

| | | | | |
|--|--|--|---|---|
| Prüfbericht-Nr.: <i>Test report no.:</i> | CN22XLNH 002 | Auftrags-Nr.: <i>Order no.:</i> | 168368681 | Seite 1 von 21 <i>Page 1 of 21</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 15, Subpart C, Section 15.247 | | | |
| 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 <i>Hardy</i> Hardy Suo | genehmigt von: <i>authorized by:</i> | X <i>Lin Lin</i> Lin Lin | |
| 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 <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 5 = poor 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> | | | | |

Test Summary

5.1.1 ANTENNA REQUIREMENT

RESULT: Pass

5.1.2 MAXIMUM PEAK CONDUCTED OUTPUT POWER

RESULT: Pass

5.1.3 CONDUCTED POWER SPECTRAL DENSITY

RESULT: Pass

5.1.4 6DB BANDWIDTH

RESULT: Pass

5.1.5 99% BANDWIDTH

RESULT: Pass

5.1.6 CONDUCTED SPURIOUS EMISSIONS MEASURED IN 100 KHZ BANDWIDTH

RESULT: Pass

5.1.7 RADIATED SPURIOUS EMISSION

RESULT: Pass

5.1.8 CONDUCTED EMISSION ON AC MAINS

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 Bluetooth LE & Conducted Emission.

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 Registration No.: 694916

ISED wireless device testing laboratory: 25069

2.2 List of Test and Measurement Instruments

Table 1: List of Test and Measurement Equipment

| Radio Spectrum Testing (SRD-Tonscend) | | | | |
|--|---------------------|------------------|-------------------|-------------------|
| Equipment | Manufacturer | Model | Serial No. | Cal. until |
| EXA Signal Analyzer, Multi-touch | Keysight | N9010B | MY60241175 | 2022-09-28 |
| MXG X-Series RF Vector Signal Generator | Keysight | N5182B | MY61250137 | 2022-09-28 |
| EXG X-Series Microwave Analog Signal Generator | Keysight | N5173B | MY61250141 | 2022-09-28 |
| DC power supply | Keysight | E3642A | MY61276100 | 2022-09-28 |
| Power Control Unit | Tonscend | JS0806-4ADC | N/A | 2022-09-28 |
| Automation Control Unit | Tonscend | JS0806-2 | 21C8060396 | 2022-09-28 |
| Test Software | Tonscend | JS1120-3 | N/A | N/A |
| Control PC | Lenovo | TianYi510S-071MB | Y LX23JMF | N/A |
| Shielding Room 8# | Albatross | SR8 | APC17151-SR8 | 2024-06-22 |
| Unwanted Emission Testing (TS9975) | | | | |
| Equipment | Manufacturer | Model | Serial No. | Cal. until |
| EMI Test Receiver | R&S | ESR 7 | 102021 | 2023-08-02 |
| Signal Analyzer | R&S | FSV 40 | 101439 | 2023-08-01 |
| System Controller Interface | R&S | SCI-100 | S10010038 | N/A |
| Filterbank | R&S | Wlan | 100759 | 2023-08-01 |
| OSP | R&S | OSP 120 | 102040 | N/A |
| Pre-amplifier | R&S | SCU08F1 | 08320031 | 2023-08-02 |
| Amplifier | R&S | SCU-18F | 180070 | 2023-08-02 |
| Amplifier | R&S | SCU40A | 100475 | 2023-08-02 |
| Trilog Broadband Antenna (30 MHz - 7 GHz) | Schwarzbeck | VULB 9162 | 193 | 2023-08-06 |

| | | | | |
|--|--------------|-------------------|--------------|------------|
| Double-Ridged Antenna (1 -18 GHz) | ETS-LINDGREN | 3117 | 00218717 | 2023-08-06 |
| Wideband Ridged Horn Antenna (18-40 GHz) | Steatite | QMS-00880 | 19067 | 2023-08-08 |
| Active Loop Antenna | Schwarzbeck | FMZB 1513 | 302 | 2023-08-06 |
| Test software | R&S | EMC32 (V10.60.10) | N/A | N/A |
| Control PC | Dell | OptiPlex 7050 | 36NV9P2 | N/A |
| 3m Semi-Anechoic Chamber | Albatross | SAC-3m | APC17151-SAC | 2024-06-22 |

| Conducted Emission | | | | |
|--------------------------|--------------|---------------------|------------|------------|
| Equipment | Manufacturer | Model No. | Serial No. | Cal. Until |
| EMI Test Receiver | R&S | ESR3 | 102680 | 2023-02-27 |
| Artificial Mains Network | R&S | ENV216 | 101445 | 2023-02-27 |
| EMC32 test software | R&S | EMC32(Ver.10.50.00) | N/A | N/A |

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.

| Parameter | Uncertainty (k=2) |
|--|-----------------------|
| Occupied Channel Bandwidth | ± 2.08 % |
| RF output power, conducted | ± 0.99 dB |
| RF power density, conducted | ± 0.99 dB |
| Unwanted Emissions, conducted | ± 0.89 dB |
| All emissions, radiated | ± 4.17 dB |
| Conducted Emission, (9kHz to 150kHz)/(150kHz to 30MHz) | ± 3.70 dB / ± 3.30 dB |

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2.6 Location of Original Data

The original copies of all test data taken during actual testing were attached at Appendix A & B of this report and delivered to the applicant. A copy has been retained in the TÜV Rheinland (Shenzhen) Co., Ltd. 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 RS 3 Mini. It supports Bluetooth Low Energy wireless technology.

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

3.2 Ratings and System Details

Table 2: Technical Specification of EUT

| General Information of EUT | Value |
|---|---|
| Kind of Equipment: | DJI RS 3 Mini |
| Type Designation: | P20M |
| FCC ID: | 2ANDR-P20M2022 |
| Operating Voltage: | USB Port 5Vdc/2A or Battery operated (7.2Vdc, 2450mAh) |
| Operating Temperature Range: | -10°C ~ 45 °C |
| 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 |

3.3 Independent Operation Modes

The basic operation modes are:

- A. On, Bluetooth LE transmitting mode
 - 1) Low Channel
 - 2) Middle Channel
 - 3) High Channel
- B. On, Normal Operation
- C. 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

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 tests were performed according to the procedures in ANSI C63.10: 2013.

Table 3: Test environments

| Environment Parameter | Values During Tests | | |
|-----------------------|---------------------|----------------------------|-------------------|
| | Temperature | Voltage (Battery operated) | Relative Humidity |
| NTNV | 25°C±2°C | 7.2Vdc | Ambient |

Table 4: Test channel and frequency

| Mode | Test Channels (MHz) | Remark |
|--------------|----------------------------------|--------|
| Transmitting | L/M/H: 2402MHz, 2440MHz, 2480MHz | -- |

4.3 Special Accessories and Auxiliary Equipment

Table 5: Auxiliary Equipment Used during Test

| Description | Manufacturer | Model | S/N | Rating |
|---------------|--------------|----------------|----------------------|---|
| Laptop | Lenovo | T480 | PF-16A6N8 | N/A |
| Mobile phone | HUAWEI | STK-AL00 | 7PRNW2072100 0279 | N/A |
| Camera | Canon | EOS M6 Mark II | N/A | N/A |
| Power Adapter | DJI | QC24-CN | N/A | Input: 100-240V, 50/60Hz, 0.8A Max Output: DC 3.6-8V, 3A or DC 12V, 2A |

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)

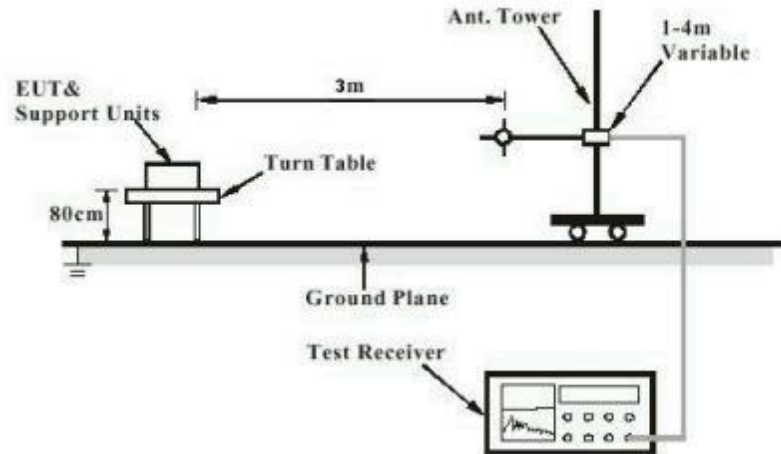


Diagram of Measurement Configuration for Radiation Test (Above 1GHz)

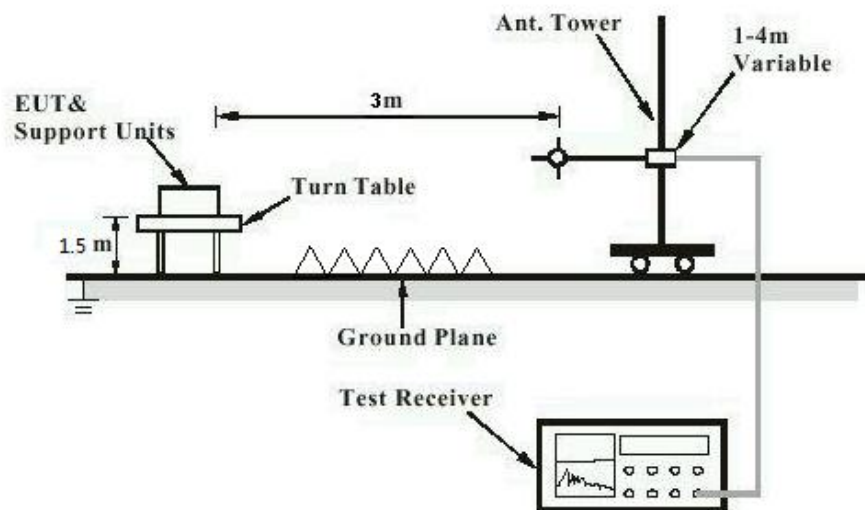


Diagram of Measurement Configuration for Mains Conduction Measurement

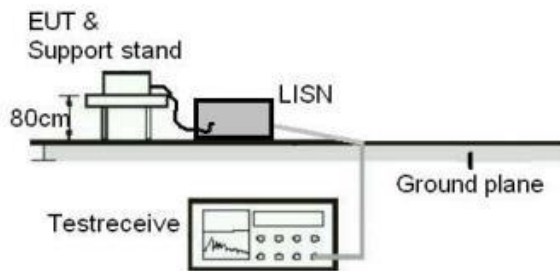
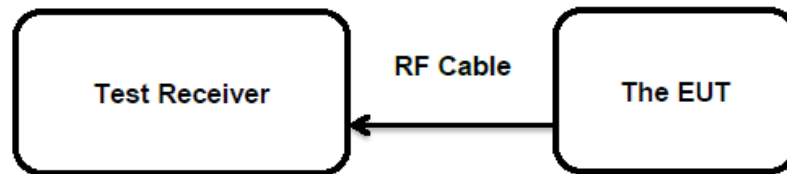


Diagram of Measurement Configuration for Conducted Transmitter Measurement



5 Test Results

5.1 Transmitter Requirement & Test Suites

5.1.1 Antenna Requirement

RESULT:

Pass

Test Specification

Test standard : FCC Part 15.247(b)(4) and Part 15.203

According to the manufacturer declared, the EUT has one Integral antenna, the gain of antenna is 0dBi, which that permanent attachment and no consideration of replacement.

Therefore the EUT is considered sufficient to comply with the provision.

Refer to EUT Photo for further details.

5.1.2 Maximum Peak Conducted Output Power

RESULT:
Pass
Test Specification

Test standard : FCC Part 15.247(b)(3)
 Basic standard : ANSI C63.10: 2013
 Limits : 1.0 Watts
 Kind of test site : Shielded Room

Test Setup

Date of testing : 2022-08-18
 Input voltage : Battery operated
 Operation mode : A
 Test channel : Low / Middle / High
 Ambient temperature : 26.2 °C
 Relative humidity : 43 %
 Atmospheric pressure : 101 kPa

Table 6: Test Result of Maximum Peak Conducted Output Power

| Test Mode | Data Rate | Test Channel (MHz) | Measured Peak Power | | Limit (W) |
|-------------------------------|-----------|--------------------|---------------------|--------|-----------|
| | | | (dBm) | (W) | |
| Bluetooth (Low Energy) | 1 Mbps | 2402 | 0.72 | 0.0012 | < 1.0 |
| | | 2440 | 0.95 | 0.0012 | |
| | | 2480 | 0.98 | 0.0013 | |
| | 2 Mbps | 2402 | 0.87 | 0.0012 | |
| | | 2440 | 0.94 | 0.0012 | |
| | | 2480 | 0.96 | 0.0012 | |
| Maximum Measured Value | | | 0.98 | 0.0013 | |

Note:

- 1) The cable loss is taken into account in results.
- 2) Antenna gain(G): 0dBi

5.1.3 Conducted Power Spectral Density

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

| | | |
|-------------------|---|--------------------|
| Test standard | : | FCC Part 15.247(e) |
| Basic standard | : | ANSI C63.10: 2013 |
| Limits | : | < 8 dBm / 3kHz |
| Kind of test site | : | Shielded Room |

Test Setup

| | | |
|----------------------|---|---------------------|
| Date of testing | : | 2022-08-18 |
| Input voltage | : | Battery operated |
| Operation mode | : | A |
| Test channel | : | Low / Middle / High |
| Ambient temperature | : | 26.2 °C |
| Relative humidity | : | 43 % |
| Atmospheric pressure | : | 101 kPa |

For the measurement records, refer to the appendix A.

5.1.4 6dB Bandwidth

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

| | | |
|-------------------|---|-----------------------|
| Test standard | : | FCC Part 15.247(a)(2) |
| Basic standard | : | ANSI C63.10: 2013 |
| Limits | : | > 500 KHz |
| Kind of test site | : | Shielded Room |

Test Setup

| | | |
|----------------------|---|---------------------|
| Date of testing | : | 2022-08-18 |
| Input voltage | : | Battery operated |
| Operation mode | : | A |
| Test channel | : | Low / Middle / High |
| Ambient temperature | : | 26.2 °C |
| Relative humidity | : | 43 % |
| Atmospheric pressure | : | 101 kPa |

For the measurement records, refer to the appendix A.

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5.1.5 99% Bandwidth

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

Test standard : FCC Part 15.247(a)
Basic standard : ANSI C63.10: 2013
Kind of test site : Shielded Room

Test Setup

Date of testing : 2022-08-18
Input voltage : Battery operated
Operation mode : A
Test channel : Low / Middle / High
Ambient temperature : 26.2 °C
Relative humidity : 43 %
Atmospheric pressure : 101 kPa

For the measurement records, refer to the appendix A.

5.1.6 Conducted Spurious Emissions Measured in 100 kHz Bandwidth

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

| | |
|-------------------|--|
| Test standard | : FCC Part 15.247(d) |
| Basic standard | : ANSI C63.10: 2013 |
| Limits | : 20dB (below that in the 100kHz bandwidth within the band that contains the highest level of the desired power); In addition, radiated emissions which fall in the restricted bands, must also comply with the radiated emission limits specified in 15.209(a) |
| Kind of test site | : Shielded Room |

Test Setup

| | |
|----------------------|-----------------------|
| Date of testing | : 2022-08-18 |
| Input voltage | : Battery operated |
| Operation mode | : A |
| Test channel | : Low / Middle / High |
| Ambient temperature | : 26.2 °C |
| Relative humidity | : 43 % |
| Atmospheric pressure | : 101 kPa |

Test results of 100kHz Bandwidth of Frequency Band Edge by Conducted method refer to test plots, and compliance is achieved as well.

For the measurement records, refer to the appendix A.

5.1.7 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 | : | 2022-08-22 |
| Input voltage | : | Battery operated |
| 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.

5.1.8 Conducted Emission on AC Mains

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

| | |
|-------------------|----------------------|
| Test standard | : FCC Part 15.207(a) |
| Basic standard | : ANSI C63.10: 2013 |
| Frequency range | : 0.15 – 30MHz |
| Limits | : FCC Part 15.207(a) |
| Kind of test site | : Shielded Room |

Test Setup

| | |
|----------------------|-----------------|
| Date of testing | : 2022-08-23 |
| Input voltage | : AC 120V, 60Hz |
| Operation mode | : B |
| Earthing | : Not connected |
| Ambient temperature | : 23.7 °C |
| Relative humidity | : 52.4 % |
| Atmospheric pressure | : 101 kPa |

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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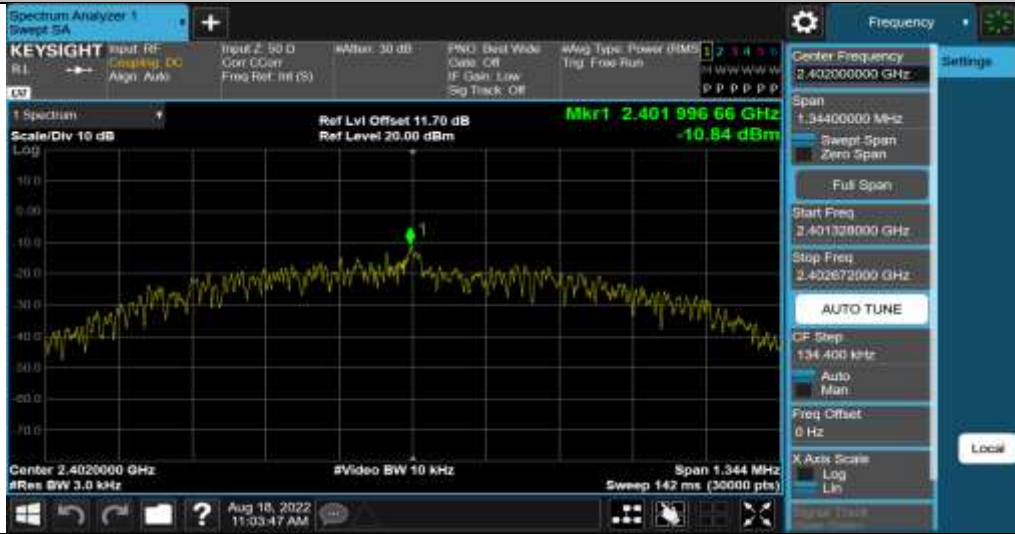
Appendix A: Test Results of Bluetooth LE & Conducted Emission

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Appendix A.1: Test Results of Conducted Power Spectral Density

| TestMode | Antenna | Channel | Result[dBm/3-100kHz] | Limit[dBm/3kHz] | Verdict |
|----------|---------|---------|----------------------|-----------------|---------|
| BLE_1M | Ant1 | 2402 | -10.84 | ≤8.00 | PASS |
| | | 2440 | -10.89 | ≤8.00 | PASS |
| | | 2480 | -11.33 | ≤8.00 | PASS |
| BLE_2M | Ant1 | 2402 | -11.09 | ≤8.00 | PASS |
| | | 2440 | -11.36 | ≤8.00 | PASS |
| | | 2480 | -11.28 | ≤8.00 | PASS |

BLE_1M_Ant1_2402



BLE_1M_Ant1_2440



BLE_1M_Ant1_2480



BLE_2M_Ant1_2402



BLE_2M_Ant1_2440



BLE_2M_Ant1_2480



Appendix A.2: Test Results of 6dB Bandwidth

| TestMode | Antenna | Channel | DTS BW [MHz] | FL[MHz] | FH[MHz] | Limit[MHz] | Verdict |
|----------|---------|---------|--------------|----------|----------|------------|---------|
| BLE_1M | Ant1 | 2402 | 0.672 | 2401.684 | 2402.356 | 0.5 | PASS |
| | | 2440 | 0.664 | 2439.684 | 2440.348 | 0.5 | PASS |
| | | 2480 | 0.656 | 2479.676 | 2480.332 | 0.5 | PASS |
| BLE_2M | Ant1 | 2402 | 1.012 | 2401.500 | 2402.512 | 0.5 | PASS |
| | | 2440 | 1.004 | 2439.480 | 2440.484 | 0.5 | PASS |
| | | 2480 | 1.016 | 2479.492 | 2480.508 | 0.5 | PASS |

BLE_1M_Ant1_2402



BLE_1M_Ant1_2440



BLE_1M_Ant1_2480



BLE_2M_Ant1_2402



BLE_2M_Ant1_2440



BLE_2M_Ant1_2480



Appendix A.3: Test Results of 99% Bandwidth

| TestMode | Antenna | Channel | OCB [MHz] | FL[MHz] | FH[MHz] | Limit[MHz] | Verdict |
|----------|---------|---------|-----------|-----------|-----------|------------|---------|
| BLE_1M | Ant1 | 2402 | 1.0631 | 2401.4758 | 2402.5389 | --- | PASS |
| | | 2440 | 1.0555 | 2439.4817 | 2440.5372 | --- | PASS |
| | | 2480 | 1.0726 | 2479.4714 | 2480.5440 | --- | PASS |
| BLE_2M | Ant1 | 2402 | 2.0689 | 2400.9825 | 2403.0514 | --- | PASS |
| | | 2440 | 2.0655 | 2438.9914 | 2441.0569 | --- | PASS |
| | | 2480 | 2.0698 | 2478.9837 | 2481.0535 | --- | PASS |

BLE_1M_Ant1_2402



BLE_1M_Ant1_2440



BLE_1M_Ant1_2480



BLE_2M_Ant1_2402



BLE_2M_Ant1_2440



BLE_2M_Ant1_2480



Appendix A.4: Test Results of Conducted Spurious Emissions Measured in 100 kHz Bandwidth

Conducted Spurious Emission

| TestMode | Antenna | Channel | FreqRange [MHz] | RefLevel [dBm] | Result[dBm] | Limit[dBm] | Verdict |
|----------|---------|---------|-----------------|----------------|-------------|------------|---------|
| BLE_1M | Ant1 | 2402 | Reference | 0.13 | 0.13 | --- | PASS |
| | | | 30~1000 | 0.13 | -48.06 | ≤-19.87 | PASS |
| | | | 1000~26500 | 0.13 | -26.01 | ≤-19.87 | PASS |
| | | 2440 | Reference | 0.65 | 0.65 | --- | PASS |
| | | | 30~1000 | 0.65 | -48.5 | ≤-19.35 | PASS |
| | | | 1000~26500 | 0.65 | -26.13 | ≤-19.35 | PASS |
| | | 2480 | Reference | 0.48 | 0.48 | --- | PASS |
| | | | 30~1000 | 0.48 | -48.32 | ≤-19.52 | PASS |
| | | | 1000~26500 | 0.48 | -26.05 | ≤-19.52 | PASS |
| BLE_2M | Ant1 | 2402 | Reference | 0.52 | 0.52 | --- | PASS |
| | | | 30~1000 | 0.52 | -48.57 | ≤-19.48 | PASS |
| | | | 1000~26500 | 0.52 | -26.05 | ≤-19.48 | PASS |
| | | 2440 | Reference | 0.64 | 0.64 | --- | PASS |
| | | | 30~1000 | 0.64 | -48.18 | ≤-19.36 | PASS |
| | | | 1000~26500 | 0.64 | -25.98 | ≤-19.36 | PASS |
| | | 2480 | Reference | -2.46 | -2.46 | --- | PASS |
| | | | 30~1000 | -2.46 | -47.73 | ≤-22.46 | PASS |
| | | | 1000~26500 | -2.46 | -26.13 | ≤-22.46 | PASS |

BLE_1M_Ant1_2402_0-Reference



BLE_1M_Ant1_2402_30~1000



BLE_1M_Ant1_2402_1000~26500



BLE_1M_Ant1_2440_0-Reference



BLE_1M_Ant1_2440_30-1000



BLE_1M_Ant1_2440_1000-26500



BLE_1M_Ant1_2480_0-Reference



BLE_1M_Ant1_2480_30~1000



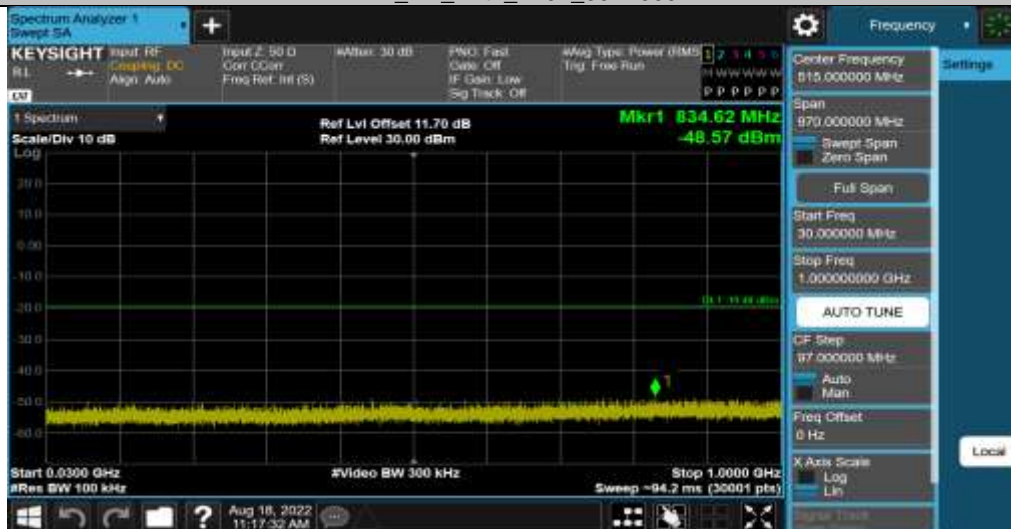
BLE_1M_Ant1_2480_1000~26500



BLE_2M_Ant1_2402_0-Reference



BLE_2M_Ant1_2402_30~1000



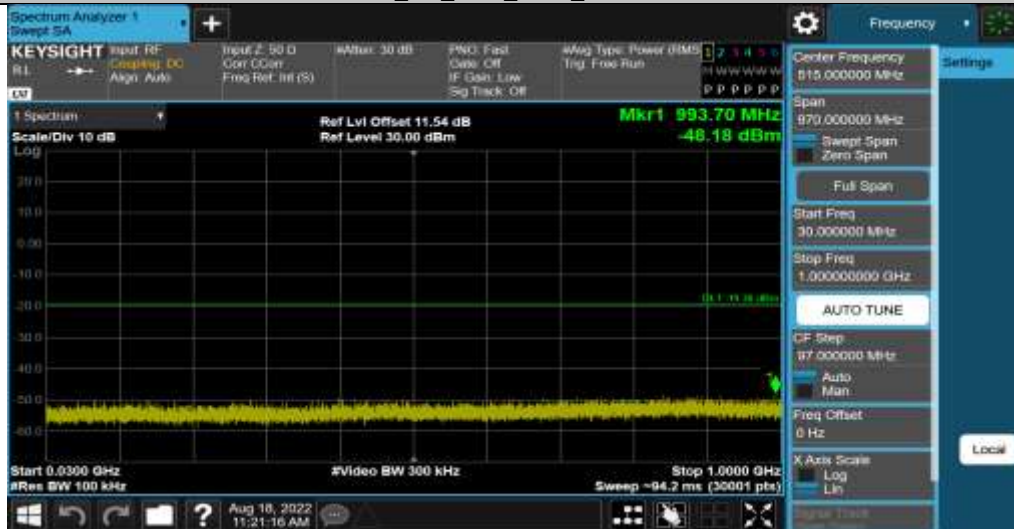
BLE_2M_Ant1_2402_1000~26500



BLE_2M_Ant1_2440_0-Reference



BLE_2M_Ant1_2440_30~1000



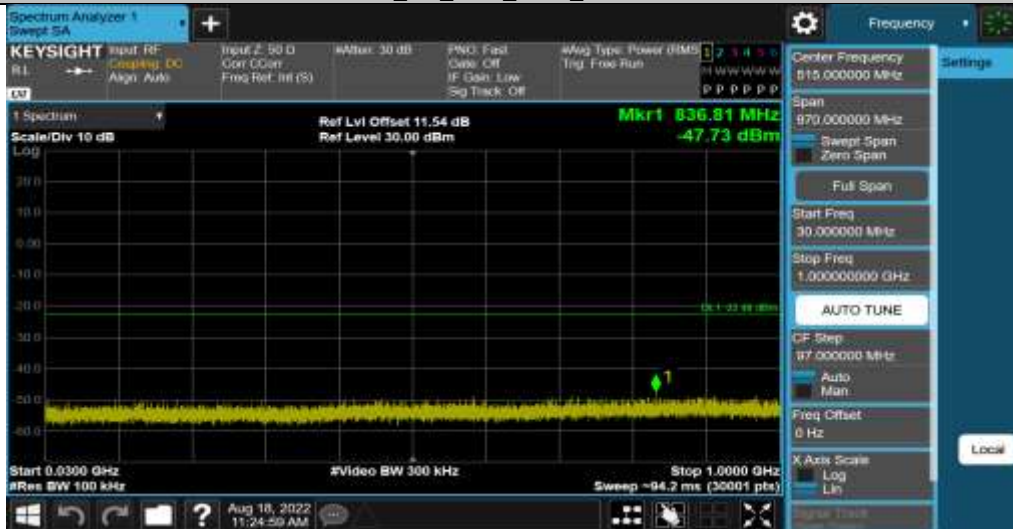
BLE_2M_Ant1_2440_1000~26500



BLE_2M_Ant1_2480_0-Reference



BLE_2M_Ant1_2480_30~1000



BLE_2M_Ant1_2480_1000~26500



Band Edge

| TestMode | Antenna | ChName | Channel | RefLevel[dBm] | Result[dBm] | Limit[dBm] | Verdict |
|----------|---------|--------|---------|---------------|-------------|------------|---------|
| BLE_1M | Ant1 | Low | 2402 | 0.70 | -25.78 | ≤-19.3 | PASS |
| | | High | 2480 | 0.60 | -42.39 | ≤-19.4 | PASS |
| BLE_2M | Ant1 | Low | 2402 | 0.55 | -25.73 | ≤-19.45 | PASS |
| | | High | 2480 | 0.64 | -41.84 | ≤-19.36 | PASS |

BLE_1M_Ant1_Low_2402



BLE_1M_Ant1_High_2480



BLE_2M_Ant1_Low_2402



BLE_2M_Ant1_High_2480



Appendix A.5: Test Results of Radiated Spurious Emissions

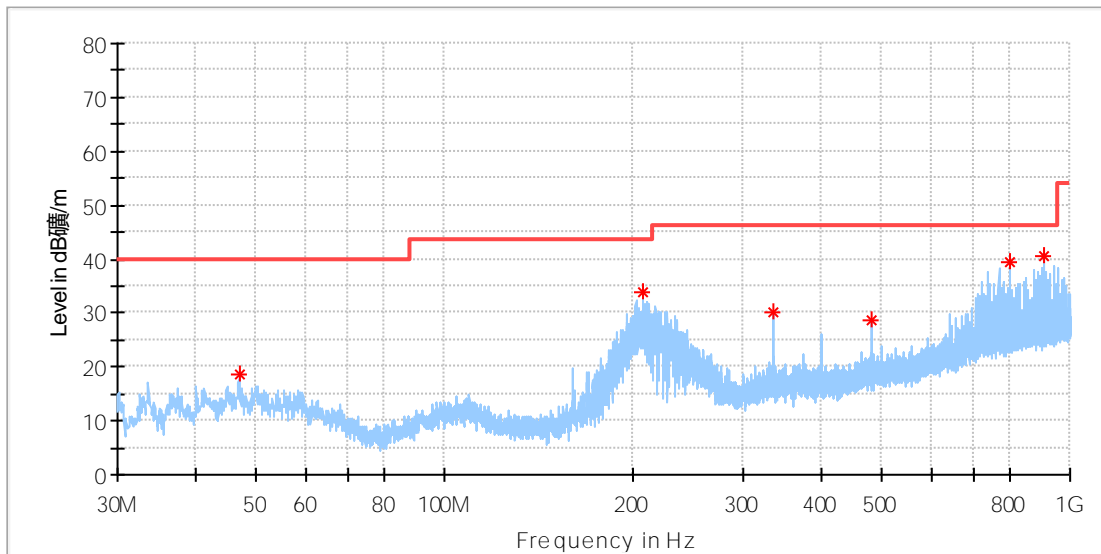
Note:

- 1) Testing was carried out within frequency range 9kHz to the tenth harmonics. The measurement results below 30MHz and 18GHz - 26.5GHz were greater than 20dB below the limit, so only the radiated spurious emissions from 30MHz to 18GHz were reported.

30 MHz - 1GHz

EUT Information

| | |
|---------------------|--------------------------|
| EUT Name: | DJI RS 3 Mini |
| Model: | P20M |
| Test Mode: | BLE 1M_Mid channel |
| Order No/Sample No: | 168368681/A003317804-032 |
| Test Voltage: | Battery |
| Remark: | Temp 23 Humi:53% |
| Test Standard: | FCC 15.247 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



Critical Freqs

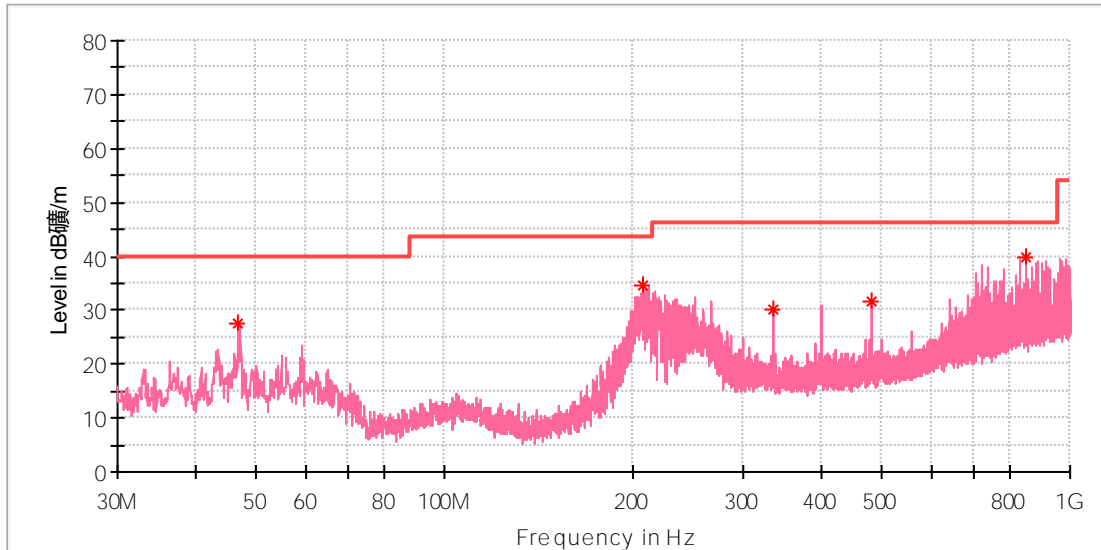
| Frequency (MHz) | MaxPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 46.975000 | 18.68 | 40.00 | 21.32 | 100.0 | H | 45.0 | -18.5 |
| 207.461500 | 33.92 | 43.50 | 9.58 | 100.0 | H | 359.0 | -18.9 |
| 335.695500 | 30.08 | 46.00 | 15.92 | 100.0 | H | 190.0 | -15.2 |
| 480.031500 | 28.66 | 46.00 | 17.34 | 100.0 | H | 359.0 | -12.2 |
| 801.926000 | 39.33 | 46.00 | 6.67 | 100.0 | H | 202.0 | -6.3 |
| 907.219500 | 40.50 | 46.00 | 5.50 | 100.0 | H | 202.0 | -4.9 |

Final Result

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

EUT Information

EUT Name: DJI RS 3 Mini
 Model: P20M
 Test Mode: BLE 1M_Mid channel
 Order No/Sample No: 168368681/A003317804-032
 Test Voltage: Battery
 Remark: Temp 23 Humi:53%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

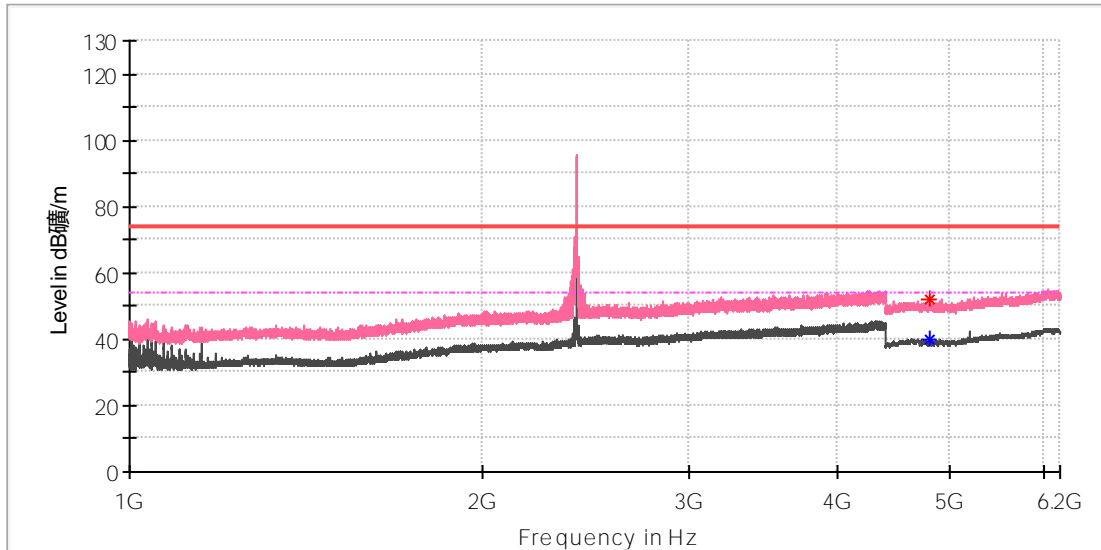
| Frequency (MHz) | MaxPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 46.829500 | 27.61 | 40.00 | 12.39 | 100.0 | V | 210.0 | -18.5 |
| 208.140500 | 34.42 | 43.50 | 9.08 | 100.0 | V | 277.0 | -18.9 |
| 335.744000 | 30.24 | 46.00 | 15.76 | 100.0 | V | 0.0 | -15.2 |
| 480.031500 | 31.72 | 46.00 | 14.28 | 100.0 | V | 181.0 | -12.2 |
| 850.523000 | 39.75 | 46.00 | 6.25 | 100.0 | V | 0.0 | -5.5 |

Final Result

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

EUT Information

EUT Name: DJI RS 3 Mini
 Model: P20M
 Test Mode: BLE 1M_Low channel
 Order No/Sample No: 168368681/A003317804-032
 Test Voltage: Battery
 Remark: Temp 23 Humi:53%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

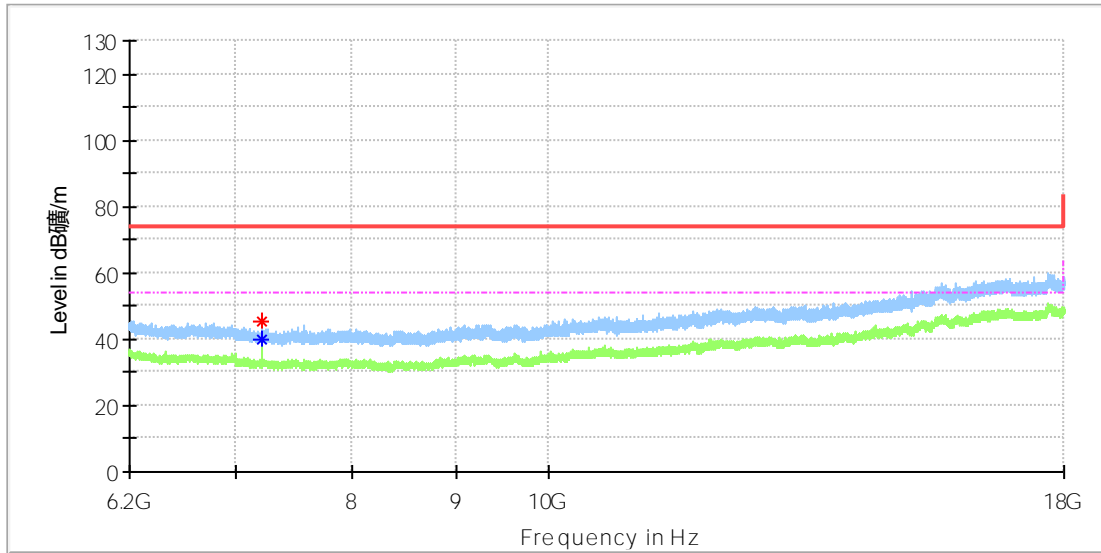
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 4803.500000 | --- | 40.01 | 54.00 | 13.99 | 150.0 | V | 283.0 | 11.8 |
| 4809.000000 | 51.74 | --- | 74.00 | 22.26 | 100.0 | V | 22.0 | 11.8 |

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 RS 3 Mini
 Model: P20M
 Test Mode: BLE 1M_Low channel
 Order No/Sample No: 168368681/A003317804-032
 Test Voltage: Battery
 Remark: Temp 23 Humi:53%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

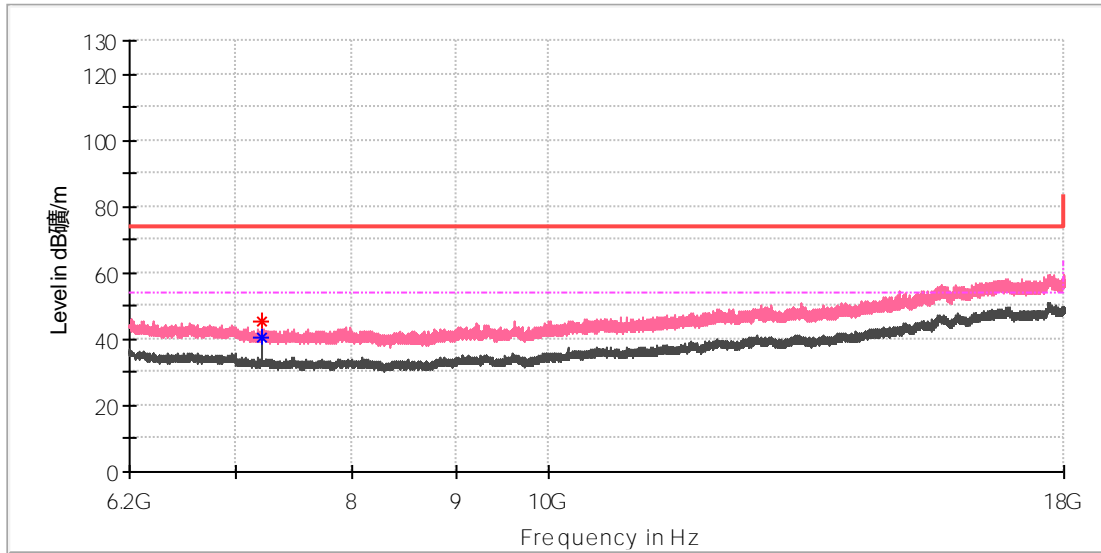
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 7205.950000 | 45.59 | --- | 74.00 | 28.41 | 100.0 | H | 6.0 | 8.8 |
| 7206.441667 | --- | 40.10 | 54.00 | 13.90 | 100.0 | H | 6.0 | 8.8 |

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 RS 3 Mini
 Model: P20M
 Test Mode: BLE 1M_Low channel
 Order No/Sample No: 168368681/A003317804-032
 Test Voltage: Battery
 Remark: Temp 23 Humi:53%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

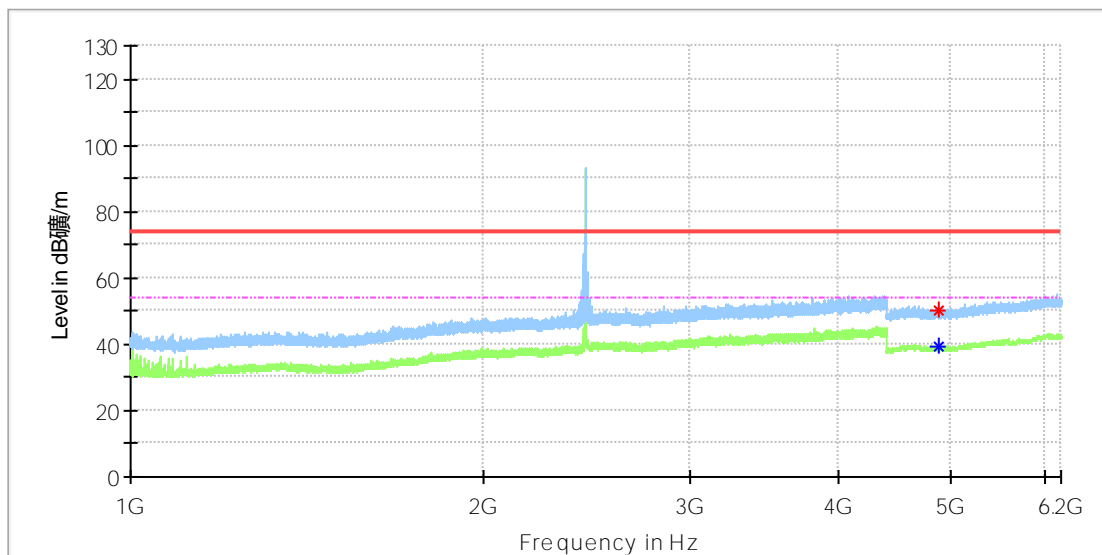
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 7205.950000 | 45.50 | --- | 74.00 | 28.50 | 100.0 | V | 191.0 | 8.8 |
| 7206.441667 | --- | 40.54 | 54.00 | 13.46 | 100.0 | V | 342.0 | 8.8 |

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 RS 3 Mini
 Model: P20M
 Test Mode: BLE 1M_Mid channel
 Order No/Sample No: 168368681/A003317804-032
 Test Voltage: Battery
 Remark: Temp 23 Humi:53%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

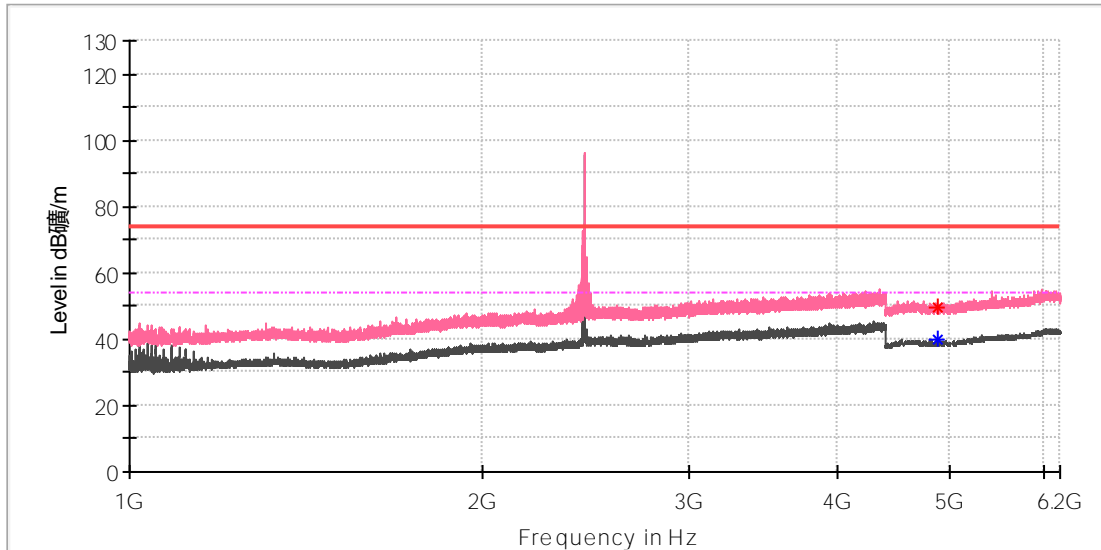
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 4870.000000 | --- | 39.16 | 54.00 | 14.84 | 100.0 | H | 309.0 | 11.8 |
| 4878.500000 | 50.07 | --- | 74.00 | 23.93 | 100.0 | H | 287.0 | 11.8 |

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 RS 3 Mini
 Model: P20M
 Test Mode: BLE 1M_Mid channel
 Order No/Sample No: 168368681/A003317804-032
 Test Voltage: Battery
 Remark: Temp 23 Humi:53%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

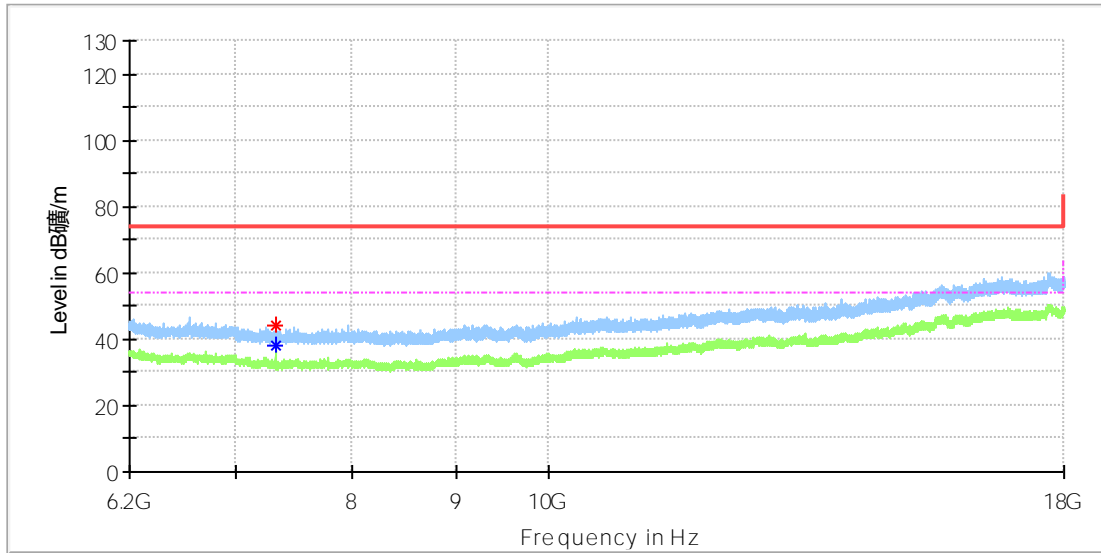
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 4880.000000 | --- | 40.06 | 54.00 | 13.94 | 100.0 | V | 358.0 | 11.8 |
| 4883.500000 | 49.61 | --- | 74.00 | 24.39 | 100.0 | V | 323.0 | 11.8 |

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 RS 3 Mini
 Model: P20M
 Test Mode: BLE 1M_Mid channel
 Order No/Sample No: 168368681/A003317804-032
 Test Voltage: Battery
 Remark: Temp 23 Humi:53%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

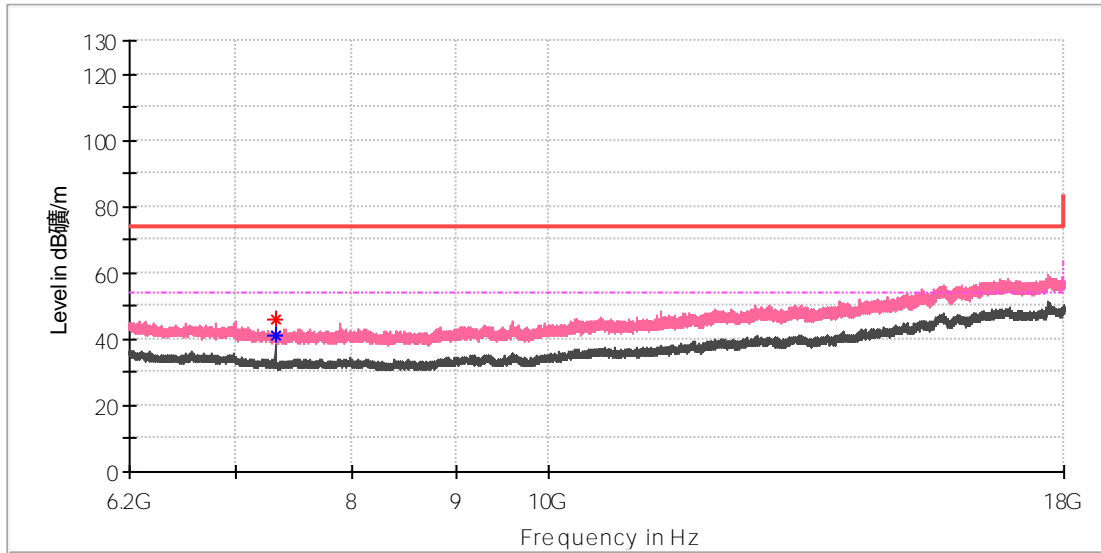
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 7319.525000 | --- | 37.84 | 54.00 | 16.16 | 100.0 | H | 4.0 | 8.2 |
| 7319.525000 | 44.13 | --- | 74.00 | 29.87 | 100.0 | H | 4.0 | 8.2 |

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 RS 3 Mini
 Model: P20M
 Test Mode: BLE 1M_Mid channel
 Order No/Sample No: 168368681/A003317804-032
 Test Voltage: Battery
 Remark: Temp 23 Humi:53%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

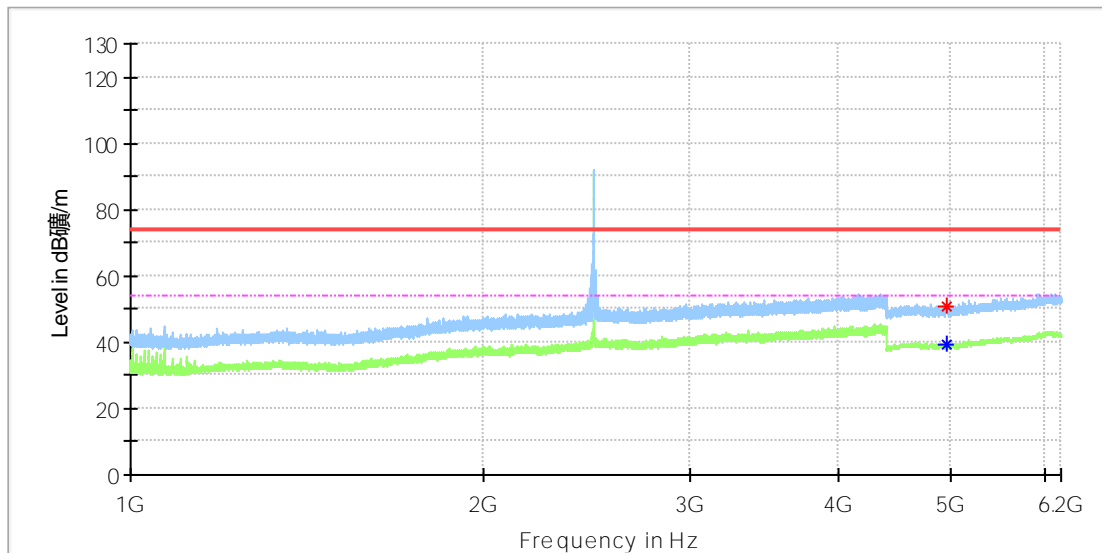
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 7319.033333 | 45.88 | --- | 74.00 | 28.12 | 100.0 | V | 359.0 | 8.2 |
| 7319.525000 | --- | 40.97 | 54.00 | 13.03 | 100.0 | V | 352.0 | 8.2 |

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 RS 3 Mini
 Model: P20M
 Test Mode: BLE 1M_High channel
 Order No/Sample No: 168368681/A003317804-032
 Test Voltage: Battery
 Remark: Temp 23 Humi:53%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

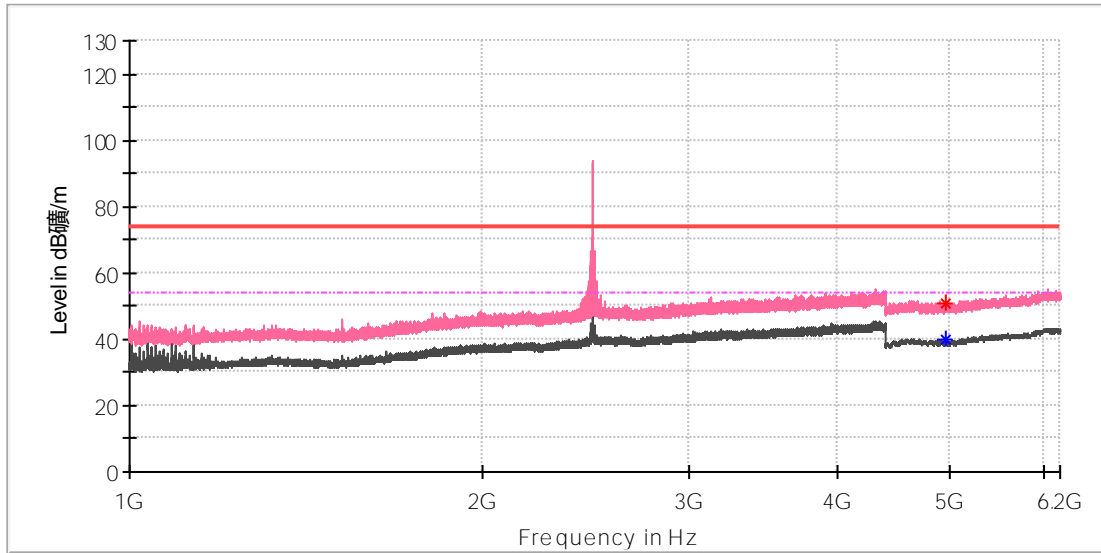
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 4952.000000 | 50.66 | --- | 74.00 | 23.34 | 100.0 | H | 295.0 | 11.8 |
| 4958.000000 | --- | 39.45 | 54.00 | 14.55 | 100.0 | H | 59.0 | 11.8 |

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 RS 3 Mini
 Model: P20M
 Test Mode: BLE 1M_High channel
 Order No/Sample No: 168368681/A003317804-032
 Test Voltage: Battery
 Remark: Temp 23 Humi:53%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

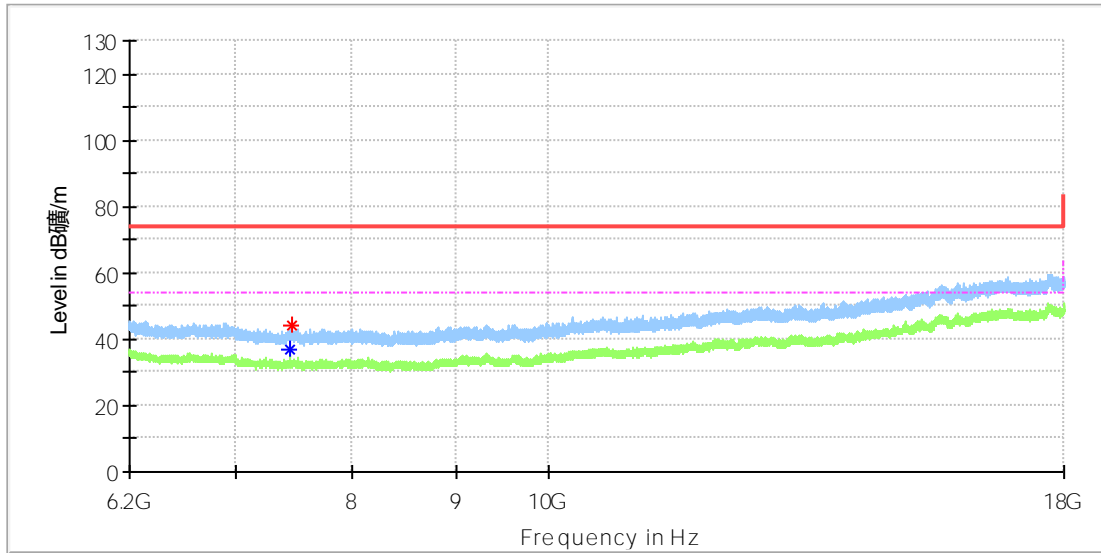
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 4958.000000 | 51.04 | --- | 74.00 | 22.96 | 100.0 | V | 74.0 | 11.8 |
| 4960.000000 | --- | 40.14 | 54.00 | 13.86 | 100.0 | V | 97.0 | 11.8 |

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 RS 3 Mini
 Model: P20M
 Test Mode: BLE 1M_High channel
 Order No/Sample No: 168368681/A003317804-032
 Test Voltage: Battery
 Remark: Temp 23 Humi:53%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

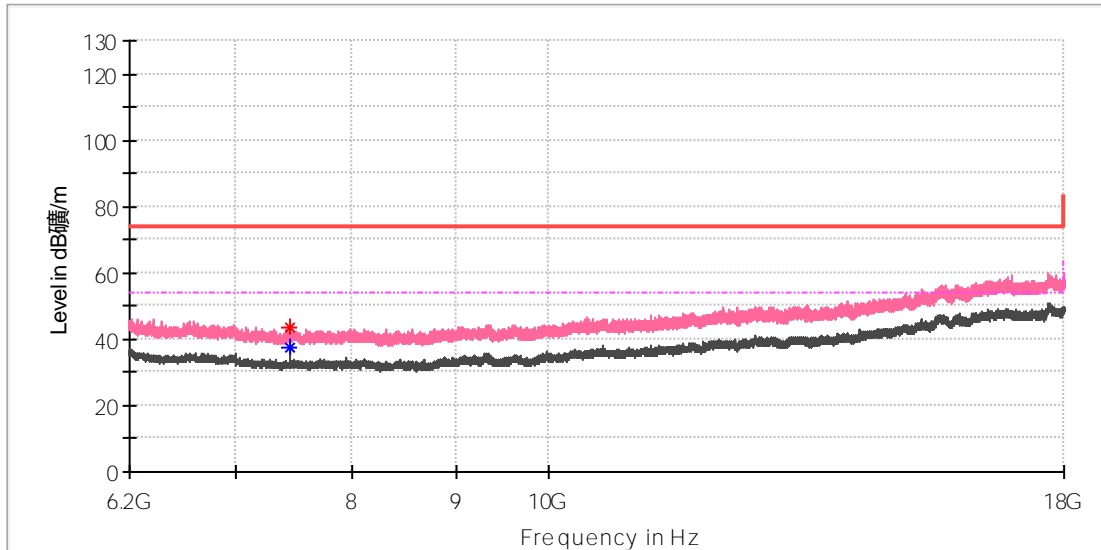
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 7440.475000 | --- | 36.92 | 54.00 | 17.08 | 100.0 | H | 213.0 | 8.4 |
| 7463.583333 | 43.92 | --- | 74.00 | 30.08 | 100.0 | H | 127.0 | 8.6 |

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 RS 3 Mini
 Model: P20M
 Test Mode: BLE 1M_High channel
 Order No/Sample No: 168368681/A003317804-032
 Test Voltage: Battery
 Remark: Temp 23 Humi:53%
 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) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 7439.000000 | 43.48 | --- | 74.00 | 30.52 | 100.0 | V | 207.0 | 8.4 |
| 7439.000000 | --- | 37.39 | 54.00 | 16.61 | 100.0 | V | 207.0 | 8.4 |

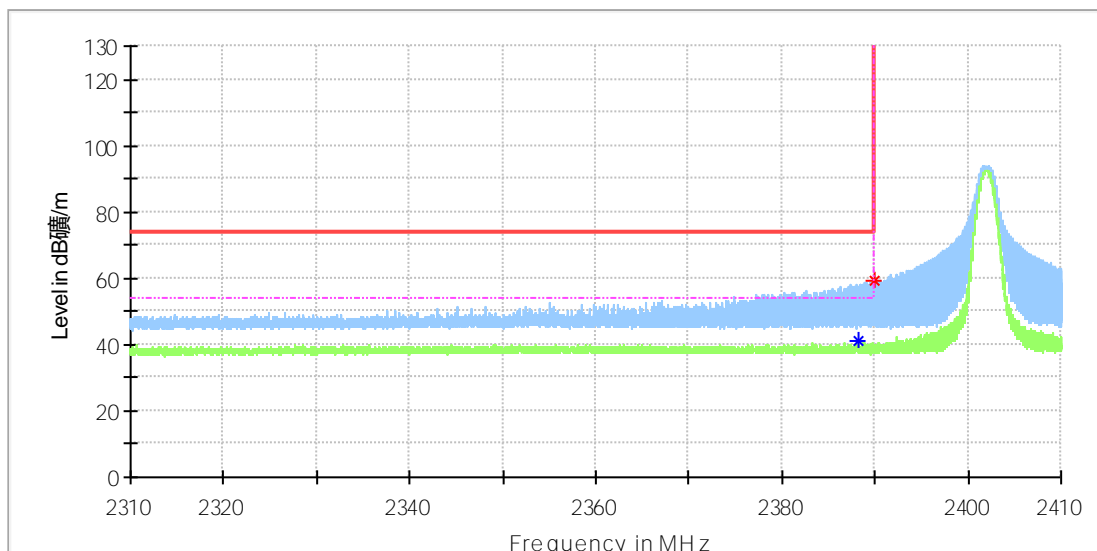
Final_Result

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

Appendix A.6: Test Results of Radiated Emissions in Restricted Bands

EUT Information

| | |
|---------------------|--------------------------|
| EUT Name: | DJI RS 3 Mini |
| Model: | P20M |
| Test Mode: | BLE 1M_Low channel |
| Order No/Sample No: | 168368681/A003317804-032 |
| Test Voltage: | Battery |
| Remark: | Temp 23 Humi:53% |
| Test Standard: | FCC 15.247 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



Critical Freqs

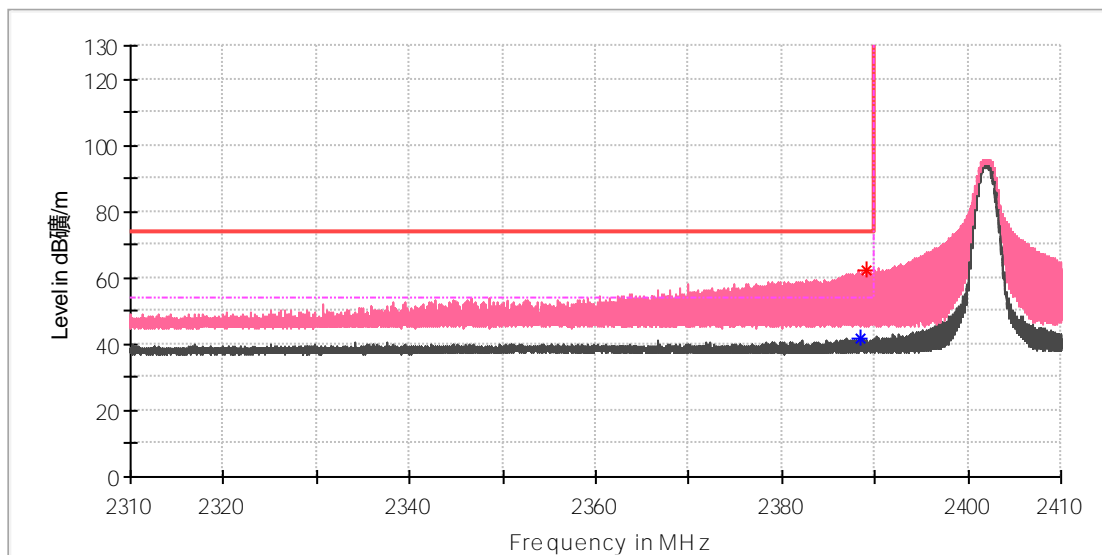
| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2388.190000 | --- | 40.84 | 54.00 | 13.16 | 100.0 | H | 191.0 | 7.0 |
| 2389.950000 | 59.32 | --- | 74.00 | 14.68 | 100.0 | H | 180.0 | 7.0 |

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 RS 3 Mini
 Model: P20M
 Test Mode: BLE 1M_Low channel
 Order No/Sample No: 168368681/A003317804-032
 Test Voltage: Battery
 Remark: Temp 23 Humi:53%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

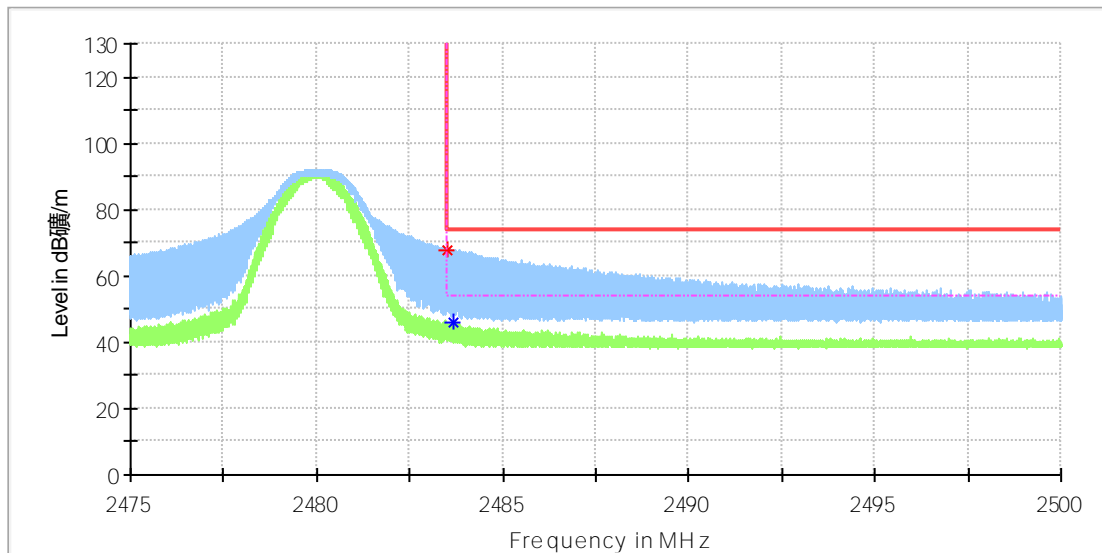
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2388.390000 | --- | 41.61 | 54.00 | 12.39 | 100.0 | V | 288.0 | 7.0 |
| 2389.020000 | 62.00 | --- | 74.00 | 12.00 | 100.0 | V | 300.0 | 7.0 |

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 RS 3 Mini |
| Model: | P20M |
| Test Mode: | BLE 1M_High channel |
| Order No/Sample No: | 168368681/A003317804-032 |
| Test Voltage: | Battery |
| Remark: | Temp 23 Humi:53% |
| Test Standard: | FCC 15.247 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



Critical_Freqs

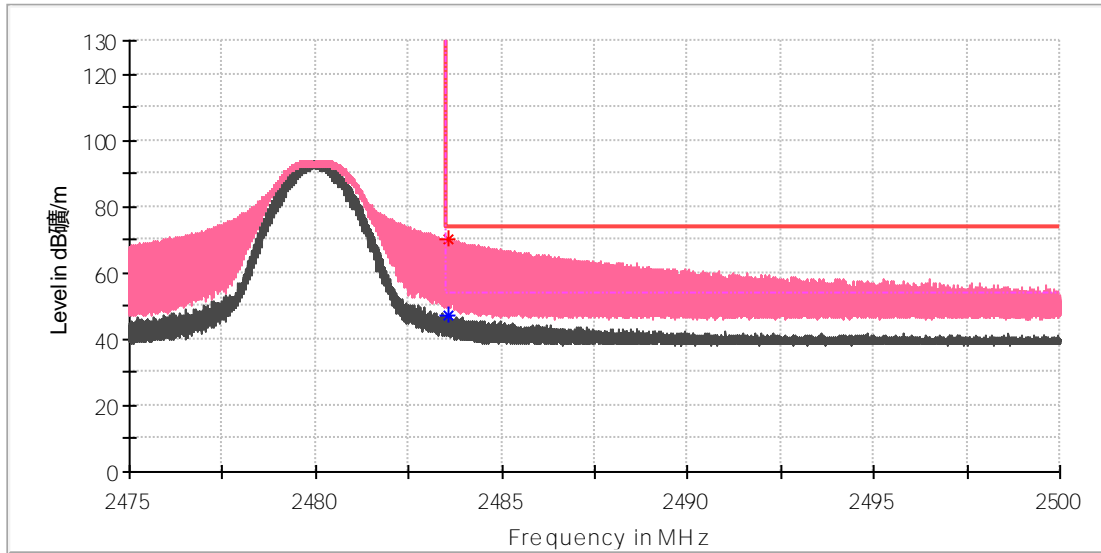
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2483.527500 | 68.02 | --- | 74.00 | 5.98 | 100.0 | H | 181.0 | 7.4 |
| 2483.662500 | --- | 45.66 | 54.00 | 8.34 | 100.0 | H | 181.0 | 7.4 |

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 RS 3 Mini
 Model: P20M
 Test Mode: BLE 1M_High channel
 Order No/Sample No: 168368681/A003317804-032
 Test Voltage: Battery
 Remark: Temp 23 Humi:53%
 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) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2483.543750 | --- | 47.38 | 54.00 | 6.62 | 100.0 | V | 291.0 | 7.4 |
| 2483.560000 | 70.29 | --- | 74.00 | 3.71 | 100.0 | V | 291.0 | 7.4 |

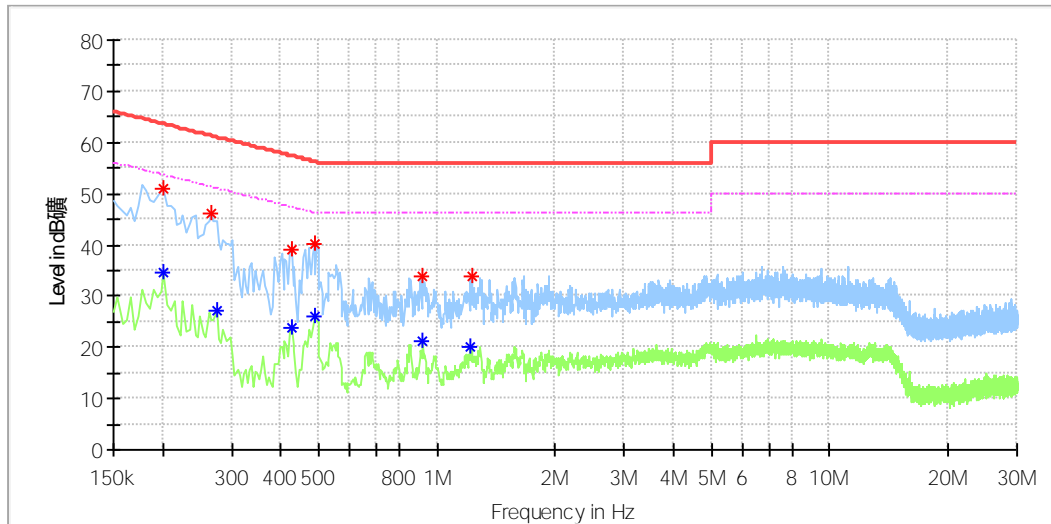
Final_Result

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

Appendix A.7: Test Results of Conducted Emission on AC Mains

EUT Information

EUT Name: DJI RS 3 Mini
 Order No: 168368681(P00668431) (#120)
 Model: P20M
 Test mode: Normal Operation
 Test Voltage: 120V/60Hz
 Test By:/Review By: Charlie Zha/Gary Chen
 Test Standard: FCC Part 15
 Tem./Hum./Pressure: 23.7°C/52.4%/101kPa
 Remark: SR2

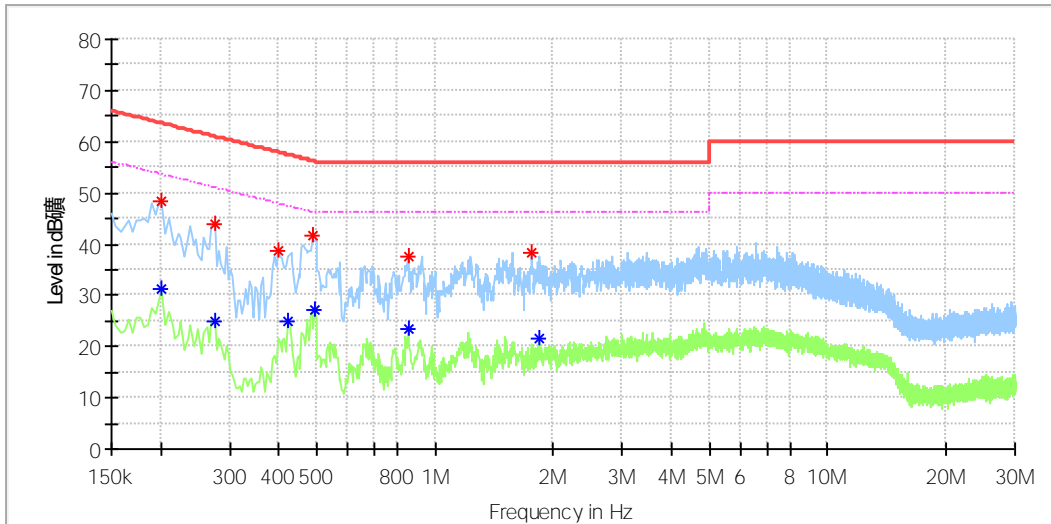


Critical Freqs

| Frequency (MHz) | MaxPeak (dBμV) | Average (dBμV) | Limit (dBμV) | Margin (dB) | Line | Corr. (dB) |
|-----------------|----------------|----------------|--------------|-------------|------|------------|
| 0.202000 | --- | 34.77 | 53.53 | 18.75 | L1 | 9.9 |
| 0.202000 | 51.12 | --- | 63.53 | 12.41 | L1 | 9.9 |
| 0.266000 | 46.10 | --- | 61.24 | 15.14 | L1 | 9.9 |
| 0.274000 | --- | 27.13 | 51.00 | 23.87 | L1 | 9.9 |
| 0.426000 | --- | 23.79 | 47.33 | 23.54 | L1 | 9.9 |
| 0.426000 | 39.13 | --- | 57.33 | 18.20 | L1 | 9.9 |
| 0.486000 | --- | 26.12 | 46.24 | 20.11 | L1 | 10.0 |
| 0.486000 | 40.21 | --- | 56.24 | 16.02 | L1 | 10.0 |
| 0.922000 | --- | 21.12 | 46.00 | 24.88 | L1 | 10.0 |
| 0.922000 | 33.97 | --- | 56.00 | 22.03 | L1 | 10.0 |
| 1.218000 | --- | 20.23 | 46.00 | 25.77 | L1 | 10.1 |
| 1.226000 | 34.01 | --- | 56.00 | 21.99 | L1 | 10.1 |

EUT Information

EUT Name: DJI RS 3 Mini
 Order No: 168368681(P00668431) (#120)
 Model: P20M
 Test mode: Normal Operation
 Test Voltage: 120V/60Hz
 Test By:/Review By: Charlie Zha/Gary Chen
 Test Standard: FCC Part 15
 Tem./Hum./Pressure: 23.7°C/52.4%/101kPa
 Remark: SR2



Critical_Freqs

| Frequency (MHz) | MaxPeak (dBµV) | Average (dBµV) | Limit (dBµV) | Margin (dB) | Line | Corr. (dB) |
|-----------------|----------------|----------------|--------------|-------------|------|------------|
| 0.202000 | 48.38 | --- | 63.53 | 15.15 | N | 9.8 |
| 0.202000 | --- | 31.20 | 53.53 | 22.33 | N | 9.8 |
| 0.274000 | 43.72 | --- | 61.00 | 17.27 | N | 9.8 |
| 0.274000 | --- | 24.89 | 51.00 | 26.11 | N | 9.8 |
| 0.398000 | 38.76 | --- | 57.90 | 19.13 | N | 9.8 |
| 0.422000 | --- | 24.98 | 47.41 | 22.43 | N | 9.8 |
| 0.486000 | 41.71 | --- | 56.24 | 14.53 | N | 9.8 |
| 0.494000 | --- | 27.09 | 46.10 | 19.01 | N | 9.8 |
| 0.854000 | --- | 23.50 | 46.00 | 22.50 | N | 9.8 |
| 0.854000 | 37.69 | --- | 56.00 | 18.31 | N | 9.8 |
| 1.762000 | 38.43 | --- | 56.00 | 17.57 | N | 9.8 |
| 1.834000 | --- | 21.76 | 46.00 | 24.24 | N | 9.8 |