

Prüfbericht-Nr.: <i>Test report no.:</i>	CN23QR2D 001	Auftrags-Nr.: <i>Order no.:</i>	168404445	Seite 1 von 20 <i>Page 1 of 20</i>
Kunden-Referenz-Nr.: <i>Client reference no.:</i>	N/A	Auftragsdatum: <i>Order date:</i>	2022-12-22	
Auftraggeber: <i>Client:</i>	VTech Electronics Limited 23F Tai Ping Industrial Center, Block 1, 57 Ting Kok Road, Tai Po, Hong Kong			
Prüfgegenstand: <i>Test item:</i>	Wireless controller			
Bezeichnung / Typ-Nr.: <i>Identification / Type no.:</i>	6088, 80-608800, 80-608803, 80-608804, 80-608822, 80-6088xx (xx=00 to 99, definition of country and language version)			
Auftrags-Inhalt: <i>Order content:</i>	FCC and IC approval			
Prüfgrundlage: <i>Test specification:</i>	CFR47 FCC Part 15: Subpart C Section 15.247 CFR47 FCC Part 15: Subpart C Section 15.207 CFR47 FCC Part 15: Subpart C Section 15.209 CFR47 FCC Part 2.1093 RSS-247 Issue 2 February 2017 RSS-Gen Issue 5 February 2021 RSS-102 Issue 5 February 2021			
Wareneingangsdatum: <i>Date of sample receipt:</i>	2022-12-28	Please refer to photo documents		
Prüfmuster-Nr.: <i>Test sample no.:</i>	A003395764			
Prüfzeitraum: <i>Testing period:</i>	2022-12-29 – 2023-01-31			
Ort der Prüfung: <i>Place of testing:</i>	TÜV Rheinland (Shenzhen) Co., Ltd.			
Prüflaboratorium: <i>Testing laboratory:</i>	TÜV Rheinland (Shenzhen) Co., Ltd.			
Prüfergebnis*: <i>Test result*:</i>	Pass			
geprüft von: <i>tested by:</i>			genehmigt von: <i>authorized by:</i>	
Datum: <i>Date:</i>	2023-03-10		Ausstellungsdatum: <i>Issue date:</i>	2023-03-10
	Signed by: Alex Lan			Signed by: Lin Lin
Stellung / Position	Assistant Project Manager		Stellung / Position	Reviewer
Sonstiges / Other:				
FCC ID: G2R-6088 IC: 1135D-6088 HVIN: 6088 PMN: Peppa Pig Peppa's Big Day				
Zustand des Prüfgegenstandes bei Anlieferung: <i>Condition of the test item at delivery:</i>		Prüfmuster vollständig und unbeschädigt <i>Test item complete and undamaged:</i>		
* Legende: 1 = sehr gut 2 = gut 3 = befriedigend 4 = ausreichend 5 = mangelhaft P(ass) = entspricht o.g. Prüfgrundlage(n) F(ail) = entspricht nicht o.g. Prüfgrundlage(n) N/A = nicht anwendbar N/T = nicht getestet Legend: 1 = very good 2 = good 3 = satisfactory 4 = sufficient 5 = poor P(ass) = passed a.m. test specifications(s) F(ail) = failed a.m. test specifications(s) N/A = not applicable N/T = not tested				
Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens. <i>This test report only relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any test mark.</i>				

V05

5.1.2 Maximum Conducted Output Power

RESULT:

Pass

Test Specification

Test standard	: FCC Part 15.247(b)(3)
	: RSS-247 Clause 5.4(d)
Basic standard	: ANSI C63.10: 2013
Limits	: < 1 Watt (Maximum Conducted Peak Power)
	: e.i.r.p. <4W
Kind of test site	: Shielded Room

Test Setup

Date of testing	: 2023-01-05
Input voltage	: DC 3V
Operation mode	: A
Test channel	: Low / Middle / High
Ambient temperature	: 24.8 °C
Relative humidity	: 55 %
Atmospheric pressure	: 101 kPa

For details refer to following test result.

Table 4: Test Result of Maximum Conducted Output Power

Channel	Channel Frequency (MHz)	Conducted Peak Output Power		Limit
		(dBm)	(W)	(W)
Low Channel	2408	-4.0	0.00040	1
Middle Channel	2438	-4.3	0.00037	1
High Channel	2472	-4.3	0.00037	1

Note: The cable loss is taken into account in results and the e.i.r.p. is -4.0 dBm less than 4W (36 dBm).

6 Safety Human Exposure

6.1 Radio Frequency Exposure Compliance

6.1.1 Electromagnetic Fields

RESULT:**Pass****Test Specification**

Test standard : FCC KDB Publication 447498 v06
CFR47 FCC Part 2: Section 2.1093
CFR47 FCC Part 1: Section 1.1310
RSS-102 Issue 5 February 2021

FCC requirement:

The measured maximum conducted output power of the EUT is -4.0 dBm $\approx$ 0.4mW, which is far below the SAR exclusion threshold level 10mW (SAR Test Exclusion Thresholds for 100 MHz – 6 GHz and $\leq$ 50 mm), hence the EUT is excluded from SAR evaluation according to FCC KDB publication 447498 D01: Mobile and Portable RF Exposure. Guidance v06.

IC requirements:

The measured maximum specified e.i.r.p of the EUT is -4.0 dBm $\approx$ 0.4mW, which is far below the SAR exclusion threshold level 4mW, hence the EUT is excluded from SAR evaluation according to RSS-102 Issue 5 section 2.5.1.