



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 7, 2006

IN ACCORDANCE WITH
FCC CFR 47 PART 15, SUBPART C

FCC ID: SKCTTRANS-1	
REPORT NO.: ATEMC00050 App B	
FCC CFR 47 Part 15	

Test Lab Personnel:

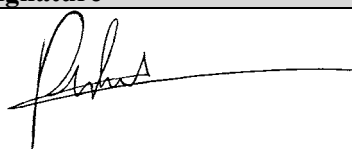
Test Performed by:	Date	Signature
Paul Eberling, CNA Electronic Technologist	February 7, 2006	
Wayne Schellekens; Senior Engineer	February 1, 2006	

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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 7, 2006	Roman Wroczynski	Director; Development & Test	

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1. Appendix B

1.1. Test Procedures for Antenna Conducted Tests

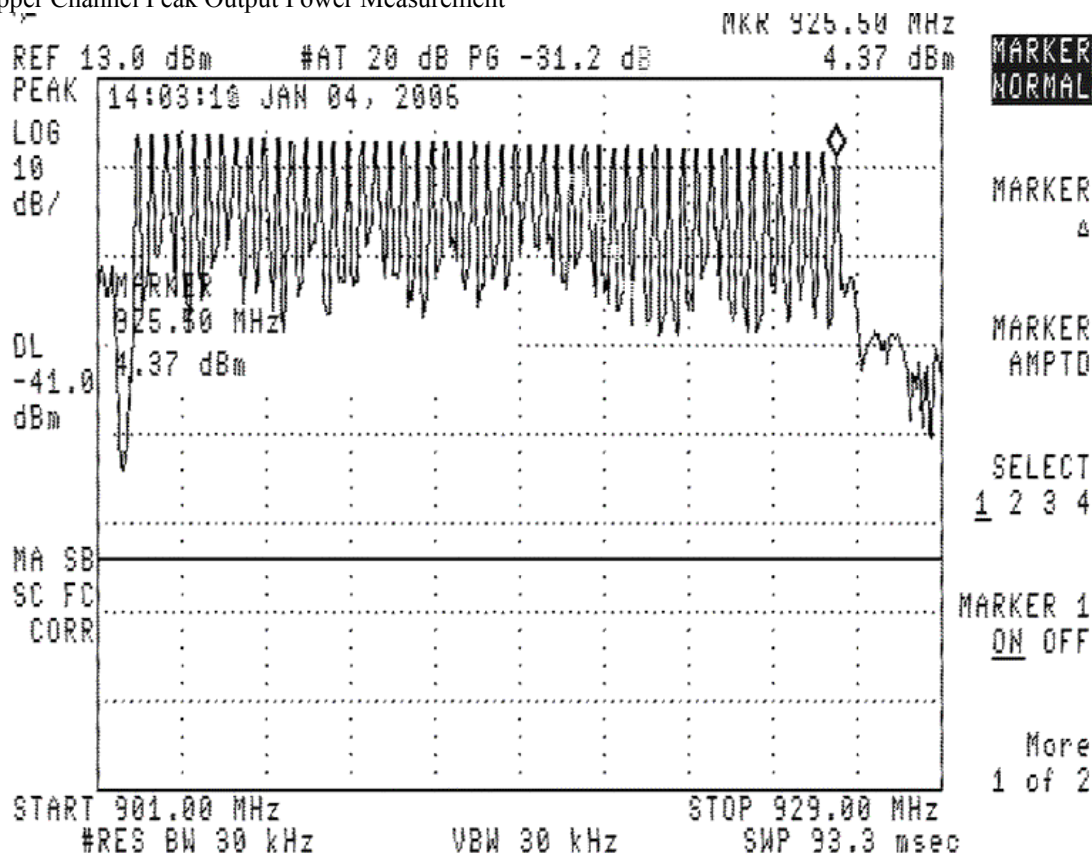
Two versions of the EUT were provided, a version with a permanently attached antenna and the other, with an RF test port interface. The EUT RF design of both versions are identical. The RF conducted test measurements were performed using the EUT with the RF test port version. The radiated measurements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

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-Fifty-Hopping Channels

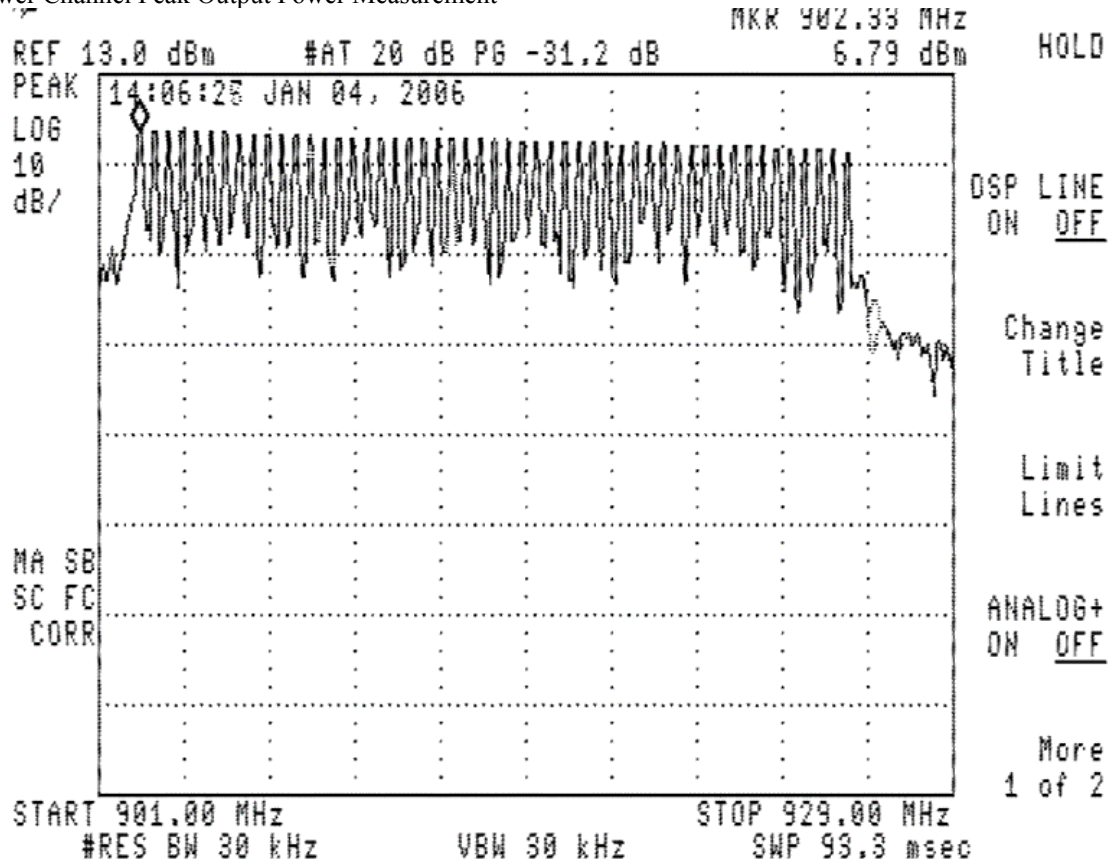
Upper Channel Peak Output Power Measurement



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Lower Channel Peak Output Power Measurement

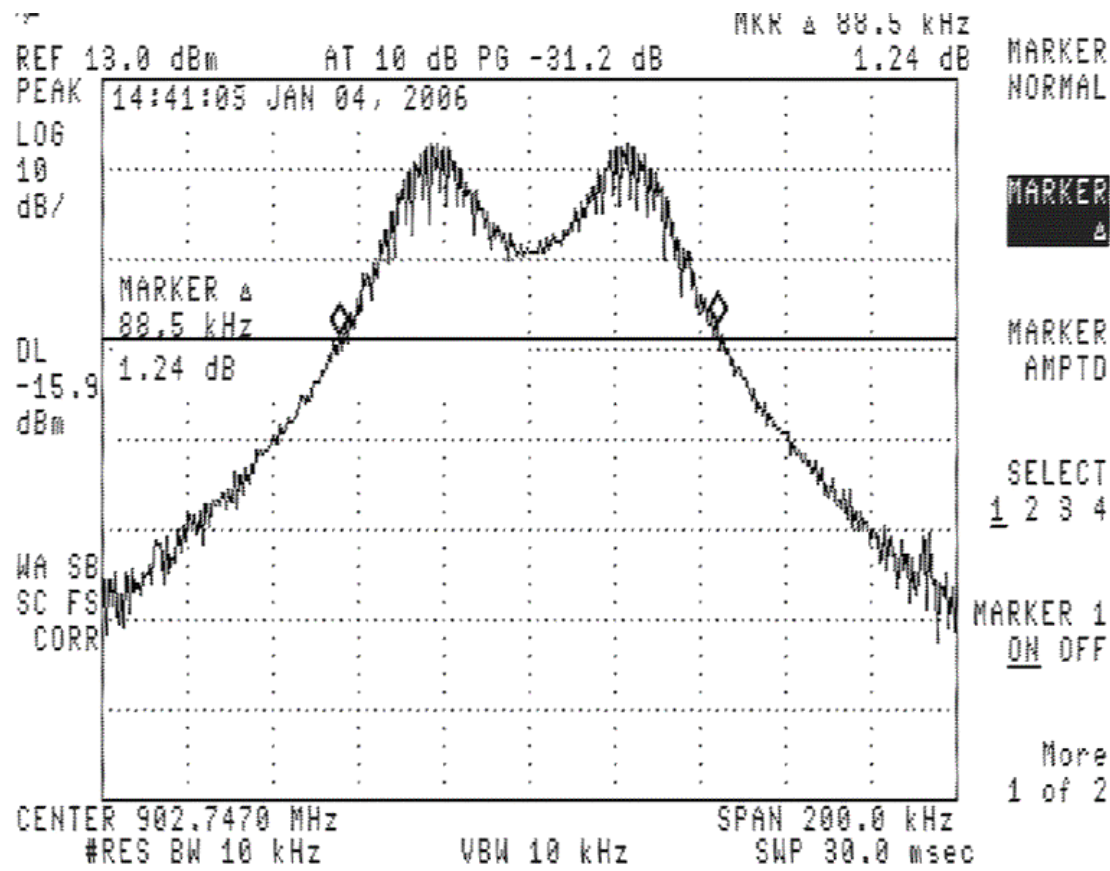


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1.1.2. 15.247(a) 20dB Bandwidth

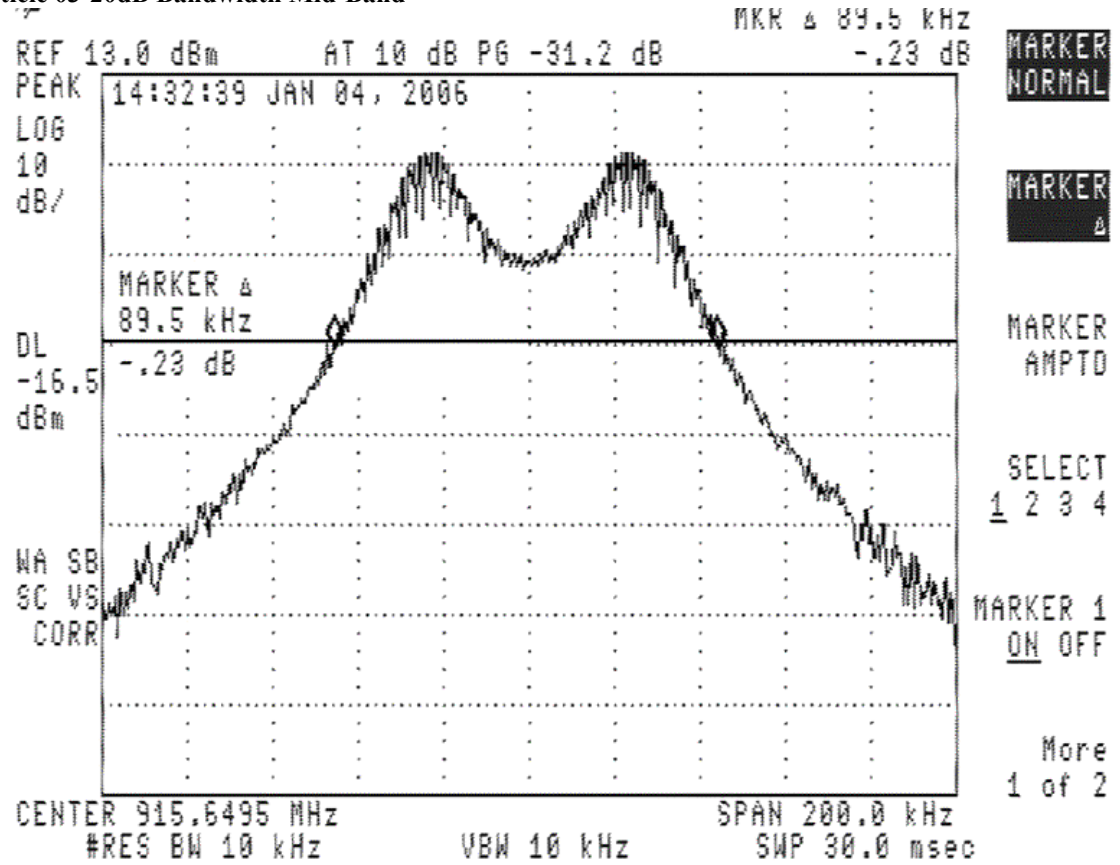
Article 02-20dB Bandwidth Lower Band



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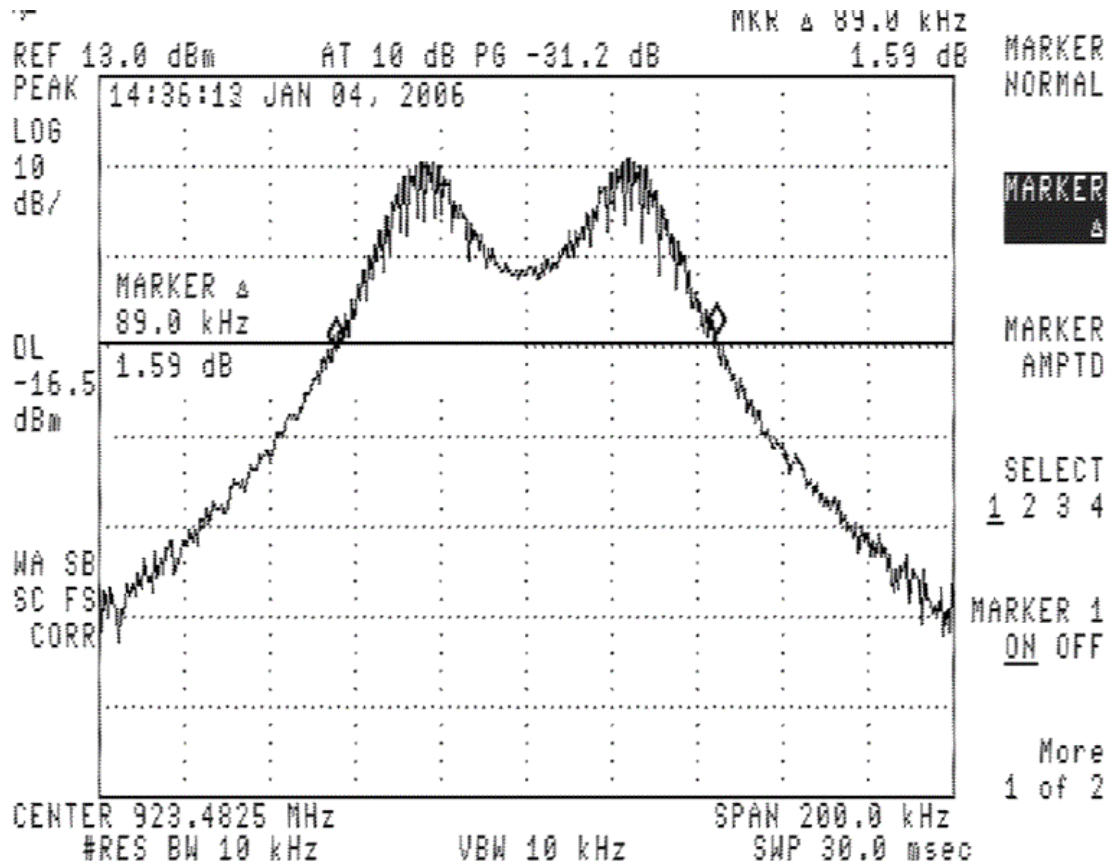
Article 03-20dB Bandwidth Mid-Band



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Article 04-20 dB bandwidth Upper Band



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1.1.3. 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 902.33MHz is +6.19 dBm. This was measured using the EUT with the RF test port interface. The maximum gain of the permanently mounted antenna is 2.7dBi

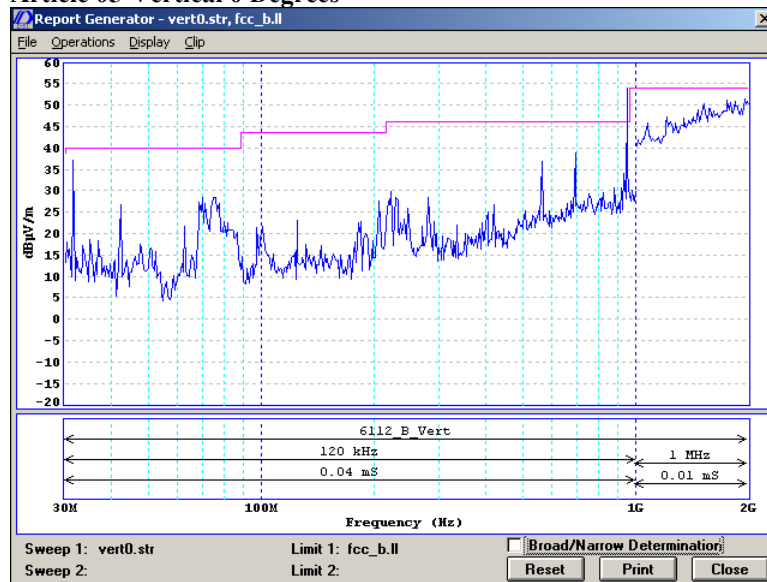
Therefore:

$$+6.19\text{dBm} + 2.7\text{dBi} = +8.89\text{dBm};$$

Which translates to a peak output of +7.745mW.

1.1.4. 15.247(c) RF Spurious Emissions; 30MHz – 2GHz

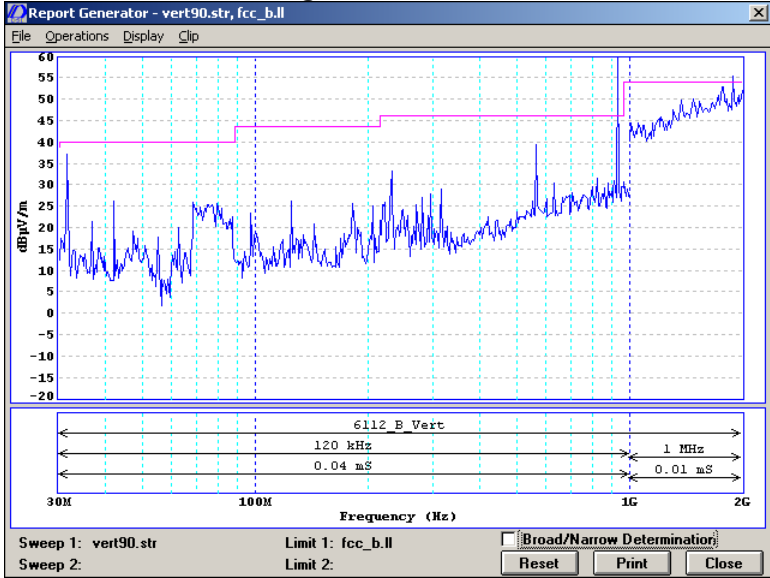
Article 05-Vertical 0 Degrees



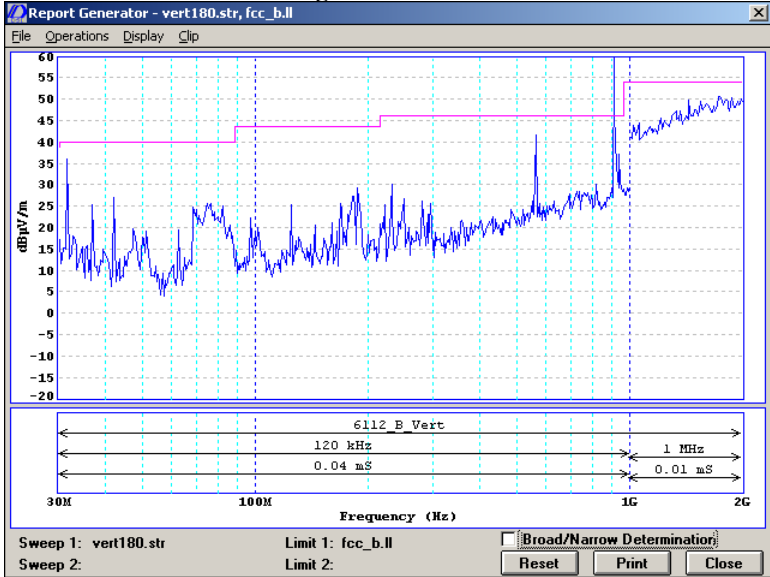
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Article 06-Vertical 90 Degrees



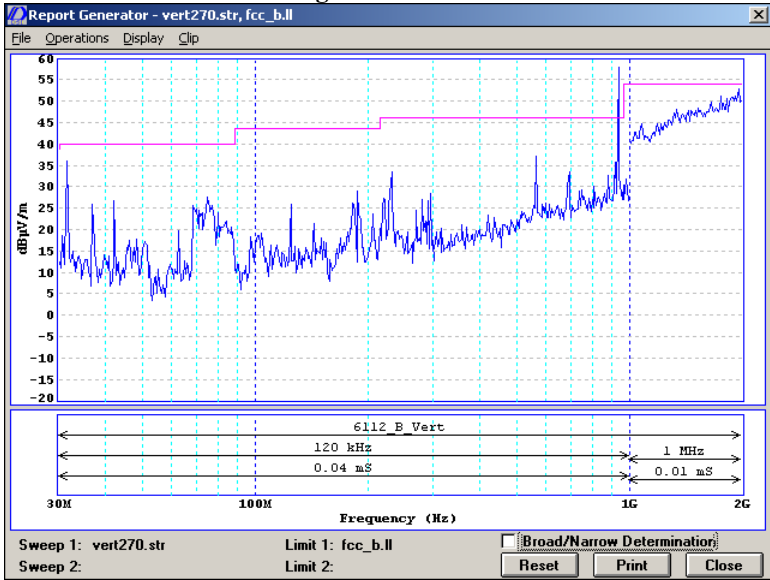
Article 07-Vertical 180 Degrees



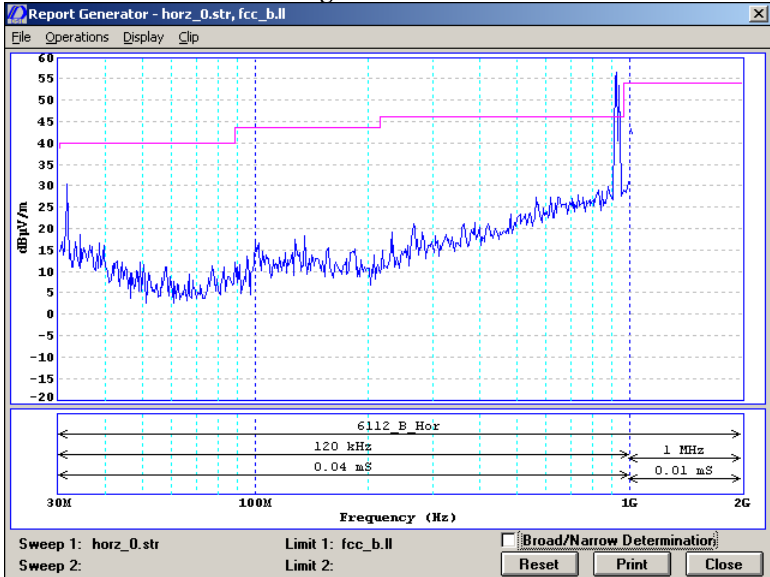
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Article 08-Vertical 270 Degrees



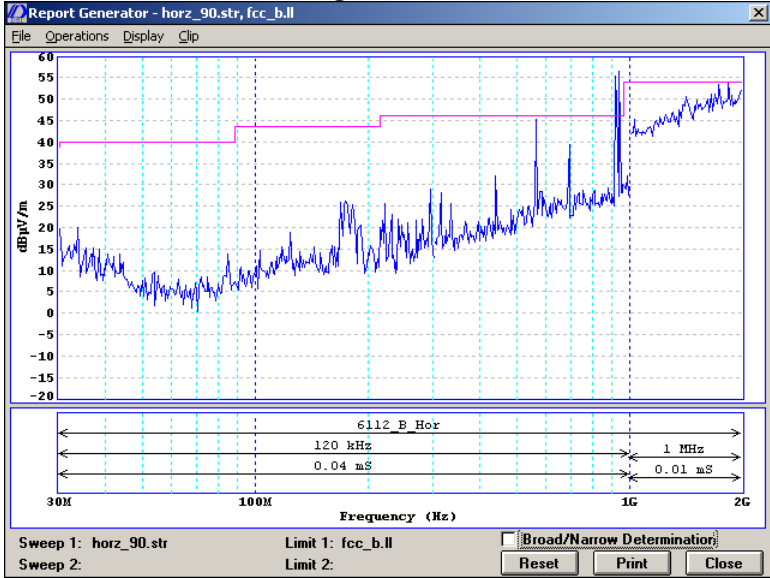
Article 09-Horizontal 0 Degrees



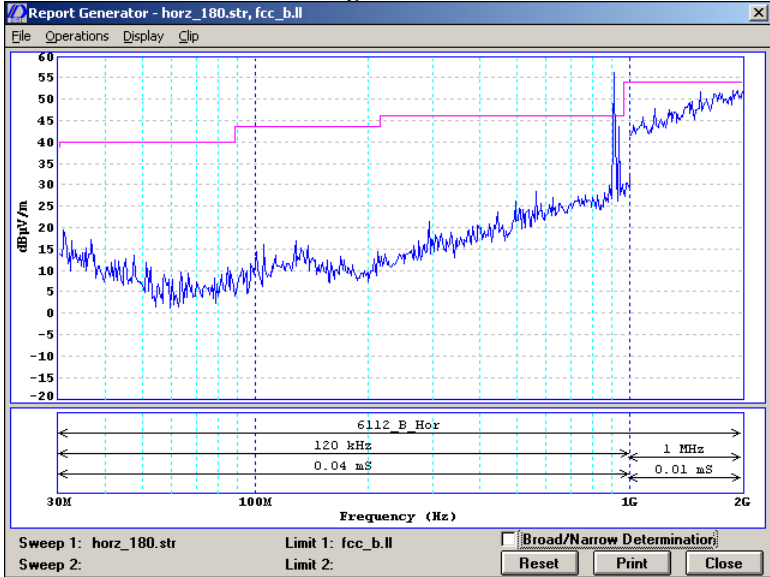
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Article 10-Horizontal 90 Degrees



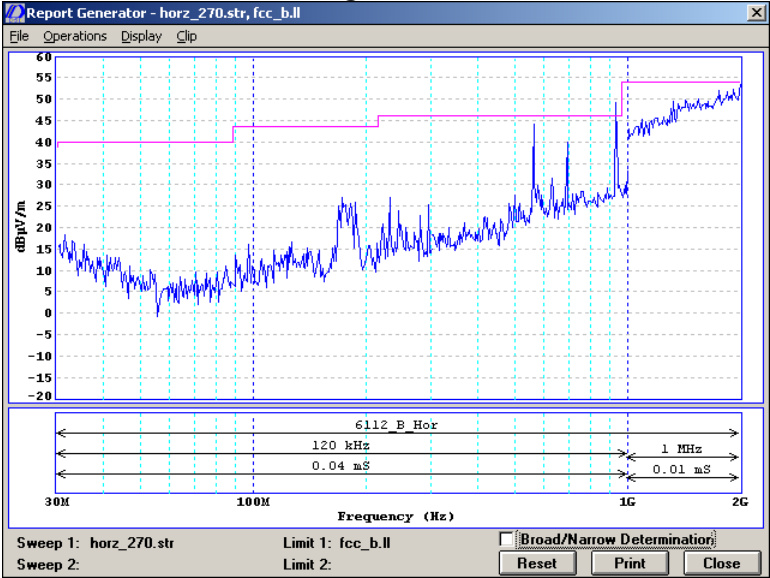
Article 11-Horizontal 180 Degrees



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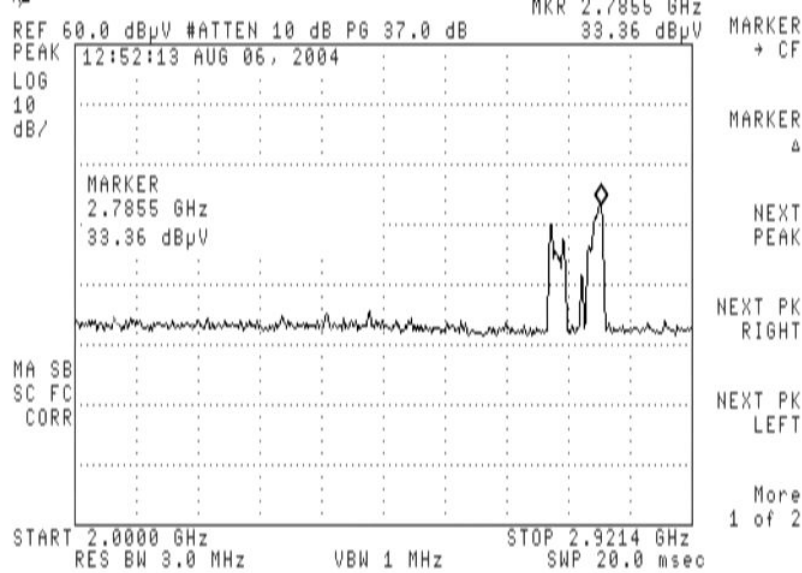
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Article 12-Horizontal 270 Degrees



1.2. 15.109, 15.209 Radiated Spurious Emissions: 2GHz to 9.5GHz

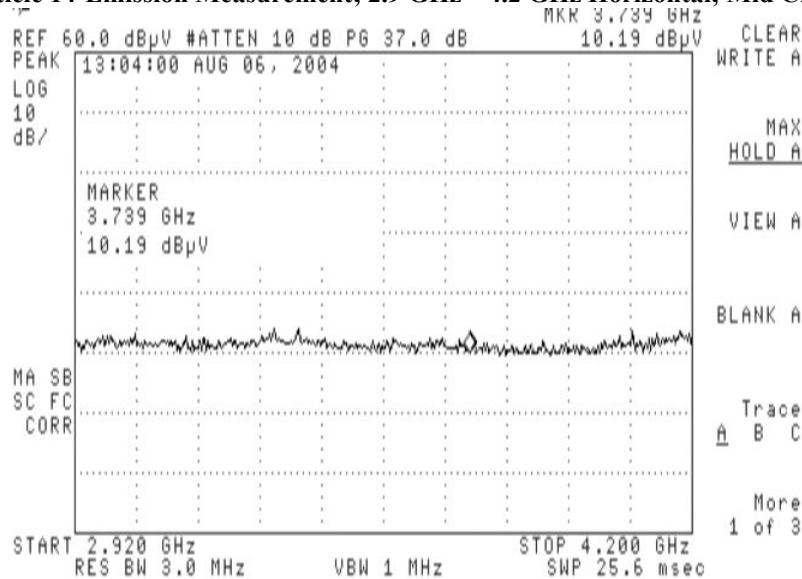
Article 13-Emission Measurement; 2 GHz – 2.9 GHz Horizontal; Mid Channel



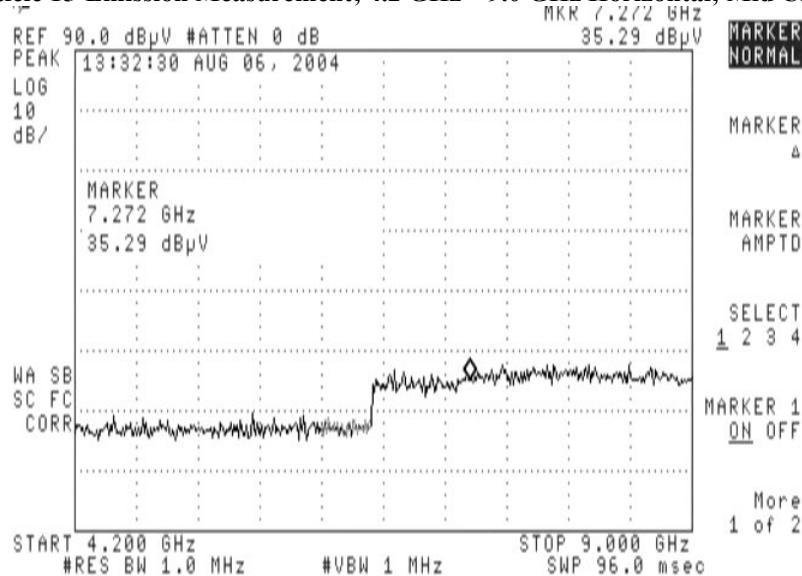
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Article 14-Emission Measurement; 2.9 GHz – 4.2 GHz Horizontal; Mid Channel



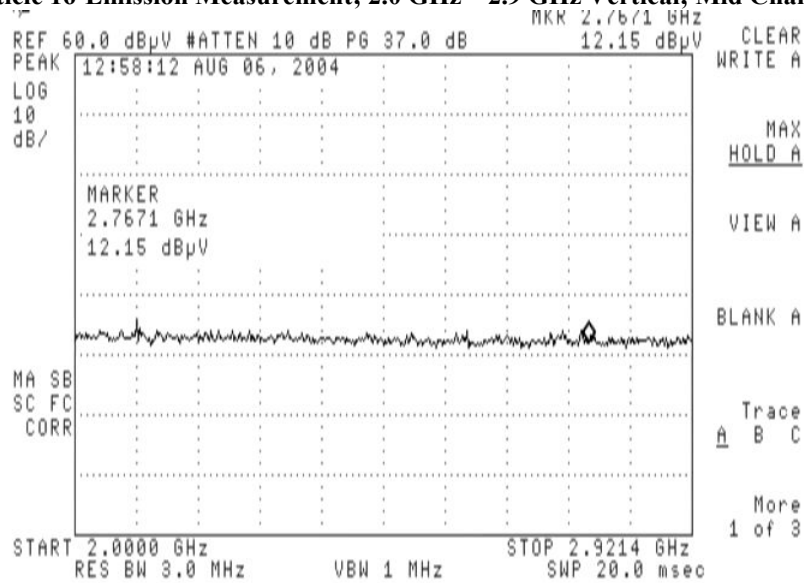
Article 15-Emission Measurement; 4.2 GHz – 9.0 GHz Horizontal; Mid Channel



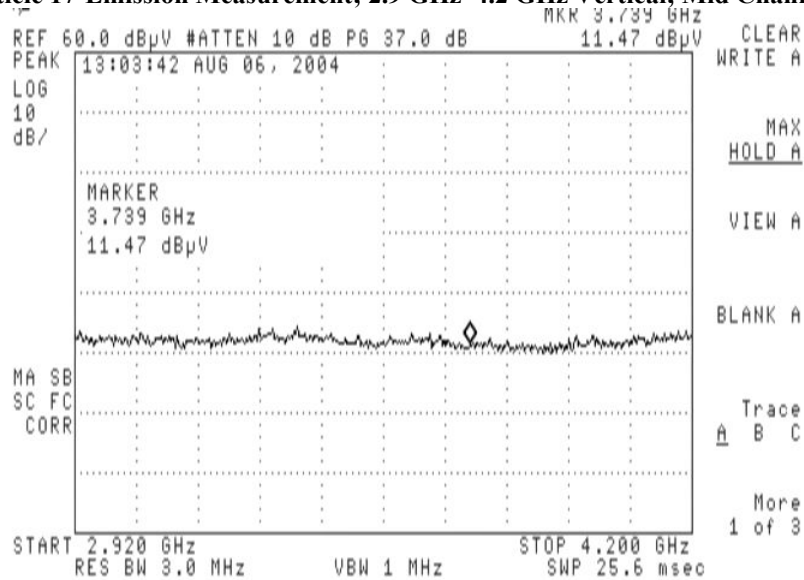
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Article 16-Emission Measurement; 2.0 GHz – 2.9 GHz Vertical; Mid Channel



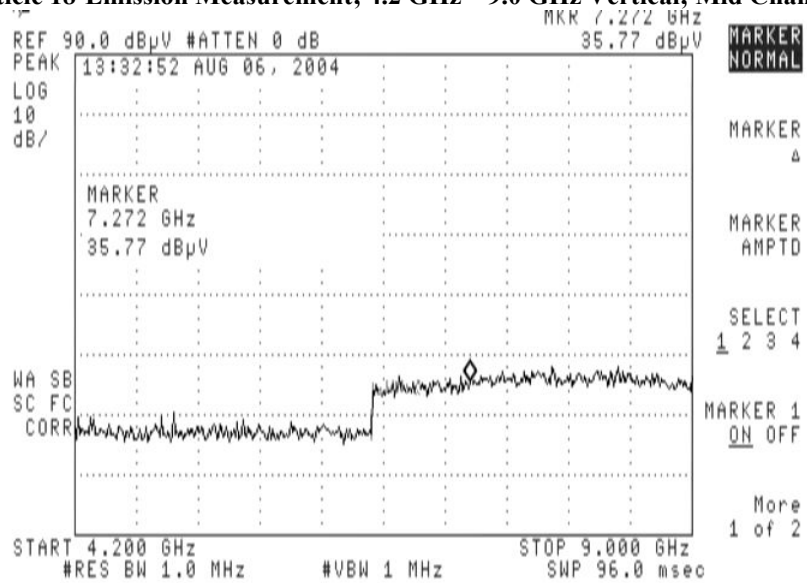
Article 17-Emission Measurement; 2.9 GHz–4.2 GHz Vertical; Mid Channel



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Article 18-Emission Measurement; 4.2 GHz – 9.0 GHz Vertical; Mid Channel



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