Prüfbericht-Nr.: *Test report no.:*	**CN22SRMQ 008**	**Auftrags-Nr.:** *Order no.*:	**168379672**	**Seite 1 von 21** *Page 1 of 21*
Kunden-Referenz-Nr.: *Client reference no.:*	**N/A**	**Auftragsdatum:** *Order date:*	2022-06-29	
Auftraggeber: *Client:*	**SZ DJI TECHNOLOGY CO., LTD.** 14th Floor, West Wing, Skyworth Semiconductor Design Building No.18 Gaoxin South 4th Ave Nanshan District, Shenzhen, P.R. China			
Prüfgegenstand: *Test item:*	DJI Mavic 3E, DJI Mavic 3T, DJI Mavic 3M			
Bezeichnung / Typ-Nr.: *Identification / Type no.:*	M3E, M3T, M3M (Trademark: DJI)			
Auftrags-Inhalt: *Order content*:	Test Report			
Prüfgrundlage: *Test specification:*	CFR47 FCC Part 15: Subpart E Section 15.407			
Wareneingangsdatum: *Date of sample receipt:*	2022-10-10	Please refer to photo documents		
Prüfmuster-Nr.: *Test sample no:*	A003350286-007			
Prüfzeitraum: *Testing period:*	2022-10-30 to 2022-11-04			
Ort der Prüfung: *Place of testing:*	TÜV Rheinland (Shenzhen) Co., Ltd.			
Prüflaboratorium: *Testing laboratory:*	TÜV Rheinland (Shenzhen) Co., Ltd.			
Prüfergebnis*: *Test result*:*	Pass			

geprüft von: *tested by:*	x Bell Hu Signed by: Bell Hu	**genehmigt von:** *authorized by:*	X Lin Lin Signed by: Lin Lin
Datum: *Date:* 2022-11-16		**Ausstellungsdatum:** *Issue date:* 2022-11-16	
Stellung / *Position:*	Project Manager	**Stellung** / *Position:*	Reviewer

Sonstiges / *Other:* FCC ID: SS3-M3E2206 This report is for 5.2GHz SDR.

Zustand des Prüfgegenstandes bei Anlieferung: Prüfmuster vollständig und unbeschädigt
Condition of the test item at delivery: *Test item complete and undamaged*

* 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 specification(s)		*F(ail) = failed a.m. test specification(s)*	*N/A = not applicable*	*N/T = not tested*

TEST SUMMARY

5.1.1 ANTENNA REQUIREMENT
RESULT: Pass

5.1.2 MAXIMUM OUTPUT POWER
RESULT: Pass

5.1.3 POWER SPECTRAL DENSITY
RESULT: Pass

5.1.4 99% BANDWIDTH
RESULT: Pass

5.1.5 RADIATED SPURIOUS EMISSION
RESULT: Pass

TABLE OF CONTENTS

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: Photographs of the Test Set-up
Appendix B: Test data of 5.1GHz SDR.

2. Test Sites

2.1 Test Facilities

TÜV Rheinland (Shenzhen) Co., Ltd.

No. 362 Huanguan Road Middle, Longhua District, Shenzhen 518110, People's Republic of China

FCC Accreditation Designation No.: CN1260
ISED Wireless Device Testing Laboratory: 25069
A2LA Certificate Number: 5162.01

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	2023-10-10
MXG X-Series RF Vector Signal Generator	Keysight	N5182B	MY61250137	2023-10-10
EXG X-Series Microwave Analog Signal Generator	Keysight	N5173B	MY61250141	2023-10-10
DC power supply	Keysight	E3642A	MY61276100	2023-10-10
Power Control Unit	Tonscend	JS0806-4ADC	N/A	2023-10-10
Automation Control Unit	Tonscend	JS0806-2	21C8060396	2023-10-10
Test Software	Tonscend	JS1120-3	N/A	N/A
Control PC	Lenovo	TianYi510S-071MB	YLX23JMF	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

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 Uncertainty of Measurement

The value of the measurement uncertainty of each parameter is listed as below:

Table 2: Measurement Uncertainty

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

2.6 Location of Original Data

The original copies of all test data taken during actual testing were attached 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, Shenzhen 518110, People's Republic of 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** (**E**quipment **U**nder **T**est) is an aircraft (DJI Mavic 3E, DJI Mavic 3T, DJI Mavic 3M). It supports 2.4GHz SDR, 5.2GHz SDR, 5.8GHz SDR and GNSS functions.
*remark: SDR means specific defined radio, and cannot changes radio specification via software/firmware by end-users.

According to the declaration of the applicant, the electrical circuit design and PCB layout are identical for all models, the differences among them are as below.

M3E and M3T are identical to each other, they only differences is M3T camera with Thermal Imaging function and M3E without it.
M3M and M3E are identical to each other, the only difference is the M3M with multispectral camera and M3E without it.

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

3.2 Ratings and System Details

Table 3: Technical Specification

General Information of EUT	**Value**
Kind of Equipment	DJI Mavic 3E, DJI Mavic 3T, DJI Mavic 3M
Type Designation	M3E, M3T, M3M
FCC ID	SS3-M3E2206
Operating Temperature Range	-10°C ~ 40 °C
Operating Voltage	AC 100-240V, 50/60Hz input via AC/DC adapter` or Battery operated (DC 15.4V)
Testing Voltage	Fully charged battery
Radiofrequency operating mode	1) 2.4GHz SDR: operating within 2400-2483.5MHz, supports 1.4MHz/3MHz/10MHz/20MHz/40MHz Bandwidth 2) 5.2GHz SDR: operating within 5150-5250MHz, supports 10MHz/ 20MHz/40MHz Bandwidth 3) 5.8GHz SDR: operating within 5725-5850MHz, supports 1.4MHz/3MHz/10MHz/20MHz/40MHz Bandwidth 4) GNSS (receiver): operating within 1559-1610MHz
AC/DC adapter	Model: CDX265-100 Input: AC 100-240V, 50/60Hz, 2.5A Max USB-C Output: DC 5V, 3A or DC 9.0V,5.0A or DC 12.0V, 5A or DC 15.0V, 5A or DC 20.0V, 5A or DC 5.0-20V, 5A
Technical Specification of 5.1GHz SDR	
Operating Frequency	5156-5245MHz for 10MHz Bandwidth 5161-5240MHz for 20MHz Bandwidth 5170-5230MHz for 40MHz Bandwidth
Type of Modulation	OFDM (QPSK, 16QAM, 64QAM)
Channel Number	90 channels for 10MHz Bandwidth 80 channels for 20MHz Bandwidth 61 channels for 40MHz Bandwidth

Channel Separation	1MHz for 10MHz Bandwidth 1MHz for 20MHz Bandwidth 1MHz for 40MHz Bandwidth
Antenna Type	Integral Antenna
Antenna Number	4 Integral Antennas assembled, only SISO and 2X2MIMO modes supported. 1Tx1Rx for SISO mode (ANT0 or ANT1 or ANT2 or ANT3) 2Tx2Rx for MIMO mode (ANT0+ANT1 or ANT0+ANT3 or ANT2+ANT1 or ANT2+ANT3) As for MIMO mode, The Directional gain = G_{ANT} + 10 log(N_{ANT}) dBi, G_{ANT} is the highest antenna gain among all antennas.
Antenna Gain	3.0 dBi for Ant 0 & Ant 3 1.0 dBi for Ant 1 & Ant 2
The type of wideband data transmission equipment	Non-FHSS

Table 4: RF Channel and Frequency of 5.1GHz SDR

5.1GHz 10MHzBandwidth (5156-5245MHz)					
RF Channel	**Frequency (MHz)**	**RF Channel**	**Frequency (MHz)**	**RF Channel**	**Frequency (MHz)**
1	5156	31	5186	61	5216
2	5157	32	5187	62	5217
3	5158	33	5188	63	5218
4	5159	34	5189	64	5219
5	5160	35	5190	65	5220
6	5161	36	5191	66	5221
7	5162	37	5192	67	5222
8	5163	38	5193	68	5223
9	5164	39	5194	69	5224
10	5165	40	5195	70	5225
11	5166	41	5196	71	5226
12	5167	42	5197	72	5227
13	5168	43	5198	73	5228
14	5169	44	5199	74	5229
15	5170	45	5200	75	5230
16	5171	46	5201	76	5231
17	5172	47	5202	77	5232
18	5173	48	5203	78	5233
19	5174	49	5204	79	5234
20	5175	50	5205	80	5235
21	5176	51	5206	81	5236
22	5177	52	5207	82	5237
23	5178	53	5208	83	5238
24	5179	54	5209	84	5239
25	5180	55	5210	85	5240
26	5181	56	5211	86	5241
27	5182	57	5212	87	5242
28	5183	58	5213	88	5243
29	5184	59	5214	89	5244
30	5185	60	5215	90	5245

5.1GHz 20MHz Bandwidth (5161-5240MHz)					
RF Channel	**Frequency (MHz)**	**RF Channel**	**Frequency (MHz)**	**RF Channel**	**Frequency (MHz)**
1	5161	28	5188	55	5215
2	5162	29	5189	56	5216
3	5163	30	5190	57	5217
4	5164	31	5191	58	5218
5	5165	32	5192	59	5219
6	5166	33	5193	60	5220
7	5167	34	5194	61	5221
8	5168	35	5195	62	5222
9	5169	36	5196	63	5223
10	5170	37	5197	64	5224
11	5171	38	5198	65	5225
12	5172	39	5199	66	5226
13	5173	40	5200	67	5227
14	5174	41	5201	68	5228
15	5175	42	5202	69	5229
16	5176	43	5203	70	5230
17	5177	44	5204	71	5231
18	5178	45	5205	72	5232
19	5179	46	5206	73	5233
20	5180	47	5207	74	5234
21	5181	48	5208	75	5235
22	5182	49	5209	76	5236
23	5183	50	5210	77	5237
24	5184	51	5211	78	5238
25	5185	52	5212	79	5239
26	5186	53	5213	80	5240
27	5187	54	5214	/	/

5.1GHz 40MHz Bandwidth (5170-5230MHz)					
RF Channel	**Frequency (MHz)**	**RF Channel**	**Frequency (MHz)**	**RF Channel**	**Frequency (MHz)**
1	5170	22	5191	43	5212
2	5171	23	5192	44	5213
3	5172	24	5193	45	5214
4	5173	25	5194	46	5215
5	5174	26	5195	47	5216
6	5175	27	5196	48	5217
7	5176	28	5197	49	5218
8	5177	29	5198	50	5219
9	5178	30	5199	51	5220
10	5179	31	5200	52	5221
11	5180	32	5201	53	5222
12	5181	33	5202	54	5223
13	5182	34	5203	55	5224
14	5183	35	5204	56	5225
15	5184	36	5205	57	5226
16	5185	37	5206	58	5227
17	5186	38	5207	59	5228
18	5187	39	5208	60	5229
19	5188	40	5209	61	5230
20	5189	41	5210	/	/
21	5190	42	5211	/	/

3.3 Independent Operation Modes

The basic operation modes are:

A. On, 5.1GHz SDR wireless 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 the Circuit Diagram.

3.5 Submitted Documents

- Application Form
- Block Diagram
- User Manual
- ID Label and Location Info

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.

4.2 Test Operation

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

According to clause 3.1, all tests were performed on All models in this report.

4.3 Special Accessories and Auxiliary Equipment

Table 5: List of Accessories and Auxiliary Equipment

Description	Manufacturer	Model	S/N
Laptop	Lenovo	T480	PF-16A6N8
Remote Control	DJI	RM510B	5YSZK66001003D

4.4 Countermeasures to Achieve ERM 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)

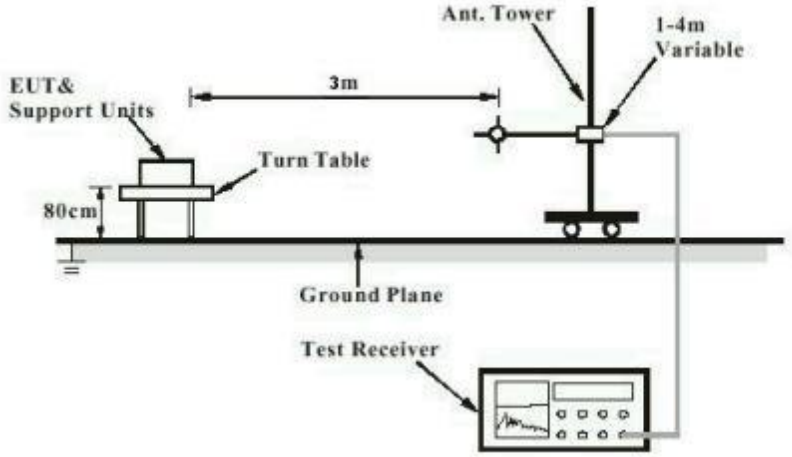


Diagram of Measurement Configuration for Radiation Test (Above 1GHz)

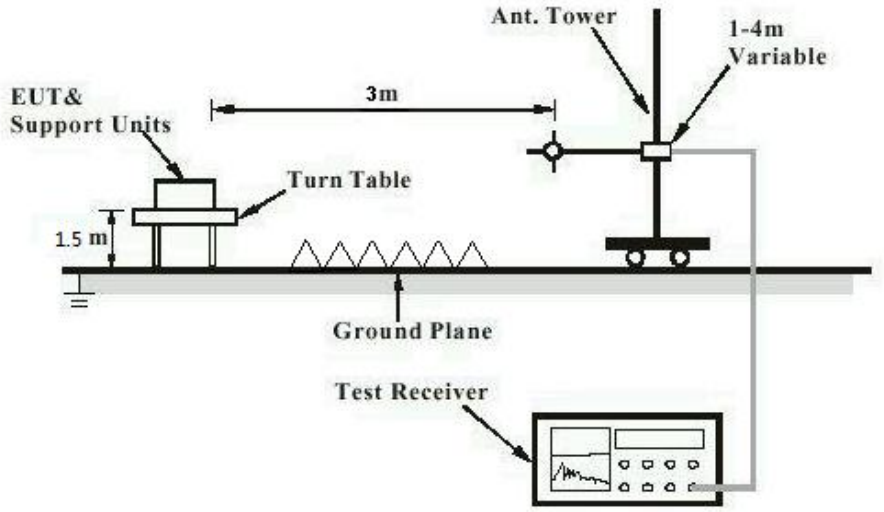
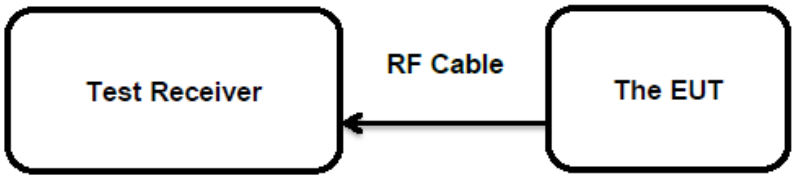


Diagram of Measurement Configuration for Conducted Transmitter Measurement



5. Test Results

5.1 Radio Test Requirement & Test Suites (5GHz Bands)

5.1.1 Antenna Requirement

RESULT: **Pass**

Test Specification
Test standard : FCC Part 15.203

According to the manufacturer declared, the EUT has Integral Antennas, permanent attached and no consideration of replacement. Details as listed on section 3.2 table 2.

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

Refer to EUT Photo for further details.

5.1.2 Maximum output power

RESULT: **Pass**

Test Specification

Test standard	:	FCC Part 15.407 (a)
Basic standard	:	ANSI C63.10:2013
Limits	:	<250mW (24dBm) (5150-5250MHz)
Kind of test site	:	Shielded Room

Test Setup

Date of testing	:	2022-10-26 to 2022-10-30
Input voltage	:	Fully charged battery
Operation mode	:	A
Test channel	:	Low / Middle / High
Ambient temperature	:	25 ℃
Relative humidity	:	56 %
Atmospheric pressure	:	101 kPa

Table 6: Test Result of Maximum Conducted Output Power, 5.1GHz SDR

Worst case for SISO mode

Test Mode	Test Channel (MHz)	Measured Power		Limit (W)
		(dBm)	(W)	
10MHz BW	5156	9.82	0.0096	0.25
	5157	17.06	0.0508	
	5200	16.96	0.0497	
	5245	**17.49**	0.0561	
20MHz BW	5161	17.15	0.0519	
	5200	16.9	0.0490	
	5240	17.28	0.0535	
40MHz BW	5170	16.99	0.0500	
	5200	17.01	0.0502	
	5230	17.11	0.0514	

Worst case for MIMO mode

Test Mode	Test Channel (MHz)	Measured Power		Limit (W)
		(dBm)	(W)	
10MHz BW	5156	8.91	0.0078	0.25
	5157	16.81	0.0480	
	5200	17.08	0.0511	
	5245	16.95	0.0495	
20MHz BW	5161	16.87	0.0486	
	5200	16.57	0.0454	
	5240	16.85	0.0484	
40MHz BW	5170	16.81	0.0480	
	5200	16.78	0.0476	
	5230	**17.16**	0.0520	

Note:

1) The cable loss is taken into account in results. A duty cycle greater than 98% used when in testing, the DC factors have been considered for test results as well.
2) e.i.r.p.=P(conducted power)+ G, which is below the 4 W
3) Both SISO and MIMO tested for all antennas, only the worst-case reported.

5.1.3 Power Spectral Density

RESULT: **Pass**

Test Specification

Test standard	:	FCC Part 15.407 (a)
Basic standard	:	ANSI C63.10:2013
Limits	:	<11dBm/MHz (5150-5250MHz 5250-5350MHz, 5470-5725MHz)
Kind of test site	:	Shielded Room

Test Setup

Date of testing	:	2022-10-26 to 2022-10-30
Input voltage	:	Fully charged battery
Operation mode	:	A
Test channel	:	Low / Middle / High
Ambient temperature	:	25 ℃
Relative humidity	:	56 %
Atmospheric pressure	:	101 kPa

Refer to attached Appendix B for details of test data.

5.1.4 99% Bandwidth

RESULT: **Pass**

Test Specification

Test standard	:	FCC Part 15.407
Basic standard	:	ANSI C63.10:2013
Limits	:	N/A
Kind of test site	:	Shielded Room

Test Setup

Date of testing	:	2022-10-26 to 2022-10-30
Input voltage	:	Fully charged battery
Operation mode	:	A
Test channel	:	Low / Middle / High
Ambient temperature	:	25 ℃
Relative humidity	:	56 %
Atmospheric pressure	:	101 kPa

Refer to attached Appendix B for details of test data.

5.1.5 Radiated Spurious Emission

RESULT: **Pass**

Test Specification

Test standard	:	FCC Part 15.407(b) & FCC Part 15.205 & FCC Part 15.209
Basic standard	:	ANSI C63.10:2013
Limits	:	• For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of −27 dBm/MHz. • For transmitters operating in the 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of −27 dBm/MHz. • For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of −27 dBm/MHz. Emissions outside the band 5470-5600 MHz and 5650-5725 MHz shall not exceed -27 dBm/MHz e.i.r.p. • For transmitters operating in the 5.725-5.85 GHz band: All emissions shall be limited to a level of −27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge. • Restricted Bands meet the requirement of 15.209 limit
Kind of test site	:	3m Semi-Anechoic Chamber (below 1GHz) 3m Anechoic Chamber (above 1GHz)

Test Setup

Date of testing	:	2022-10-26 to 2022-11-05
Input voltage	:	Fully charged battery
Operation mode	:	A
Test channel	:	Low / Middle / High
Ambient temperature	:	23 ℃
Relative humidity	:	48 %
Atmospheric pressure	:	101 kPa

Refer to attached Appendix B for details of test data.

6. Photographs of the Test Set-Up

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

7. List of Tables

Appendix B: Test Results of 5.1GHz SDR

Note: All testing were carried out on SISO mode and MIMO mode, but only the worst case was presented in this report.

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

5.1GHz SDR, SISO

TestMode	Antenna	Channel	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
10MHz	Ant1	5157	7.38	≤11.00	PASS
		5200	7.38	≤11.00	PASS
		5245	9.13	≤11.00	PASS
20MHz	Ant1	5161	5.79	≤11.00	PASS
		5200	5.4	≤11.00	PASS
		5240	6.06	≤11.00	PASS
40MHz	Ant1	5170	2.65	≤11.00	PASS
		5200	2.42	≤11.00	PASS
		5230	2.79	≤11.00	PASS

All RF ports tested, only the worst-case reported.

10M_Ant1_5157

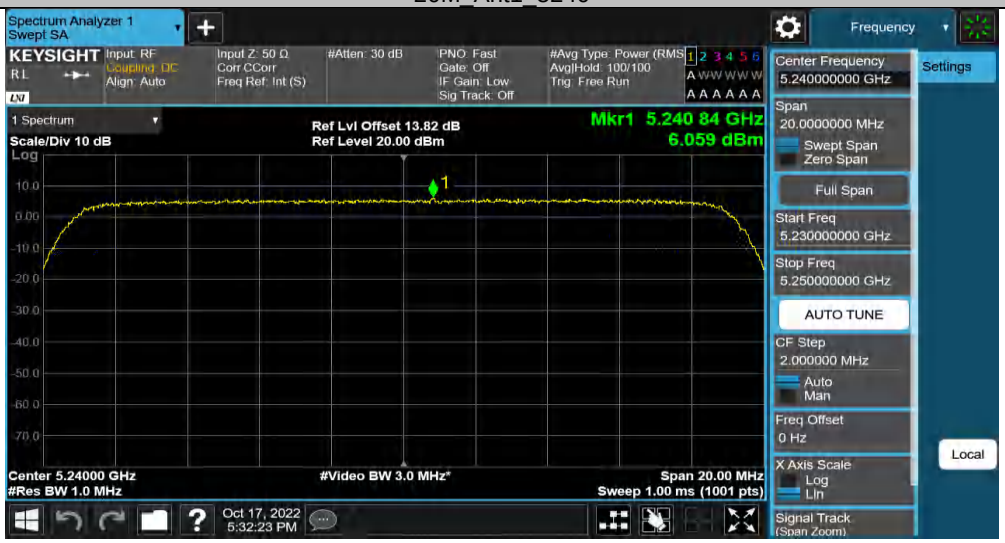
10M_Ant1_5200

10M_Ant1_5245

20M_Ant1_5161

20M_Ant1_5200

20M_Ant1_5240



40M_Ant1_5170

40M_Ant1_5200

40M_Ant1_5230

5.1GHz SDR, MIMO

TestMode	Antenna	Channel	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
10MHz	Ant1	5156	4.35	≤11.00	PASS
	Ant2	5156	4.4	≤11.00	PASS
	total	5156	7.39	≤11.00	PASS
	Ant1	5157	5.7	≤11.00	PASS
	Ant2	5157	5.1	≤11.00	PASS
	total	5157	8.42	≤11.00	PASS
	Ant1	5200	5.74	≤11.00	PASS
	Ant2	5200	5.34	≤11.00	PASS
	total	5200	8.55	≤11.00	PASS
	Ant1	5245	6.12	≤11.00	PASS
	Ant2	5245	4.98	≤11.00	PASS
	total	5245	8.60	≤11.00	PASS
20MHz	Ant1	5161	3.16	≤11.00	PASS
	Ant2	5161	2.46	≤11.00	PASS
	total	5161	5.83	≤11.00	PASS
	Ant1	5200	2.75	≤11.00	PASS
	Ant2	5200	1.85	≤11.00	PASS
	total	5200	5.33	≤11.00	PASS
	Ant1	5240	3.02	≤11.00	PASS
	Ant2	5240	2.22	≤11.00	PASS
	total	5240	5.65	≤11.00	PASS
40MHz	Ant1	5170	0.24	≤11.00	PASS
	Ant2	5170	-0.6	≤11.00	PASS
	total	5170	2.85	≤11.00	PASS
	Ant1	5200	0.22	≤11.00	PASS
	Ant2	5200	-0.79	≤11.00	PASS
	total	5200	2.75	≤11.00	PASS
	Ant1	5230	-1.15	≤11.00	PASS
	Ant2	5230	-0.54	≤11.00	PASS
	total	5230	2.18	≤11.00	PASS

All MIMO combination modes test, only the worst-case reported.

10MHz, MIMO_Ant1_5156

10MHz, MIMO_Ant2_5156

10MHz, MIMO_Ant1_5157

10MHz, MIMO_Ant2_5157

10MHz, MIMO_Ant1_5200

10MHz, MIMO_Ant2_5200

10MHz, MIMO_Ant1_5245

10MHz, MIMO_Ant2_5245

20MHz_MIMO_Ant1_5161

20MHz_MIMO_Ant2_5161

20MHz_MIMO_Ant1_5200

20MHz_MIMO_Ant2_5200

20MHz_MIMO_Ant1_5240

20MHz_MIMO_Ant2_5240

40MHz_MIMO_Ant1_5170

40MHz_MIMO_Ant2_5170

40MHz_MIMO_Ant1_5200

40MHz_MIMO_Ant2_5200

40MHz_MIMO_Ant1_5230

40MHz_MIMO_Ant2_5230

Appendix B.2: Test Results of 99% Bandwidth

5.1GHz SDR

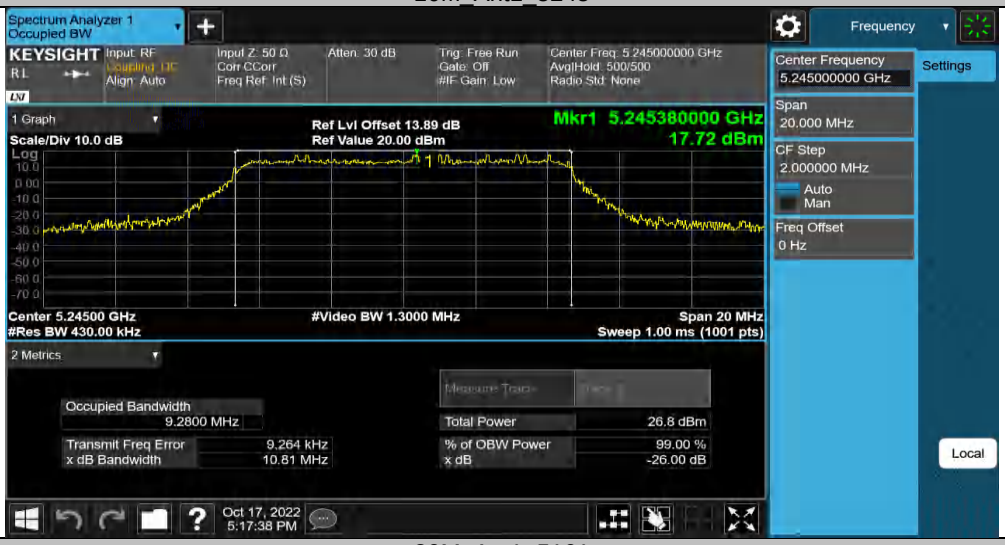
TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
10MHz	Ant1	5156	9.1520	5151.4243	5160.5763	---	---
		5157	9.1798	5152.4155	5161.5953	---	---
		5200	9.2316	5195.4018	5204.6334	---	---
		5245	9.2800	5240.3693	5249.6493	---	---
20MHz	Ant1	5161	17.799	5152.1304	5169.9294	---	---
		5200	17.877	5191.1056	5208.9826	---	---
		5240	17.906	5231.0270	5248.9330	---	---
40MHz	Ant1	5170	19.782	5160.1092	5179.8912	---	---
		5200	19.812	5190.1000	5209.9120	---	---
		5230	19.801	5220.0960	5239.8970	---	---

10M_Ant1_5156

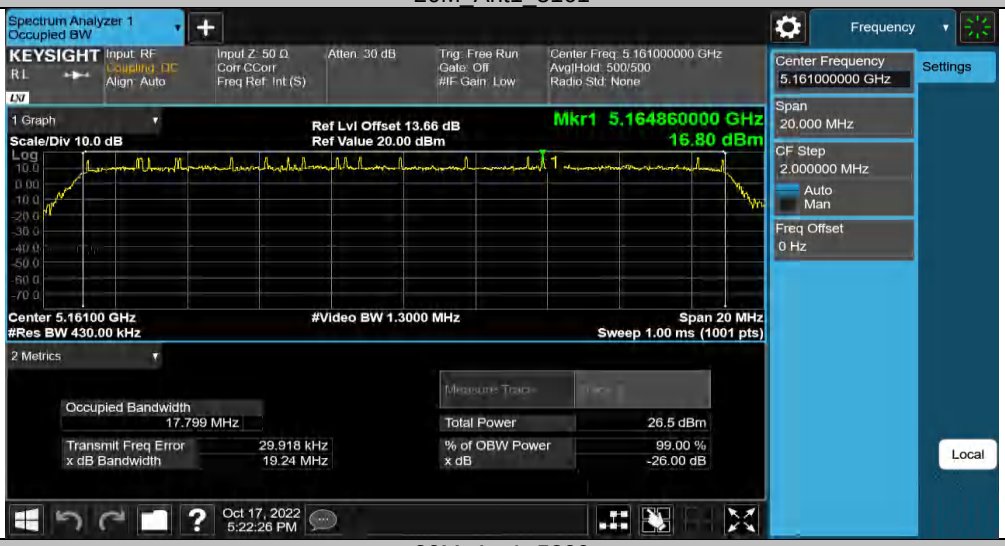
10M_Ant1_5157

10M_Ant1_5200

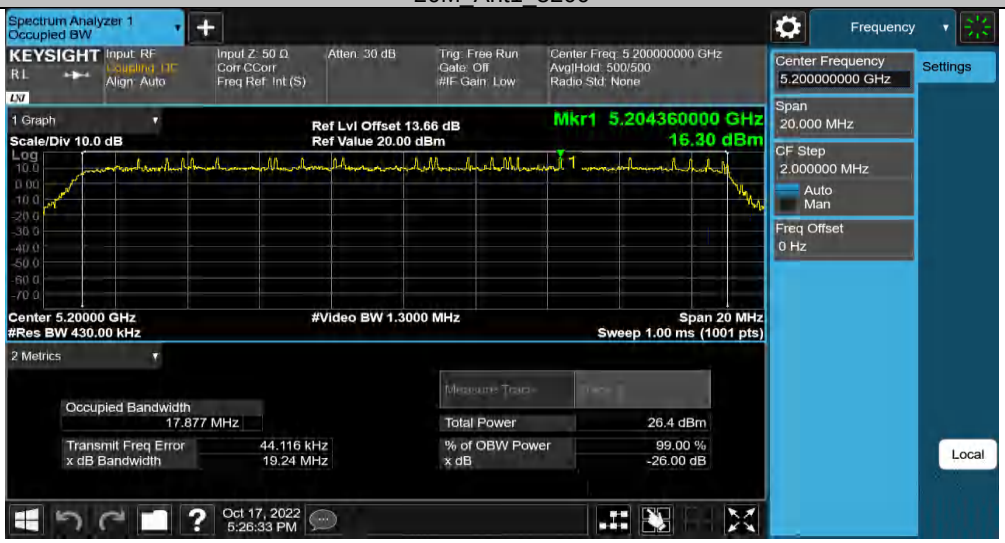
10M_Ant1_5245



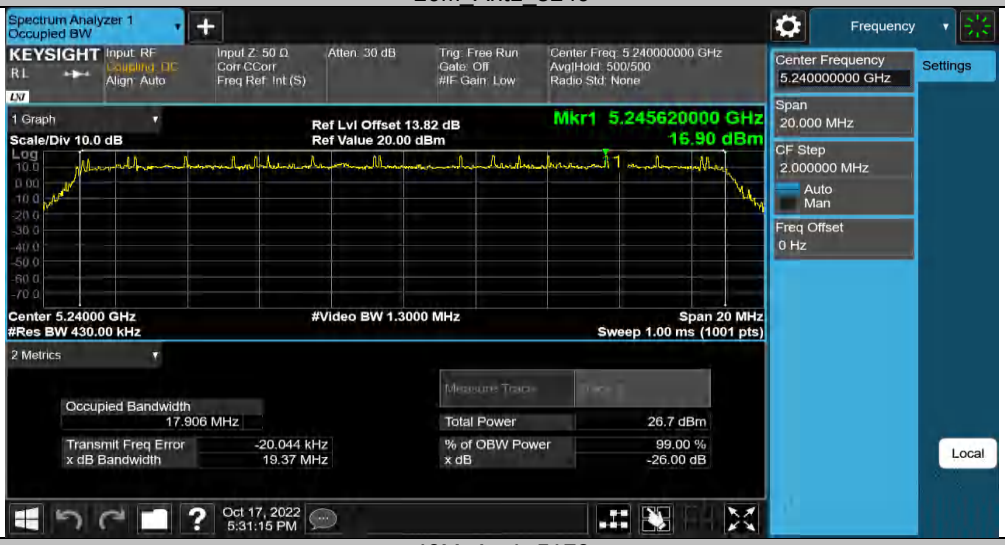
20M_Ant1_5161



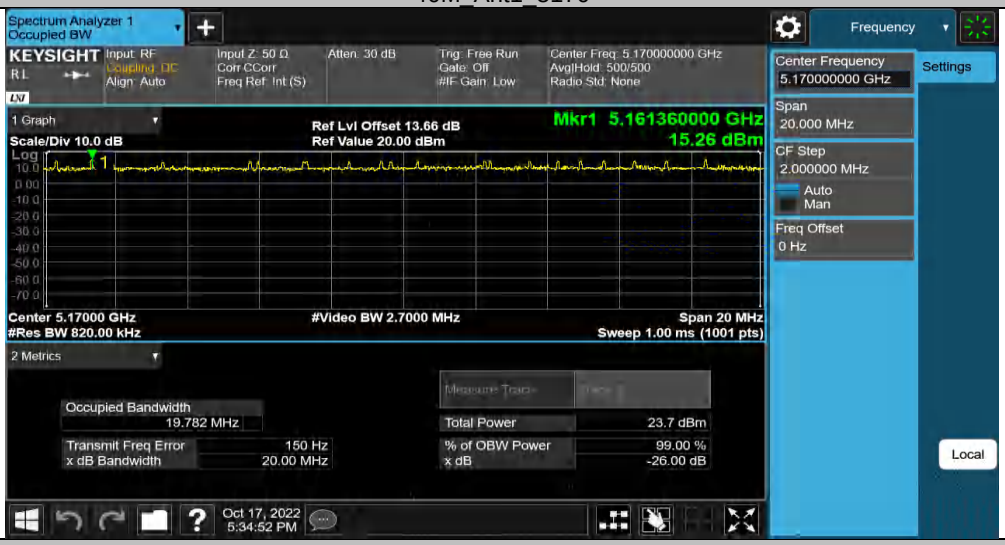
20M_Ant1_5200



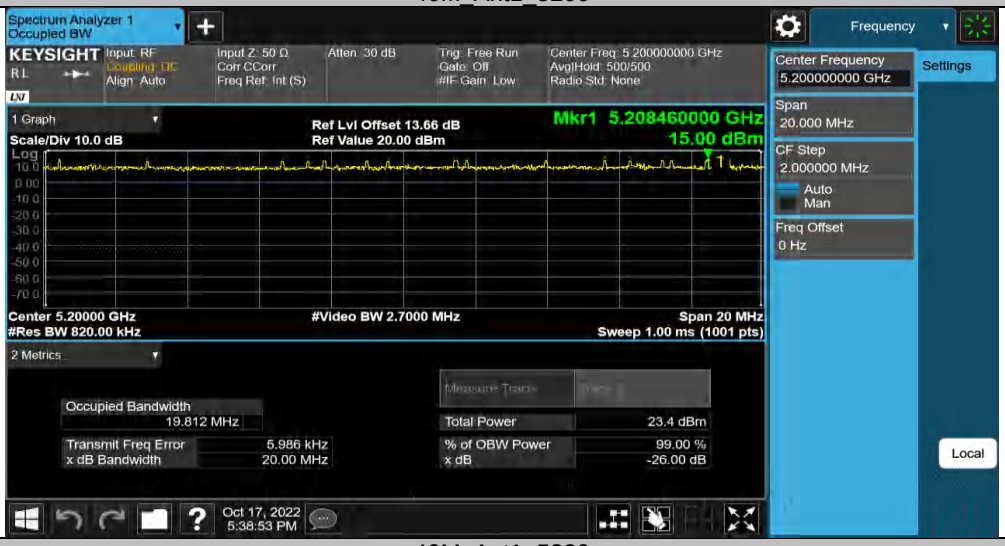
20M_Ant1_5240



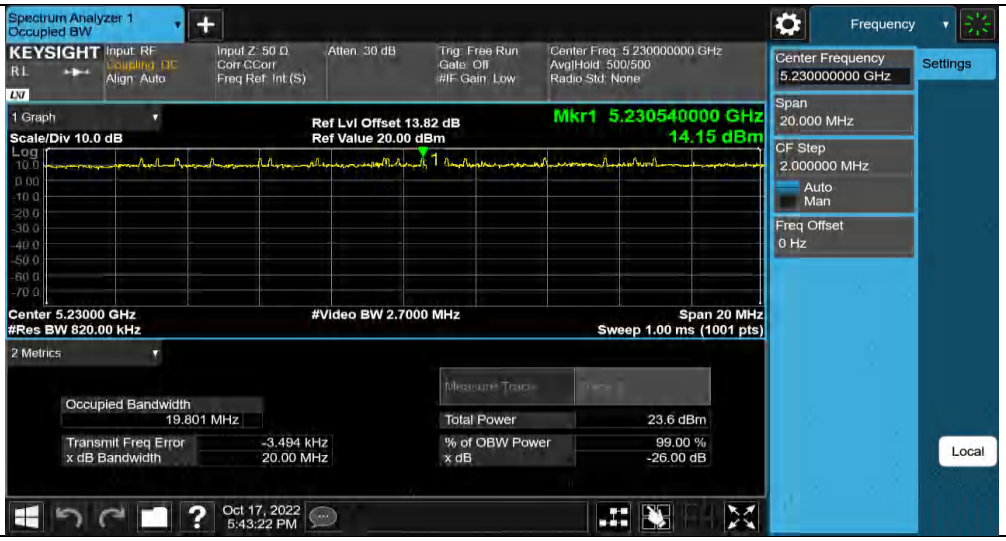
40M_Ant1_5170



40M_Ant1_5200



40M_Ant1_5230


Spectrum Analyzer 1
Occupied BW
KEYSIGHT
Input: RF
Coupling: DC
Align: Auto
Input Z: 50 Ω
Corr CCorr
Freq Ref: Int (S)
Atten: 30 dB
Trig: Free Run
Gate: Off
#IF Gain: Low
Center Freq: 5.230000000 GHz
Avg|Hold: 500/500
Radio Std: None
1 Graph
Scale/Div 10.0 dB
Log
Ref Lvl Offset 13.82 dB
Ref Value 20.00 dBm
Mkr1 5.230540000 GHz
14.15 dBm
Center 5.23000 GHz
#Res BW 820.00 kHz
#Video BW 2.7000 MHz
Span 20 MHz
Sweep 1.00 ms (1001 pts)
2 Metrics
Occupied Bandwidth
19.801 MHz
Transmit Freq Error
-3.494 kHz
x dB Bandwidth
20.00 MHz
Total Power
23.6 dBm
% of OBW Power
99.00 %
x dB
-26.00 dB
Oct 17, 2022
5:43:22 PM
Frequency
Center Frequency
5.230000000 GHz
Span
20.000 MHz
CF Step
2.000000 MHz
Auto
Man
Freq Offset
0 Hz
Settings
Local

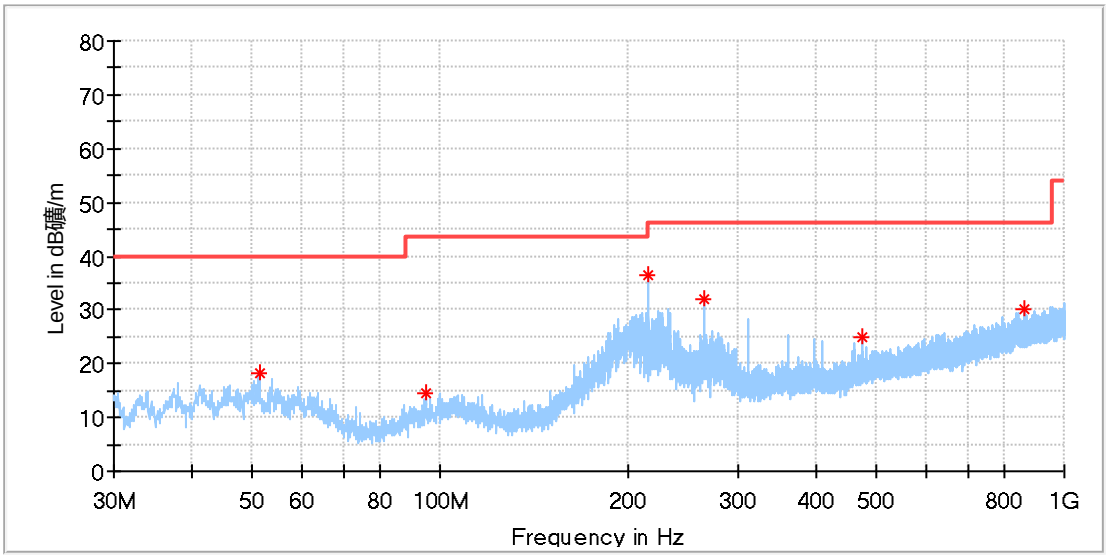
Appendix B.3: Test Results of Radiated Spurious Emissions

Note:1, Testing is carried out with frequency rang 9kHz to the tenth harmonics.
2, The margin is greater than 20 dB are not shown in this Appendix.

30MHz - 1GHz (Worst case)

EUT Information

EUT Name:	DJI Mavic 3M
Model:	M3M
Test Mode:	SDR 5.2G_20M_5200MHz
Order No/Sample No:	168379672/A003350286-007
Test Voltage::	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

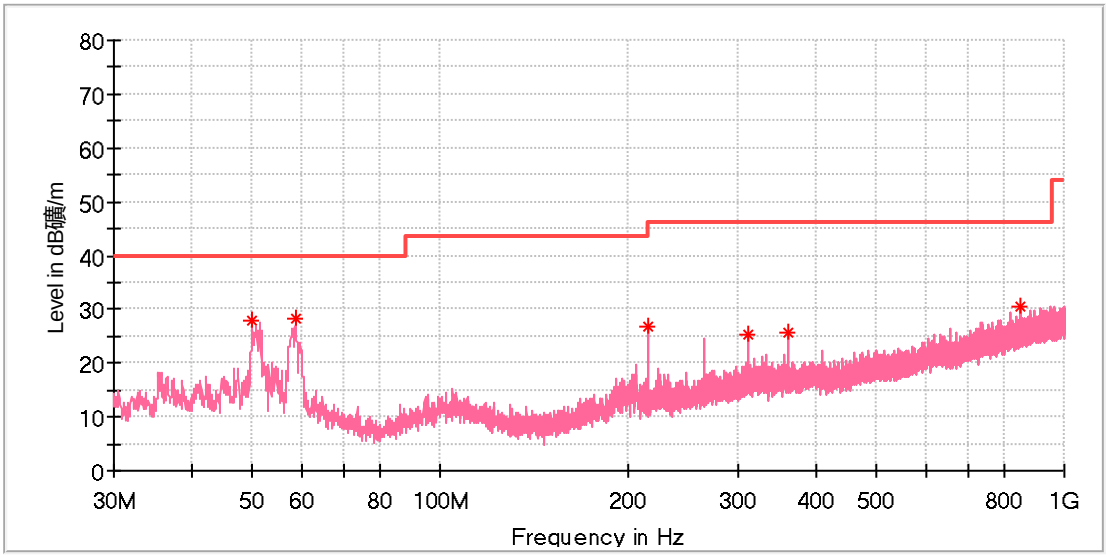
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
51.243000	18.39	40.00	21.61	100.0	H	346.0	-18.3
94.893000	14.54	43.50	28.96	100.0	H	245.0	-19.8
215.997500	36.45	43.50	7.05	100.0	H	58.0	-18.7
264.012500	32.18	46.00	13.82	100.0	H	232.0	-17.0
474.987500	24.83	46.00	21.17	100.0	H	58.0	-12.3
863.472500	30.14	46.00	15.86	100.0	H	41.0	-5.3

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 Mavic 3M
Model:	M3M
Test Mode:	SDR 5.2G_20M_5200MHz
Order No/Sample No:	168379672/A003350286-007
Test Voltage::	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
49.982000	28.01	40.00	11.99	100.0	V	0.0	-18.3
58.712000	28.23	40.00	11.77	100.0	V	338.0	-18.8
215.997500	26.92	43.50	16.58	100.0	V	162.0	-18.7
312.027500	25.45	46.00	20.55	100.0	V	206.0	-15.9
359.994000	25.58	46.00	20.42	100.0	V	212.0	-14.6
849.165000	30.63	46.00	15.37	100.0	V	338.0	-5.5

Final_Result

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

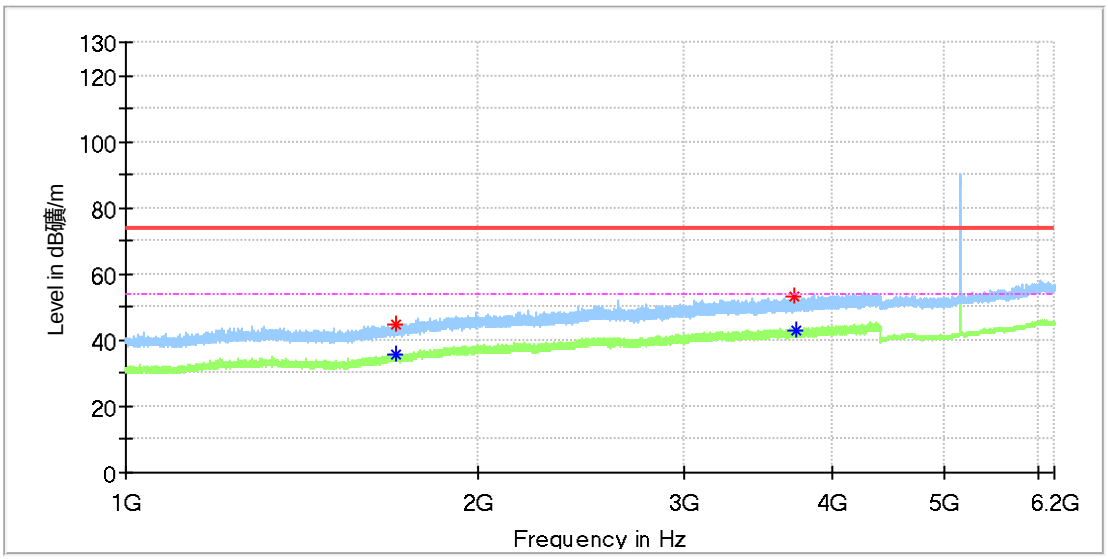
1GHz - 18GHz

Note: The highest waveform in the figure is 5.1GHz SDR Fundamental.

SISO mode:

EUT Information

EUT Name:	DJI Mavic 3M
Model:	M3M
Test Mode:	SDR 5.2G_10M_5156MHz
Order No/Sample No:	168379672/A003350286-007
Test Voltage::	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

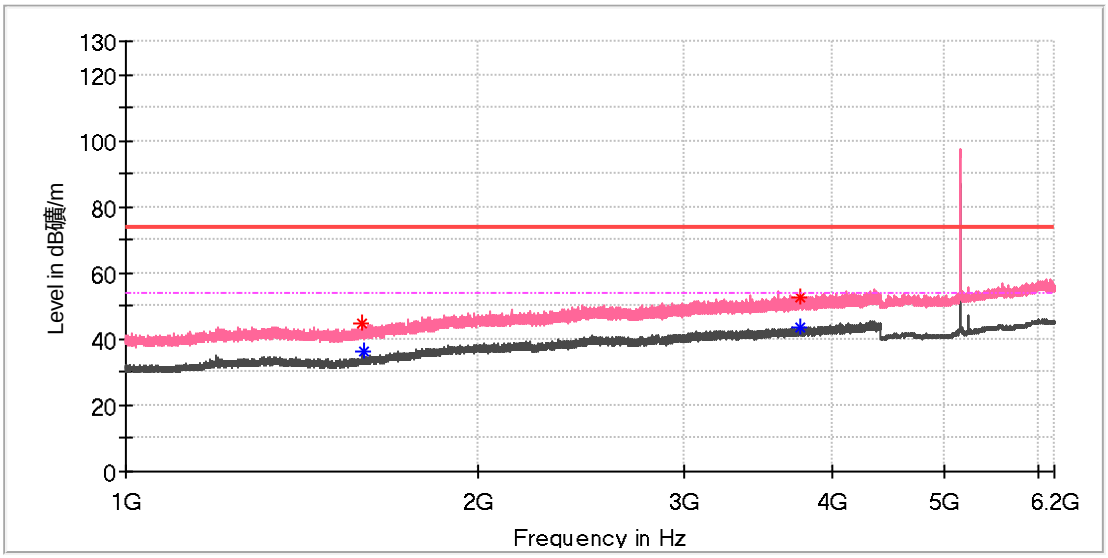
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1697.680000	44.94	---	74.00	29.06	100.0	H	0.0	3.3
1697.680000	---	35.84	54.00	18.16	100.0	H	0.0	3.3
3717.280000	53.03	---	74.00	20.97	100.0	H	347.0	9.6
3731.560000	---	43.17	54.00	10.83	100.0	H	129.0	9.6

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 Mavic 3M
Model:	M3M
Test Mode:	SDR 5.2G_10M_5156MHz
Order No/Sample No:	168379672/A003350286-007
Test Voltage::	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

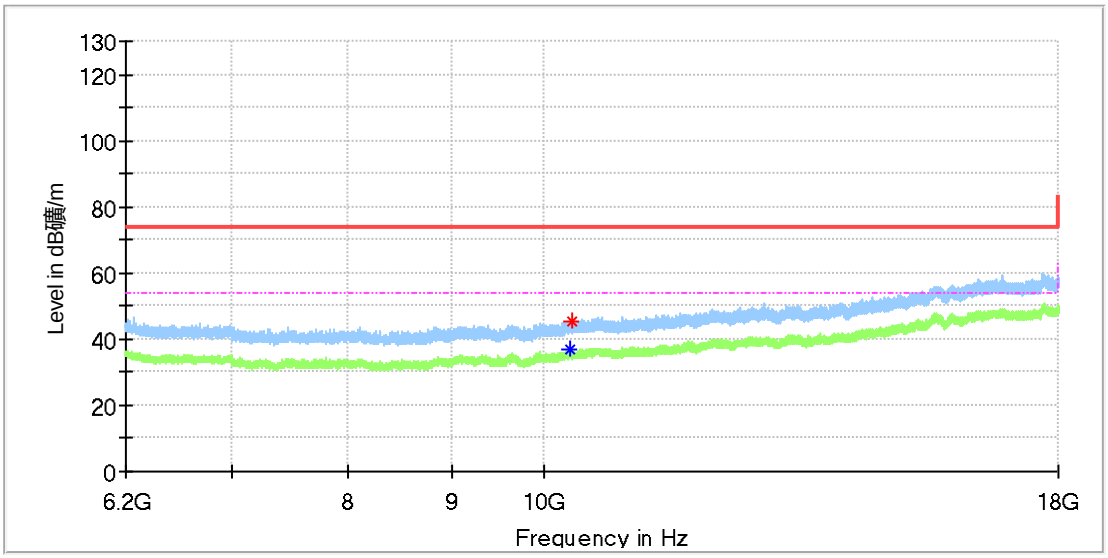
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1593.300000	44.47	---	74.00	29.53	100.0	V	105.0	2.0
1593.640000	---	36.48	54.00	17.52	100.0	V	105.0	2.0
3760.290000	---	43.57	54.00	10.43	100.0	V	192.0	9.7
3768.110000	52.69	---	74.00	21.31	100.0	V	171.0	9.7

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 Mavic 3M
Model:	M3M
Test Mode:	SDR 5.2G_10M_5156MHz
Order No/Sample No:	168379672/A003350286-007
Test Voltage::	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

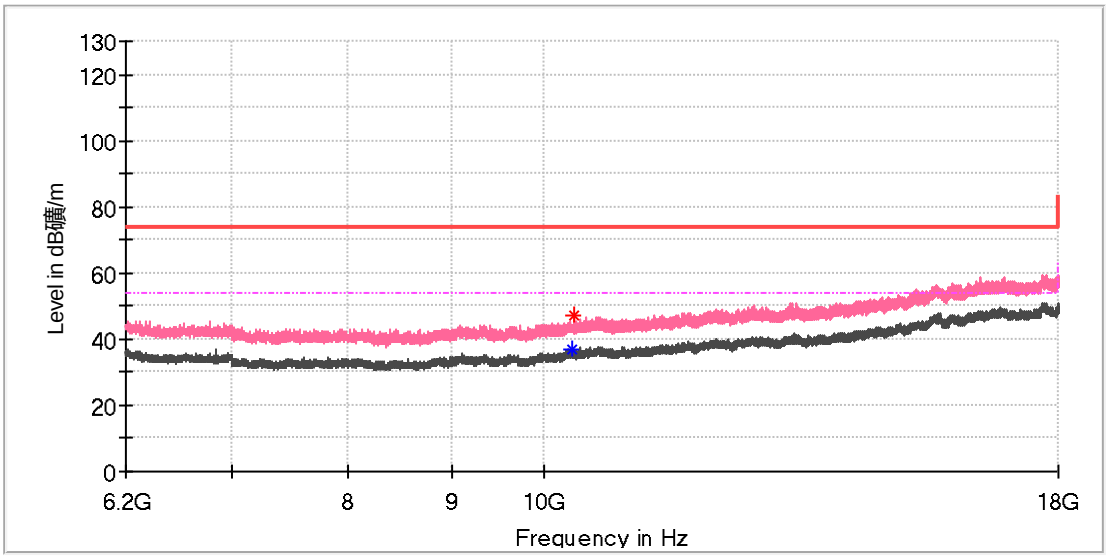
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
10294.600000	---	36.94	54.00	17.06	100.0	H	85.0	11.6
10329.508333	45.61	---	74.00	28.39	100.0	H	125.0	11.7

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 Mavic 3M
Model:	M3M
Test Mode:	SDR 5.2G_10M_5156MHz
Order No/Sample No:	168379672/A003350286-007
Test Voltage::	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

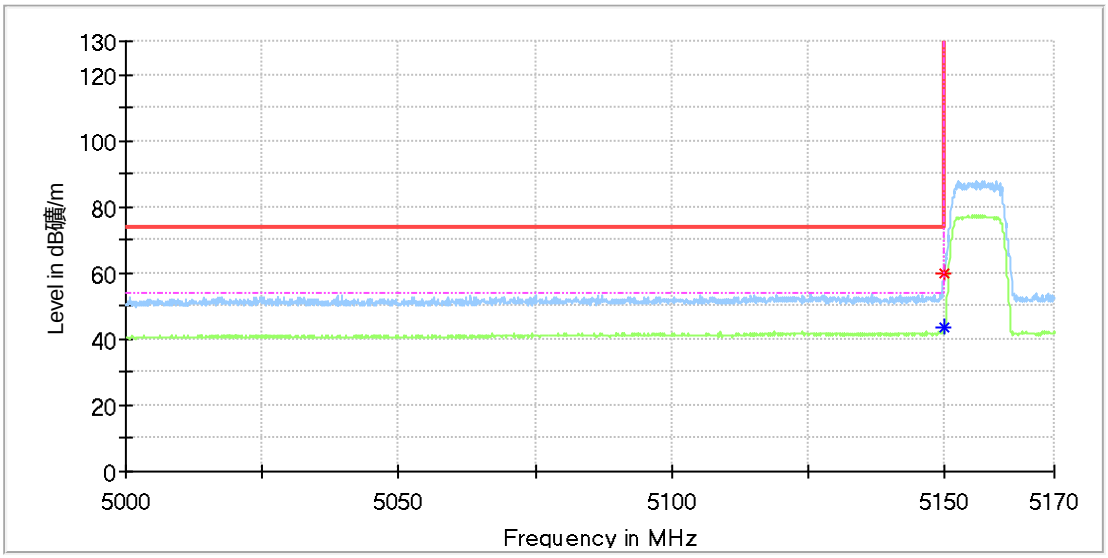
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
10315.250000	---	36.80	54.00	17.20	100.0	V	6.0	11.6
10344.750000	47.27	---	74.00	26.73	100.0	V	110.0	11.7

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 Mavic 3M
Model:	M3M
Test Mode:	SDR 5.2G_10M_5156MHz
Order No/Sample No:	168379672/A003350286-007
Test Voltage::	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

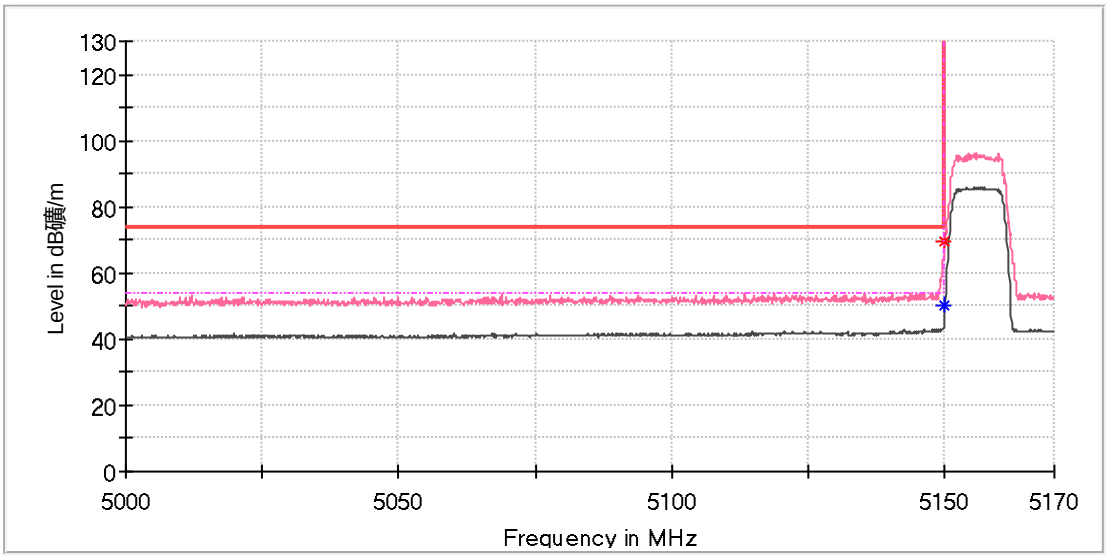
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5149.955556	---	43.33	54.00	10.67	100.0	H	320.0	12.4
5149.955556	59.89	---	74.00	14.11	100.0	H	320.0	12.4

Final_Result

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

EUT Information

EUT Name:	DJI Mavic 3M
Model:	M3M
Test Mode:	SDR 5.2G_10M_5156MHz
Order No/Sample No:	168379672/A003350286-007
Test Voltage::	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

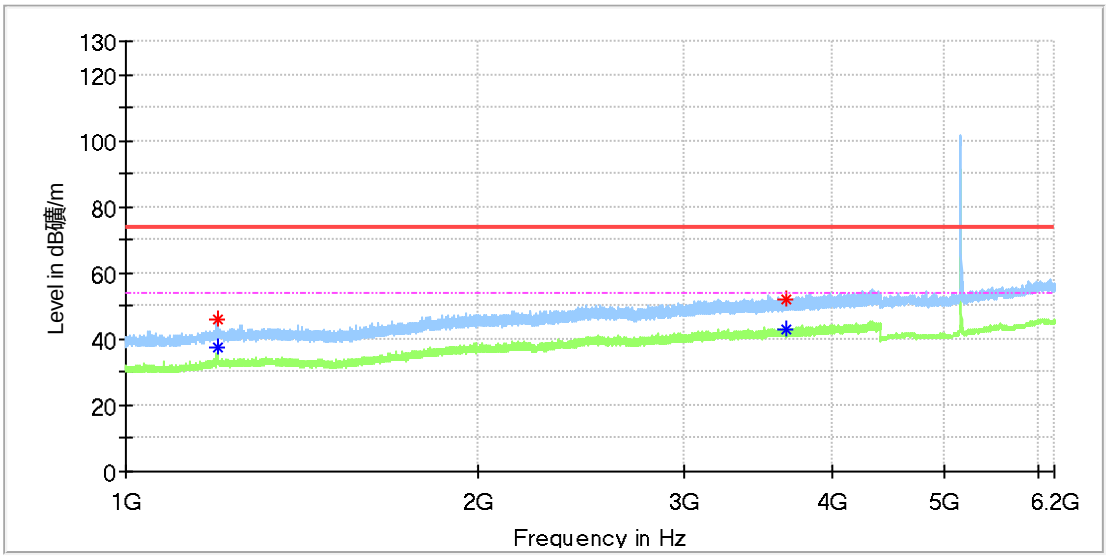
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5150.000000	---	50.49	54.00	3.51	100.0	V	9.0	12.4
5150.000000	69.42	---	74.00	4.58	100.0	V	9.0	12.4

Final_Result

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

EUT Information

EUT Name:	DJI Mavic 3M
Model:	M3M
Test Mode:	SDR 5.2G_10M_5157MHz
Order No/Sample No:	168379672/A003350286-007
Test Voltage::	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

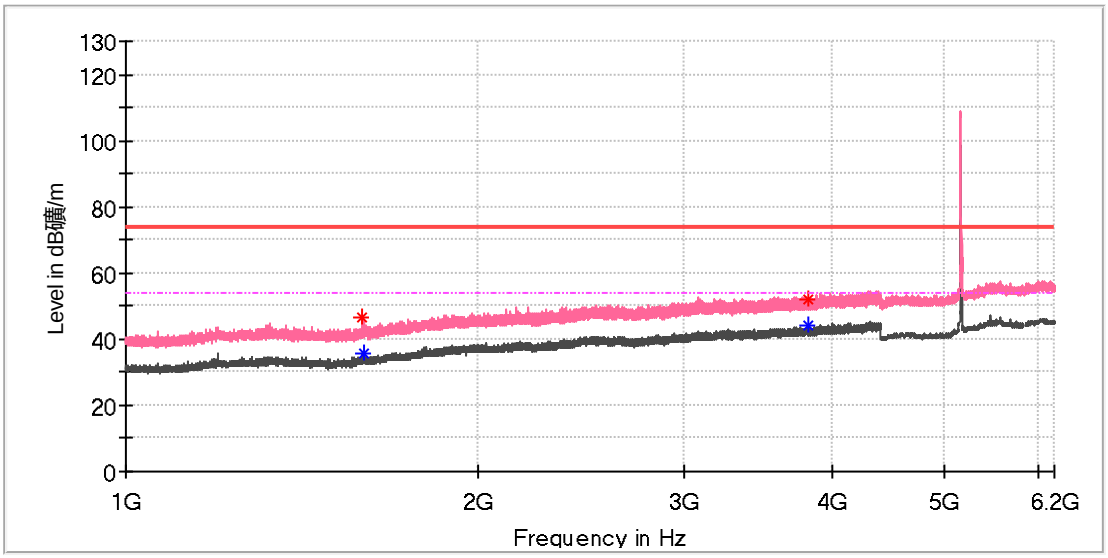
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1196.180000	---	37.31	54.00	16.69	100.0	H	147.0	1.1
1197.200000	46.22	---	74.00	27.78	100.0	H	147.0	1.1
3654.720000	52.24	---	74.00	21.76	100.0	H	60.0	9.4
3657.440000	---	43.20	54.00	10.80	100.0	H	201.0	9.4

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 Mavic 3M
Model:	M3M
Test Mode:	SDR 5.2G_10M_5157MHz
Order No/Sample No:	168379672/A003350286-007
Test Voltage::	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

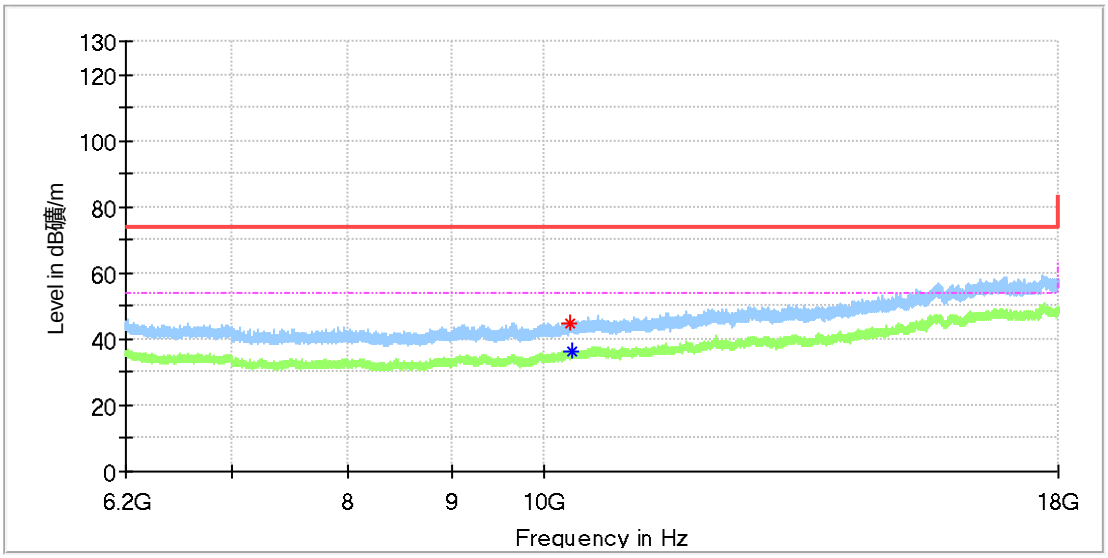
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1592.960000	46.41	---	74.00	27.59	100.0	V	281.0	2.0
1596.190000	---	35.96	54.00	18.04	100.0	V	292.0	2.0
3817.750000	51.99	---	74.00	22.01	100.0	V	49.0	9.9
3829.480000	---	43.98	54.00	10.02	100.0	V	353.0	9.9

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 Mavic 3M
Model:	M3M
Test Mode:	SDR 5.2G_10M_5157MHz
Order No/Sample No:	168379672/A003350286-007
Test Voltage::	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

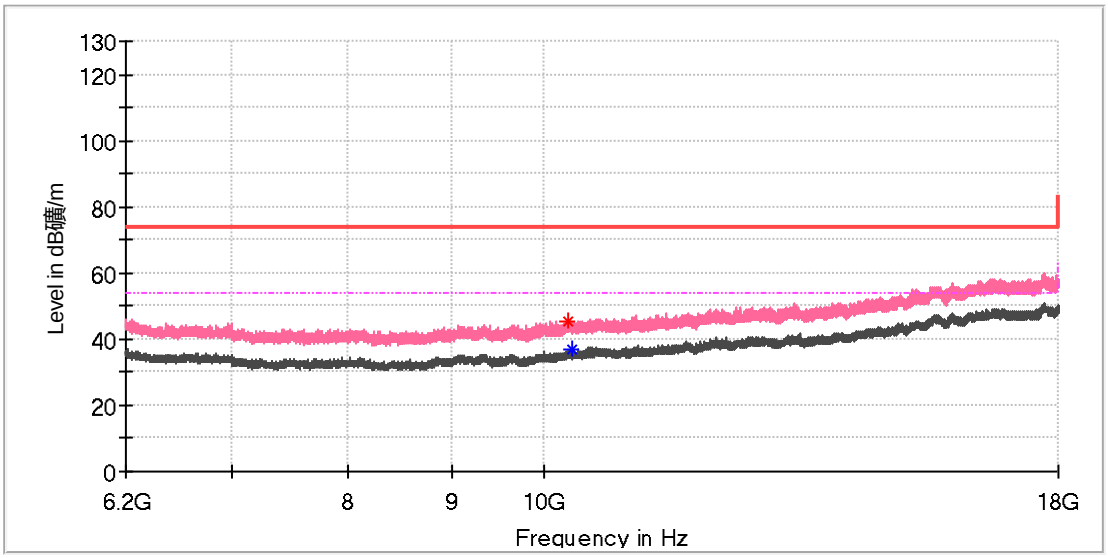
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
10309.350000	45.03	---	74.00	28.97	100.0	H	226.0	11.6
10314.266667	---	36.46	54.00	17.54	100.0	H	287.0	11.6

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 Mavic 3M
Model:	M3M
Test Mode:	SDR 5.2G_10M_5157MHz
Order No/Sample No:	168379672/A003350286-007
Test Voltage::	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
10282.800000	45.55	---	74.00	28.45	100.0	V	99.0	11.5
10324.100000	---	36.96	54.00	17.04	100.0	V	28.0	11.7

Final_Result

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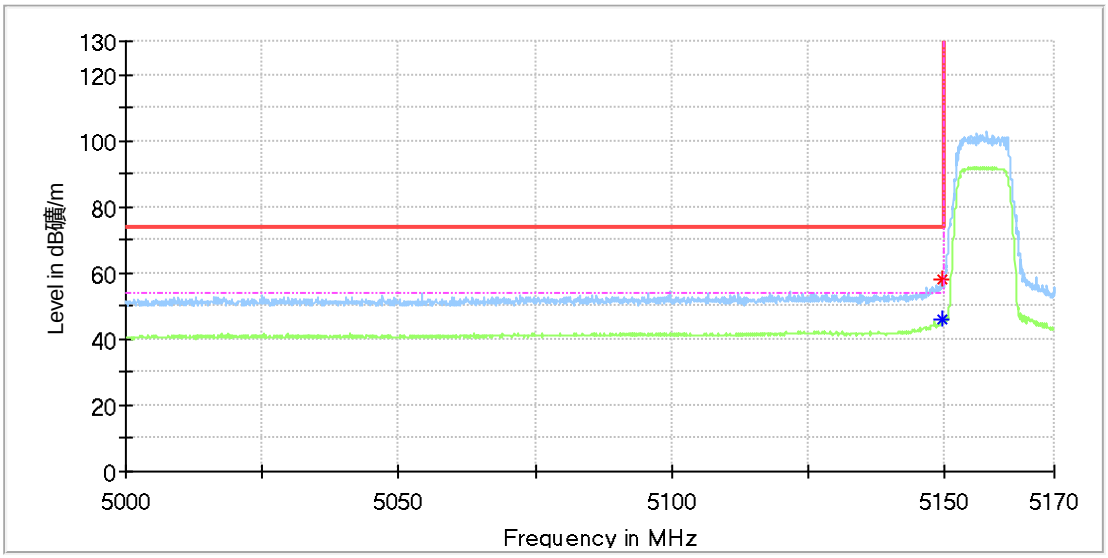
EUT Information

EUT Name:	DJI Mavic 3M
Model:	M3M
Test Mode:	SDR 5.2G_10M_5157MHz
Order No/Sample No:	168379672/A003350286-007
Test Voltage::	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

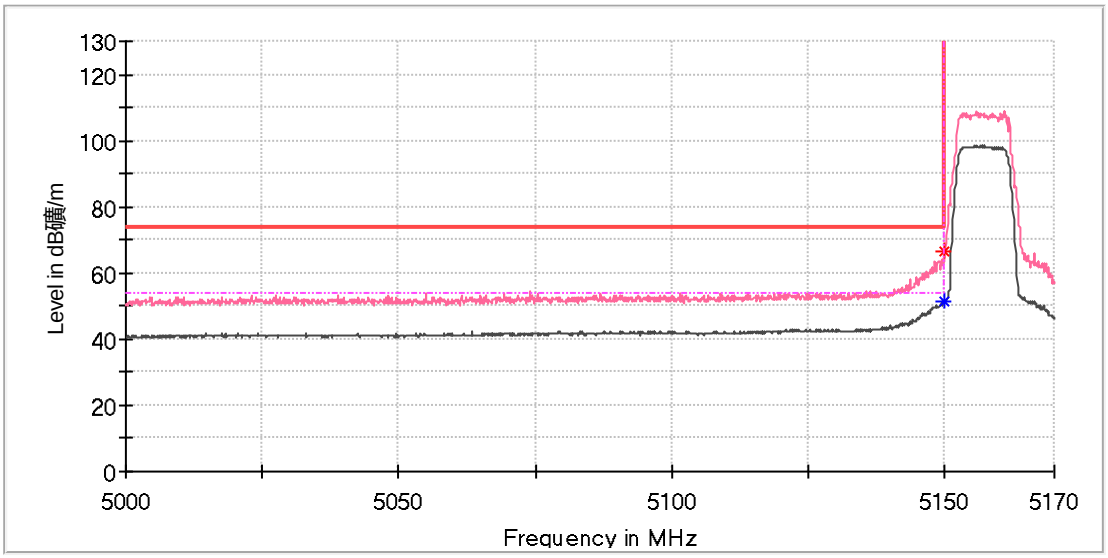
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5149.488889	57.76	---	74.00	16.24	100.0	H	99.0	12.4
5149.644445	---	46.19	54.00	7.81	100.0	H	99.0	12.4

Final_Result

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

EUT Information

EUT Name:	DJI Mavic 3M
Model:	M3M
Test Mode:	SDR 5.2G_10M_5157MHz
Order No/Sample No:	168379672/A003350286-007
Test Voltage::	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
5149.777778	---	51.50	54.00	2.50	100.0	V	1.0	12.4
5150.000000	66.62	---	74.00	7.39	100.0	V	189.0	12.4

Final_Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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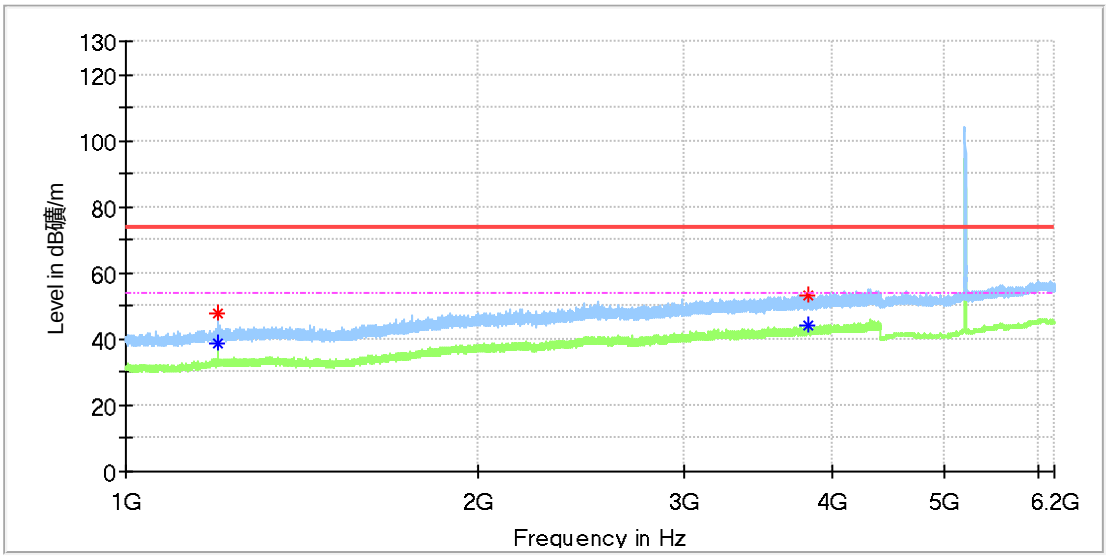
EUT Information

EUT Name:	DJI Mavic 3M
Model:	M3M
Test Mode:	SDR 5.2G_10M_5200MHz
Order No/Sample No:	168379672/A003350286-007
Test Voltage::	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
1197.540000	47.84	---	74.00	26.16	100.0	H	153.0	1.1
1197.540000	---	38.52	54.00	15.48	100.0	H	153.0	1.1
3820.130000	53.43	---	74.00	20.57	100.0	H	197.0	9.9
3826.930000	---	44.05	54.00	9.95	100.0	H	185.0	9.9

Final_Result

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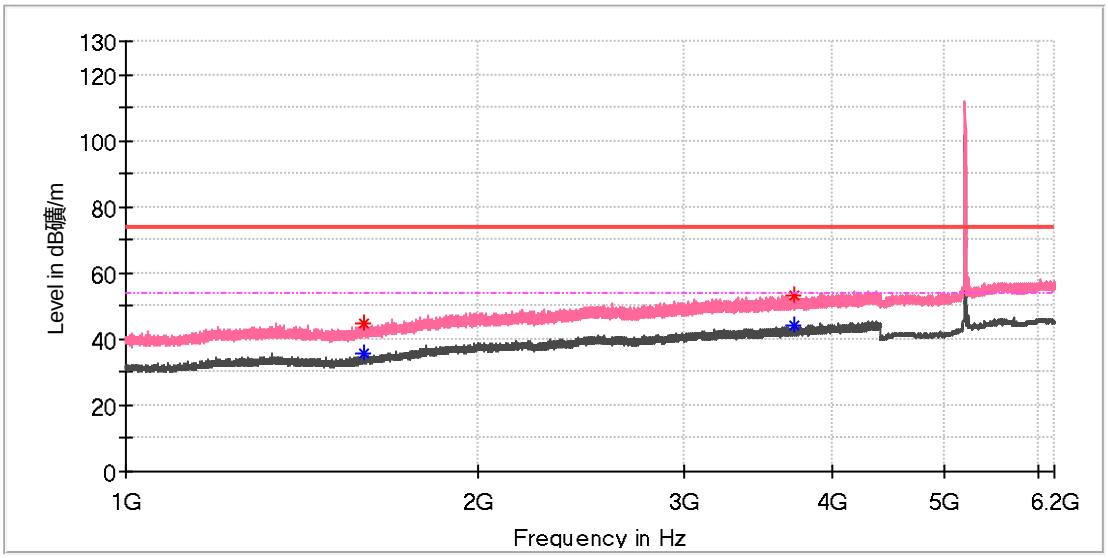
EUT Information

EUT Name:	DJI Mavic 3M
Model:	M3M
Test Mode:	SDR 5.2G_10M_5200MHz
Order No/Sample No:	168379672/A003350286-007
Test Voltage::	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
1596.190000	---	35.67	54.00	18.33	100.0	V	285.0	2.0
1598.910000	44.87	---	74.00	29.13	100.0	V	285.0	2.1
3719.320000	53.04	---	74.00	20.96	100.0	V	241.0	9.6
3721.020000	---	44.01	54.00	9.99	100.0	V	274.0	9.6

Final_Result

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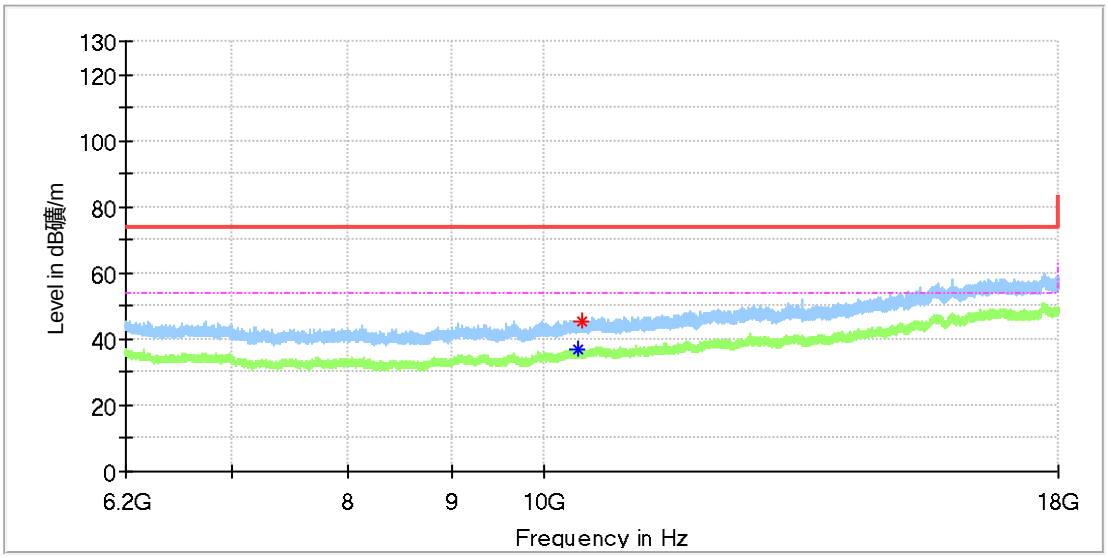
EUT Information

EUT Name:	DJI Mavic 3M
Model:	M3M
Test Mode:	SDR 5.2G_10M_5200MHz
Order No/Sample No:	168379672/A003350286-007
Test Voltage::	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
10401.783333	---	36.64	54.00	17.36	100.0	H	120.0	11.9
10435.708333	45.31	---	74.00	28.69	100.0	H	311.0	11.9

Final_Result

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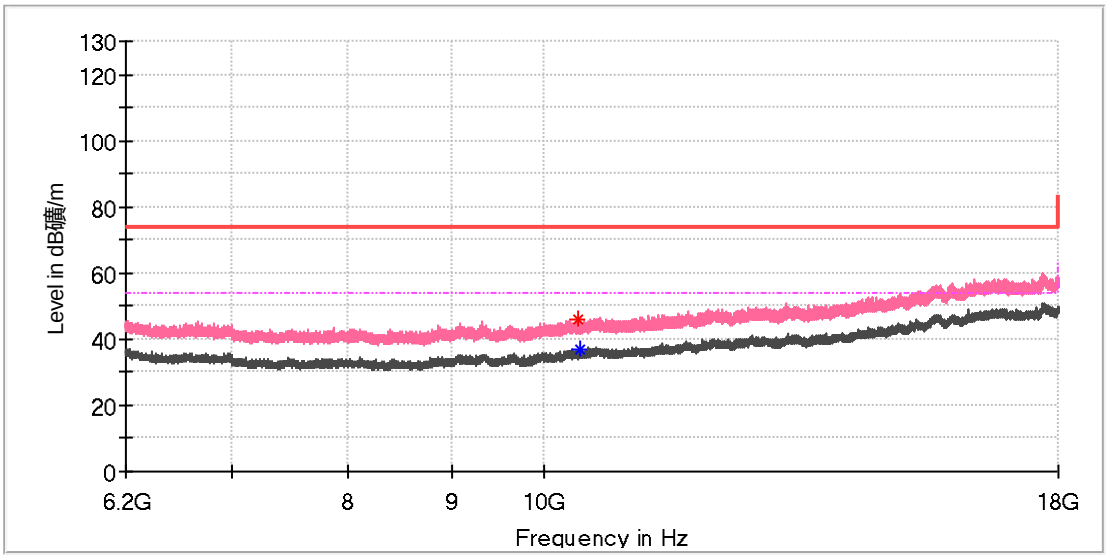
EUT Information

EUT Name:	DJI Mavic 3M
Model:	M3M
Test Mode:	SDR 5.2G_10M_5200MHz
Order No/Sample No:	168379672/A003350286-007
Test Voltage::	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
10392.441667	45.73	---	74.00	28.27	100.0	V	44.0	11.9
10423.416667	---	36.99	54.00	17.01	100.0	V	92.0	11.9

Final_Result

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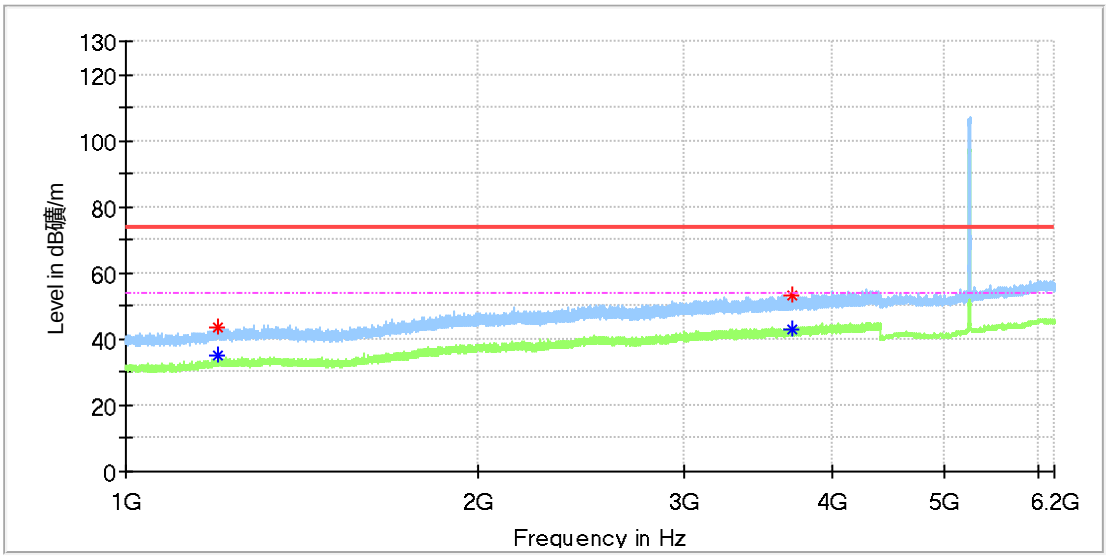
EUT Information

EUT Name:	DJI Mavic 3M
Model:	M3M
Test Mode:	SDR 5.2G_10M_5245MHz
Order No/Sample No:	168379672/A003350286-007
Test Voltage::	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
1198.390000	43.36	---	74.00	30.64	100.0	H	73.0	1.1
1199.410000	---	35.09	54.00	18.91	100.0	H	73.0	1.1
3705.890000	---	43.21	54.00	10.79	100.0	H	93.0	9.6
3707.930000	53.47	---	74.00	20.53	100.0	H	33.0	9.6

Final_Result

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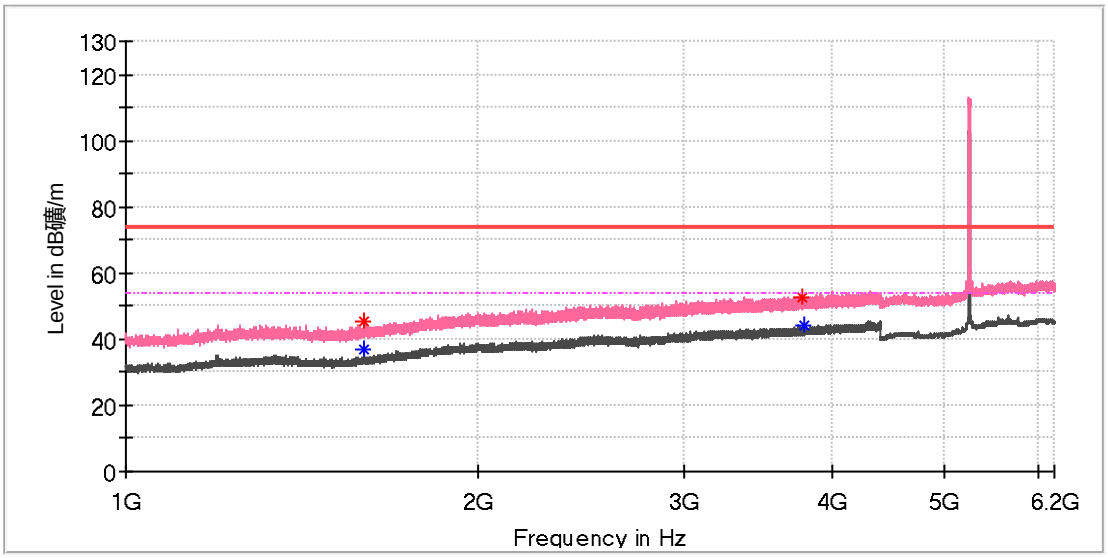
EUT Information

EUT Name:	DJI Mavic 3M
Model:	M3M
Test Mode:	SDR 5.2G_10M_5245MHz
Order No/Sample No:	168379672/A003350286-007
Test Voltage::	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

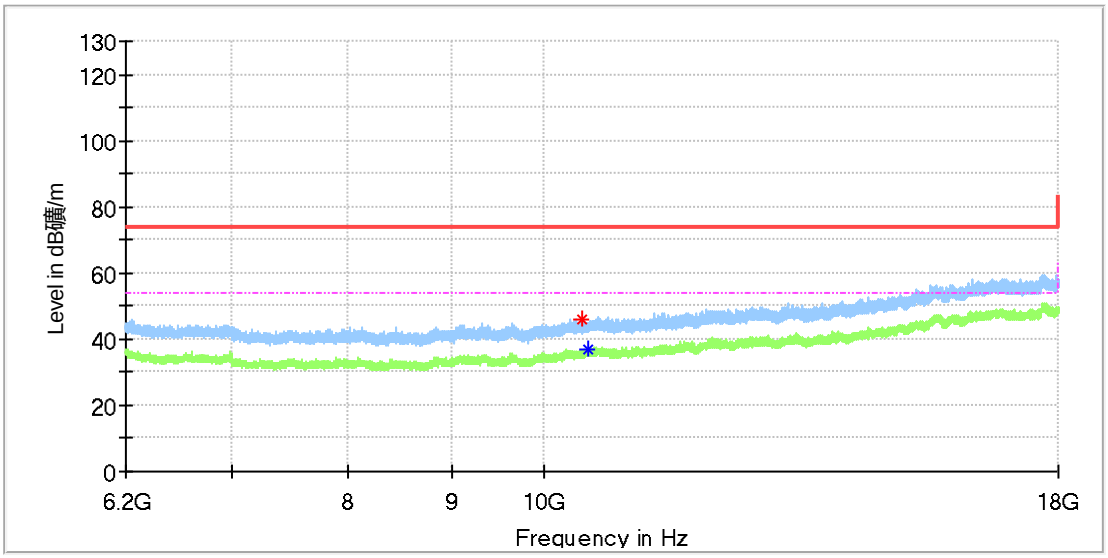
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1594.320000	---	36.94	54.00	17.06	100.0	V	91.0	2.0
1595.510000	45.23	---	74.00	28.77	100.0	V	81.0	2.0
3780.690000	52.61	---	74.00	21.39	100.0	V	10.0	9.8
3786.130000	---	44.43	54.00	9.57	100.0	V	207.0	9.8

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 Mavic 3M
Model:	M3M
Test Mode:	SDR 5.2G_10M_5245MHz
Order No/Sample No:	168379672/A003350286-007
Test Voltage::	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

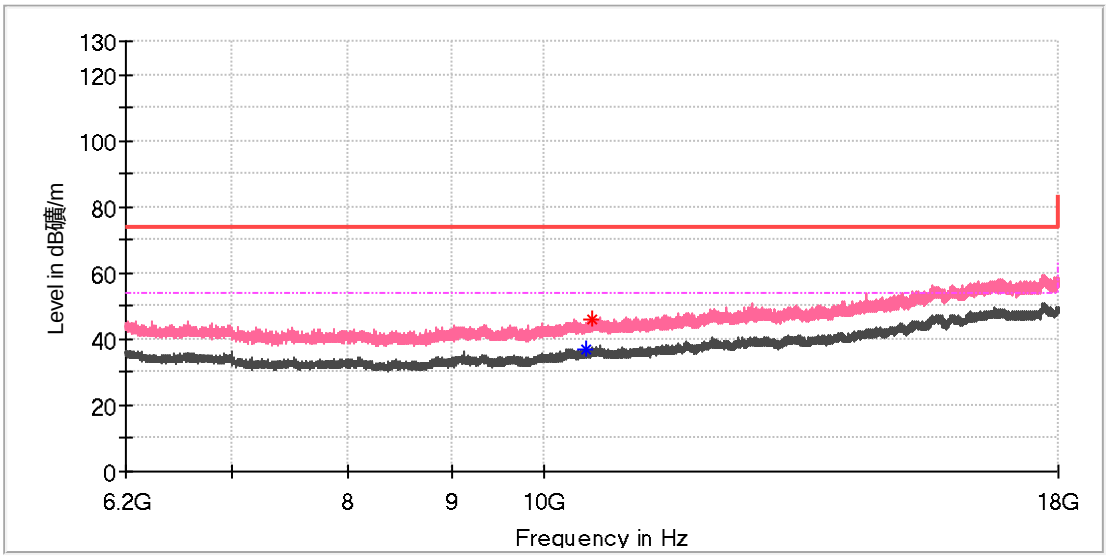
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
10438.658333	45.96	---	74.00	28.04	100.0	H	238.0	11.9
10504.050000	---	36.77	54.00	17.23	100.0	H	190.0	12.0

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 Mavic 3M
Model:	M3M
Test Mode:	SDR 5.2G_10M_5245MHz
Order No/Sample No:	168379672/A003350286-007
Test Voltage::	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

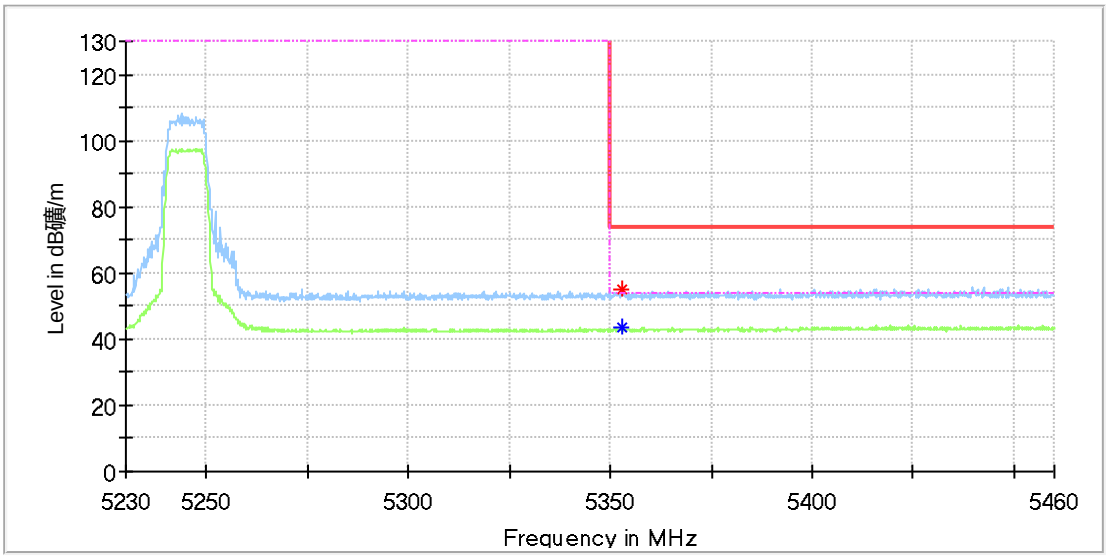
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
10484.383333	---	36.96	54.00	17.04	100.0	V	142.0	12.0
10552.725000	46.01	---	74.00	27.99	100.0	V	359.0	12.0

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 Mavic 3M
Model:	M3M
Test Mode:	SDR 5.2G_10M_5245MHz
Order No/Sample No:	168379672/A003350286-007
Test Voltage::	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

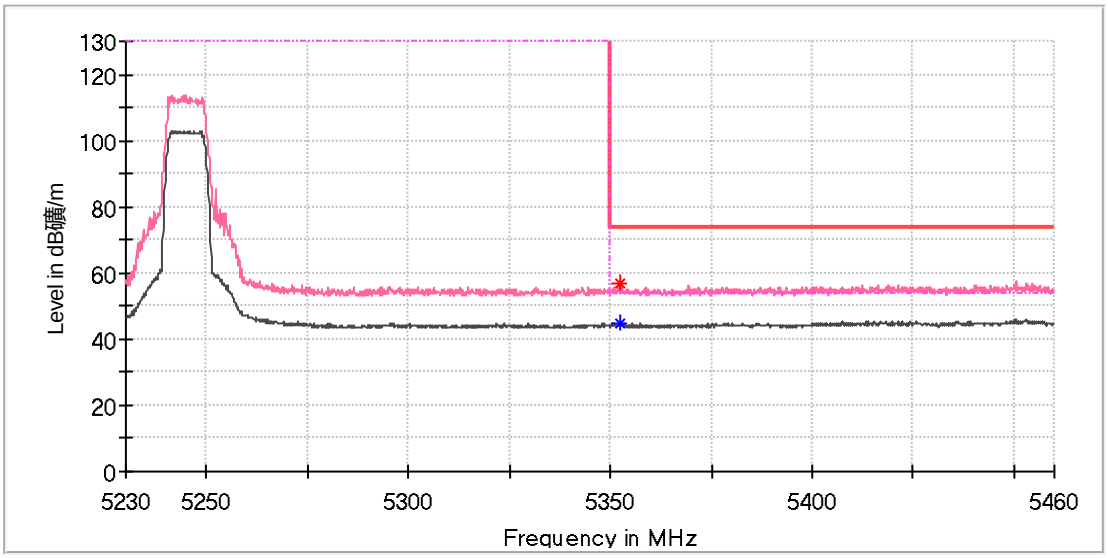
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5352.794445	54.95	---	74.00	19.05	100.0	H	277.0	13.3
5353.050000	---	43.32	54.00	10.68	100.0	H	290.0	13.3

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 Mavic 3M
Model:	M3M
Test Mode:	SDR 5.2G_10M_5245MHz
Order No/Sample No:	168379672/A003350286-007
Test Voltage::	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
5352.538889	56.80	---	74.00	17.20	100.0	V	78.0	13.3
5352.666667	---	44.51	54.00	9.49	100.0	V	246.0	13.3

Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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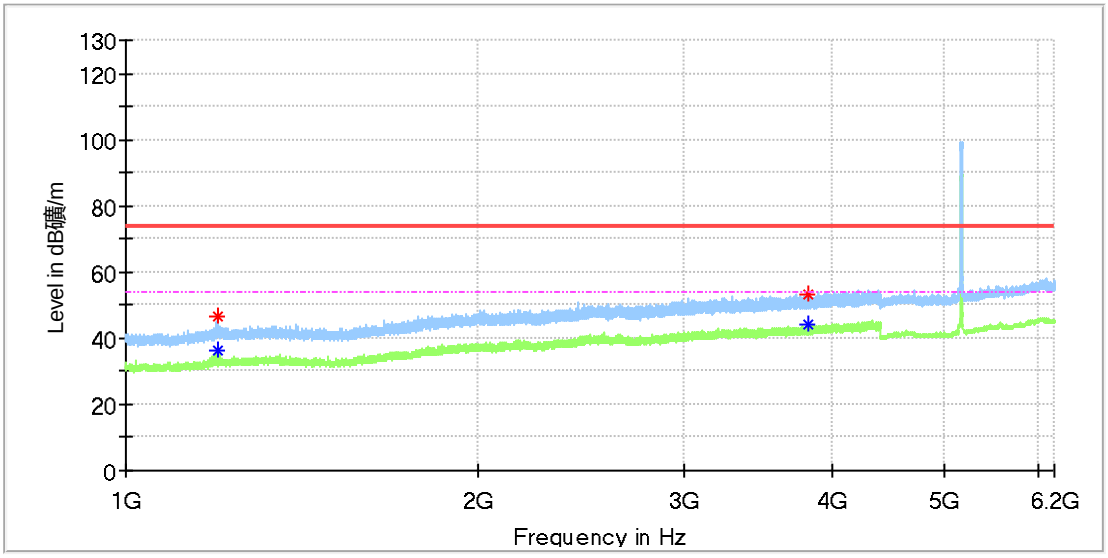
20MHz

EUT Information

EUT Name:	DJI Mavic 3M
Model:	M3M
Test Mode:	SDR 5.2G_20M_5161MHz
Order No/Sample No:	168379672/A003350286-007
Test Voltage::	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
1196.010000	---	36.42	54.00	17.58	100.0	H	173.0	1.1
1196.860000	46.37	---	74.00	27.63	100.0	H	173.0	1.1
3820.810000	53.06	---	74.00	20.94	100.0	H	3.0	9.9
3825.740000	---	43.89	54.00	10.11	100.0	H	77.0	9.9

Final_Result

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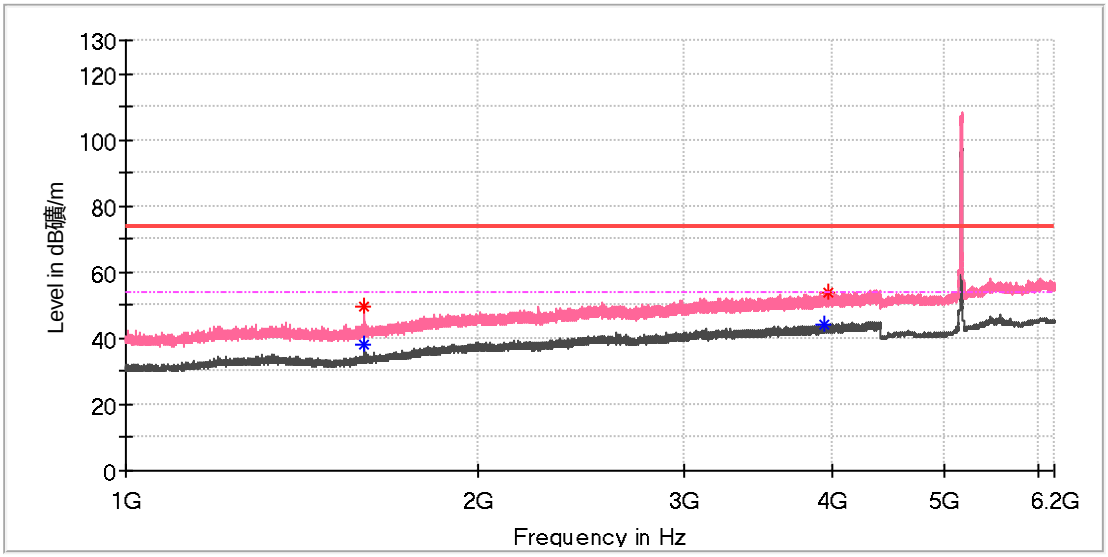
EUT Information

EUT Name:	DJI Mavic 3M
Model:	M3M
Test Mode:	SDR 5.2G_20M_5161MHz
Order No/Sample No:	168379672/A003350286-007
Test Voltage::	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

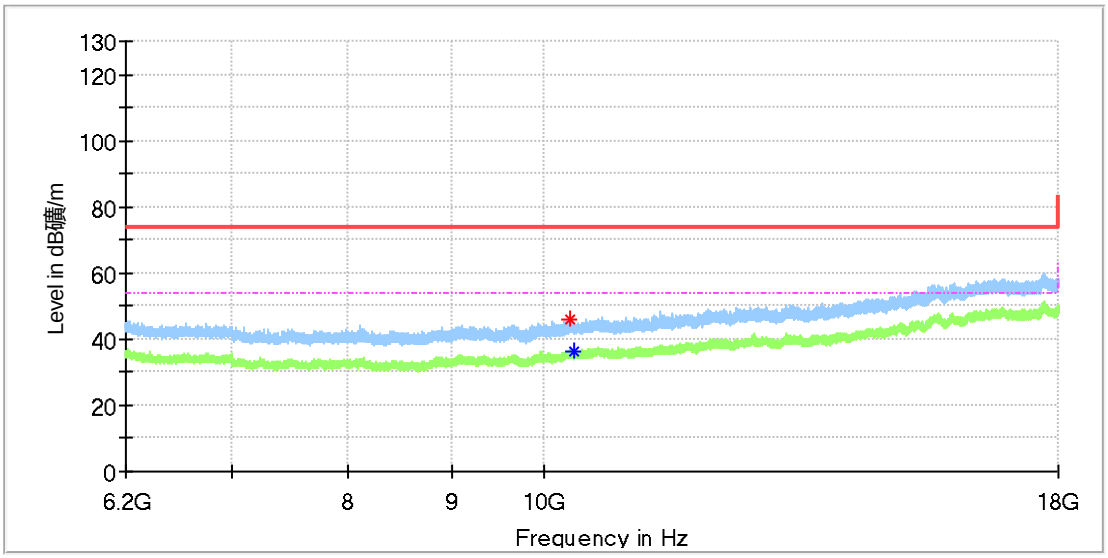
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1594.150000	---	38.17	54.00	15.83	100.0	V	298.0	2.0
1595.000000	49.60	---	74.00	24.40	100.0	V	288.0	2.0
3937.430000	---	44.25	54.00	9.75	100.0	V	37.0	10.1
3974.150000	54.05	---	74.00	19.95	100.0	V	132.0	10.1

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 Mavic 3M
Model:	M3M
Test Mode:	SDR 5.2G_20M_5161MHz
Order No/Sample No:	168379672/A003350286-007
Test Voltage::	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

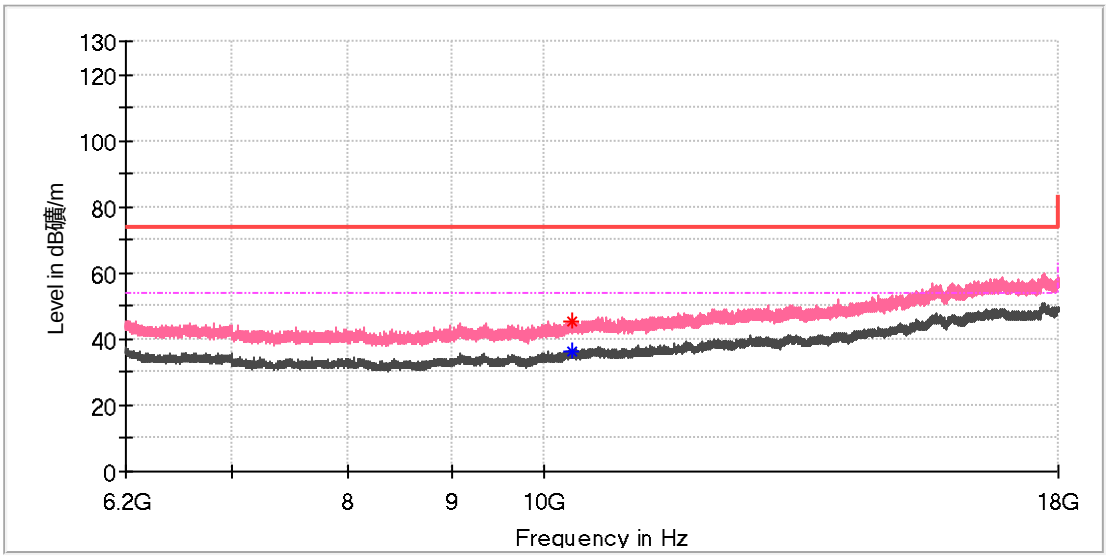
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
10311.316667	45.67	---	74.00	28.33	100.0	H	74.0	11.6
10345.241667	---	36.52	54.00	17.48	100.0	H	3.0	11.7

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 Mavic 3M
Model:	M3M
Test Mode:	SDR 5.2G_20M_5161MHz
Order No/Sample No:	168379672/A003350286-007
Test Voltage::	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
10329.016667	45.57	---	74.00	28.43	100.0	V	263.0	11.7
10330.983333	---	36.25	54.00	17.75	100.0	V	179.0	11.7

Final_Result

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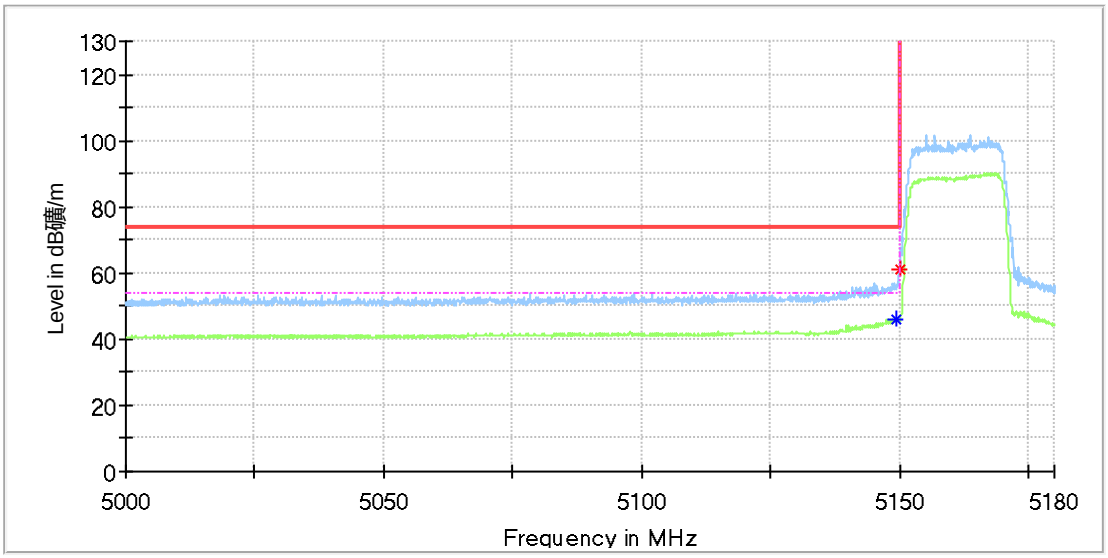
EUT Information

EUT Name:	DJI Mavic 3M
Model:	M3M
Test Mode:	SDR 5.2G_20M_5161MHz
Order No/Sample No:	168379672/A003350286-007
Test Voltage::	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
5149.333333	---	46.16	54.00	7.84	100.0	H	283.0	12.4
5149.955556	60.88	---	74.00	13.12	100.0	H	276.0	12.4

Final_Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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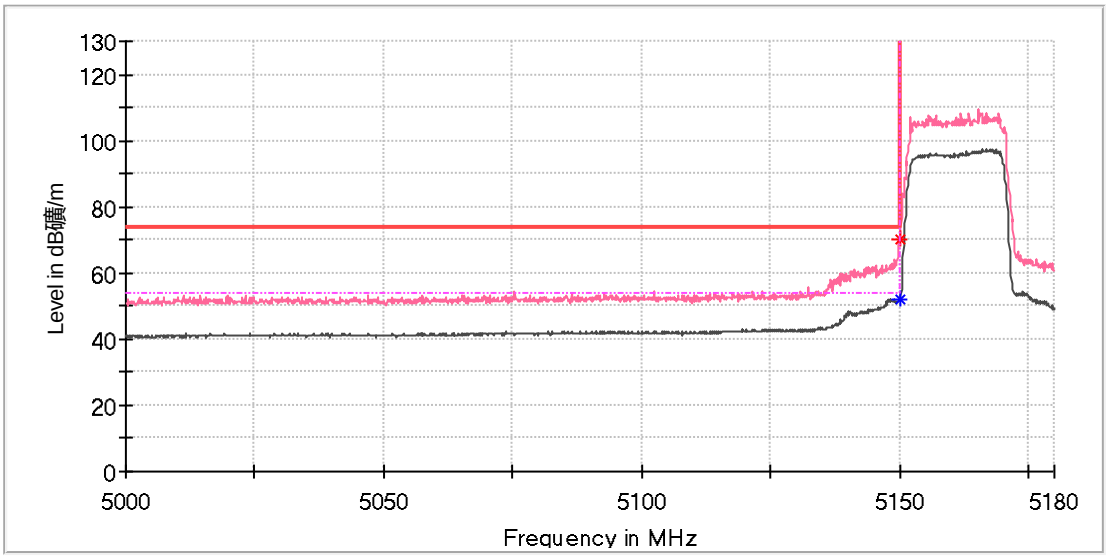
EUT Information

EUT Name:	DJI Mavic 3M
Model:	M3M
Test Mode:	SDR 5.2G_20M_5161MHz
Order No/Sample No:	168379672/A003350286-007
Test Voltage::	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
5150.000000	---	51.98	54.00	2.02	100.0	V	148.0	12.4
5150.000000	70.42	---	74.00	3.58	100.0	V	148.0	12.4

Final_Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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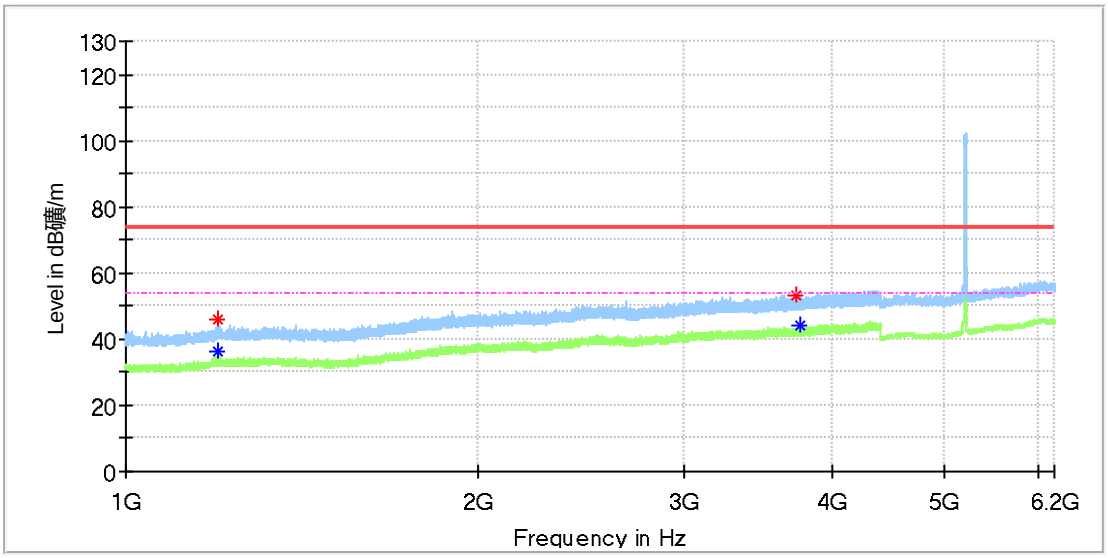
EUT Information

EUT Name:	DJI Mavic 3M
Model:	M3M
Test Mode:	SDR 5.2G_20M_5200MHz
Order No/Sample No:	168379672/A003350286-007
Test Voltage::	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
1199.240000	---	36.50	54.00	17.50	100.0	H	183.0	1.1
1199.410000	45.74	---	74.00	28.26	100.0	H	152.0	1.1
3727.990000	53.19	---	74.00	20.81	100.0	H	358.0	9.6
3766.580000	---	44.37	54.00	9.63	100.0	H	270.0	9.7

Final_Result

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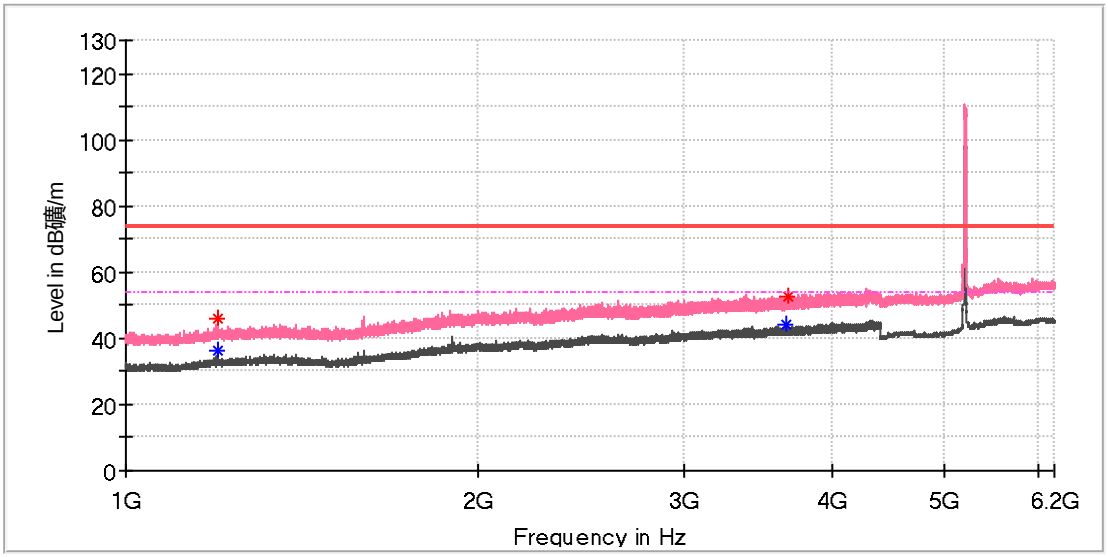
EUT Information

EUT Name:	DJI Mavic 3M
Model:	M3M
Test Mode:	SDR 5.2G_20M_5200MHz
Order No/Sample No:	168379672/A003350286-007
Test Voltage::	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
1197.200000	46.09	---	74.00	27.91	100.0	V	342.0	1.1
1197.200000	---	36.36	54.00	17.64	100.0	V	342.0	1.1
3667.470000	---	43.93	54.00	10.07	100.0	V	161.0	9.5
3669.170000	52.35	---	74.00	21.65	100.0	V	227.0	9.5

Final_Result

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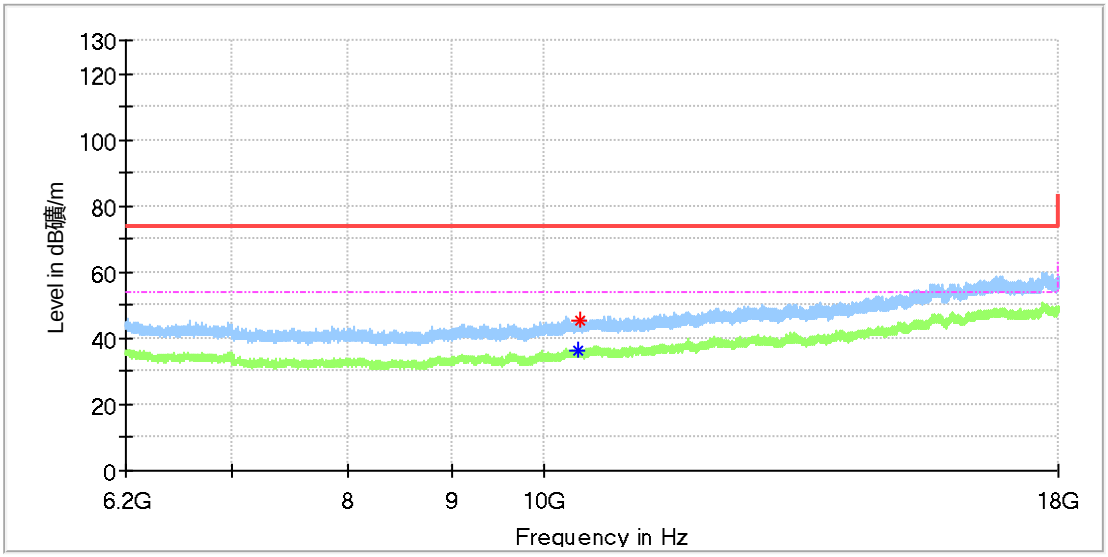
EUT Information

EUT Name:	DJI Mavic 3M
Model:	M3M
Test Mode:	SDR 5.2G_20M_5200MHz
Order No/Sample No:	168379672/A003350286-007
Test Voltage::	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
10402.766667	---	36.02	54.00	17.98	100.0	H	272.0	11.9
10418.500000	45.60	---	74.00	28.40	100.0	H	6.0	11.9

Final_Result

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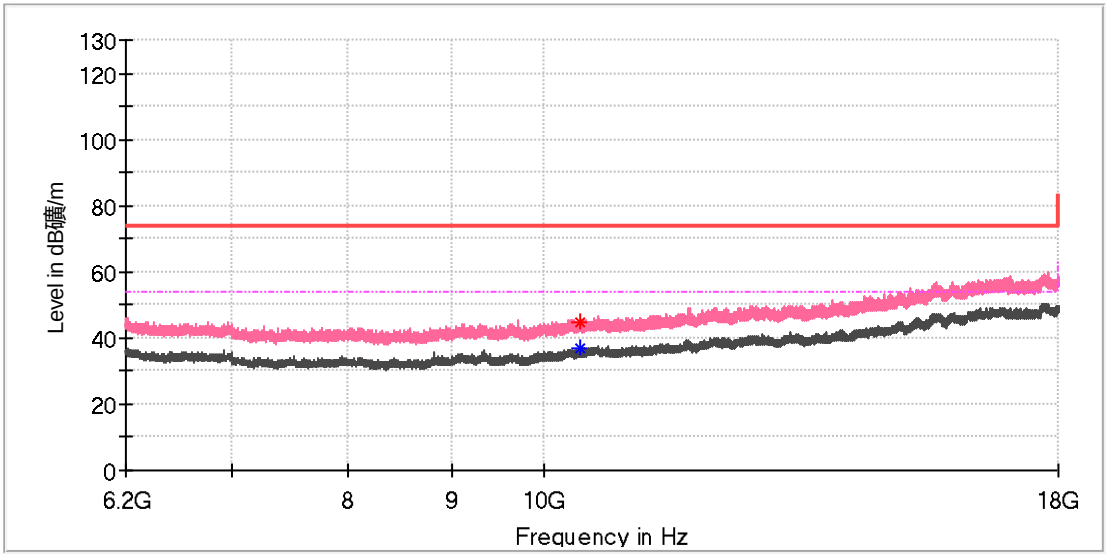
EUT Information

EUT Name:	DJI Mavic 3M
Model:	M3M
Test Mode:	SDR 5.2G_20M_5200MHz
Order No/Sample No:	168379672/A003350286-007
Test Voltage::	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
10409.158333	45.02	---	74.00	28.98	100.0	V	61.0	11.9
10410.633333	---	36.62	54.00	17.38	100.0	V	243.0	11.9

Final_Result

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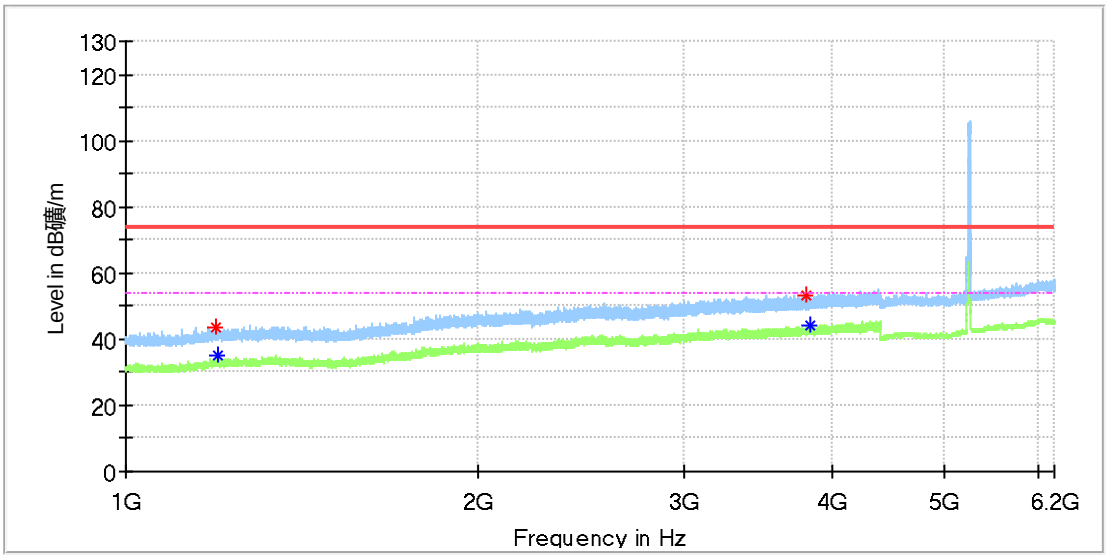
EUT Information

EUT Name:	DJI Mavic 3M
Model:	M3M
Test Mode:	SDR 5.2G_20M_5240MHz
Order No/Sample No:	168379672/A003350286-007
Test Voltage::	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
1195.670000	43.66	---	74.00	30.34	100.0	H	209.0	1.1
1198.220000	---	35.19	54.00	18.81	100.0	H	176.0	1.1
3813.160000	53.38	---	74.00	20.62	100.0	H	253.0	9.8
3833.220000	---	44.32	54.00	9.68	100.0	H	88.0	9.9

Final_Result

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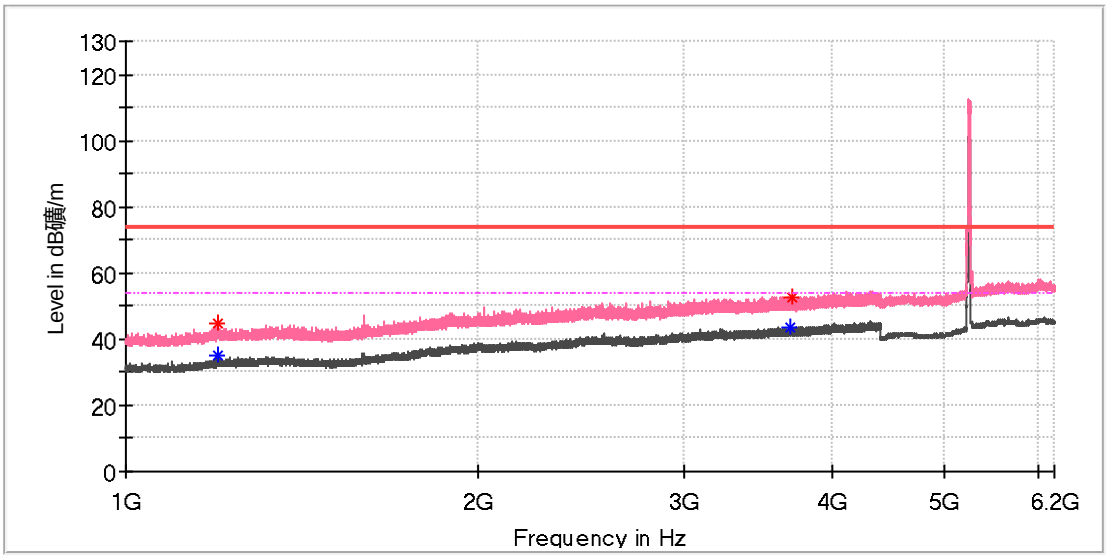
EUT Information

EUT Name:	DJI Mavic 3M
Model:	M3M
Test Mode:	SDR 5.2G_20M_5240MHz
Order No/Sample No:	168379672/A003350286-007
Test Voltage::	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

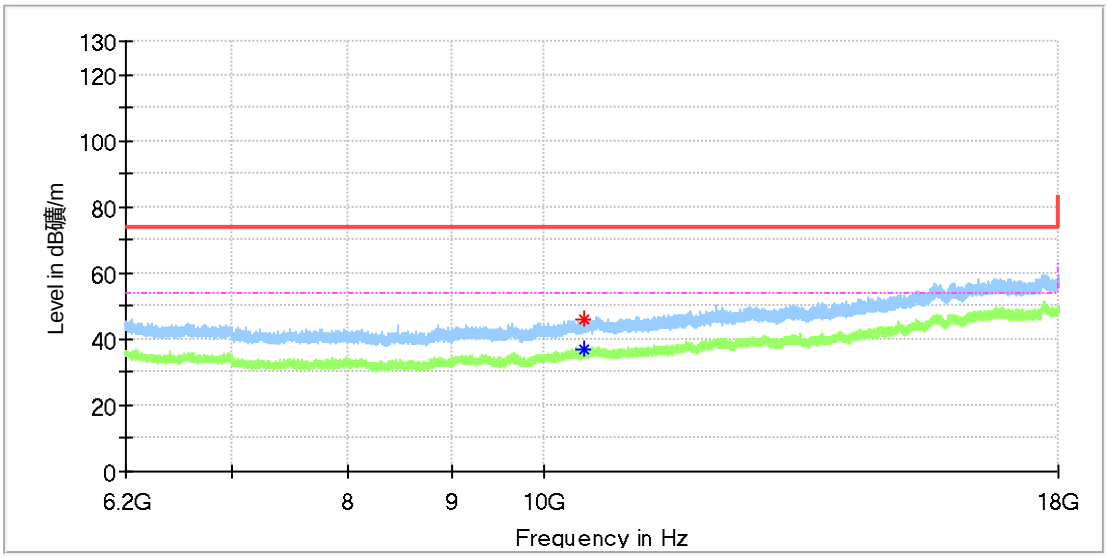
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1196.690000	---	35.11	54.00	18.89	100.0	V	0.0	1.1
1199.240000	44.76	---	74.00	29.24	100.0	V	0.0	1.1
3693.310000	---	43.70	54.00	10.30	100.0	V	0.0	9.6
3697.560000	52.42	---	74.00	21.58	100.0	V	0.0	9.6

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 Mavic 3M
Model:	M3M
Test Mode:	SDR 5.2G_20M_5240MHz
Order No/Sample No:	168379672/A003350286-007
Test Voltage::	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
10461.766667	45.82	---	74.00	28.18	100.0	H	47.0	12.0
10466.683333	---	37.09	54.00	16.91	100.0	H	257.0	12.0

Final_Result

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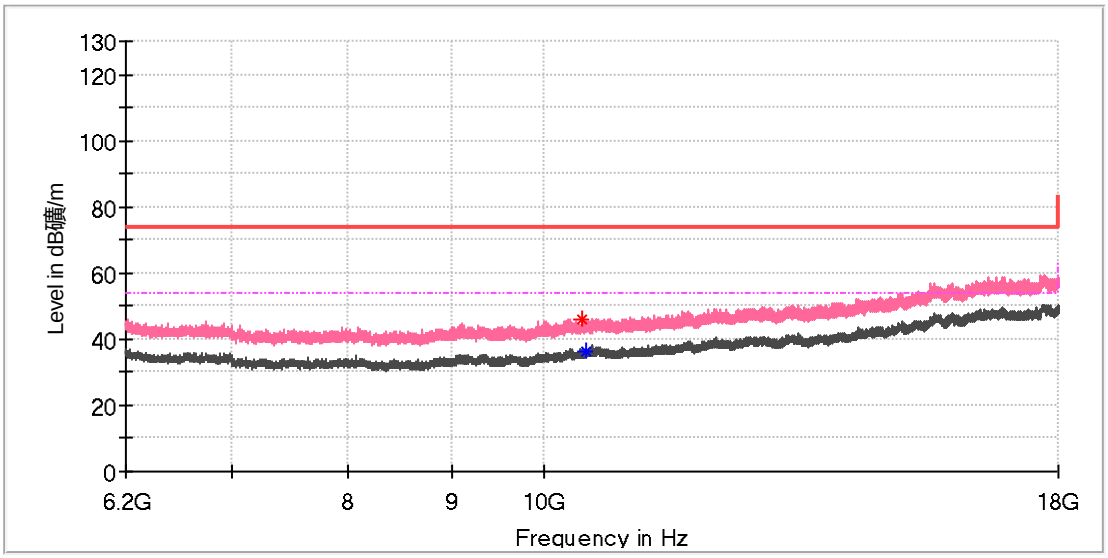
EUT Information

EUT Name:	DJI Mavic 3M
Model:	M3M
Test Mode:	SDR 5.2G_20M_5240MHz
Order No/Sample No:	168379672/A003350286-007
Test Voltage::	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
10442.591667	46.02	---	74.00	27.98	100.0	V	267.0	11.9
10483.400000	---	36.55	54.00	17.45	100.0	V	3.0	12.0

Final_Result

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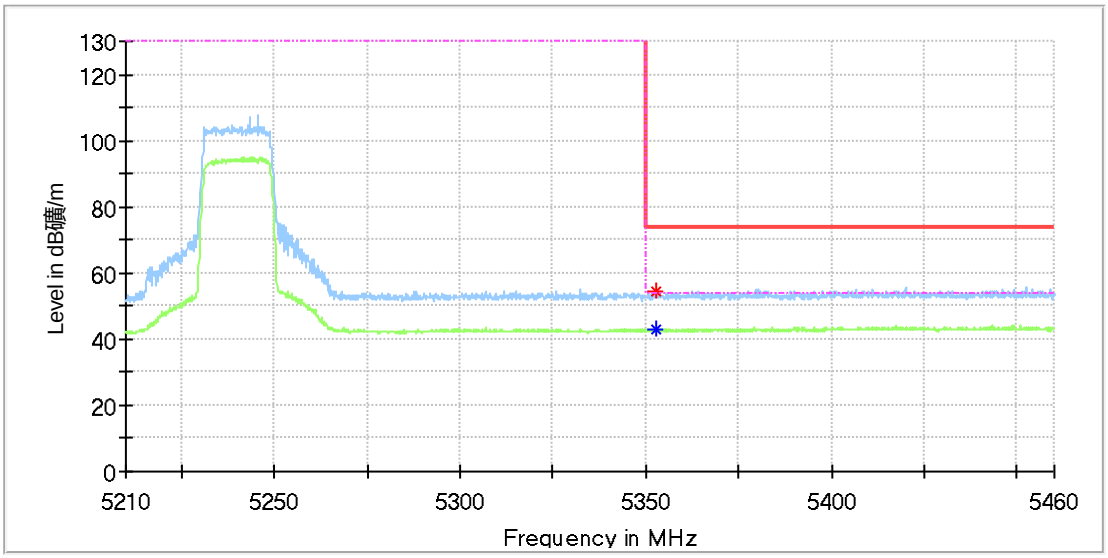
EUT Information

EUT Name:	DJI Mavic 3M
Model:	M3M
Test Mode:	SDR 5.2G_20M_5240MHz
Order No/Sample No:	168379672/A003350286-007
Test Voltage::	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
5352.538889	---	43.22	54.00	10.78	100.0	H	358.0	13.3
5352.538889	54.13	---	74.00	19.87	100.0	H	358.0	13.3

Final_Result

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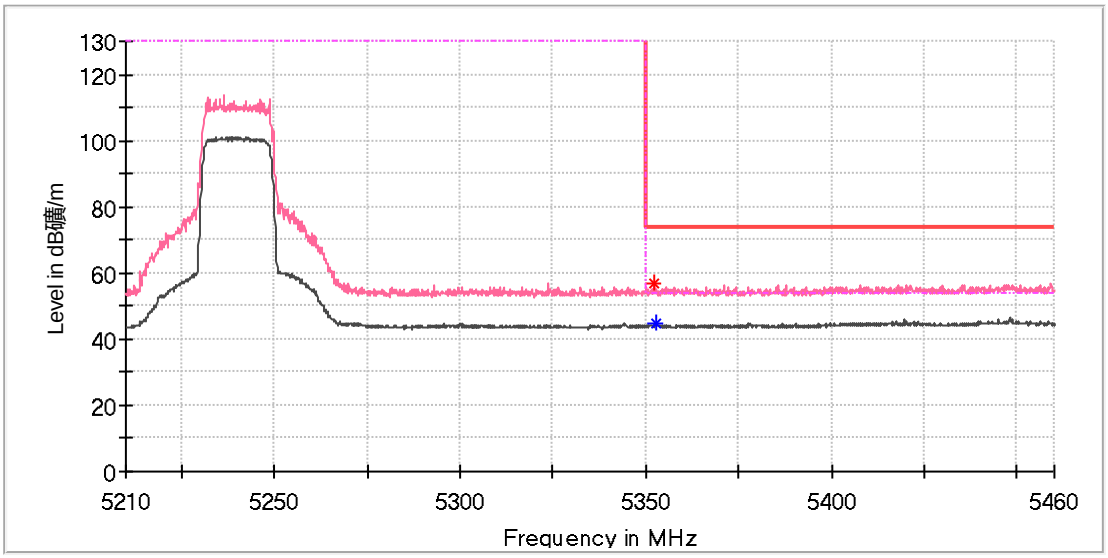
EUT Information

EUT Name:	DJI Mavic 3M
Model:	M3M
Test Mode:	SDR 5.2G_20M_5240MHz
Order No/Sample No:	168379672/A003350286-007
Test Voltage::	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
5352.283333	57.02	---	74.00	16.98	100.0	V	151.0	13.3
5352.794445	---	44.51	54.00	9.49	100.0	V	151.0	13.3

Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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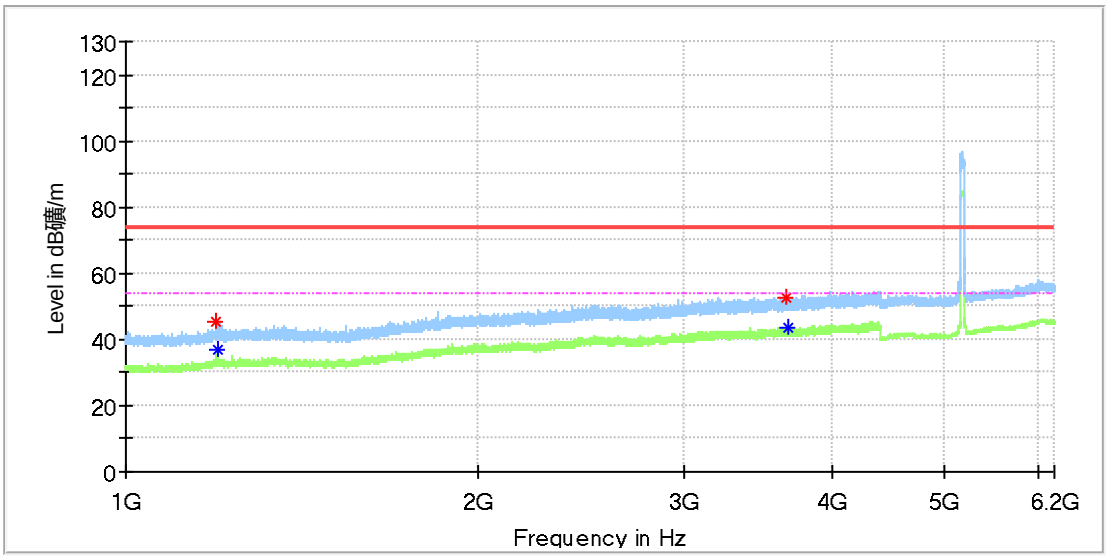
40MHz:

EUT Information

EUT Name:	DJI Mavic 3M
Model:	M3M
Test Mode:	SDR 5.2G_40M_5170MHz
Order No/Sample No:	168379672/A003350286-007
Test Voltage::	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
1195.840000	45.25	---	74.00	28.75	100.0	H	186.0	1.1
1198.050000	---	36.67	54.00	17.33	100.0	H	186.0	1.1
3660.500000	52.66	---	74.00	21.34	100.0	H	7.0	9.5
3669.510000	---	43.38	54.00	10.62	100.0	H	154.0	9.5

Final_Result

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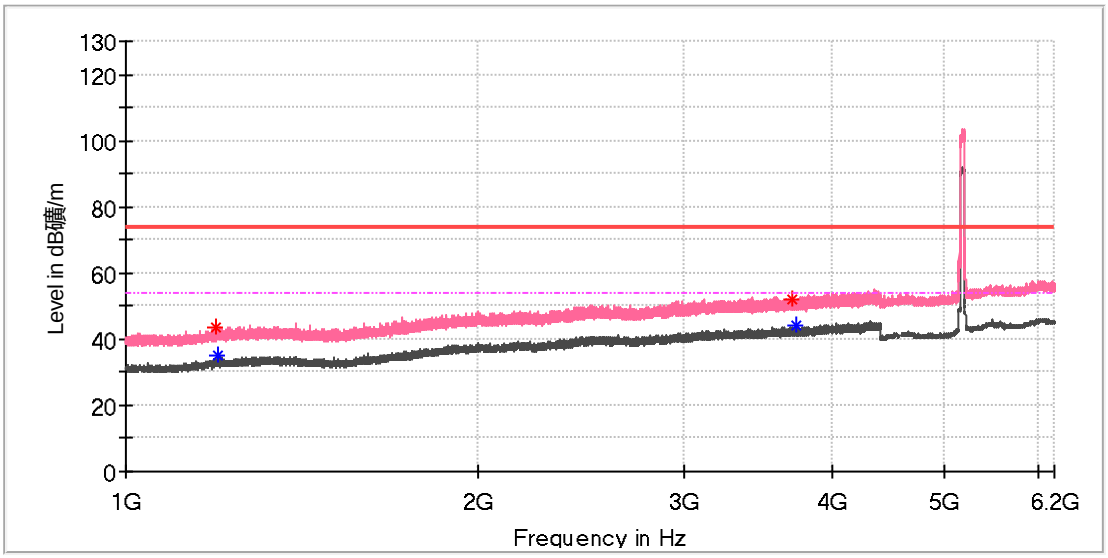
EUT Information

EUT Name:	DJI Mavic 3M
Model:	M3M
Test Mode:	SDR 5.2G_40M_5170MHz
Order No/Sample No:	168379672/A003350286-007
Test Voltage::	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

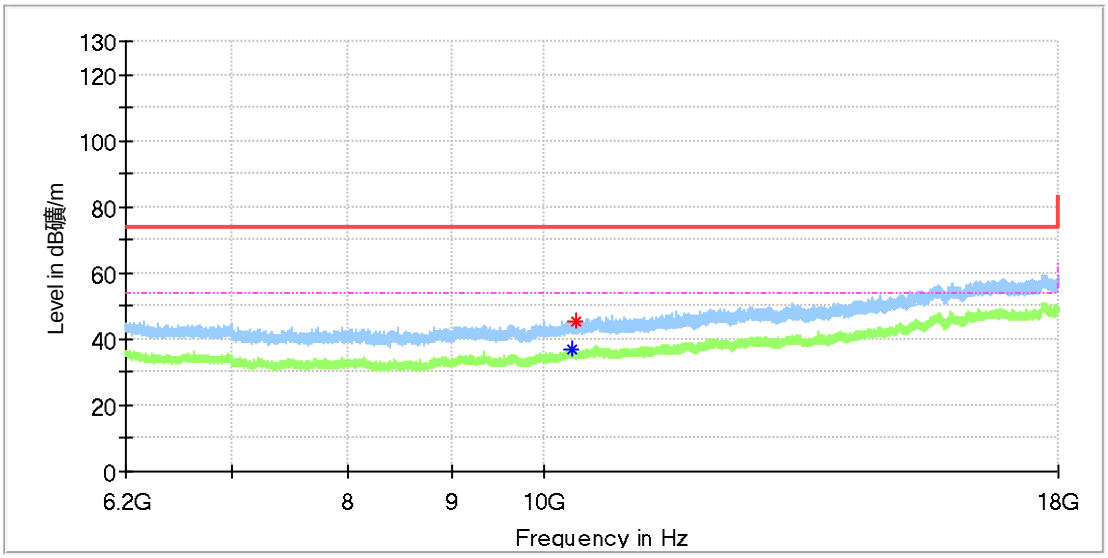
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1193.970000	43.70	---	74.00	30.30	100.0	V	188.0	1.1
1200.430000	---	35.08	54.00	18.92	100.0	V	0.0	1.1
3703.170000	52.05	---	74.00	21.95	100.0	V	77.0	9.6
3734.620000	---	44.09	54.00	9.91	100.0	V	0.0	9.6

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 Mavic 3M
Model:	M3M
Test Mode:	SDR 5.2G_40M_5170MHz
Order No/Sample No:	168379672/A003350286-007
Test Voltage::	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

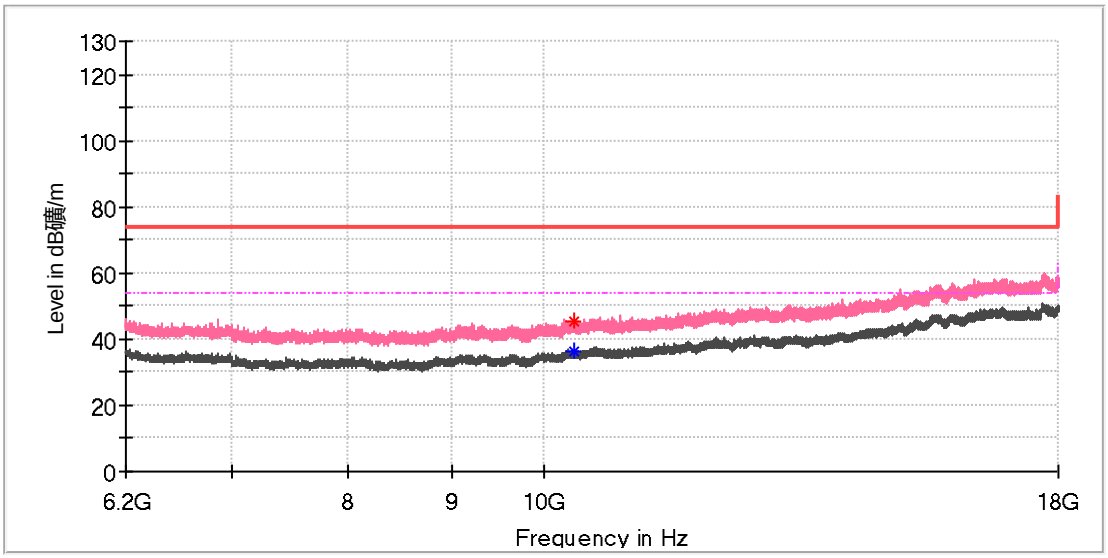
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
10325.083333	---	36.71	54.00	17.29	100.0	H	83.0	11.7
10374.250000	45.31	---	74.00	28.69	100.0	H	0.0	11.8

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 Mavic 3M
Model:	M3M
Test Mode:	SDR 5.2G_40M_5170MHz
Order No/Sample No:	168379672/A003350286-007
Test Voltage::	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
10338.358333	45.63	---	74.00	28.37	100.0	V	324.0	11.7
10360.483333	---	36.32	54.00	17.68	100.0	V	123.0	11.8

Final_Result

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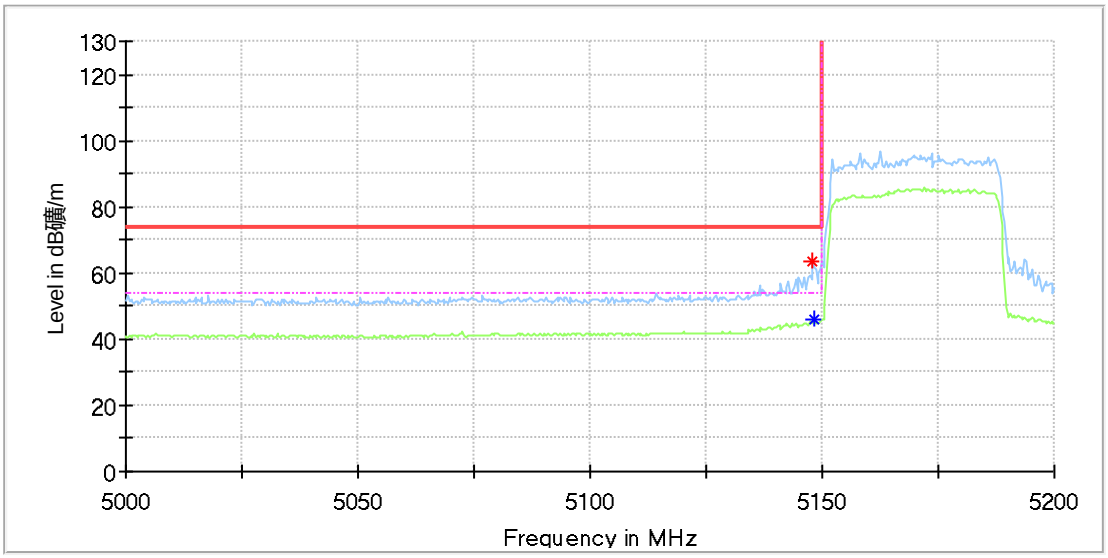
EUT Information

EUT Name:	DJI Mavic 3M
Model:	M3M
Test Mode:	SDR 5.2G_40M_5170MHz
Order No/Sample No:	168379672/A003350286-007
Test Voltage::	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
5147.988889	63.33	---	74.00	10.67	100.0	H	272.0	12.4
5148.316667	---	45.68	54.00	8.32	100.0	H	280.0	12.4

Final_Result

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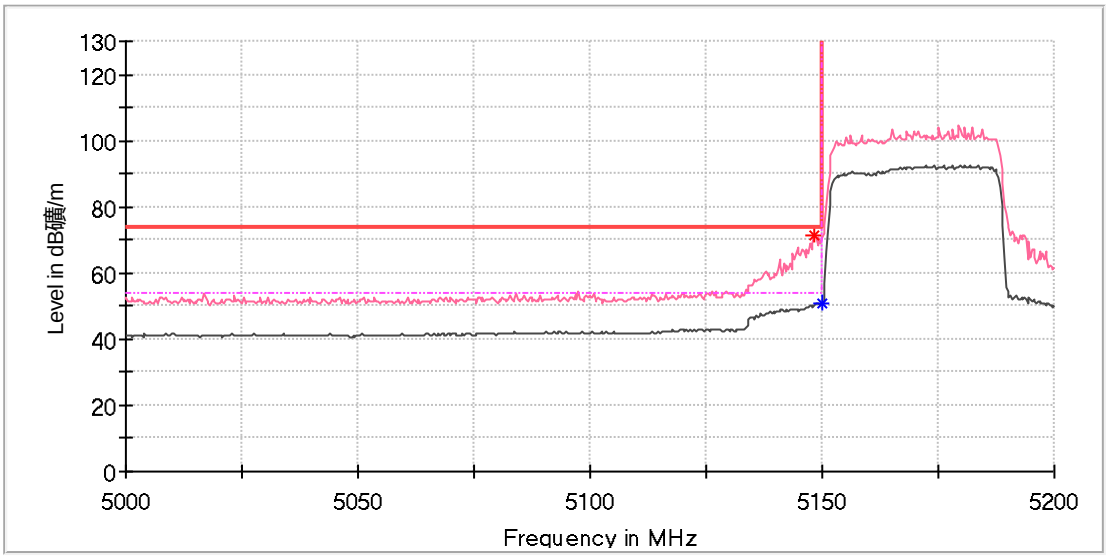
EUT Information

EUT Name:	DJI Mavic 3M
Model:	M3M
Test Mode:	SDR 5.2G_40M_5170MHz
Order No/Sample No:	168379672/A003350286-007
Test Voltage::	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

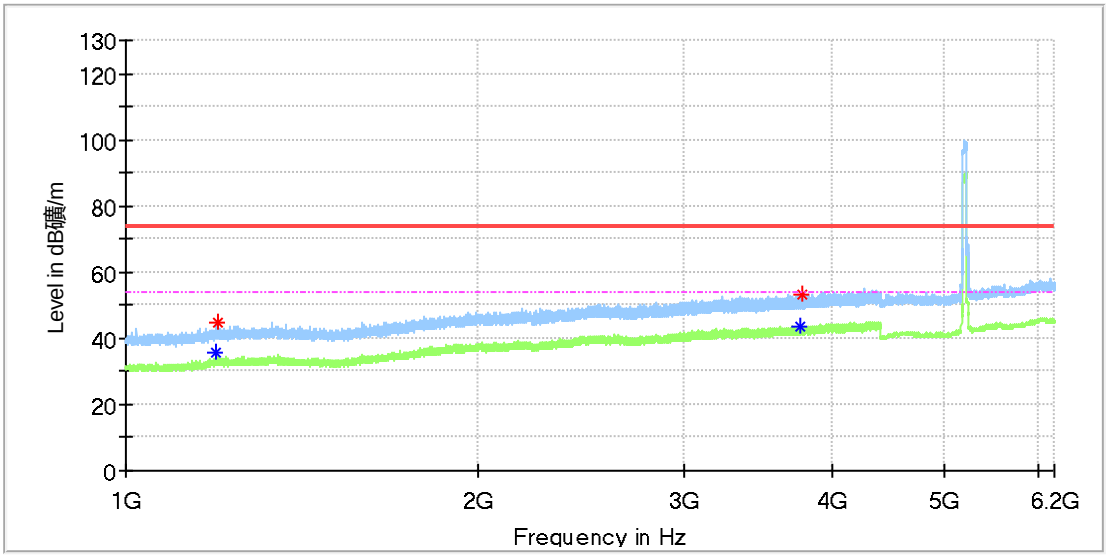
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5149.955556	---	51.01	54.00	2.99	100.0	V	208.0	12.4
5148.316667	71.58	---	74.00	2.42	100.0	V	222.0	12.4

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 Mavic 3M
Model:	M3M
Test Mode:	SDR 5.2G_40M_5200MHz
Order No/Sample No:	168379672/A003350286-007
Test Voltage::	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
1195.330000	---	35.68	54.00	18.32	100.0	H	194.0	1.1
1196.690000	44.67	---	74.00	29.33	100.0	H	194.0	1.1
3764.370000	---	43.48	54.00	10.52	100.0	H	30.0	9.7
3773.550000	53.25	---	74.00	20.75	100.0	H	261.0	9.7

Final_Result

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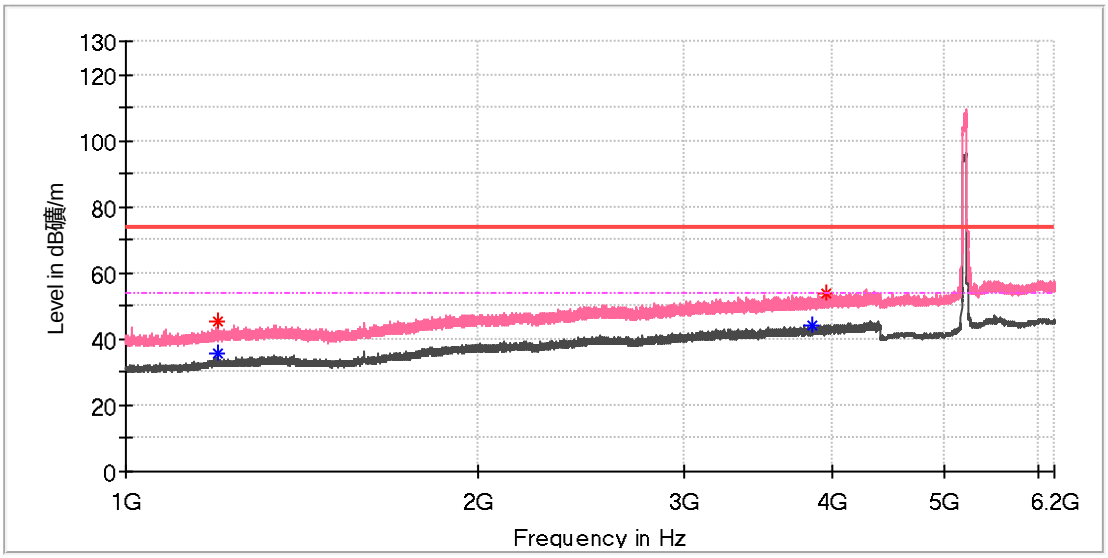
EUT Information

EUT Name:	DJI Mavic 3M
Model:	M3M
Test Mode:	SDR 5.2G_40M_5200MHz
Order No/Sample No:	168379672/A003350286-007
Test Voltage::	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

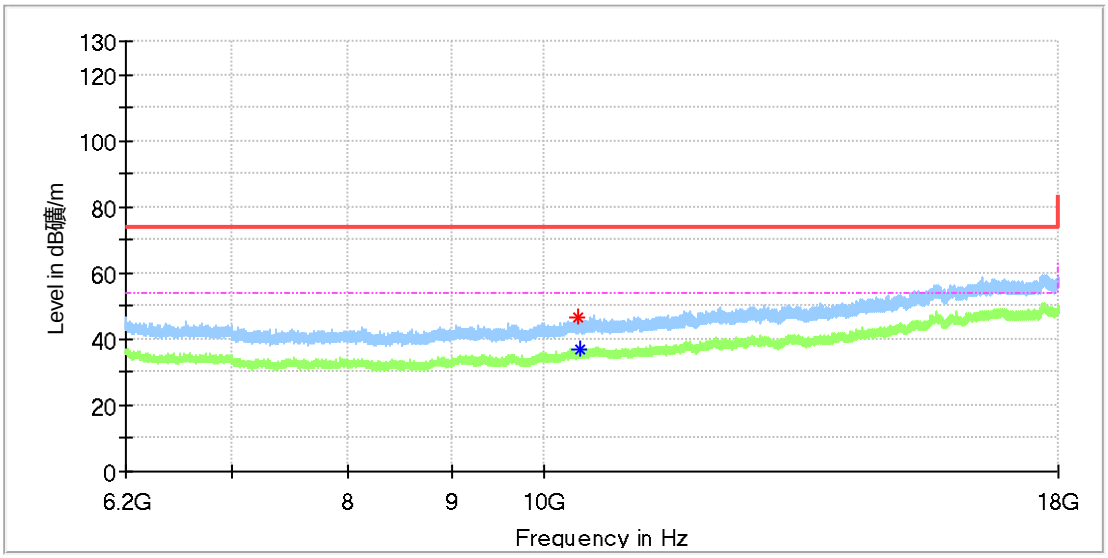
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1196.690000	45.09	---	74.00	28.91	100.0	V	0.0	1.1
1196.690000	---	35.60	54.00	18.40	100.0	V	0.0	1.1
3857.360000	---	44.21	54.00	9.79	100.0	V	307.0	9.9
3952.730000	53.55	---	74.00	20.45	100.0	V	251.0	10.1

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 Mavic 3M
Model:	M3M
Test Mode:	SDR 5.2G_40M_5200MHz
Order No/Sample No:	168379672/A003350286-007
Test Voltage::	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

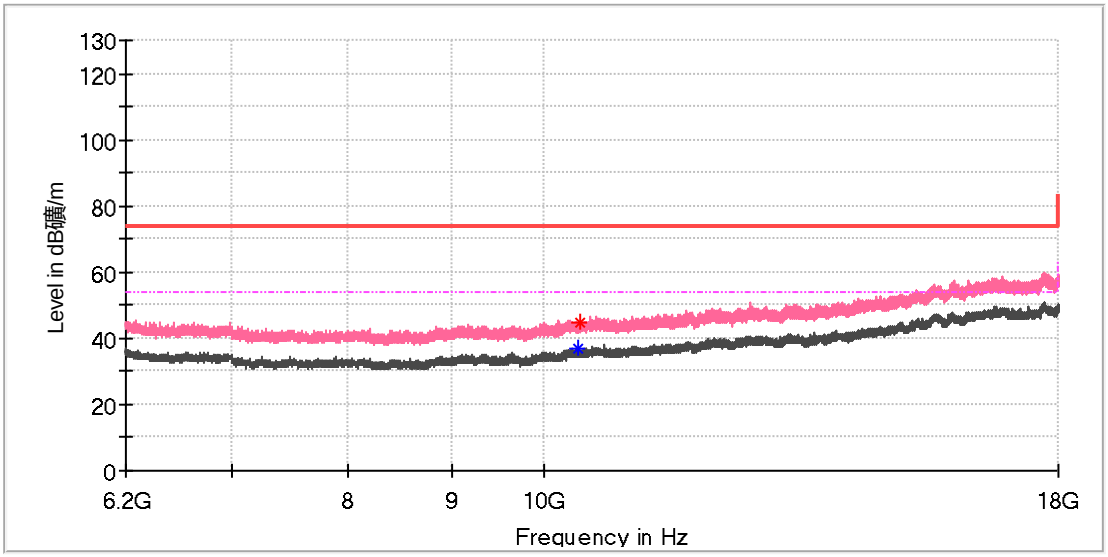
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
10402.766667	46.39	---	74.00	27.61	100.0	H	150.0	11.9
10412.600000	---	36.72	54.00	17.28	100.0	H	202.0	11.9

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 Mavic 3M
Model:	M3M
Test Mode:	SDR 5.2G_40M_5200MHz
Order No/Sample No:	168379672/A003350286-007
Test Voltage::	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
10403.750000	---	36.85	54.00	17.15	100.0	V	93.0	11.9
10414.566667	44.94	---	74.00	29.06	100.0	V	272.0	11.9

Final_Result

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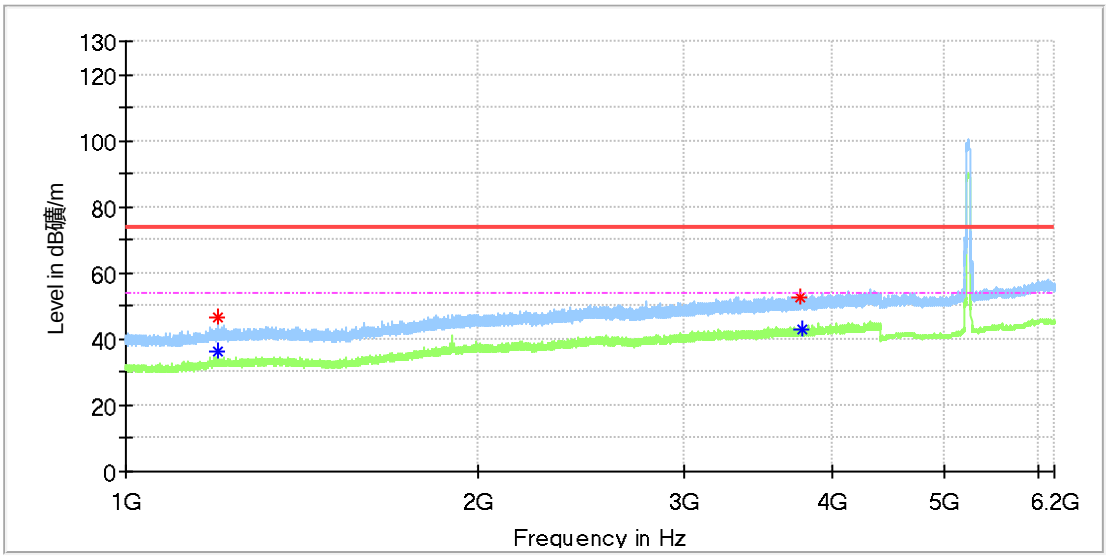
EUT Information

EUT Name:	DJI Mavic 3M
Model:	M3M
Test Mode:	SDR 5.2G_40M_5230MHz
Order No/Sample No:	168379672/A003350286-007
Test Voltage::	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
1197.710000	46.70	---	74.00	27.30	100.0	H	169.0	1.1
1197.710000	---	36.00	54.00	18.00	100.0	H	169.0	1.1
3761.650000	52.79	---	74.00	21.21	100.0	H	14.0	9.7
3772.700000	---	43.23	54.00	10.77	100.0	H	272.0	9.7

Final_Result

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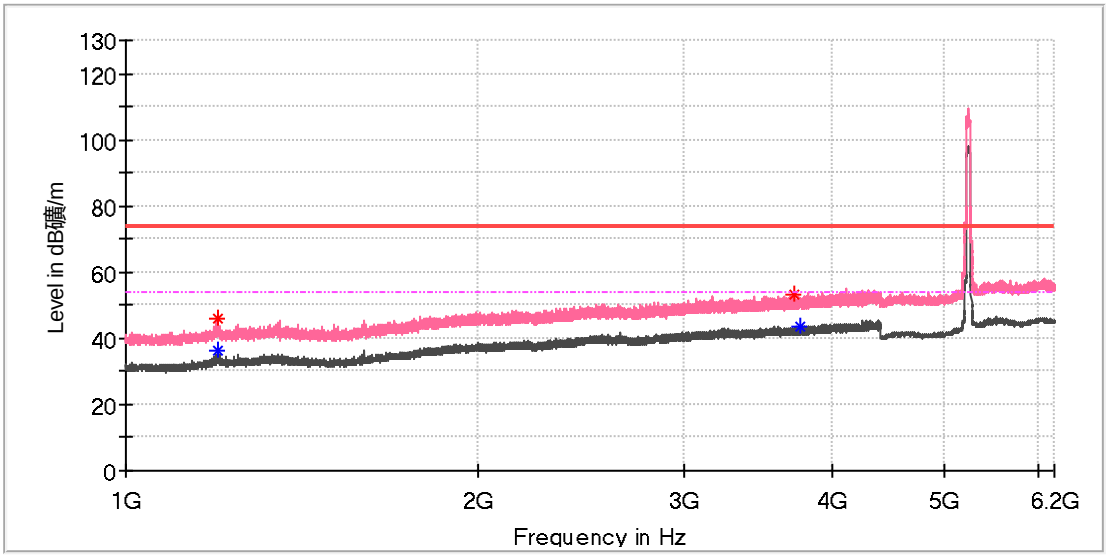
EUT Information

EUT Name:	DJI Mavic 3M
Model:	M3M
Test Mode:	SDR 5.2G_40M_5230MHz
Order No/Sample No:	168379672/A003350286-007
Test Voltage::	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
1196.350000	45.70	---	74.00	28.30	100.0	V	0.0	1.1
1199.410000	---	36.54	54.00	17.46	100.0	V	0.0	1.1
3721.020000	53.49	---	74.00	20.51	100.0	V	113.0	9.6
3769.470000	---	43.79	54.00	10.21	100.0	V	188.0	9.7

Final_Result

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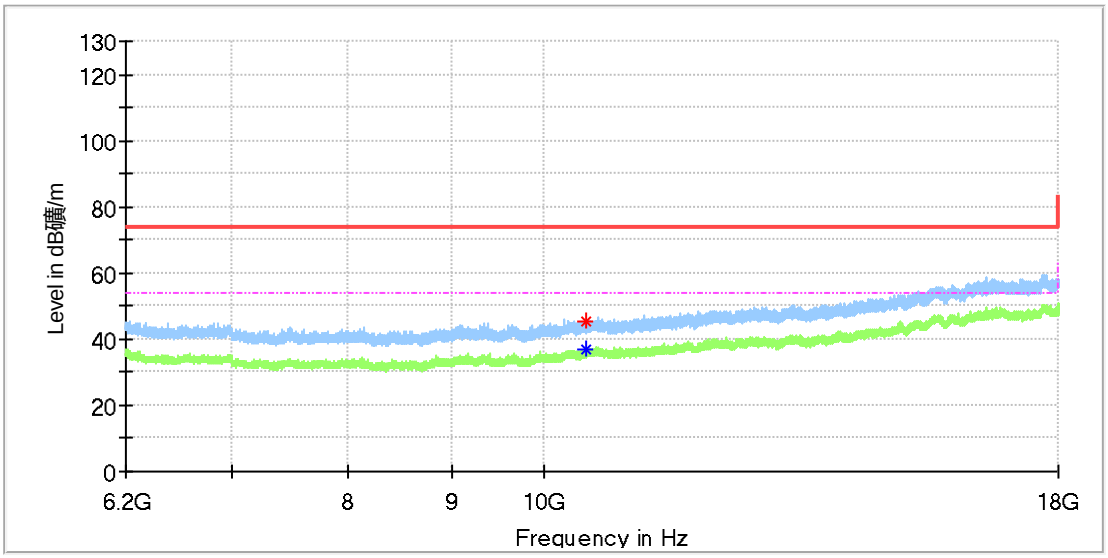
EUT Information

EUT Name:	DJI Mavic 3M
Model:	M3M
Test Mode:	SDR 5.2G_40M_5230MHz
Order No/Sample No:	168379672/A003350286-007
Test Voltage::	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
10481.433333	45.15	---	74.00	28.85	100.0	H	62.0	12.0
10486.350000	---	36.90	54.00	17.10	100.0	H	256.0	12.0

Final_Result

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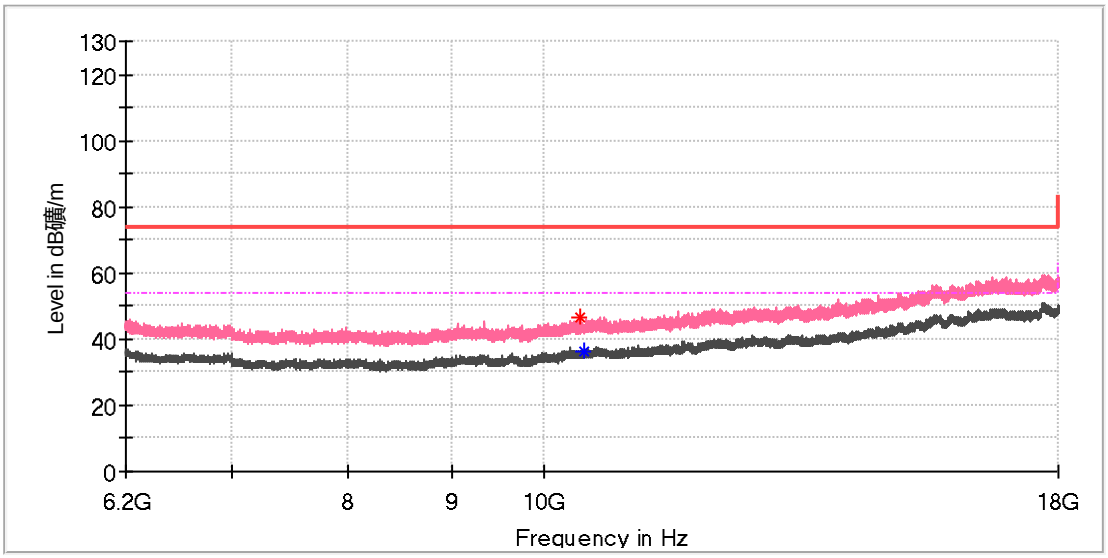
EUT Information

EUT Name:	DJI Mavic 3M
Model:	M3M
Test Mode:	SDR 5.2G_40M_5230MHz
Order No/Sample No:	168379672/A003350286-007
Test Voltage::	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
10418.008333	46.39	---	74.00	27.61	100.0	V	135.0	11.9
10464.716667	---	36.47	54.00	17.53	100.0	V	73.0	12.0

Final_Result

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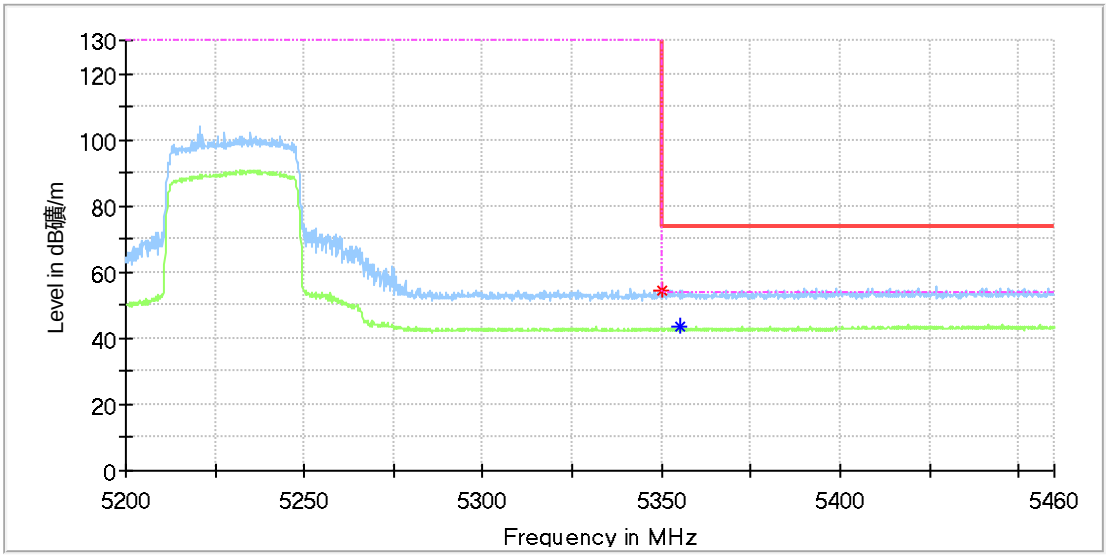
EUT Information

EUT Name:	DJI Mavic 3M
Model:	M3M
Test Mode:	SDR 5.2G_40M_5230MHz
Order No/Sample No:	168379672/A003350286-007
Test Voltage::	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

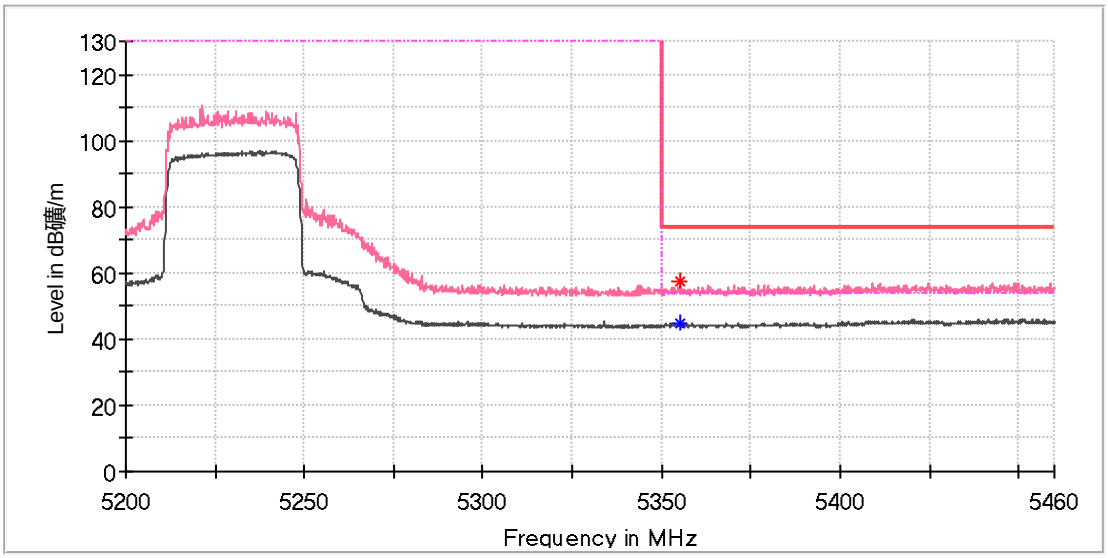
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5350.366667	54.70	---	74.00	19.30	100.0	H	100.0	13.3
5355.222222	---	43.31	54.00	10.69	100.0	H	280.0	13.3

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 Mavic 3M
Model:	M3M
Test Mode:	SDR 5.2G_40M_5230MHz
Order No/Sample No:	168379672/A003350286-007
Test Voltage::	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
5355.222222	57.36	---	74.00	16.64	100.0	V	315.0	13.3
5355.477778	---	44.65	54.00	9.35	100.0	V	281.0	13.3

Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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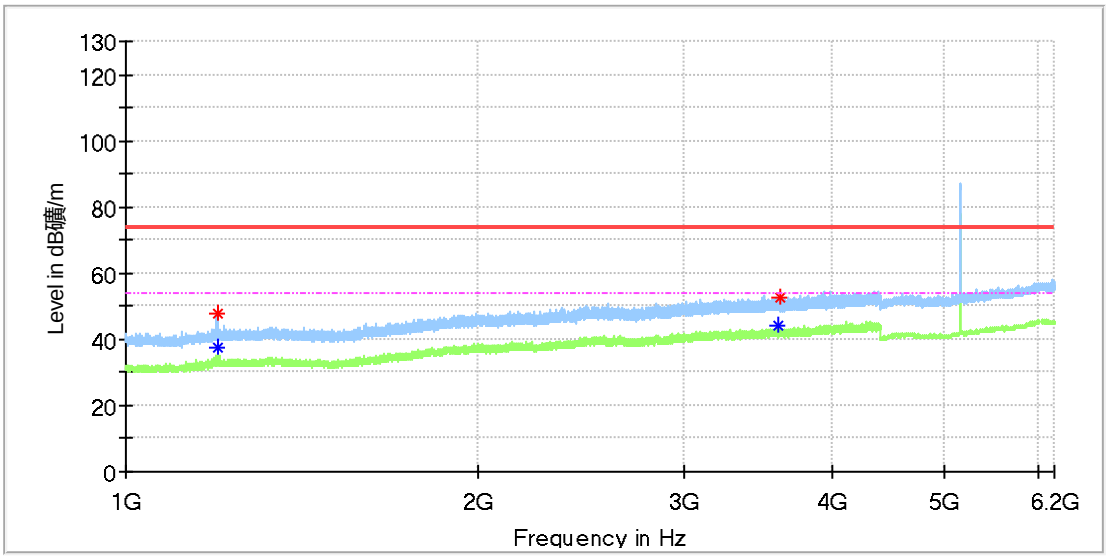
Worst-case for MIMO mode:

EUT Information

EUT Name:	DJI Mavic 3M
Model:	M3M
Test Mode:	SDR 5.2G_10M_5156MHz
Order No/Sample No:	168379672/A003350286-007
Test Voltage::	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
1198.220000	47.69	---	74.00	26.31	100.0	H	161.0	1.1
1198.220000	---	37.55	54.00	16.45	100.0	H	161.0	1.1
3605.420000	---	44.06	54.00	9.94	100.0	H	236.0	9.3
3622.930000	52.62	---	74.00	21.38	100.0	H	59.0	9.4

Final_Result

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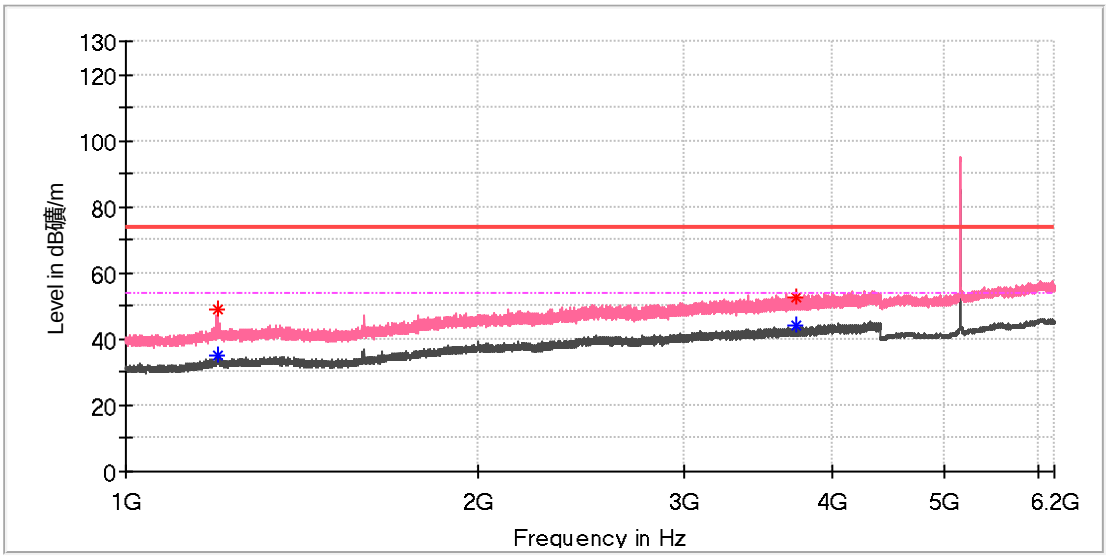
EUT Information

EUT Name:	DJI Mavic 3M
Model:	M3M
Test Mode:	SDR 5.2G_10M_5156MHz
Order No/Sample No:	168379672/A003350286-007
Test Voltage::	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
1197.710000	49.17	---	74.00	24.83	100.0	V	0.0	1.1
1197.710000	---	35.30	54.00	18.70	100.0	V	0.0	1.1
3733.260000	52.39	---	74.00	21.61	100.0	V	196.0	9.6
3734.280000	---	44.43	54.00	9.57	100.0	V	65.0	9.6

Final_Result

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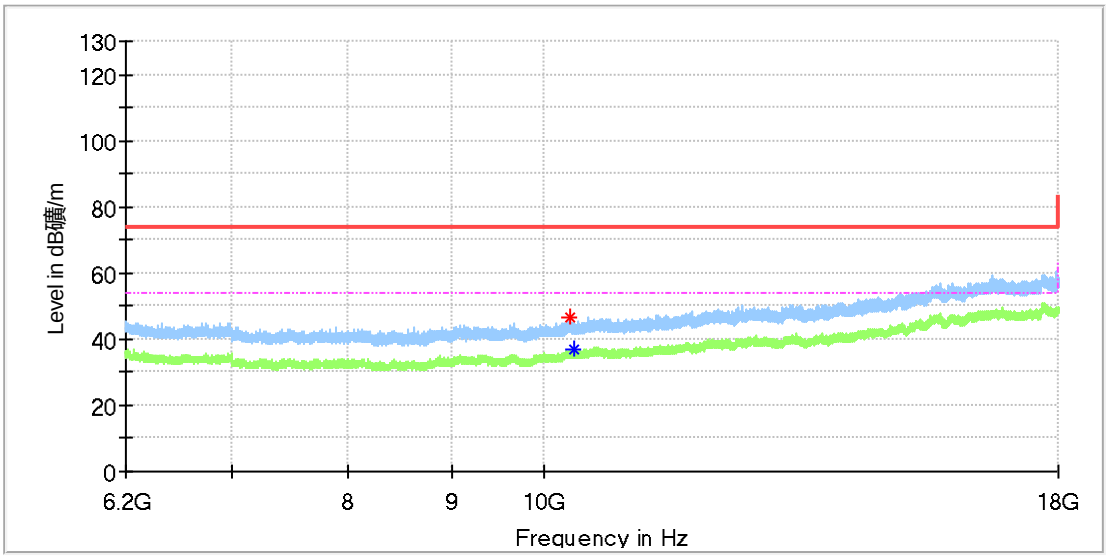
EUT Information

EUT Name:	DJI Mavic 3M
Model:	M3M
Test Mode:	SDR 5.2G_10M_5156MHz
Order No/Sample No:	168379672/A003350286-007
Test Voltage::	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
10304.433333	46.31	---	74.00	27.69	100.0	H	267.0	11.6
10338.850000	---	36.95	54.00	17.05	100.0	H	181.0	11.7

Final_Result

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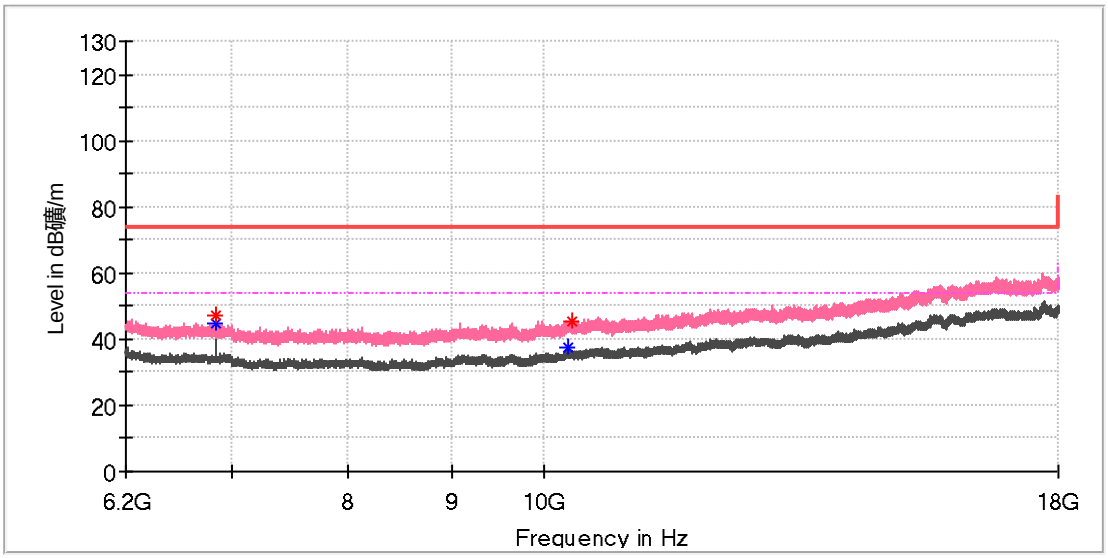
EUT Information

EUT Name:	DJI Mavic 3M
Model:	M3M
Test Mode:	SDR 5.2G_10M_5156MHz
Order No/Sample No:	168379672/A003350286-007
Test Voltage::	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

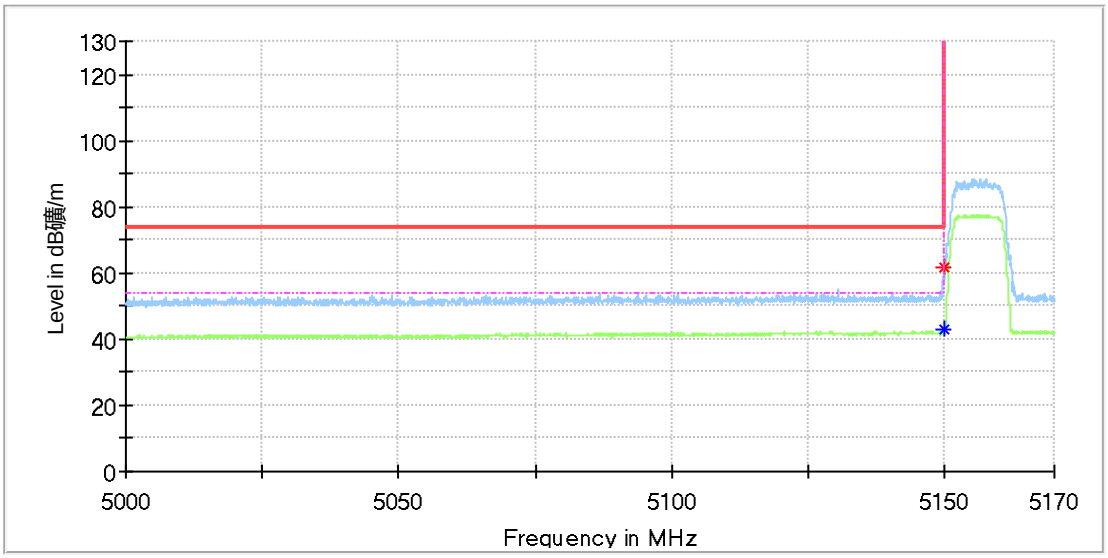
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
6874.566667	47.28	---	74.00	26.72	100.0	V	138.0	8.6
6874.566667	---	44.61	54.00	9.39	100.0	V	138.0	8.6
10287.716667	---	37.48	54.00	16.52	100.0	V	126.0	11.6
10321.641667	45.41	---	74.00	28.59	100.0	V	213.0	11.7

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 Mavic 3M
Model:	M3M
Test Mode:	SDR 5.2G_10M_5156MHz
Order No/Sample No:	168379672/A003350286-007
Test Voltage::	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

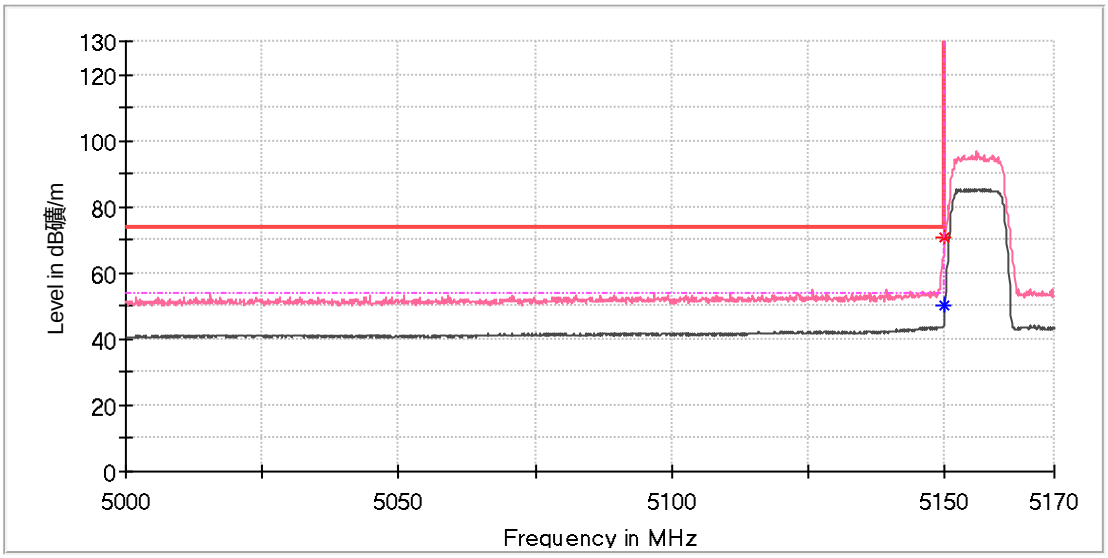
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5149.955556	---	43.14	54.00	10.86	100.0	H	95.0	12.4
5149.955556	61.60	---	74.00	12.40	100.0	H	95.0	12.4

Final_Result

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

EUT Information

EUT Name:	DJI Mavic 3M
Model:	M3M
Test Mode:	SDR 5.2G_10M_5156MHz
Order No/Sample No:	168379672/A003350286-007
Test Voltage::	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

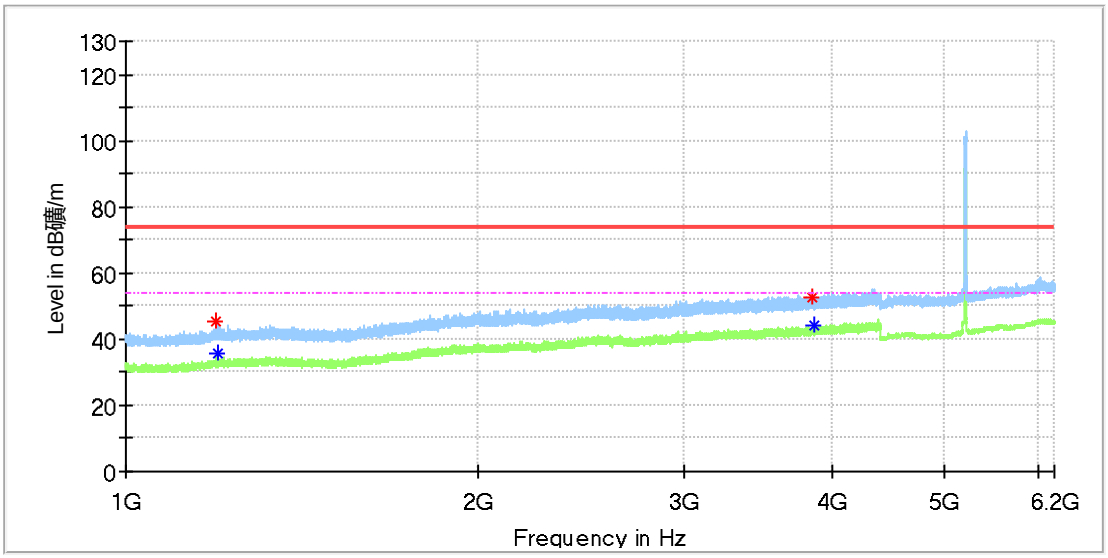
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5150.000000	---	50.22	54.00	3.78	100.0	V	222.0	12.4
5150.000000	70.68	---	74.00	3.32	100.0	V	222.0	12.4

Final_Result

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

EUT Information

EUT Name:	DJI Mavic 3M
Model:	M3M
Test Mode:	SDR 5.2G_20M_5200MHz
Order No/Sample No:	168379672/A003350286-007
Test Voltage::	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
1191.590000	45.06	---	74.00	28.94	100.0	H	181.0	1.1
1198.560000	---	35.75	54.00	18.25	100.0	H	181.0	1.1
3846.140000	52.88	---	74.00	21.12	100.0	H	103.0	9.9
3864.160000	---	44.16	54.00	9.84	100.0	H	201.0	9.9

Final_Result

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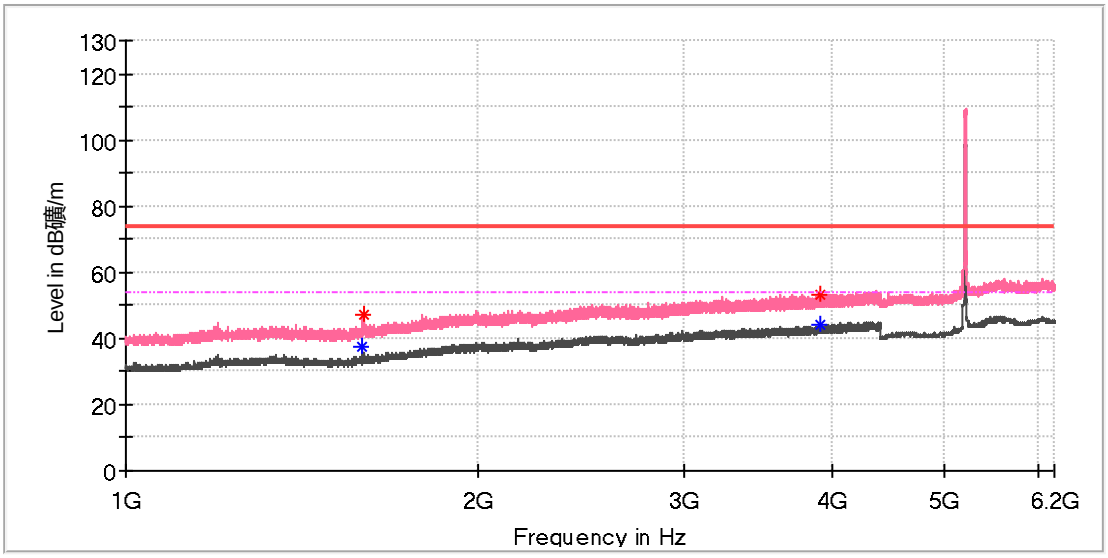
EUT Information

EUT Name:	DJI Mavic 3M
Model:	M3M
Test Mode:	SDR 5.2G_20M_5200MHz
Order No/Sample No:	168379672/A003350286-007
Test Voltage::	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
1593.300000	---	37.32	54.00	16.68	100.0	V	293.0	2.0
1594.490000	47.04	---	74.00	26.96	100.0	V	271.0	2.0
3906.150000	---	44.28	54.00	9.72	100.0	V	293.0	10.1
3916.860000	53.06	---	74.00	20.94	100.0	V	27.0	10.1

Final_Result

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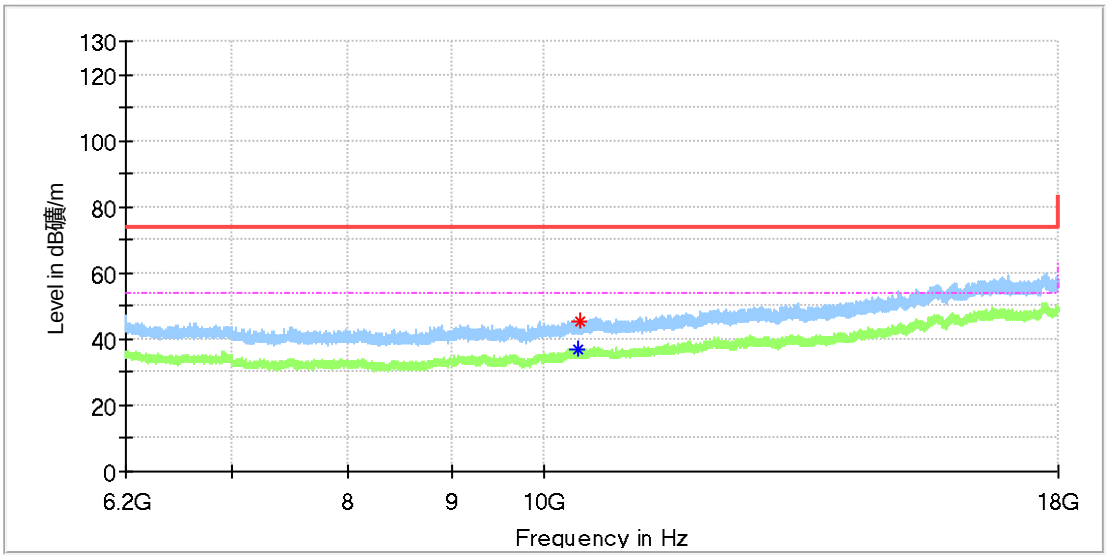
EUT Information

EUT Name:	DJI Mavic 3M
Model:	M3M
Test Mode:	SDR 5.2G_20M_5200MHz
Order No/Sample No:	168379672/A003350286-007
Test Voltage::	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
10398.833333	---	36.82	54.00	17.18	100.0	H	13.0	11.9
10421.941667	45.56	---	74.00	28.44	100.0	H	2.0	11.9

Final_Result

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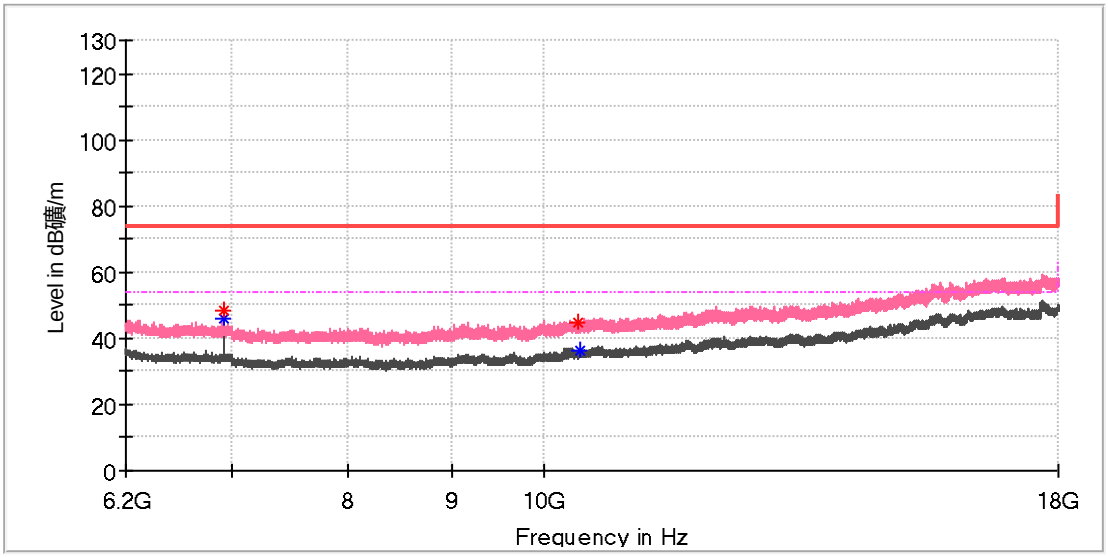
EUT Information

EUT Name:	DJI Mavic 3M
Model:	M3M
Test Mode:	SDR 5.2G_20M_5200MHz
Order No/Sample No:	168379672/A003350286-007
Test Voltage::	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
6933.075000	48.13	---	74.00	25.87	100.0	V	149.0	8.6
6933.075000	---	46.24	54.00	7.76	100.0	V	149.0	8.6
10399.816667	44.83	---	74.00	29.17	100.0	V	99.0	11.9
10412.600000	---	36.29	54.00	17.71	100.0	V	208.0	11.9

Final_Result

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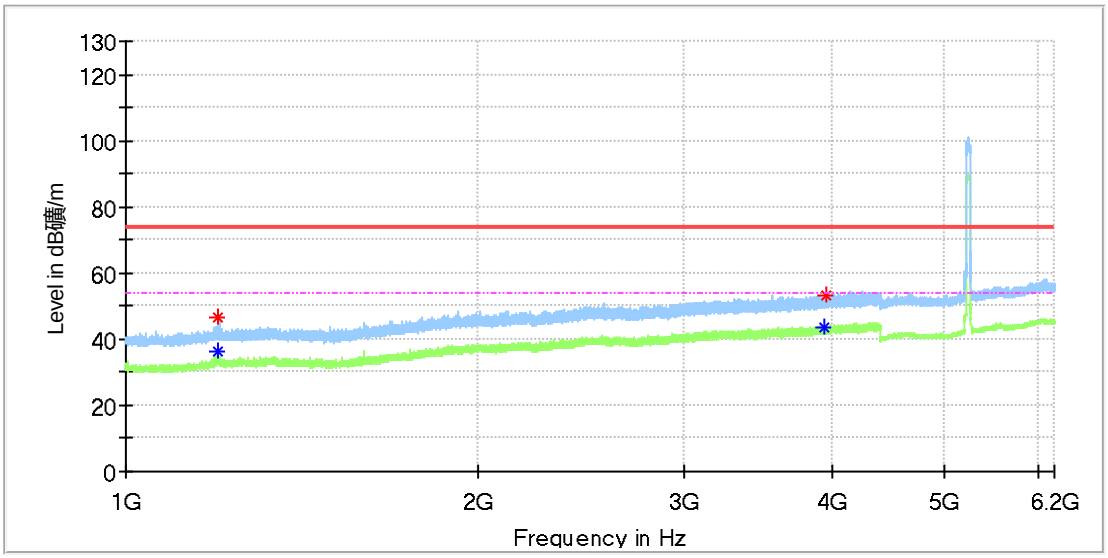
EUT Information

EUT Name:	DJI Mavic 3M
Model:	M3M
Test Mode:	SDR 5.2G_40M_5230MHz
Order No/Sample No:	168379672/A003350286-007
Test Voltage::	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
1198.560000	46.47	---	74.00	27.53	100.0	H	178.0	1.1
1199.070000	---	36.36	54.00	17.64	100.0	H	157.0	1.1
3941.340000	---	43.53	54.00	10.47	100.0	H	14.0	10.1
3956.130000	53.22	---	74.00	20.78	100.0	H	25.0	10.1

Final_Result

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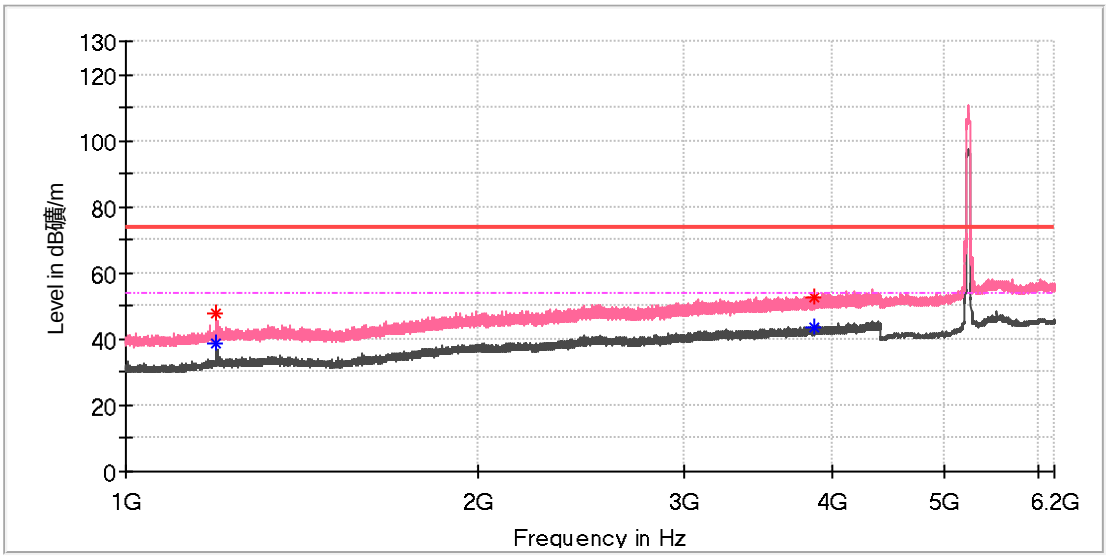
EUT Information

EUT Name:	DJI Mavic 3M
Model:	M3M
Test Mode:	SDR 5.2G_40M_5230MHz
Order No/Sample No:	168379672/A003350286-007
Test Voltage::	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
1194.990000	47.65	---	74.00	26.35	100.0	V	0.0	1.1
1195.160000	---	38.58	54.00	15.42	100.0	V	0.0	1.1
3874.190000	---	43.70	54.00	10.30	100.0	V	343.0	10.0
3875.380000	52.90	---	74.00	21.10	100.0	V	4.0	10.0

Final_Result

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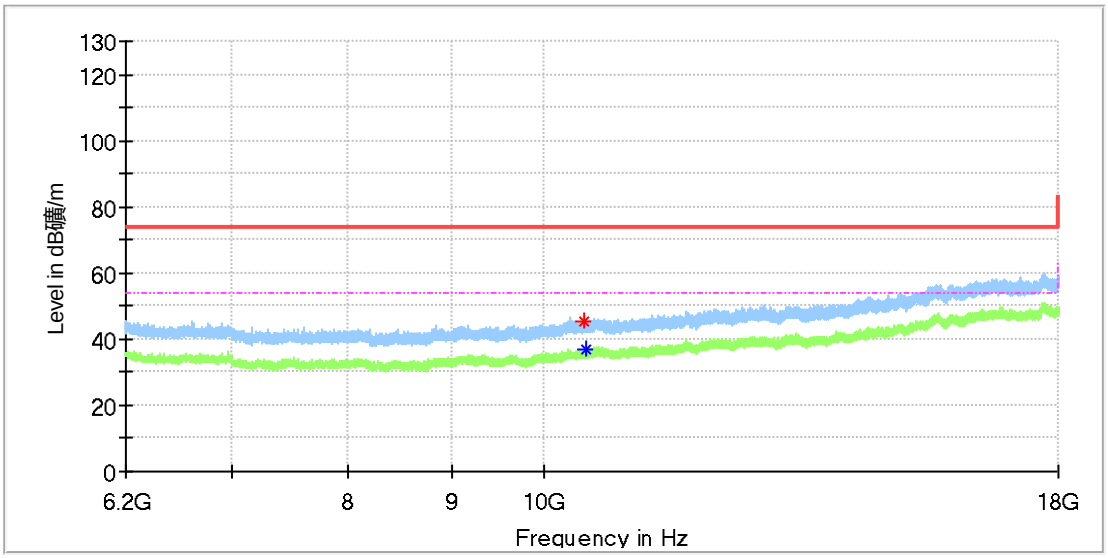
EUT Information

EUT Name:	DJI Mavic 3M
Model:	M3M
Test Mode:	SDR 5.2G_40M_5230MHz
Order No/Sample No:	168379672/A003350286-007
Test Voltage::	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
10462.258333	45.18	---	74.00	28.82	100.0	H	79.0	12.0
10490.775000	---	37.09	54.00	16.91	100.0	H	31.0	12.0

Final_Result

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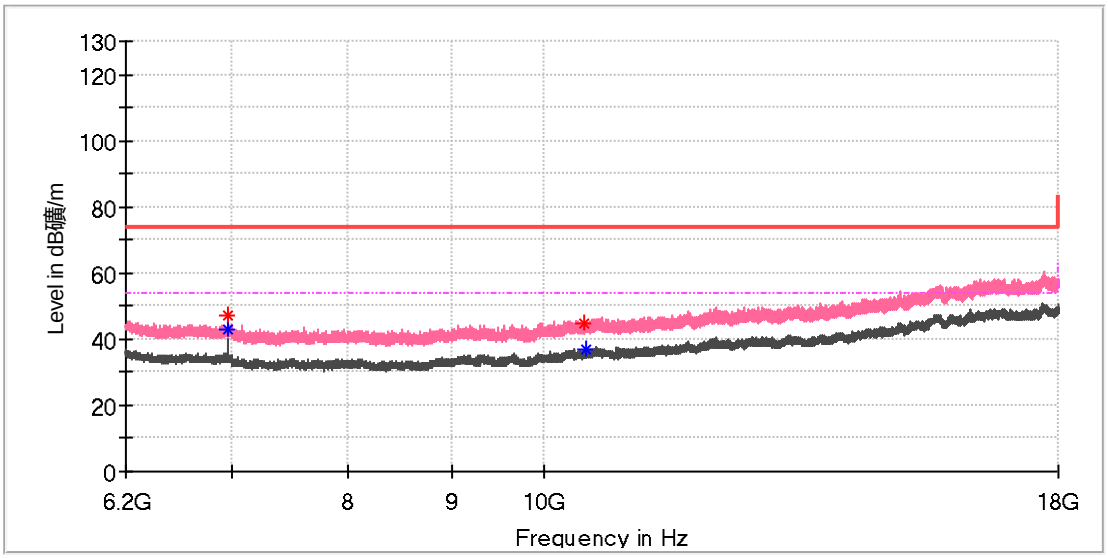
EUT Information

EUT Name:	DJI Mavic 3M
Model:	M3M
Test Mode:	SDR 5.2G_40M_5230MHz
Order No/Sample No:	168379672/A003350286-007
Test Voltage::	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
6973.391667	47.37	---	74.00	26.63	100.0	V	215.0	8.6
6973.391667	---	43.19	54.00	10.81	100.0	V	215.0	8.6
10458.325000	44.98	---	74.00	29.02	100.0	V	0.0	12.0
10489.791667	---	36.66	54.00	17.34	100.0	V	336.0	12.0

Final_Result

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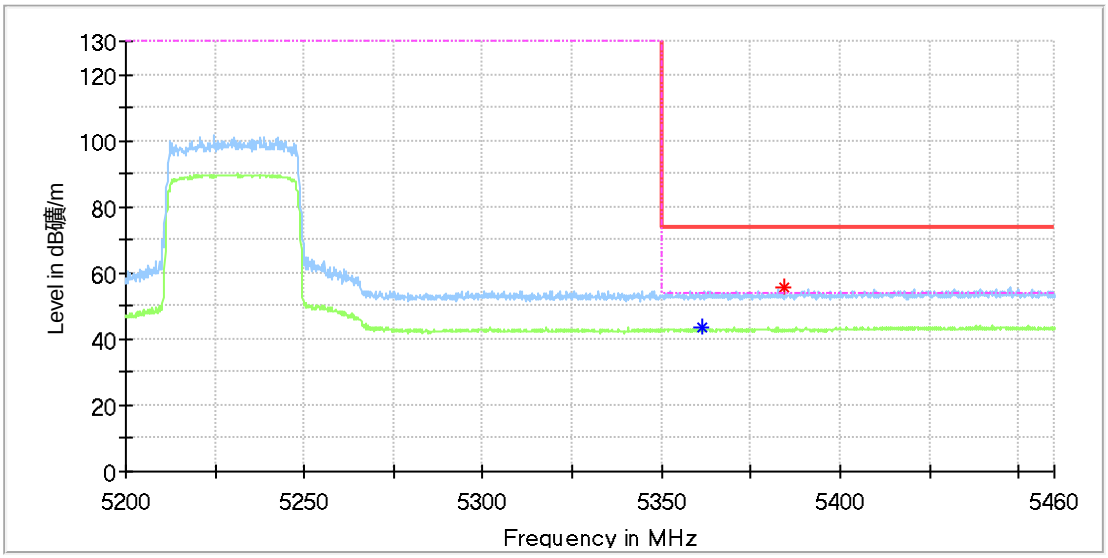
EUT Information

EUT Name:	DJI Mavic 3M
Model:	M3M
Test Mode:	SDR 5.2G_40M_5230MHz
Order No/Sample No:	168379672/A003350286-007
Test Voltage::	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



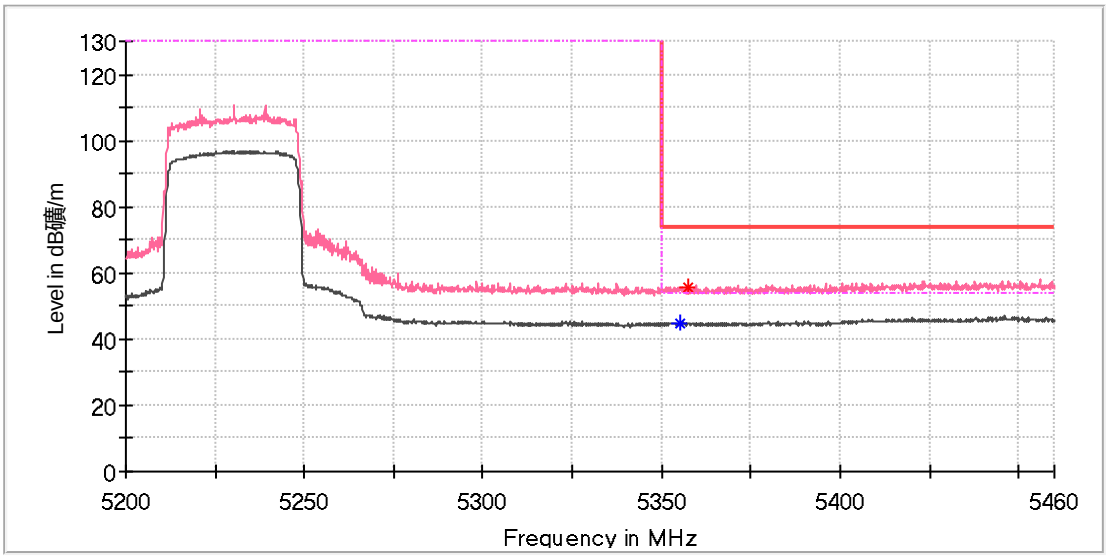
Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5361.611111	---	43.23	54.00	10.77	100.0	H	70.0	13.3
5384.227778	55.42	---	74.00	18.58	100.0	H	64.0	13.4

Final_Result

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

EUT Name:	DJI Mavic 3M
Model:	M3M
Test Mode:	SDR 5.2G_40M_5230MHz
Order No/Sample No:	168379672/A003350286-007
Test Voltage::	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
5355.094445	---	45.03	54.00	8.97	100.0	V	319.0	13.3
5357.650000	55.77	---	74.00	18.23	100.0	V	305.0	13.3

Final_Result

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