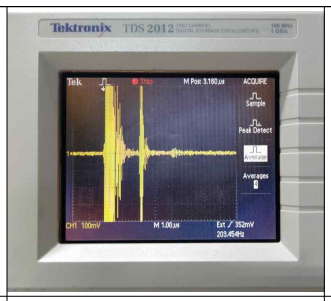
Transducer Performance Documentation

Transducer Detail		Pulser/Receiver		Setting	
Model	C4-2	Model	XTR-2020	Pulse Mode	Square Pulse
S/N	00DR73	S/N	2094	HPF	1 MHz
P/N	4000-0320-03			LPF	5 MHz
Frequency	2 MHz ~ 4 MHz	Signal Selector		Gain	30 dB
Signal	128	Channel No.	260 channels	Damping	50 Ω
Ground				Pulser Voltage	100 V

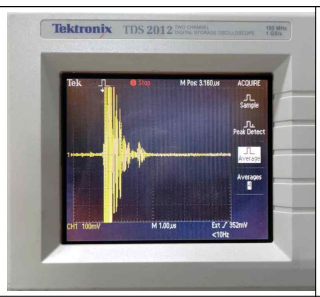
* 장비 Connector는 정면에서 보이는 배열임

c	b	a	Z	Y	X	W	V	U	T	S	R	P		N	M	L	K	J	H	G	F	E	D	C	B	A
													1													
	S	S	S	S	S	S	S	S	S	S	S	S	2	S	S	S	S									
	S	S	S	S	S	S	S	S	S	S	S	S	3	S	S	S	S									
	S	S	S	S	S	S	S	S	S	S	S	S	4	S	S	S	S									
	S	S	S	S	S	S	S	S	S	S	S	S	5	S	S	S	S									
	S	S	S	S	S	S	S	S	S	S	S	S	6	S	S	S	S									
	S	S	S	S	S	S	S	S	S	S	S	S	7	S	S	S	S									
	S	S	S	S	S	S	S	S	S	S	S	S	8	S	S	S	S									
	m	S	m	m	m	m	S	S	m	S	S	S	9	S	S	S	S									
													0													

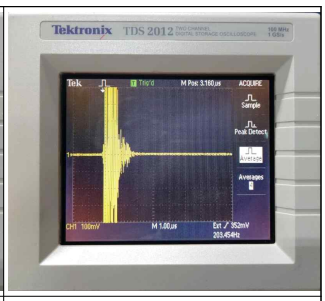
Test



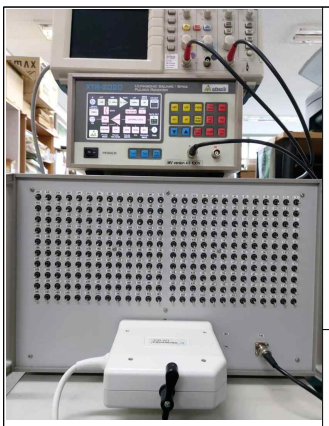
Good signal
S green marked



weak signal
W yellow marked



Mute signal
m red marked



260 채널 테스트 셋업

결론: Model: C4-2, S/N: 00DR73 프로브에 Square Pulser를 송신하여 128채널 중에 122 elements의 정상적인 초음파 신호를 수신할 수 있었으며 6 elements에서는 초음파 신호가 수신되지 않았음.

Inspected by: S.M.Park/M.K.C. Korea

Date: 2021/10/27