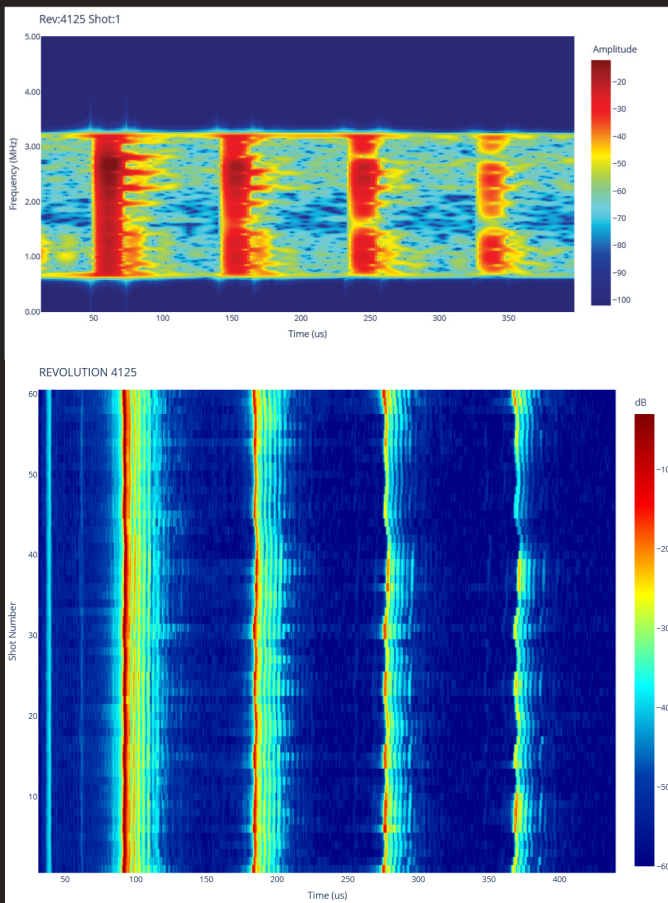


ULTRA-SONIC TOOL (UST)



MORE **INSIGHT** BETTER ANSWERS



0.01" RESOLUTION

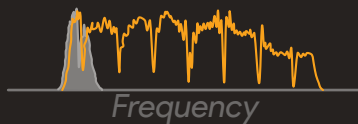
High resolution data distinguishes between wear, pitting, and holes

CEMENT EVALUATION

Threshold attenuation modeling identifies solid, liquid, and gas microannulus

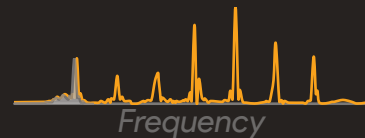
WIDE BANDWIDTH

Five times the standard ultrasonic bandwidth



ACCURATE THICKNESS

Harmonic series increases calculation confidence



SLIM DIAMETER

2 7/8" outer diameter that can log up to 9 5/8" casing

IN-FIELD PROCESSING

Automated for field print or LAS 3.0 output

DIAMETER	2 7/8"	ROTATION SPEED	160 RPM
MAX. TEMP.	230°F	HOLE RESOLUTION	0.2"
MAX. PRESSURE	8500 psi	THICKNESS RESOLUTION	0.01"
PIPE RANGE	3 1/2" - 9 5/8"	CALIPER RESOLUTION	0.01"
SAMPLE RATE	60 SAMPLES / REV	CEMENT DELIVERABLE	uAnnulus CBL