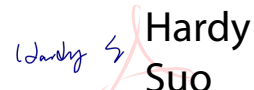



Prüfbericht-Nr.: <i>Test report no.:</i>	CN226Z2Y 003	Auftrags-Nr.: <i>Order no.:</i>	168347038	Seite 1 von 3 Page 1 of 3
Kunden-Referenz-Nr.: <i>Client reference no.:</i>	N/A	Auftragsdatum: <i>Order date:</i>	2021-12-21	
Auftraggeber: <i>Client:</i>	SZ DJI Osmo Technology Co., Ltd. 4F, Jingkou Community Comprehensive Service Building, No. 83 Bishui Road North, Guangming Street, Guangming District, Shenzhen, P. R. China			
Prüfgegenstand: <i>Test item:</i>	DJI RS 3			
Bezeichnung / Typ-Nr.: <i>Identification / Type no.:</i>	P11C			
Auftrags-Inhalt: <i>Order content:</i>	Test Report			
Prüfgrundlage: <i>Test specification:</i>	FCC Part 2: Section 2.1091 KDB 447498 D01 General RF Exposure Guidance v06 RSS-102 Issue 5			
Wareneingangsdatum: <i>Date of sample receipt:</i>	2021-12-25	Please refer to photo documents		
Prüfmuster-Nr.: <i>Test sample no.:</i>	A003187904 003 A003189904-005			
Prüfzeitraum: <i>Testing period:</i>	2021-12-25 to 2022-01-06			
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>	<u>X  Hardy Suo</u>	genehmigt von: <i>authorized by:</i>	<u>X  Lin Lin</u>	
Datum: <i>Date:</i>	2022-01-18	Ausstellungsdatum: <i>Issue date:</i>	2022-01-18	
Stellung / Position:	Sachverständige(r) / Expert	Stellung / Position:	Sachverständige(r) / Expert	
Sonstiges / Other:	FCC ID: 2ANDR-P11C2022 IC: 23060-P11C2022 HVIN: P11C			
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 P(ass) = entspricht o.g. Prüfgrundlage(n)	2 = gut F(ail) = entspricht nicht o.g. Prüfgrundlage(n)	3 = befriedigend N/A = nicht anwendbar	4 = ausreichend N/T = nicht getestet
* Legend:	1 = very good P(ass) = passed a.m. test specification(s)	2 = good F(ail) = failed a.m. test specification(s)	3 = satisfactory N/A = not applicable	4 = sufficient 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

1. Radio Frequency Exposure

RESULT:

Pass

Test standard : FCC Part 2: Section 2.1091
 KDB 447498 D01 General RF Exposure Guidance v06
 RSS-102 Issue 5

1.1 Product Technical Information

P11C is a professional single-handed 3-axis gimbal specifically designed for DSLR and mirrorless cameras, it supports Bluetooth BLE wireless technology.

For details refer to the User Manual, Technical Description and Circuit Diagram.

General Information of EUT	Value
Kind of Equipment	DJI RS 3
Type Designation	P11C
Operating Voltage	Type-C Port by AC/DC adapter or Li-ion Battery operated
Extreme Temperature Range	-20 °C ~ +45 °C
Radiofrequency operating mode	Bluetooth BLE: operating within 2400-2483.5MHz, 1Mbps&2Mbps
FCC ID	2ANDR-P11C2022
IC	23060-P11C2022
HVIN	P11C
Technical Specification of Bluetooth	
Operating Frequency	2402-2480MHz
Type of Modulation	GFSK
Data Rate	1Mbps, 2Mbps
Channel Number	40 channels for Bluetooth BLE
Channel Separation	1MHz and 2MHz
Antenna Type	Integral Antenna
Antenna Number	1
Antenna Gain	2 dBi
The type of wideband data transmission equipment	Non-FHSS

1.2 Result:

1) According to the KDB 447498 D1 v06 section 4.3.1:
 The maximum conducted output power for the EUT is 4.35dBm=2.72mW.

The SAR Exclusion Threshold Level for 10-g extremity SAR:
 $= 7.5 * (\text{min. test separation distance, mm}) / \sqrt{\text{freq. in GHz}}$
 $= 7.5 * 5 / \sqrt{2.480} \text{ mW}$
 $= 23.8 \text{ mW}$

Since the max. conducted output power is well below the SAR low threshold level, so the EUT is considered to comply with SAR requirement without testing.

2) According to RSS-102 Issue 5 section 5.2.1:
The e.r.i.p for the EUT is $6.35\text{dBm}=4.32\text{mW}$.
The 10-g extremity SAR exemption limit is $4\text{mW}\cdot 2.5=10\text{mw}$

Since the e.r.i.p is well below the SAR low threshold level, so the EUT is considered to comply with SAR requirement without testing.

Remark: P11C is a handed device, hence the 10-g extremity SAR is applicable.