

Prüfbericht-Nr.: <i>Test report no.:</i>	CN22XLNH 003	Auftrags-Nr.: <i>Order no.:</i>	168368681	Seite 1 von 2 <i>Page 1 of 2</i>
Kunden-Referenz-Nr.: <i>Client reference no.:</i>	N/A	Auftragsdatum: <i>Order date:</i>	2022-04-21	
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 Mini			
Bezeichnung / Typ-Nr.: <i>Identification / Type no.:</i>	P20M			
Auftrags-Inhalt: <i>Order content:</i>	Test Report			
Prüfgrundlage: <i>Test specification:</i>	CFR 47 FCC Part 2: Section 2.1091 KDB 447498 D01 General RF Exposure Guidance v06			
Wareneingangsdatum: <i>Date of sample receipt:</i>	2022-08-15	Please refer to Photo Document		
Prüfmuster-Nr.: <i>Test sample no.:</i>	A003317804-032 A003317804-006, 011			
Prüfzeitraum: <i>Testing period:</i>	2022-08-18 to 2022-08-23			
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>	X <u>Hardy</u> Suo	genehmigt von: <i>authorized by:</i>	X <u>Lin Lin</u>	
Datum: <i>Date:</i>	2022-09-22	Ausstellungsdatum: <i>Issue date:</i>	2022-09-22	
Stellung / Position:	Sachverständige(r) / Expert	Stellung / Position:	Sachverständige(r) / Expert	
Sonstiges / Other:	FCC ID: 2ANDR-P20M2022			
Zustand des Prüfgegenstandes bei Anlieferung: <i>Condition of the test item at delivery:</i>	Prüfmuster vollständig und unbeschädigt Test item complete and undamaged			
* 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 : CFR 47 FCC Part 2: Section 2.1091
 KDB 447498 D01 General RF Exposure Guidance v06

1.1 Product Technical Information

The EUT (Equipment Under Test) is a DJI RS 3 Mini. It supports Bluetooth Low Energy 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 Mini
Type Designation:	P20M
Operating Temperature Range:	-10 °C ~ 45 °C
FCC ID:	2ANDR-P20M2022
Operating Voltage	USB Port 5Vdc/2A or Battery operated (7.2Vdc, 2450mAh)
Radiofrequency operating mode:	Bluetooth: operating within 2400-2483.5MHz, Bluetooth BLE, 1Mbps&2Mbps
Technical Specification of Bluetooth LE	
Frequency Range:	2402 MHz to 2480 MHz
Type of Modulation:	GFSK
Channel Number:	40 channels
Data Rate:	1 Mbps, 2 Mbps
Channel Separation:	2 MHz
Antenna Type:	Integral Antenna
Antenna Gain:	0 dBi

1.2 Result

1) According to the KDB 447498 D1 v06 section 4.3.1:
 The maximum conducted output power for the EUT is 0.98dBm=1.253mW.

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

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.

Remark: P20M is a handed device, hence the 10-g extremity SAR is applicable.