



## **EMC Test Report: EMC00050**

### **Appendix B**

**FOR**

**Video King Gaming Systems, Inc.**  
100-1475 Chevrier Blvd.  
Winnipeg, MB R3T 1Y7

**Power Bingo King**  
**RF REMOTE TRANSMITTER**

**FCC ID:**  
**SKCTRANS-1**

**DATED:**  
**FEBRUARY 6, 2006**

**IN ACCORDANCE WITH**  
**FCC CFR 47 PART 15, SUBPART C**

FCC ID: SKCTRANS-1	 <b>ARRISTA</b> <small>Technologies Inc.</small>
REPORT NO.:ATEMC00050 App B	
FCC CFR 47 Part 15	

## Test Lab Personnel:

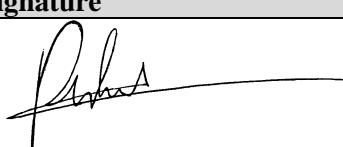
Test Performed by:	Date	Signature
Paul Eberling, CNA Electronic Technologist	February 6, 2006	
Wayne Schellekens; Senior Engineer	February 6, 2006	

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## Document Template Revision History:

Date	Name	Revision	Description
01/31/2002	Elwood Friesen	1.0	Initial Release
04/15/2002	Paul Eberling	1.2	Reviewed

## Approvals:

Date	Name	Title	Signature
February 6, 2006	Roman Wroczyński	Director; Development & Test	

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<b>Equipment:</b>	<b>Base RF Transmitter</b>	<b>Page 2</b>

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## 1. Appendix B

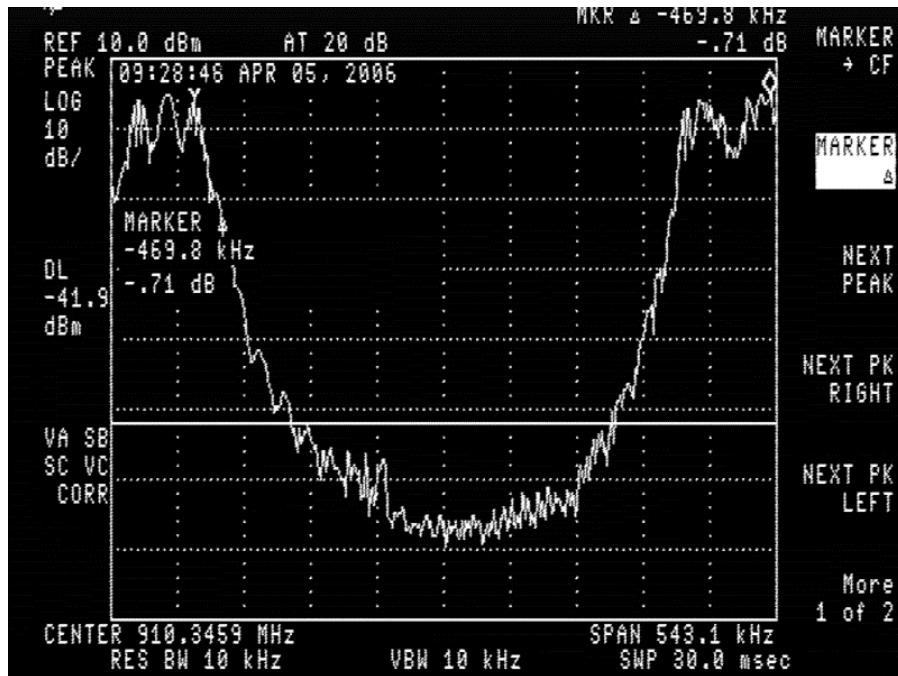
### 1.1. Test Procedures for Conducted Test Port and Antenna Radiated Emissions Tests

Two versions of the EUT were provided, a version with a permanently attached antenna and the other, with an RF test port interface. The EUT's RF design of both versions are identical. The RF conducted test measurements were performed using the EUT with the RF test port version. The radiated measurements were performed using the EUT version with the permanently mounted antenna.

**Note: The EUT with the permanently mounted antenna is the only version that is sold and/or marketed to the public.**

#### 1.1.1. 15.247(a) Carrier Frequency Separation

##### Article 01-Carrier Frequency Separation

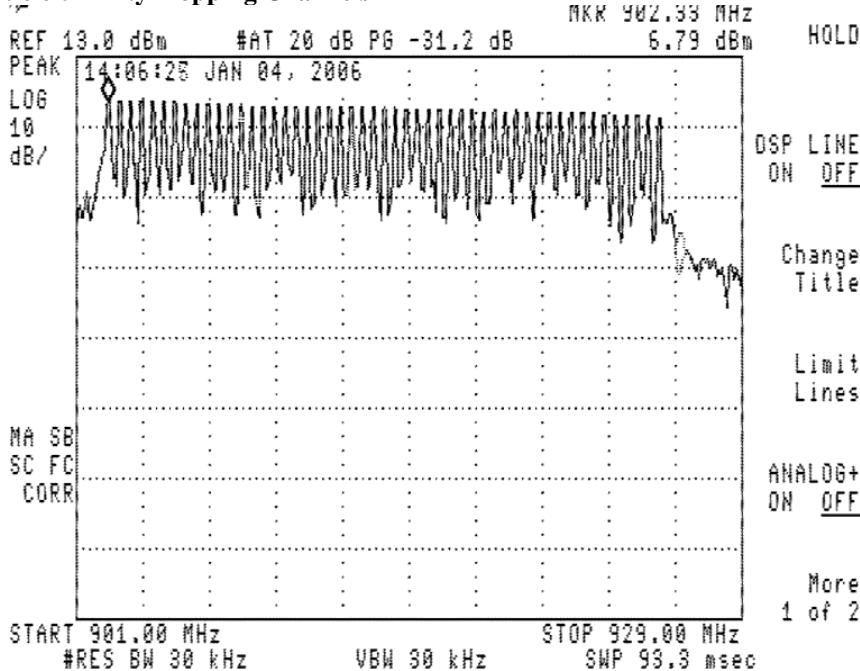


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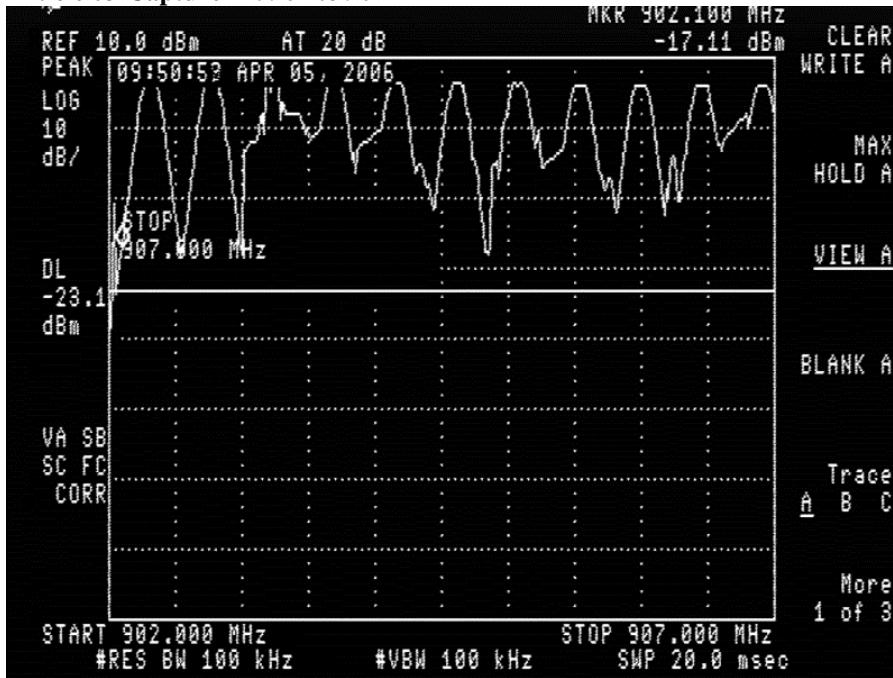
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### 1.1.2. 15.247(a) Number of Hopping Frequencies

#### Article 02-Fifty-Hopping Channels



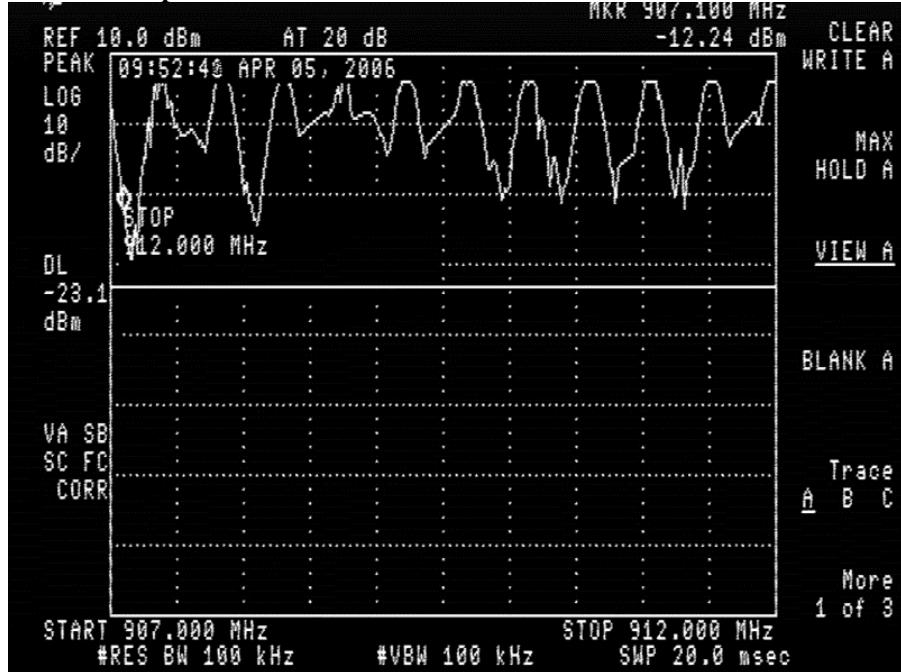
#### Article 03-Capture #1: 902 to 907MHz



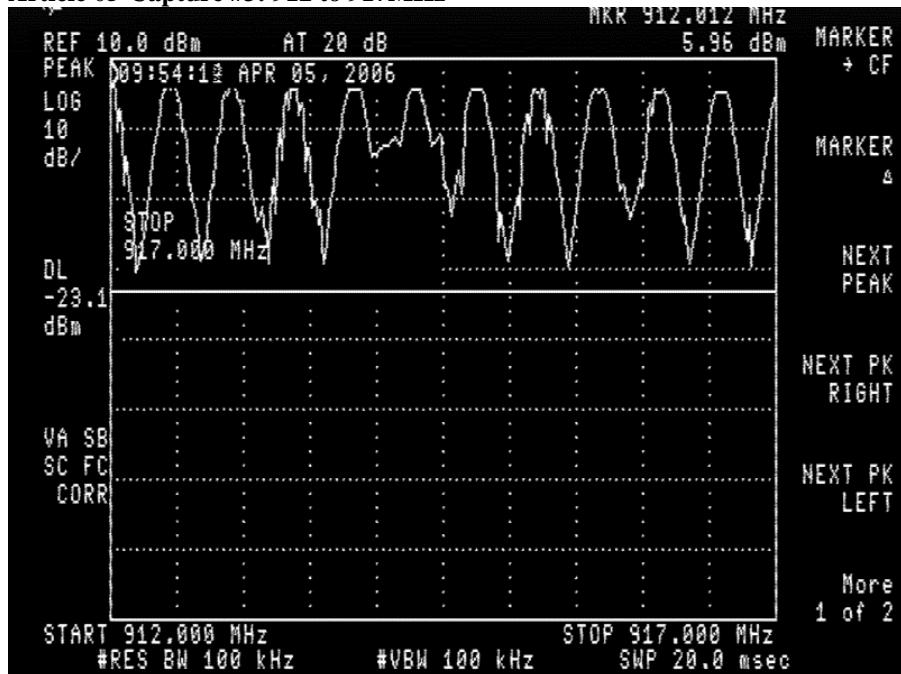
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#### Article 04-Capture #2: 907 to 912MHz



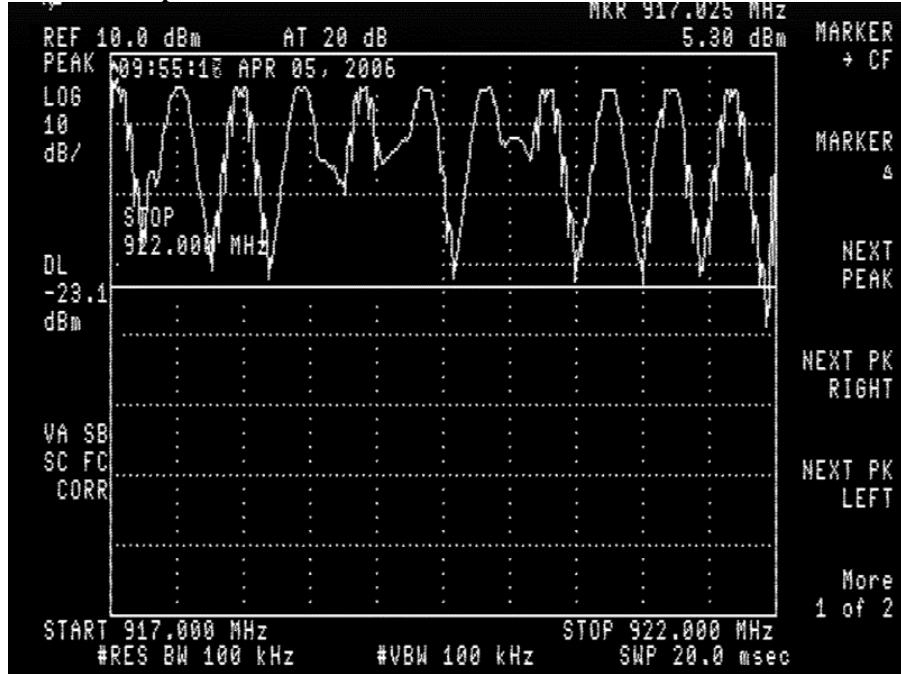
#### Article 05-Capture #3: 912 to 917MHz



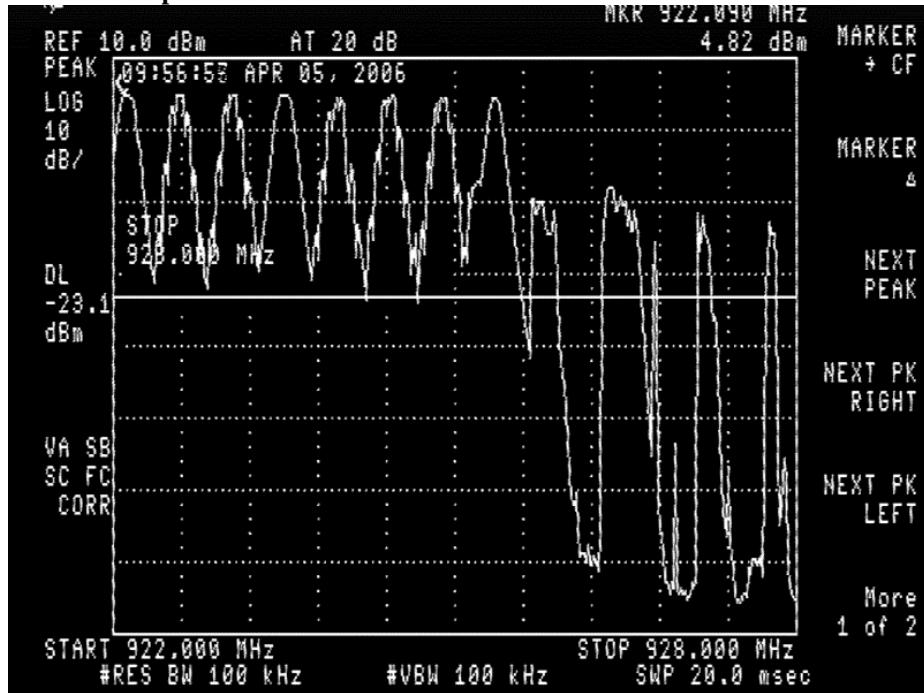
<b>Company:</b>	<i>Video King Gaming Systems, Inc.</i>	
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#### Article 06-Capture #4: 917 to 922MHz



#### Article 07-Capture #5: 922 to 922MHz

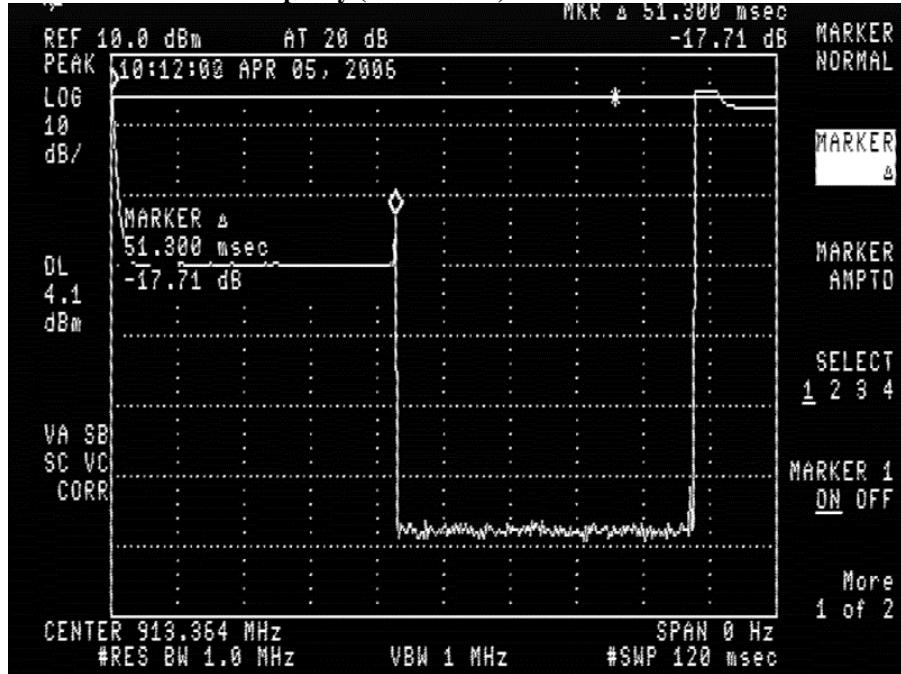


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### 1.1.3. 15.247(a) Time of Occupancy (Dwell Time)

#### Article 08-Time of Occupancy (Dwell Time) Short

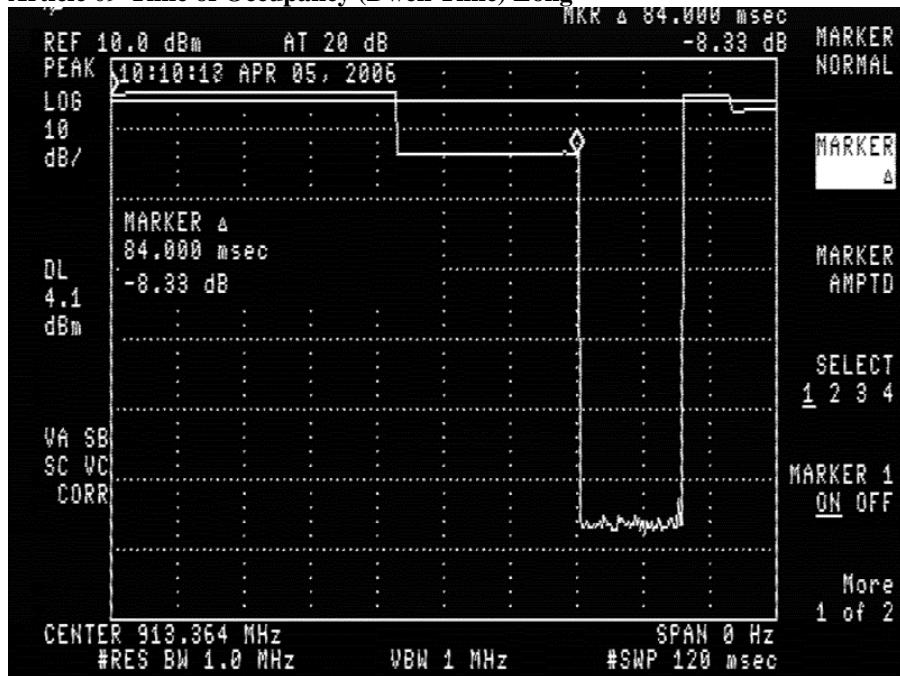


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**Article 09-Time of Occupancy (Dwell Time) Long**

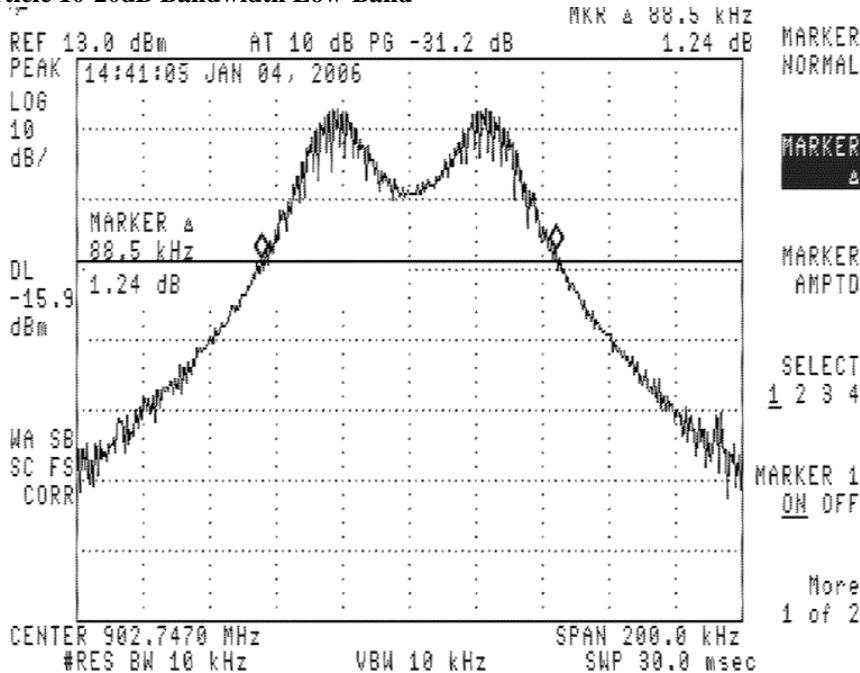


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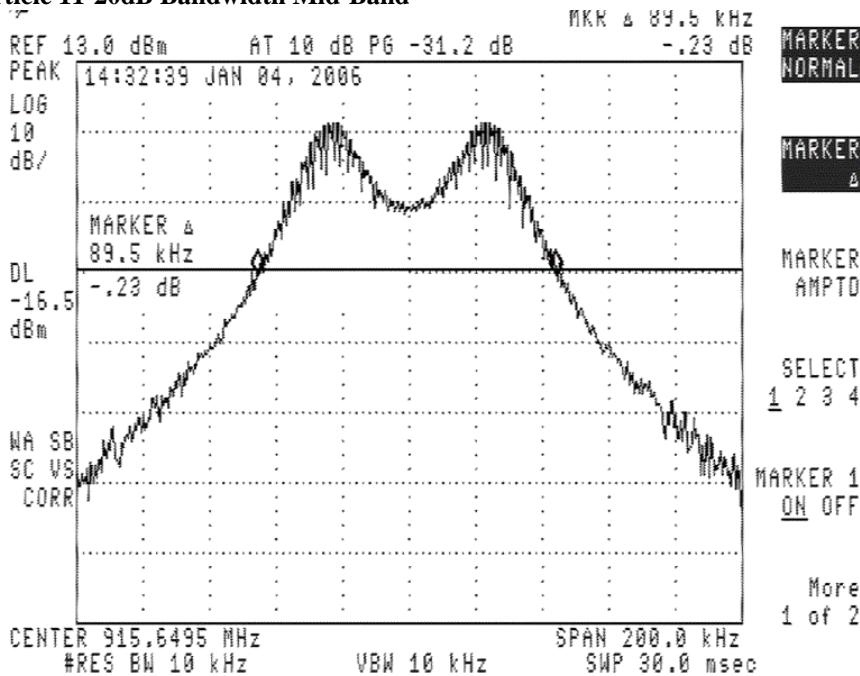
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### 1.1.4. 15.247(a) 20dB Bandwidth

#### Article 10-20dB Bandwidth Low-Band



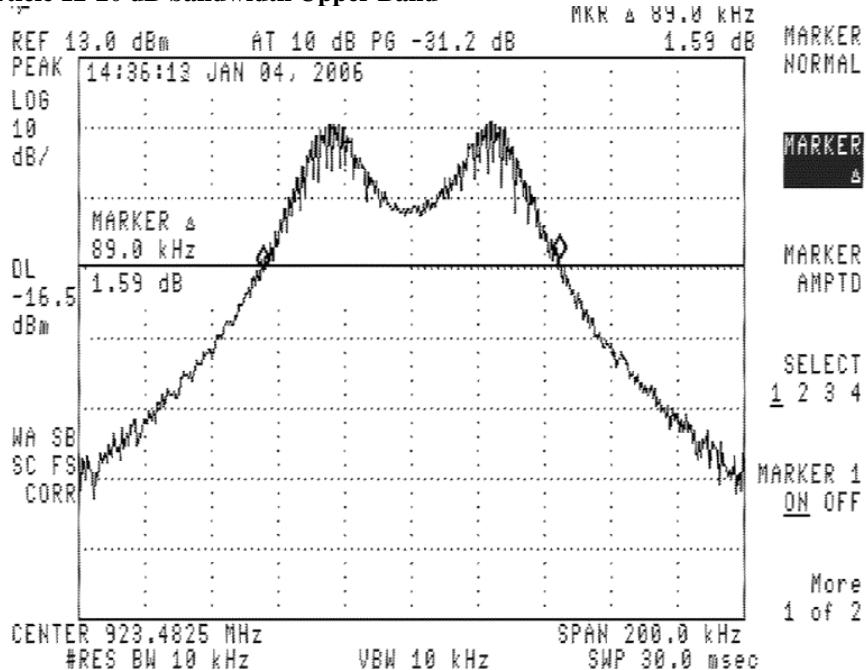
#### Article 11-20dB Bandwidth Mid-Band



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**Article 12-20 dB bandwidth Upper Band**



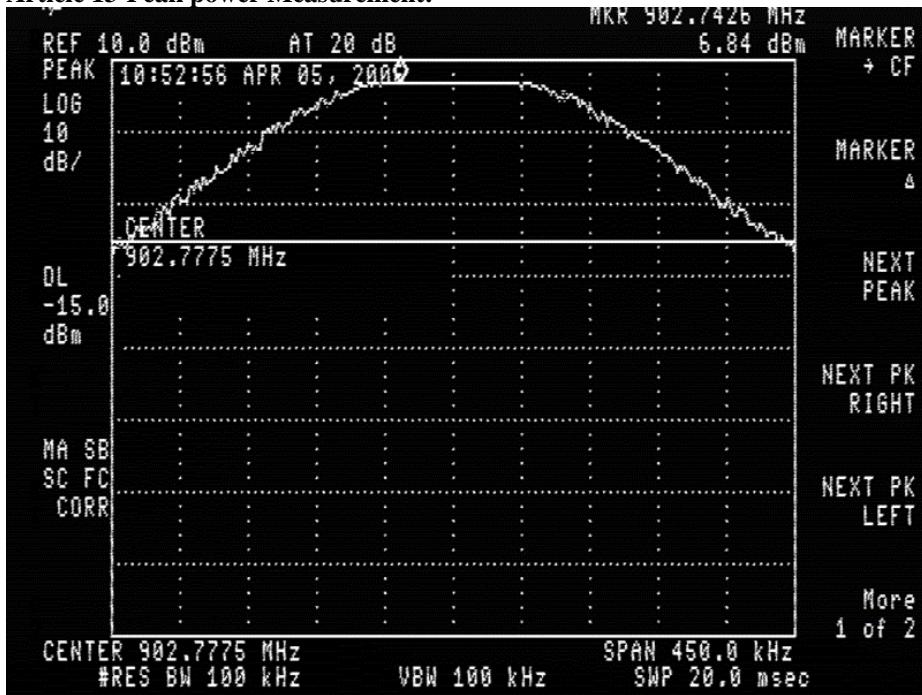
<b>Company:</b>	<b>Video King Gaming Systems, Inc.</b>	
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### 1.1.5. 15.247(b)(2) Transmitter Peak Power

From paragraph; 1.1.1 (15.247(a) Carrier Frequency Separation), of this document the measured peak output power at 902.775MHz is +6.84dBm. This was measured using the EUT with the RF test port interface. The maximum gain of the permanently mounted antenna is 2.7dBi

#### Article 13-Peak power Measurement:



Therefore:

$$+6.84\text{dBm} + 2.7\text{dBi} = +9.54\text{dBm EIRP};$$

Which translates to a peak output of +8.995mW EIRP

<b>Company:</b>	<b>Video King Gaming Systems, Inc.</b>	
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