

# DATA FORMAT


## A-Diag

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## DATA FORMAT : Examination data part A-Diag (version:1-03-03)

### 1. Definition of TAG and fields in CSV file

Tag Name	Explanation of the tag	Field following a tag						
		Numbe r of appear ance	Numbe r of fields	Name of fields	Character type	The maximum number of the characters	Detail	Unit
[MAC_V]	Unit Software Version	-	6	MCPU software version	ASCII	6	Character string of MCPU software version Example: M.00	
				GCPU software version	ASCII	6	Character string of GCPU software version Example: G.00	
				LCA data version	ASCII	6	Character string of LCA data version Example: 00	
				INT data version	ASCII	6	Character string of INT data version Example: 00	
				POST data version	ASCII	6	Character string of POST data version Example: 00	
				NCPU software version	ASCII	6	Character string of NCPU software version Example: N.00	
[RL]	L/R eye to be measured	-	1	Left or Right	ASCII	5	One of the character strings of [Left] or [Right]	—
[PRB_TYP]	Probe Type	-	1	Probe Type	ASCII	10	Character sting of “A-Diag”	—
[PRB_DRT]	Probe Direction	-	3	Probe applying position	ASCII	2	One of the character strings between [0] to [8]  0 1 2 3 4 5 6 7 8	—
				Beam direction 1	ASCII	2	One of the character strings between [1] to [12]	—
				Beam direction 2	ASCII	2	One of the character strings of [AX], [P], [PE], [EP], [E], [EA], [O], [CB]	—
[SCP]	Scope	-	1	Range of waveform	ASCII	6	One of the character strings of [Normal] or [Wide]	—
[AMP]	Amplifier	-	1	Amplifier type	ASCII	6	One of the character strings of [LOG], [LINEAR] or [S]	—
[GAIN]	Value of gain	-	1	Value of gain	ASCII	3	Value of gain, Unsigned integer	dB
[DAT_NUM]	Number of raw data	-	1	Number of raw data	ASCII	3	Number of raw data, unsigned integer UD1000/6000:[460]	—
[DAT_PIT]	Distance of each raw data	-	1	Distance of each raw data	ASCII	5	Distance of each raw data, unsigned integer(*.***)	mm
[COMMENT]	Comment	-	1	Comment	ASCII	36	Comment	
None-TAG	Raw data	-	?	Value of echo	ASCII	3	Sampled value of waveform, unsigned integer	—
[FILES_N]	Number of the attached files	-	1	Number of the files	-	3	Unsigned integer	
[FILE]	Name and attribute of the attached files	MAX 32	2	File name of the attached file	-	256		

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Caution :  
Number of raw data depends on its size.

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### 2. Sample( The portion following a common header )

#### 2-1. Right Eye

Sample	Explanation
[FM_IF],UD-AD,1-03-03	Version of A-DIAG format for UD is 1-03-03
[MAC_V],M.30,G.10,0e,00,1a,N.10	MCPU M.30 , GCPU G.10 , LCA 0e, INT 00, POST 1a, NCPU N.10
[RL],Right	Right eye
[PRB_TYP], A-Diag	Probe is for A-Diag
[PRB_DRT],1,8,AX	Probe applying position= 1, Beam direction 1= 8, Beam direction 2= AX
[SCP],Normal	Scope = Normal
[AMP],LOG	Amplifier type = LOG
[GAIN],35	gain = 35 dB
[DAT_NUM],460	number of raw data = 460
[DAT_PIT],0.125	distance of each raw data = 0.125mm
0	Value of 1 <sup>st</sup> raw data = 0
0	Value of 2 <sup>nd</sup> raw data = 0
45	Value of 3 <sup>rd</sup> raw data = 45
64	Value of 4 <sup>th</sup> raw data = 64
:	:
120	Value of 460 <sup>th</sup> raw data = 120
[FILES_N],1	
[FILE], 2012-01-30_20-27-30_641.UD-6000.JPG	