

<b>Prüfbericht-Nr.:</b> <i>Test report no.:</i>	<b>CN22WMZD 006</b>	<b>Auftrags-Nr.:</b> <i>Order no.:</i>	<b>168459266</b>	Seite 1 von 19 Page 1 of 19
<b>Kunden-Referenz-Nr.:</b> <i>Client reference no.:</i>	N/A	<b>Auftragsdatum:</b> <i>Order date:</i>	2024-01-02	
<b>Auftraggeber:</b> <i>Client:</i>	<b>SZ DJI TECHNOLOGY CO., LTD.</b> Lobby of T2, DJI Sky City, No. 53 Xianyuan Road, Xili Community, Xili Street, Nanshan District, Shenzhen, China			
<b>Prüfgegenstand:</b> <i>Test item:</i>	DJI Mini 2 SE			
<b>Bezeichnung / Typ-Nr.:</b> <i>Identification / Type no.:</i>	MT2SD (Trademark: DJI)			
<b>Auftrags-Inhalt:</b> <i>Order content:</i>	Test Report			
<b>Prüfgrundlage:</b> <i>Test specification:</i>	CFR47 FCC Part 15: Subpart C Section 15.247			
<b>Wareneingangsdatum:</b> <i>Date of sample receipt:</i>	2024-01-03	Please refer to Photo Document		
<b>Prüfmuster-Nr.:</b> <i>Test sample no.:</i>	A003634191-006~008			
<b>Prüfzeitraum:</b> <i>Testing period:</i>	2024-01-08 - 2024-01-24			
<b>Ort der Prüfung:</b> <i>Place of testing:</i>	TÜV Rheinland (Shenzhen) Co., Ltd.			
<b>Prüflaboratorium:</b> <i>Testing laboratory:</i>	TÜV Rheinland (Shenzhen) Co., Ltd.			
<b>Prüfergebnis*:</b> <i>Test result*:</i>	Pass			
<b>geprüft von:</b> <i>tested by:</i>	<u>X Bell Hu</u>	<b>genehmigt von:</b> <i>authorized by:</i>	<u>X Jonathan Li</u>	
<b>Datum:</b> <i>Date:</i> 2024-03-06	<small>Signed by: Bell Hu</small>	<b>Ausstellungsdatum:</b> <i>Issue date:</i> 2024-03-06	<small>Signed by: Jonathan Li</small>	
<b>Stellung / Position:</b>	Sachverständige(r)/Expert	<b>Stellung / Position:</b>	Sachverständige(r)/Expert	
<b>Sonstiges /</b> <i>Other:</i>	Based on original report CN22WMZD 002 for the changes listed on section 3.1, applying for Class 2 permissive change. FCC ID: SS3-M3D2308 This report is for 2.4GHz SDR.			
<b>Zustand des Prüfgegenstandes bei Anlieferung:</b> <i>Condition of the test item at delivery:</i>	Prüfmuster vollständig und unbeschädigt <i>Test item complete and undamaged</i>			
<small>* Legende: P(ass) = entspricht o.g. Prüfgrundlage(n) F(ail) = entspricht nicht o.g. Prüfgrundlage(n) N/A = nicht anwendbar N/T = nicht getestet</small>				
<small>* Legend: P(ass) = passed a.m. test specification(s) F(ail) = failed a.m. test specification(s) N/A = not applicable N/T = not tested</small>				
<b>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.</b> <i>This test report only relates to the above mentioned 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>				

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**Anmerkungen**  
*Remarks*

1	<p>Alle eingesetzten Prüfmittel waren zum angegebenen Prüfzeitraum gemäß eines festgelegten Kalibrierungsprogramms unseres Prüfhauses kalibriert. Sie entsprechen den in den Prüfprogrammen hinterlegten Anforderungen. Die Rückverfolgbarkeit der eingesetzten Prüfmittel ist durch die Einhaltung der Regelungen unseres Managementsystems gegeben. Detaillierte Informationen bezüglich Prüfkonditionen, Prüfequipment und Messunsicherheiten sind im Prüflabor vorhanden und können auf Wunsch bereitgestellt werden.</p> <p><i>The equipment used during the specified testing period was calibrated according to our test laboratory calibration program. The equipment fulfils the requirements included in the relevant standards. The traceability of the test equipment used is ensured by compliance with the regulations of our management system. Detailed information regarding test conditions, equipment and measurement uncertainty is available in the test laboratory and could be provided on request.</i></p>
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3	<p>Prüfklausel mit der Note * wurden an qualifizierte Unterauftragnehmer vergeben und sind unter der jeweiligen Prüfklausel des Berichts beschrieben. Abweichungen von Prüfspezifikation(en) oder Kundenanforderungen sind in der jeweiligen Prüfklausel im Bericht aufgeführt.</p> <p><i>Test clauses with remark of * are subcontracted to qualified subcontractors and described under the respective test clause in the report.</i> <i>Deviations of testing specification(s) or customer requirements are listed in specific test clause in the report.</i></p>
4	<p>Die Entscheidungsregel für Konformitätserklärungen basierend auf numerischen Messergebnissen in diesem Prüfbericht basiert auf der "Null-Grenzwert-Regel" und der "Einfachen Akzeptanz" gemäß ILAC G8:2019 und IEC Guide 115:2021, es sei denn, in der auf Seite 1 dieses Berichts genannten angewandten Norm ist etwas anderes festgelegt oder vom Kunden gewünscht. Dies bedeutet, dass die Messunsicherheit nicht berücksichtigt wird und daher auch nicht im Prüfbericht angegeben wird. Zu weiteren Informationen bezüglich des Risikos durch diese Entscheidungsregel siehe ILAC G8:2019.</p> <p><i>The decision rule for statements of conformity, based on numerical measurement results, in this test report is based on the "Zero Guard Band Rule" and "Simple Acceptance" in accordance with ILAC G8:2019 and IEC Guide 115:2021, unless otherwise specified in the applied standard mentioned on Page 1 of this report or requested by the customer. This means that measurement uncertainty is not taken in account and hence also not declared in the test report. For additional information on the resulting risk based of this decision rule please refer to ILAC G8:2019.</i></p>

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## ***Test Summary***

**5.1.1 MAXIMUM PEAK CONDUCTED OUTPUT POWER**

*RESULT: Pass*

**5.1.2 RADIATED SPURIOUS EMISSION**

*RESULT: Pass*

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# 1 General Remarks

## 1.1 Complementary Materials

All attachments are integral parts of this test report. This applies especially to the following appendix:

Appendix A: Test Results of 2.4GHz SDR

Appendix B: Photographs of the Test Set-up.

## 2 Test Sites

### 2.1 Test Facilities

TÜV Rheinland (Shenzhen) Co., Ltd.

No. 362 Huanguan Road Middle, Longhua District, 518110, Shenzhen, P. R. China.

FCC Accreditation Designation No.: 694916

ISED wireless device testing laboratory: 25069

### 2.2 List of Test and Measurement Instruments

**Table 1: List of Test and Measurement Equipment**

<b>Radio Spectrum Testing (TS8997)</b>					
<b>Equipment</b>	<b>Manufacturer</b>	<b>Model</b>	<b>Serial No.</b>	<b>Cal. Date</b>	<b>Cal. until</b>
Wireless Connectivity Tester	R&S	CMW270	101375	2023-07-26	2024-07-25
Signal Analyzer	R&S	FSV 40	101441	2023-07-26	2024-07-25
Vector Signal Generator	R&S	SMBV100A	263301	2023-07-26	2024-07-25
Signal Generator	R&S	SMB100A	115186	2023-07-26	2024-07-25
OSP	R&S	OSP 150	101017	2023-11-14	2024-11-13
Control PC	DELL	OptiPlex 7050	FTJZ9P2	N/A	N/A
Test Software	R&S	WMS32 (V11.00.00)	N/A	N/A	N/A
Power Meter	R&S	NRP2	107105	2023-11-14	2024-11-13
Wideband Power Sensor	R&S	NRP-Z81	105677	2023-07-26	2024-07-25
Humid & Temp Programmable Tester	BOST	NTH090-60	19040801	2023-03-15	2024-03-15
Shielding Room 8#	Albatross	SR8	APC17151-SR8	2021-06-22	2024-06-22
<b>Unwanted Emission Testing (TS8996)</b>					
<b>Equipment</b>	<b>Manufacturer</b>	<b>Model</b>	<b>Serial No.</b>	<b>Cal. Date</b>	<b>Cal. until</b>
Signal Generator	R&S	SMB100A	180840	2023-07-26	2024-07-25
Wideband Radio Communication Tester	R&S	CMW500	165339	2023-07-26	2024-07-25
Signal Analyzer	R&S	FSV 40	101440	2023-08-06	2024-08-05
System Controller Interface	R&S	SCI-100	S10010036	N/A	N/A
OSP	R&S	OSP 120	102041	N/A	N/A
OSP	R&S	OSP 150	101385	2023-11-14	2024-11-13
Pre-amplifier	R&S	SCU08F1	08320030	2023-07-26	2024-07-25
Amplifier	R&S	SCU-18F	180079	2023-07-26	2024-07-25

Trilog Broadband Antenna (30 MHz - 7 GHz)	Schwarzbeck	VULB 9162	192	2022-08-07	2024-08-06
Double-Ridged Antenna (1 - 18 GHz)	ETS-LINDGREN	3117	00218719	2022-08-07	2024-08-06
Wideband Ridged Horn Antenna (12-18 GHz)	Steatite	QMS-00208	18312	2022-08-07	2024-08-06
Biconical Broadband Antenna (30 MHz - 1 GHz)	Schwarzbeck	VUBA 9117	357	2021-08-02	2024-08-02
Double Ridged Broadband Horn Antenna (1 – 18 GHz)	Schwarzbeck	BBHA 9120 D	01760	2021-07-30	2024-07-30
Test software	R&S	EMC32 (V10.50.40)	N/A	N/A	N/A
Control PC	Dell	OptiPlex 7050	36NW9P2	N/A	N/A
3m Fully Anechoic Chamber	Albatross	FAC-3m	APC17151-FAC	2021-06-22	2024-06-22

## 2.3 Traceability

All measurement equipment calibrations are traceable to NIM (National Institute of Metrology) or where calibration is performed in other countries, to equivalent nationally recognized standards organizations.

## 2.4 Calibration

Equipment requiring calibration is calibrated periodically by the manufacturer or according to manufacturer's specifications. Additionally all equipment is verified for proper performance on a regular basis using in house standards or comparisons.

## 2.5 Measurement Uncertainty

The estimated combined standard uncertainty for radiated emissions and conducted emissions measurements as below table.

**Table 2: Measurement Uncertainty**

Parameter	Uncertainty (k=2)
RF output power, conducted	± 0.99 dB
Occupied Channel Bandwidth	± 2.08 %
RF power density, conducted	± 0.99 dB
Unwanted Emissions, conducted	± 0.89 dB
All emissions, radiated	±4.17 dB

## 2.6 Location of Original Data

The original copies of all test data taken during actual testing were attached at Appendix A & B & C & D of this report and delivered to the applicant. A copy has been retained in the TÜV Rheinland (Shenzhen) file for certification follow-up purposes.

## 2.7 Status of Facility Used for Testing

The TÜV Rheinland (Shenzhen) Co., Ltd. Test facility located at No. 362 Huanguan Road Middle, Longhua District, 518110, Shenzhen, P. R. China. is listed on the US Federal Communications Commission list of facilities approved to perform measurements.



## 3 General Product Information

### 3.1 Product Function and Intended Use

The EUT (Equipment Under Test) is a DJI Mini 2 SE. It supports 2.4GHz SDR, 5.8GHz SDR and GNSS functions.

\*Remark: SDR means specific defined radio and cannot changes radio specification via software/firmware by end-users.

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

This report is based on original report CN22WMZD 002 for the changes listed below, applying for Class 2 permissive change.

1. Add an alternative camera chip H22A55. (Comparing to the original camera chip H22A35, the alternative H22A55 chip has 4k function, which not supported by H22A35)
2. The 2.4GHz FEM (Front-End Modules) chip QPF4206 changed to KCT8247HE-1, and the 5.8GHz FEM chip QPF4550 changed to KCT8576N. The original and current FEM chips are pin to pin changed, with the same basic functions and same radio parameters.

Based on changes above, Power and RSE re-evaluated in this report.

### 3.2 Ratings and System Details

**Table 3: Technical Specification of EUT**

General Information of EUT	Value
Kind of Equipment	DJI Mini 2 SE
Type Designation	MT2SD
Operating Voltage	AC 100-240V, 50/60Hz input via AC/DC adapter or Battery operated (Max 7.7V)
Testing Voltage	Full battery (DC 7.7V)
FCC ID	SS3-MT2SD22
Extreme Temperature Range	0°C ~ 40 °C
Radiofrequency operating mode	1) 2.4GHz SDR: operating within 2400-2483.5MHz, supports 1.4MHz/3MHz/10MHz/20MHz Bandwidth 2) 5.8GHz SDR: operating within 5725-5850MHz, supports 1.4MHz/3MHz/10MHz/20MHz Bandwidth 3) GNSS (receiver): 1559-1610MHz
Technical Specification of 2.4GHz SDR	
Operating Frequency	2407.5-2465.5MHz for 1.4MHz Bandwidth 2409.12-2467.12MHz for 1.4MHz Bandwidth (CA mode) 2417.5-2456.5MHz for 3MHz Bandwidth 2405.5-2476.5MHz for 10MHz Bandwidth 2410.5-2472.5MHz for 20MHz Bandwidth
Type of Modulation	OFDM (QPSK, 16QAM, 64QAM)
Channel Number	30 channels for 1.4MHz Bandwidth 30 channels for 1.4MHz Bandwidth (CA mode) 14 channels for 3MHz Bandwidth 72 channels for 10MHz Bandwidth 63 channels for 20MHz Bandwidth
Channel Separation	2MHz for 1.4MHz Bandwidth

	2MHz for 1.4MHz Bandwidth (CA mode) 3MHz for 3MHz Bandwidth 1MHz for 10MHz Bandwidth 1MHz for 20MHz Bandwidth
Antenna Number	2 Integral Antennas, only 1TX2RX mode supported.
Antenna Gain	2.5 dBi Max
The type of wideband data transmission equipment	DTS

**Table 4: RF Channel and Frequency of 2.4GHz SDR**

2.4GHz 1.4MHz Bandwidth (2407.5MHz-2465.5MHz)			
RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)
1	2407.5	16	2437.5
2	2409.5	17	2439.5
3	2411.5	18	2441.5
4	2413.5	19	2443.5
5	2415.5	20	2445.5
6	2417.5	21	2447.5
7	2419.5	22	2449.5
8	2421.5	23	2451.5
9	2423.5	24	2453.5
10	2425.5	25	2455.5
11	2427.5	26	2457.5
12	2429.5	27	2459.5
13	2431.5	28	2461.5
14	2433.5	29	2463.5
15	2435.5	30	2465.5

2.4GHz 1.4MHz Bandwidth (CA Mode) (2409.12MHz-2467.12MHz)			
RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)
1	2409.12	16	2439.12
2	2411.12	17	2441.12
3	2413.12	18	2443.12
4	2415.12	19	2445.12
5	2417.12	20	2447.12
6	2419.12	21	2449.12
7	2421.12	22	2451.12
8	2423.12	23	2453.12
9	2425.12	24	2455.12
10	2427.12	25	2457.12
11	2429.12	26	2459.12
12	2431.12	27	2461.12
13	2433.12	28	2463.12
14	2435.12	29	2465.12
15	2437.12	30	2467.12

2.4GHz 3MHz Bandwidth (2417.5MHz-2456.5MHz)			
RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)
1	2417.5	8	2438.5
2	2420.5	9	2441.5
3	2423.5	10	2444.5
4	2426.5	11	2447.5
5	2429.5	12	2450.5
6	2432.5	13	2453.5
7	2435.5	14	2456.5

2.4GHz 10MHz Bandwidth (2405.5MHz-2476.5MHz)							
RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)
1	2405.5	19	2423.5	37	2441.5	55	2459.5
2	2406.5	20	2424.5	38	2442.5	56	2460.5
3	2407.5	21	2425.5	39	2443.5	57	2461.5
4	2408.5	22	2426.5	40	2444.5	58	2462.5
5	2409.5	23	2427.5	41	2445.5	59	2463.5
6	2410.5	24	2428.5	42	2446.5	60	2464.5
7	2411.5	25	2429.5	43	2447.5	61	2465.5
8	2412.5	26	2430.5	44	2448.5	62	2466.5
9	2413.5	27	2431.5	45	2449.5	63	2467.5
10	2414.5	28	2432.5	46	2450.5	64	2468.5
11	2415.5	29	2433.5	47	2451.5	65	2469.5
12	2416.5	30	2434.5	48	2452.5	66	2470.5
13	2417.5	31	2435.5	49	2453.5	67	2471.5
14	2418.5	32	2436.5	50	2454.5	68	2472.5
15	2419.5	33	2437.5	51	2455.5	69	2473.5
16	2420.5	34	2438.5	52	2456.5	70	2474.5
17	2421.5	35	2439.5	53	2457.5	71	2475.5
18	2422.5	36	2440.5	54	2458.5	72	2476.5

2.4GHz 20MHz Bandwidth (2410.5MHz-2472.5MHz)					
RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)
1	2410.5	22	2431.5	43	2452.5
2	2411.5	23	2432.5	44	2453.5
3	2412.5	24	2433.5	45	2454.5
4	2413.5	25	2434.5	46	2455.5
5	2414.5	26	2435.5	47	2456.5
6	2415.5	27	2436.5	48	2457.5
7	2416.5	28	2437.5	49	2458.5
8	2417.5	29	2438.5	50	2459.5
9	2418.5	30	2439.5	51	2460.5
10	2419.5	31	2440.5	52	2461.5
11	2420.5	32	2441.5	53	2462.5
12	2421.5	33	2442.5	54	2463.5
13	2422.5	34	2443.5	55	2464.5
14	2423.5	35	2444.5	56	2465.5
15	2424.5	36	2445.5	57	2466.5
16	2425.5	37	2446.5	58	2467.5
17	2426.5	38	2447.5	59	2468.5
18	2427.5	39	2448.5	60	2469.5
19	2428.5	40	2449.5	61	2470.5
20	2429.5	41	2450.5	62	2471.5
21	2430.5	42	2451.5	63	2472.5

### 3.3 Independent Operation Modes

The basic operation modes are:

- A. On, 2.4GHz SDR wireless transmitting mode
  - 1) Low Channel
  - 2) Middle Channel
  - 3) High Channel
- B. Off

### 3.4 Noise Generating and Noise Suppressing Parts

Refer to Circuit Diagram for further details.

### 3.5 Submitted Documents

- Application Form
- ID Label and Location Info
- User Manual
- Operation Description

## 4 Test Set-up and Operation Modes

### 4.1 Principle of Configuration Selection

**Radio Spectrum:** The equipment under test (EUT) was configured at its highest power output in order to measure its highest possible radiation and conducted level. The test modes were adapted accordingly in reference to the instructions for use.

**Emission:** The equipment under test (EUT) was configured to measure its highest possible radiation level. The test modes were adapted accordingly in reference to the instructions for use.

### 4.2 Test Operation and Test Software

Test operation refers to test setup in chapter 5. All testing were performed according to the procedures in ANSI C63.10: 2013.

According to clause 3.1, all tests were performed on model MT2SD in this report.

### 4.3 Special Accessories and Auxiliary Equipment

Table 5: List of Accessories and Auxiliary Equipment

Description	Manufacturer	Model	Remark
Laptop	Lenovo	T480	PF-16A6N8

### 4.4 Countermeasures to Achieve EMC Compliance

The test sample which has been tested contained the noise suppression parts as described in the Technical Construction File (TCF).

No additional measures were employed to achieve compliance.

## 4.5 Test Setup Diagram

Diagram of Measurement Configuration for Radiation Test (Below 1GHz)

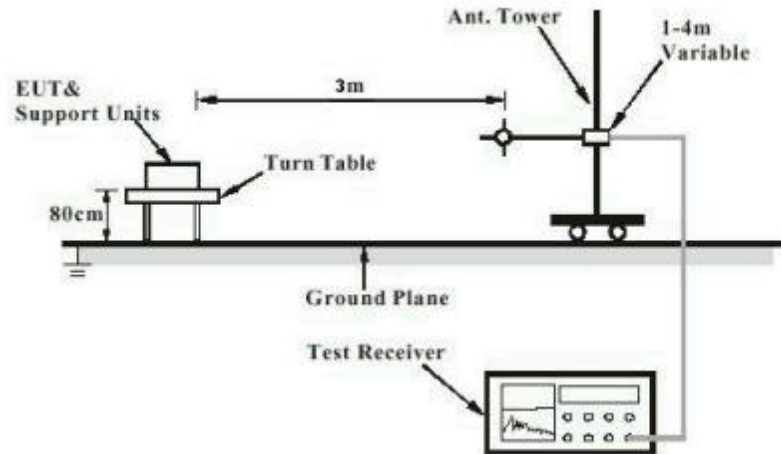


Diagram of Measurement Configuration for Radiation Test (Above 1GHz)

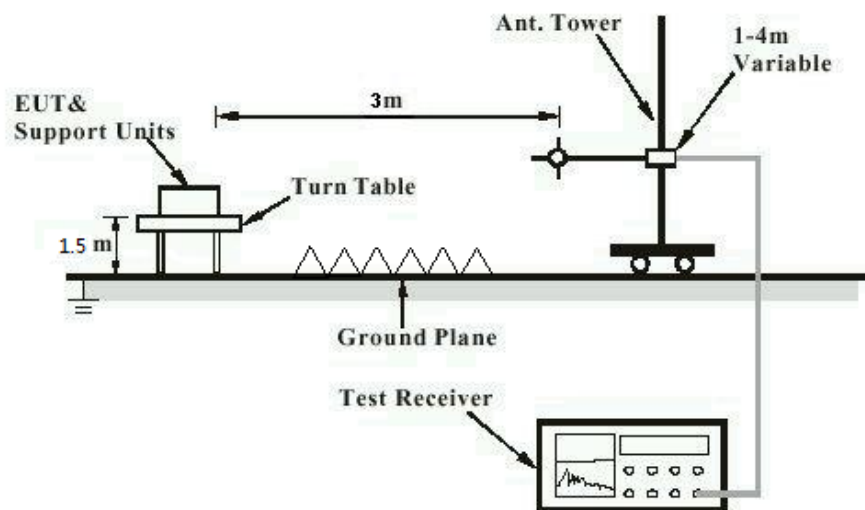


Diagram of Measurement Configuration for Mains Conduction Measurement

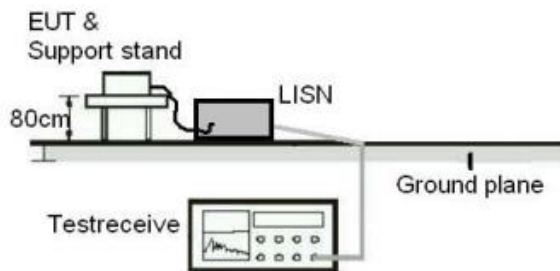
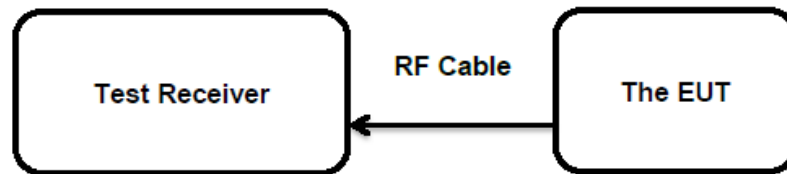


Diagram of Measurement Configuration for Conducted Transmitter Measurement





## 5 Test Results

### 5.1 Transmitter Requirement & Test Suites

#### 5.1.1 Maximum Peak Conducted Output Power

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

Test standard : FCC Part 15.247(b)(3)  
 Basic standard : ANSI C63.10: 2013  
 Limits : < 1 W (Maximum Conducted Peak Power)  
 Kind of test site : Shielded Room

**Test Setup**

Date of testing : 2024-01-18 to 2024-01-20  
 Test voltage : 7.7V DC by Fully charged battery  
 Operation mode : A  
 Test channel : Low / Middle / High  
 Ambient temperature : 25 °C  
 Relative humidity : 45 %  
 Atmospheric pressure : 101 kPa

For details refer to following test result.

It verified that all Power data keeps consistent with original report CN22WMZD 002, no degradation occurs.

**Both the Ant 0 and Ant 1 ports tested, only the worst-case reported.**

Test Mode	Test Channel (MHz)	Measured Average Power		Limit (W)
		(dBm)	(W)	
1.4MHz BW	2407.5	13.84	0.0242	< 1.0
	2435.5	13.80	0.0240	
	2465.5	13.87	0.0244	
1.4MHz BW CA	2409.12	13.89	0.0245	
	2437.12	13.56	0.0227	
	2467.12	13.84	0.0242	
3MHz BW	2417.5	13.92	0.0247	
	2435.5	13.77	0.0238	
	2456.5	13.80	0.0240	
10MHz BW	2405.5	14.98	0.0315	
	2440.5	<b>20.99</b>	<b>0.1256</b>	
	2476.5	4.63	0.0029	
20MHz BW	2410.5	9.13	0.0082	
	2441.5	20.51	0.1125	
	2472.5	-3.85	0.0004	

Max. e.i.r.p.=20.99dBm+2.5dBi=23.49dBm.

Note:

 1) The cable loss is taken into account in results,  $e.i.r.p.=P_{(Peak\ power)}+G$

## 5.1.2 Radiated Spurious Emission

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

Test standard	: FCC Part 15.247(d) & FCC Part 15.205
Basic standard	: ANSI C63.10: 2013
Limits	: Refer to 15.209(a) of FCC part 15.247(d)
Kind of test site	: 3m Semi-anechoic Chamber

**Test Setup**

Date of testing	: 2024-01-18 to 2024-01-20
Test voltage	: 7.7V DC by Fully charged battery
Operation mode	: A
Test channel	: Low / Middle / High
Ambient temperature	: Refer to test result
Relative humidity	: Refer to test result
Atmospheric pressure	: 101 kPa

**Remark:**

Testing was carried out within frequency range 9kHz to the tenth harmonics. Only the worst case spurious emissions configuration of the each mode were reported.

For the measurement records, refer to the appendix A

## 6 Photographs of the Test Set-Up

For photographs of the test set-up, refer to the appendix B.

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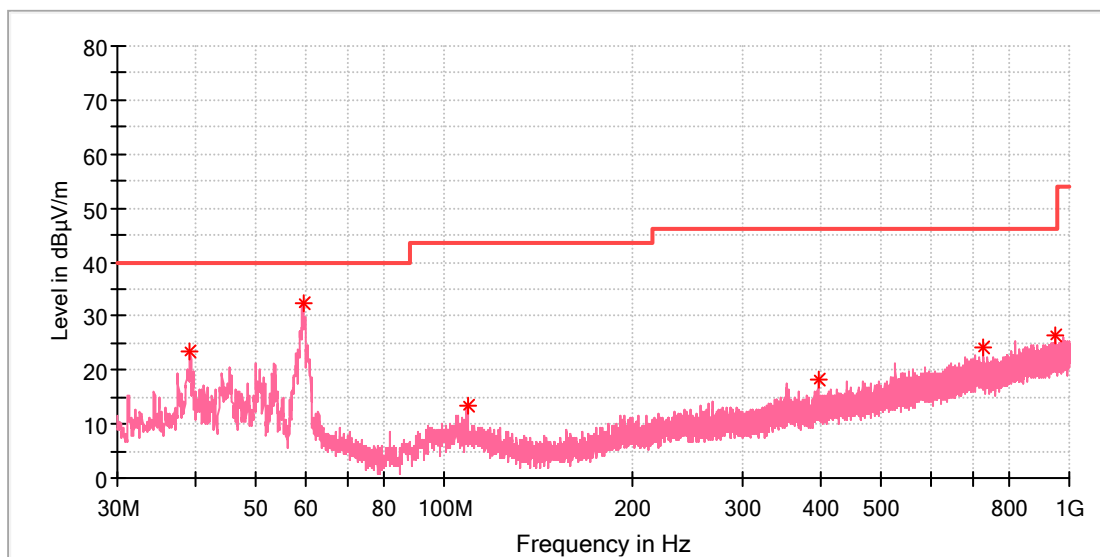
## Appendix B: Test Results of 2.4GHz SDR

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## EUT Information

EUT Name:	DJI Mini 2 SE
Model:	MT2SD
Test Mode:	SDR 2.4G_10M_2440.5MHz
Order No/Sample No:	168459266/A003634191-022
Test Voltage::	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



## Critical\_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
39.252308	23.40	40.00	16.60	100.0	V	136.0	-20.6
59.398462	32.37	40.00	7.63	100.0	V	68.0	-19.2
108.831154	13.55	43.50	29.95	100.0	V	217.0	-19.3
395.988462	18.33	46.00	27.67	100.0	V	184.0	-14.2
726.907692	24.04	46.00	21.96	100.0	V	225.0	-8.0
946.314231	26.30	46.00	19.70	100.0	V	278.0	-4.9

## Final\_Result

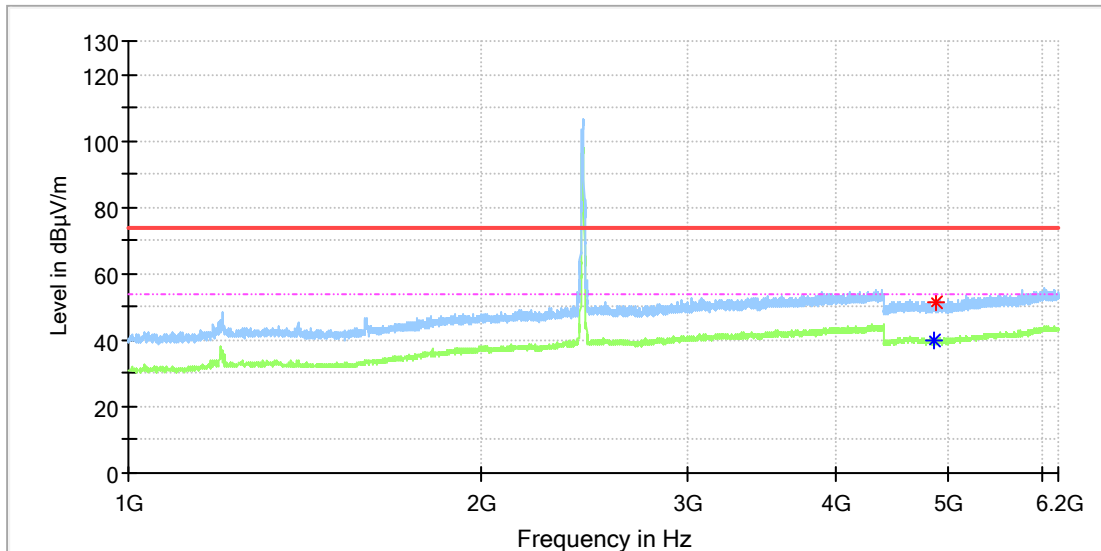
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

**1GHz - 18GHz**

Note: The highest waveform in the figure is 2.4GHz SDR Fundamental.

**EUT Information**

EUT Name:	DJI Mini 2 SE
Model:	MT2SD
Test Mode:	SDR 2.4G_10M_2440.5MHz
Order No/Sample No:	168459266/A003634191-022
Test Voltage::	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



**Critical Freqs**

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4860.000000	---	40.03	54.00	13.97	150.0	H	136.0	11.8
4870.000000	51.16	---	74.00	22.84	150.0	H	236.0	11.8

**Final Result**

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---







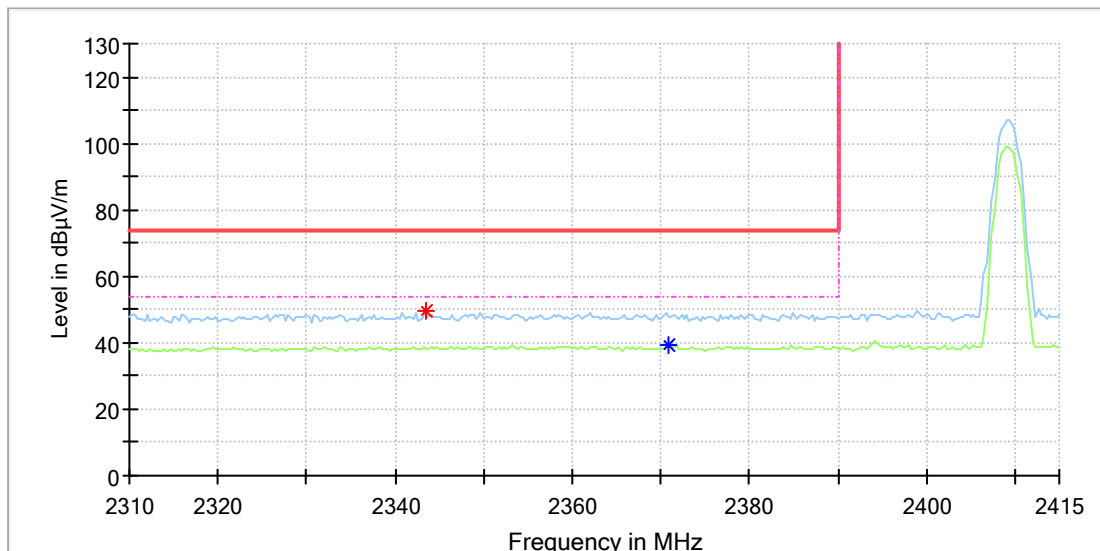


## Appendix B.2: Test Results of Radiated Emissions in Restricted Bands

Note: This testing was carried out on worst-case based on original report.

### EUT Information

EUT Name:	DJI Mini 2 SE
Model:	MT2SD
Test Mode:	SDR 2.4G_1.4M CA_2409.12MHz
Order No/Sample No:	168459266/A003634191-022
Test Voltage::	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



### Critical Freqs

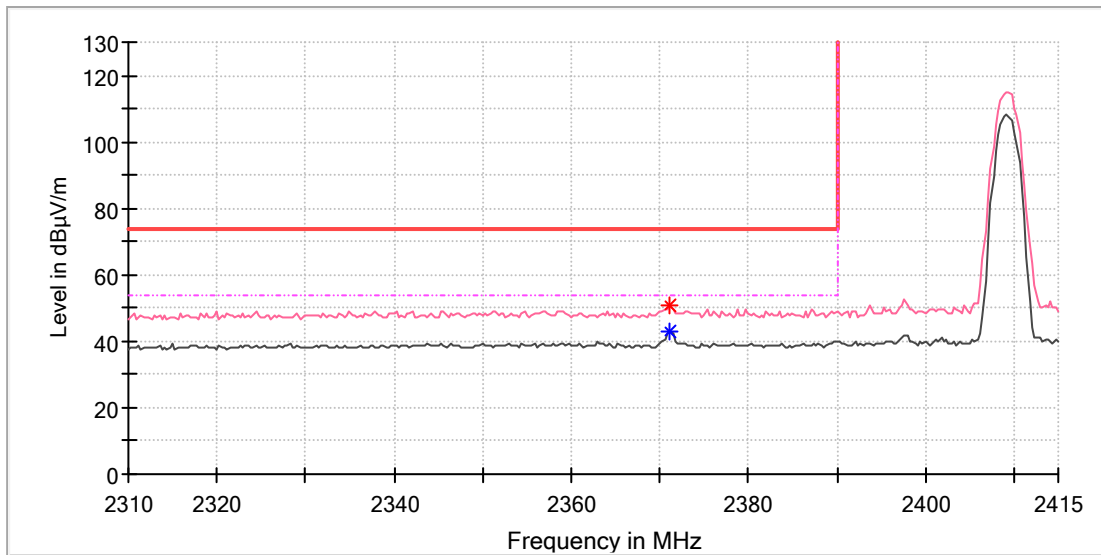
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2343.529412	49.70	---	74.00	24.30	150.0	H	49.0	6.9
2370.882353	---	39.34	54.00	14.66	150.0	H	0.0	6.9

### Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

### EUT Information

EUT Name: DJI Mini 2 SE  
 Model: MT2SD  
 Test Mode: SDR 2.4G\_1.4M CA\_2409.12MHz  
 Order No/Sample No: 168459266/A003634191-022  
 Test Voltage:: Battery  
 Remark: Temp 23 Humi:56%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2371.176471	50.92	---	74.00	23.08	150.0	V	22.0	6.9
2371.176471	---	42.81	54.00	11.19	150.0	V	22.0	6.9

### Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---