

Subject: FW: Microsoft Corporation, FCC ID: C3K-WKS368, Assessment NO.: AN05T5074, Notice#1



Revised



05U3587-1 FCC



Radon Antenna

onArgonTheoryofOpFHS Report Rev.... Specification.pd...

Question #1: The test report section 5.2: Where does -1.80dBm come from?
It does not match section 7.1.5 Maximum Output Power measurement.

CCS : Attached please find revised test report.

Question #2: The test report section 5.6 configuration #1: Please clarify what is the EUT. The EUT should be game controller instead of the Console. Also please indicate clearly what "3 Wireless Game Controller w/Headphones" were attached with and why there are only 3 game controllers connected during the test, while Theory of Operation indicates the wireless system XBox 360 can support operation of 4 simultaneous game controller.

CCS : Section 5.6 of test report has been revised. Based upon the preliminary tests, adding of additional game controllers have no impact on the radiated emission. Radiated emission data were reported with 3 game controllers.

Question #3: The test report section 5.6 configuration #2: Please clarify what is the EUT. The EUT should be game controller instead of the Console. Also please provide I/O cable list for configuration #2.

CCS : Section 5.6 of test report has been revised. Attached please find revised test report.

Question #4: The test report page 11, 22, 29 & 30: Please check frequencies of middle and high channels, they do not agree with other sections.

CCS : Please refer to revised test report.

Question #5: The test report section 7.1.4 "MANUFACTURERS DECLARATION": indicates "There are 5 frequencies used in every 8 mS frame of the protocol, for an average hopping rate of about 750 hops/sec", which appears incorrect. Please verify.

CCS :Theory of operation and Section 7.1.4 manufacturers declaration on the average time of occupancies have been revised with more detailed protocol explanation. Please refer to attached revised test report and revised theory of operation.

Question #6: This is a hand-held device. Please confirm whether the device was tested in three orthogonal planes.

CCS : The highest emission level is generated when the controller is positioned at x axes. Statement to comply with section 13.1.4.1 of ANSI C63.4:2003 is added to section 7.4 of test report.

Question #7: The Theory of Operation exhibit in the filing does not provide enough information to justify compliance of "AVERAGE TIME OF OCCUPANCY". The MANUFACTURERS DECLARATION in the test report lists data only, it's not clear what these data are derived from. From theory or experiment? Please resubmit Theory of Operation to provide more detailed information.

CCS :Due to Propitiatory communication protocol used on this device, the average time of occupancy is based upon the theory. The manufacturer declaration has been revised in the section 7.1.4 and theory of operation has been updated.

Question #8: Theory of Operation indicates the antenna gain for gamepad is less than 2dBi, the test report indicates 3.6dBi. Please explain.

CCS : The gain indicated in the theory of operation is based the normal gain. 3.6 dBi antenna gain listed in the test report is based upon the antenna specification. Attached please find the antenna specification.