# R&S®SFU-K352
# DVB-H Waveforms
# Specifications

The scope of DVB-H waveform applications depends on the R&S®SFx-B3 ARB memory of the R&S®SFx.

| | | |
|---|---|---|
| DVB-H waveforms | I/Q sequences in line with DVB-H parameter sets | see description of option for details |
| | release | V03.00 |
| | | see description of option for details |
| ARB memory (R&S®SFx-B3) | minimum required waveform memory | 512 Mbyte (128 Msample) |
| | recommended waveform memory | 1 Gbyte (256 Msample) [1] |
| ARB clock rate | 8 MHz bandwidth | 11.429 Msample/s |
| Transmission | channel bandwidth | 8 MHz |
| | constellation | QPSK, 16QAM<br>(depending on loaded waveform) |
| | FFT mode | 8k |
| | guard interval | 1/8 |
| | inner interleaver | native |
| | code rate | 1/2 |
| | DVB-H TPS bits | time slicing on, MPE FEC on |
| Signal set | sequence content | depending on loaded stream |
| | services | DVB-H with video and audio |
| | encoding | |
| | video | H.264 |
| | audio | AAC |
| | number of services | one DVB-H service (video and audio) |
| | size | 502 Mbyte |
| | data rate | 5.529412 Mbps, 11.058824 Mbps |
| | content | digital video and audio |
| | video | |
| | sequence | diver sequence |
| | audio | |
| | sequence | music |
| | length | 11.515 s |
| | number of superframes | 42 superframes |
| Waveform support | R&S®SFU | full support of all DVB-H waveforms |
| | R&S®SFE | full support of all DVB-H waveforms |
| | R&S®SFE100 | full support of all DVB-H waveforms |

[1] R&S®SFU-U35 upgrade kit, 256 Msample (1 Gbyte).

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