

R&S®WV-K803, R&S®SFU-K353 DRM Waveforms Specifications

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| DRM waveforms | I/Q sequences | in line with ETSI TS 201980, Digital Radio Mondiale |
| | release | V02.00 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) |
| ARB clock rate | bandwidth | 4.5/5/9/10/18/20 kHz (depends on loaded waveform) |
| | sampling rate | 24 ksps, 48 ksps (depends on loaded waveform) |
| Transmission | transmission modes | A, B, C, D |
| | bandwidth | 4.5/5.0/9.0/10.0/18.0/20.0 kHz |
| | constellation | |
| | SDC | 4QAM, 16QAM |
| | MSC | 16QAM, 64QAM |
| | code rate | 0.5, 0.62 MSC 16QAM; 0.5, 0.6, 0.71, 0.78 MSC 64QAM (depends on loaded waveform) |
| | interleaver | short (0.4 s), long (2.0 s) |
| Signal set | sequence content | digital audio, speech, data (PRBS) (depends on loaded waveform) |
| | length | depends on loaded test vector |
| | minimum length | 1.1 Mbyte |
| | maximum length | 345 Mbyte |
| | directory | artificial, test, artificial_xHE-AAC, receiver test |

