

**John C. Kean, *Senior Technologist***  
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As Senior Technologist for NPR Labs, John Kean supervises technical projects of NPR Labs and is directly involved in the development of projects, procedures and standards at the Labs. He is a senior member of the Institute of Electrical and Electronics Engineers and Past President of the IEEE Broadcast Symposium, contributing author to The NAB Engineering Handbook, Editions 7, 8 and 9 and presenter of numerous papers in the field of radio systems engineering to the National Association of Broadcasters' Engineering Conference, International Engineering Consortium, Wireless Communications Association, Shorecliff International Conferences, and Public Radio Conferences.

Kean was a Senior Engineer at NPR from 1980 to 1986, where he supported new broadcast technology and pioneered expansion of FM subcarrier services. From 1987 to 2000 he served as director of engineering for Moffet Larson & Johnson, Inc., where he provided consulting expertise in the fields of broadband wireless networks, TV and radio facilities, FCC regulations, microwave and satellite systems, and mobile cellular networks. Clients ranged from Israel's Ministry of Communications for the first private cellular phone license, to systems design in Egypt and Ghana. At one of the largest spectrum holders in the U.S., XO Communications, Kean directed wireless architecture from 2000 to 2004. He held the key responsibility for fixed wireless technology, network design oversight and integration into metro fiber networks. He is chairman of the National Radio Systems Committee's AM Study Task Group and is past president of the Audio Engineering Society (Washington DC Section).