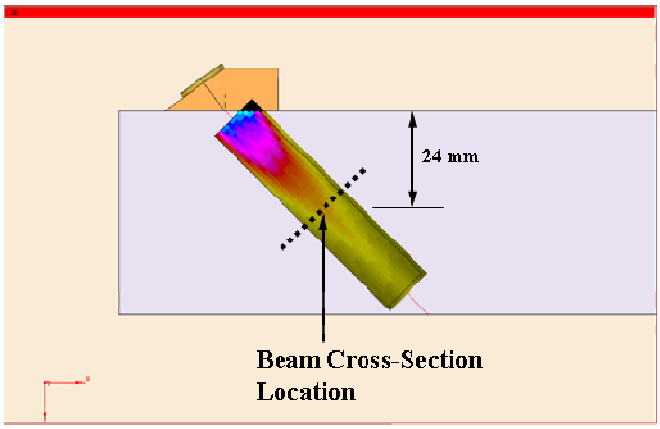
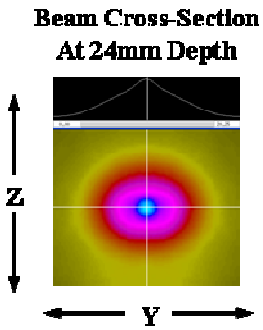
Appendix A1.5.1

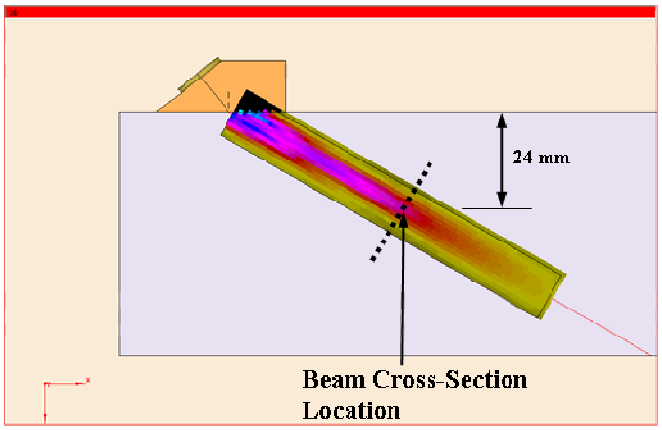
Sound Beam Models

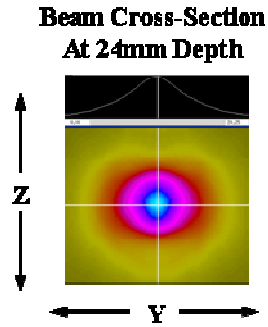




Depth (mm)	6dB		12dB	
	Z (mm)	Y (mm)	Z (mm)	Y (mm)
24	3.3	3.3	5.0	7.7

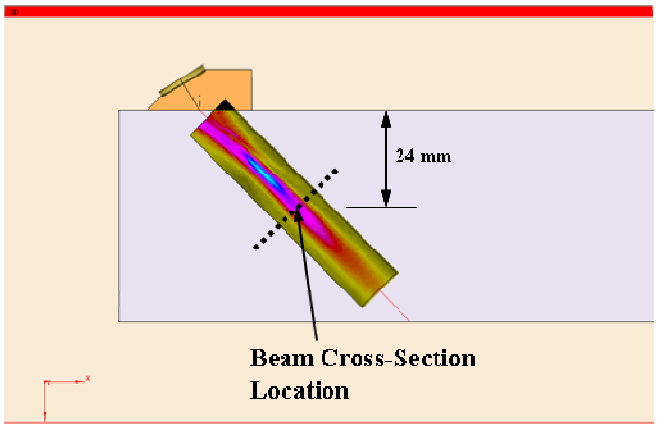
SE 12mm Dia. 5 MHz, 45 Degree

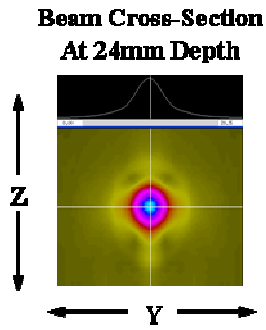




Depth (mm)	6dB		12dB	
	Z (mm)	Y (mm)	Z (mm)	Y (mm)
24	6.0	4.4	7.0	7.2

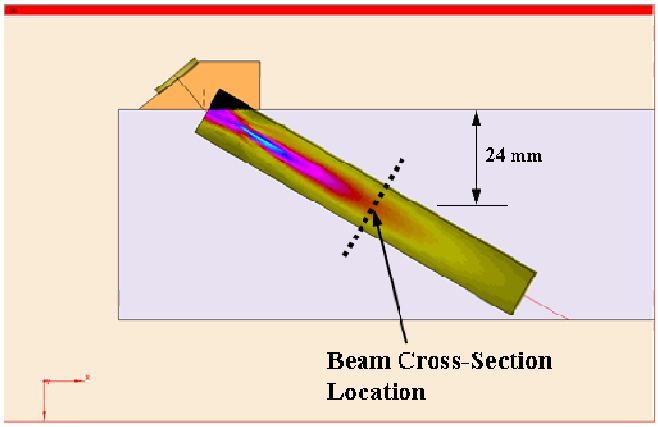
SE 12mm Dia. 5 MHz, 60 Degree

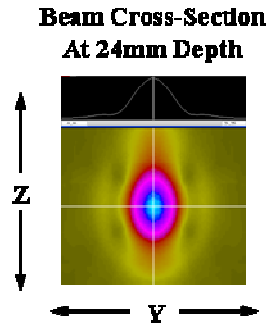




Depth (mm)	6dB		12dB	
	Z (mm)	Y (mm)	Z (mm)	Y (mm)
24	3.0	2.4	4.3	3.6

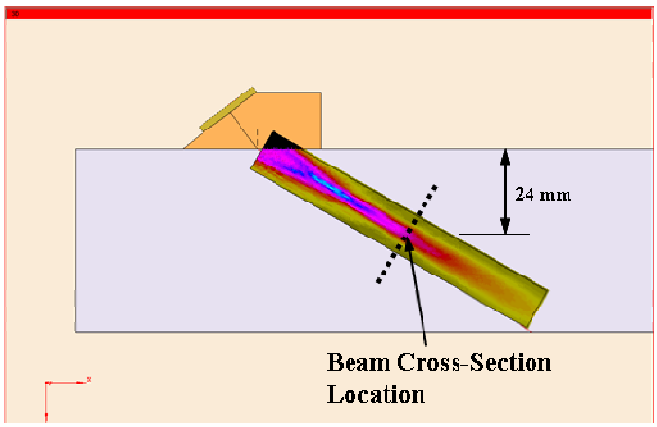
SE 12mm Dia. 4.5 MHz, 45 Degree, 75mm Radius Focus

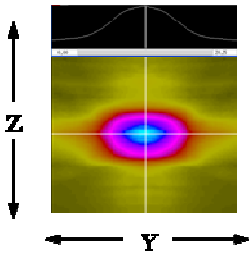




Depth (mm)	6dB		12dB	
	Z (mm)	Y (mm)	Z (mm)	Y (mm)
24	5.3	3.1	7.5	4.6

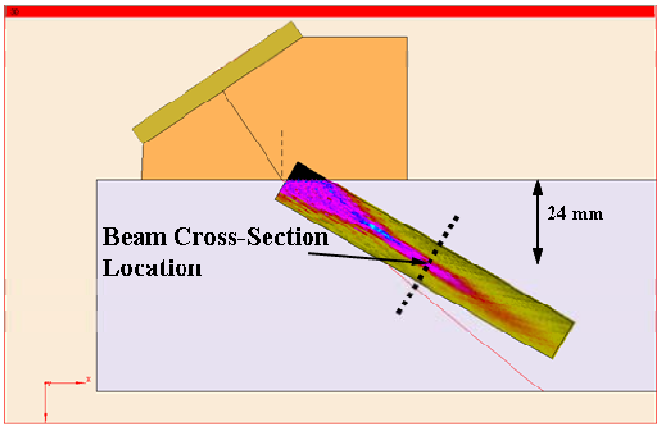
SE 12mm Dia. 4.5 MHz, 60 Degree, 75mm Radius Focus

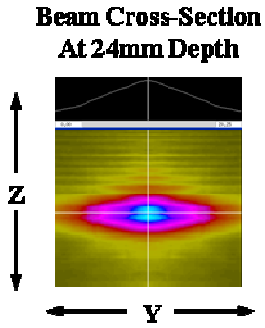




Depth (mm)	6dB		12dB	
	Z (mm)	Y (mm)	Z (mm)	Y (mm)
24	3.5	6.2	5.0	8.7

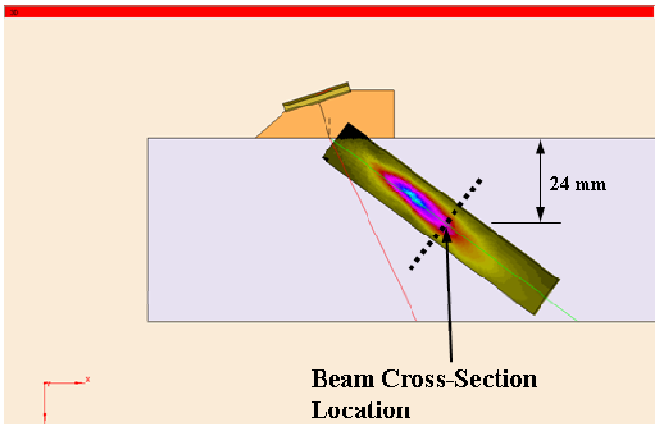
PA 4 MHz, 24 Element Using 24, 60 Deg., 20 FD

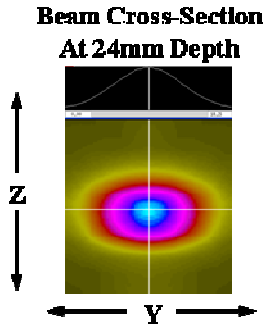




Depth (mm)	6dB		12dB	
	Z (mm)	Y (mm)	Z (mm)	Y (mm)
24	2.5	7.5	3.8	12.5

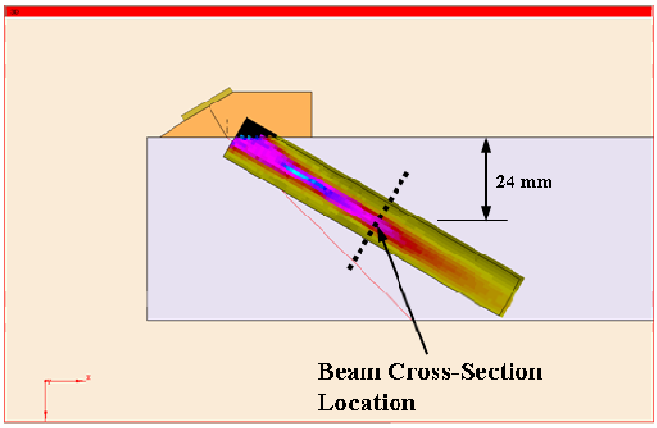
PA 4 MHz, 64 Element Using 32, 60 Deg., 20 FD

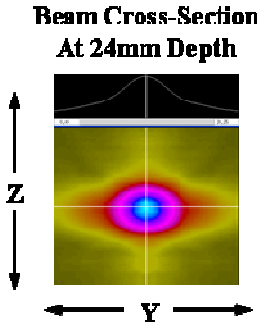




Depth (mm)	6dB		12dB	
	Z (mm)	Y (mm)	Z (mm)	Y (mm)
24	4.3	8.2	6.0	9.1

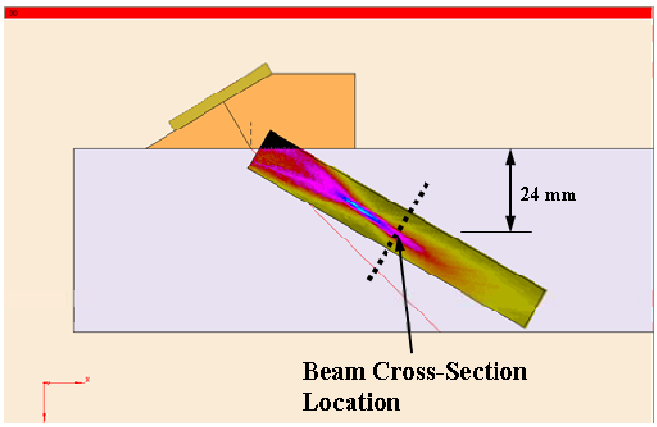
DPA 4 MHz, 24 Element Using 24, 53 Deg., 20 FD

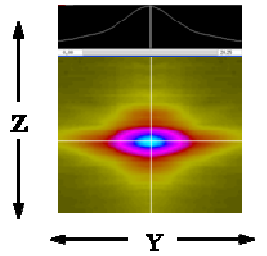




Depth (mm)	6dB		12dB	
	Z (mm)	Y (mm)	Z (mm)	Y (mm)
24	3.5	4.4	5.0	7.0

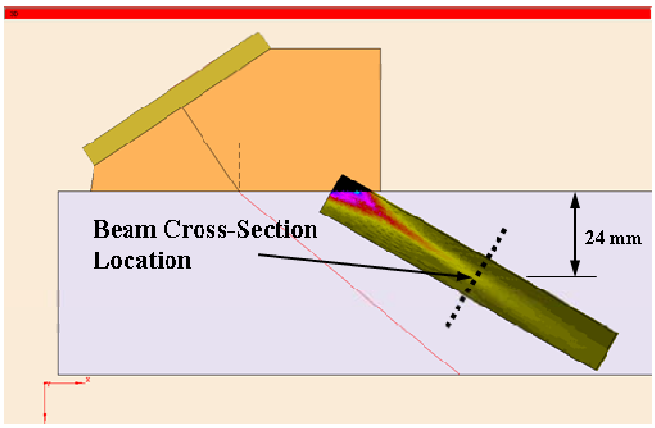
PA 5 MHz, 16 Element Using 16, 60 Deg., 20 FD

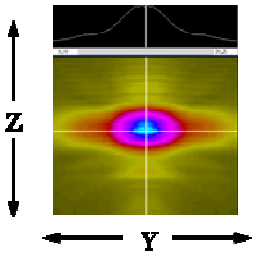




Depth (mm)	6dB		12dB	
	Z (mm)	Y (mm)	Z (mm)	Y (mm)
24	2.3	4.9	3.3	7.0

PA 5 MHz, 32 Element Using 32, 60 Deg., 20 FD





Depth (mm)	6dB		12dB	
	Z (mm)	Y (mm)	Z (mm)	Y (mm)
24	2.0	4.5	4.0	6.0

PA 7.5 MHz, 60 Element Using 17, 60 Deg., 20 FD