

## TRANSDUCER DESCRIPTION

PART NO.: V114  
SERIAL NO: 1134247  
DESIGNATION: CONTACT

FREQUENCY: 1.00 MHz  
ELEMENT SIZE: .75 in. DIA.

## TEST INSTRUMENTATION

PULSER/RECEIVER: PANAMETRICS 5030A UA #2  
DIGITAL OSCILLOSCOPE: LeCroy LT342 / SN: LT34201891  
TEST PROGRAM: TP103-3  
CABLE: RG-58 A/U LENGTH: 4FT

## TEST CONDITIONS

PULSER SETTING: Energy: 4; Damping: 200 Ohm  
RECEIVER SETTING: Gain: 40 dB; Attn: 40 dB  
TARGET: 5 IN. SILICA  
JOB CODE: TP200

## MEASUREMENTS PER ASTM E1065

WAVEFORM DURATION:  
-14DB LEVEL -- 1.560 US  
-20DB LEVEL -- 1.640 US  
-40DB LEVEL -- 5.320 US

SPECTRUM MEASURANDS:  
CENTER FREQ. ---- 1.06 MHz  
PEAK FREQUENCY -- 0.93 MHz  
-6DB BANDWIDTH -- 80.57 %

## COMMENTS:

\*\* ACCEPTED

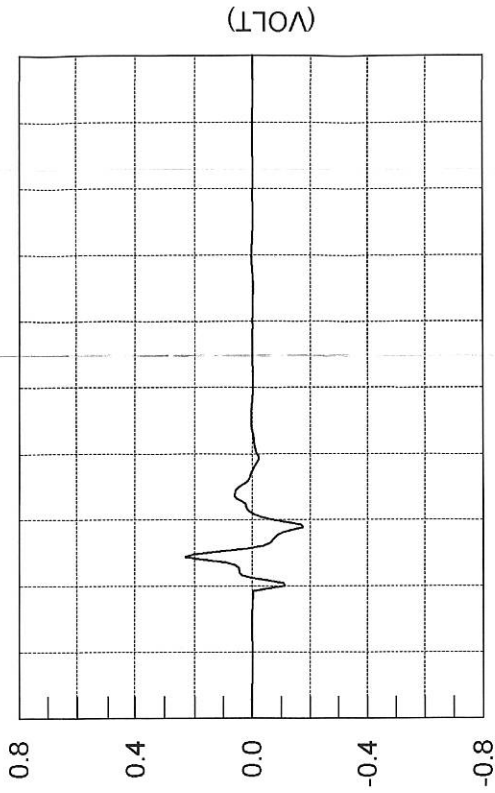
TECHNICIAN ( 3 )

*David Santiago*

DATE: 12-27-2017

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## SIGNAL WAVEFORM



## FREQUENCY SPECTRUM

