



Science **made** smarter

Technical Specifications

AD226



D-0106126-G – 2026/01



License overview

International configuration AD226		
	Basic license WW	Extended license
Licenses Audiometry		
Basic Audiometry (AC/BC)	x	x
ABLB	x	x
Stenger	x	x
Modified Hughson-Westlake	x	x
Békésy		x
SISI		x
Langenbeck		x
Hybrid mode - PC controlled mode	optional	optional
Sync mode – Audiogram transfer	optional	optional



Included and optional parts

Included parts	DD45 audiometric headset B71 bone conductor APS3 patient response button Power supply Instructions for use
Optional parts	Diagnostic Suite software OtoAccess® Database 21925 Amplivox audio cups, noise reducing headset Carrying case (standard or trolley style) TDH39 audiometric headset IP30 insert phones DD45 audiometric headset P3100 (pediatric headband) DD450 audiometric headset DD65v2 audiometric headset



General technical specifications

AD226 technical specifications

Safety Standards	IEC 60601-1:2005+AMD1:2012+AMD2:2020, ES60601-1:2005/A2:2010, CAN/CSA-C22.2 No 60601-1-:2008 Class I, Type B applied parts.	
EMC Standard	IEC 60601-1-2:2014+AMD1:2020	
Medical CE-mark	Yes	
Audiometer Standards	Tone: IEC 60645-1:2017/ANSI S3.6:2018 Type 3	
Calibration	Calibration information and instructions is located in the AD226 Service manual	
Air Conduction	TDH39: DD45: IP30 DD450 DD65 v2	ISO 389-1 1998, ANSI S3.6-2010 ANSI S3.6 2018 / ISO 389-1 2017 ISO 389-2 1994, ANSI S3.6-2018 ANSI S3.6 – 2018 ANSI S3.6 2018
Bone Conduction	B71: Placement:	ISO 389-3 1994, ANSI S3.6-2010 Mastoid
Effective masking	ISO 389-4 1994, ANSI S3.6-2018	
Transducers	TDH39 DD45 B71 Bone DD450 DD65 v2	Headband Static Force 4.5N $\pm$ 0.5N Headband Static Force 4.5N $\pm$ 0.5N Headband Static Force 5.4N $\pm$ 0.5N Headband Static Force 10N $\pm$ 0.5N Headband Static Force 11.5N $\pm$ 0.5N
Patient Response switch	One push button.	
Patient communication	Talk Forward (TF)	
Special tests/test battery (only extended version)	• Stenger • ABLB • Langenbeck (tone in noise). • SISI • Auto threshold: ◦ Hughson Westlake ◦ Békésy	
Inputs	Tone, Warble Tone +5%, 5Hz (true sine wave frequency modulation).	
Outputs	Left, Right, Bone L+R, Insert Phones, Insert Masking	
Stimuli		
Tone	125-8000Hz.	
Warble Tone	5Hz sine +/- 5% modulation	
Masking	Narrow band noise: IEC 60645-1, 5/12 Octave filter with the same centre frequency resolution as pure Tone. Synchronous masking: Locks channel 2 attenuator to channel 1 attenuator.	
Presentation	Manual or Reverse. Single pulse. Multiple pulses 50-5000 msec. on/off.	
Intensity	AC: -10 to 120 dB HL BC: -10 to 80 dB Available Intensity Steps is 1, 2 or 5dB Extended range function: If not activated, the Air Conduction output will be limited to 20 dB below maximum output. Extended range only available when mains powered	
Frequency range	125Hz to 8kHz. 125Hz, 250Hz, 500 Hz, 750Hz, 1500Hz or 8kHz may freely be deselected	
Internal storage	500 clients	



Data Connections (sockets) for connection of accessories	1 x USB A for keyboard or printer 1 x USB B for PC connection (compatible with USB 1.1 and later)
External devices (USB)	Standard PC keyboard (for data entry) Supported printers: Please contact local distributor for a list of approved PC printers.
Display	4,3" (480x278) TFT color display.
Compatible software (optional)	Diagnostic Suite - Noah, OtoAccess® and XML compatible
Dimensions (LxWxH)	30x23x9cm, 12x9x4 inches.
Weight	1.3kg / 2.9lb
Power supply	5VDC-max 1.6A UE24 type only
Batteries	4x1.5V/1.2V Alkaline/NiMH Type AA, Note: When the instrument is battery operated the maximum stimuli output level is reduced 20dB
Operation environment	Temperature: 15-35°C Re. Humidity: 30-90% Non-condensing Ambient pressure: 98-104 kPa
Transport and storage	Transport temperature: -20-50°C Storage temperature: 0-50°C Re. Humidity: 10-95% Non-condensing
Warm up time	Approx. 1 minute



Survey of reference and max hearing level tone audiometer

ANSI TDH39				
Coupler: ANSI S3.7-1995 (NBS-9A) / IEC 60318-3 1998 (6ccm)				
Tone Audiometer				
	Tone		Narrow Band Noise	
	ANSI S3.6-2010		ANSI S3.6-2010	
Frequency	RETSPL	MaxHL	RETSPL	MaxHL
125	45.0	85	49.0	65
160 ¹	37.5	90	41.5	75
200 ¹	31.5	95	35.5	80
250	25.5	105	29.5	85
315 ¹	20.0	110	24.0	90
400 ¹	15.0	115	19.0	95
500	11.5	120	15.5	100
630 ¹	8.5	120	13.5	105
750	8.0	120	13.0	105
800 ¹	7.0	120	12.0	105
1000	7.0	120	13.0	105
1250 ¹	6.5	120	12.5	105
1500	6.5	120	12.5	105
1600 ¹	7.0	120	13.0	105
2000	9.0	120	15.0	105
2500 ¹	9.5	120	15.5	105
3000	10.0	120	16.0	105
3150 ¹	10.0	120	16.0	105
4000	9.5	120	14.5	105
5000 ¹	13.0	120	18.0	105
6000	15.5	110	20.5	95
6300 ¹	15.0	110	20.0	95
8000	13.0	105	18.0	95
WhiteNoise			0.0	120
TenNoise			25.0	110

¹ The RETSPL is a copy from ISO389-1 1998

IEC TDH39				
Coupler: IEC 60318-3 1998 (6ccm)				
Tone Audiometer				
	Tone		Narrow Band Noise	
	ISO 389-1 1998		ISO 389-4 1994	
Frequency	RETSPL	MaxHL	RETSPL	MaxHL
125	45.0	85	49.0	65
160	37.5	90	41.5	75
200	31.5	95	35.5	80
250	25.5	105	29.5	85
315	20.0	110	24.0	90
400	15.0	115	19.0	95
500	11.5	120	15.5	100
630	8.5	120	13.5	105
750	7.5	120	12.5	105
800	7.0	120	12.0	105
1000	7.0	120	13.0	105
1250	6.5	120	12.5	105
1500	6.5	120	12.5	105
1600	7.0	120	13.0	105
2000	9.0	120	15.0	105
2500	9.5	120	15.5	105
3000	10.0	120	16.0	105
3150	10.0	120	16.0	105
4000	9.5	120	14.5	105
5000	13.0	120	18.0	105
6000	15.5	110	20.5	95
6300	15.0	110	20.0	95
8000	13.0	105	18.0	95
WhiteNoise			0.0	120
TenNoise			25.0	110

ANSI DD45				
Coupler: ANSI S3.7-1995 (NBS-9A) / IEC 60318-3 1998 (6ccm)				
Tone Audiometer				
	Tone		Narrow Band Noise	
	ANSI S3.6-2010		ANSI S3.6-2010	
Frequency	RETSPL	MaxHL	RETSPL	MaxHL
125	47.5	85	51.5	65
160 ¹	40.5	90	44.5	75
200 ¹	33.5	95	37.5	80
250	27	105	31	85
315 ¹	22.5	110	26.5	90
400 ¹	17.5	115	21.5	95
500	13	120	17	100
630 ¹	9	120	14	105
750	6.5	120	11.5	105
800 ¹	6.5	120	11.5	105
1000	6	120	12	105
1250 ¹	7	120	13	105
1500	8	120	14	105
1600 ¹	8	120	14	105
2000	8	120	14	105
2500 ¹	8	120	14	105
3000	8	120	14	105
3150 ¹	8	120	14	105
4000	9	120	14	105
5000 ¹	10	120	15	105
6000	20.5	110	25.5	95
6300 ¹	19	110	24	95
8000	12	105	17	95
WhiteNoise			0.0	120
TenNoise			25.0	110

¹ The RETSPL is a copy from ISO389-1 1998

IEC DD45				
Coupler: IEC 60318-3 1998 (6ccm)				
Tone Audiometer				
	Tone		Narrow Band Noise	
	ISO 389-1 1998		ISO 389-4 1994	
Frequency	RETSPL	MaxHL	RETSPL	MaxHL
125	47.5	85	51.5	65
160	40.5	90	44.5	75
200	33.5	95	37.5	80
250	27	105	31	85
315	22.5	110	26.5	90
400	17.5	115	21.5	95
500	13	120	17	100
630	9	120	14	105
750	6.5	120	11.5	105
800	6.5	120	11.5	105
1000	6	120	12	105
1250	7	120	13	105
1500	8	120	14	105
1600	8	120	14	105
2000	8	120	14	105
2500	8	120	14	105
3000	8	120	14	105
3150	8	120	14	105
4000	9	120	14	105
5000	10	120	15	105
6000	20.5	110	25.5	95
6300	19	110	24	95
8000	12	105	17	95
WhiteNoise			0.0	120
TenNoise			25.0	110



ANSI DD65 v2				
Coupler: ANSI S3.7-1995 (NBS-9A) / IEC 60318-3 1998 (6ccm)				
Tone Audiometer				
	Tone		Narrow Band Noise	
	ANSI S3.6 2018		ANSI S3.6 2018	
Frequency	RETSPL	MaxHL	RETSPL	MaxHL
125	30,5	85	34,5	70
250	17	100	21	85
500	8	110	12	95
750	5,5	115	10,5	100
1000	4,5	115	10,5	100
1500	2,5	115	8,5	100
2000	2,5	115	8,5	95
3000	2	115	8	100
4000	9,5	110	14,5	95
6000	21	100	26	85
8000	21	95	26	80



ANSI EAR 3A				
Coupler: ANSI S3.7-1995 (HA-2 with 5mm rigid Tube)				
Tone Audiometer				
	Tone		Narrow Band Noise	
	ANSI S3.6-2010		ANSI S3.6-2010	
Frequency	RETSPL	MaxHL	RETSPL	MaxHL
125	26.0	90	30.0	85
160	22.0	95	26.0	90
200	18.0	100	22.0	95
250	14.0	105	18.0	100
315	12.0	105	16.0	100
400	9.0	110	13.0	100
500	5.5	110	9.5	105
630	4.0	115	9.0	105
750	2.0	115	7.0	110
800	1.5	115	6.5	110
1000	0.0	120	6.0	110
1250	2.0	120	8.0	110
1500	2.0	120	8.0	110
1600	2.0	120	8.0	110
2000	3.0	120	9.0	110
2500	5.0	120	11.0	110
3000	3.5	120	9.5	110
3150	4.0	120	10.0	110
4000	5.5	115	10.5	110
5000	5.0	105	10.0	105
6000	2.0	100	7.0	100
6300	2.0	100	7.0	95
8000	0.0	90	5.0	95
WhiteNoise			0.0	110

IEC EAR 3A				
Coupler: IEC 60318-5 2006				
Tone Audiometer				
	Tone		Narrow Band Noise	
	ISO 389-2 1994		ISO 389-4 1994	
Frequency	RETSPL	MaxHL	RETSPL	MaxHL
125	26.0	90	30.0	85
160	22.0	95	26.0	90
200	18.0	100	22.0	95
250	14.0	105	18.0	100
315	12.0	105	16.0	100
400	9.0	110	13.0	100
500	5.5	110	9.5	105
630	4.0	115	9.0	105
750	2.0	115	7.0	110
800	1.5	115	6.5	110
1000	0.0	120	6.0	110
1250	2.0	120	8.0	110
1500	2.0	120	8.0	110
1600	2.0	120	8.0	110
2000	3.0	120	9.0	110
2500	5.0	120	11.0	110
3000	3.5	120	9.5	110
3150	4.0	120	10.0	110
4000	5.5	115	10.5	105
5000	5.0	105	10.0	100
6000	2.0	100	7.0	95
6300	2.0	100	7.0	95
8000	0.0	90	5.0	95
WhiteNoise			0.0	110

ANSI B71				
Coupler 60318-6 2007				
Tone Audiometer				
	Tone		Narrow Band Noise	
	ISO 389-3 1994		ISO 389-4 1994	
Frequency	RETSPL	MaxHL	RETSPL	MaxHL
125	-	-	-	-
160	-	-	-	-
200	-	-	-	-
250	67.0	45	71.0	30
315	64.0	50	68.0	35
400	61.0	65	65.0	50
500	58.0	65	62.0	50
630	52.5	70	57.5	55
750	48.5	70	53.5	55
800	47.0	70	52.0	55
1000	42.5	70	48.5	55
1250	39.0	70	45.0	55
1500	36.5	70	42.5	55
1600	35.5	70	41.5	55
2000	31.0	75	37.0	60
2500	29.5	75	35.5	65
3000	30.0	75	36.0	65
3150	31.0	75	37.0	65
4000	35.5	75	40.5	65
5000	40.0	55	45.0	45
6000	40.0	45	45.0	40
6300	40.0	45	45.0	35
8000	40.0	45	45.0	35
WhiteNoise			42.5	70

IEC B71				
Coupler 60318-6 2007				
Tone Audiometer				
	Tone		Narrow Band Noise	
	ISO 389-3 1994		ISO 389-4 1994	
Frequency	RETSPL	MaxHL	RETSPL	MaxHL
125	-	-	-	-
160	-	-	-	-
200	-	-	-	-
250	67.0	45	71.0	30
315	64.0	50	68.0	35
400	61.0	65	65.0	50
500	58.0	65	62.0	50
630	52.5	70	57.5	55
750	48.5	70	53.5	55
800	47.0	70	52.0	55
1000	42.5	70	48.5	55
1250	39.0	70	45.0	55
1500	36.5	70	42.5	55
1600	35.5	70	41.5	55
2000	31.0	75	37.0	60
2500	29.5	75	35.5	65
3000	30.0	75	36.0	65
3150	31.0	75	37.0	65
4000	35.5	75	40.5	65
5000	40.0	55	45.0	45
6000	40.0	45	45.0	40
6300	40.0	45	45.0	35
8000	40.0	45	45.0	35
WhiteNoise			42.5	70



ANSI CIR 22/CIR33				
Coupler ANSI S3.7-1995 (HA-2)				
Tone Audiometer				
	Tone		Narrow Band Noise	
	ANSI S3.6-2010		ANSI S3.6-2010	
Frequency	RETSPL	MaxHL	RETSPL	MaxHL
125	26.0	90	30.0	90
160	22.0	95	26.0	95
200	18.0	100	22.0	100
250	14.0	105	18.0	105
315	12.0	105	16.0	105
400	9.0	110	13.0	105
500	5.5	110	9.5	110
630	4.0	115	9.0	110
750	2.0	115	7.0	110
800	1.5	115	6.5	110
1000	0.0	120	6.0	110
1250	2.0	120	8.0	110
1500	2.0	120	8.0	110
1600	2.0	120	8.0	110
2000	3.0	120	9.0	110
2500	5.0	120	11.0	110
3000	3.5	120	9.5	110
3150	4.0	120	10.0	110
4000	5.5	115	10.5	105
5000	5.0	105	10.0	95
6000	2.0	100	7.0	95
6300	2.0	100	7.0	95
8000	0.0	90	5.0	90
WhiteNoise			0.0	110

IEC CIR 22/CIR33				
Coupler IEC 60318-5 2006 2ccm				
Tone Audiometer				
	Tone		Narrow Band Noise	
	ISO 389-2 1994		ISO 389-4 1994	
Frequency	RETSPL	MaxHL	RETSPL	MaxHL
125	26.0	90	30.0	90
160	22.0	95	26.0	95
200	18.0	100	22.0	100
250	14.0	105	18.0	105
315	12.0	105	16.0	105
400	9.0	110	13.0	105
500	5.5	110	9.5	110
630	4.0	115	9.0	110
750	2.0	115	7.0	110
800	1.5	115	6.5	110
1000	0.0	120	6.0	110
1250	2.0	120	8.0	110
1500	2.0	120	8.0	110
1600	2.0	120	8.0	110
2000	3.0	120	9.0	110
2500	5.0	120	11.0	110
3000	3.5	120	9.5	110
3150	4.0	120	10.0	110
4000	5.5	115	10.5	105
5000	5.0	105	10.0	95
6000	2.0	100	7.0	95
6300	2.0	100	7.0	95
8000	0.0	90	5.0	90
WhiteNoise			0.0	110

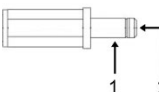
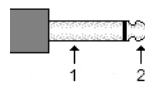
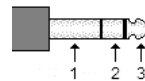
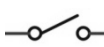
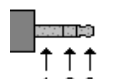


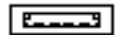
General properties for earphones

Sound attenuation values for earphones		
Frequency	Attenuation	
	DD45 or TDH39 with MX41/ AR or PN 51 cushion	EAR-Tone 3A
[Hz]	[dB]	[dB]
125	3	33,5
160	4	
200	5	
250	5	34,5
315	5	
400	6	
500	7	34,5
630	9	
750	-	
800	11	
1000	15	35,0
1250	18	
1500	-	
1600	21	
2000	26	33,0
2500	28	
3000	-	
3150	31	
4000	32	39,5
5000	29	
6000	-	
6300	26	
8000	24	43,5



AD226 Pin assignment

Socket	Connector	Pin 1	Pin 2	Pin 3
IN 5V  /1.6A	 DC Supply	Ground	DC	-
Left	 6.3mm Mono	Ground	Signal	-
Right				
Bone				
Ins. Mask.				
Pat. Resp.	 6.3mm Stereo	-		
AUX	 3.5mm Stereo	Ground	Signal ch. 2	Signal ch. 1

USB (host)		USB (PC)	
  4 3 2 1	1. +5 VDC	  1 2 4 3	1. +5 VDC
	2. Data -		2. Data -
	3. Data +		3. Data +
	4. Ground		4. Ground



Electromagnetic compatibility (EMC)

This instrument is suitable in hospital environments except for near active HF surgical equipment and RF shielded rooms of systems for magnetic resonance imaging, where the intensity of electromagnetic disturbance is high. Use of this instrument adjacent to or stacked with other equipment should be avoided because it could result in improper operation. If such use is necessary, this instrument and the other equipment should be observed to verify that they are operating normally.

Use of accessories, transducers and cables other than those specified or provided by the manufacturer of this equipment could result in increased electromagnetic emissions or decreased electromagnetic immunity of this equipment and result in improper operation.

Portable RF communications equipment (including peripherals such as antenna cables and external antennas) should be used no closer than 30 cm (12 inches) to any part of this instrument, including cables specified by the manufacturer. Otherwise, degradation of the performance of this equipment could result.

NOTICE ESSENTIAL PERFORMANCE for this instrument is defined by the manufacturer as:

- This instrument does not have an ESSENTIAL PERFORMANCE Absence or loss of ESSENTIAL PERFORMANCE cannot lead to any unacceptable immediate risk
- Final diagnosis shall always be based on clinical knowledge There are no deviations from the collateral standard and allowances uses
- This instrument is in compliance with IEC 60601-1-2, emission class B group 1

NOTICE: There are no deviations from the collateral standard and allowances uses

NOTICE: All necessary instruction for maintaining compliance with regard to EMC can be found in the general maintenance section in this instruction. No further steps required.

Guidance and manufacturer's declaration - electromagnetic emissions		
The AD226 is intended for use in the electromagnetic environment specified below. The customer or the user of the <i>Instrument</i> should assure that it is used in such an environment.		
Emissions Test	Compliance	Electromagnetic environment - guidance
RF emissions CISPR 11	Group 1	The AD226 uses RF energy only for its internal function. Therefore, its RF emissions are very low and are not likely to cause any interference in nearby electronic equipment. The AD226 is suitable for use in all commercial, industrial, business, and residential environments.
RF emissions CISPR 11	Class B	
Harmonic emissions IEC 61000-3-2	Complies Class A Category	
Voltage fluctuations / flicker emissions IEC 61000-3-3	Complies	

Recommended separation distances between portable and mobile RF communications equipment and The AD226.			
The AD226 is intended for use in an electromagnetic environment in which radiated RF disturbances are controlled. The customer or the user of the <i>Instrument</i> can help prevent electromagnetic interferences by maintaining a minimum distance between portable and mobile RF communications equipment (transmitters) and the AD226 as recommended below, according to the maximum output power of the communications equipment.			
Rated Maximum output power of transmitter [W]	Separation distance according to frequency of transmitter [m]		
	150 kHz to 80 MHz $d = 1.17\sqrt{P}$	80 MHz to 800 MHz $d = 1.17\sqrt{P}$	800 MHz to 2.7 GHz $d = 2.23\sqrt{P}$
0.01	0.12	0.12	0.23
0.1	0.37	0.37	0.74
1	1.17	1.17	2.33
10	3.70	3.70	7.37
100	11.70	11.70	23.30
For transmitters rated at a maximum output power not listed above, the recommended separation distance d in meters (m) can be estimated using the equation applicable to the frequency of the transmitter, where P is the maximum output power rating of the transmitter in watts (W) according to the transmitter manufacturer. Note 1 At 80 MHz and 800 MHz, the higher frequency range applies. Note 2 These guidelines may not apply to all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people.			



Guidance and Manufacturer's Declaration - Electromagnetic Immunity			
The AD226 is intended for use in the electromagnetic environment specified below. The customer or the user of the AD226 should assure that it is used in such an environment.			
Immunity Test	IEC 60601 Test level	Compliance	Electromagnetic environment - guidance
Electrostatic Discharge (ESD) IEC 61000-4-2	+8 kV contact +15 kV air	+8 kV contact +15 kV air	Floors should be wood, concrete or ceramic tile. If floors are covered with synthetic material, the relative humidity should be greater than 30%.
Immunity to proximity fields from RF wireless communications equipment IEC 61000-4-3	Spot freq. 385-5.785 MHz Levels and modulation defined in table 9	As defined in table 9	RF wireless communications equipment should not be used close to any parts of the AD226 .
Electrical fast transient/burst IEC61000-4-4	+2 kV for power supply lines +1 kV for input/output lines	+2 kV for power supply lines +1 kV for input/output lines	Mains power quality should be that of a typical commercial or residential environment.
Surge IEC 61000-4-5	+1 kV Line to line +2 kV Line to earth	+1 kV Line to line +2 kV Line to earth	Mains power quality should be that of a typical commercial or residential environment.
Voltage dips, short interruptions and voltage variations on power supply lines IEC 61000-4-11	0% <i>UT</i> (100% dip in <i>UT</i>) for 0.5 cycle, @ 0, 45, 90, 135, 180, 225, 270 and 315° 0% <i>UT</i> (100% dip in <i>UT</i>) for 1 cycle 40% <i>UT</i> (60% dip in <i>UT</i>) for 5 cycles 70% <i>UT</i> (30% dip in <i>UT</i>) for 25 cycles 0% <i>UT</i> (100% dip in <i>UT</i>) for 250 cycles	0% <i>UT</i> (100% dip in <i>UT</i>) for 0.5 cycle, @ 0, 45, 90, 135, 180, 225, 270 and 315° 0% <i>UT</i> (100% dip in <i>UT</i>) for 1 cycle 40% <i>UT</i> (60% dip in <i>UT</i>) for 5 cycles 70% <i>UT</i> (30% dip in <i>UT</i>) for 25 cycles 0% <i>UT</i> (100% dip in <i>UT</i>) for 250 cycles	Mains power quality should be that of a typical commercial or residential environment. If the user of the AD226 requires continued operation during power mains interruptions, it is recommended that the AD226 be powered from an uninterruptable power supply or its battery.
Power frequency (50/60 Hz) IEC 61000-4-8	30 A/m	30 A/m	Power frequency magnetic fields should be at levels characteristic of a typical location in a typical commercial or residential environment.
Radiated fields in close proximity — Immunity test IEC 61000-4-39	9 kHz to 13.56 MHz. Frequency, level and modulation defined in AMD 1: 2020, table 11	As defined in table 11 of AMD 1: 2020	If the AD226 contains magnetically sensitive components or circuits, the proximity magnetic fields should be no higher than the test levels specified in Table 11
Note: <i>UT</i> is the A.C. mains voltage prior to application of the test level.			



Guidance and manufacturer's declaration — electromagnetic immunity

The **AD226** is intended for use in the electromagnetic environment specified below. The customer or the user of the **AD226** should assure that it is used in such an environment.

Immunity test	IEC / EN 60601 test level	Compliance level	Electromagnetic environment – guidance
Conducted RF IEC / EN 61000-4-6	3 Vrms 150kHz to 80 MHz 6 Vrms In ISM bands (and amateur radio bands for Home Healthcare environment.)	3 Vrms 6 Vrms	Portable and mobile RF communications equipment should be used no closer to any parts of the AD226, including cables, than the recommended separation distance calculated from the equation applicable to the frequency of the transmitter. Recommended separation distance: $d = \frac{3,5}{V_{rms}} \sqrt{P}$
Radiated RF IEC / EN 61000-4-3	3 V/m 80 MHz to 2,7 GHz 10 V/m 80 MHz to 2,7 GHz Only for Home Healthcare environment	3 V/m 10 V/m (If Home Healthcare)	$d = \frac{3,5}{V/m} \sqrt{P} \quad 80 \text{ MHz to } 800 \text{ MHz}$ $d = \frac{7}{V/m} \sqrt{P} \quad 800 \text{ MHz to } 2,7 \text{ GHz}$ Where P is the maximum output power rating of the transmitter in watts (W) according to the transmitter manufacturer and d is the recommended separation distance in meters (m). Field strengths from fixed RF transmitters, as determined by an electromagnetic site survey,^a should be less than the compliance level in each frequency range.^b Interference may occur in the vicinity of equipment marked with the following symbol: 

NOTE1 At 80 MHz and 800 MHz, the higher frequency range applies

NOTE 2 These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people.

^a) Field strengths from fixed transmitters, such as base stations for radio (cellular/cordless) telephones and land mobile radios, amateur radio, AM and FM radio broadcast and TV broadcast cannot be predicted theoretically with accuracy. To assess the electromagnetic environment due to fixed RF transmitters, an electromagnetic site survey should be considered. If the measured field strength in the location in which the **AD226** is used exceeds the applicable RF compliance level above, the **AD226** should be observed to verify normal operation. If abnormal performance is observed, additional measures may be necessary, such as reorienting or relocating the **AD226**.

^b) Over the frequency range 150 kHz to 80 MHz, field strengths should be less than 3 V/m.