

TEST REPORT

Applicant	3Dconnexion
Address	7, Boulevard du Jardin Exotique, 98000 Monaco

Manufacturer or Supplier	3Dconnexion	
Address	7, Boulevard du Jardin Exotique, 98000 Monaco	
Product	CadMouse Pro Wireless	
Brand Name	3Dconnexion	
Model	3DX-600069	
Additional Model & Model Difference	3DX-700082, 3DX-700118, See items 2.1	
Date of tests	Apr. 21, 2020 ~ May 30, 2020	

the tests have been carried out according to the requirements of the following standards:

ARIB STD-T66, Article 2 Section 1 Item 19

CONCLUSION: The submitted sample was found to COMPLY with the test requirement

<p>Tested by Lucas Chen Project Engineer / EMC Department</p>	<p>Approved by Glyn He Assistant Manager / EMC Department</p>
	

Date: Apr. 28, 2022

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VERITAS

Test Report No.: RJ2204WDG0040-1

RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
RJ200420S006-1	Original release	Jun. 09, 2020
RJ2204WDG0040-1	Based on the original report added additional model, but it doesn't need to be retested.	Apr. 28, 2022



1 SUMMARY OF TEST RESULTS

Article 2 Section 1 Item 19 Reference	ARIB STD-T66 REF.	REPORT REFERENCE	PARAMETER	TEST RESULTS (NOTE)
GENERAL PROVISIONS				
C	3.2 (4)	3.1	Frequency tolerance	C
D	3.2 (7)	3.2	Occupied bandwidth	C
E	3.2 (6)	3.4	Spurious emissions	C
TRANSMITTING EQUIPMENT				
F	--	3.5	Antenna power	C
--	--	--	SAR	NA
TRANSMITTING ANTENNA				
--	--	2.5	Type, configuration, etc. of transmitting antenna	C
--	--	2.5	Direction pattern of transmitting antenna	C
RECEIVING EQUIPMENT				
G	3.3 (1)	3.6	Spurious emissions of receiver	C
--	--	2.5	Refer to all articles for transmitting antenna	C
OPERATING FREQUENCY 2400 TO 2483.5MHZ				
--	3.7 (1)	2.4	High frequency/modulation section cannot be opened easily	C
--	3.1 (1)	2.1	Communication method	C
--	3.2 (1)	2.1	Modulation method	C
--	3.2 (1)	2.1	Spread spectrum method	C
--	3.2 (2)	3.5	Antenna power	C
--	3.6 (2)	3.5	Absolute gain of transmitting antenna	C
--	3.6 (2)	--	Angular width of principal radiation (AWPR)	NA
--	3.2 (10)	--	Number of carriers within 1 MHz bandwidth in OFDM	NA
--	3.2 (8)	3.3	Diffusion bandwidth	C
--	3.2 (9)	--	Spreading factor	NA
--	3.2 (11)	--	Frequency retention time (FH employed)	NA
NOTE: C = Conform NC = Not Conform NT = Not Tested NA = Not Applicable				



2 GENERAL INFORMATION

2.1 GENERAL DESCRIPTION OF EUT

PRODUCT	CadMouse Pro Wireless
MODEL NO.	3DX-600069
ADDITIONAL MODEL	3DX-700082, 3DX-700118
POWER SUPPLY:	DC 3.7V from Battery
MODULATION TYPE	GFSK
OPERATING FREQUENCY	2404MHz ~ 2477MHz
NUMBER OF CHANNEL	5
RATED RF OUTPUT POWER	0.20 mW
CONDUCTED RF OUTPUT POWER	0.20 mW
EIRP OUTPUT POWER	0.22 mW
ANTENNA TYPE	Ceramic Antenna 0.5dBi gain
HW-RELEASE NO	V1.10
SW-RELEASE NO	V10.6.1
DATA CABLE	N/A
I/O PORTS	Refer to user's manual

NOTES:

1. The EUT operates in the 2.4GHz frequency spectrum and complies with GFSK techniques.
2. The above EUT information was declared by the manufacturer and for more detailed features description and please refers to the manufacturer's specifications or User's Manual.
3. Additional models 3DX-700082, 3DX-700118 are identical with the test model 3DX-600069 except the model number for trading purpose.



2.2 DESCRIPTION OF TEST CHANNELS

Channel	Freq. (MHz)
Low	2404
Middle	2442
High	2477

Note: The more detailed channel, please refer to the product specifications



2.3 TEST CONDITIONS

Test conditions	Voltage (Vac)
V_{normal}	3.70
V_{max}	4.20
V_{min}	3.20

2.4 ASSEMBLY

The EUT is constructed as a wireless mouse. The housing consists of two parts, the parts was fixed together by 4 pcs of security screw, separating the two parts was only possible by special tools.

2.5 ANTENNA SPECIFICATIONS

2.5.1 ANTENNA GAIN

Ant. Type	Connector Type	Highest Peak Gain (dBi) 2.4GHz ~ 2.5GHz
Ceramic	N/A	0.5

2.5.2 ANTENNA PATTERN

Please refer to the attached file (Antenna pattern).



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3 TEST RESULTS

Please refers to the Original Report: RJ200420S006-1

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