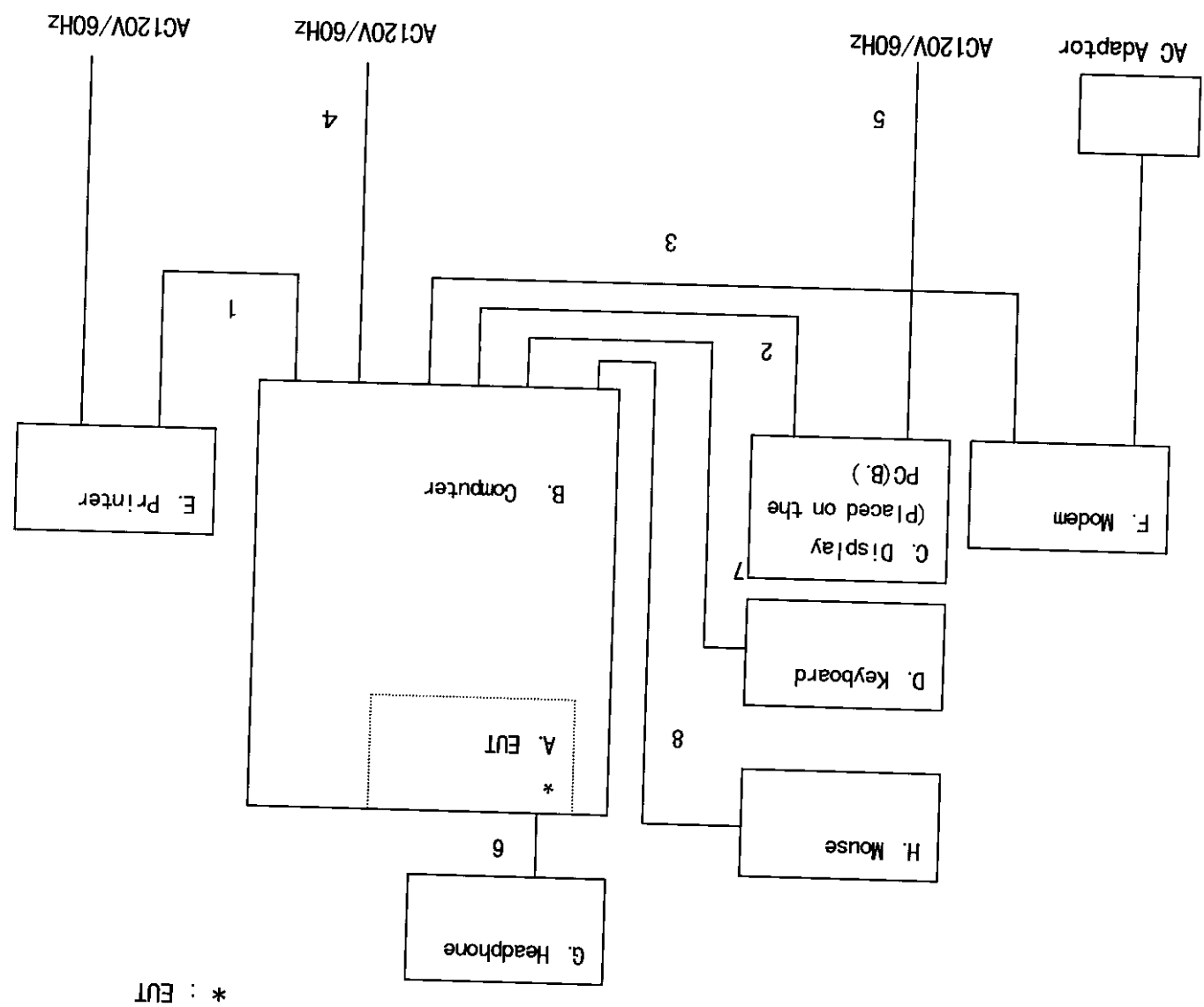


Symbols or numbers assigned to equipment or cables on this diagram are corresponded to the symbols or numbers assigned to equipment or cables on tables in Configuration/Cable Information.



COMMENT:

SYSTEM CONFIGURATION

TEST SITE CONDITION

DATE

11 / 13 / 1998

SITE #

3

WEATHER

Sunny

TEMPERATURE

22°C

HUMIDITY

40%

INSTRUMENTATION USED

[*] RECEIVER

RADIATED [] R/S ESV

[*] KYORITSU KNM-5002, KCV-6002 (DET [] GP [] PEAK) [] PEAK

IF BANDWIDTH [] 120kHz [] OTHER kHz

CONDUCTED [] R/S ESH2 (DET [] GP [] PEAK [] AVERAGE)

[*] KYORITSU KNM-2402 (DET [] GP [] PEAK [] AVERAGE)

IF BANDWIDTH [] 200kHz [] 500kHz [] 24kHz [] 10kHz

PRI AMP [] HP8449B (1GHz-26.5GHz) [*] ANRITSU MH648A (30MHz-1.2GHz)

[*] SPECTRUM ANALYZER

[] HP8568B (DET [] GP [] PEAK [] AVERAGE)

[] HP8590A (DET [] GP [] PEAK [] AVERAGE)

[*] ADVANTEST R3271 (100Hz-26.5GHz) (DET [] GP [] PEAK [] AVERAGE)

RADIATED: RESOLUTION BANDWIDTH

[] 10kHz [] 30kHz [*] 100kHz [] 120kHz [] 300kHz [] 1MHz

VIDEO BANDWIDTH

[] 3kHz [] 10kHz [] 30kHz [] 100kHz

CONDUCTED: RESOLUTION BANDWIDTH

[] 300kHz [*] 1MHz [] 3MHz

VIDEO BANDWIDTH

[] 100Hz [] 300Hz [] 1kHz [] 3kHz [] 10kHz

PRI AMP

[] HP85685A [] HP8449B [] NOT USED

ANTENNAS

[*] SCHWARZBEC BBA9106/VHA9103LE

[*] EMC0 LOGPERIODIC DIPOLE MODEL 3146

[] R/S LOOP ANTENNA HFH2-Z2 (10kHz-30MHz)

[] ADVANTEST LOG SPIRAL ANTENNA MODEL TR17205 (1-10GHz)

[*] EMC0 DOUBLE RIDGED GUIDE ANTENNA MODEL 3115 (1-18GHz)

COAXIAL CABLE

[*] 8D-2W 15m

[*] 23D-4A 30m, 8D-2W 15m [] OTHER ()

[] 23D-4A 30m, 8D-2W 8m [*] SUOPLEX 104 15m

ANTENNA LOCATION

[] 1m CLOSE FROM EUT [*] 3m METHOD STANDARD

[] 10m METHOD STANDARD [] OTHER ()

MEMO

LISN

[] CD1 8012-50-R-24-BNC [*] KYORITSU KNM-242C

TECHNICAL INFORMATION

DESCRIPTION FOR TEST SITE

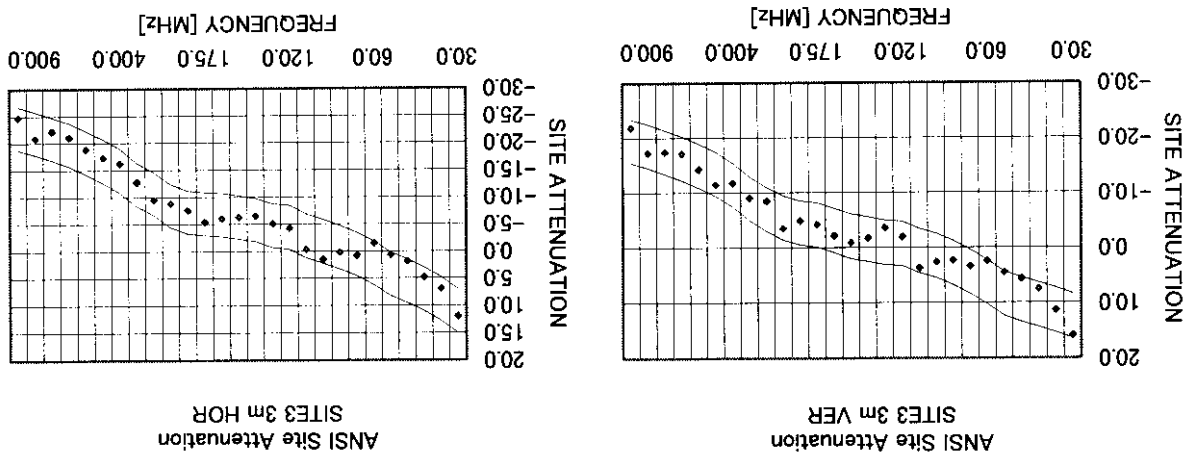
1. LOCATION: ZACTA TECHNOLOGY CORPORATION YONEZAWA TESTING CENTER
4149-7 Hachimanpara 5-chome, Yonezawa-shi Yamagata 992-1128 Japan
Phone: +81-238-28-2880 Fax: +81-238-28-2888

2. THE NUMBER OF SITE: Total: 3 sites #1 site
#2 site
#3 site
#4 site

3. THE TYPE OF SITE : Whether protected site

4. TEST TYPE : All site could perform as follows tests:
1) 3/10m Radiated emission test
2) Conducted emission test

5. NORMALIZED SITE ATTENUATION GRAPH



6. FACILITY FILING INFORMATION

FCC FINAL SITE FILING: January 29, 1997 (Final date)

S 2.948 Pursuant to ANSI C63.4-1992

#1 site
#2 site
#3 site
#4 site (Final date: June 18, 1998)

*3m/10m Radiated emission test & Conducted emission test could be performed on each site

VCCI FINAL SITE FILING: April 1, 1997 (Final date)

V-5/97.04 Pursuant to VCCI Regulations for Registration of
measurement facilities

#1 site R - 136 C - 132
#2 site R - 137 C - 133
#3 site R - 138 C - 134
#4 site R - 752 C - 775 (Final date: June 23, 1998)

NVLAP ACCREDITATION :

NVLAP CODE: 200306-0

NVLAP INFORMATION

NVLAP accreditation does not constitute any product endorsement by NVLAP or any agent
of the U.S. Government

TEST EQUIPMENT

Equipment	Manufacture	Model name / Serial No	Last Cal. date	Period
Spectrum Analyzer	HEWLETT-PACKARD Co	HP8568B / 2634A02803	Mar. 1998	1 year
RF Preamplifier	Anritsu	MH648A / M96157	Jun. 1998	1 year
RF Preamplifier	HEWLETT-PACKARD Co.	HP8449B / 3008A00589	Jan. 1998	1 year
Signal Generator	HEWLETT-PACKARD Co.	HP8657A / 2750U00157	May. 1998	1 year
Test Receiver	ROHDE & SCHWARZ	ESV / 89237	Apr. 1998	1 year
Test Receiver	ROHDE & SCHWARZ	ESH2 / 892237/012	Mar. 1998	1 year
Test Receiver	ROHDE & SCHWARZ	ESHS10 / 61360022	Feb. 1998	1 year
Test Receiver	Kyouritsu Electrical Works, Ltd.	KNM-5002/ 4N-187-2 KCV-6002/ 4-288-1	Aug. 1998	1 year
Test Receiver	Kyouritsu Electrical Works, Ltd.	KNM-5002/ 4N-187-10 KCV-6002/ 4-257-1	Oct. 1998	1 year
Test Receiver	Kyouritsu Electrical Works, Ltd.	KNM-5002/ 4N-195-2 KNM-6002/ 4-269-2	Jan. 1998	1 year
Test Receiver	Kyouritsu Electrical Works, Ltd.	KNM-2402/ 4N-192-1	Oct. 1998	1 year
Test Receiver	Kyouritsu Electrical Works, Ltd.	KNM-2402/ 4N-220-1	Aug. 1998	1 year
Line Impedance Stabilization Network	COMPLIANCE DESIGN Inc	8012-50-R-24- BNC/887121	Feb. 1998	1 year
Line Impedance Stabilization Network	Kyouritsu Electrical Works, Ltd.	KNM-242C / 8-875-19	Nov. 1997	1 year
Biconical Antenna	Schwarzbeck		May. 1998	1 year
Log Periodic Antenna	Electro-Mechanics Co.	3146 / 8901-2336	May. 1998	1 year
Log Periodic Antenna	Electro-Mechanics Co.	3146 / 8901-2332	May. 1998	1 year
Double Ridged Guide Antenna	Electro-Mechanics Co.	9408-4328	Nov. 1998	1 year

Calibration traceable to NIST or an equivalent standards reference organization.

DATE OF TESTS: 98/11/13 SITE: 3 CHART NO. - SHEET NO. 1
 COMPANY NAME: R I C O H MODEL: MP7040S MODE: R E A D M O D E
 COMMENT: S / N : E S O 2 0 4 S

POL. H/V	FREQ. [MHz]	READ. [dBuV]	FACTOR [dB]	NET [dBuV/m]	LIMITS [dBuV/m]	MARGIN [dB]	C O M M E N T
H	200.48	46.4	-11.0	35.4	43.5	-8.1	
H	225.19	40.8	-10.4	30.4	46.0	-15.6	
H	360.86	48.6	-12.5	36.1	46.0	-9.9	
V	443.52	41.9	-10.7	31.2	46.0	-14.8	
H	446.82	31.1	-10.7	20.4	46.0	-25.6	
V	651.53	40.8	-4.7	36.1	46.0	-9.9	
V	667.63	43.3	-4.2	39.1	46.0	-6.9	
H	751.75	41.3	-1.8	39.5	46.0	-6.5	
V	751.75	43.7	-1.8	41.9	46.0	-4.1	*
V	801.85	40.5	-1.0	39.5	46.0	-6.5	
V	1002.31	40.5	-8.3	32.2	54.0	-21.8	QP
V	1002.31	35.6	-8.3	27.3	54.0	-26.7	AVE
H	1052.40	44.2	-8.3	35.9	54.0	-18.1	QP
H	1052.40	39.2	-8.3	30.9	54.0	-23.1	AVE
H	1102.56	48.7	-7.8	40.9	54.0	-13.1	QP
H	1102.56	44.0	-7.8	36.2	54.0	-17.8	AVE

DATE OF TESTS: 98/11/13 SITE: 3 CHART NO. - SHEET NO. 2
COMPANY NAME: R I C O H MODEL: MP7040S MODE: W R I T E M O D E
COMMENT: S / N : E S O 2 0 4 S

POL. H/V	FREQ. [MHz]	READ. [dBuV]	FACTOR [dB]	NET [dBuV/m]	LIMITS [dBuV/m]	MARGIN [dB]	C O M M E N T
H	100.21	48.1	-17.6	30.5	43.5	-13.0	
H	150.36	47.6	-12.5	35.1	43.5	-8.4	
H	200.48	45.8	-11.0	34.8	43.5	-8.7	
H	360.86	44.6	-12.5	32.1	46.0	-13.9	
V	651.53	43.3	-4.7	38.6	46.0	-7.4	
H	751.75	43.0	-1.8	41.2	46.0	-4.8	
V	751.75	43.3	-1.8	41.5	46.0	-4.5	
V	801.85	42.8	-1.0	41.8	46.0	-4.2 *	

DATE OF TESTS : 98/11/13 SITE: 3 CHART NO. - SHEET NO. 3
 COMPANY NAME : R I C O H MODEL: MP7040S MODE: READ MODE
 COMMENT: S / N : E S O 2 0 4 S

FREQ. [MHz]	READ. A [dBuV]	READ. B [dBuV]	FACTOR [dB]	NET A [dBuV]	NET B [dBuV]	LIMITS [dBuV]	MARGIN [dB]	COMMENT
4.766	30.6	26.4	0.3	30.9	26.7	48.0	-17.1	
5.132	32.7	30.4	0.3	33.0	30.7	48.0	-15.0	*
5.238	32.2	30.3	0.3	32.5	30.6	48.0	-15.5	
16.814	25.6	24.7	0.6	26.2	25.3	48.0	-21.8	
16.919	23.9	24.5	0.6	24.5	25.1	48.0	-22.9	
29.647	30.9	30.3	1.2	32.1	31.5	48.0	-15.9	

DATE OF TESTS : 98/11/13 SITE: 3 CHART NO. - SHEET NO. 4
 COMPANY NAME : R I C O H MODEL: MP7040S MODE: WRITE MODE
 COMMENT: S / N : E S O 2 0 4 S

FREQ. [MHz]	READ.A [dBuV]	READ.B [dBuV]	FACTOR [dB]	NET A [dBuV]	NET B [dBuV]	LIMITS [dBuV]	MARGIN [dB]	COMMENT
4.925	32.0	27.2	0.3	32.3	27.5	48.0	-15.7	
5.292	31.7	31.2	0.3	32.0	31.5	48.0	-16.0	
5.657	30.3	30.8	0.3	30.6	31.1	48.0	-16.9	
16.031	26.4	27.0	0.6	27.0	27.6	48.0	-20.4	
16.840	23.6	24.8	0.6	24.2	25.4	48.0	-22.6	
29.861	33.4	33.0	1.2	34.6	34.2	48.0	-13.4 *	