JAPAN QUALITY ASSURANCE ORGANIZATION
KITA KANSAI TESTING CENTER
[illegible]

EMC EMISSION - TEST REPORT

JQA APPLICATION No.	:	KL8090438
Name of Product	:	HF/VHF Transceiver
Model/Type No.	:	IC-756PRO
FCC ID	:	AFJ IC 756PRO
Applicant	:	ICOM Incorporated
Address	:	1-6-19, Kuratsukuri, Kami, Hirano-ku, Osaka, Japan
Manufacturer	:	ICOM Incorporated
Address	:	1-6-19, Kuratsukuri, Kami, Hirano-ku, Osaka, Japan
Final Judgement	:	**Passed**

TEST RESULTS IN THIS REPORT are obtained in use of equipment that is traceable to Electro technical Lab. of MITI Japan and Communications Research Lab. of PTT Japan.

THE TEST RESULTS only responds to the test sample. This test report shall not be reproduced except in full.

JAPAN QUALITY ASSURANCE ORGANIZATION (JQA)
KITA KANSAI TESTING CENTER
EMC DIVISION

NVLAP®
LAB CODE: 200191-0

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TEST REGULATION

FCC Rules and Regulations Part 15 Subpart A and B (April 16, 1999)

O - Class A Digital Device
O - Class B Digital Device
● - Scanning Receiver

Test procedure:

Conducted emission, radiated emission and antenna-conducted power test were performed according to the procedures in ANSI C63.4-1992.

GENERAL INFORMATION

Test facility:

1) Test Facility located at Kita-Kansai : 1st and 2nd Open Sites (3 m Site)
Test Facility located at Kameoka Open Site (3, 10 and 30 m, on common plane)
FCC filing No. : 31040/SIT 1300F2

2) KITA-KANSAI TESTING CENTER is recognized under the National Voluntary Laboratory Accreditation Program for satisfactory compliance established in Title 15, Part 285 Code of Federal Regulations.
NVLAP Lab Code: 200191-0

Description of the Equipment Under Test (EUT):

1) Name	:	HF/VHF Transceiver
2) Model/Type No.	:	IC-756PRO
3) Product Type	:	Pre-Production (S/N: 00016)
4) Category	:	Scanning Receiver
5) EUT Authorization	:	O - Verification ● - Certification O - D.o.C.
6) Highest frequency used/generated	:	124.455 MHz
7) Power Rating	:	DC 13.8V (Power Supply IC-5P : AC 120V 60Hz)

Definitions for symbols used in this test report:

● - Black box indicates that the listed condition, standard or equipment is applicable for this Report.
O - Blank box indicates that the listed condition, standard or equipment is not applicable for this Report.

TEST CONDITIONS

AC Powerline Conducted Emission Measurement
was performed in the following test site.

Test location:

KITA-KANSAI Testing Center
7-7, Ishimaru, 1-Chome, Mino-Shi, Osaka, 562-0027, Japan
● - Shielded room
KAMEOKA EMC Branch
9-1, Ozaki, Inukanno, Nishibetsuin-Cho, Kameoka-Shi, Kyoto, 621-0126, Japan
O - Shielded room
O - On metal plane of open site

Used test instruments and sites:

Model No.	Device ID	Last Cal. Date	Cal. Interval
O - ESH 3	A - 1		
● - ESH 2	A - 2	May, 1999	1 Year
O - ESH 2	A - 3		
● - KNW-407	D - 6	February, 1999	1 Year
O - KNW-408	D - 11		
O - KNW-242	D - 7		
O - ESH3-Z5	D - 12		
O - KNW-341C	D - 13		
O - KNW-408	D - 14		
O - KNW-244C	D - 77		
O - KNW-408	D - 78		
O - ESH2-Z5	D - 10		
O - ESH2-Z3	D - 17		
O - 8568B	A - 10		
O - 8566B	A - 13		
O - 8593A	A - 15		
O - Cable	H - 7		
● - Cable	H - 8	February, 1999	1 Year

Environmental conditions:

Temperature: 24 °C Humidity: 58 %

Electromagnetic Field Radiated Emission Measurement
was performed in horizontal and vertical polarization, in the frequency range of 30 MHz - 1000 MHz, in the following test site.

Test location:

KITA-KANSAI Testing Center
7-7, Ishimaru, 1-Chome, Mino-Shi, Osaka, 562-0027, Japan
● - 1st site (3 meters)
O - 2nd site (3 meters)
KAMEOKA EMC Branch
9-1, Ozaki, Inukanno, Nishibetsuin-Cho, Kameoka-Shi, Kyoto, 621-0126, Japan
O - 3 meters
O - 10 meters

Validation of Site Attenuation:

1) Last Confirmed Date : November 24, 1998
2) Interval : 1 Year

Used test instruments:

Model No.	Device ID	Last Cal. Date	Cal. Interval
● - ESV/ESV-Z3	A - 7 / A - 17	December, 1998	1 Year
O - ESV/ESV-Z3	A - 6 / A - 18		
O - ESV/ESV-Z3	A - 4 / A - 20		
O - ESV/ESV-Z3	A - 8 / A - 19		
● - KBA-511A	C - 12	November, 1998	1 Year
● - KBA-611	C - 22	November, 1998	1 Year
O - KBA-511A	C - 13		
O - KBA-611	C - 19		
O - KBA-511A	C - 11		
O - KBA-611	C - 21		
O - Cable	H - 1		
O - Cable	H - 2		
● - Cable	H - 5	November, 1998	1 Year
O - Cable	H - 6		

Environmental conditions:

Temperature: 23 °C Humidity: 48 %

Antenna-Conducted Power Measurement
was performed in the frequency range of 30 MHz - 1000 MHz, in the following test site.

Test location:

KITA-KANSAI Testing Center
7-7, Ishimaru, 1-Chome, Mino-Shi, Osaka, 562-0027, Japan
● - Shielded room
KAMEOKA EMC Branch
9-1, Ozaki, Inukanno, Nishibetsuin-Cho, Kameoka-Shi, Kyoto, 621-0126, Japan
O - Shielded room

Used test instruments:

Model No.	Device ID	Last Cal. Date	Cal. Interval
O - 8566B	A - 13		
O - 8593A	A - 15		
● - ESV	A - 4	August, 1999	1 Year
O - LSG-221	B - 15		
O - 216/1	B - 16		
O - MP614A	D - 56		
O - 12B50/75	D - 55		
O - 12N50/75B	D - 72		
● - 2-10	D - 40	June, 1999	1 Year
O - 1506A	D - 21		
● - Cable	C - 41 - 9	June, 1999	1 Year

Environmental conditions:

Temperature: 23 °C Humidity: 55 %

CONFIGURATION OF EUT

The Equipment Under Test (EUT) consists of:

Description	Applicant (Manufacturer)	Model No. (Serial No.)	FCC ID
HF/VHF Transceiver	ICOM Incorporated (ICOM Incorporated)	IC-756PRO (00016)	AFJ IC-756PRO

The measurement was carried out with the following equipment connected:

Description	Grantee/Distributor	Model No. (Serial No.)	FCC ID
Power Supply	ICOM Incorporated	IC-5P (1793)	N/A
Antenna Tuner	ICOM Incorporated	AH-4 (0008)	N/A
External Speaker	ICOM Incorporated	SP-8 (013877)	N/A
Microphone	ICOM Incorporated	HM-12 (--)	N/A
Headphones	Pioneer Electronic Corporation	SE-M300 (--)	N/A
Telegraph Key	HI-MOUND ELECTRO CO.,	HK-706 (--)	N/A

Type of Interference Cable(s) and the AC Power Cord used with the EUT:

No.	Cable	Shielded	Ferrite Core	Length
1	EUT "PHONES" / Headphones	NO	NO	2.9 m
2	EUT "ELEC-KEY" / Telegraph Key	NO	NO	1.9 m
3	EUT "MIC" / Microphone	NO	NO	0.5 m
4	EUT "SEND" / No termination	YES	NO	1.0 m
5	EUT "ALC" / No termination	YES	NO	1.0 m
6	EUT "EXT SP" / External Speaker	NO	NO	2.0 m
7	EUT "REMOTE" / No termination	NO	NO	1.4 m
8	EUT "ACC(2)" / No termination	YES	NO	2.8 m
9	EUT "ACC(1)" / No termination	NO	NO	1.0 m
10	EUT "TUNER" / Antenna Tuner	YES	NO	4.3 m
11	EUT "RX ANT" / 50Ω termination	YES	NO	1.0 m
12	EUT "X-VERTER" / 50Ω termination	YES	NO	1.0 m
13	EUT "ANT 1" / 50Ω termination	--	--	--
14	EUT "ANT 2" / 50Ω termination	--	--	--
15	Earth Cable (EUT)	NO	NO	1.2 m
16	DC Power Cord (EUT / Power Supply)	NO	NO	3.0 m
17	Earth Cable (Power Supply)	NO	NO	1.4 m
18	AC Power Cord (Power Supply) with 2-pin plug	NO	NO	1.6 m

Operation - mode of the EUT:

1) Relation between receiving frequency and local frequency

No.	Receiving Frequency [MHz]	Local Frequency [MHz] 1st LO	2nd LO	3rd LO
1	0.0300 - 1.5990	64.4850 - 66.0540	64.0000	0.4910
2	1.6000 - 1.9990	66.0550 - 66.4540	64.0000	0.4910
3	2.0000 - 2.9990	66.4550 - 67.4540	64.0000	0.4910
4	3.0000 - 3.9990	67.4550 - 68.4540	64.0000	0.4910
5	4.0000 - 5.9990	68.4550 - 70.4540	64.0000	0.4910
6	6.0000 - 7.9990	70.4550 - 72.4540	64.0000	0.4910
7	8.0000 - 10.9990	72.4550 - 75.4540	64.0000	0.4910
8	11.0000 - 14.9990	75.4550 - 79.4540	64.0000	0.4910
9	15.0000 - 21.9990	79.4550 - 86.4540	64.0000	0.4910
10	22.0000 - 29.9990	86.4550 - 94.4540	64.0000	0.4910
11	30.0000 - 49.9990	94.4550 - 114.4540	64.0000	0.4910
12	50.0000 - 53.9990	114.4550 - 118.4540	64.0000	0.4910
13	54.0000 - 60.0000	118.4550 - 124.4550	64.0000	0.4910

2) Respective Intermediate Frequency : 1st IF / 64.455 MHz (Upper)
2nd IF / 0.455 MHz (Lower)
3rd IF / 0.036 MHz (Upper)

3) Type of Antenna Terminal : ANT 1 / M-Type 50 Ω (Unbalanced)
ANT 2 / M-Type 50 Ω (Unbalanced)
RX ANT / RCA-Type 50 Ω (Unbalanced)

4) Receiving mode : AM

Test system:

The EUT has three ANT (ANT 1, ANT 2, RX ANT) ports, two ACC ports, a SEND port, an ALC port, a REMOTE port, a TUNER port, a X-VERTER port, a EXT SP port, a PHONES port, a MIC port, and a ELEC-KEY port.

Special accessories:

None

The used (generated) frequencies in the EUT:

MAIN CPU : 19.66 MHz
SUB CPU : 9.8304 MHz
LCD CONT : 20 MHz
PLL IC : 32 MHz
CTRL UNIT CPU : 6.144 MHz
DSP UNIT : 40 MHz, 24.575 MHz

EUT Modification

● - No modifications were conducted by JQA to achieve compliance to applied levels.

○ - To achieve compliance to applied levels, the following change(s) were made by JQA during the compliance test.

The modification(s) will be implemented in all production models of this equipment.

Applicant : N/A Date : N/A

Typed Name : N/A Position : N/A

Responsible Party

Responsible Party of Test Item(Product)

Responsible party :

Contact Person :

Signatory

TEST RESULTS

AC Powerline Conducted Emission 450 kHz - 30 MHz

The requirements are ● - Passed ○ - Not Passed

Min. limit margin 35.9 dB at 0.45 MHz

Max. limit exceeding _____ dB at _____ MHz

Uncertainty of measurement results + 2.1 dB(2σ) - 2.1 dB(2σ)

Remarks: _____

Electromagnetic Field Radiated Emission 30 MHz - 1000 MHz

The requirements are ● - Passed ○ - Not Passed

Min. limit margin 6.4 dB at 314.6 MHz

Max. limit exceeding _____ dB at _____ MHz

Uncertainty of measurement results + 4.1 dB(2σ) - 4.2 dB(2σ)

Remarks: _____

Antenna-Conducted Power 30 MHz - 1000 MHz

The requirements are ● - Passed ○ - Not Passed

Min. limit margin 19.0 dB at 343.362 MHz and 343.365 MHz

Max. limit exceeding _____ dB at _____ MHz

Uncertainty of measurement results + 2.3 dB(2σ) - 2.3 dB(2σ)

Remarks: _____

SUMMARY

GENERAL REMARKS :

The EUT was tested according to the requirements of FCC Rules and Regulations Part 15 Subpart A and B (April 16, 1999) under the test configuration, as shown in page 13.

The conclusion for the test items of which are required by the applied regulation is indicated under the final judgement.

FINAL JUDGEMENT :

The "as received" sample;

● - fulfill the test requirements of the regulation mentioned on page 3.

O - fulfill the test requirements of the regulation mentioned on page 3, but with certain qualifications.

O - doesn't fulfill the test regulation mentioned on page 3.

Begin of testing : October 7, 1999

End of testing : October 21, 1999

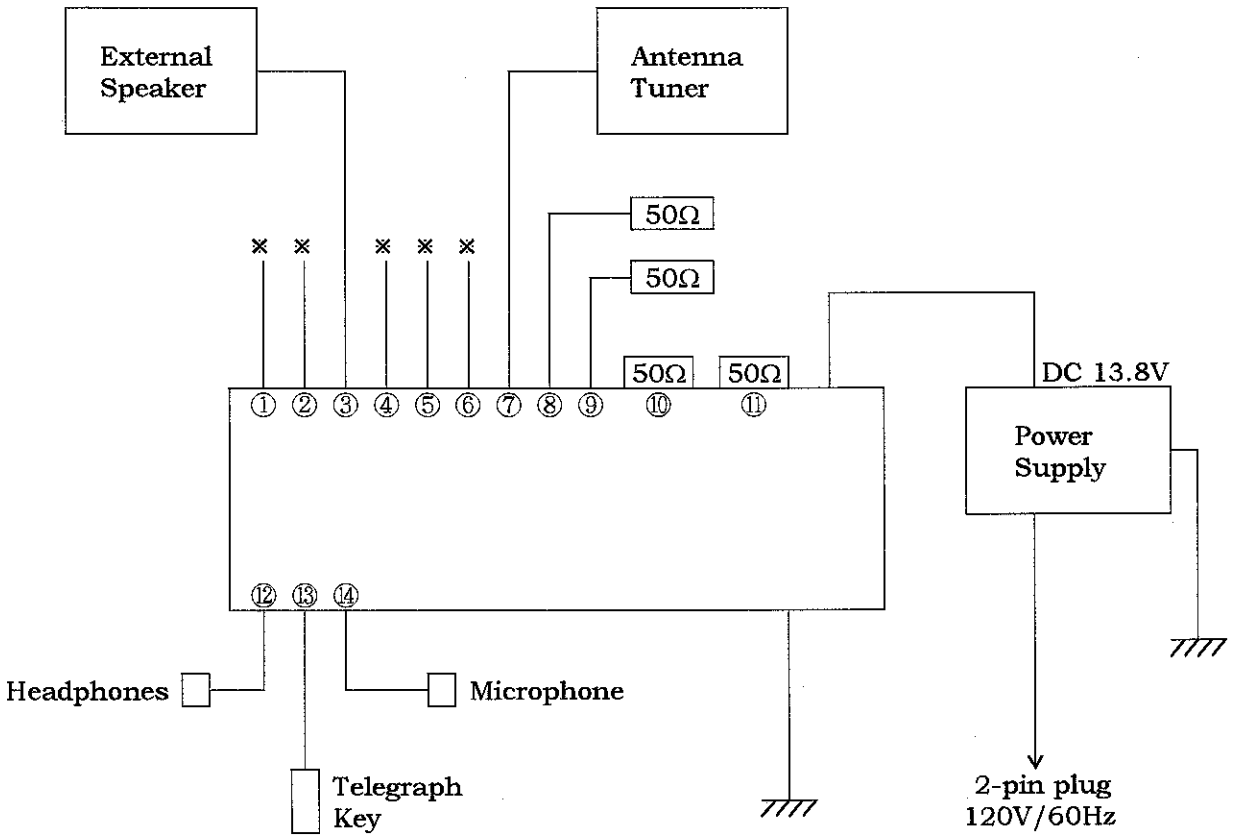
- JAPAN QUALITY ASSURANCE ORGANIZATION -

Approved Signatory :

Takashi Yamanaka
Manager
EMC Div.
JQA KITA-KANSAI Testing Center

Akio Hosoda
Project Manager
EMC Div.
JQA KITA-KANSAI Testing Center

Test System-Arrangement (Drawings)

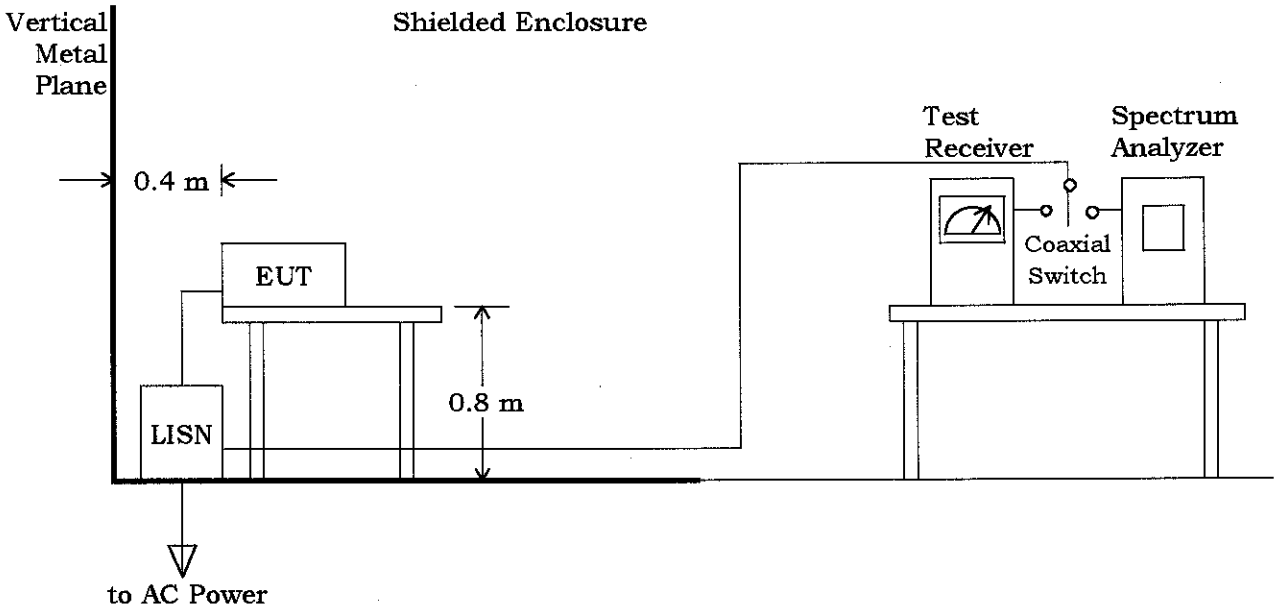


Note)
※ - No termination
① - SEND
② - ALC
③ - EXT SP
④ - REMOTE
⑤ - ACC(1)
⑥ - ACC(2)
⑦ - TUNER
⑧ - RX ANT
⑨ - X-VERTER
⑩ - ANT 1
⑪ - ANT 2
⑫ - PHONES
⑬ - ELEC-KEY
⑭ - MIC

Preliminary Test and Test-setup(Drawings)

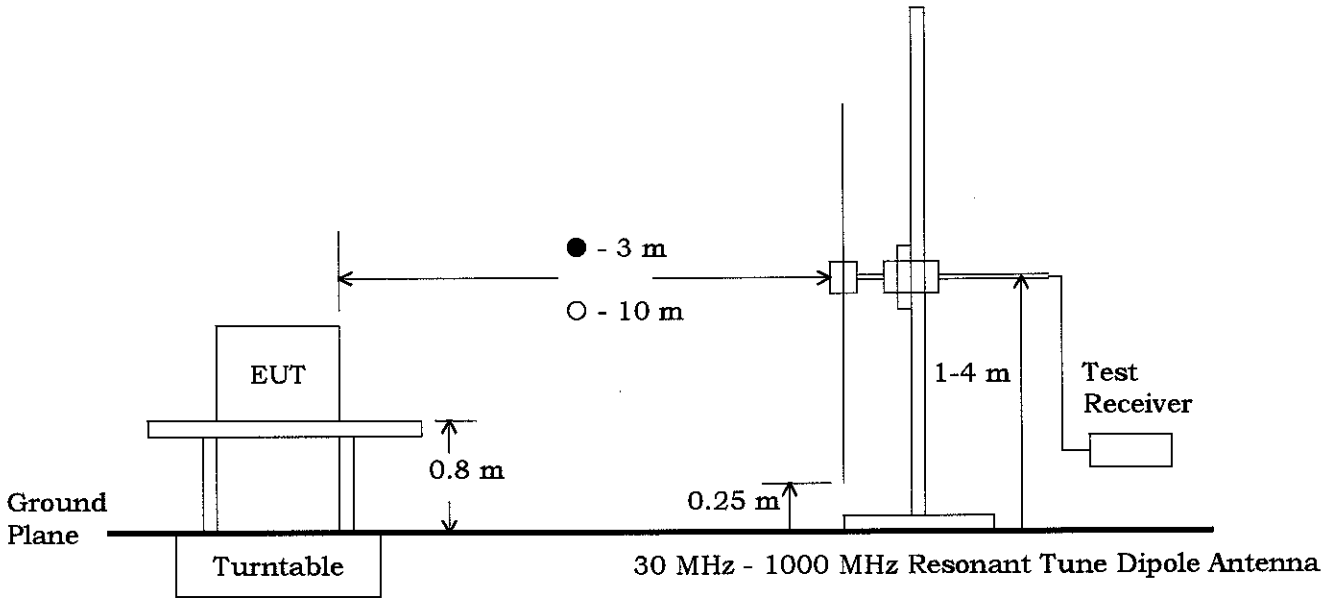
AC Powerline Conducted Emission 450 kHz - 30 MHz:

The preliminary test was performed according to the description of ANSI C63.4-1992 Sec.7.2.3 (Preliminary AC Powerline Conducted Emissions Tests) and Sec.6.2.1 (Tabletop Equipment Tests).
The preliminary test was carried out to investigate the frequency of the emission that has the highest amplitude relative to the limits within normal operating modes, cable positions, and a typical system configuration. In order to find out to the maximum emission, the preliminary test and a final test were performed in accordance with the following steps.
Step 1: One operation mode of the test system was setting.
Step 2: Using both of a spectrum analyzer and a test receiver, the emission's circumstance from the system was monitored in one of ten divided frequency bands of the specified frequency range (450 kHz - 30 MHz). The maximum emission in the band was found by changing the typical cable positions or cable manipulation under a typical system configuration and by selecting of current-carrying conductor. The level and the frequency at the one point which are regarded as relative high emission in the band was measured and recorded. This step was repeated until the ending frequency band.
Step 3: Return to step 1, if the other operation mode was possible to be setting.
Step 4: Based on the collected results, the operation mode produced the maximum emission was selected. The final test on the selected operation mode was performed. But if it was difficult to select the operation mode, the final tests on all operation modes were performed.
Step 5: Based on the same data, as result if the final measurement, at the worst point that has the highest amplitude relative to the limit the repeatability of the worst was reconfirmed.
The photographs of the test system setup on the worst point were taken and recorded.



Electromagnetic Field Radiated Emission 30 MHz - 1000 MHz:

The preliminary test was performed according to the description of ANSI C63.4-1992 Sec.8.3.1.1 (Preliminary Radiated Emissions Tests) and Sec.6.2.1 (Tabletop Equipment Tests).
The preliminary test was carried out to investigate the frequency of the emission that has the highest amplitude relative to the limits within normal operating modes, cable positions, and a typical system configuration. In order to find out to the maximum emission, the preliminary test and a final test were performed in accordance with the following steps.
Step 1: One operation mode of the test system was setting.
Step 2: Using a test receiver and a test antenna probe, the significant frequency of the emission's circumstance from the test system were investigated. These data were recorded every one of 22 divided bands in the specified frequency band (30 MHz - 1000 MHz).
Step 3: Using a test receiver and a resonant tuned dipole antenna, the emission's circumstance from the test system was measured in according with ANSI C63.4-1992 Sec.8.3.1.2 (Final Radiated Emissions Tests) at each frequency which was found the higher emission referred to level vs. frequency on the list and which was measured by the resonant tuned dipole antenna. The maximum emission was found by changing the cable positions or cable manipulation under a typical system configuration.
Step 4: Return to step 1, if the other operation mode was possible to be setting.
Step 5: The worst result was reported arranging data of which was obtained and performed by one or plural operation modes as the final test.
At the worst point that has the highest amplitude relative to the limit the repeatability of the level was reconfirmed. The photographs of the tests system setup on the worst point were taken and recorded.

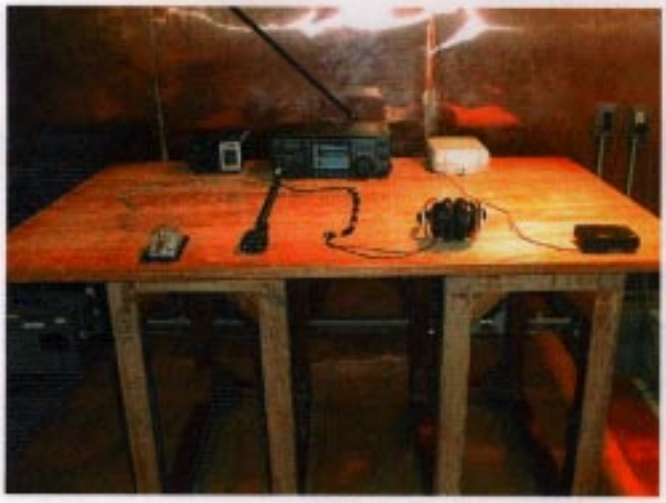


Antenna-Conducted Power 30 MHz - 1000 MHz:

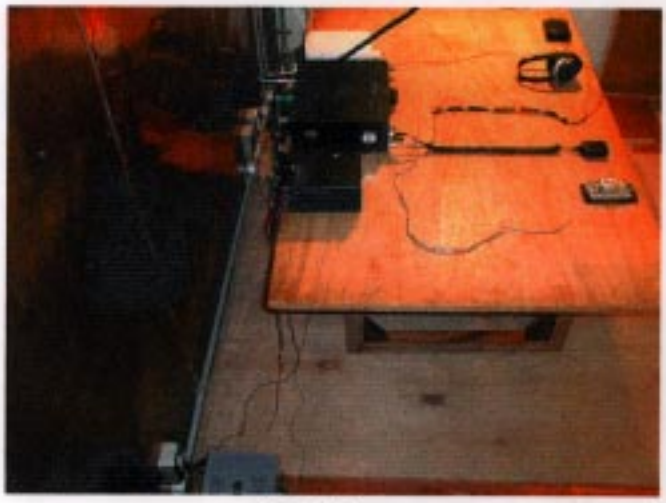
The test was performed according to the description of ANSI C63.4-1992 Sec.12.1.5 (Antenna-Conducted Power Measurements).

Test-Setup (Photographs) at worst case

Conducted Emission 450kHz - 30MHz:



Front View



Side View

Radiated Emission 30MHz - 1000MHz:

Front View

Rear View

AC Powerline Conducted Emission Measurement

Scanning Receiver

Test Date: October 7, 1999
Temp.: 24 ℃ ; Humi.: 58 %

Receiving Frequency : 30.000 MHz

Frequency [MHz]	Correction Factor [dB]	Meter Readings [dB(μV)] VA QP	VA AV	VB QP	VB AV	Limits [dB(μV)]	Results [dB(μV)] QP	Results [dB(μV)] AV	Margin [dB]	Remarks (Note 2)
0.45	0.1	<10.0	-	12.0	-	48.0	12.1	-	+35.9	A
0.83	0.1	<10.0	-	<10.0	-	48.0	<10.1	-	>+37.9	A
1.40	0.2	<10.0	-	<10.0	-	48.0	<10.2	-	>+37.8	A
2.00	0.2	<10.0	-	<10.0	-	48.0	<10.2	-	>+37.8	A
3.50	0.3	<10.0	-	<10.0	-	48.0	<10.3	-	>+37.7	A
6.00	0.4	<10.0	-	<10.0	-	48.0	<10.4	-	>+37.6	A
10.00	0.5	<10.0	-	<10.0	-	48.0	<10.5	-	>+37.5	A
13.30	0.6	<10.0	-	<10.0	-	48.0	<10.6	-	>+37.4	A
24.58	0.9	<10.0	-	<10.0	-	48.0	<10.9	-	>+37.1	A
30.00	0.9	<10.0	-	<10.0	-	48.0	<10.9	-	>+37.1	A

Sample of calculated result at 0.45 MHz, as the Minimum Margin point:

	Correction Factor	=	0.1 dB
+)	Meter Reading	=	12.0 dB(μV)
	Result	=	12.1 dB(μV)

Minimum Margin : 48.0 - 12.1 = 35.9(dB)
The point shown on "___ " is the Minimum Margin Point.

Note 1:
1)The correction factors includes the LISN insertion loss and the cable loss.

Remarks:

Note 2	Detector Function	IF Bandwidth
A	CISPR QP	9 kHz
B	Average	10 kHz

Tester Signature : A. Hosoda

Type Name : Akio Hosoda

Electromagnetic Field Radiated Emission Measurement

Scanning Receiver

Test Date: October 21, 1999
Temp.: 23 ℃ ; Humi.: 48 %

Tuning range : 0.030 MHz - 1.599 MHz

Frequency to which tuned [MHz]	Measured Frequency [MHz]	Antenna Factor [dB(1/m)]	Corr. Factor [dB]	Meter Readings [dB(μV)] Hori.	Meter Readings [dB(μV)] Vert.	Limits [dB(μV/m)]	Results [dB(μV/m)] Hori.	Results [dB(μV/m)] Vert.	Margin [dB]	Remarks (Note 2)
0.030	64.485	5.1	1.5	< 0.0	< 0.0	40.0	< 6.6	< 6.6	>+33.4	A
	128.970	11.1	2.2	< 0.0	< 0.0	43.5	<13.3	<13.3	>+30.2	A
	193.455	14.6	2.7	< 0.0	< 0.0	43.5	<17.3	<17.3	>+26.2	A
	257.940	17.1	3.3	< 0.0	< 0.0	46.0	<20.4	<20.4	>+25.6	A
	322.425	19.1	3.7	7.0	1.0	46.0	29.8	23.8	+16.2	A
	386.910	20.8	4.1	<-5.0	<-5.0	46.0	<19.9	<19.9	>+26.1	A
	451.395	22.3	4.5	<-5.0	<-5.0	46.0	<21.8	<21.8	>+24.2	A
	515.880	23.6	4.8	<-5.0	<-5.0	46.0	<23.4	<23.4	>+22.6	A
	580.365	24.7	5.1	<-5.0	<-5.0	46.0	<24.8	<24.8	>+21.2	A
	644.850	25.7	5.4	<-5.0	<-5.0	46.0	<26.1	<26.1	>+19.9	A
	709.335	26.6	5.7	<-10.0	<-10.0	46.0	<22.3	<22.3	>+23.7	A
	773.820	27.5	6.0	<-10.0	<-10.0	46.0	<23.5	<23.5	>+22.5	A
	838.305	28.2	6.4	<-10.0	<-10.0	46.0	<24.6	<24.6	>+21.4	A
	902.790	28.9	6.7	<-10.0	<-10.0	46.0	<25.6	<25.6	>+20.4	A
	967.275	29.6	7.1	<-10.0	<-10.0	54.0	<26.7	<26.7	>+27.3	A
1.599	66.054	5.3	1.5	< 0.0	< 0.0	40.0	< 6.8	< 6.8	>+33.2	A
	132.108	11.3	2.2	< 0.0	< 0.0	43.5	<13.5	<13.5	>+30.0	A
	198.162	14.8	2.8	< 0.0	< 0.0	43.5	<17.6	<17.6	>+25.9	A
	264.216	17.3	3.3	< 0.0	< 0.0	46.0	<20.6	<20.6	>+25.4	A
	330.270	19.3	3.8	5.0	-1.0	46.0	28.1	22.1	+17.9	A
	396.324	21.1	4.2	<-5.0	<-5.0	46.0	<20.3	<20.3	>+25.7	A
	462.378	22.5	4.5	<-5.0	<-5.0	46.0	<22.0	<22.0	>+24.0	A
	528.432	23.8	4.9	<-5.0	<-5.0	46.0	<23.7	<23.7	>+22.3	A
	594.486	24.9	5.2	<-5.0	<-5.0	46.0	<25.1	<25.1	>+20.9	A
	660.540	25.9	5.5	<-5.0	<-5.0	46.0	<26.4	<26.4	>+19.6	A
	726.594	26.8	5.8	<-10.0	<-10.0	46.0	<22.6	<22.6	>+23.4	A
	792.648	27.7	6.1	<-10.0	<-10.0	46.0	<23.8	<23.8	>+22.2	A
	858.702	28.4	6.5	<-10.0	<-10.0	46.0	<24.9	<24.9	>+21.1	A
	924.756	29.2	6.8	<-10.0	<-10.0	46.0	<26.0	<26.0	>+20.0	A
	990.810	29.8	7.2	<-10.0	<-10.0	54.0	<27.0	<27.0	>+27.0	A

Tuning range : 1.600 MHz - 1.999 MHz

Frequency to which tuned [MHz]	Measured Frequency [MHz]	Antenna Factor [dB(1/m)]	Corr. Factor [dB]	Meter Readings [dB(μV)] Hori.	Meter Readings [dB(μV)] Vert.	Limits [dB(μV/m)]	Results [dB(μV/m)] Hori.	Results [dB(μV/m)] Vert.	Margin [dB]	Remarks (Note 2)
1.800	66.255	5.3	1.5	< 0.0	< 0.0	40.0	< 6.8	< 6.8	>+33.2	A
	132.510	11.3	2.2	< 0.0	< 0.0	43.5	<13.5	<13.5	>+30.0	A
	198.765	14.9	2.8	< 0.0	< 0.0	43.5	<17.7	<17.7	>+25.8	A
	265.020	17.4	3.3	< 0.0	< 0.0	46.0	<20.7	<20.7	>+25.3	A
	331.275	19.3	3.8	6.0	0.0	46.0	29.1	23.1	+16.9	A
	397.530	21.1	4.2	<-5.0	<-5.0	46.0	<20.3	<20.3	>+25.7	A
	463.785	22.6	4.5	<-5.0	<-5.0	46.0	<22.1	<22.1	>+23.9	A
	530.040	23.8	4.9	<-5.0	<-5.0	46.0	<23.7	<23.7	>+22.3	A
	596.295	25.0	5.2	<-5.0	<-5.0	46.0	<25.2	<25.2	>+20.8	A
	662.550	26.0	5.5	<-5.0	<-5.0	46.0	<26.5	<26.5	>+19.5	A
	728.805	26.9	5.8	<-10.0	<-10.0	46.0	<22.7	<22.7	>+23.3	A
	795.060	27.7	6.1	<-10.0	<-10.0	46.0	<23.8	<23.8	>+22.2	A
	861.315	28.5	6.5	<-10.0	<-10.0	46.0	<25.0	<25.0	>+21.0	A
	927.570	29.2	6.8	<-10.0	<-10.0	46.0	<26.0	<26.0	>+20.0	A
	993.825	29.8	7.3	<-10.0	<-10.0	54.0	<27.1	<27.1	>+26.9	A

Tuning range : 2.000 MHz - 2.999 MHz

Frequency to which tuned [MHz]	Measured Frequency [MHz]	Antenna Factor [dB(1/m)]	Corr. Factor [dB]	Meter Readings [dB(μV)] Hori.	Meter Readings [dB(μV)] Vert.	Limits [dB(μV/m)]	Results [dB(μV/m)] Hori.	Results [dB(μV/m)] Vert.	Margin [dB]	Remarks (Note 2)
2.000	66.455	5.4	1.6	< 0.0	< 0.0	40.0	< 7.0	< 7.0	>+33.0	A
	132.910	11.4	2.2	< 0.0	< 0.0	43.5	<13.6	<13.6	>+29.9	A
	199.365	14.9	2.8	< 0.0	< 0.0	43.5	<17.7	<17.7	>+25.8	A
	265.820	17.4	3.3	< 0.0	< 0.0	46.0	<20.7	<20.7	>+25.3	A
	332.275	19.4	3.8	4.0	-1.0	46.0	27.2	22.2	+18.8	A
	398.730	21.1	4.2	<-5.0	<-5.0	46.0	<20.3	<20.3	>+25.7	A
	465.185	22.6	4.5	<-5.0	<-5.0	46.0	<22.1	<22.1	>+23.9	A
	531.640	23.9	4.9	<-5.0	<-5.0	46.0	<23.8	<23.8	>+22.2	A
	598.095	25.0	5.2	<-5.0	<-5.0	46.0	<25.2	<25.2	>+20.8	A
	664.550	26.0	5.5	<-5.0	<-5.0	46.0	<26.5	<26.5	>+19.5	A
	731.005	26.9	5.8	<-10.0	<-10.0	46.0	<22.7	<22.7	>+23.3	A
	797.460	27.7	6.2	<-10.0	<-10.0	46.0	<23.9	<23.9	>+22.1	A
	863.915	28.5	6.5	<-10.0	<-10.0	46.0	<25.0	<25.0	>+21.0	A
	930.370	29.2	6.9	<-10.0	<-10.0	46.0	<26.1	<26.1	>+19.9	A
	996.825	29.9	7.3	<-10.0	<-10.0	54.0	<27.2	<27.2	>+26.8	A
2.999	67.454	5.5	1.6	< 0.0	< 0.0	40.0	< 7.1	< 7.1	>+32.9	A
	134.908	11.5	2.2	< 0.0	< 0.0	43.5	<13.7	<13.7	>+29.8	A
	202.362	15.0	2.8	< 0.0	< 0.0	43.5	<17.8	<17.8	>+25.7	A
	269.816	17.5	3.3	< 0.0	< 0.0	46.0	<20.8	<20.8	>+25.2	A
	337.270	19.5	3.8	3.0	-1.0	46.0	26.3	22.3	+19.7	A
	404.724	21.3	4.2	<-5.0	<-5.0	46.0	<20.5	<20.5	>+25.5	A
	472.178	22.7	4.6	<-5.0	<-5.0	46.0	<22.3	<22.3	>+23.7	A
	539.632	24.0	4.9	<-5.0	<-5.0	46.0	<23.9	<23.9	>+22.1	A
	607.086	25.1	5.2	<-5.0	<-5.0	46.0	<25.3	<25.3	>+20.7	A
	674.540	26.1	5.6	<-5.0	<-5.0	46.0	<26.7	<26.7	>+19.3	A
	741.994	27.0	5.9	<-10.0	<-10.0	46.0	<22.9	<22.9	>+23.1	A
	809.448	27.9	6.2	<-10.0	<-10.0	46.0	<24.1	<24.1	>+21.9	A
	876.902	28.6	6.6	<-10.0	<-10.0	46.0	<25.2	<25.2	>+20.8	A
	944.356	29.4	6.9	<-10.0	<-10.0	46.0	<26.3	<26.3	>+19.7	A

Tuning range : 3.000 MHz - 3.999 MHz

Frequency to which tuned [MHz]	Measured Frequency [MHz]	Antenna Factor [dB(1/m)]	Corr. Factor [dB]	Meter Readings [dB(μV)] Hori.	Meter Readings [dB(μV)] Vert.	Limits [dB(μV/m)]	Results [dB(μV/m)] Hori.	Results [dB(μV/m)] Vert.	Margin [dB]	Remarks (Note 2)
3.000	67.455	5.5	1.6	< 0.0	< 0.0	40.0	< 7.1	< 7.1	>+32.9	A
	134.910	11.5	2.2	< 0.0	< 0.0	43.5	<13.7	<13.7	>+29.8	A
	202.365	15.0	2.8	< 0.0	< 0.0	43.5	<17.8	<17.8	>+25.7	A
	269.820	17.5	3.3	< 0.0	< 0.0	46.0	<20.8	<20.8	>+25.2	A
	337.275	19.5	3.8	4.0	-1.0	46.0	27.3	22.3	+18.7	A
	404.730	21.3	4.2	<-5.0	<-5.0	46.0	<20.5	<20.5	>+25.5	A
	472.185	22.7	4.6	<-5.0	<-5.0	46.0	<22.3	<22.3	>+23.7	A
	539.640	24.0	4.9	<-5.0	<-5.0	46.0	<23.9	<23.9	>+22.1	A
	607.095	25.1	5.2	<-5.0	<-5.0	46.0	<25.3	<25.3	>+20.7	A
	674.550	26.1	5.6	<-5.0	<-5.0	46.0	<26.7	<26.7	>+19.3	A
	742.005	27.0	5.9	<-10.0	<-10.0	46.0	<22.9	<22.9	>+23.1	A
	809.460	27.9	6.2	<-10.0	<-10.0	46.0	<24.1	<24.1	>+21.9	A
	876.915	28.6	6.6	<-10.0	<-10.0	46.0	<25.2	<25.2	>+20.8	A
	944.370	29.4	6.9	<-10.0	<-10.0	46.0	<26.3	<26.3	>+19.7	A
3.999	68.454	5.6	1.6	< 0.0	< 0.0	40.0	< 7.2	< 7.2	>+32.8	A
	136.908	11.6	2.2	< 0.0	< 0.0	43.5	<13.8	<13.8	>+29.7	A
	205.362	15.2	2.8	< 0.0	< 0.0	43.5	<18.0	<18.0	>+25.5	A
	273.816	17.6	3.4	< 0.0	< 0.0	46.0	<21.0	<21.0	>+25.0	A
	342.270	19.7	3.8	2.0	<-3.0	46.0	25.5	<20.5	+20.5	A
	410.724	21.4	4.2	<-5.0	<-5.0	46.0	<20.6	<20.6	>+25.4	A
	479.178	22.9	4.6	<-5.0	<-5.0	46.0	<22.5	<22.5	>+23.5	A
	547.632	24.1	5.0	<-5.0	<-5.0	46.0	<24.1	<24.1	>+21.9	A
	616.086	25.3	5.3	<-5.0	<-5.0	46.0	<25.6	<25.6	>+20.4	A
	684.540	26.3	5.6	<-5.0	<-5.0	46.0	<26.9	<26.9	>+19.1	A
	752.994	27.2	5.9	<-10.0	<-10.0	46.0	<23.1	<23.1	>+22.9	A
	821.448	28.0	6.3	<-10.0	<-10.0	46.0	<24.3	<24.3	>+21.7	A
	889.902	28.8	6.6	<-10.0	<-10.0	46.0	<25.4	<25.4	>+20.6	A
	958.356	29.5	7.0	<-10.0	<-10.0	46.0	<26.5	<26.5	>+19.5	A

Tuning range : 4.000 MHz - 5.999 MHz

Frequency to which tuned [MHz]	Measured Frequency [MHz]	Antenna Factor [dB(1/m)]	Corr. Factor [dB]	Meter Readings [dB(μV)] Hori.	Meter Readings [dB(μV)] Vert.	Limits [dB(μV/m)]	Results [dB(μV/m)] Hori.	Results [dB(μV/m)] Vert.	Margin [dB]	Remarks (Note 2)
4.000	68.455	5.6	1.6	< 0.0	< 0.0	40.0	< 7.2	< 7.2	>+32.8	A
	136.910	11.6	2.2	< 0.0	< 0.0	43.5	<13.8	<13.8	>+29.7	A
	205.365	15.2	2.8	< 0.0	< 0.0	43.5	<18.0	<18.0	>+25.5	A
	273.820	17.6	3.4	< 0.0	< 0.0	46.0	<21.0	<21.0	>+25.0	A
	342.275	19.7	3.8	4.0	<-1.0	46.0	27.5	<22.5	+18.5	A
	410.730	21.4	4.2	<-5.0	<-5.0	46.0	<20.6	<20.6	>+25.4	A
	479.185	22.9	4.6	<-5.0	<-5.0	46.0	<22.5	<22.5	>+23.5	A
	547.640	24.1	5.0	<-5.0	<-5.0	46.0	<24.1	<24.1	>+21.9	A
	616.095	25.3	5.3	<-5.0	<-5.0	46.0	<25.6	<25.6	>+20.4	A
	684.550	26.3	5.6	<-5.0	<-5.0	46.0	<26.9	<26.9	>+19.1	A
	753.005	27.2	5.9	<-10.0	<-10.0	46.0	<23.1	<23.1	>+22.9	A
	821.460	28.0	6.3	<-10.0	<-10.0	46.0	<24.3	<24.3	>+21.7	A
	889.915	28.8	6.6	<-10.0	<-10.0	46.0	<25.4	<25.4	>+20.6	A
	958.370	29.5	7.0	<-10.0	<-10.0	46.0	<26.5	<26.5	>+19.5	A
5.999	70.454	5.9	1.6	< 0.0	< 0.0	40.0	< 7.5	< 7.5	>+32.5	A
	140.908	11.9	2.3	< 0.0	< 0.0	43.5	<14.2	<14.2	>+29.3	A
	211.362	15.4	2.9	< 0.0	< 0.0	43.5	<18.3	<18.3	>+25.2	A
	281.816	17.9	3.4	< 0.0	< 0.0	46.0	<21.3	<21.3	>+24.7	A
	352.270	19.9	3.9	<-5.0	<-5.0	46.0	<18.8	<18.8	>+27.2	A
	422.724	21.7	4.3	<-5.0	<-5.0	46.0	<21.0	<21.0	>+25.0	A
	493.178	23.1	4.7	<-5.0	<-5.0	46.0	<22.8	<22.8	>+23.2	A
	563.632	24.4	5.0	-3.0	<-5.0	46.0	26.4	<24.4	+19.6	A
	634.086	25.5	5.4	<-5.0	<-5.0	46.0	<25.9	<25.9	>+20.1	A
	704.540	26.6	5.7	<-10.0	<-10.0	46.0	<22.3	<22.3	>+23.7	A
	774.994	27.5	6.0	<-10.0	<-10.0	46.0	<23.5	<23.5	>+22.5	A
	845.448	28.3	6.4	<-10.0	<-10.0	46.0	<24.7	<24.7	>+21.3	A
	915.902	29.1	6.8	<-10.0	<-10.0	46.0	<25.9	<25.9	>+20.1	A
	986.356	29.8	7.2	<-10.0	<-10.0	54.0	<27.0	<27.0	>+27.0	A

Tuning range : 6.000 MHz - 7.999 MHz

Frequency to which tuned [MHz]	Measured Frequency [MHz]	Antenna Factor [dB(1/m)]	Corr. Factor [dB]	Meter Readings [dB(μV)] Hori.	Meter Readings [dB(μV)] Vert.	Limits [dB(μV/m)]	Results [dB(μV/m)] Hori.	Results [dB(μV/m)] Vert.	Margin [dB]	Remarks (Note 2)
6.000	70.455	5.9	1.6	< 0.0	< 0.0	40.0	< 7.5	< 7.5	>+32.5	A
	140.910	11.9	2.3	< 0.0	< 0.0	43.5	<14.2	<14.2	>+29.3	A
	211.365	15.4	2.9	< 0.0	< 0.0	43.5	<18.3	<18.3	>+25.2	A
	281.820	17.9	3.4	< 0.0	< 0.0	46.0	<21.3	<21.3	>+24.7	A
	352.275	19.9	3.9	<-5.0	<-5.0	46.0	<18.8	<18.8	>+27.2	A
	422.730	21.7	4.3	<-5.0	<-5.0	46.0	<21.0	<21.0	>+25.0	A
	493.185	23.1	4.7	<-5.0	<-5.0	46.0	<22.8	<22.8	>+23.2	A
	563.640	24.4	5.0	<-5.0	<-5.0	46.0	<24.4	<24.4	>+21.6	A
	634.095	25.5	5.4	<-5.0	<-5.0	46.0	<25.9	<25.9	>+20.1	A
	704.550	26.6	5.7	<-10.0	<-10.0	46.0	<22.3	<22.3	>+23.7	A
	775.005	27.5	6.0	<-10.0	<-10.0	46.0	<23.5	<23.5	>+22.5	A
	845.460	28.3	6.4	<-10.0	<-10.0	46.0	<24.7	<24.7	>+21.3	A
	915.915	29.1	6.8	<-10.0	<-10.0	46.0	<25.9	<25.9	>+20.1	A
	986.370	29.8	7.2	<-10.0	<-10.0	54.0	<27.0	<27.0	>+27.0	A
7.999	72.454	6.1	1.6	< 0.0	< 0.0	40.0	< 7.7	< 7.7	>+32.3	A
	144.908	12.1	2.3	< 0.0	< 0.0	43.5	<14.4	<14.4	>+29.1	A
	217.362	15.6	2.9	< 0.0	< 0.0	46.0	<18.5	<18.5	>+27.5	A
	289.816	18.1	3.5	< 0.0	< 0.0	46.0	<21.6	<21.6	>+24.4	A
	362.270	20.2	4.0	<-5.0	<-5.0	46.0	<19.2	<19.2	>+26.8	A
	434.724	21.9	4.4	<-5.0	<-5.0	46.0	<21.3	<21.3	>+24.7	A
	507.178	23.4	4.8	<-5.0	<-5.0	46.0	<23.2	<23.2	>+22.8	A
	579.632	24.7	5.1	<-5.0	<-5.0	46.0	<24.8	<24.8	>+21.2	A
	652.086	25.8	5.5	<-5.0	<-5.0	46.0	<26.3	<26.3	>+19.7	A
	724.540	26.8	5.8	<-10.0	<-10.0	46.0	<22.6	<22.6	>+23.4	A
	796.994	27.7	6.1	<-10.0	<-10.0	46.0	<23.8	<23.8	>+22.2	A
	869.448	28.6	6.5	<-10.0	<-10.0	46.0	<25.1	<25.1	>+20.9	A
	941.902	29.3	6.9	<-10.0	<-10.0	46.0	<26.2	<26.2	>+19.8	A

Tuning range : 8.000 MHz - 10.999 MHz

Frequency to which tuned [MHz]	Measured Frequency [MHz]	Antenna Factor [dB(1/m)]	Corr. Factor [dB]	Meter Readings [dB(μV)] Hori.	Meter Readings [dB(μV)] Vert.	Limits [dB(μV/m)]	Results [dB(μV/m)] Hori.	Results [dB(μV/m)] Vert.	Margin [dB]	Remarks (Note 2)
8.000	72.455	6.1	1.6	< 0.0	< 0.0	40.0	< 7.7	< 7.7	>+32.3	A
	144.910	12.1	2.3	< 0.0	< 0.0	43.5	<14.4	<14.4	>+29.1	A
	217.365	15.6	2.9	< 0.0	< 0.0	46.0	<18.5	<18.5	>+27.5	A
	289.820	18.1	3.5	< 0.0	< 0.0	46.0	<21.6	<21.6	>+24.4	A
	362.275	20.2	4.0	<-5.0	<-5.0	46.0	<19.2	<19.2	>+26.8	A
	434.730	21.9	4.4	<-5.0	<-5.0	46.0	<21.3	<21.3	>+24.7	A
	507.185	23.4	4.8	<-5.0	<-5.0	46.0	<23.2	<23.2	>+22.8	A
	579.640	24.7	5.1	<-5.0	<-5.0	46.0	<24.8	<24.8	>+21.2	A
	652.095	25.8	5.5	<-5.0	<-5.0	46.0	<26.3	<26.3	>+19.7	A
	724.550	26.8	5.8	<-10.0	<-10.0	46.0	<22.6	<22.6	>+23.4	A
	797.005	27.7	6.1	<-10.0	<-10.0	46.0	<23.8	<23.8	>+22.2	A
	869.460	28.6	6.5	<-10.0	<-10.0	46.0	<25.1	<25.1	>+20.9	A
	941.915	29.3	6.9	<-10.0	<-10.0	46.0	<26.2	<26.2	>+19.8	A
10.999	75.454	6.5	1.6	< 0.0	< 0.0	40.0	< 8.1	< 8.1	>+31.9	A
	150.908	12.5	2.4	< 0.0	< 0.0	43.5	<14.9	<14.9	>+28.6	A
	226.362	16.0	3.0	< 0.0	< 0.0	46.0	<19.0	<19.0	>+27.0	A
	301.816	18.5	3.6	<-5.0	<-5.0	46.0	<17.1	<17.1	>+28.9	A
	377.270	20.6	4.0	<-5.0	<-5.0	46.0	<19.6	<19.6	>+26.4	A
	452.724	22.3	4.5	<-5.0	<-5.0	46.0	<21.8	<21.8	>+24.2	A
	528.178	23.8	4.9	<-5.0	<-5.0	46.0	<23.7	<23.7	>+22.3	A
	603.632	25.1	5.2	<-5.0	<-5.0	46.0	<25.3	<25.3	>+20.7	A
	679.086	26.2	5.6	<-5.0	<-5.0	46.0	<26.8	<26.8	>+19.2	A
	754.540	27.2	5.9	<-10.0	<-10.0	46.0	<23.1	<23.1	>+22.9	A
	829.994	28.1	6.3	<-10.0	<-10.0	46.0	<24.4	<24.4	>+21.6	A
	905.448	29.0	6.7	<-10.0	<-10.0	46.0	<25.7	<25.7	>+20.3	A
	980.902	29.7	7.2	<-10.0	<-10.0	54.0	<26.9	<26.9	>+27.1	A

Tuning range : 11.000 MHz - 14.999 MHz

Frequency to which tuned [MHz]	Measured Frequency [MHz]	Antenna Factor [dB(1/m)]	Corr. Factor [dB]	Meter Readings [dB(μV)] Hori.	Meter Readings [dB(μV)] Vert.	Limits [dB(μV/m)]	Results [dB(μV/m)] Hori.	Results [dB(μV/m)] Vert.	Margin [dB]	Remarks (Note 2)
11.000	75.455	6.5	1.6	< 0.0	< 0.0	40.0	< 8.1	< 8.1	>+31.9	A
	150.910	12.5	2.4	< 0.0	< 0.0	43.5	<14.9	<14.9	>+28.6	A
	226.365	16.0	3.0	< 0.0	< 0.0	46.0	<19.0	<19.0	>+27.0	A
	301.820	18.5	3.6	<-5.0	<-5.0	46.0	<17.1	<17.1	>+28.9	A
	377.275	20.6	4.0	<-5.0	<-5.0	46.0	<19.6	<19.6	>+26.4	A
	452.730	22.3	4.5	<-5.0	<-5.0	46.0	<21.8	<21.8	>+24.2	A
	528.185	23.8	4.9	<-5.0	<-5.0	46.0	<23.7	<23.7	>+22.3	A
	603.640	25.1	5.2	<-5.0	<-5.0	46.0	<25.3	<25.3	>+20.7	A
	679.095	26.2	5.6	<-5.0	<-5.0	46.0	<26.8	<26.8	>+19.2	A
	754.550	27.2	5.9	<-10.0	<-10.0	46.0	<23.1	<23.1	>+22.9	A
	830.005	28.1	6.3	<-10.0	<-10.0	46.0	<24.4	<24.4	>+21.6	A
	905.460	29.0	6.7	<-10.0	<-10.0	46.0	<25.7	<25.7	>+20.3	A
	980.915	29.7	7.2	<-10.0	<-10.0	54.0	<26.9	<26.9	>+27.1	A
14.999	79.454	6.9	1.7	< 0.0	< 0.0	40.0	< 8.6	< 8.6	>+31.4	A
	158.908	12.9	2.4	< 0.0	< 0.0	43.5	<15.3	<15.3	>+28.2	A
	238.362	16.4	3.1	< 0.0	< 0.0	46.0	<19.5	<19.5	>+26.5	A
	317.816	18.9	3.7	7.0	2.0	46.0	29.6	24.6	+16.4	A
	397.270	21.1	4.2	-3.0	-3.0	46.0	22.3	22.3	+23.7	A
	476.724	22.8	4.6	<-5.0	<-5.0	46.0	<22.4	<22.4	>+23.6	A
	556.178	24.3	5.0	2.0	5.0	46.0	31.3	34.3	+11.7	A
	635.632	25.6	5.4	<-5.0	<-5.0	46.0	<26.0	<26.0	>+20.0	A
	715.086	26.7	5.8	<-10.0	<-10.0	46.0	<22.5	<22.5	>+23.5	A
	794.540	27.7	6.1	<-10.0	<-10.0	46.0	<23.8	<23.8	>+22.2	A
	873.994	28.6	6.5	<-10.0	<-10.0	46.0	<25.1	<25.1	>+20.9	A
	953.448	29.4	7.0	<-10.0	<-10.0	46.0	<26.4	<26.4	>+19.6	A

Tuning range : 15.000 MHz - 21.999 MHz

Frequency to which tuned [MHz]	Measured Frequency [MHz]	Antenna Factor [dB(1/m)]	Corr. Factor [dB]	Meter Readings [dB(μV)] Hori.	Meter Readings [dB(μV)] Vert.	Limits [dB(μV/m)]	Results [dB(μV/m)] Hori.	Results [dB(μV/m)] Vert.	Margin [dB]	Remarks (Note 2)
15.000	79.455	6.9	1.7	< 0.0	< 0.0	40.0	< 8.6	< 8.6	>+31.4	A
	158.910	12.9	2.4	< 0.0	< 0.0	43.5	<15.3	<15.3	>+28.2	A
	238.365	16.4	3.1	< 0.0	< 0.0	46.0	<19.5	<19.5	>+26.5	A
	317.820	18.9	3.7	7.0	2.0	46.0	29.6	24.6	+16.4	A
	397.275	21.1	4.2	<-5.0	<-5.0	46.0	<20.3	<20.3	>+25.7	A
	476.730	22.8	4.6	<-5.0	<-5.0	46.0	<22.4	<22.4	>+23.6	A
	556.185	24.3	5.0	2.0	5.0	46.0	31.3	34.3	+11.7	A
	635.640	25.6	5.4	<-5.0	<-5.0	46.0	<26.0	<26.0	>+20.0	A
	715.095	26.7	5.8	<-10.0	<-10.0	46.0	<22.5	<22.5	>+23.5	A
	794.550	27.7	6.1	<-10.0	<-10.0	46.0	<23.8	<23.8	>+22.2	A
	874.005	28.6	6.5	<-10.0	<-10.0	46.0	<25.1	<25.1	>+20.9	A
	953.460	29.4	7.0	<-10.0	<-10.0	46.0	<26.4	<26.4	>+19.6	A
21.999	86.454	7.6	1.8	< 0.0	< 0.0	40.0	< 9.4	< 9.4	>+30.6	A
	172.908	13.7	2.6	< 0.0	< 0.0	43.5	<16.3	<16.3	>+27.2	A
	259.362	17.2	3.3	< 0.0	< 0.0	46.0	<20.5	<20.5	>+25.5	A
	345.816	19.8	3.9	<-5.0	<-5.0	46.0	<18.7	<18.7	>+27.3	A
	432.270	21.9	4.4	<-5.0	<-5.0	46.0	<21.3	<21.3	>+24.7	A
	518.724	23.6	4.8	<-5.0	<-5.0	46.0	<23.4	<23.4	>+22.6	A
	605.178	25.1	5.2	<-5.0	<-5.0	46.0	<25.3	<25.3	>+20.7	A
	691.632	26.4	5.6	<-5.0	<-5.0	46.0	<27.0	<27.0	>+19.0	A
	778.086	27.5	6.1	<-10.0	<-10.0	46.0	<23.6	<23.6	>+22.4	A
	864.540	28.5	6.5	<-10.0	<-10.0	46.0	<25.0	<25.0	>+21.0	A
	950.994	29.4	7.0	<-10.0	<-10.0	46.0	<26.4	<26.4	>+19.6	A

Tuning range : 22.000 MHz - 29.999 MHz

Frequency to which tuned [MHz]	Measured Frequency [MHz]	Antenna Factor [dB(1/m)]	Corr. Factor [dB]	Meter Readings [dB(μV)] Hori.	Meter Readings [dB(μV)] Vert.	Limits [dB(μV/m)]	Results [dB(μV/m)] Hori.	Results [dB(μV/m)] Vert.	Margin [dB]	Remarks (Note 2)
22.000	86.455	7.6	1.8	< 0.0	< 0.0	40.0	< 9.4	< 9.4	>+30.6	A
	172.910	13.7	2.6	< 0.0	< 0.0	43.5	<16.3	<16.3	>+27.2	A
	259.365	17.2	3.3	< 0.0	< 0.0	46.0	<20.5	<20.5	>+25.5	A
	345.820	19.8	3.9	-2.0	<-5.0	46.0	21.7	<18.7	+24.3	A
	432.275	21.9	4.4	3.0	3.0	46.0	29.3	29.3	+16.7	A
	518.730	23.6	4.8	<-5.0	<-5.0	46.0	<23.4	<23.4	>+22.6	A
	605.185	25.1	5.2	<-5.0	<-5.0	46.0	<25.3	<25.3	>+20.7	A
	691.640	26.4	5.6	<-5.0	<-5.0	46.0	<27.0	<27.0	>+19.0	A
	778.095	27.5	6.1	<-10.0	<-10.0	46.0	<23.6	<23.6	>+22.4	A
	864.550	28.5	6.5	<-10.0	<-10.0	46.0	<25.0	<25.0	>+21.0	A
	951.005	29.4	7.0	<-10.0	<-10.0	46.0	<26.4	<26.4	>+19.6	A
29.999	94.454	8.4	1.8	< 0.0	< 0.0	43.5	<10.2	<10.2	>+33.3	A
	188.908	14.4	2.7	< 0.0	< 0.0	43.5	<17.1	<17.1	>+26.4	A
	283.362	17.9	3.4	< 0.0	< 0.0	46.0	<21.3	<21.3	>+24.7	A
	377.816	20.6	4.1	-3.0	-1.0	46.0	21.7	23.7	+22.3	A
	472.270	22.7	4.6	<-5.0	<-5.0	46.0	<22.3	<22.3	>+23.7	A
	566.724	24.5	5.1	2.0	5.0	46.0	31.6	34.6	+11.4	A
	661.178	25.9	5.5	-2.0	-2.0	46.0	29.4	29.4	+16.6	A
	755.632	27.2	5.9	<-10.0	<-10.0	46.0	<23.1	<23.1	>+22.9	A
	850.086	28.3	6.4	<-10.0	<-10.0	46.0	<24.7	<24.7	>+21.3	A
	944.540	29.4	7.0	<-10.0	<-10.0	46.0	<26.4	<26.4	>+19.6	A

Tuning range : 30.000 MHz - 49.999 MHz

Frequency to which tuned [MHz]	Measured Frequency [MHz]	Antenna Factor [dB(1/m)]	Corr. Factor [dB]	Meter Readings [dB(μV)] Hori.	Meter Readings [dB(μV)] Vert.	Limits [dB(μV/m)]	Results [dB(μV/m)] Hori.	Results [dB(μV/m)] Vert.	Margin [dB]	Remarks (Note 2)
30.000	94.455	8.4	1.8	< 0.0	< 0.0	43.5	<10.2	<10.2	>+33.3	A
	188.910	14.4	2.7	< 0.0	< 0.0	43.5	<17.1	<17.1	>+26.4	A
	283.365	17.9	3.4	< 0.0	< 0.0	46.0	<21.3	<21.3	>+24.7	A
	377.820	20.6	4.1	-3.0	-1.0	46.0	21.7	23.7	+22.3	A
	472.275	22.7	4.6	<-5.0	<-5.0	46.0	<22.3	<22.3	>+23.7	A
	566.730	24.5	5.1	0.0	3.0	46.0	29.6	32.6	+13.4	A
	661.185	25.9	5.5	-3.0	-2.0	46.0	28.4	29.4	+16.6	A
	755.640	27.2	5.9	<-10.0	<-10.0	46.0	<23.1	<23.1	>+22.9	A
	850.095	28.3	6.4	<-10.0	<-10.0	46.0	<24.7	<24.7	>+21.3	A
	944.550	29.4	7.0	<-10.0	<-10.0	46.0	<26.4	<26.4	>+19.6	A
40.000	104.455	9.3	1.9	< 0.0	< 0.0	43.5	<11.2	<11.2	>+32.3	A
	208.910	15.3	2.9	< 0.0	< 0.0	43.5	<18.2	<18.2	>+25.3	A
	313.365	18.8	3.6	12.0	4.0	46.0	34.4	26.4	+11.6	A
	417.820	21.6	4.3	10.0	8.0	46.0	35.9	33.9	+10.1	A
	522.275	23.7	4.8	2.0	-2.0	46.0	30.5	26.5	+15.5	A
	626.730	25.4	5.3	2.0	3.0	46.0	32.7	33.7	+12.3	A
	731.185	26.9	5.8	-6.0	-3.0	46.0	26.7	29.7	+16.3	A
	835.640	28.2	6.3	-1.0	-2.0	46.0	33.5	32.5	+12.5	A
	940.095	29.3	6.9	-6.0	-6.0	46.0	30.2	30.2	+15.8	A
49.999	114.454	10.1	2.0	< 0.0	< 0.0	43.5	<12.1	<12.1	>+31.4	A
	228.908	16.1	3.0	< 0.0	< 0.0	46.0	<19.1	<19.1	>+26.9	A
	343.362	19.7	3.8	13.0	6.0	46.0	36.5	29.5	+ 9.5	A
	457.816	22.4	4.5	< 1.0	< 7.0	46.0	<27.9	<33.9	>+12.1	A
	572.270	24.6	5.1	5.0	3.0	46.0	34.7	32.7	+11.3	A
	686.724	26.3	5.6	1.0	1.0	46.0	32.9	32.9	+13.1	A
	801.178	27.8	6.2	<-10.0	<-10.0	46.0	<24.0	<24.0	>+22.0	A
	915.632	29.1	6.8	<-10.0	<-10.0	46.0	<25.9	<25.9	>+20.1	A

Tuning range : 50.000 MHz - 53.999 MHz

Frequency to which tuned [MHz]	Measured Frequency [MHz]	Antenna Factor [dB(1/m)]	Corr. Factor [dB]	Meter Readings [dB(μV)] Hori.	Meter Readings [dB(μV)] Vert.	Limits [dB(μV/m)]	Results [dB(μV/m)] Hori.	Results [dB(μV/m)] Vert.	Margin [dB]	Remarks (Note 2)
50.000	114.455	10.1	2.0	< 0.0	< 0.0	43.5	<12.1	<12.1	>+31.4	A
	228.910	16.1	3.0	< 0.0	< 0.0	46.0	<19.1	<19.1	>+26.9	A
	343.365	19.7	3.8	14.0	6.0	46.0	37.5	29.5	+ 8.5	A
	457.820	22.4	4.5	<-2.0	< 7.0	46.0	<24.9	<33.9	>+12.1	A
	572.275	24.6	5.1	3.0	4.0	46.0	32.7	33.7	+12.3	A
	686.730	26.3	5.6	-1.0	0.0	46.0	30.9	31.9	+14.1	A
	801.185	27.8	6.2	<-10.0	<-10.0	46.0	<24.0	<24.0	>+22.0	A
	915.640	29.1	6.8	<-10.0	<-10.0	46.0	<25.9	<25.9	>+20.1	A
53.999	118.454	10.4	2.1	< 0.0	< 0.0	43.5	<12.5	<12.5	>+31.0	A
	236.908	16.4	3.1	< 0.0	< 0.0	46.0	<19.5	<19.5	>+26.5	A
	355.362	20.0	3.9	2.0	-1.0	46.0	25.9	22.9	+20.1	A
	473.816	22.8	4.6	<-5.0	<-5.0	46.0	<22.4	<22.4	>+23.6	A
	592.270	24.9	5.2	<-2.0	1.0	46.0	<28.1	31.1	+14.9	A
	710.724	26.6	5.7	<-10.0	<-10.0	46.0	<22.3	<22.3	>+23.7	A
	829.178	28.1	6.3	<-10.0	<-10.0	46.0	<24.4	<24.4	>+21.6	A
	947.632	29.4	7.0	<-10.0	<-10.0	46.0	<26.4	<26.4	>+19.6	A

Tuning range : 54.000 MHz - 60.000 MHz

Frequency to which tuned [MHz]	Measured Frequency [MHz]	Antenna Factor [dB(1/m)]	Corr. Factor [dB]	Meter Readings [dB(μV)] Hori.	Meter Readings [dB(μV)] Vert.	Limits [dB(μV/m)]	Results [dB(μV/m)] Hori.	Results [dB(μV/m)] Vert.	Margin [dB]	Remarks (Note 2)
54.000	118.455	10.4	2.1	< 0.0	< 0.0	43.5	<12.5	<12.5	>+31.0	A
	236.910	16.4	3.1	< 0.0	< 0.0	46.0	<19.5	<19.5	>+26.5	A
	355.365	20.0	3.9	0.0	<-2.0	46.0	23.9	<21.9	+22.1	A
	473.820	22.8	4.6	<-5.0	<-5.0	46.0	<22.4	<22.4	>+23.6	A
	592.275	24.9	5.2	0.0	<-1.0	46.0	30.1	<29.1	+15.9	A
	710.730	26.6	5.7	<-10.0	<-10.0	46.0	<22.3	<22.3	>+23.7	A
	829.185	28.1	6.3	<-10.0	<-10.0	46.0	<24.4	<24.4	>+21.6	A
	947.640	29.4	7.0	<-10.0	<-10.0	46.0	<26.4	<26.4	>+19.6	A
60.000	124.455	10.8	2.1	< 0.0	< 0.0	43.5	<12.9	<12.9	>+30.6	A
	248.910	16.8	3.2	< 0.0	< 0.0	46.0	<20.0	<20.0	>+26.0	A
	373.365	20.5	4.0	1.0	<-1.0	46.0	25.5	<23.5	+20.5	A
	497.820	23.2	4.7	-4.0	4.0	46.0	23.9	31.9	+14.1	A
	622.275	25.4	5.3	<-5.0	<-5.0	46.0	<25.7	<25.7	>+20.3	A
	746.730	27.1	5.9	<-10.0	<-10.0	46.0	<23.0	<23.0	>+23.0	A
	871.185	28.6	6.5	<-10.0	<-10.0	46.0	<25.1	<25.1	>+20.9	A
	995.640	29.9	7.3	<-10.0	<-10.0	54.0	<27.2	<27.2	>+26.8	A

Other Disturbance

Frequency [MHz]	Antenna Factor [dB(1/m)]	Corr. Factor [dB]	Meter Readings [dB(μV)] Hori.	Meter Readings [dB(μV)] Vert.	Limits [dB(μV/m)]	Results [dB(μV/m)] Hori.	Results [dB(μV/m)] Vert.	Margin [dB]	Remarks (Note 2)
45.0	2.0	1.3	<23.0	<24.0	40.0	<26.3	<27.3	>+12.7	A
129.8	11.2	2.2	18.0	12.0	43.5	31.4	25.4	+12.1	A
214.1	15.5	2.9	8.0	< 7.0	43.5	26.4	<25.4	+17.1	A
233.5	16.3	3.1	15.5	7.0	46.0	34.4	26.4	+11.6	A
259.5	17.2	3.3	16.0	4.0	46.0	36.5	24.5	+ 9.5	A
314.6	18.9	3.7	17.0	14.0	46.0	39.6	36.6	+ 6.4	A
334.3	19.4	3.8	10.0	5.0	46.0	33.2	28.2	+12.8	A
408.9	21.4	4.2	3.0	<-5.0	46.0	28.6	<20.6	+17.4	A
525.7	23.8	4.9	<-5.0	< 3.0	46.0	<23.7	<31.7	>+14.3	A
688.0	26.3	5.6	<-5.0	<-5.0	46.0	<26.9	<26.9	>+19.1	A

Sample of calculated result at 314.6 MHz, as the Minimum Margin point:

	Antenna Factor	=	18.9 dB(1/m)
	Corr. Factor	=	3.7 dB
+)	Meter Reading	=	17.0 dB(μV)
	Result	=	39.6 dB(μV/m)

Minimum Margin : 46.0 - 39.6 = 6.4(dB)
The point shown on "___ " is the Minimum Margin Point.

Note 1:
1)The highest frequency generated or used in the EUT : 124.455 MHz
2)The upper frequency of measurement range : 1000 MHz
3)Corr. Factor [dB] = Cable Loss [dB]

Remarks:

Note 2	Detector Function	IF Bandwidth
A	CISPR QP	120 kHz

Note 2	Detector Function	RES. B.W	V.B.W	Sweep T	Span
B	Peak (SP)	1 MHz	1 MHz	20 msec	0 Hz
C	Peak (SP)	100 kHz	100 kHz	20 msec	0 Hz
*) D	Average (ESV)	1 MHz (3 MHz)	3 MHz	20 msec	0 Hz

( ):Setting of spectrum analyzer
*)For the average measurement method, it is made measurement using a test receiver, a step attenuator or and a spectrum analyzer(950523A).

Tester Signature : A. Hosoda

Type Name : Akio Hosoda

Antenna-Conducted Power Measurement

Scanning Receiver

Test Date: October 8, 1999
Temp.: 23 ℃ ; Humi.: 55 %

Tuning range : 0.030 MHz - 1.599 MHz

Frequency to which tuned [MHz]	Measured Frequency [MHz]	Attenuation Pad Loss [dB]	Meter Readings [dB(μV)]	Limits at 50 Ω [dB(μV)]	Results [dB(μV)]	Margin [dB]	Remarks (Note 2)
0.030	64.485	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	128.970	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	193.455	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	257.940	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	322.425	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	386.910	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	451.395	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	515.880	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	580.365	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	644.850	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	709.335	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	773.820	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	838.305	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	902.790	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	967.275	10.0	< 10.0	50.0	< 20.0	>+30.0	A
1.599	66.054	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	132.108	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	198.162	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	264.216	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	330.270	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	396.324	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	462.378	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	528.432	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	594.486	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	660.540	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	726.594	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	792.648	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	858.702	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	924.756	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	990.810	10.0	< 10.0	50.0	< 20.0	>+30.0	A

Tuning range : 1.600 MHz - 1.999 MHz

Frequency to which tuned [MHz]	Measured Frequency [MHz]	Attenuation Pad Loss [dB]	Meter Readings [dB(μV)]	Limits at 50 Ω [dB(μV)]	Results [dB(μV)]	Margin [dB]	Remarks (Note 2)
1.800	66.255	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	132.510	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	198.765	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	265.020	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	331.275	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	397.530	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	463.785	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	530.040	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	596.295	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	662.550	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	728.805	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	795.060	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	861.315	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	927.570	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	993.825	10.0	< 10.0	50.0	< 20.0	>+30.0	A

Tuning range : 2.000 MHz - 2.999 MHz

Frequency to which tuned [MHz]	Measured Frequency [MHz]	Attenuation Pad Loss [dB]	Meter Readings [dB(μV)]	Limits at 50 Ω [dB(μV)]	Results [dB(μV)]	Margin [dB]	Remarks (Note 2)
2.000	66.455	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	132.910	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	199.365	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	265.820	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	332.275	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	398.730	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	465.185	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	531.640	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	598.095	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	664.550	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	731.005	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	797.460	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	863.915	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	930.370	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	996.825	10.0	< 10.0	50.0	< 20.0	>+30.0	A
2.999	67.454	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	134.908	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	202.362	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	269.816	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	337.270	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	404.724	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	472.178	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	539.632	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	607.086	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	674.540	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	741.994	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	809.448	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	876.902	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	944.356	10.0	< 10.0	50.0	< 20.0	>+30.0	A

Tuning range : 3.000 MHz - 3.999 MHz

Frequency to which tuned [MHz]	Measured Frequency [MHz]	Attenuation Pad Loss [dB]	Meter Readings [dB(μV)]	Limits at 50 Ω [dB(μV)]	Results [dB(μV)]	Margin [dB]	Remarks (Note 2)
3.000	67.455	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	134.910	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	202.365	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	269.820	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	337.275	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	404.730	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	472.185	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	539.640	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	607.095	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	674.550	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	742.005	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	809.460	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	876.915	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	944.370	10.0	< 10.0	50.0	< 20.0	>+30.0	A
3.999	68.454	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	136.908	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	205.362	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	273.816	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	342.270	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	410.724	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	479.178	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	547.632	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	616.086	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	684.540	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	752.994	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	821.448	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	889.902	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	958.356	10.0	< 10.0	50.0	< 20.0	>+30.0	A

Tuning range : 4.000 MHz - 5.999 MHz

Frequency to which tuned [MHz]	Measured Frequency [MHz]	Attenuation Pad Loss [dB]	Meter Readings [dB(μV)]	Limits at 50 Ω [dB(μV)]	Results [dB(μV)]	Margin [dB]	Remarks (Note 2)
4.000	68.455	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	136.910	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	205.365	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	273.820	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	342.275	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	410.730	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	479.185	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	547.640	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	616.095	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	684.550	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	753.005	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	821.460	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	889.915	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	958.370	10.0	< 10.0	50.0	< 20.0	>+30.0	A
5.999	70.454	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	140.908	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	211.362	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	281.816	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	352.270	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	422.724	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	493.178	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	563.632	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	634.086	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	704.540	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	774.994	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	845.448	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	915.902	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	986.356	10.0	< 10.0	50.0	< 20.0	>+30.0	A

Tuning range : 6.000 MHz - 7.999 MHz

Frequency to which tuned [MHz]	Measured Frequency [MHz]	Attenuation Pad Loss [dB]	Meter Readings [dB(μV)]	Limits at 50 Ω [dB(μV)]	Results [dB(μV)]	Margin [dB]	Remarks (Note 2)
6.000	70.455	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	140.910	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	211.365	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	281.820	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	352.275	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	422.730	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	493.185	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	563.640	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	634.095	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	704.550	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	775.005	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	845.460	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	915.915	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	986.370	10.0	< 10.0	50.0	< 20.0	>+30.0	A
7.999	72.454	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	144.908	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	217.362	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	289.816	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	362.270	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	434.724	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	507.178	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	579.632	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	652.086	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	724.540	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	796.994	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	869.448	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	941.902	10.0	< 10.0	50.0	< 20.0	>+30.0	A

Tuning range : 8.000 MHz - 10.999 MHz

Frequency to which tuned [MHz]	Measured Frequency [MHz]	Attenuation Pad Loss [dB]	Meter Readings [dB(μV)]	Limits at 50 Ω [dB(μV)]	Results [dB(μV)]	Margin [dB]	Remarks (Note 2)
8.000	72.455	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	144.910	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	217.365	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	289.820	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	362.275	10.0	11.0	50.0	21.0	+29.0	A
	434.730	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	507.185	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	579.640	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	652.095	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	724.550	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	797.005	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	869.460	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	941.915	10.0	< 10.0	50.0	< 20.0	>+30.0	A
10.999	75.454	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	150.908	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	226.362	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	301.816	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	377.270	10.0	10.0	50.0	20.0	+30.0	A
	452.724	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	528.178	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	603.632	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	679.086	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	754.540	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	829.994	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	905.448	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	980.902	10.0	< 10.0	50.0	< 20.0	>+30.0	A

Tuning range : 11.000 MHz - 14.999 MHz

Frequency to which tuned [MHz]	Measured Frequency [MHz]	Attenuation Pad Loss [dB]	Meter Readings [dB(μV)]	Limits at 50 Ω [dB(μV)]	Results [dB(μV)]	Margin [dB]	Remarks (Note 2)
11.000	75.455	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	150.910	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	226.365	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	301.820	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	377.275	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	452.730	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	528.185	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	603.640	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	679.095	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	754.550	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	830.005	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	905.460	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	980.915	10.0	< 10.0	50.0	< 20.0	>+30.0	A
14.999	79.454	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	158.908	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	238.362	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	317.816	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	397.270	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	476.724	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	556.178	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	635.632	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	715.086	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	794.540	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	873.994	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	953.448	10.0	< 10.0	50.0	< 20.0	>+30.0	A

Tuning range : 15.000 MHz - 21.999 MHz

Frequency to which tuned [MHz]	Measured Frequency [MHz]	Attenuation Pad Loss [dB]	Meter Readings [dB(μV)]	Limits at 50 Ω [dB(μV)]	Results [dB(μV)]	Margin [dB]	Remarks (Note 2)
15.000	79.455	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	158.910	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	238.365	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	317.820	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	397.275	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	476.730	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	556.185	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	635.640	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	715.095	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	794.550	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	874.005	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	953.460	10.0	< 10.0	50.0	< 20.0	>+30.0	A
21.999	86.454	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	172.908	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	259.362	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	345.816	10.0	15.0	50.0	25.0	+25.0	A
	432.270	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	518.724	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	605.178	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	691.632	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	778.086	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	864.540	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	950.994	10.0	< 10.0	50.0	< 20.0	>+30.0	A

Tuning range : 22.000 MHz - 29.999 MHz

Frequency to which tuned [MHz]	Measured Frequency [MHz]	Attenuation Pad Loss [dB]	Meter Readings [dB(μV)]	Limits at 50 Ω [dB(μV)]	Results [dB(μV)]	Margin [dB]	Remarks (Note 2)
22.000	86.455	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	172.910	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	259.365	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	345.820	10.0	15.0	50.0	25.0	+25.0	A
	432.275	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	518.730	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	605.185	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	691.640	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	778.095	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	864.550	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	951.005	10.0	< 10.0	50.0	< 20.0	>+30.0	A
29.999	94.454	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	188.908	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	283.362	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	377.816	10.0	13.0	50.0	23.0	+27.0	A
	472.270	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	566.724	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	661.178	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	755.632	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	850.086	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	944.540	10.0	< 10.0	50.0	< 20.0	>+30.0	A

Tuning range : 30.000 MHz - 49.999 MHz

Frequency to which tuned [MHz]	Measured Frequency [MHz]	Attenuation Pad Loss [dB]	Meter Readings [dB(μV)]	Limits at 50 Ω [dB(μV)]	Results [dB(μV)]	Margin [dB]	Remarks (Note 2)
30.000	94.455	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	188.910	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	283.365	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	377.820	10.0	13.0	50.0	23.0	+27.0	A
	472.275	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	566.730	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	661.185	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	755.640	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	850.095	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	944.550	10.0	< 10.0	50.0	< 20.0	>+30.0	A
40.000	104.455	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	208.910	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	313.365	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	417.820	10.0	10.0	50.0	20.0	+30.0	A
	522.275	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	626.730	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	731.185	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	835.640	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	940.095	10.0	< 10.0	50.0	< 20.0	>+30.0	A
49.999	114.454	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	228.908	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	343.362	10.0	21.0	50.0	31.0	+19.0	A
	457.816	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	572.270	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	686.724	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	801.178	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	915.632	10.0	< 10.0	50.0	< 20.0	>+30.0	A

Tuning range : 50.000 MHz - 53.999 MHz

Frequency to which tuned [MHz]	Measured Frequency [MHz]	Attenuation Pad Loss [dB]	Meter Readings [dB(μV)]	Limits at 50 Ω [dB(μV)]	Results [dB(μV)]	Margin [dB]	Remarks (Note 2)
50.000	114.455	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	228.910	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	343.365	10.0	21.0	50.0	31.0	+19.0	A
	457.820	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	572.275	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	686.730	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	801.185	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	915.640	10.0	< 10.0	50.0	< 20.0	>+30.0	A
53.999	118.454	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	236.908	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	355.362	10.0	17.0	50.0	27.0	+23.0	A
	473.816	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	592.270	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	710.724	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	829.178	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	947.632	10.0	< 10.0	50.0	< 20.0	>+30.0	A

Tuning range : 54.000 MHz - 60.000 MHz

Frequency to which tuned [MHz]	Measured Frequency [MHz]	Attenuation Pad Loss [dB]	Meter Readings [dB(μV)]	Limits at 50 Ω [dB(μV)]	Results [dB(μV)]	Margin [dB]	Remarks (Note 2)
54.000	118.455	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	236.910	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	355.365	10.0	17.0	50.0	27.0	+23.0	A
	473.820	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	592.275	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	710.730	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	829.185	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	947.640	10.0	< 10.0	50.0	< 20.0	>+30.0	A
60.000	124.455	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	248.910	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	373.365	10.0	15.0	50.0	25.0	+25.0	A
	497.820	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	622.275	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	746.730	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	871.185	10.0	< 10.0	50.0	< 20.0	>+30.0	A
	995.640	10.0	< 10.0	50.0	< 20.0	>+30.0	A

Other Disturbance

Measured Frequency [MHz]	Attenuation Pad Loss [dB]	Meter Readings [dB(μV)]	Limits at 50 Ω [dB(μV)]	Results [dB(μV)]	Margin [dB]	Remarks (Note 2)
30.0	10.0	< 10.0	50.0	< 20.0	>+30.0	A
50.0	10.0	< 10.0	50.0	< 20.0	>+30.0	A
100.0	10.0	< 10.0	50.0	< 20.0	>+30.0	A
130.0	10.0	< 10.0	50.0	< 20.0	>+30.0	A
200.0	10.0	< 10.0	50.0	< 20.0	>+30.0	A
300.0	10.0	< 10.0	50.0	< 20.0	>+30.0	A
500.0	10.0	< 10.0	50.0	< 20.0	>+30.0	A
700.0	10.0	< 10.0	50.0	< 20.0	>+30.0	A
1000.0	10.0	< 10.0	50.0	< 20.0	>+30.0	A

Sample of calculated result at 343.362 MHz, as the Minimum Margin point:

	Attenuation Pad Loss	=	10.0 dB
+)	Meter Reading	=	21.0 dB(μV)
	Result	=	31.0 dB(μV)

Minimum Margin : 50.0 - 31.0 = 19.0(dB)
The point shown on "___ " is the Minimum Margin Point.

Note 1:
1)The highest frequency generated or used in the EUT : 124.455 MHz
2)The upper frequency of measurement range : 1000 MHz

Remarks:

Note 2	Detector Function	IF Bandwidth
A	CISPR QP	120 kHz

Note 2	Detector Function	RES. B.W	V.B.W	Sweep T	Span
B	Peak (SP)	1 MHz	1 MHz	20 msec	0 Hz
C	Peak (SP)	100 kHz	100 kHz	20 msec	0 Hz
*) D	Average (ESV)	1 MHz (3 MHz)	3 MHz	20 msec	0 Hz

( ):Setting of spectrum analyzer
*)For the average measurement method, it is made measurement using a test receiver, a step attenuator or and a spectrum analyzer(950523A).

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