Data Test	Bytes	Code
Spare	1	Not used (20H)
Termination code	5	(ETX or ETB) + checksum + CR + LF

*When the maximum frame size is 256 bytes, the maximum number of test is n=11. When the maximum frame size is 512 bytes, the maximum number of tests is n=28.
†Previous values are:
123.45 ® ^^123.45
-6.7 ® ^^^^-6.7
^: Blank space (20H)

Refer to *Operational Notes*, page 2-44 for information.

Measurement Data Text

The Measurement Data text sends data such as Sample ID, Sample Classification, comments to the host computer.

Table 2-39 Measurement Data Text

Applicable communication function	Batch test registration (Refer to *Batch Test Registration Protocol*, page 2-27) Real test registration. (Refer to *Real Test Registration Protocol*, page 2-31)
Communication direction	ADVIA Chemistry system→ Host Computer

Table 2-40 Measurement Data Text (first block, variable length) – Frame Size, Block Count

Maximum Frame size	Maximum number blocks
256 bytes	25 blocks
512 bytes	11 blocks

Table 2-41 Measurement Data Text (first block, variable length)

Data Test	Bytes	Code
Starting code	1	STX
Frame number	1	1–7, 0
Text classification	1	R (52H)
Equipment identification number	1	Not used, space (20H)
Total number of blocks	2	01–25 (no zero suppression)
Block number	2	01 (no zero suppression)
Number of test in a block	3	001–099 (no zero suppression)
Inspection Date	8	YYYYMMDD Example: 20090229

Data Test	Bytes	Code
Inspection Time	6	HHMMSS Example: (18:55:33) 185533
Sample classification	1	**N (4EH**) General Sample **C (43H)** Control Sample* **I (49H)** Interruption Sample
ID specification	1	0 **(30H)** New request. If a registered sample (workorder) exists, it is overwritten. **1 (31H)** Test addition, re-run. In case of an unregistered sample, same as a new request. **2 (32H)** Rack number. Not used. **3 (33H)** Sample deletion. Deletion of a previously registered sample.
Sample ID	13	**Arbitrary-sample ID**: Up to 13 alphanumeric characters, no zero suppression, left-justified, 20H at the end. **Barcode ID**: Up to 13 alphanumeric characters, no zero suppression, left-justified, 20H at the end and additonal formatting described in *Sample Number, page 2-16*. **Sequential ID**: Up to 9 digits, no zero suppression, left-justified, 20H at the end. Be sure to set unique sample numbers, even for an order of position number designation.
Position Number	7	Filled with blank spaces when not used (20H). **Sample Tray (STT)**: Fixed-length, 5 digits, no zero suppression, left-justified, 20H at the end† **Rack No.**: Fixed-length, 7 digits, no zero suppression, left-justified‡ **Independent holder No.**: Fixed-length, 4 digits, no zero suppression, left-justified, 20H at the end
Comment 1	16	ASCII or shift JIS. Filled with blank spaces (20H) when not used
Comment 2§	16	ASCII or shift JIS. Filled with blank spaces (20H) when not used Patient: **Rack No.**: Fixed-length, 7 digits, no zero suppression, left-justified# Control: Fixed-length, 15 digits, control lot no. information, left-justified, 20H at the end
Sex	1	M (4DH) Male or F (46H) Female. If not used, set to M.

Data Test	Bytes	Code
Age	3	Year=999 (right-justified). When not used, age is always 0. Month=M99 (right-justified). Week=W99 (right-justified). Date=D99 (right-justified).
Blood sampling data	8	YYYYMMDD Example: 20090229. Filled with blank spaces (20H) when not used
Dilution coefficient	4	Format: 99.9 (right-justified): When not used, insert Format: ^1.0 (^0.1–99.9). ^ : blank space
Sample classification	1	**1 (31H)** blood serum **2 (32H)** urine When not used, enter 1.
Container classification	1	1–9 When not used, enter 1.
Request Test	(3+1+8 +3) x n**	Test number 3 bytes, Format: 999 (right-justified), 0 suppression Analysis condition: 1 byte M or D or U. Normally set to M. Previous value: 8 bytes for 8-digits number (including "-" sign) and floating decimal point, right-justified. Filled with blank spaces when not in use. Mark: 3 bytes. Refer to *Mark (Result Flag) Specifications*, page 2-64
Spare	1	Not used (20H)
Termination code	5	(ETX or ETB) + checksum + CR + LF

*Control Samples are sent with the sample classification and a unique alphanumeric ID assigned by the ADVIA Chemistry system. Control ID is 4 characters (PA001 to PZ200), no zero suppression, left justified, 20H at end.
†STT Position is stored here when [LIS-STT Position Transmit] is set to "1".
‡RACK No. is stored here when [LIS-RACK Position Transmit] is set to "1".
§The Comment 2 field transmits quality control information to the ADVIA CentraLink system. Refer to customer bulletin, *Uploading Control Lot Numbers and Expiration Dates to a Host Computer*, PN 073D0270-01. In addition to lot number and expiration date, there is an option to also include rack number and position number.
#RACK No. is stored here when [LIS-RACK Position Transmit] is set to "0".
**When the maximum frame size is 256 bytes, the maximum number of tests is n=8. When the maximum frame size is 512 bytes, the maximum number of test is n=21.

Table 2-42 Measurement Data Text (2nd to last block, variable length)

Data Test	Bytes	Code
Starting code	1	STX
Frame number	1	1–7, 0
Text classification	1	R (52H)