

- (a) **Name of applicant:** Sony Corporation  
7-35 Kitashinagawa 6-chome,  
Shinagawa-ku, Tokyo, 141 JAPAN  
  
(Manufacturer of the subject model)
- (b) **Identification of equipment:** SONY WRT-808A(64)  
FCC ID: AK8WRT808A64
- (c) **Production quantity:** 10000 units
- (d) **Technical description:**
- (1) **Type of emission:** 110KF3E
- (2) **Frequency range:** 770.125MHz – 781.875MHz  
(Refer to Page 3)
- (3) **Operating power:** 50 mW
- (4) **Maximum power rating:** 250 mW
- (5) **The DC voltage and DC current rating of the final radio frequency amplifying device:**  
Collector voltage: 5.0 V DC  
Collector current: 35 mA DC
- (6) **Function of each semiconductor:**  
Refer to the attached block diagram. (Page 4 )
- (7) **Complete circuit diagram:**  
Refer to the attached circuit diagrams. (Page 5 - 7 )
- (8) **Instruction book:**  
Refer to the attached instruction manual. (Page 8 - 19 )
- (9) **Tune-up procedure at specific operating power levels:**  
Refer to the attached Tune-up procedure. (Page 20 )
- (10) **A description of circuitry for determining and stabilizing frequency:**  
Refer to the attached description. (Page 21 )
- (11) **A description of circuits for suppression of spurious radiation:**  
Refer to the attached description. (Page 22 )

**(e) The measurement data required by sec. 2.1046 through 2.1057**

Refer to the attached report of measurement.

(Page 23 - 45 )

**(f) Drawing of the equipment identification plate:**

Refer to the attached drawings.

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**(g) Photographs of the equipment construction:**

Refer to the attached photos.

(d)-(2) Frequency range

| TRANSMITTING CHANNEL AND FREQUENCY [WRT-808A(64)] |                               |         |                               |
|---------------------------------------------------|-------------------------------|---------|-------------------------------|
| Channel                                           | Frequency (MHz)<br>TV-64 Band | Channel | Frequency (MHz)<br>TV-65 Band |
| 64-01                                             | 770.125                       | 65-01   | 776.125                       |
| 64-02                                             | 770.250                       | 65-02   | 776.250                       |
| 64-03                                             | 770.375                       | 65-03   | 776.375                       |
| 64-04                                             | 770.500                       | 65-04   | 776.500                       |
| 64-05                                             | 770.625                       | 65-05   | 776.625                       |
| 64-06                                             | 770.750                       | 65-06   | 776.750                       |
| 64-07                                             | 770.875                       | 65-07   | 776.875                       |
| 64-08                                             | 771.000                       | 65-08   | 777.000                       |
| 64-09                                             | 771.125                       | 65-09   | 777.125                       |
| 64-10                                             | 771.250                       | 65-10   | 777.250                       |
| 64-11                                             | 771.375                       | 65-11   | 777.375                       |
| 64-12                                             | 771.500                       | 65-12   | 777.500                       |
| 64-13                                             | 771.625                       | 65-13   | 777.625                       |
| 64-14                                             | 771.750                       | 65-14   | 777.750                       |
| 64-15                                             | 771.875                       | 65-15   | 777.875                       |
| 64-16                                             | 772.000                       | 65-16   | 778.000                       |
| 64-17                                             | 772.125                       | 65-17   | 778.125                       |
| 64-18                                             | 772.250                       | 65-18   | 778.250                       |
| 64-19                                             | 772.375                       | 65-19   | 778.375                       |
| 64-20                                             | 772.500                       | 65-20   | 778.500                       |
| 64-21                                             | 772.625                       | 65-21   | 778.625                       |
| 64-22                                             | 772.750                       | 65-22   | 778.750                       |
| 64-23                                             | 772.875                       | 65-23   | 778.875                       |
| 64-24                                             | 773.000                       | 65-24   | 779.000                       |
| 64-25                                             | 773.125                       | 65-25   | 779.125                       |
| 64-26                                             | 773.250                       | 65-26   | 779.250                       |
| 64-27                                             | 773.375                       | 65-27   | 779.375                       |
| 64-28                                             | 773.500                       | 65-28   | 779.500                       |
| 64-29                                             | 773.625                       | 65-29   | 779.625                       |
| 64-30                                             | 773.750                       | 65-30   | 779.750                       |
| 64-31                                             | 773.875                       | 65-31   | 779.875                       |
| 64-32                                             | 774.000                       | 65-32   | 780.000                       |
| 64-33                                             | 774.125                       | 65-33   | 780.125                       |
| 64-34                                             | 774.250                       | 65-34   | 780.250                       |
| 64-35                                             | 774.375                       | 65-35   | 780.375                       |
| 64-36                                             | 774.500                       | 65-36   | 780.500                       |
| 64-37                                             | 774.625                       | 65-37   | 780.625                       |
| 64-38                                             | 774.750                       | 65-38   | 780.750                       |
| 64-39                                             | 774.875                       | 65-39   | 780.875                       |
| 64-40                                             | 775.000                       | 65-40   | 781.000                       |
| 64-41                                             | 775.125                       | 65-41   | 781.125                       |
| 64-42                                             | 775.250                       | 65-42   | 781.250                       |
| 64-43                                             | 775.375                       | 65-43   | 781.375                       |
| 64-44                                             | 775.500                       | 65-44   | 781.500                       |
| 64-45                                             | 775.625                       | 65-45   | 781.625                       |
| 64-46                                             | 775.750                       | 65-46   | 781.750                       |
| 64-47                                             | 775.875                       | 65-47   | 781.875                       |