

EXHIBIT A

Sample Label

MASCO

MICROPHONE
MANUFACTURER
& EXPORTER

華格工業股份有限公司

WA-GOL INDUSTRIAL CO., LTD.

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DATE: **MAY 11 1998**

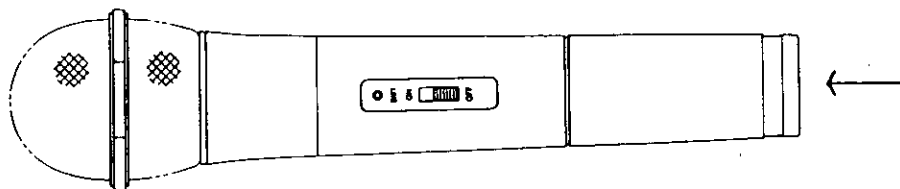
FCC ID:

Label Format:

This device complies with Part 74 FCC rules

FCC ID: JEBUH-82

Label Position:



AGREED BY:

K.T.CHIANG / PRESIDENT

EXHIBIT B

Test Report

Report No.	M1274585
Specifications	FCC Part 74 – Type Acceptance
Test Method	ANSI C63.4 1992
Applicant address	NO. 85, CHANG HSING FIRST STREET, TAI-TZU VILLAGE, JEN-TE HSIAN, TAINAN HSIEN, TAIWAN
Applicant Items tested	WA-GOL INDUSTRIAL CO., LTD WIRELESS MICROPHONE TRANSMITTER
Model No.	UH-82
Results	As detailed within this report
Sample received date	05 / 06 /1998 (month / day / year)
Prepared by	<u>Stephen Chen</u> project engineer
Authorized by	<u>Jacob Lin</u> Vice General Manager (Jacob Lin)
Issue date	<u>June 9, 1998</u> (month / day / year)
Modifications	None
Tested by	Training Research Co., Ltd.
Office at	2F, No. 571, Chung Hsiao E. Road, Sec.7, Taipei, Taiwan
Open site at	No. 5-3, Lane 21, Yen Chiu Yuan Rd., Sec.4, Taipei Taiwan

Conditions of issue:

- (1). This test report shall not be reproduced except in full, without written approval of TRC. And the test result contained within this report only relate to the sample submitted for testing.
- (2). This report must not be used by the client to claim product endorsement by NVLAP or nay agency of U.S. Government.

★ FCC ID : JEBUH-82

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Chapter 0 Application for Type Acceptance

- 2.983 (a) : WA-GOL INDUSTRIAL CO., LTD. –applicant and manufacturer
- 2.983 (b) : The equipment is a transmitter, wireless microphone
Model : UH-82
- 2.983 (c) : Quantity production is planned
- 2.983 (d) (1) : Type of emission – F3E- FM Modulation
- 2.983 (d) (2) : 100 Hz – 10 KHz
- 2.983 (d) (3) : 0.033 mW
- 2.983 (d) (4) : Specification of 250 mW is met by the equipment in the applicable part 74.861 (e)(1)
- 2.983 (d) (5) : Final RF amplifier stage current : 25mA, 9V Battery
- 2.983 (d) (6) : Description follows
- 2.983 (d) (7) : Complete circuit diagrams are included . No modification was made.
- 2.983 (d) (8) : Instruction sheet to user included.
- 2.983 (d) (9) : Tune up procedure follows
- 2.983 (d) (11) : Description follows
- 2.983 (d) (12) : N/A

Chapter 1 GENERAL

1.1 Introduction :

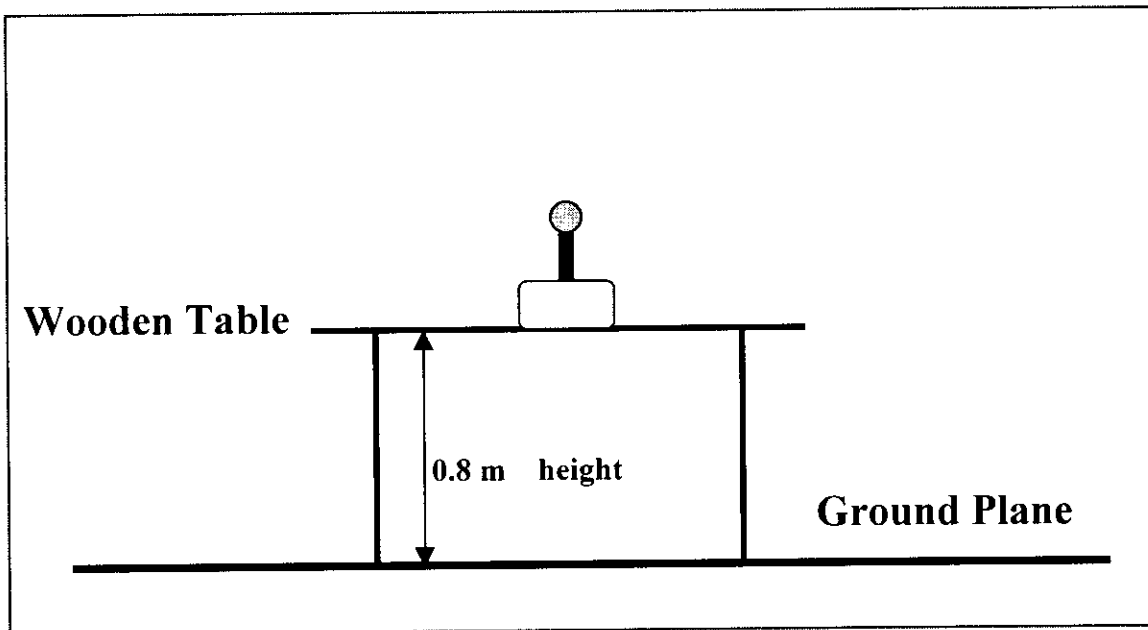
The following measurement report is submitted on behalf of WA-GOL INDUSTRIAL CO., LTD in support of a wireless microphone certification in accordance with FCC Rules . 2.981 through 2.999 and 74.861 .

Description of EUT :

EUT	:	WIRELESS MICROPHONE
Model	:	UH-82
Carrier Frequency Range	:	614-806 MHz
RF Power Output	:	0.033 mW
Supply Voltage	:	DC 9V
Supply Current	:	25 mA
Frequency Response	:	100 Hz- 10 KHz
Frequency Stability	:	0.005%
Operating Temperature	:	-30 to +50 degree centigrade

Wireless microphone is a transmitter which operates in the frequency range of 614-806 MHz (805.25 MHz tested). This microphone is worn by a performer and other participants in a program, filming , reportingetc. The relative receiver of this microphone's FCCID : JEBUH-820 is in applying.

1.3 Configuration of test setup



1.4 Location of the Measurement Site :

The radiated emissions measurements required by the Rules were performed on the Three-meter, open-field test site maintained by Training Research CO., Ltd., No. 5-3, Lane 21, Yen-Chiu-Yuan Rd., Sec. 4, Taipei , Taiwan , R.O.C. . Complete description and measurement data have been placed on file with the Commission. The conducted power line Emissions tests were performed in a shielded enclosure also located at the above facility . Training Research Co., Ltd. is listed by the FCC as a facility available to do measurement work for others on a contract basis .

1.5 General Test Condition :

The conditions under which the EUT operates were varied to determine their effect on the equipment's emission characteristics. The final configuration of the test system and the mode of operation used during these tests was chosen as that which produced the highest emission levels . However, only those conditions which the EUT was considered likely to encounter in normal use were investigated.

Chapter 2 Power Output Measurement

2.1 Rules and Specification Limits

2.985

74.861 (e) (1) : The power of the measured unmodulated carrier power at output of the transmitter power amplifier (antenna input power) may not exceed the following :

1. 54 – 72, 76 – 88 and 174 – 216 MHz band 50mW .
2. 470 – 608 AND 614 – 806 MHz BAND 250 W.

2.2 Test condition and setup :

1. Measurement was made on open-field test site. The EUT system was placed on non-conductive turntable which is 0.8 meters height, top surface 1.0 X 1.5 meter. The EUT was placed in three direction of the space in order to obtain maximum emission.
2. A ECO whole range antenna with horizontal and vertical polarization was raised from 1 – 4 meter as well as the turntable was rotate from 0 to 360 degree to search for the maximum Field Strength Spectrum where the spectrum analyzer was operated in the quasi-peak detection mode . Recorded all the values which measured under horizontal and vertical position for the biconical antenna .
3. The following procedures were used to convert the emission levels measured in decibels referenced to 1 microvolt (dBuV) into field intensity in Watt.
 - (1) The actual field intensity in decibels referenced to 1 micro volt per meter (dBuV/m) is determined by algebraically adding the measured reading in dBuV, the antenna factor (dB), and cable loss (dB) at the appropriate frequency.

$$\mathbf{FI_a(dBuV/m) = FI_r(dBuV) + Corrected (dB)}$$

$$\mathbf{Corrected (dB) = AF(dB) + CL(dB)}$$

FI_a : Actual Field Intensity

FI_r : Reading of the Field Intensity

AF : Antenna Factor

CL : Cable Loss

- (2) The field intensity in Volt can then be determined by the following equation:

$$FI(Volt) = 10^{FI(dBuV/m)/20} \times 10^{-6}$$

The field intensity in Watt can then be determined by the following equation :

$$P (watt) = FI^2 (Volt) \times d^2 (meter) / 49.2$$

P : Power in Watt

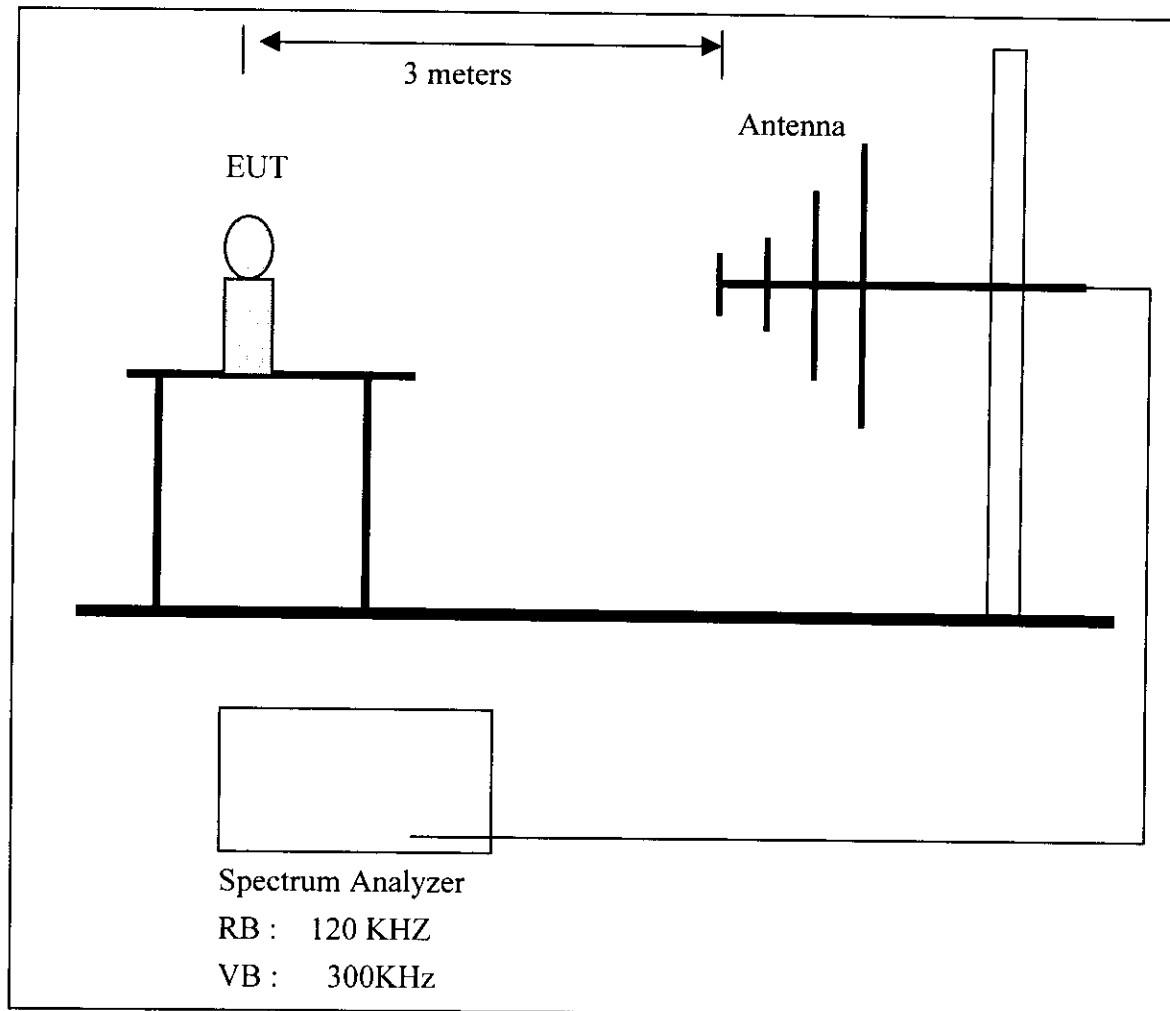
D : Measurement Distance (3 M)

2.3 List of test Instrument :

Instrument name	Model No.	Brand	Serial No.	Calibration Date	
				Last	Next
Spectrum analyzer	8568B	H P	3004A18617	05/15/98	05/15/99
Quasi-peak Adapter	85650A	H P	2521A00984	05/15/98	05/15/99
RF Pre-selector	85685A	H P	2947A01011	05/15/98	05/15/99
Spectrum analyzer	8594EM	H P	3619A00198	08/07/97	08/07/98
Antenna(30M-2G Hz)	3142	EMCO	9610-1094	10/30/97	10/30/98
Open test side (Antenna ,Amplify, cable calibrated together)				05/15/98	05/15/99

The level of confidence of 95% ,the uncertainty of measurement of radiated emission is ± 4.96 dB .

2.4 Measurement Configuration



2.5 Measurement Result

$$\begin{aligned}\text{Corrected (dB)} &= \text{AF(dB)} + \text{CL(dB)} \\ &= -6.67 \text{ dB/m}\end{aligned}$$

$$\begin{aligned}\text{FI}_a(\text{dBuV/m}) &= \text{FI}_r(\text{dBuV}) + \text{Corrected (dB)} \\ &= 89.24 - 6.67 = 82.57 \text{ dBuV/m}\end{aligned}$$

The maximum field measured is 82.57 dBuV/m .

$$\text{FI (Volt)} = 10^{82.57/20} \times 10^{-6} = 0.01344\text{V}$$

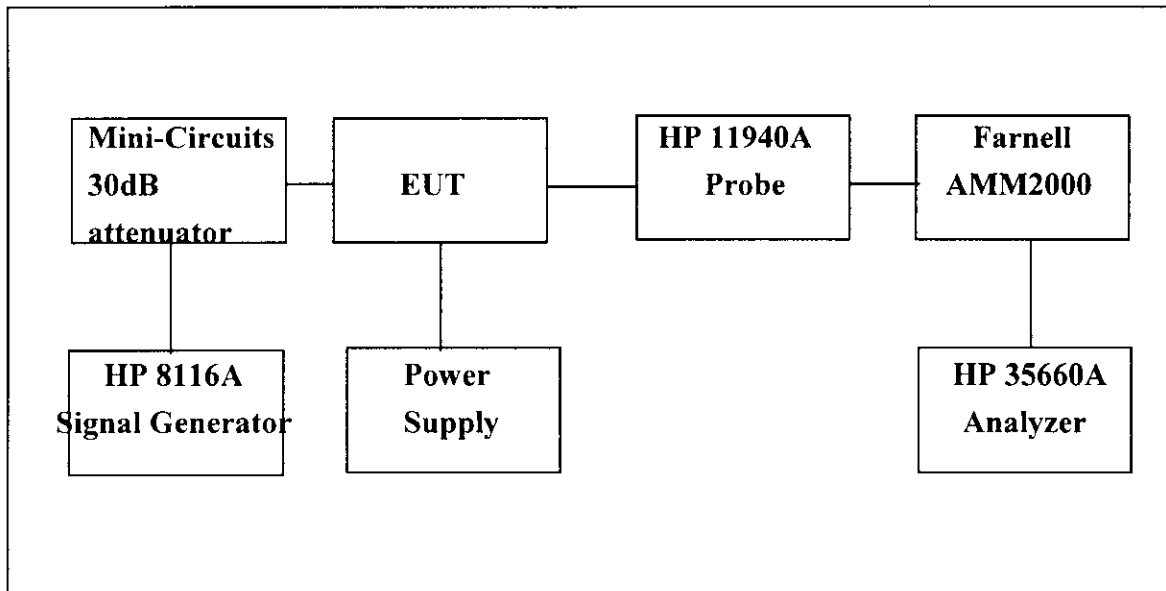
$$\text{FI (mW)} = (0.01344 \times 3)^2 / 49.2 = 0.033 \text{ mW}$$

Chapter 3 Modulation Characteristics Measurement

3.1 Rules and Specification Limits

- 2.987(a) Voice modulated communication equipment
- 2.987(b) Equipment which employs modulation limiting

3.2 Test Configuration & List of Test Instruments



List of test instrument :

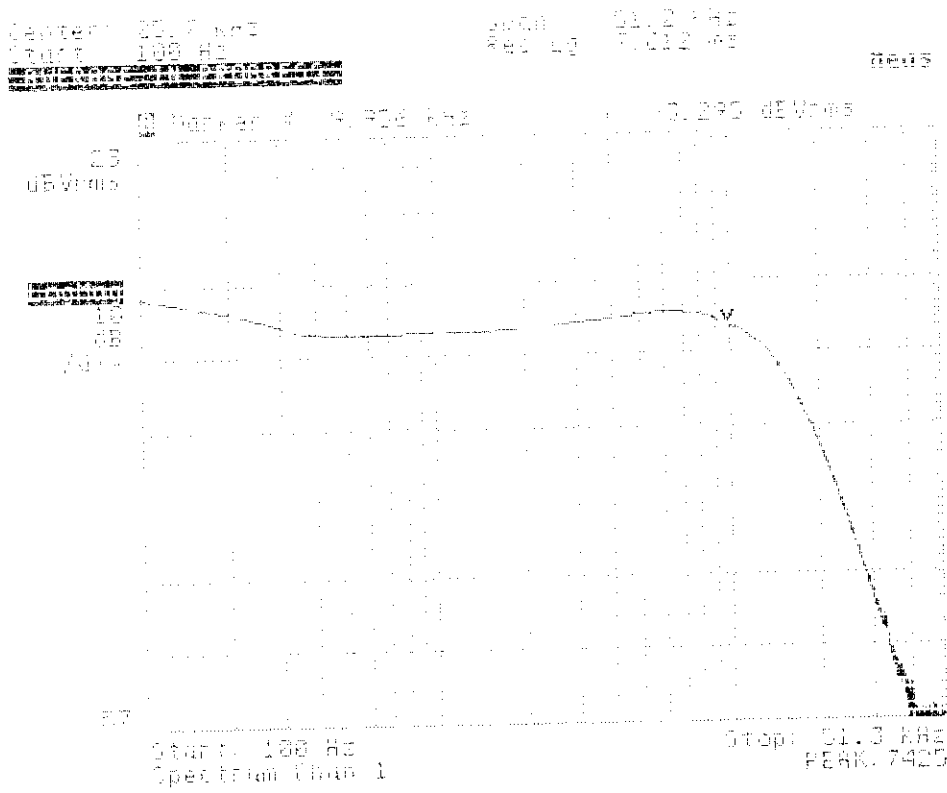
Manufacturer	Device	Model	Input Impedance
HP	Dynamic Signal Analyzer	HP35660A	50
HP	Signal Generator 50 MHz	HP8116A	50
Farnell	Modulation Meter	AMM2000	----
HP	Close-Field Probe 30M~1GHz	11940A	----

3.3 Frequency Response of Audio Modulation Circuit Measurement

Condition & Setup

2.987 (a)

- The EUT and test equipment were set up as shown on the Section 4.2 .
- The Plus/Function generator was connected to the audio input circuit/microphone of the EUT .
- The audio signal input was adjusted to obtain 50% modulation at 1 KHz .
- With input levels held constant and below limiting at all frequencies , the generator was varied from 100 Hz to 50 kHz .
- The response in dBVrms relative to 1kHz was then measured, using the HP 35660A Dynamic Signal Analyzer as follow page that have no page number .



Frequency Response of Audio Modulation Circuit Measurement

3.4 Frequency Response of Audio Low Pass Filter Measurement Condition & Setup

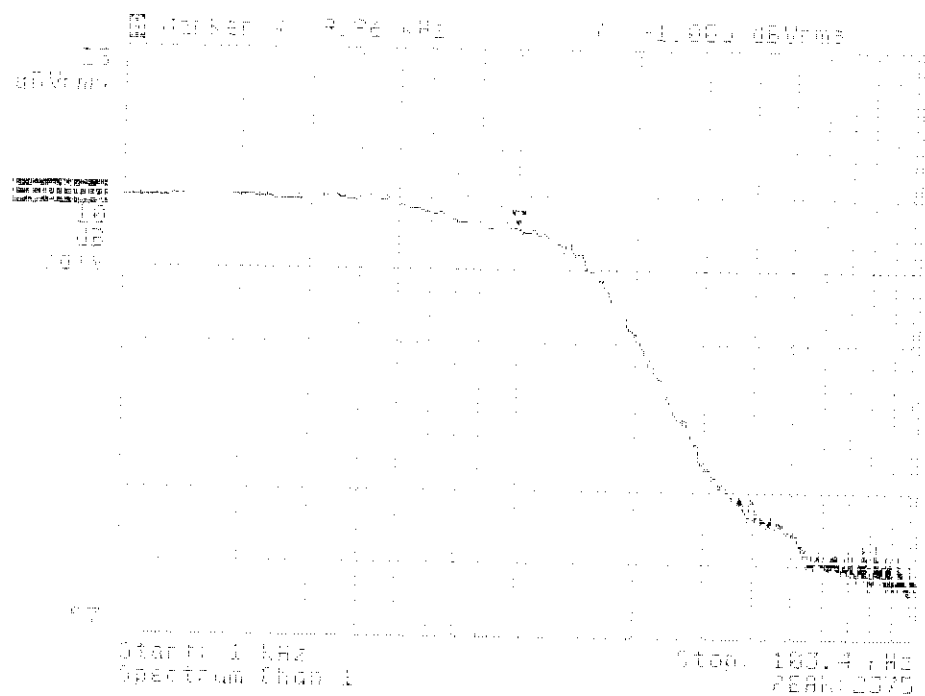
1. The measurement condition and setup as Section 3.3 .
2. With input levels held constant and below limiting at all frequencies , the generator was varied from 1kHz to 100 kHz .
3. The response in dBVrms relative to 1kHz was then measured, using the HP 35660A Dynamic Signal Analyzer as follow page that have no page number .

3.5 Modulation Limiting Measurement Condition & Setup

1. The signal generator was connected to the input of the EUT as for “Frequency Response of the Modulating Circuit”.
2. The modulation response was measured for each of three frequencies : 100Hz, 1KHz and 10KHz .
3. The input level was varied from 30% modulation to at least 20 dB higher than the saturation point .
4. Measurements were performed for both negative and positive modulation and the respective results were recorded .
5. Measurement results as Chart 3.1 to 3.2

[illegible]

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000 1001 1002 1003 1004 1005 1006 1007 1008 1009 1010 1011 1012 1013 1014 1015 1016 1017 1018 1019 1020 1021 1022 1023 1024 1025 1026 1027 1028 1029 1030 1031 1032 1033 1034 1035 1036 1037 1038 1039 1040 1



Frequency Response of Audio Amplifier Power Measurement

Chart 3.1 Modulation Limiting Measurement Positive

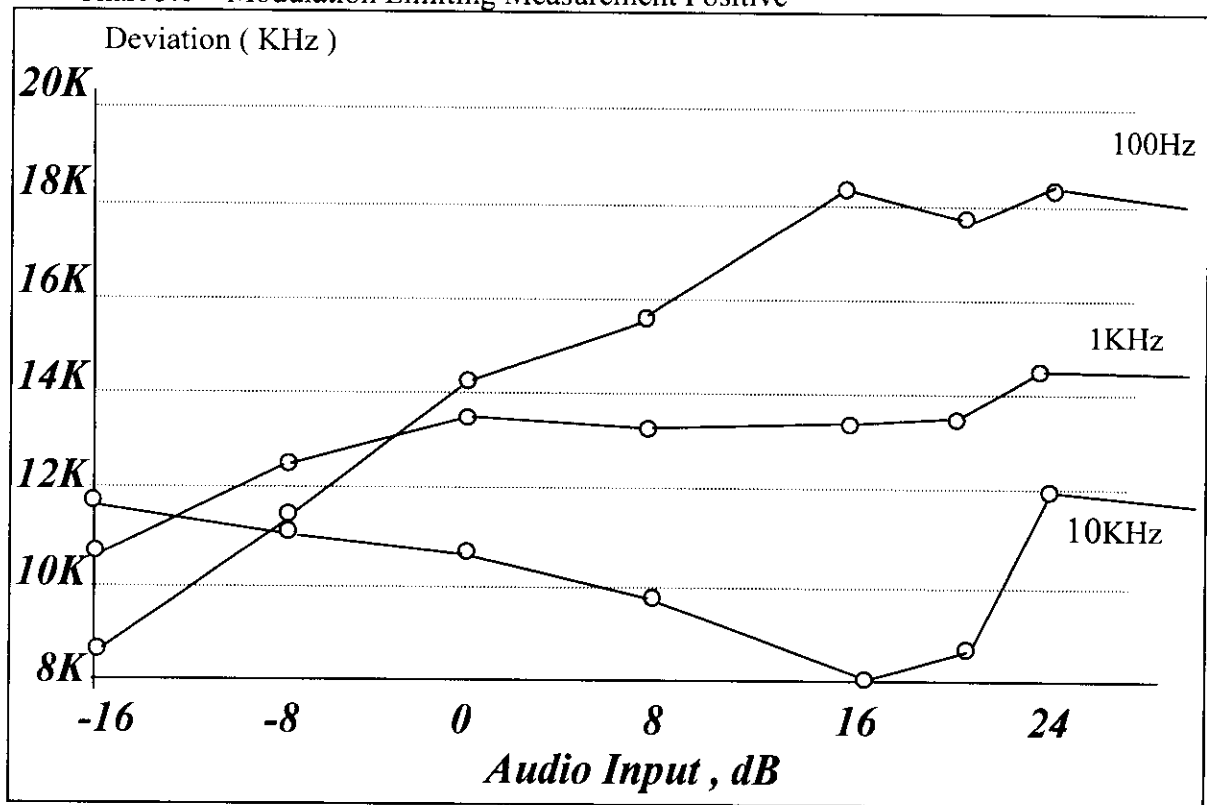


Chart 3.2 Modulation Limiting Measurement Negative

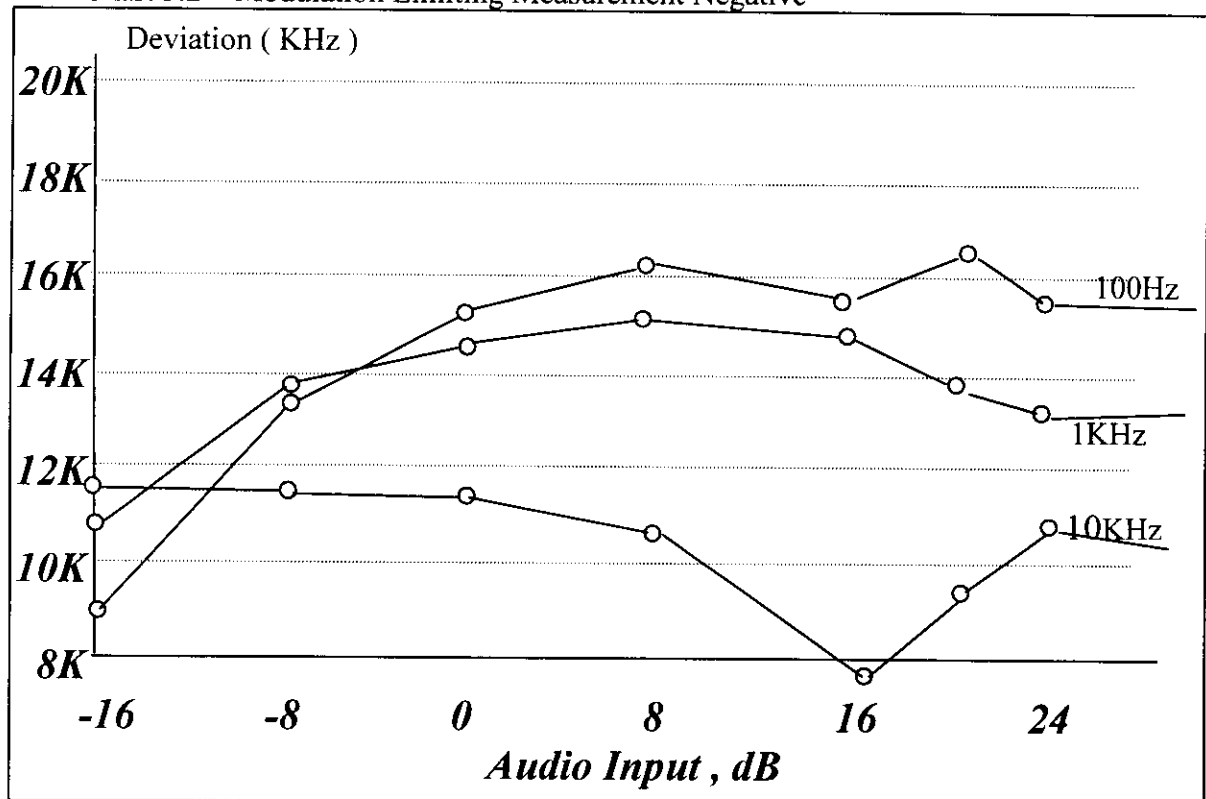


Chart 4 Occupied Bandwidth Measurement

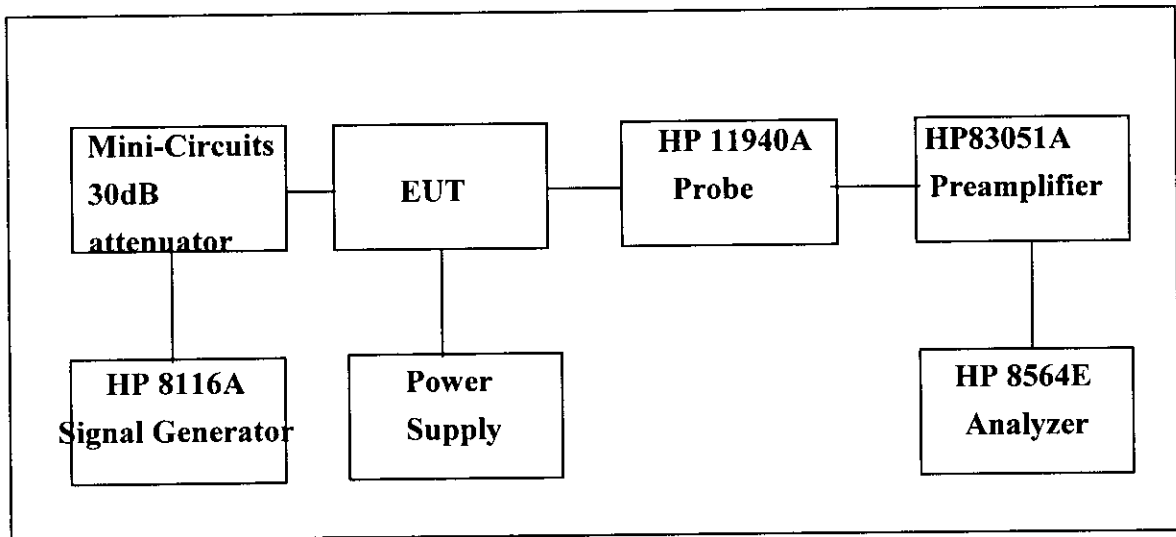
4.1 Rules and Specification Limits

2.989 .

74.861 (e)(3): Any form of modulation may be used . A maximum deviation of ± 75 KHz is permitted when frequency modulation is employed.

74.861 (e)(5): The operation bandwidth shall not exceed 200 KHz .

4.2 Test Configuration & List of Test Instruments



List of test Instrument :

Instrument name	Model No.	Brand	Serial No.
Spectrum analyzer(9K~40GHz)	8564E	H P	
Preamplifier(45M~50GHz)	83051A	HP	VS36433002
Close-Field Probe 30M~1GHz	11940A	HP	----

4.3 Measurement Procedure

1. Connect the EUT as Section 4.2 .
2. Plot the unmodulated chart shows on spectrum .
3. Set the output of the signal generator to 100 Hz, 1KHz and 10KHz. Increase the amplitude of the signal , while monitoring the modulation meter. Until modulation is max . Measure the bandwidth under 26 dB compared to the unmodulated fundamental carrier peak level of the modulated signal displayed on the spectrum analyzer.
4. The occupied Bandwidth was measured as follow two pages .

4.4 Measurement Result

The occupied bandwidth's plot is presented on following pages which illustrates compliance with the rules.

Calculation of Necessary Bandwidth (Bn)

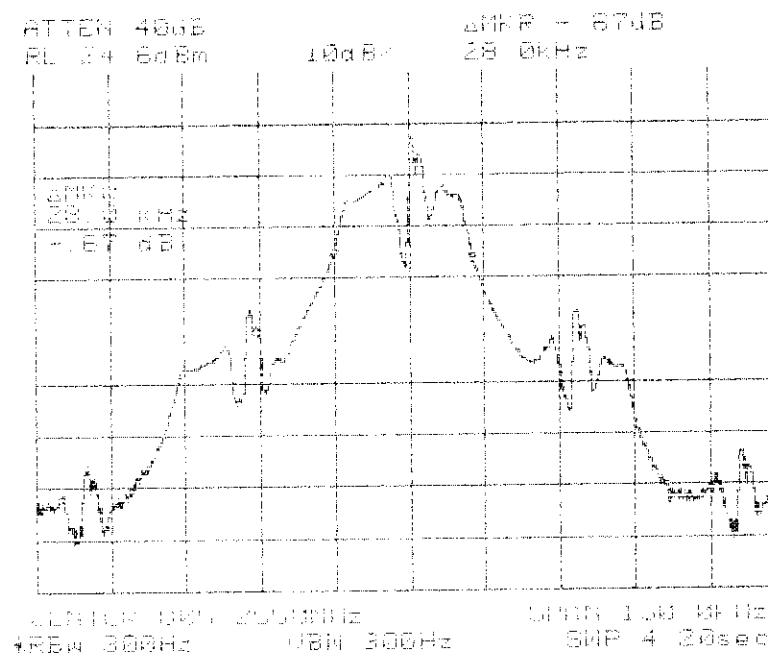
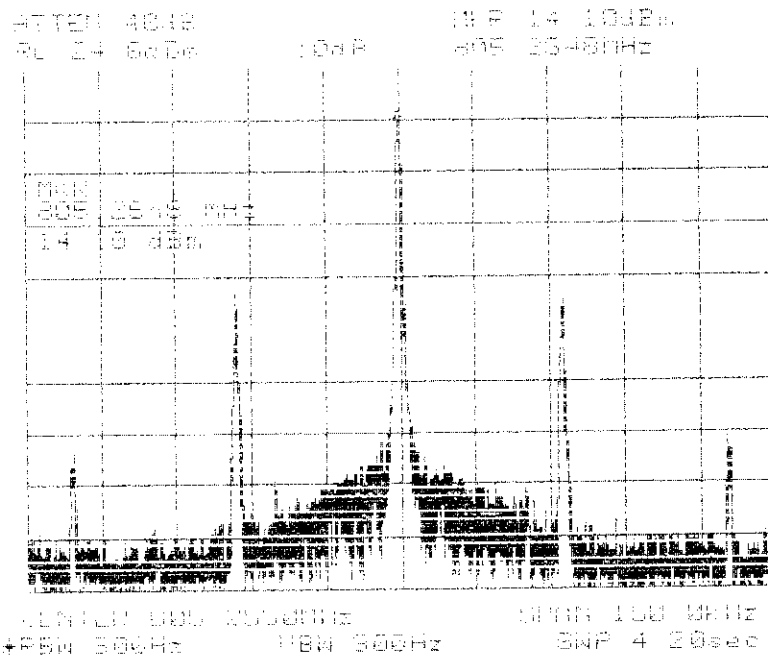
$$B_n = 2M + 2D$$

$$M = \text{Max. Modulation Frequency} = 10 \text{ KHz}$$

$$D = \text{Peak Frequency Deviation} = 18.11 \text{ KHz} \quad (\text{Chart 3-1})$$

$$K = 1$$

$$B_n = 56.22 \text{ KHz}$$



100Hz

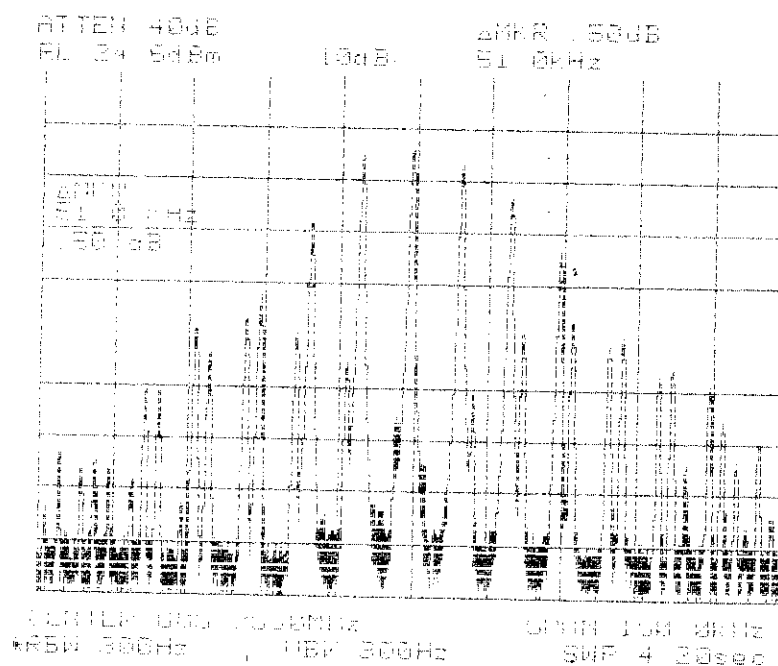
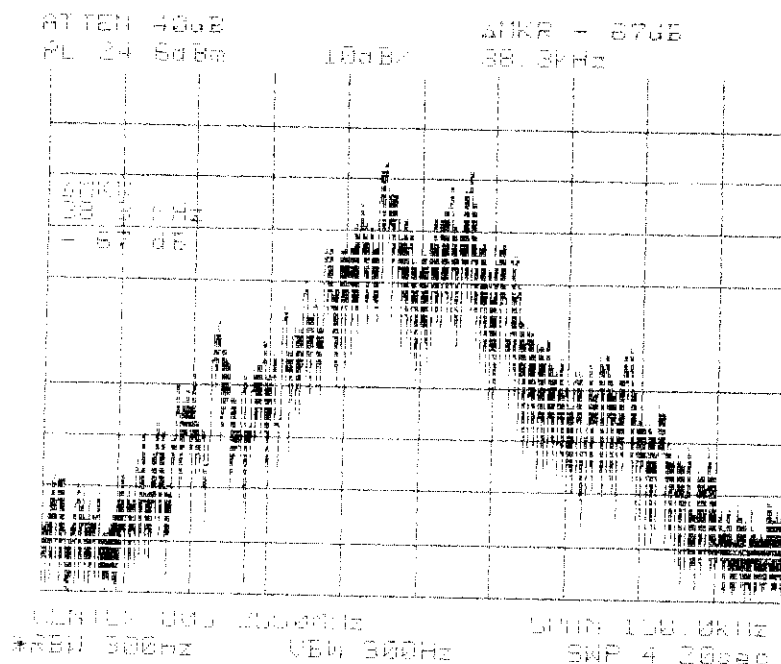


Chart 5 . Field Strength of Spurious Radiation Measurement

5.1 Rules and Specification Limits

2.993 (a) : Measurements shall be made to detect spurious emissions that may be radiated directly from the cabinet, control circuits,. Power leads, or intermediate circuit elements under normal conditions of installation and operation.

74.861(e)(b)(iii) : Spurious and harmonics must be at least $43 + 10 \log(\text{Output Power})$ below the Carrier peak

2.997 : In all measurements set forth , the spectrum should be investigated from the lowest radio frequency generated in the equipment up to at least the 10th harmonic of the carrier frequency.

5.2 Measurement Condition & Setup

Pretest : Prior to the final test (OATS test) ,the EUT is placed in a shielded enclosure ,GTEM, and scan from 30MHz to 1GHz.This is done to ensure the radiation exactly emits form the EUT.

Final test : Final radiation measurements is made on a **3 - meter**, open-field test site. The EUT is placed on a nonconductive table which is 0.8 m height, the top surface is 1.0 x 1.5 meter. All the placement is according to ANSI C63.4 - 1992.

The spectrum is examined from 30 MHz to 1000 MHz measured by HP spectrum.

The EMCO whole range Antenna is used to measure frequency from 30 MHz to 1GHz.The final test is used the spectrum HP 8594EM .

Measure more than six top marked frequencies generated form pretest by computer step by step at each frequency . The EUT is rotated 360 degrees, and antenna is raised and lowered from 1 to 4 meter to find the maximum emission levels. The antenna is used with both horizontal and vertical polarization.

Appropriated preamplifier which is made by TRC is used for improving sensitivity and precautions is taken to avoid overloading .The spectrum analyzer's 6dB bandwidth is set to 120 K Hz , and the EUT is measured at quasi-peak mode.

If the emission is close to the frequency band of ambient ,the data will be rechecked by the tester and the corrected data will be written in the test data sheet. If the emission is just within the ambient ,the data from GTEM will be taken as the final data.

The actual field intensity in decibels referenced to 1 microvolt per meter (dBuV/m) is determined by algebraically adding the measured reading in dBuV, the antenna factor (dB) and cable loss (dB) at the appropriate frequency .

$$FI_a \text{ (dBuV/m)} = FI_r \text{ (dBuV)} + AF \text{ (dB)} + CL \text{ (dB)}$$

FI_a : Actual Field Intensity

FI_r : Reading of the Field Intensity

AF : Antenna Factor CL : Cable Loss

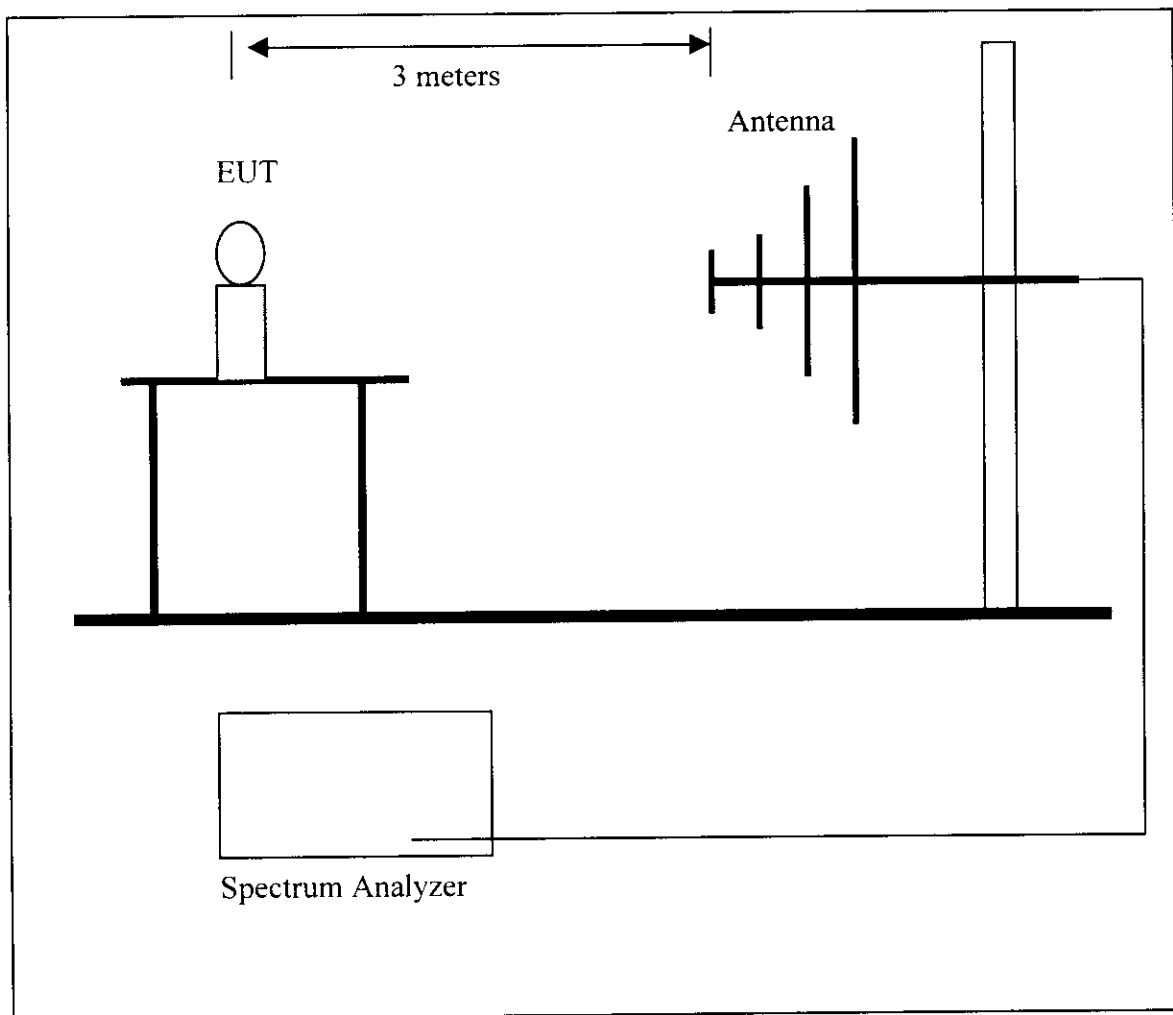
AF : Antenna Factor CL : Cable Loss

5.3 List of Measurement Instruments

Instrument name	Model No.	Brand	Serial No.	<u>Calibration Date</u>	
				Last	Next
Spectrum analyzer	8568B	H P	3004A18617	05/15/98	05/15/99
Quasi-peak Adapter	85650A	H P	2521A00984	05/15/98	05/15/99
RF Pre-selector	85685A	H P	2947A01011	05/15/98	05/15/99
Spectrum analyzer	8594EM	H P	3619A00198	08/07/97	08/07/98
Antenna(30M-2G Hz)	3142	EMCO	9610-1094	10/30/97	10/30/98
Open test side (Antenna ,Amplify, cable calibrated together)				05/15/98	05/15/99

The level of confidence of 95% ,the uncertainty of measurement of radiated emission is ± 4.96 dB .

5.4 Measurement Configuration



5.5 Measurement Result :(Horizontal)

Test Conditions:

Testing room : Temperature : 28° C Humidity : 66% RH
 Testing site : Temperature : 28 ° C Humidity : 80 % RH

Frequency	Reading Amplitude	Ant. Height	Table	Correction Factors	Corrected Amplitude	limit	Margin
MHz	dBuV	m	degree	dB/m	dBuV/m	dBuV/m	dB
201.377	47.88	4.00	119	-9.73	38.15	54.38	-16.23
402.627	50.90	1.00	271	-16.98	33.92	54.38	-20.46
603.941	42.05	1.00	55	-9.76	32.29	54.38	-22.09
788.477	39.63	1.00	206	-6.76	32.87	54.38	-21.51
822.029	38.09	1.00	258	-6.57	31.52	54.38	-22.86
855.581	39.33	1.00	60	-6.16	33.17	54.38	-21.21

Note:

- 1.Margin = Amplitude - limit, *if margin is minus means under limit.*
- 2.Corrected Amplitude = Reading Amplitude - Correction Factors
- 3.Correction factor = Antenna factor + (Cable Loss - Amplitude gain)
 (For example : 30MHz correction factor = 15.5 + (-15.26) = 0.24 dB/m)
4. Attenuation required = $43 + 10 \log (0.033 \text{ mW}) = 28.19$
 Limit = $82.57 - 28.19 = 54.38$

Radiated Emission Test Result :(Vertical)

Frequency	Reading	Ant.	Table	Correction	Corrected		Margin
	Amplitude	Height		Factors	Amplitude	limit	
MHz	dBuV	m	degree	dB/m	dBuV/m	dBuV/m	dB
201.377	48.85	1.00	248	-9.73	39.12	54.38	-15.26
402.627	59.17	4.00	126	-16.98	42.19	54.38	-12.19
603.941	46.15	1.00	172	-9.76	36.39	54.38	-17.99
788.477	46.97	1.00	199	-6.76	40.21	54.38	-14.17
822.029	47.75	1.00	113	-6.57	41.18	54.38	-13.20
855.581	45.04	1.00	173	-6.16	38.88	54.38	-15.50

Chart 6 Frequency Stability Tolerance Measurement

6.1 Rules and Specification Limits

2.995

74.861(e)(4): The frequency tolerance of the transmitter shall be 0.005 percent.

6.2 Measurement Condition & Setup with Temperature Variation

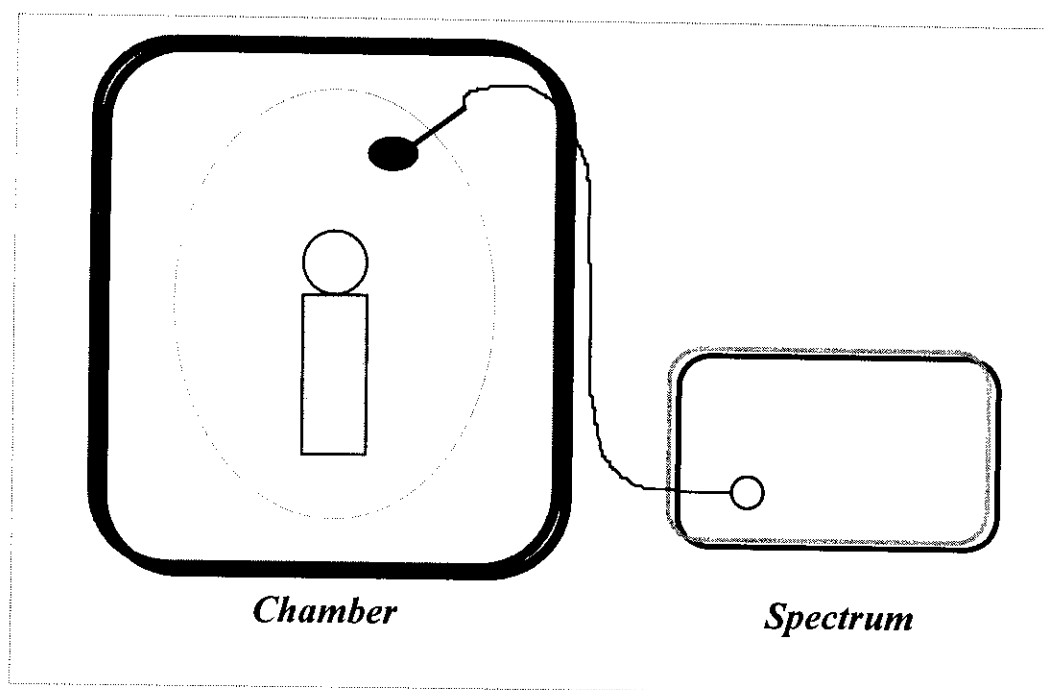
1. Place the EUT in the chamber, powered in its normal operation .
2. Set the temperature of the chamber –30 degree Centigrade. Allow the equipment to stabilize at that temperature .
3. Measured the carrier frequency using preamplifier and frequency counter.
4. Repeated procedures 1 to 3 from –20 to 50 degree Centigrade at internals of 10 degree.

6.3 List of Measurement Instruments with Temperature Variation

List of test Instrument :

Instrument name	Model No.	Brand	Remark
Spectrum Analyzer	8591A	H P	1.8GHz
Temperature Chamber	THS-MV2	King Son	
Near field Probe	7405-901	EMCO	
Power Supply			
Auto Transformer	Powerstat	Supprior Elec. Co.	

6.4 Measurement Configuration of Temperature variation test :



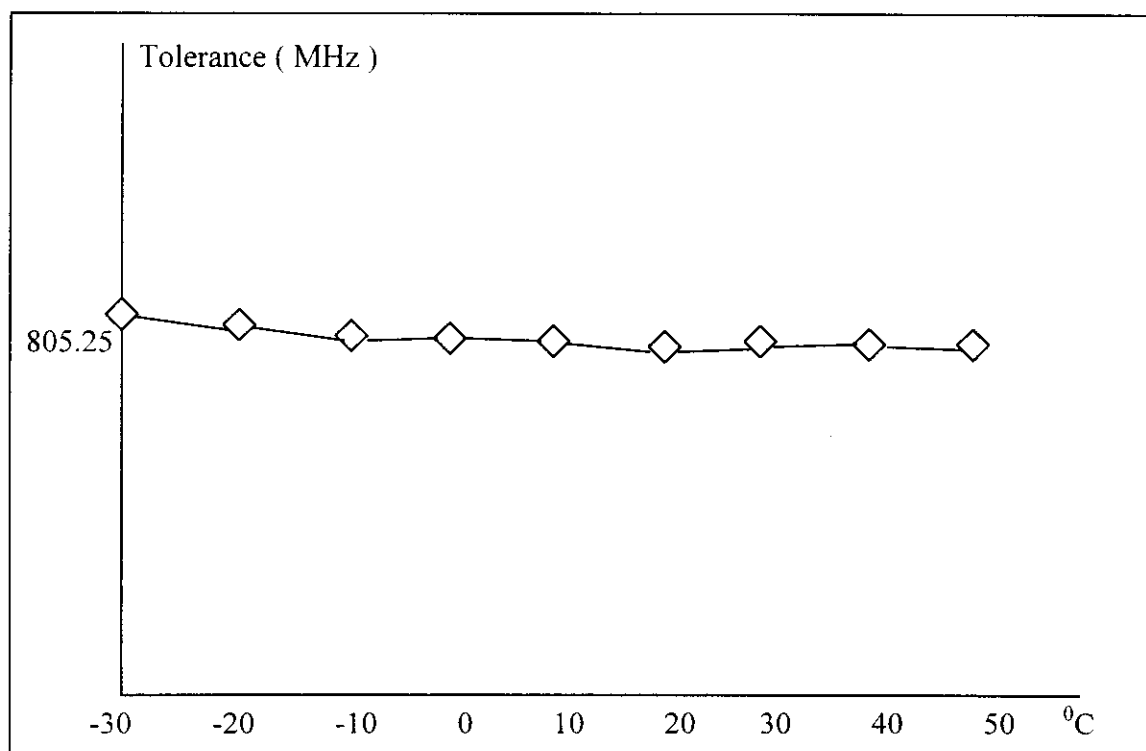
6.5 Measurement Result with Temperature Variation

A plot and table is presented which illustrates compliance with the rule where the center frequency is 805.25 MHz.

Temperature Variation Table

Temperature (Centigrade)	Frequency (MHz)	Tolerance (MHz)
-30	805.26662	805.20974~805.29026
-20	805.26507	805.20974~805.29026
-10	805.26223	805.20974~805.29026
0	805.25730	805.20974~805.29026
10	805.25341	805.20974~805.29026
20	805.25084	805.20974~805.29026
30	805.25506	805.20974~805.29026
40	805.25108	805.20974~805.29026
50	805.25053	805.20974~805.29026

Temperature Variation Vs. Frequency Chart



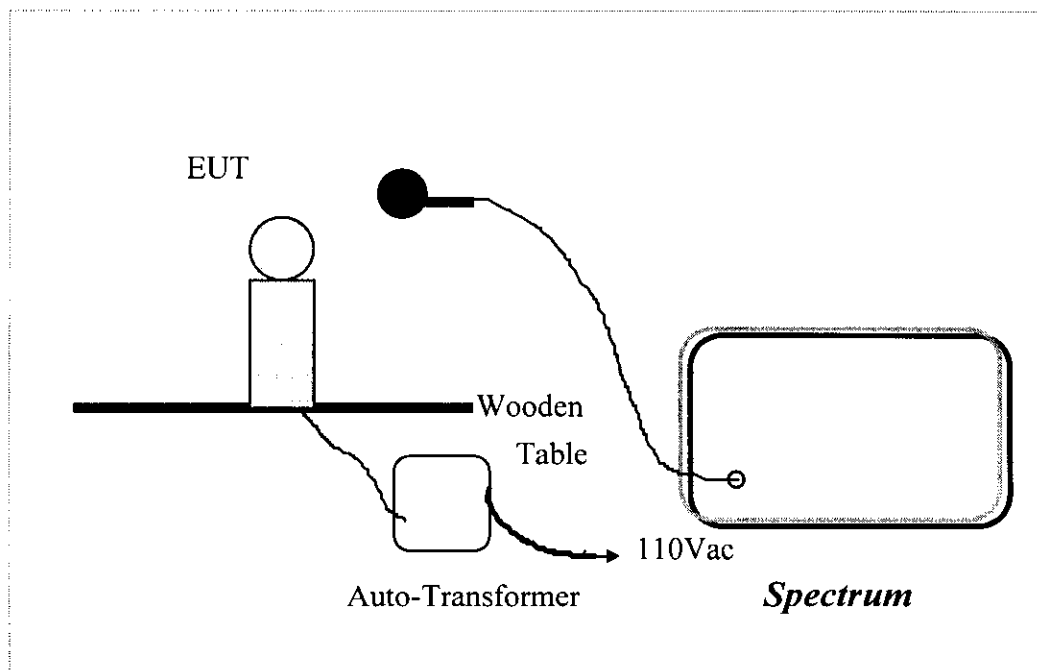
6.6 Measurement Condition & Setup with Voltage Variation

1. Attached the power line of the power supply to the battery position of the EUT.
2. Tuned the output power level to battery end point , 85 % , 100%, 115% of the normal operation power of EUT.
3. Recorded the frequency with a frequency counter .

6.7 List of test Instrument :

Instrument name	Model No.	Brand	Remark
Spectrum Analyzer	8591A	H P	1.8GHz
Temperature Chamber	THS-MV2	King Son	
Near field Probe	7405-901	EMCO	
Power Supply			
Auto Transformer	Powerstat	Supprior Elec. Co.	

5.8 Configuration of Voltage variation test :



6.9 Measurement Result with Voltage Variation

Frequency Stability of Voltage Variation Measurement Table

Supply Voltage (Volt)	Frequency (MHz)	Tolerance (MHz)
7.65 (85%)	805.25451	805.20974~805.29026
9.00 (100%)	805.25486	805.20974~805.29026
10.35 (115%)	805.25504	805.20974~805.29026
Endpoint-Voltage 5.10V		

Voltage Variation Vs. Frequency Chart

