

SMPTE RP219 HD/SD Compatible Color Bar Library CD-ROM

This SMPTE RP219 HD/SD Compatible Color Bar Library CD-ROM provides the downloadable files (DNL files) standardized by “SMPTE RP 219 High Definition, Standard Definition Compatible Color Bar Signal” and a signal library.

Supported Formats

The DNL files and the signal library in the CD-ROM support the following 10 formats of 1080 system:

1080i: 50 Hz, 59.94 Hz, 60 Hz

1080p: 23.98 Hz, 24 Hz, 25 Hz, 29.97 Hz, 30 Hz

1080sF: 23.98 Hz, 24 Hz

DNL Files

The DNL files can be used in the TG2000/HDVG1 or TG700/HDVG7 signal generator. The files are grouped according to formats and 15 files are provided for each format: 12 files combining four user-selectable signals and three stripe widths (standardized by SMPTE RP 219), and three files including all user-selectable signals per each stripe width.

For more information on user-selectable signals, stripe widths, and how to select DNL files, refer to the *SMPTE_CDRom_E.pdf* file contained in the CD-ROM.

Signal Library

The files in the signal library folder are grouped according to formats. Since these source files can be used in the SDP 2000 Signal Development program, you can edit them for your own application. For detailed information on how to edit a test signal, refer to the *SDP 2000 Signal Development Program User Manual*.