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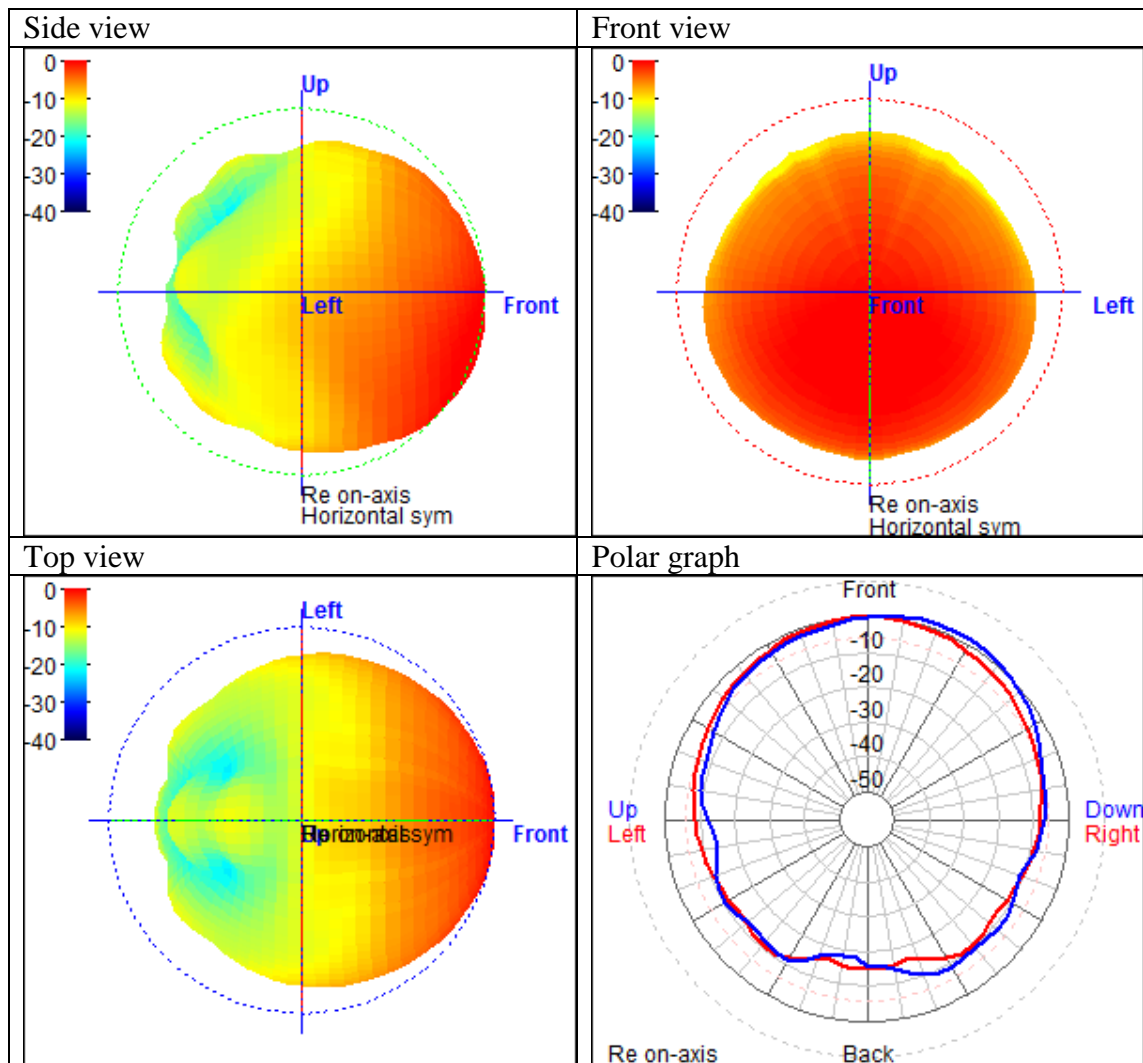
**Appendix 5.4E**

**Directivity of Loudspeakers**

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Directivity profile of loudspeakers for sports event public announcement



Directivity profile of loudspeakers for musical concerts

