

Figure 9: Simulated Plane A directivity plot (horn model with the phase-plug)

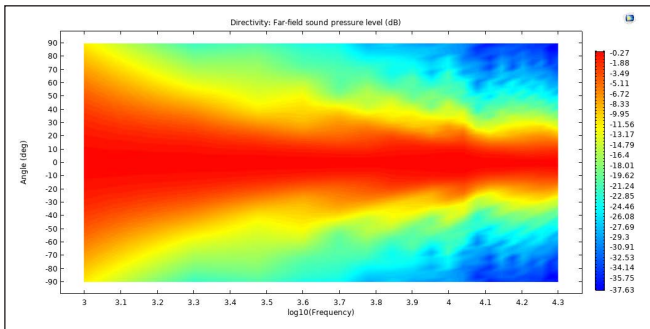


Figure 10: Simulated Plane B directivity plot (horn model with the phase-plug)

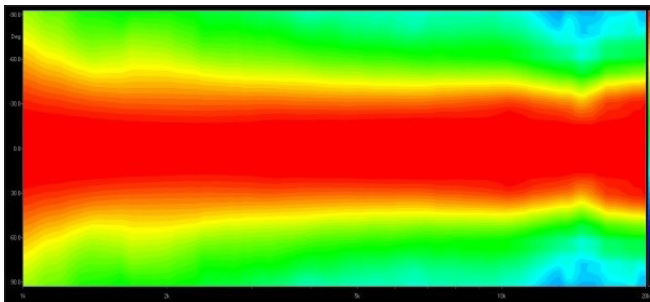


Figure 11: This is the same measurements as Figure 6, but with a shifted scale, comparable with Figure 9 for a better readability.

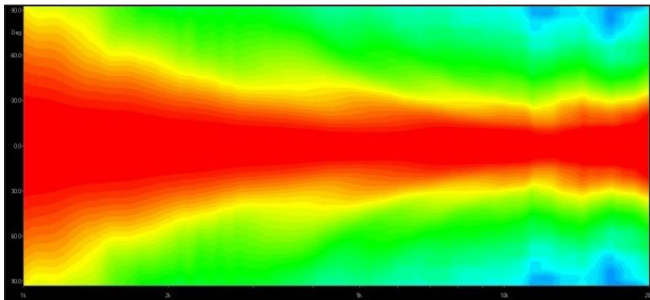


Figure 12: This is the same measurements as shown in Figure 7, but with a shifted scale, comparable with those in Figure 10 for a better readability.

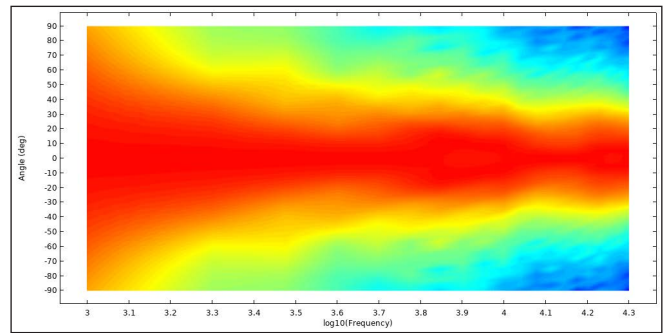


Figure 16 Circular mouth pure exponential horn directivity.

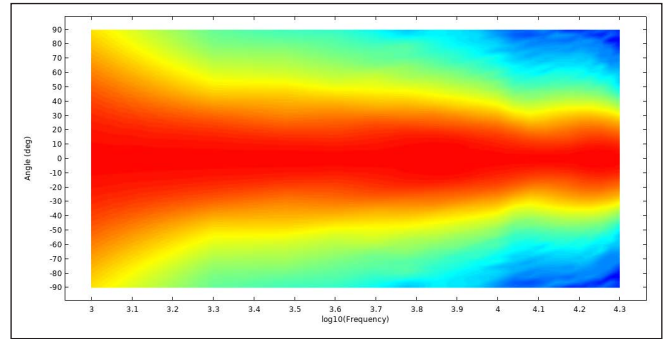


Figure 17 Circular mouth pure exponential horn directivity with the flared mouth.

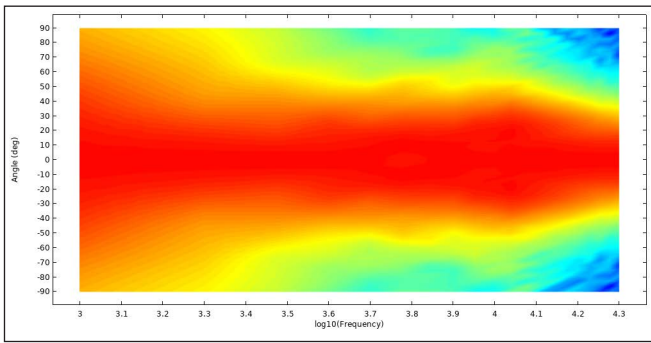


Figure 20 Elliptical mouth (MR= 1.7) exponential horn directivity Plane A.

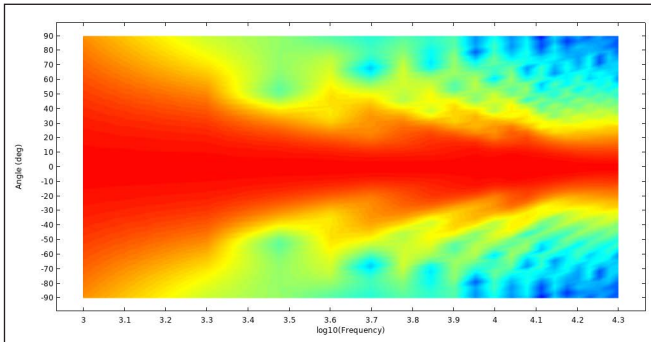


Figure 21 Elliptical mouth (MR= 1.7) exponential horn directivity Plane B.

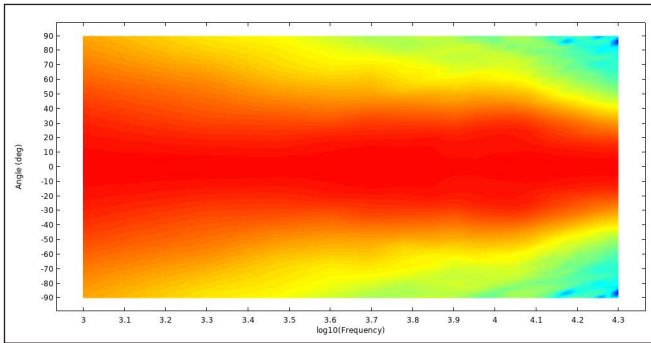


Figure 22 Elliptical flared mouth (MR= 1.7) exponential horn directivity Plane A.

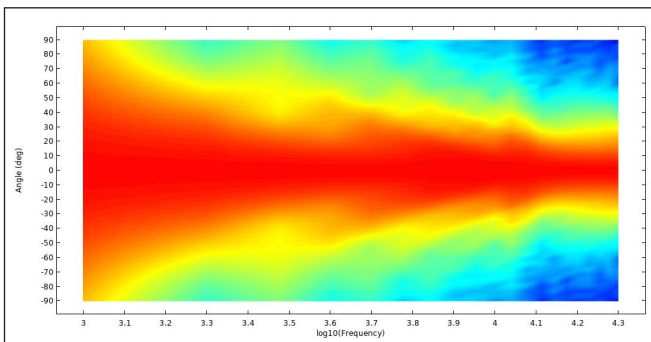


Figure 23 Elliptical flared mouth (MR= 1.7) exponential horn directivity Plane B.

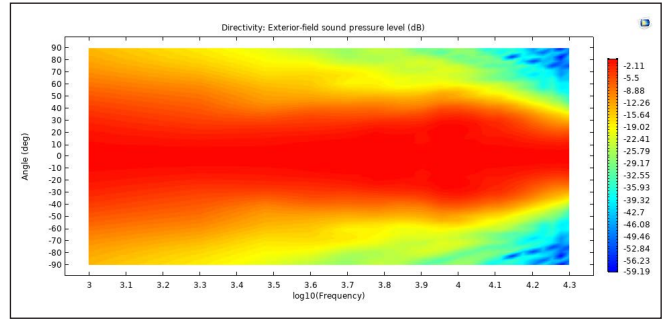


Figure 24 Elliptical mouth (MR= 2.4) exponential horn directivity Plane A.

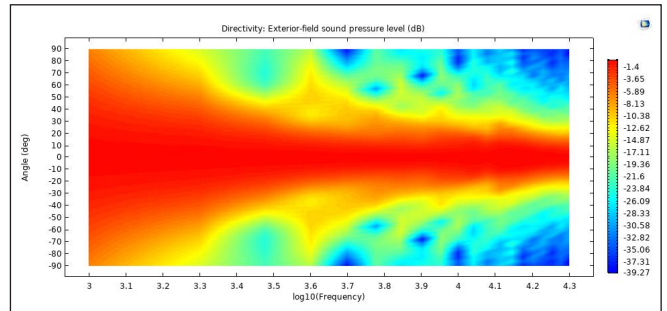


Figure 25 Elliptical mouth (MR= 2.4) exponential horn directivity Plane B.

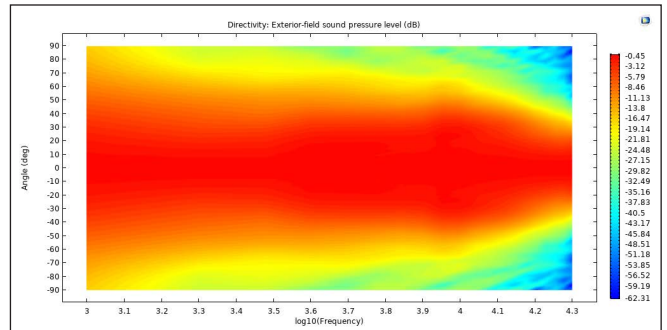


Figure 26 Elliptical flared mouth (MR= 2.4) exponential horn directivity Plane A.

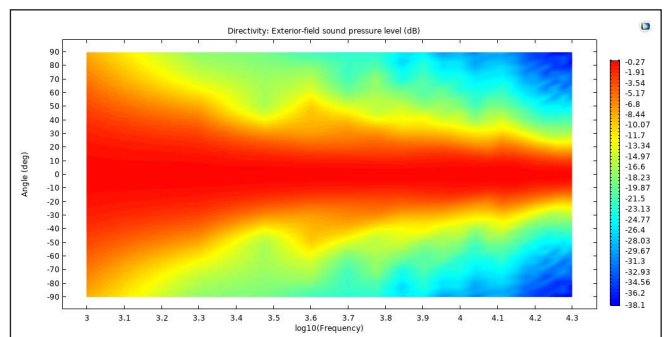


Figure 27 Elliptical flared mouth (MR= 2.4) exponential horn directivity Plane B.