

See below for answers to questions

From: OET Generic account [<mailto:oetech@fccsun34w.fcc.gov>]
Sent: Tuesday, November 09, 2004 12:45 PM
To: Daniel Free
Subject: FCC Equipment Authorization System

To: Daniel Free, Video King Gaming Systems, Inc.
From: Stan Lyles
Stanley.Lyles@fcc.gov
FCC Application Processing Branch

Re: FCC ID SKC12RFREMO-1
Applicant: Video King Gaming Systems, Inc.
Correspondence Reference Number: 28008
731 Confirmation Number: EA857824

- 1) Were the power measurements and spurious response measurements made in fixed frequency mode? If not, remeasure as necessary.
- 2) Submit band edge plots for the high and low channel.
- 3) Submit the pseudo-random frequency algorithm.
- 4) Please submit number of hopping channels plots per Section 15.247 (a) (1) (i).
- 5) Please submit average time of occupancy measurement per Section 15.247 (a) (i).
- 6) Please verify the frequency band low is 902.3232 MHz and high is 926.7456 MHz.

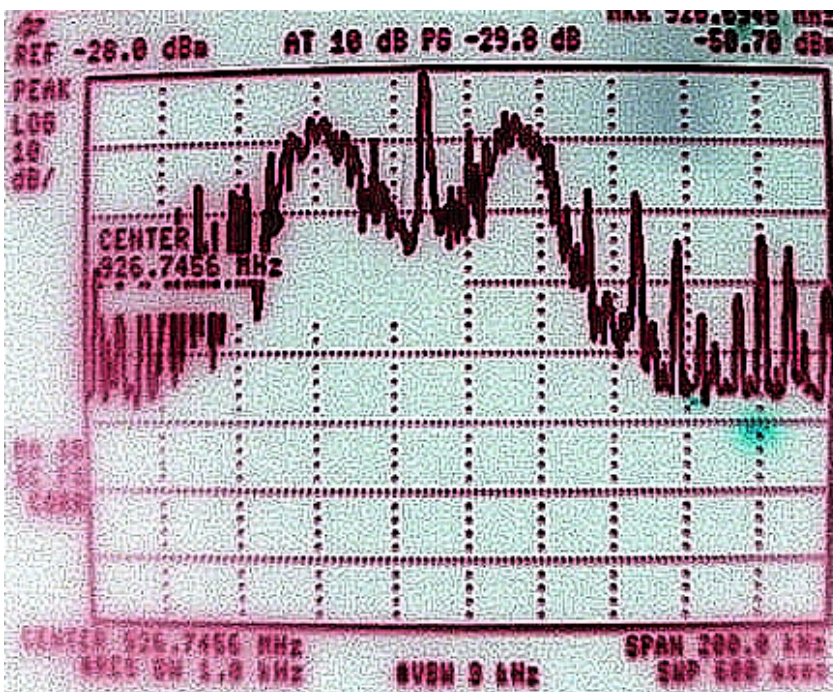
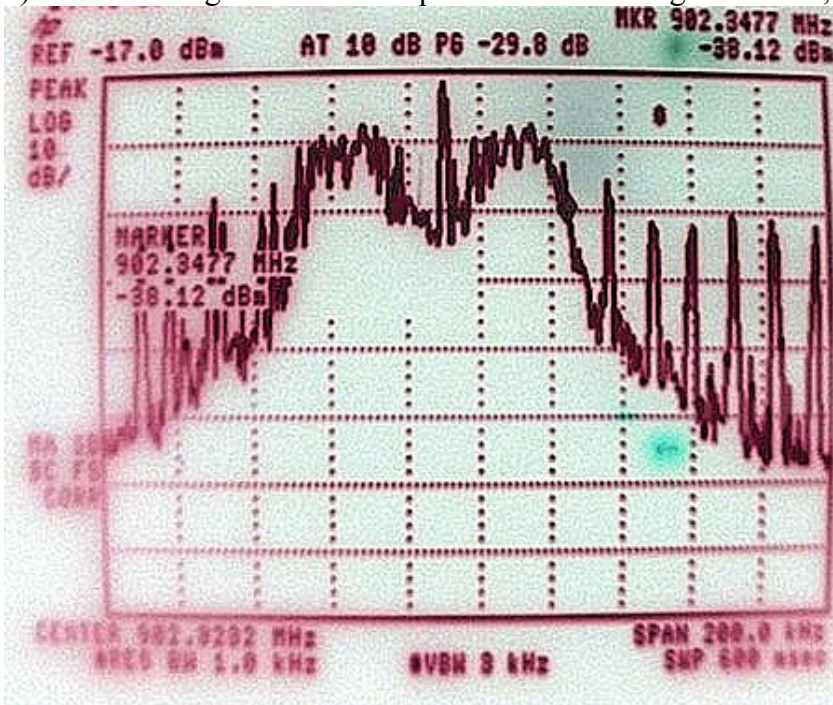
The items indicated above must be submitted before processing can continue on the above referenced application. Failure to provide the requested information within 60 days of the original e-mail date may result in application dismissal pursuant to Section 2.917 (c) and forfeiture of the filing fee pursuant to section 1.1108.

DO NOT reply to this e-mail by using the Reply button. In order for your response to be processed expeditiously, you must upload your response via the Internet at www.fcc.gov, Electronic Filing, OET Equipment Authorization Electronic Filing. If the response is submitted through Add Attachments, in order to expedite processing, a message which informs the processing staff that a new exhibit has been submitted must also be submitted via Submit Correspondence. Also, please note that partial responses increase processing time and should not be submitted.

Any questions about the content of this correspondence should be directed to the e-mail address listed below the name of the sender.

Answers to above questions:

- 1) The power and spurious response measurements were made by setting the analyzer to trace hold on the desired frequency while the transmitter was hopping. This was done over a period of 5 minutes. The transmitter does not have the ability to stay on one frequency and not hop.
- 2) The following are bandwidth plots for low and high channels;



3) Frequency hopping is based on indexing Table-1 to get the next channel number and then hopping to that channel. Table-2 identifies the channel to frequency mapping.

Table-1

15, 160, 25, 155, 40, 140, 122, 1 ,
 5, 20, 161, 30, 110, 72, 53, 144 ,
 4, 80, 25, 101, 61, 14, 120, 165 ,
 10, 30, 50, 70, 90, 110, 130, 150 ,
 8, 17, 28, 59, 85, 136, 142, 162 ,
 22, 35, 66, 77, 88, 98, 108, 123 ,
 57, 75, 93, 107, 129, 147, 153, 167 ,
 12, 18, 33, 44, 56, 63, 78, 95

Table-2

Channel	Frequency
1	902.3232
2	902.4768
3	902.6304
4	902.7840
...	...
159	926.5920
160	926.7456

4) The transmitter cyclically hops on 25 channels from the sequence of channels identified Table-1.

5) The average time of occupancy per 10 second interval is 0.15 seconds.

6) You are correct, the low frequency is 902.3232 and the high is 926.7456. Table-2 indicates the frequencies used. These are the frequencies we want on the grant.