

FCC PART 15, SUBPART B TEST REPORT

for

GAMESENSOR TX

Model: EC0001

Prepared for

ACRYL DESIGN LIMITED 529 JARVIS AVENUE WINNIPEG, MANITOBA, CANADA R2W 3A8

Prepared by:		
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COMPATIBLE ELECTRONICS INC. 114 OLINDA DRIVE BREA, CALIFORNIA 92823 (714) 579-0500

DATE: JANUARY 23, 2019

	REPORT	APPENDICES			TOTAL		
	BODY	A	В	С	D	E	
PAGES	16	2	2	2	9	10	41

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TABLE OF CONTENTS

Section	n / Title	PAGE
GENER	AL REPORT SUMMARY	4
SUMMA	ARY OF TEST RESULTS	5
1.	PURPOSE	6
2.	ADMINISTRATIVE DATA	7
2.1	Location of Testing	7
2.2	Traceability Statement	7
2.3	Cognizant Personnel	7
2.4	Date Test Sample was Received	7
2.5	Disposition of the Test Sample	7
2.6	Abbreviations and Acronyms	7
3.	APPLICABLE DOCUMENTS	8
4.	DESCRIPTION OF TEST CONFIGURATION	9
4.1	Description of Test Configuration - Emissions	9
4.1	.1 Cable Construction and Termination	9
5.	LISTS OF EUT, ACCESSORIES AND TEST EQUIPMENT	10
5.1	EUT and Accessory List	10
5.2	Emissions Test Equipment	11
4	TEST SITE DESCRIPTION	12
6. 6.1	Test Facility Description	12
6.2	EUT Mounting, Bonding and Grounding	12
7.	TEST PROCEDURES	13
7.1	RF Emissions	13
7.1		13
7.1		14
7.1	.3 RF Emissions Test Results	15
8.	CONCLUSIONS	16



LIST OF APPENDICES

APPENDIX	TITLE			
A	Laboratory Accreditations and Recognitions			
В	Modifications to the EUT			
С	Additional Models Covered Under This Report			
D	Diagrams, Charts, and Photos			
	Test Setup Diagrams			
	Radiated Emissions Photos			
	Antenna and Effective Gain Factors			
E	Data Sheets			

LIST OF FIGURES

FIGURE	TITLE			
1	Conducted Emissions Test Setup			
2	Layout of the Semi-Anechoic Test Chamber			

LIST OF TABLES

TABLE	TABLE
1	Radiated Emission Test Results

Gamesensor Tx Model: EC0001

GENERAL REPORT SUMMARY

This electromagnetic emission test report is generated by Compatible Electronics Inc., which is an independent testing and consulting firm. The test report is based on testing performed by Compatible Electronics personnel according to the measurement procedures described in the test specifications given below and in the "Test Procedures" section of this report.

The measurement data and conclusions appearing herein relate only to the sample tested and this report may not be reproduced without the written permission of Compatible Electronics, unless done so in full.

This report must not be used to claim product certification, approval or endorsement by NVLAP, NIST, or any agency of the federal government.

Device Tested: Gamesensor Tx

Model: EC0001

S/N: N/A

Product Description: The EUT is a game sensor switch transmitter that operates in conjunction with an associated

receiver. The EUT is powered by a 3 VDC CR2032 battery.

Modifications: The EUT was not modified during the testing.

Customer: Acryl Design Ltd.

529 Jarvis Avenue

Winnipeg, Manitoba, Canada R2W 3A8

Test Dates: January 18 and 22, 2019

Test Specifications covered by accreditation:

Emissions requirements CFR Title 47, Part 15, Subpart B

Test Procedure: ANSI C63.4





SUMMARY OF TEST RESULTS

TEST	DESCRIPTION	RESULTS
1	Radiated RF Emissions 30 MHz – 9300 MHz to Class B Limits	Complies with the Class B limits of CFR Title 47, Part 15 Subpart B. Highest Reading in Relation to Spec Limit: 35.29 dBuV @ 889.50 MHz (*U = 3.19)

*U = Expanded Uncertainty with a coverage factor of k=2

Report Number: **B90123D1**FCC Class B Test Report

Gamesensor Tr

Gamesensor Tx Model: EC0001

1. PURPOSE

This document is a qualification test report based on the emissions tests performed on the Gamesensor Tx, Model: EC0001. The emissions measurements were performed according to the measurement procedure described in ANSI C63.4. The tests were performed in order to determine whether the electromagnetic emissions from the equipment under test, referred to as EUT hereafter, are within the <u>Class B specification limits defined by the Code of Federal Regulations Title 47, Part 15, as well as the specifications limits defined by ICES-003 Issue 6 for digital apparatus.</u>





ADMINISTRATIVE DATA

2.1 **Location of Testing**

The emissions tests described herein were performed at the test facility of Compatible Electronics, 114 Olinda Drive, Brea, California 92823.

2.2 **Traceability Statement**

The calibration certificates of all test equipment used during the test are on file at the location of the test. The calibration is traceable to the National Institute of Standards and Technology (NIST).

2.3 **Cognizant Personnel**

Acryl Design Ltd.

Troy Denton

Compatible Electronics Inc.

Tom Szynal Test Technician Michael Christensen Lab Manager

2.4 **Date Test Sample was Received**

The test sample was received prior to the date of testing.

2.5 **Disposition of the Test Sample**

The test has not yet been returned to AcrylDesign as of the date of this report.

2.6 **Abbreviations and Acronyms**

The following abbreviations and acronyms may be used in this document.

FCC Federal Communications Commission

RF Radio Frequency

Electromagnetic Interference Equipment Under Test **EMI**

EUT

Part Number P/N S/N Serial Number

Information Technology Equipment ITE

Corrected Meter Limit **CML**

LISN Line Impedance Stabilization Network

DC Direct Current Alternating Current ACPC Personal Computer

Co. Company N/A Not Applicable PE Protective Earth Inc. Incorporated Receiver Rx TxTransmitter



3. APPLICABLE DOCUMENTS

The following documents are referenced or used in the preparation of this Emissions Test Report.

SPEC	TITLE
CFR Title 47, Part 15	FCC Rules – Radio frequency devices (including digital devices)
ANSI C63.4: 2014	American National Standard for Methods of Measurement of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the Range of 9 kHz to 40 GHz
ICES-003 Issue 6: 2016	Spectrum Management and Telecommunications Policy – Interference- Causing Equipment Standard – Digital Apparatus

Gamesensor Tx Model: EC0001

4. DESCRIPTION OF TEST CONFIGURATION

4.1 Description of Test Configuration - Emissions

The Gamesensor Tx, Model: EC0001 (EUT) was tested in the X, Y, and Z axis as a 3 VDC powered device using a CR2032 battery for the receiver mode and two AA batteries for the transmitter mode. The X axis was found to be worst case for frequency hopping mode, the Z axis was found to be the worst case for receiving mode and final data was taken in the respective axis. During the tests, while in receiver mode, the EUT was continuously receiving an RF signal from its remotely located transmitter. When in transmitter mode, the EUT was continuously transmitting an RF signal.

It was determined that the emissions were at their highest level when the EUT was operating in the above configuration. The final radiated data was taken in the mode of operation described above. All initial investigations were performed with the EMI Receiver in manual mode scanning the frequency range continuously.

4.1.1 Cable Construction and Termination

Cable 1

This is a 35 centimeter two wire cable with a 2-pin connector attached as part of the EUT. The end of the cable is hard wired to a level sensor switch.

Cable 2

This is a 180 centimeter six wire cable connected to the EUT using an in-line six pin terminal connector. The cable was terminated at the accessory computer with a USB connector. This was used for initial test set up only.

Cable 3

This is a 175 centimeter two wire cable connecting the accessory computer to the AC/DC adapter. This was used for initial test set up only.

Cable 4

This is a 90 centimeter two wire cable connecting the AC/DC adapter to the AC wall outlet. This was used for initial test set up only.





LISTS OF EUT, ACCESSORIES AND TEST EQUIPMENT

5.1 **EUT and Accessory List**

EQUIPMENT	MANUFACTURER	MODEL NUMBER	S/N	FCC ID
GAMESENSOR TX (EUT)	ACRYL DESIGN	EC0001	N/A	FCC ID: OJM900MCA IC: 5840A-900MCA
SENSOR SWITCH FOR EUT	N/A	N/A	N/A	N/A
LAPTOP	LENOVO	THINKPAD	N/A	N/A
TEST SOFTWARE FOR EUT	PYTHON	HUM900PRC	N/A	N/A
USB CABLE	ACRYLDESIGN	N/A	N/A	N/A
AC/DC ADAPTER FOR LAPTOP	LENOVO	ADLX45NDC2A	N/A	N/A
AC POWER CABLE FOR LAPTOP	N/A	N/A	N/A	N/A



5.2 Emissions Test Equipment

EQUIPMENT TYPE	MANU- FACTURER	MODEL NUMBER	SERIAL NUMBER	CALIBRATION DATE	CAL. CYCLE		
	RF RADIATED EMISSIONS TEST EQUIPMENT						
TDK Emissions Lab	TDK RF Solutions, Inc.	9.22	700145	N/A	N/A		
Horn Antenna	Com-Power	AH-118	071175	February 22, 2018	2 Year		
CombiLog Antenna	Com-Power	AC-220	61060	July 27, 2017	2 Year		
EMI Receiver, 20 Hz – 26.5 GHz	Keysight Technologies	N9038A	MY51210150	July 26, 2018	1 Year		
System Controller	Sunol Sciences Corporation	SC110V	112213-1	N/A	N/A		
Turntable	Sunol Sciences Corporation	2011VS	N/A	N/A	N/A		
Antenna-Mast	Sunol Sciences Corporation	TWR95-4	112213-3	N/A	N/A		
Computer	Hewlett Packard	p6716f	MXX1030PX0	N/A	N/A		
LCD Monitor	Hewlett Packard	52031a	3CQ046N3MG	N/A	N/A		

6. TEST SITE DESCRIPTION

6.1 Test Facility Description

Please refer to section 2.1 and 7.1 of this report for the emissions test location.

6.2 EUT Mounting, Bonding and Grounding

The EUT was mounted on a 1.0 by 1.5 meter non-conductive table 0.8 meters above the ground plane.

The EUT was not grounded.

7. TEST PROCEDURES

The following sections describe the test methods and the specifications for the tests. Test results are also included in this section.

7.1 RF Emissions

7.1.1 Conducted Emissions Test

The EMI Receiver was used as a measuring meter. The data was collected with the spectrum analyzer in the peak detect mode with the "Max Hold" feature activated. The quasi-peak was used only where indicated in the data sheets. A 10dB attenuator was used for the protection of the EMI Receiver input stage, and the offset was adjusted accordingly to read the actual data measured. The LISN output was measured using the EMI Receiver. The output of the second LISN was terminated by a 50-ohm termination. The effective measurement bandwidth used for this test was 9 kHz.

Please see section 6.2 of this report for mounting, bonding, and grounding of the EUT. The EUT was powered through the LISN, which was bonded to the ground plane. The LISN power was filtered and the filter was bonded to the ground plane. The EUT was set up with the minimum distances from any conductive surfaces as specified in ANSI C63.4. The excess power cord was wrapped in a figure eight pattern to form a bundle not exceeding 0.4 meters in length.

The conducted emissions from the EUT were maximized for operating mode as well as cable placement. The final data was collected under program control by TDK TestLab software in several overlapping sweeps. The final qualification data is located in Appendix E.

Test Results:

This test was not performed because the EUT is a battery-powered device only and does not connect to the public AC mains.

7.1.2 Radiated Emissions Test

The EMI Receiver was used as the measuring meter. A built-in, internal preamplifier was used to increase the sensitivity of the instrument. The EMI Receiver was initially used in the Analyzer mode feature activated. In this mode, the EMI receiver can then record the actual frequency to be measured. This final reading is then taken accurately in the EMI Receiver mode, which takes into account the cable loss and antenna factors, so that a true reading is compared to the true limit.

The EMI test chamber of Compatible Electronics, Inc. was used for radiated emissions testing. This test site is in full compliance with ANSI C63.4. Please see section 6.2 of this report for mounting, bonding and grounding of the EUT. The turntable supporting the EUT is remote controlled using a motor. The turntable permits EUT rotation of 360 degrees in order to maximize emissions. Also, the antenna mast allows height variation of the antenna from 1 meter to 4 meters. Data was collected in the worst case (highest emission) configuration of the EUT. At each reading, the EUT was rotated 360 degrees and the antenna height was varied from 1 to 4 meters (for E field radiated field strength). The gunsight method was used when measuring with the double ridge horn antenna to ensure accurate results.

The measurement bandwidth and transducer used for the radiated emissions test were:

FREQUENCY RANGE	EFFECTIVE MEASUREMENT BANDWIDTH	TRANSDUCER
30 MHz to 1 GHz	120 kHz	CombiLog Antenna
1 GHz to 9.3 GHz	1 MHz	Horn Antenna

The EUT was tested at a 3 meter test distance. The six highest emissions are listed in Table 1.

Test Results:

The EUT complies with the Class B limits of CFR Title 47, Part 15 for radiated emissions.

FCC Class B Test Report

Gamesensor Tx

Model: EC0001

7.1.3 RF Emissions Test Results

Table 1 RADIATED EMISSION RESULTS

Gamesensor Tx, Model: EC0001

Frequency MHz	Mode	Quasi-Peak Corrected Reading* dBuV	Specification Limit dBuV	Delta (Cor. Reading – Spec. Limit) dB
889.50 (H) (X-Axis)	(Tx) (fHop)	35.29	46.00	-10.71
30.20 (H) (Z-Axis)	(Rx)	29.05	40.00	-10.95
867.60 (H) (X-Axis)	(Tx) (fHop)	33.71	46.00	-12.29
952.60 (H) (X-Axis)	(Rx) (fHop)	33.67	46.00	-12.33
40.70 (H) (Z-Axis)	(Rx)	27.41	40.00	-12.59
881.40 (H) (X-Axis)	(Tx) (fHop)	33.33	46.00	-12.67

Notes:

* The complete emissions data is given in Appendix E of this report.

(H) Horizontal(V) Vertical

(fHop) Frequency Hopping mode

(Rx) Receiver Mode(Tx) Transmitter Mode

8. CONCLUSIONS

The Gamesensor Tx, Model: EC0001 (EUT), as tested, meets the <u>Class B specification limits defined by the Code of Federal Regulations Title 47, Part 15, as well as the specification limits defined by ICES-003 Issue 6 for digital apparatus.</u>



Gamesensor Tx Model: EC0001

APPENDIX A

LABORATORY RECOGNITIONS

Report Number: **B90123D1**FCC Class B Test Report *Gamesensor Tx*

Model: EC0001

LABORATORY ACCREDITATIONS AND RECOGNITIONS



For US, Canada, Australia/New Zealand, Japan, Taiwan, Korea, and the European Union, Compatible Electronics is currently accredited by NVLAP to ISO/IEC 17025.

For the most up-to-date version of our scopes and certificates please visit

http://celectronics.com/quality/scope/

Quote from ISO-ILAC-IAF Communiqué on 17025:

"A laboratory's fulfilment of the requirements of ISO/IEC 17025:2005 means the laboratory meets both the technical competence requirements and management system requirements that are necessary for it to consistently deliver technically valid test results and calibrations. The management system requirements in ISO/IEC 17025:2005 (Section 4) are written in language relevant to laboratory operations and meet the principles of ISO 9001:2008 Quality Management Systems — Requirements."

Gamesensor Tx Model: EC0001

APPENDIX B

MODIFICATIONS TO THE EUT

Model: EC0001

MODIFICATIONS TO THE EUT

The modifications listed below were made to the EUT to pass FCC Class B specifications.

All the rework described below was implemented during the test in a method that could be reproduced in all the units by the manufacturer.

No modifications were made to the EUT during testing.



Gamesensor Tx Model: EC0001

APPENDIX C

ADDITIONAL MODELS COVERED UNDER THIS REPORT

Gamesensor Tx Model: EC0001

ADDITIONAL MODELS COVERED UNDER THIS REPORT

USED FOR THE PRIMARY TEST

Gamesensor Tx Model: EC0001 S/N: N/A

There were no additional models covered under this report.



APPENDIX D

DIAGRAMS, CHARTS, and PHOTOS



FIGURE 1: CONDUCTED EMISSIONS TEST SETUP

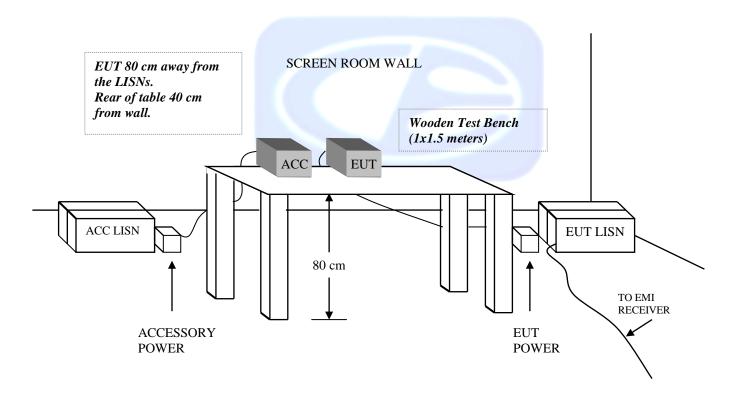
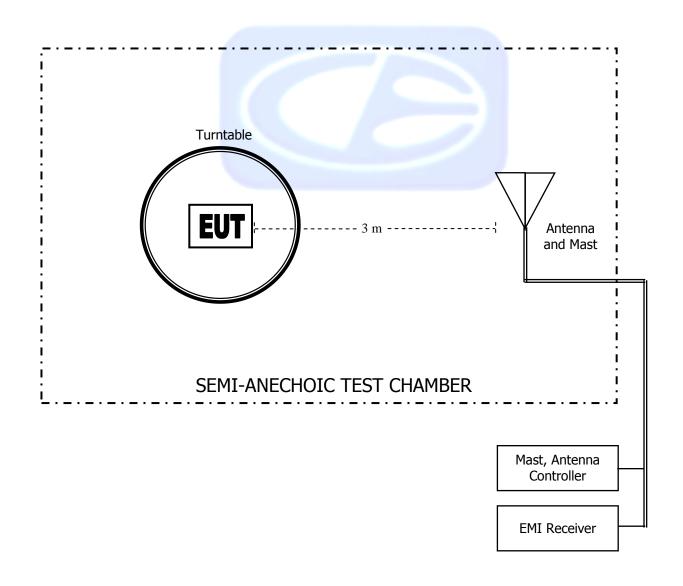




FIGURE 2: LAYOUT OF THE SEMI-ANECHOIC TEST CHAMBER



Model: EC0001



COM-POWER AC-220

COMBILOG ANTENNA

S/N: 61060

CALIBRATION DATE: JULY 27, 2017

FREQUENCY (MHz)	FACTOR (dB)	FREQUENCY (MHz)	FACTOR (dB)
30	23.80	200	14.10
35	24.00	250	15.30
40	24.70	300	17.70
45	22.90	350	17.70
50	22.10	400	19.00
60	17.60	450	21.30
70	12.70	500	21.00
80	11.20	550	22.30
90	13.10	600	23.40
100	14.40	650	22.90
120	15.30	700	24.60
125	15.00	750	24.50
140	12.80	800	25.40
150	16.50	850	26.40
160	12.90	900	27.20
175	14.30	950	27.80
180	14.50	1000	26.80

Model: EC0001



COM POWER AH-118

HORN ANTENNA

S/N: 071175

CALIBRATION DATE: FEBRUARY 22, 2018

FREQUENCY (GHz)	FACTOR (dB)	FREQUENCY (GHz)	FACTOR (dB)
	· /	` /	` ,
1.0	23.71	10.0	40.08
1.5	25.46	10.5	40.75
2.0	29.26	11.0	41.78
2.5	27.95	11.5	41.02
3.0	29.03	12.0	40.32
3.5	29.70	12.5	40.96
4.0	30.71	13.0	40.29
4.5	31.62	13.5	39.48
5.0	33.23	14.0	39.89
5.5	35.07	14.5	42.75
6.0	34.43	15.0	40.98
6.5	34.98	15.5	38.54
7.0	36.75	16.0	39.40
7.5	37.10	16.5	39.40
8.0	37.66	17.0	41.74
8.5	39.29	17.5	42.58
9.0	37.75	18.0	44.68
9.5	38.23		

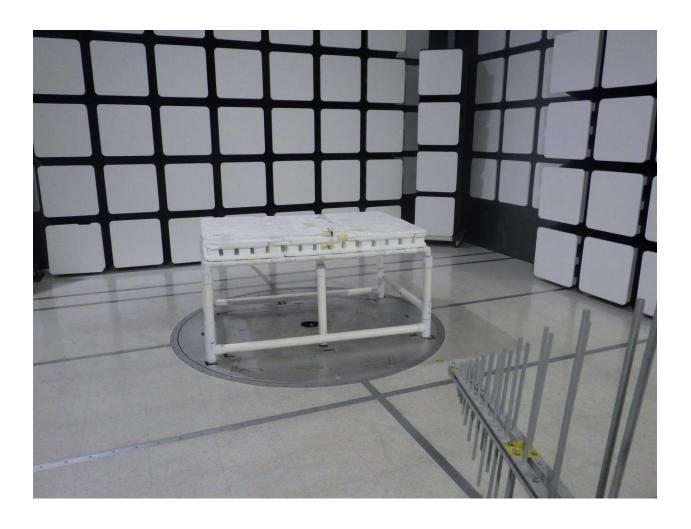




FRONT VIEW

ACRYL DESIGN LTD.
GAMESENSOR TX
MODEL: EC0001
FCC CLASS B – RADIATED EMISSIONS – BELOW 1 GHz

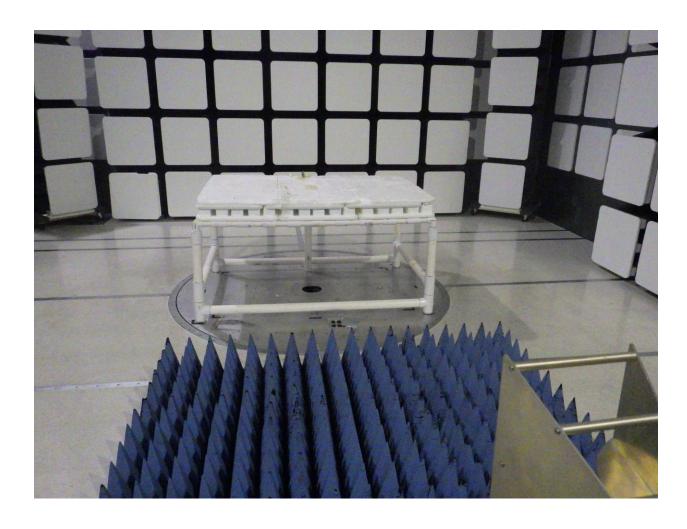




REAR VIEW

ACRYL DESIGN LTD.
GAMESENSOR TX
MODEL: EC0001
FCC CLASS B – RADIATED EMISSIONS– BELOW 1 GHz





FRONT VIEW

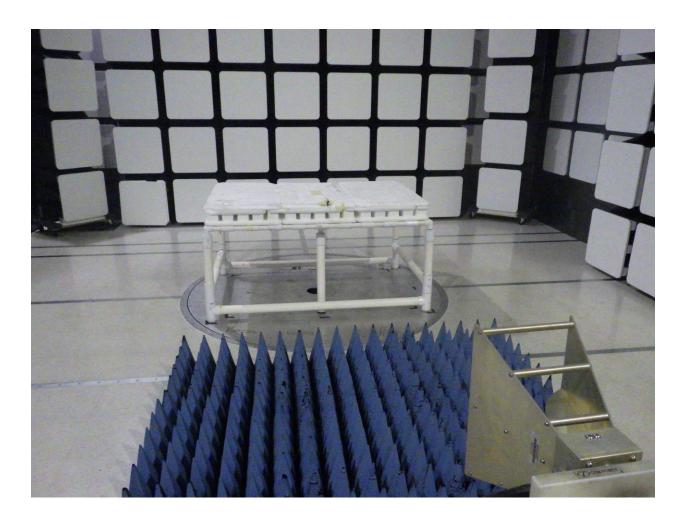
ACRYL DESIGN LTD.

GAMESENSOR TX

MODEL: EC0001

FCC CLASS B – RADIATED EMISSIONS – ABOVE 1 GHz





REAR VIEW

ACRYL DESIGN LTD.

GAMESENSOR TX

MODEL: EC0001

FCC CLASS B – RADIATED EMISSIONS – ABOVE 1 GHz

Gamesensor Tx Model: EC0001

APPENDIX E

DATA SHEETS

FCC Class B Test Report Gamesensor Tx

Report Number: B90123D1

Model: EC0001

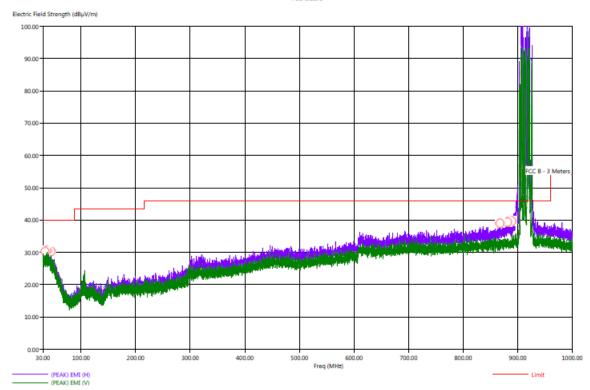
Title: Pre-Scan - FCC Class B
File: EC0001 - Pre-Scan - Tx Frequency hopping X-Axis Transmit mode.set
Operator: Tom Szynal
EUT Type: Gamesensor Tx
EUT Condition: EUT is continuously transmitting signal - Frequency Hopping X-Axis
Comments: Company: Acryl Design
Model: EC0001

SN: NAA.

1/22/2019 11:20:02 AM

S/N: N/A

Note: The frequency range from 902.95 MHz to 927 MHz is from the transmitter and is subject to the limits of FCC 15.249 instead.





Gamesensor Tx Model: EC0001

> 1/22/2019 11:34:11 AM Sequence: Final Measure

Title: Radiated Final - FCC Class B File: EC0001 - Final Scan - Tx Frequency hopping X-Axis Transmit mode.set Operator. Tom Szynal EUT Type: Gamesensor Tx EUT Opinition: EUT is continuously transmitting signal - Frequency Hopping X-Axis
Comments: Company: Acryl Design
Model: EC0001

S/N: N/A

Note: The frequency range from 902.95 MHz to 927 MHz is from the transmitter and is subject to the limits of FCC 15.249 instead.

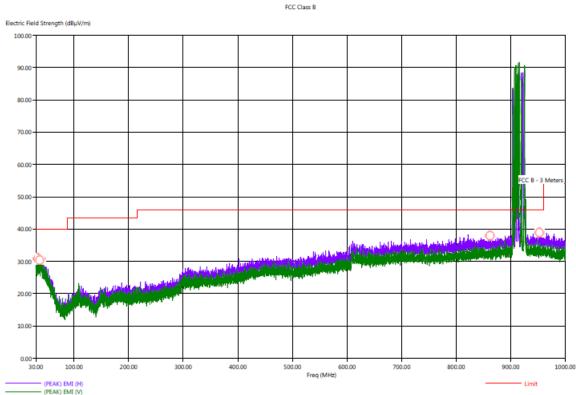
Frea (MHz)	Pol	(PEAK) EMI (dBµV/m)	(OP) EMI (dBµV/m)	(PEAK) Margin (dB)	(QP) Margin (dB)	Limit (dBµV/m)	Transducer (dB)	Cable (dB)	Ttbl Aql (deg)	Twr Ht (cm)
34.10	н	32.16	26.43	-7.84	-13.57	40.00	23.97	0.84	96.00	270.97
37.60	H	31.49	26.68	-8.51	-13.32	40.00	24.38	0.88	79.50	127.14
45.30	н	30.79	24.95	-9.21	-15.05	40.00	22.81	0.90	55.75	190.91
867.60	н	38.03	33.71	-7.97	-12.29	46.00	26.68	2.87	327.75	286.97
881.40	H	39.01	33.33	-6.99	-12.67	46.00	26.91	2.93	216.50	238.97
889.50	H	45.41	35.29	-0.59	-10.71	46.00	27.04	2.96	104.00	175.20

> Gamesensor Tx Model: EC0001

Title: Pre-Scan - FCC Class B
File: EC0001 - Pre-Scan - Tx Frequency hopping X-Axis Receive mode.set
Operator: Tom Szynal
EUT Type: Gamsensor Tx
EUT Condition: EUT is continuously receiving signal from associated transmitter - Frequency Hopping X-Axis Comments: Company: Acryl Design Model: EC0001 S/N: N/A

Note: The frequency range from 902.95 MHz to 927 MHz is from the transmitter and is subject to the limits of FCC 15.249 instead.

1/22/2019 10:38:04 AM Sequence: Preliminary Scan





> Gamesensor Tx Model: EC0001

> > 1/22/2019 10:57:45 AM Sequence: Final Measurements

Title: Radiated Final - FCC Class B
File: EC0001 - Final Scan - Tx Frequency hopping X-Axis Receive mode.set
Operator: Tom Szynal
EUT Type: Gamesensor Tx
EUT Condition: EUT is continuously receiving signal from associated transmitter - Frequency Hopping X-Axis
Comments: Company: Acryl Design
Model: EC0001
S/N: N/A
Note: The frequency received.

Note: The frequency range from 902.95 MHz to 927 MHz is from the transmitter and is subject to the limits of FCC 15.249 instead.

Frea (MHz)	Pol	(PEAK) EMI (dBuV/m)	(OP) EMI (dBuV/m)	(PEAK) Margin (dB)	(QP) Margin (dB)	Limit (dBµV/m)	Transducer (dB)	Cable (dB)	Ttbl Aql (deg)	Twr Ht (cm)
33.90	H	31.98	27.07	-8.02	-12.93	40.00	23.95	0.84	359.50	270.55
36.90	v	33.30	26.75	-6.70	-13.25	40.00	24.31	0.87	216.25	334.91
37.70	н	31.87	26.71	-8.13	-13.29	40.00	24.41	0.88	267.75	127.20
39.50	н	32.19	27.00	-7.81	-13.00	40.00	24.65	0.90	178.00	383.02
862.10	н	38.80	32.71	-7.20	-13.29	46.00	26.60	2.85	134.75	254.85
952.60	H	39.32	33.67	-6.68	-12 33	46.00	27.75	3.10	319.00	398.67

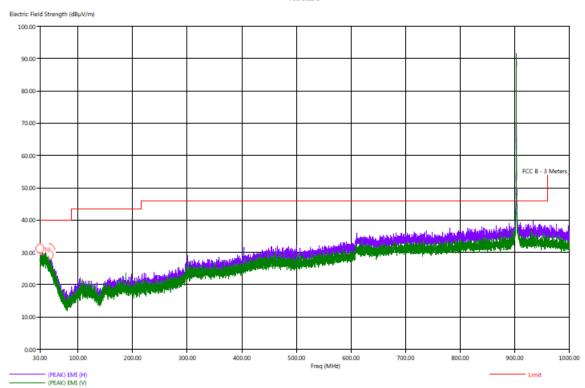
> Gamesensor Tx Model: EC0001

> > 1/18/2019 11:27:58 AM Sequence: Preliminary Scan

Title: Pre-Scan - FCC Class B File: Gamesensor EC0001 - Pre-Scan - Tx Low Z-Axis Receive mode.set Continue Con

Comments: Company: Acryl Design Model: EC0001 S/N: N/A

Note: The frequency at 902.95 MHz is from the transmitter and is subject to the limits of FCC 15.249 instead.





> Gamesensor Tx Model: EC0001

> > 1/18/2019 3:16:25 PM Sequence: Final Measurements

Title: Radiated Final - FCC Class B
File: Gamesensor EC0001 - Final Scan - Tx Low Z-Axis Receive mode.set
Operator: Tom Szynal
EUT Type: Gamesensor Tx
EUT Condition: EUT is continuously receiving signal from associated transmitter - Low Channel Z-Axis
Comments: Company: Acryl Design
Model: EC0001
S/N: N/A
Note: The formula of the Company Acryl Company Comp

Note: The frequency at 902.95 MHz is from the transmitter and is subject to the limits of FCC 15.249 instead.

Frea (MHz)	Pol	(PEAK) EMI (dBµV/m)	(OP) EMI (dBµV/m)	(PEAK) Margin (dB)	(QP) Margin (dB)	Limit (dBµV/m)	Transducer (dB)	Cable (dB)	Ttbl Aql (deg)	Twr Ht (cm)
30.20	н	31.86	29.05	-8.14	-10.95	40.00	23.80	0.80	58.00	238.97
34.40	H	31.57	26.61	-8.43	-13.39	40.00	23.97	0.85	181.75	302.97
38.10	н	32.87	27.06	-7.13	-12.94	40.00	24.46	0.88	23.25	398.91
40.70	н	32.96	27.41	-7.04	-12.59	40.00	24.43	0.90	106.00	334.73
47.30	н	30.18	24.70	-9.82	-15.30	40.00	22.48	0.90	359.75	191.08
49.30	н	30.40	24.90	-9.60	-15.10	40.00	22.24	0.90	273.75	270.91

Gamesensor Tx Model: EC0001

FCC Class B

Acryl Design Ltd. Date: 01-22-19

Gamesensor Tx Lab: D

Part Number: EC0001 Tested By: Tom Szynal

Transmit Frequency Hopping Mode - 1 GHz to 9.3 GHz - Unit Tx

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
								No Emissions Detected
								from 1 GHz to 9.3 GHz
								for the Transmit Hopping Mode
								of the Tx EUT
								Investigated in the X-Axis,
								Y-Axis, and Z-Axis
								Investigated when transmitting
								at frequency hopping mode

Gamesensor Tx Model: EC0001

FCC Class B

Acryl Design Ltd. Date: 01-22-19

Gamesensor Tx Lab: D

Part Number: EC0001 Tested By: Tom Szynal

Receive Frequency Hopping Mode - 1 GHz to 9.3 GHz - Unit Tx

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
								No Emissions Detected
								from 1 GHz to 9.3 GHz
								for the Receive Hopping Mode
								of the Tx EUT
								Investigated in the X-Axis,
								Y-Axis, and Z-Axis
								Investigated when receiving
								at frequency hopping mode

Gamesensor Tx Model: EC0001

FCC Class B

Acryl Design Ltd. Date: 01-22-19

Gamesensor Tx Lab: D

Part Number: EC0001 Tested By: Tom Szynal

Receive Mode - 1 GHz to 5 GHz - Unit Tx

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
								No Emissions Detected
								from 1 GHz to 5 GHz
								for the Receive Mode
								of the Tx EUT
								Investigated in the X-Axis,
								Y-Axis, and Z-Axis
								Investigated when receiving
								at 902.95 MHz