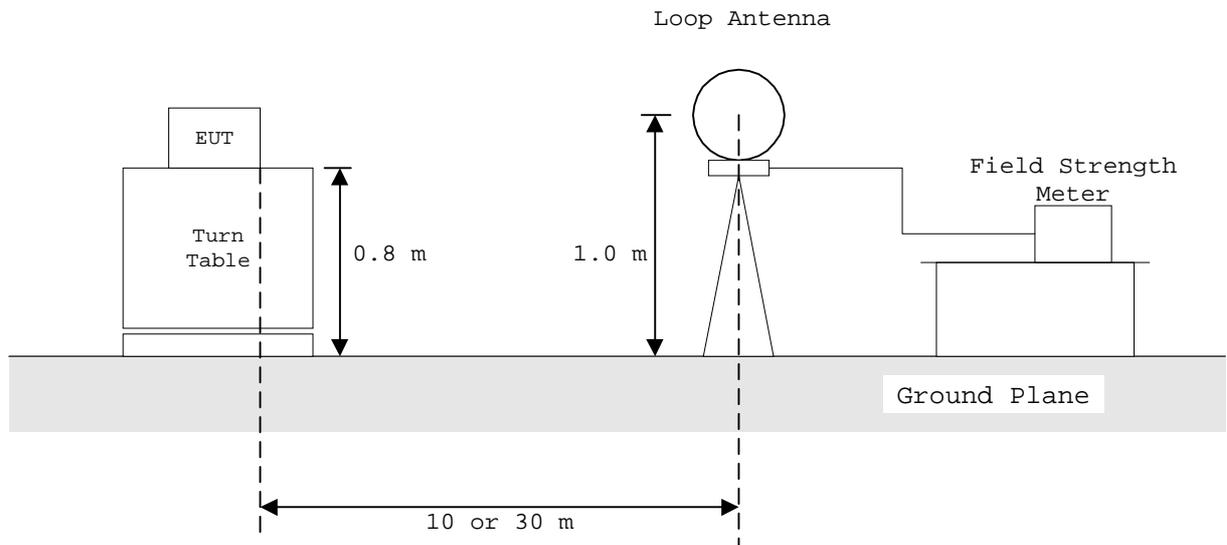
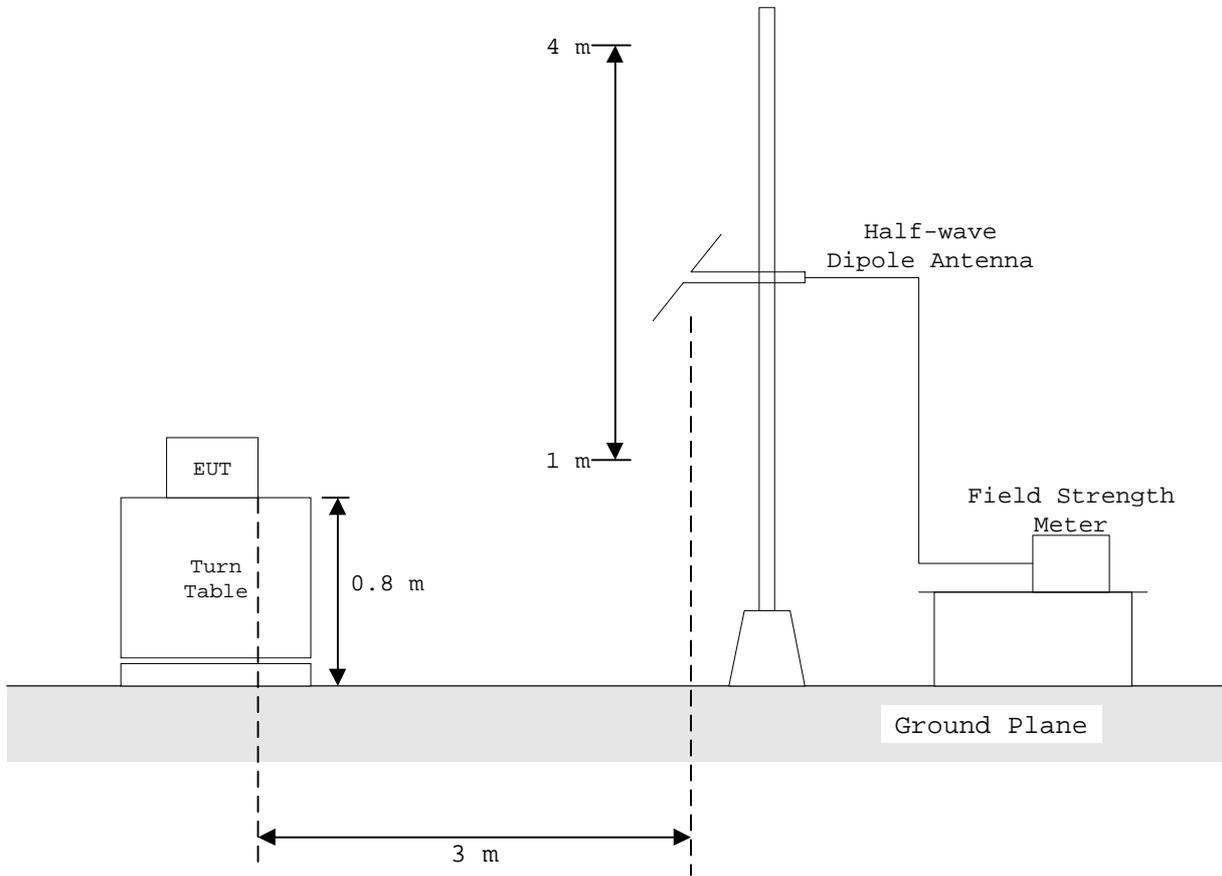


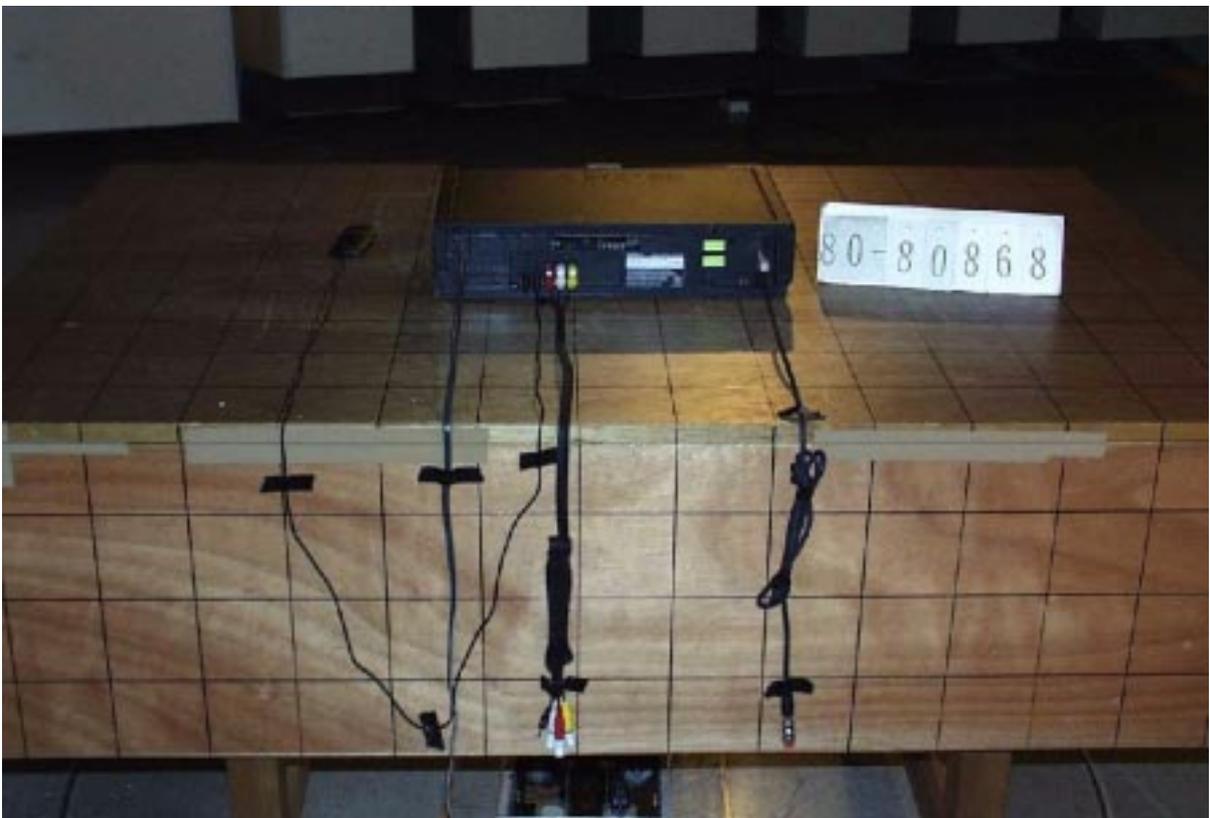
MEASUREMENT SET-UP FOR UP TO 30 MHz



MEASUREMENT SET-UP FOR RADIATED EMISSIONS



Configuration of EUT



3. Emission Limitation: [§15.231(c)]

Measurement Method Employed: By using a spectrum analyzer with a vertical antenna for picking up the signal, the measurements of the fundamental frequency were made under the following transmitting modes of the EUT.

Measurements Results :

Refer to the attached graphs.

Emission Limitation

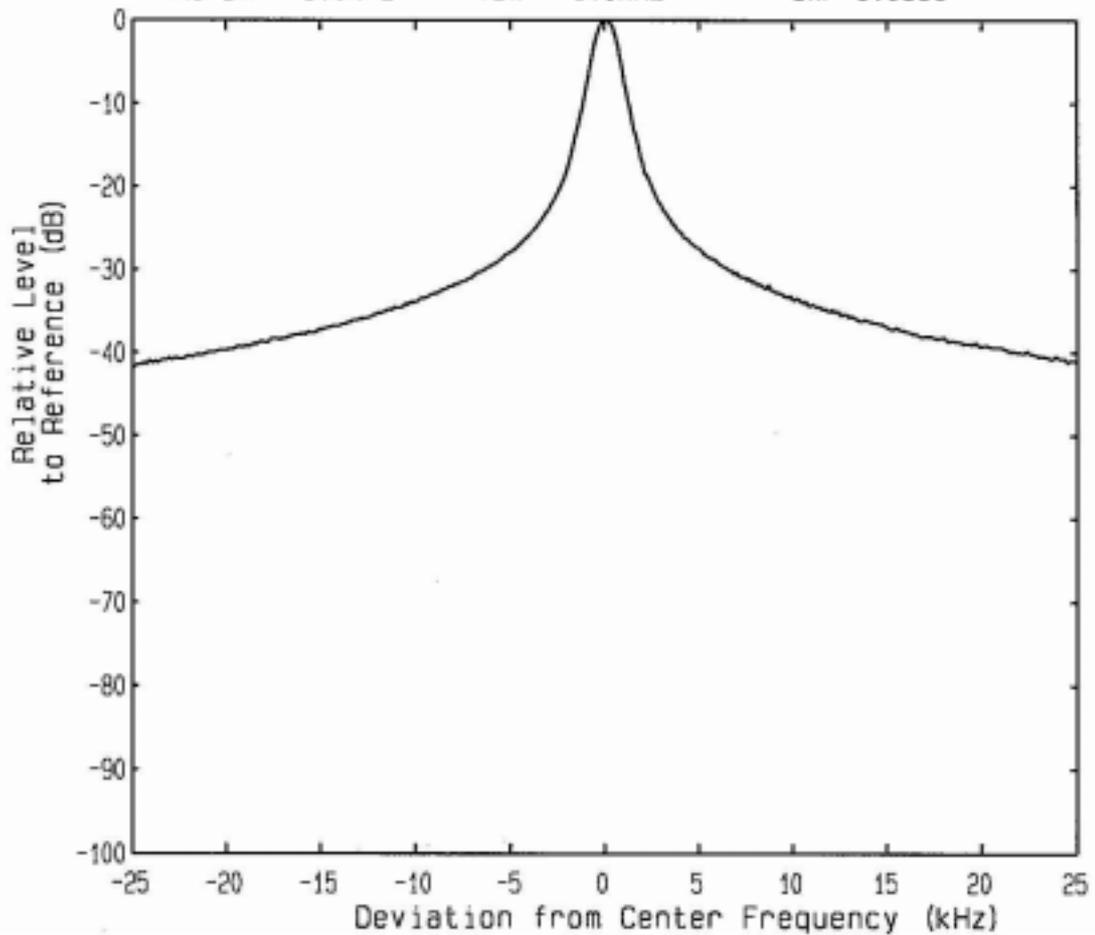
FCC ID : AK8SLVM11HF

Model : SLV-M11HF

Mode of EUT : Internal Large Antenna

Internal Modulation

REF 69.2dBuV CENTER 13.560MHz SPAN 50kHz
RES BW 1.0kHz VBW 1.0kHz SWP 1.0sec



Emission Limitation

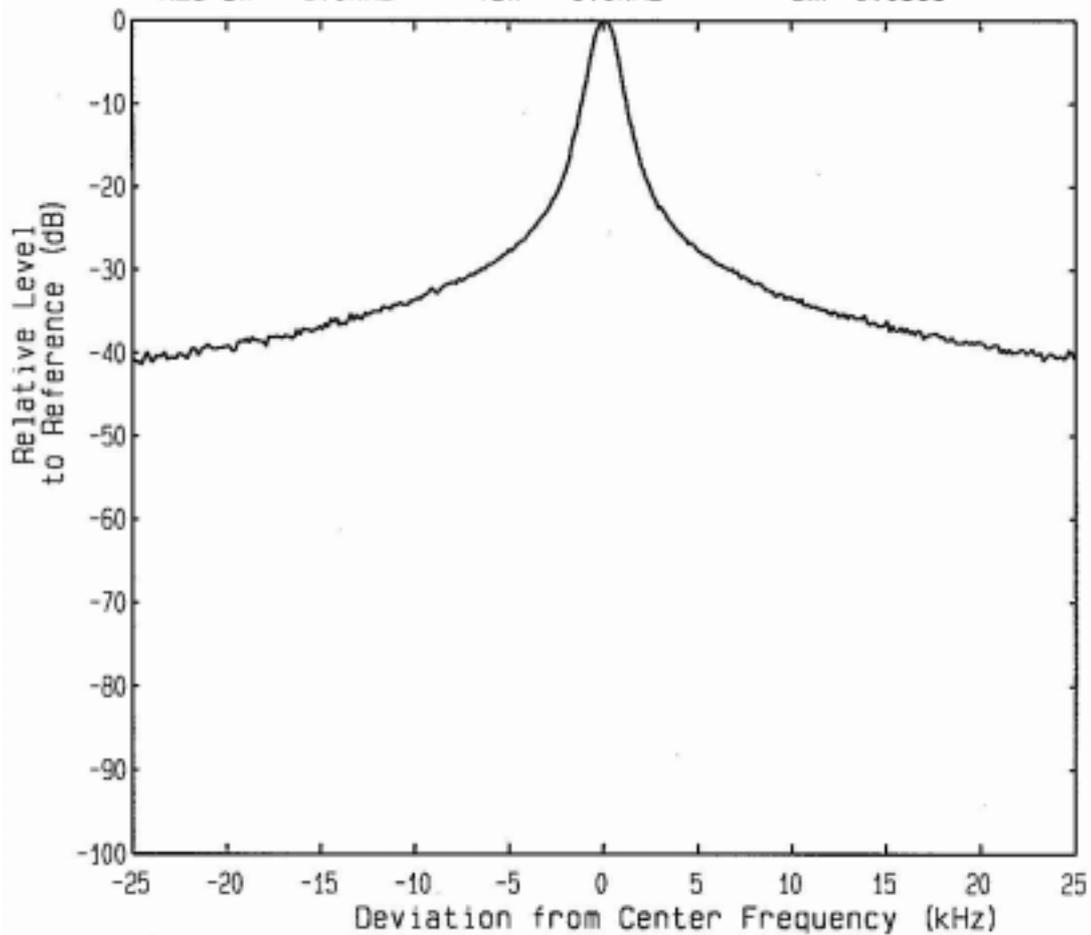
FCC ID : AK8SLVM11HF

Model : SLV-M11HF

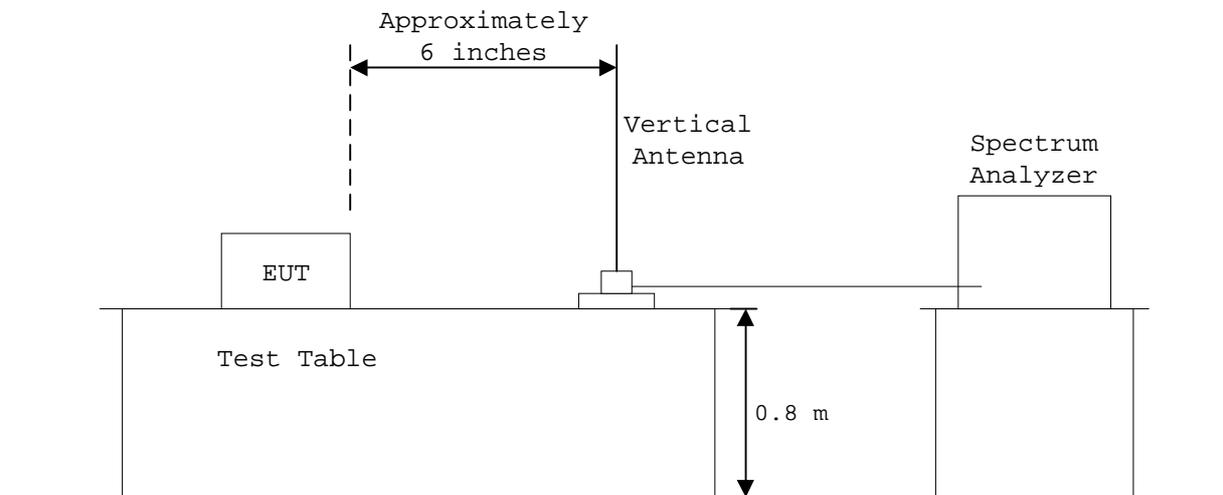
Mode of EUT : Internal Small Antenna

Internal Modulation

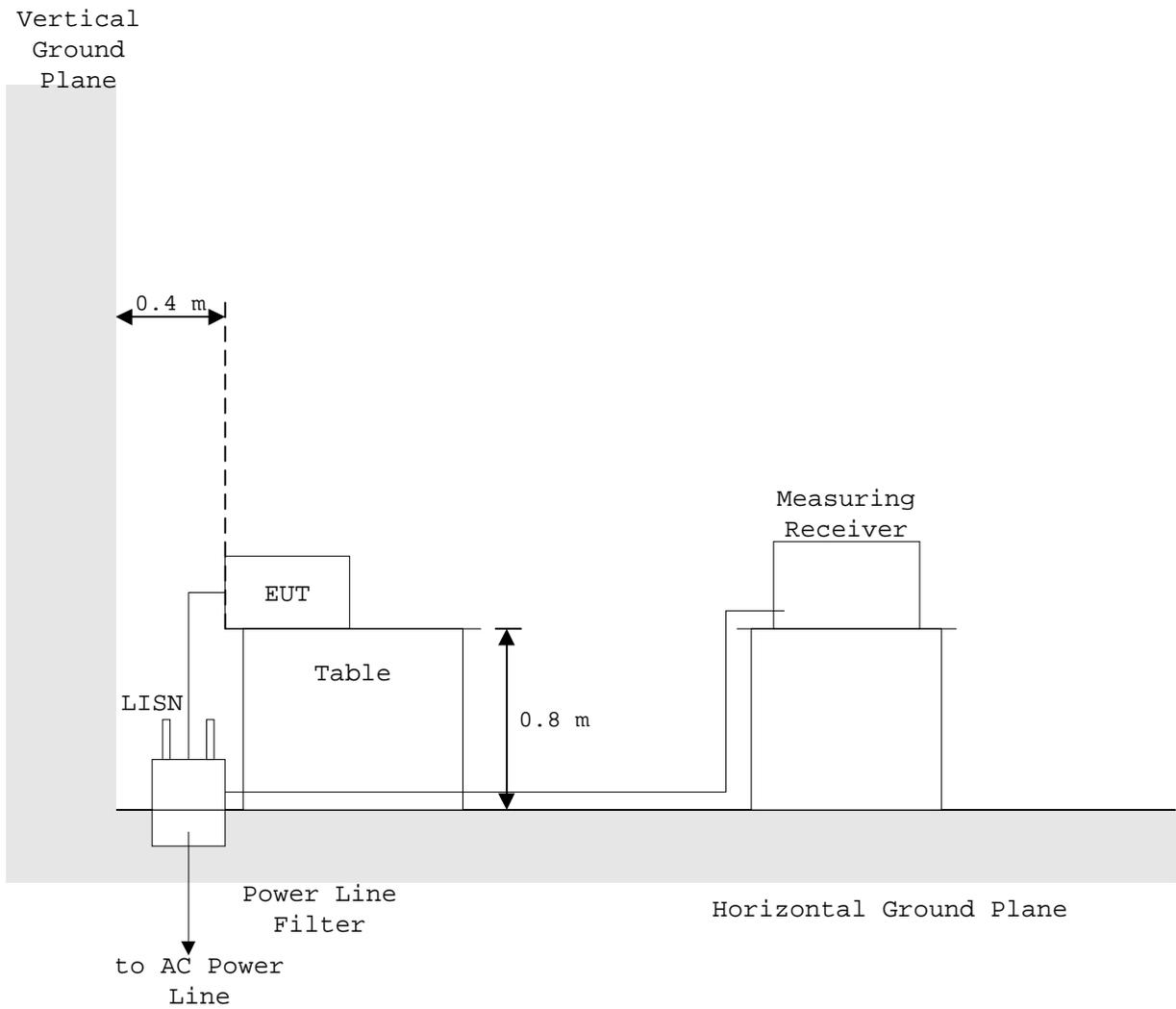
REF 58.9dBuV CENTER 13.560MHz SPAN 50kHz
RES BW 1.0kHz VBW 1.0kHz SWP 1.0sec



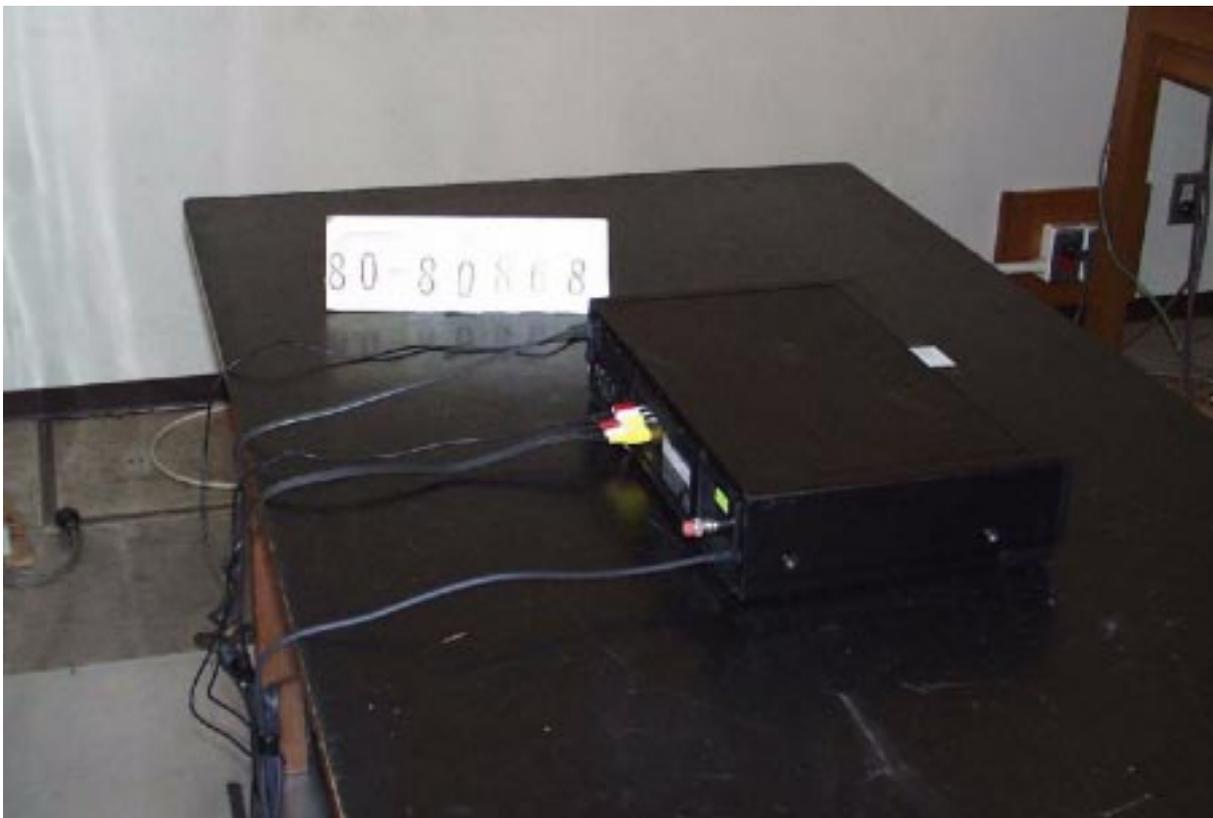
MESUREMENT SET-UP FOR BAND WIDTH



MEASUREMENT SET-UP FOR LINE CONDUCTED RF VOLTAGE



Configuration of EUT



5. Frequency Stability : [§15.225(c)]

Measurement Method Employed:

By using frequency counter with suitable RF amplifier, the carrier frequency of the transmitter under test was measured with a temperature variation of -20°C to +50°C at the normal supply voltage, and with a variation in the primary voltage from 85 % to 115 % the rated supply voltage at the temperature of +20°C.

Measurement Results :

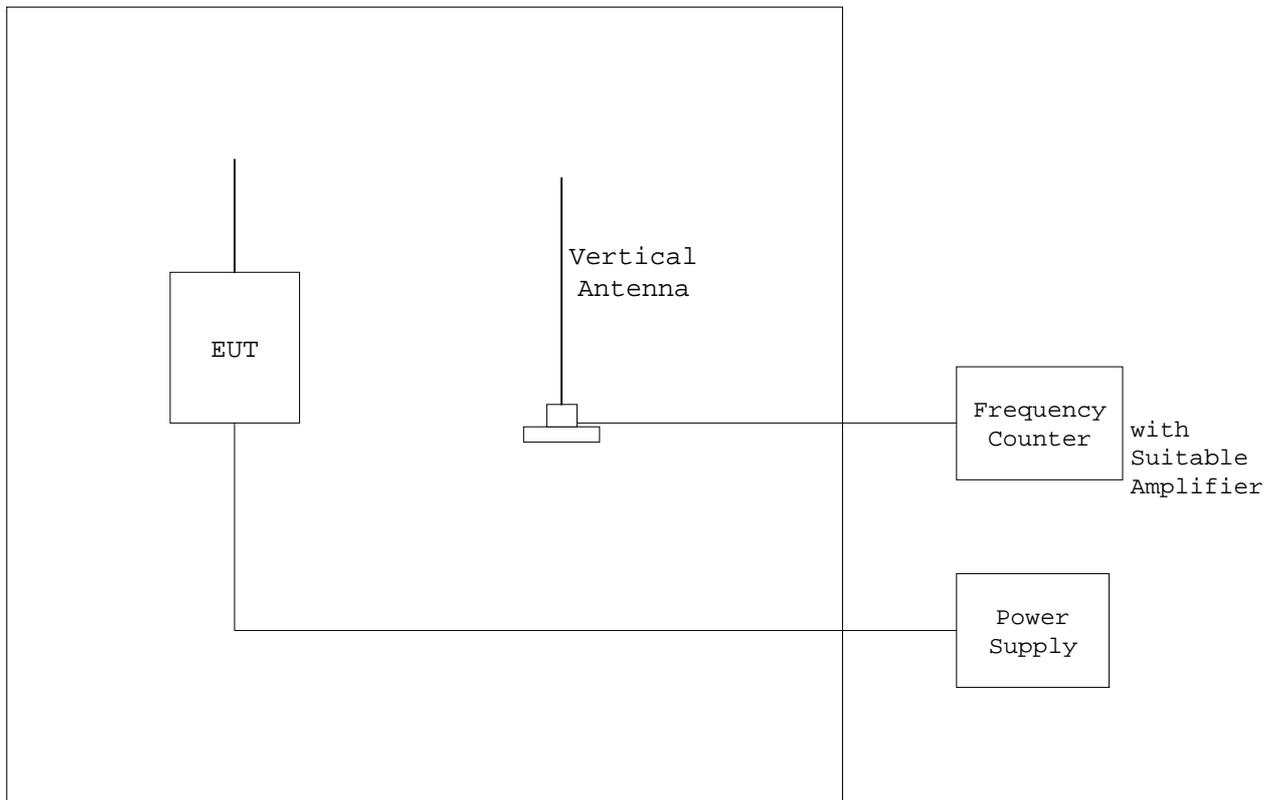
OPERATING FREQUENCY : 13.56 MHz

Ambient Temperature (°C)	Frequency tolerance with time elapse(%)			
	0 minute	2 minutes	5 minutes	10 minutes
-20	-0.00031	-0.00018	-0.00005	+0.00009
+50	+0.00066	+0.00068	+0.00072	+0.00077

Primary Supply Voltage (V)	Frequency tolerance with time elapse(%)			
	0 minute	2 minutes	5 minutes	10 minutes
at 20°C 102 (85%)	+0.00060	+0.00060	+0.00060	+0.00061
120 (100%)	+0.00060	+0.00060	+0.00060	+0.00061
138 (115%)	+0.00060	+0.00060	+0.00060	+0.00061

Specified Limit ±0.01%

MESUREMENT SET-UP FOR FREQUENCY STABILITY TOLERANCE



LIST OF MEASUREMENT EQUIPMENT

<u>Equipment (Model No.)</u>	<u>Manufacturer</u>	<u>Date of Cal.</u>
1. Field Strength Meter		
ESVP	Rohde & Schwarz	May 1998
ESH3	Rohde & Schwarz	May 1998
2. Spectrum Analyzer		
8566B	Hewlett Packard	April 1998
3. Tuned Dipole Antenna		
KBA-511	Kyoritsu Electrical Works	November 1998
KBA-611	Kyoritsu Electrical Works	November 1998
4. Vertical Antenna		
91972-2	Stoddard Aircraft Radio Co., Ltd.	-
5. LISN		
KNW-407	Kyoritsu	March 1998
6. Frequency Counter		
53131A	Hewlett Packard	June 1998
7. Oven		
-	Ohnishi Co., Ltd.	July 1998
8. Loop Antenna		
HFH2-Z2	Rohde & Schwarz	November 1998