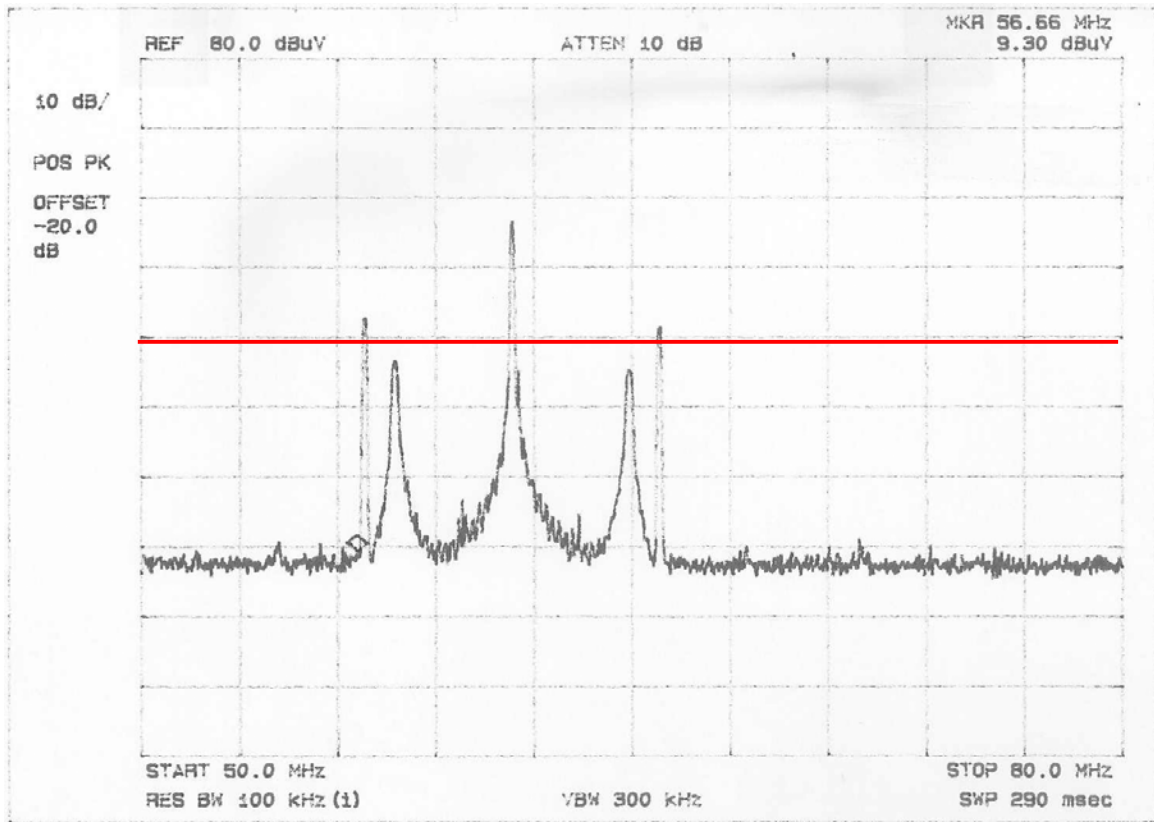
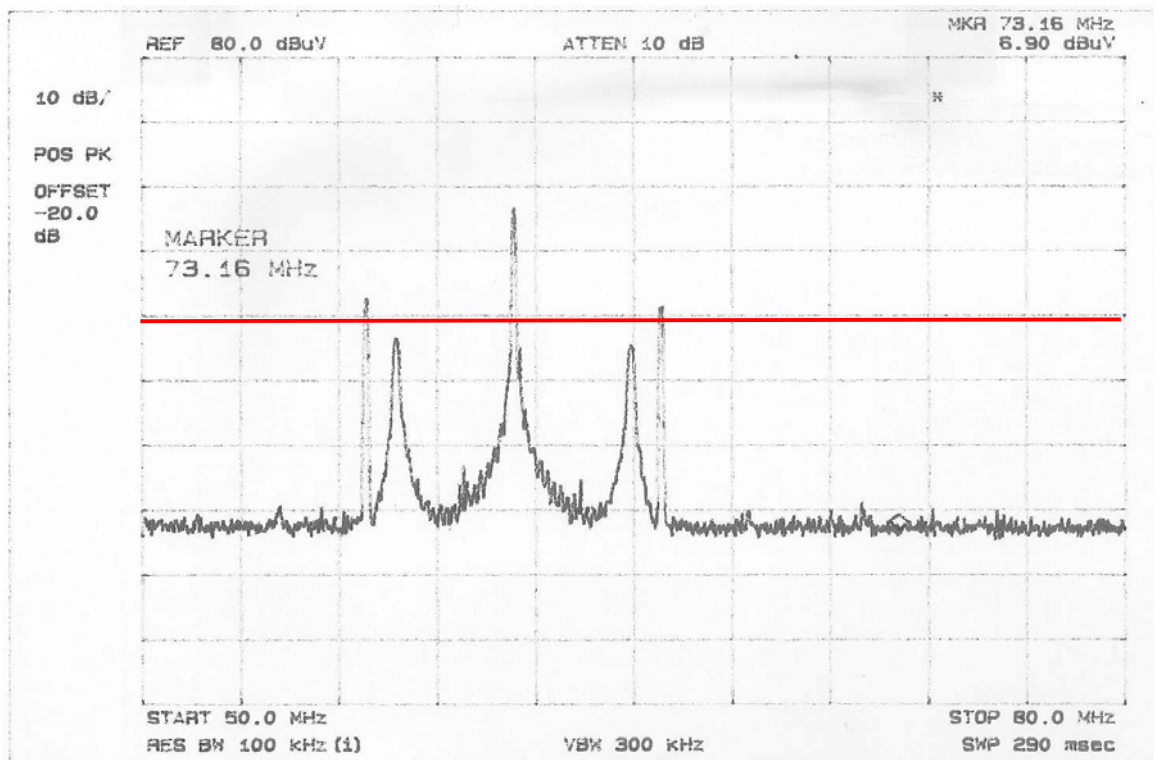


Output Terminal Conducted Spurious Emission

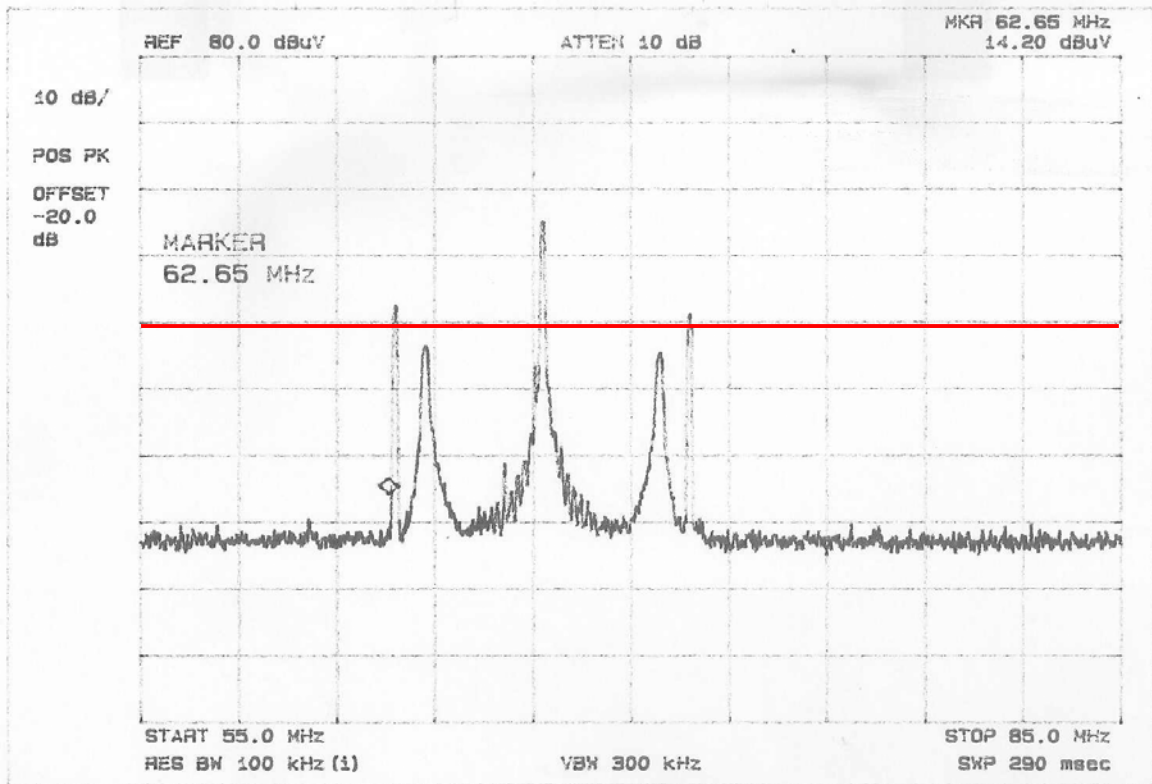


CH3 Record

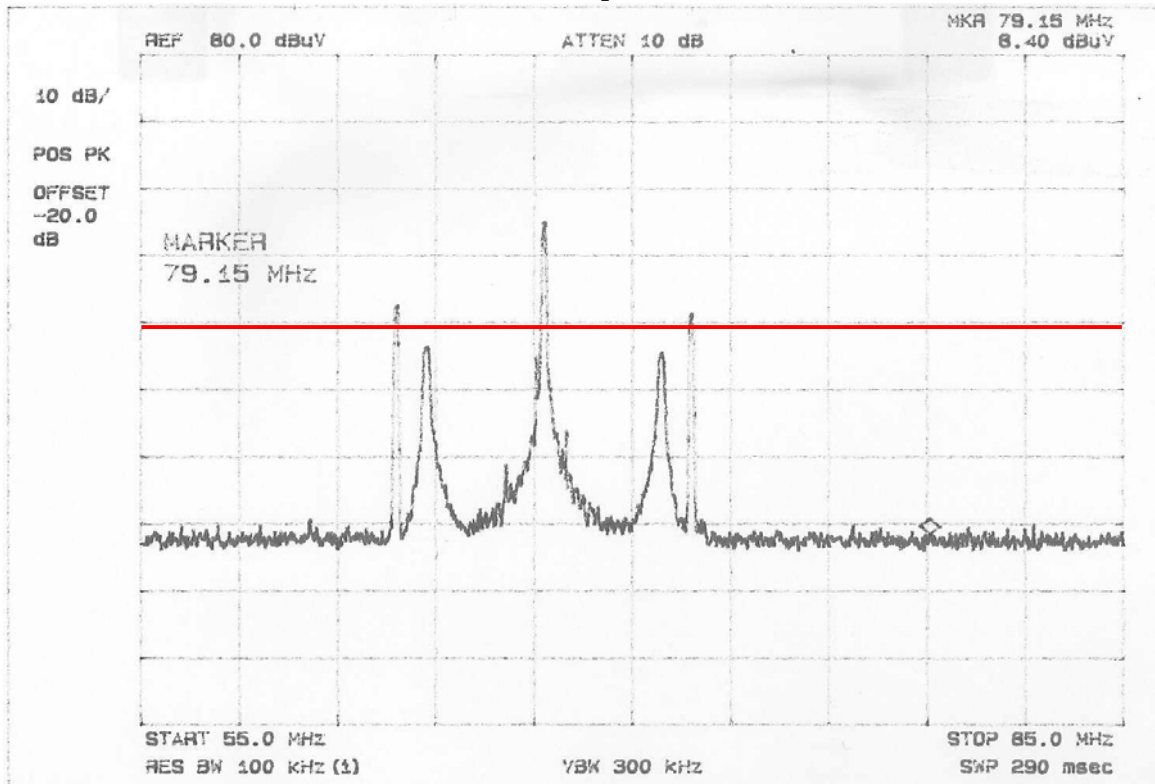


CH3 Record

Output Terminal Conducted Spurious Emission

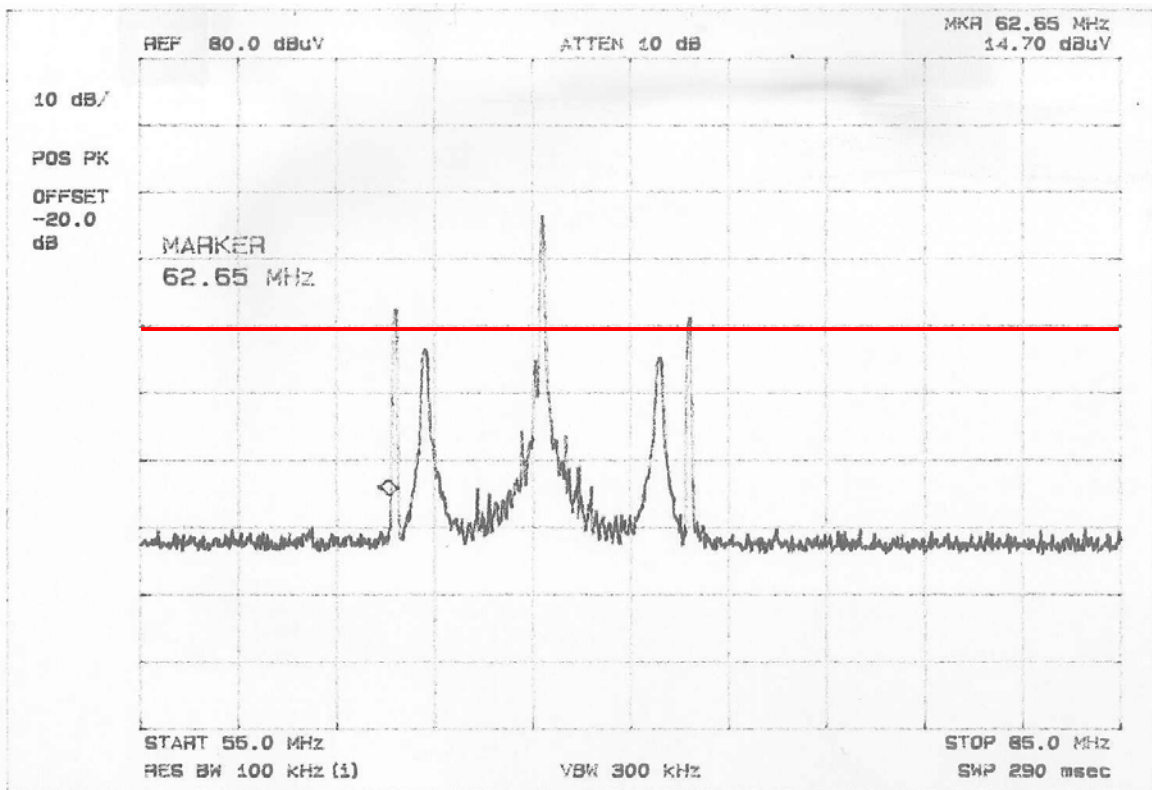


CH4 Playback

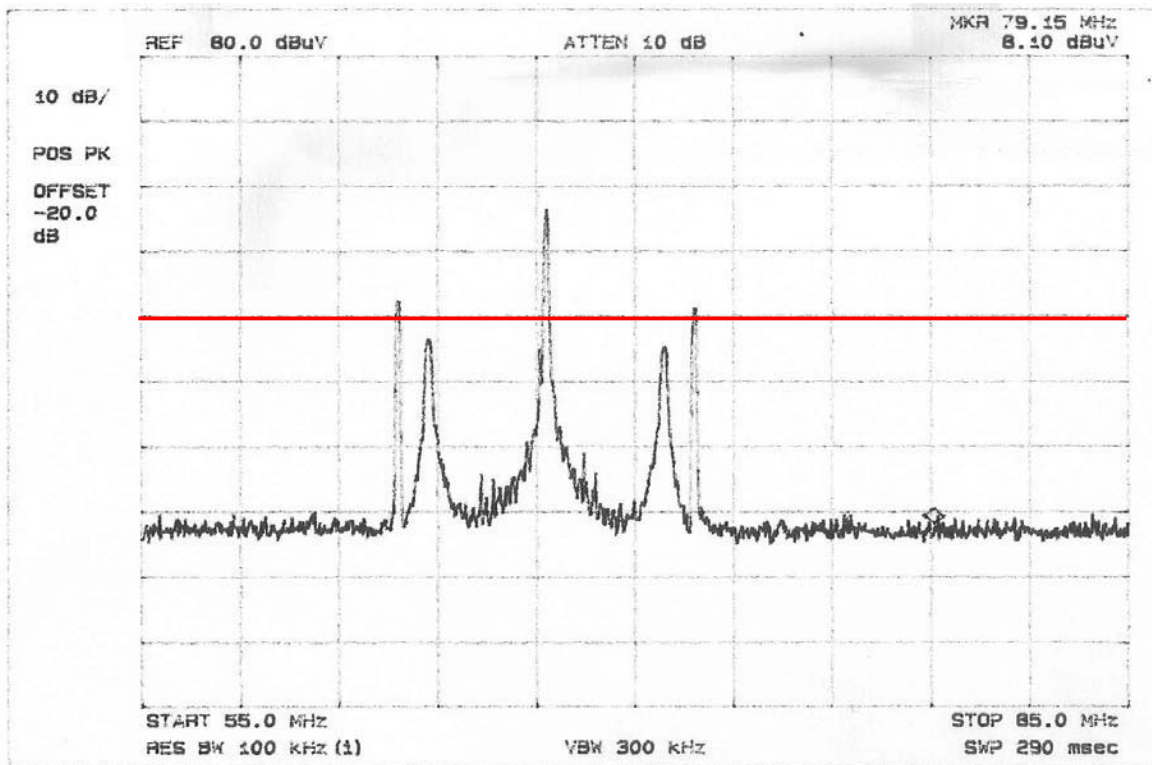


CH4 Playback

Output Terminal Conducted Spurious Emission



CH4 Record



CH4 Record

TEST CONDITIONS AND DATA

Transfer Switch Isolation Measurement

[Applicable]

◆ Test Equipment Used

The test equipment used is calibrated in regular for every year.

| <u>Model Name</u> | <u>Manufacturer</u> | <u>Descriptions</u> | <u>Calibration Date</u> | <u>Serial Number</u> |
|-------------------|---------------------|------------------------|-------------------------|----------------------|
| 8566B | Hewlett Packard | Spectrum Analyzer | Nov. 29, 2005 | 3014A07159 |
| 85685A | Hewlett Packard | RF preselector | Nov. 29, 2005 | 2817A00760 |
| RAM | Rohde & Schwarz | 50/75ohms matching pad | - | 836625/033 |

◆ Auxiliary Equipment Used

| <u>Model Name</u> | <u>Manufacturer</u> | <u>Descriptions</u> |
|-------------------|---------------------|---------------------|
| 14C5NT | Daewoo Electronics. | Color TV Receiver |

◆ Accessories including cables

| <u>Name</u> | <u>Length</u> | <u>Port and Descriptions</u> |
|-------------|---------------|------------------------------|
| RCA | 1.5m | Video / Audio |

◆ Environmental Conditions

| | |
|---------------------|-----------|
| Temperature | 17 °C |
| Humidity | 48 % |
| Atmosphere pressure | 1004 mbar |

◆ Test Program DVD Playback Mode, DVD Recording Mode

◆ Test Area Compact Chamber

◆ Test Date February 2, 2006

Note : Transfer switch isolation measurements were made on the Channel 3 and 4 video output frequencies of 61.25 and 67.25 MHz and both position of the transfer switch.

Limit calculation (Sec 15.115 (c) (1) (ii))

$$0.346 \times 75^{1/2} = 2.996\mu V = 9.53\text{dBuV} = -97.46\text{dBm}$$

The test were performed with color bar as VITS. The VITS signals, 1V and 5V peak-to-peak, were used for channel 3 and channel 4 with alternate. The above test program were employed for each channel.

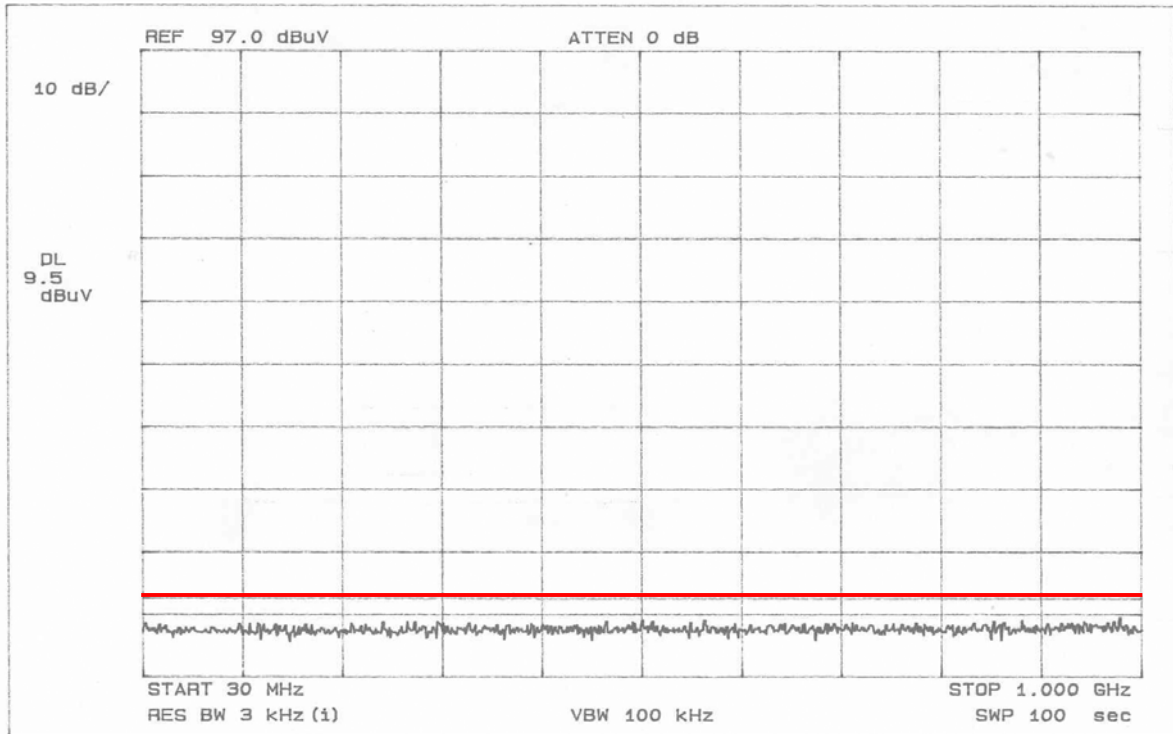
Transfer Switch Isolation Measurement

| TV CH | Freq. (MHz) | Level (dBuV) | Limit (dBuV) | Mode | Margin (dB) |
|-------|-------------|--------------|--------------|----------|-------------|
| 3 | 61.25 | 5.29 | 9.53 | Playback | 4.24 |
| 3 | 61.25 | 5.22 | 9.53 | Record | 4.31 |
| 4 | 67.25 | 5.12 | 9.53 | Playback | 4.41 |
| 4 | 67.25 | 5.31 | 9.53 | Record | 4.22 |

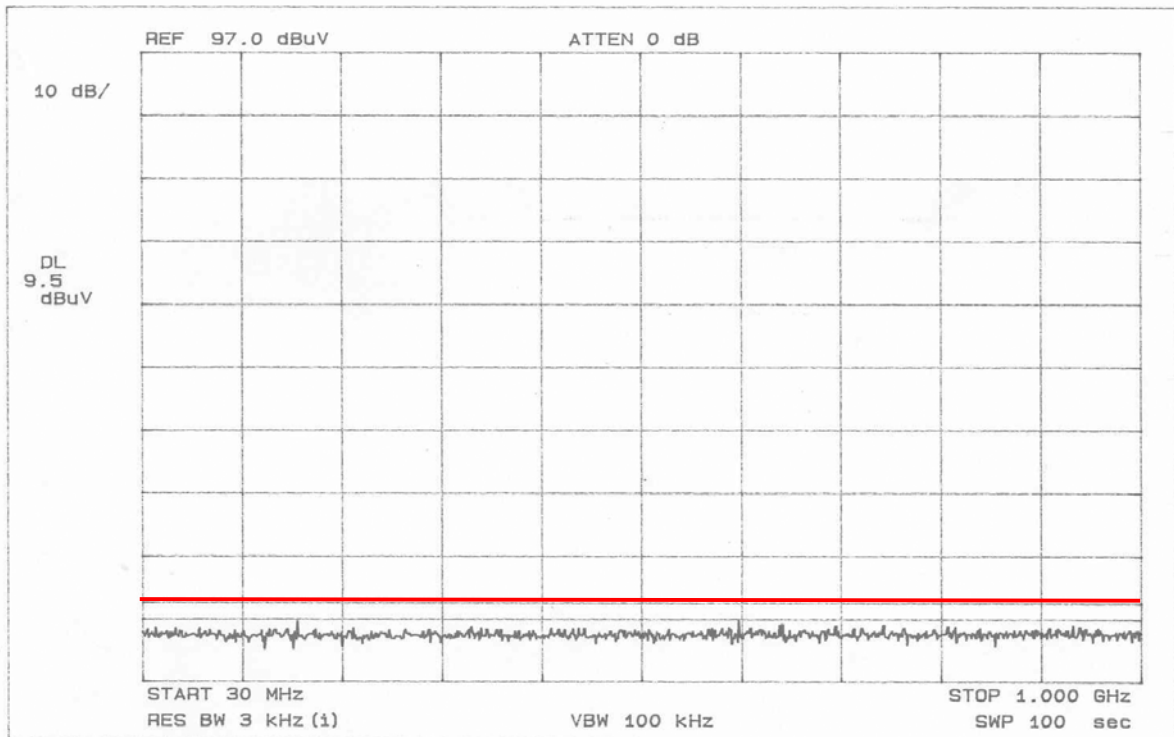
Transfer Switch Tabulated Data with Tuner

Note :

Transfer Switch Isolation Measurement

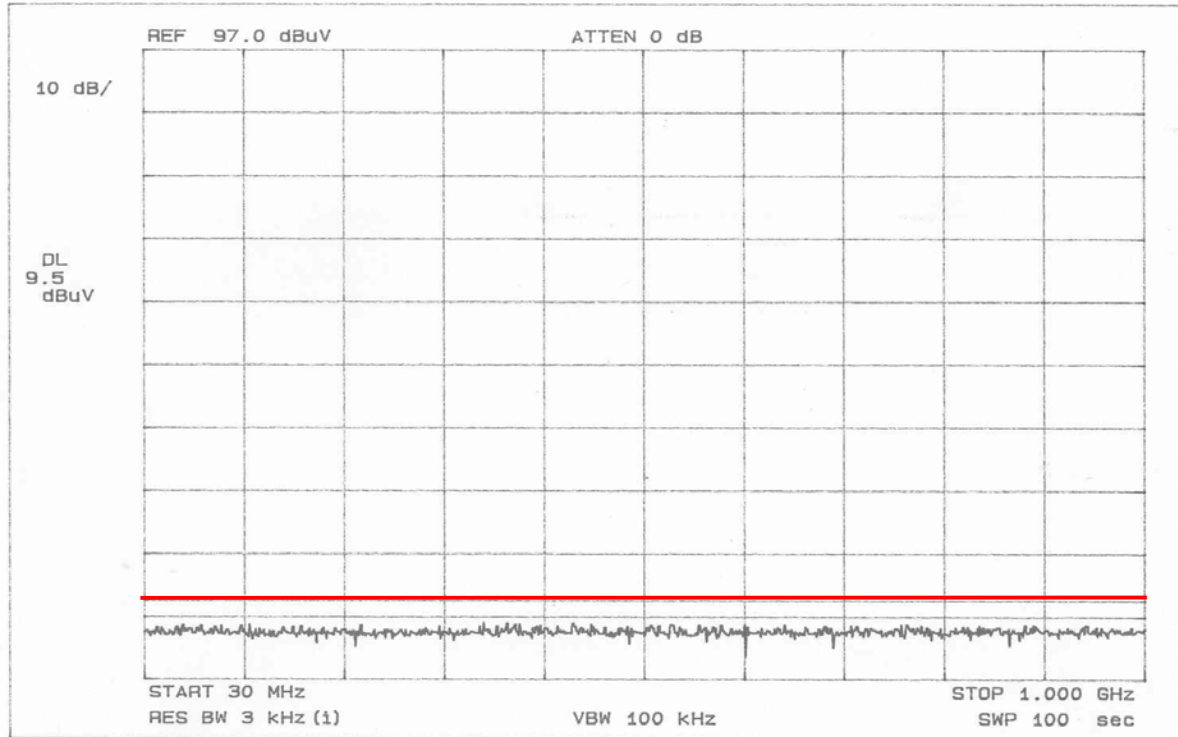


CH3 Playback

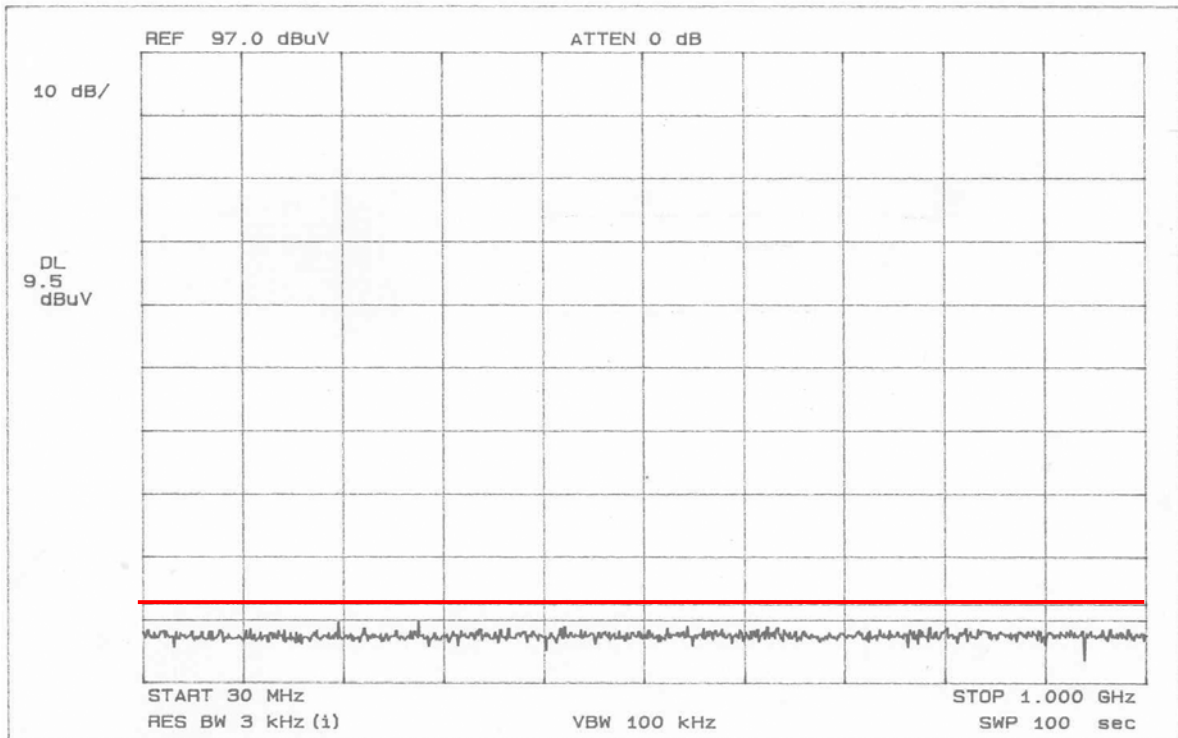


CH3 Record

Transfer Switch Isolation Measurement



CH4 Playback



CH4 Record

Appendix A. The Photos of Test Setup



Conducted Emissions - Front View

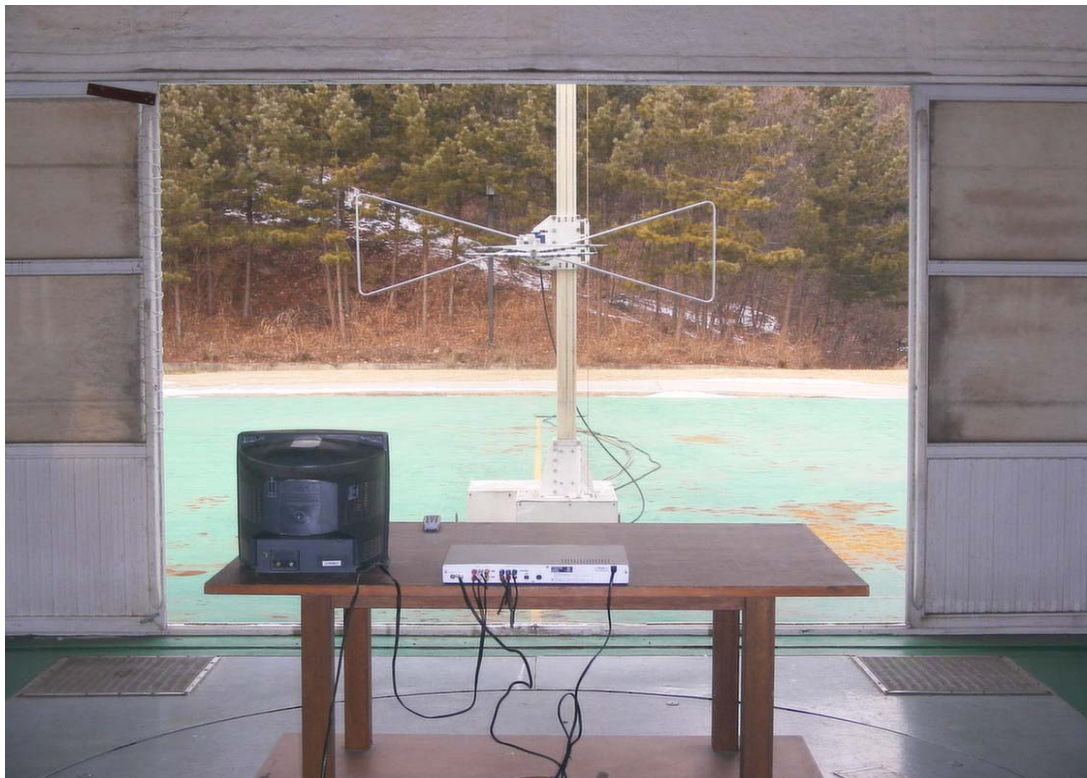


Conducted Emissions - Rear View

Appendix A. The Photos of Test Setup



Radiated Emissions - Front View



Radiated Emissions - Rear View

Appendix A. The Photos of EUT



Front View



Rear View