

ISO/TS 22077-5:2021 (E)

Health informatics — Medical waveform format — Part 5: Neurophysiological signals

Contents

	Foreword
	Introduction
1	Scope
2	Normative references
3	Terms and definitions
4	Symbols and abbreviated terms
5	General
5.1	Overview of the rules
5.2	Configuration of waveform data
5.3	Time synchronization
6	Waveform encoding
6.1	General
6.1.1	Application of EEG studies
6.1.2	Full disclosure waveforms
6.1.3	Intermittent record waveforms
6.2	Waveform class
6.2.1	General
6.2.2	Waveform Class for EEG, PSG, EP, EMG
6.2.2.1	General
6.2.2.2	EEG_REST, EEG_LTRM
6.2.2.3	EMG, EEG_EP
6.2.2.4	EOG
6.2.2.5	RESP
6.3	Waveform attributes (lead names)
6.3.1	Waveform code
6.3.2	EEG
6.3.3	PSG, EOG, EMG, EP, RESP
6.3.4	ECG
6.4	Sampling attributes
6.4.1	General
6.4.2	MWF_IVL (0Bh): Sampling rate
6.4.3	MWF_SEN (0Ch): Sampling resolution
6.5	Frame attributes
6.6	Pointer
6.7	Filter
7	Event information
7.1	General
7.2	Measurement status – related events
Annex A	(informative) MFER conformance statement
Annex B	(informative) EEG electrode code
B.1	Electrode positioning
B.2	Electrode code

Annex C (informative) Example of waveform encoding

- C.1 Electroencephalography (EEG)**
- C.2 Polysomnography (PSG)**
- C.3 Electromyography (EMG)**

Page count: 33