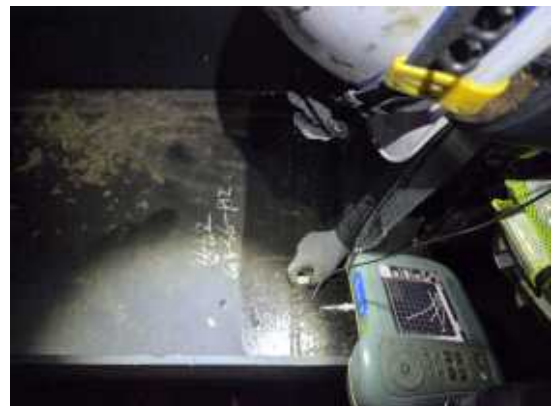
G3-S5-P9



G3-S5-P10

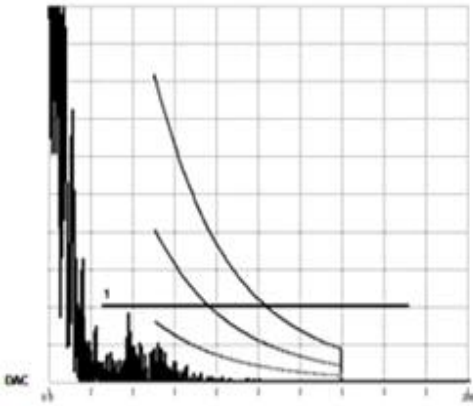


G3-S6-P11

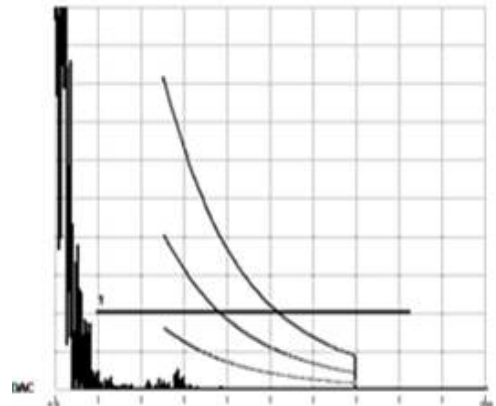


G3-S6-P12

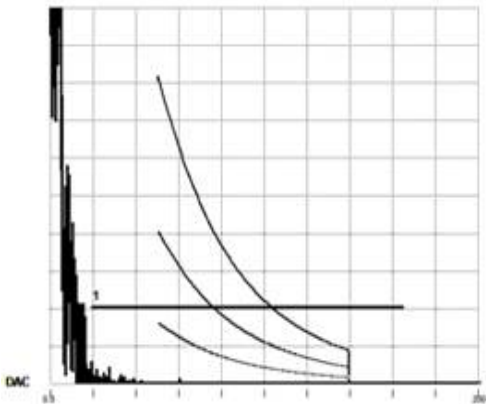
초음파탐상검사 DATA



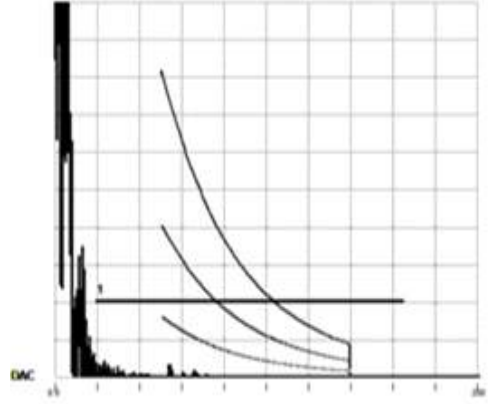
G1-S1-P1



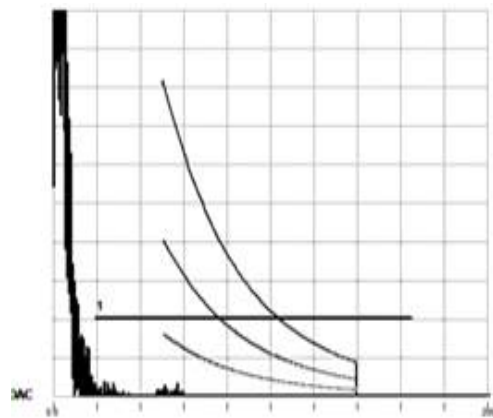
G1-S1-P2



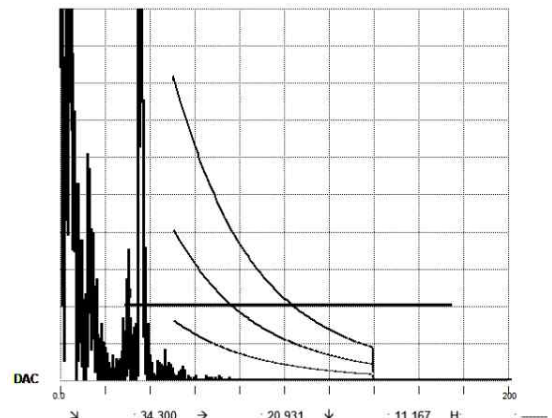
G1-S2-P3



G1-S2-P4

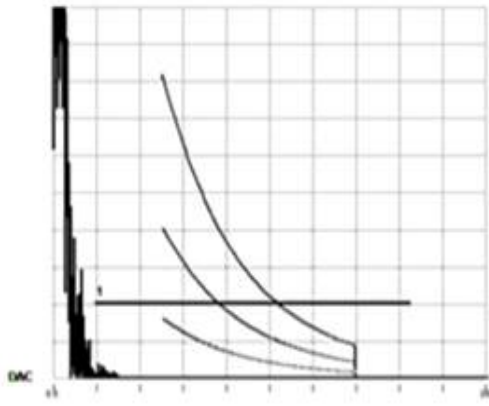


G1-S3-P5

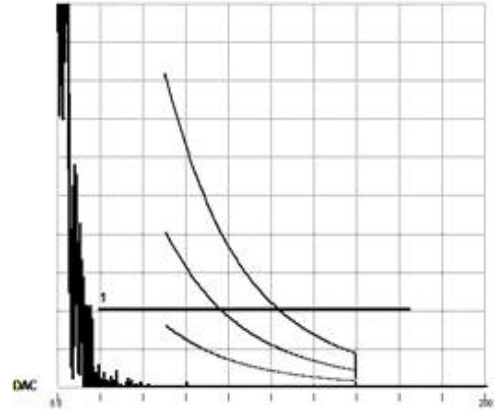


G1-S3-P6

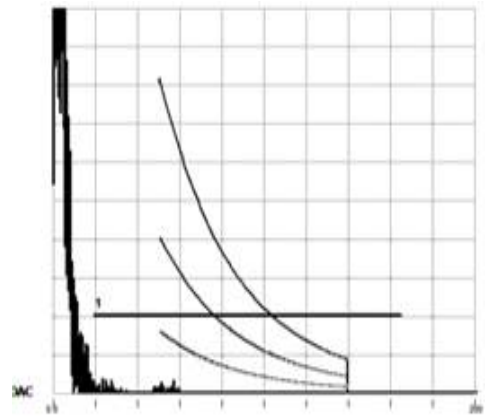
초음파탐상검사 DATA



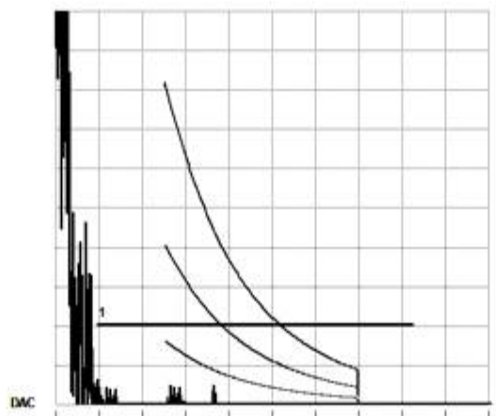
G1-S4-P7



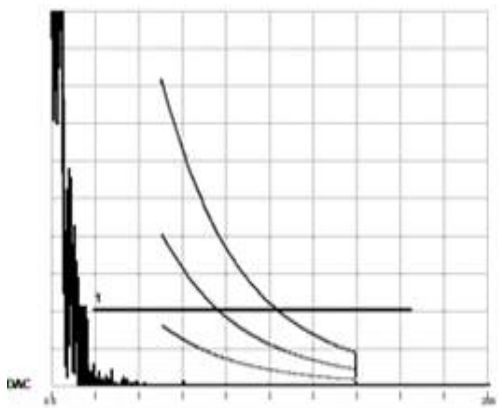
G1-S4-P8



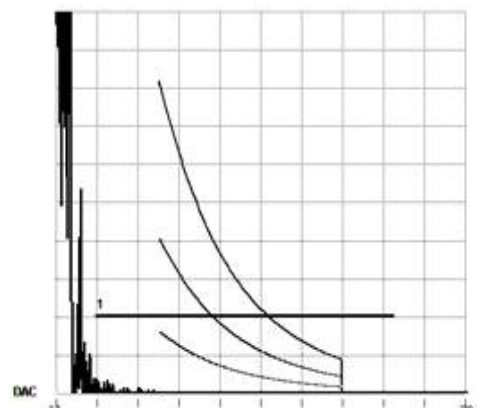
G1-S5-P9



G1-S5-P10

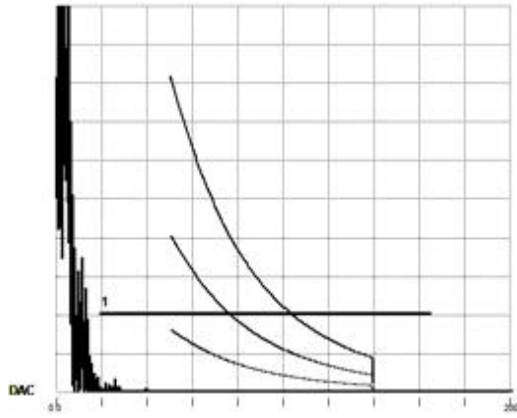


G1-S6-P11

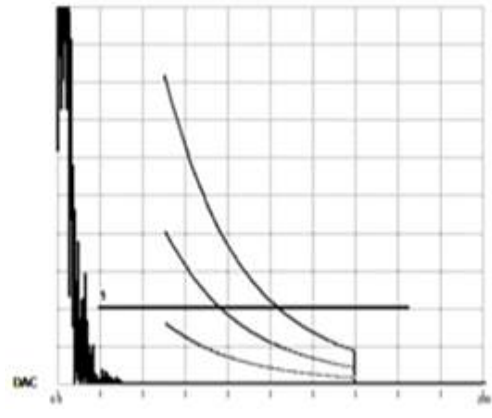


G1-S6-P12

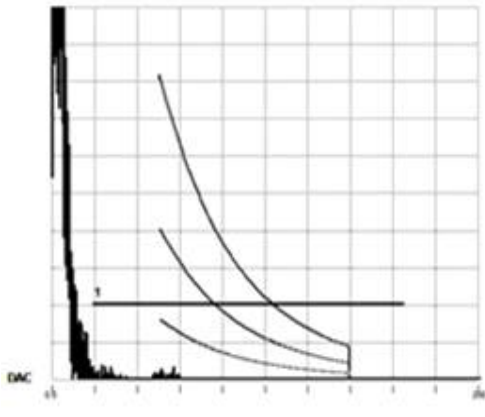
초음파탐상검사 DATA



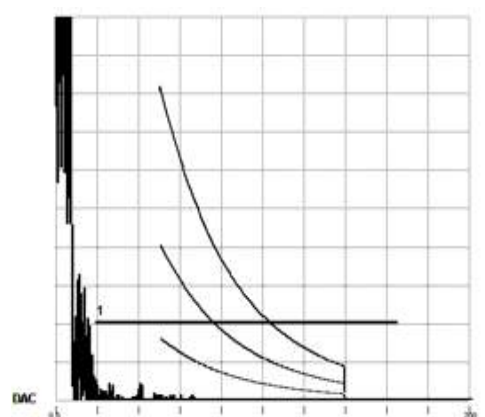
G2-S1-P1



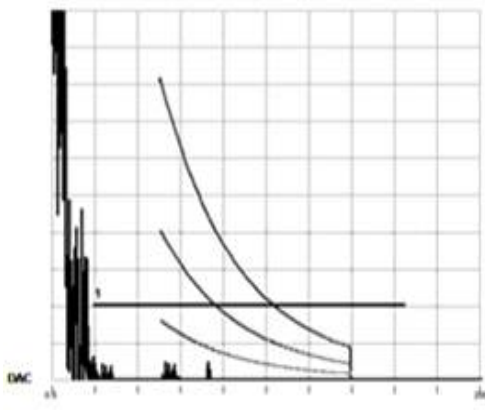
G2-S1-P2



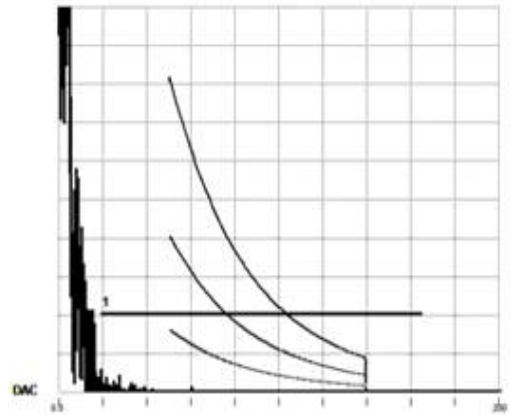
G2-S2-P3



G2-S2-P4

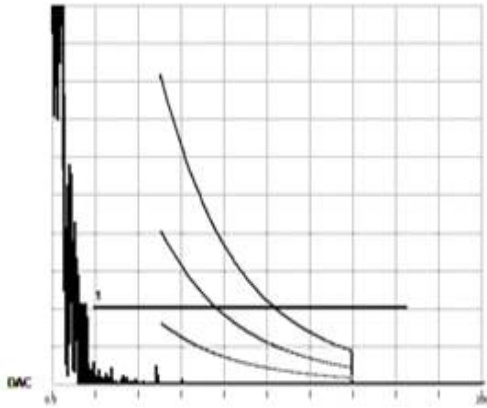


G2-S3-P5

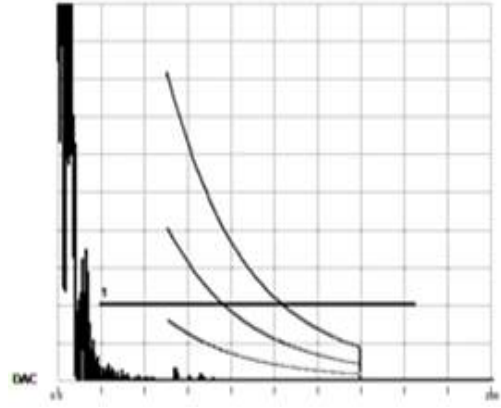


G2-S3-P6

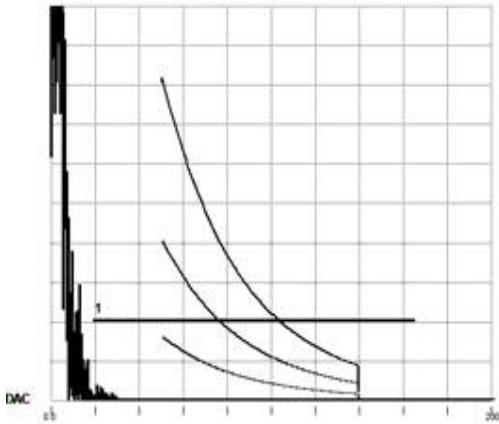
초음파탐상검사 DATA



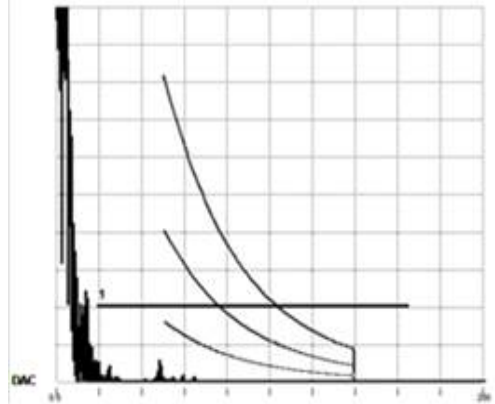
G2-S4-P7



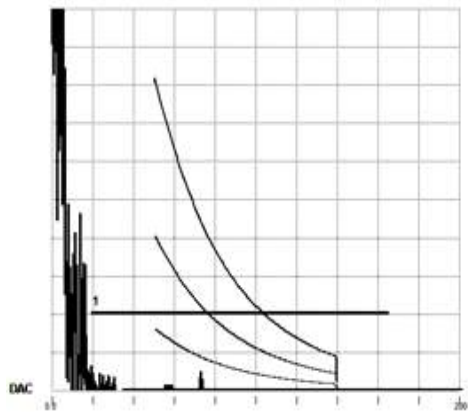
G2-S4-P8



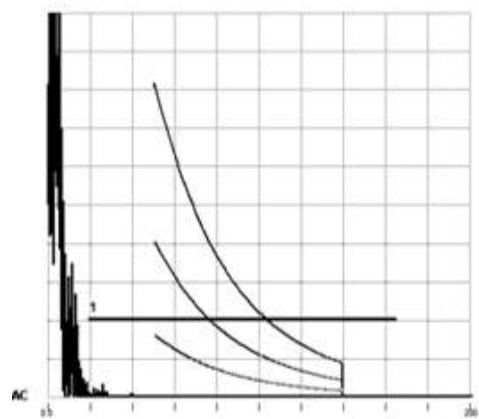
G2-S5-P9



G2-S5-P10

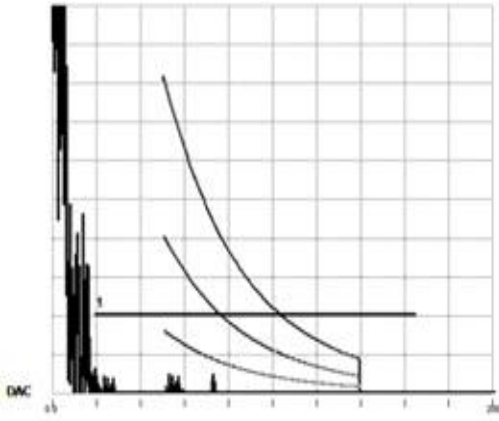


G2-S6-P11

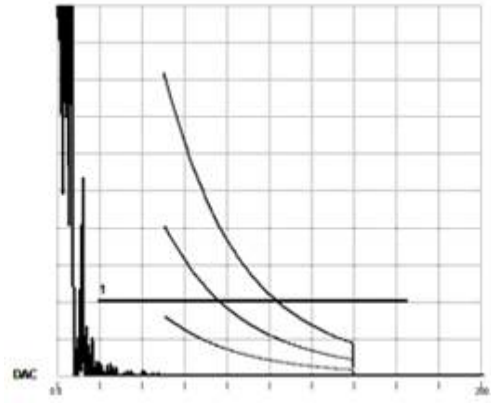


G2-S6-P12

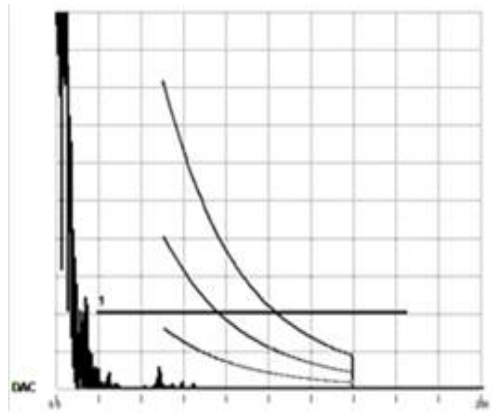
초음파탐상검사 DATA



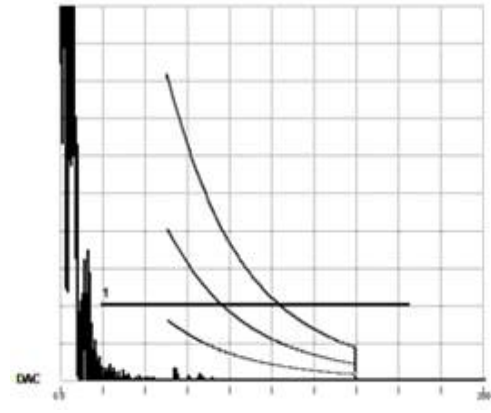
G3-S1-P1



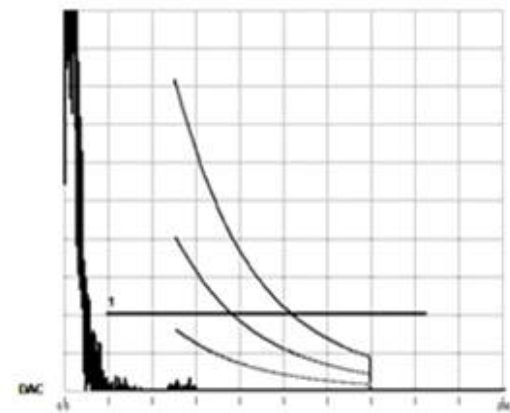
G3-S1-P2



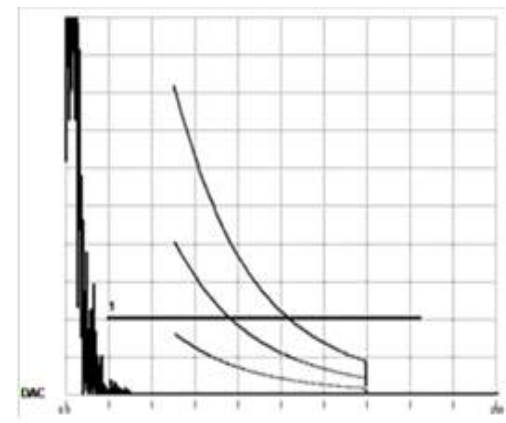
G3-S2-P3



G3-S2-P4

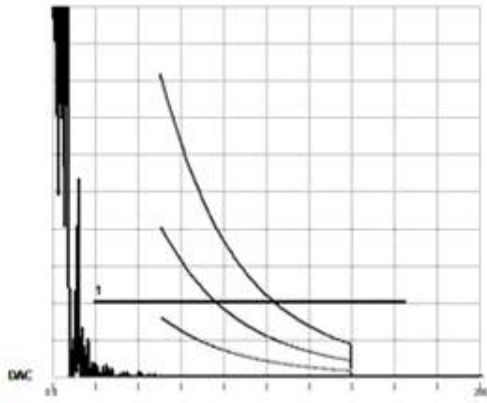


G3-S3-P5

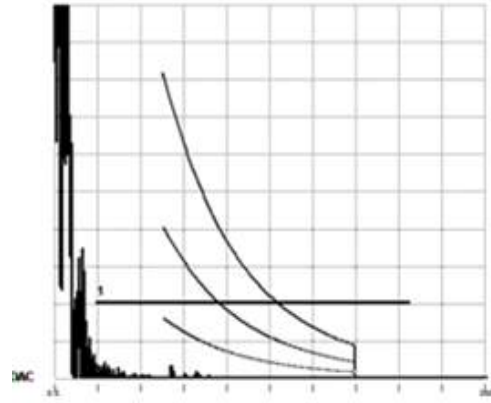


G3-S3-P6

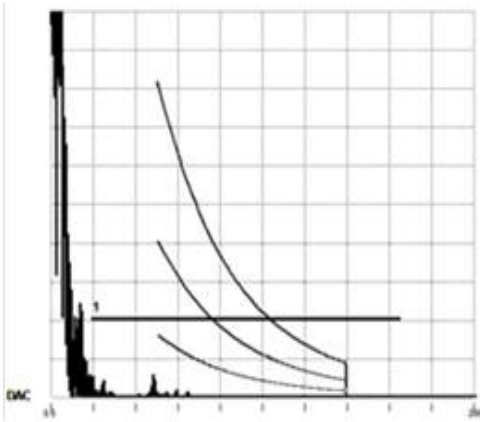
초음파탐상검사 DATA



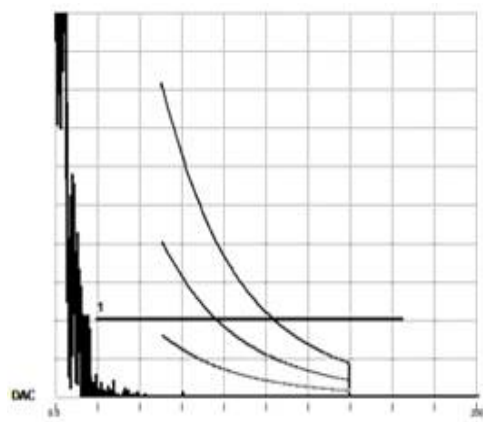
G3-S4-P7



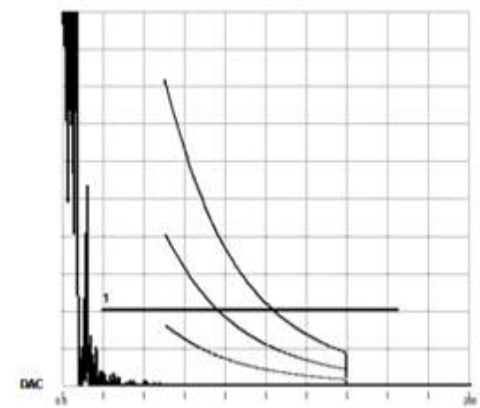
G3-S4-P8



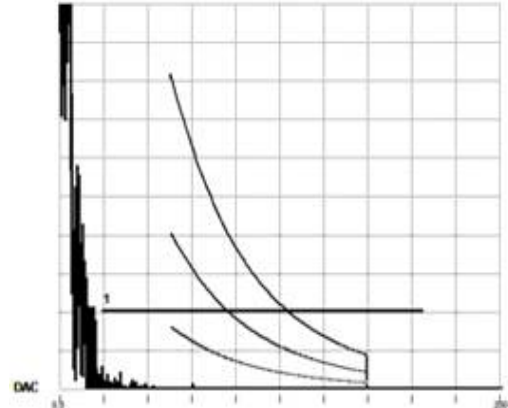
G3-S5-P9



G3-S5-P10



G3-S6-P11



G3-S6-P12