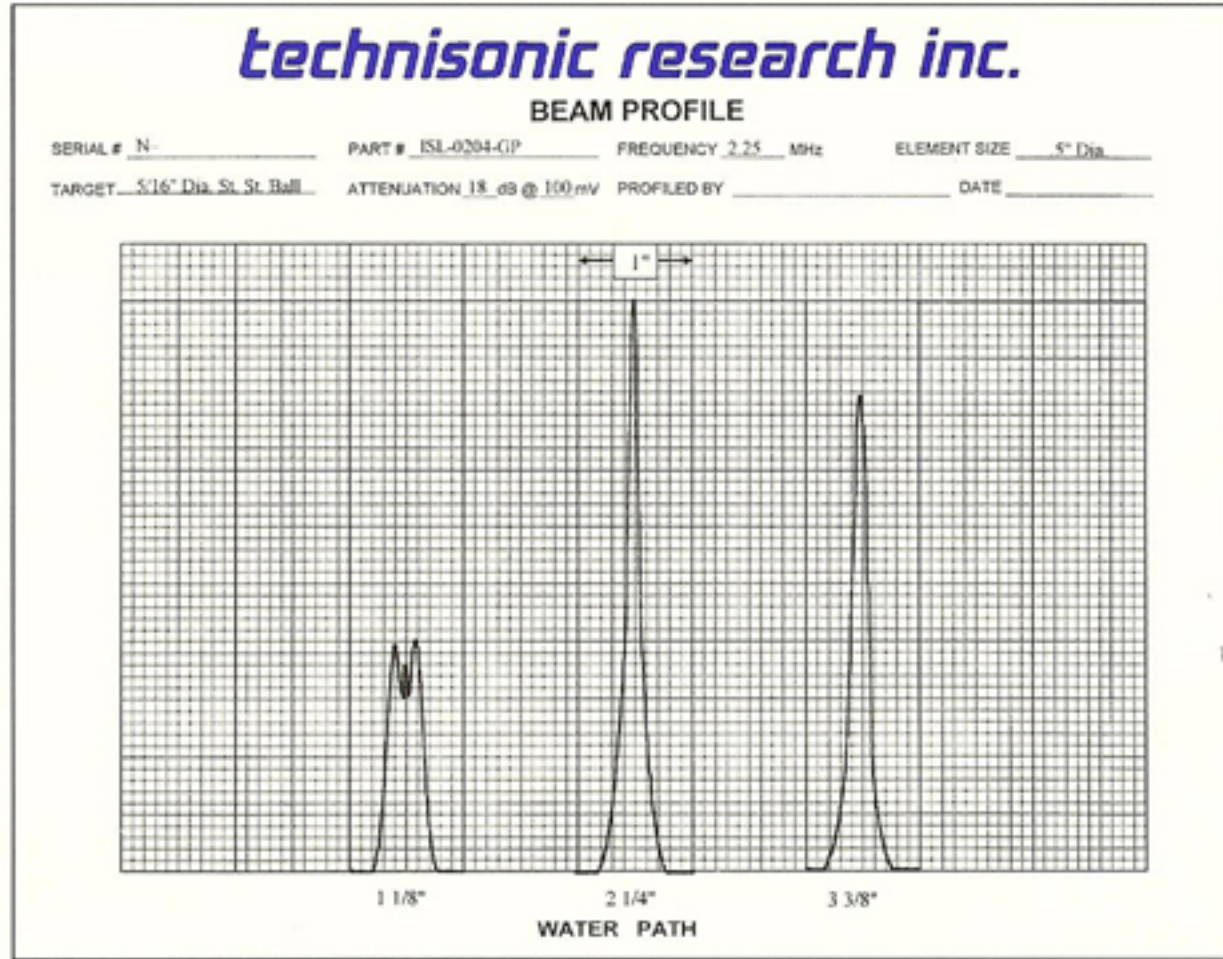




Transducer Certification



Transducer Certification

Technisonic provides certification on all standard transducers at no charge. This certification consists of a real-time waveform and a frequency spectrum. The real-time waveform displays the natural unbiased waveform and ringdown characteristics of the transducer. The frequency spectrum displays characteristics such as peak frequency, center frequency and bandwidth.

Distance Amplitude Curve

The distance amplitude curve shows the exponential decay of the far field and the effects of the near fields.

Beam Profile

The beam profile plot provides vital sound beam information such as beam dimensions and relative intensity at various water distances. The beam profile is made by moving the transducer across a target (steel ball, rod or wire) and plotting the sound beam intensity across the face of the transducer.

