


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 Left	
Brand Name	3Dconnexion	
Model	3DX-600066	
Additional Models & Model Difference	3DX-700079, 3DX-700117, See items 2.1	
Date of tests	May 28, 2019	

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

Tested by Lucas Chen Project Engineer / EMC Department	Approved by Glyn He Assistant Manager/ EMC Department
	 Date: Apr. 28, 2022

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RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
Q190505S011-Telec-R1	Original release	Jun. 13, 2019
RJ2204WDG0038-1	Based on the original report added additional model, but it doesn't need to be retested.	Apr. 28, 2022



1 SUMMARY OF TEST RESULTS

The EUT has been tested according to the following specifications (For BT-LE):

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	3.2(1)	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)	3.4	High Frequency/modulation section cannot be opened easily	C
--	3.1 (1)	3.1	Communication method	C
--	3.2 (1)a	3.1	Modulation method	C
--	3.2 (1)a	3.1	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)	3.5	Angular width of principal radiation (AWPR)	C
--	3.2 (10)	6	Number of carriers within 1 MHz bandwidth in OFDM	C
--	3.2 (8)	3.3	Diffusion bandwidth	C
--	3.2 (9)	3.3	Spreading factor	C
--	3.4.1(1)	3.8	Interference Prevention Function	C
--	3.4.1(3)	3.7	Carrier Sense Capability	C
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 Left
MODEL NO.	3DX-600066
ADDITIONAL MODELS	3DX-700079, 3DX-700117
TYPE OF EQUIPMENT	Data transmission equipment operating in the 2.4GHz
MODULATION TYPE	BT-LE(GFSK)
MODULATION TECHNOLOGY	DTS
OPERATING FREQUENCY	2402MHz ~ 2480MHz
NUMBER OF CHANNEL	40
RATED RF OUTPUT POWER	0.60 mW
CONDUCTED RF OUTPUT POWER	0.57mW
HW-RELEASE NO	1.2.0
SW-RELEASE NO	10.8.0
ANTENNA TYPE	Ceramic Antenna, with 0.5dBi gain
CABLE SUPPLIED	N/A

NOTES:

1. For the test results, the EUT had been tested with all conditions.
2. The above EUT information was declared by manufacturer and for more detailed features description please refers to the manufacturer's specifications or user's manual.
3. Additional models 3DX-700079, 3DX-700117 are identical with the test model 3DX-600066 except the model number for trading purpose.



2.2 DESCRIPTION OF TEST CHANNELS

40 channels are provided for BT-LE(GFSK):

CHANNEL	FREQ. (MHZ)	CHANNEL	FREQ. (MHZ)	CHANNEL	FREQ. (MHZ)	CHANNEL	FREQ. (MHZ)
0	2402	10	2422	20	2442	30	2462
1	2404	11	2424	21	2444	31	2464
2	2406	12	2426	22	2446	32	2466
3	2408	13	2428	23	2448	33	2468
4	2410	14	2430	24	2450	34	2470
5	2412	15	2432	25	2452	35	2472
6	2414	16	2434	26	2454	36	2474
7	2416	17	2436	27	2456	37	2476
8	2418	18	2438	28	2458	38	2478
9	2420	19	2440	29	2460	39	2480

NOTE:

1. The channels which were indicated in bold type of the above channel list were selected as representative test channel. Therefore only the data of the test channels were recorded in this report.
2. By means of test software for BT LE provided by manufacture, the power levels during the tests were set according to the following codes:

BT-LE (GFSK)	
CHANNEL	POWER SETTING
0	Default
19	Default
39	Default



2.3 TEST CONDITIONS

Test conditions	Voltage (Vdc)
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 report).



Test Report No.: RJ2204WDG0038-1

3 TEST RESULTS

Please refers to the Original Report: Q190505S011-Telec-R1

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