

# Acoustic Resolution Comparison Chart

## ZR Acoustics® vs. Traditional Acoustics

(measured in Non-Parallel Surfaces per Square Foot - NPS/ft.<sup>2</sup>)

ZR Acoustics®		DIFFERENCE	Traditional Acoustics			
Design Style	NPS/ft. <sup>2</sup>		NPS/ft. <sup>2</sup>	Design Style		
ZR Permanent Construction		0.56	46.6X	0.012	Traditional Studio Design	
ZR Acoustics® PreFab		0.56	56X	0.012	Traditional PreFabricated Studios (Iso Booths)	
ZR Acoustics® SMD's	ZR Micro Technology	140+	11,666X	0.012	Traditional Acoustic Treatment	Absorption   Bass Trapping
	ZR Sample Rate Technology	450+	37,500X	0.012		Diffusion   Scattering
	ZR Hybrid Technology	315+   450+	26,250X-37,500X	0.012		Quadratic Diffusor

ZR Acoustics® = 46X to 37,500X Higher Resolution