

Tel: 781-419-3900

www.olympus-ims.com

P73.24/1

TRANSDUCER DESCRIPTION

PART NO.: C384
SERIAL NO: 1076602
DESIGNATION: IMMERSION

FREQUENCY: 3.50 MHz
ELEMENT SIZE: .25 in. DIA.

TEST INSTRUMENTATION

FLAW DETECTOR: Epoch 600; S/N: 130524608
TEST PROGRAM: TP103-4
CABLE: RG-58 A/U LENGTH: 4FT

TEST CONDITIONS

PULSER SETTING: Energy: 100 Volt; Damping: 100 Ohm; Shape: Spike
RECEIVER SETTING: Gain: 13 dB; Filter: DC - 10.0 MHz
TARGET: 2.0 IN. SILICA
JOB CODE: TP200
WATER PATH: 1.001 in

MEASUREMENTS PER ASTM E1065

WAVEFORM DURATION:
-14DB LEVEL -- 0.623 US
-20DB LEVEL -- 0.673 US
-40DB LEVEL -- 1.042 US

SPECTRUM MEASURANDS:
CENTER FREQ. ----- 3.66 MHz
PEAK FREQ. -- 3.26 MHz
-6DB BANDWIDTH -- 74.36 %
F#: 3.7

COMMENTS:

** ACCEPTED

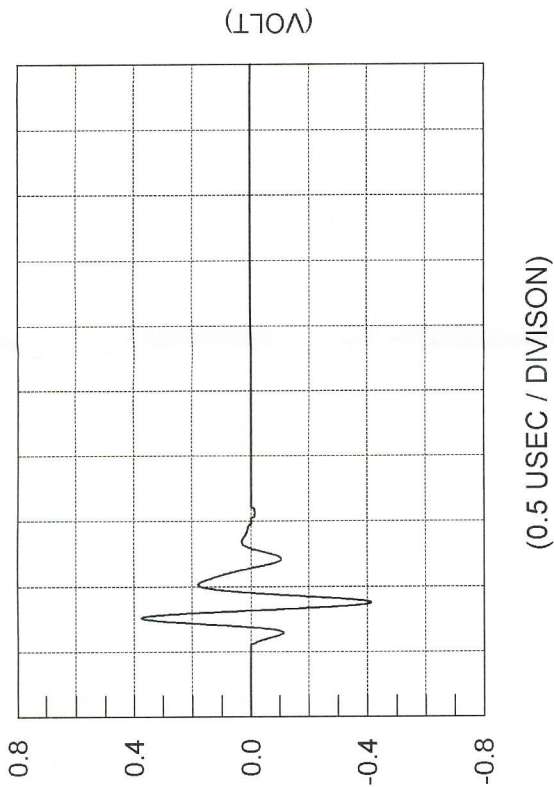
TECHNICIAN (3)

DATE: 12-20-2016

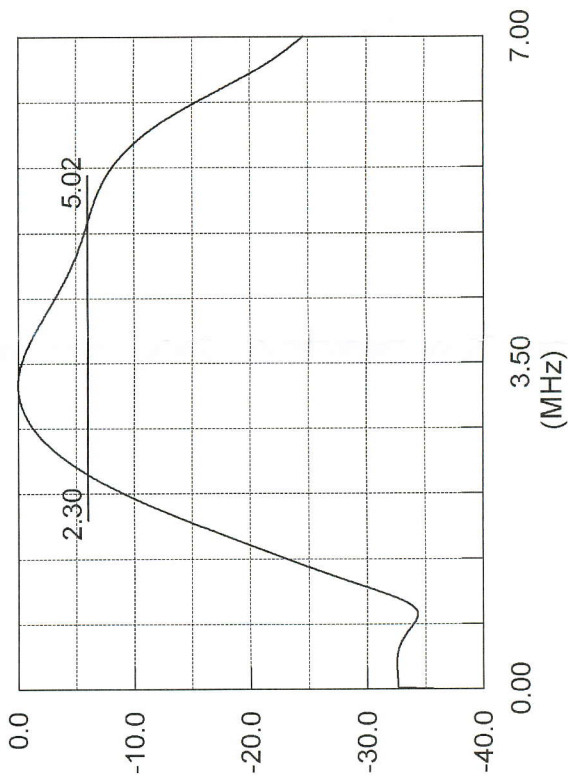
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SIGNAL WAVEFORM



FREQUENCY SPECTRUM



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P73.24/2

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TEST CONDITIONS

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TARGET: 2.0 IN. SILICA
JOB CODE: TP200
WATER PATH: 1.000 in

MEASUREMENTS PER ASTM E1065

WAVEFORM DURATION:
-14DB LEVEL -- 0.603 US
-20DB LEVEL -- 0.659 US
-40DB LEVEL -- 1.013 US

SPECTRUM MEASURANDS:
CENTER FREQ. ----- 3.71 MHz
PEAK FREQUENCY -- 3.37 MHz
-6DB BANDWIDTH -- 72.57 %
F#: 3.7

COMMENTS:

** ACCEPTED

TECHNICIAN (3)

DATE: 12-20-2016

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SIGNAL WAVEFORM



FREQUENCY SPECTRUM

