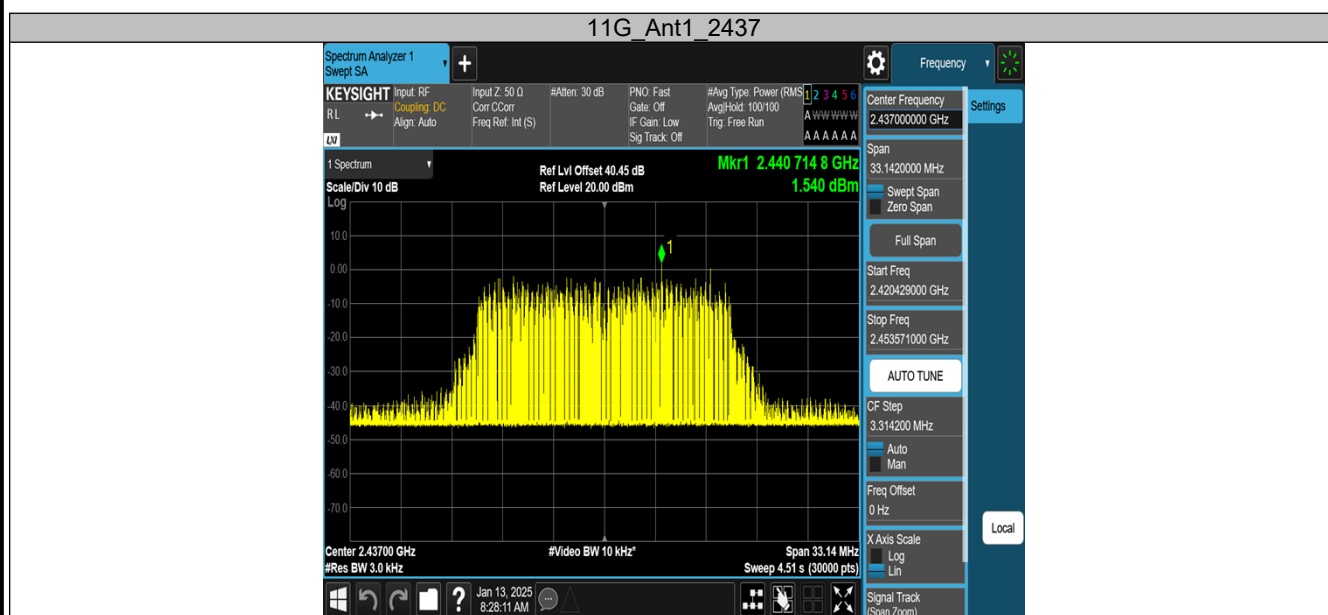


Appendix C: Test Results of 2437MHz

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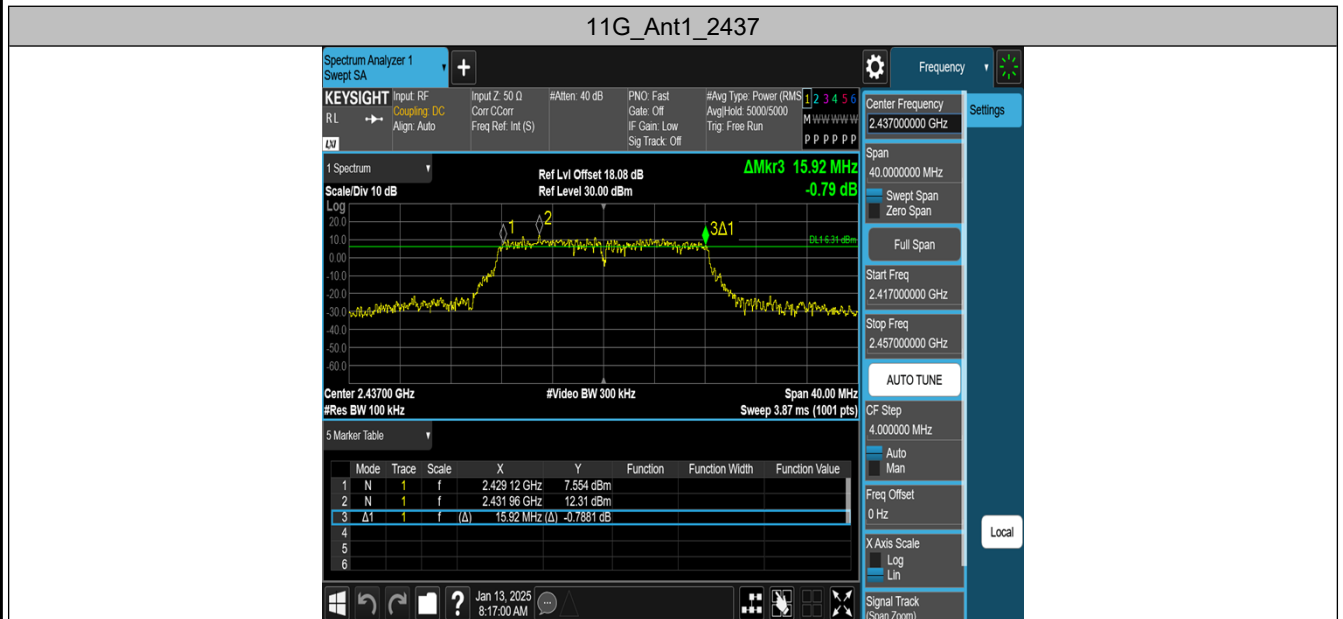
Appendix C.1: Test Results of Conducted Power Spectral Density

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11G	Ant1	2437	1.54	≤8.00	PASS



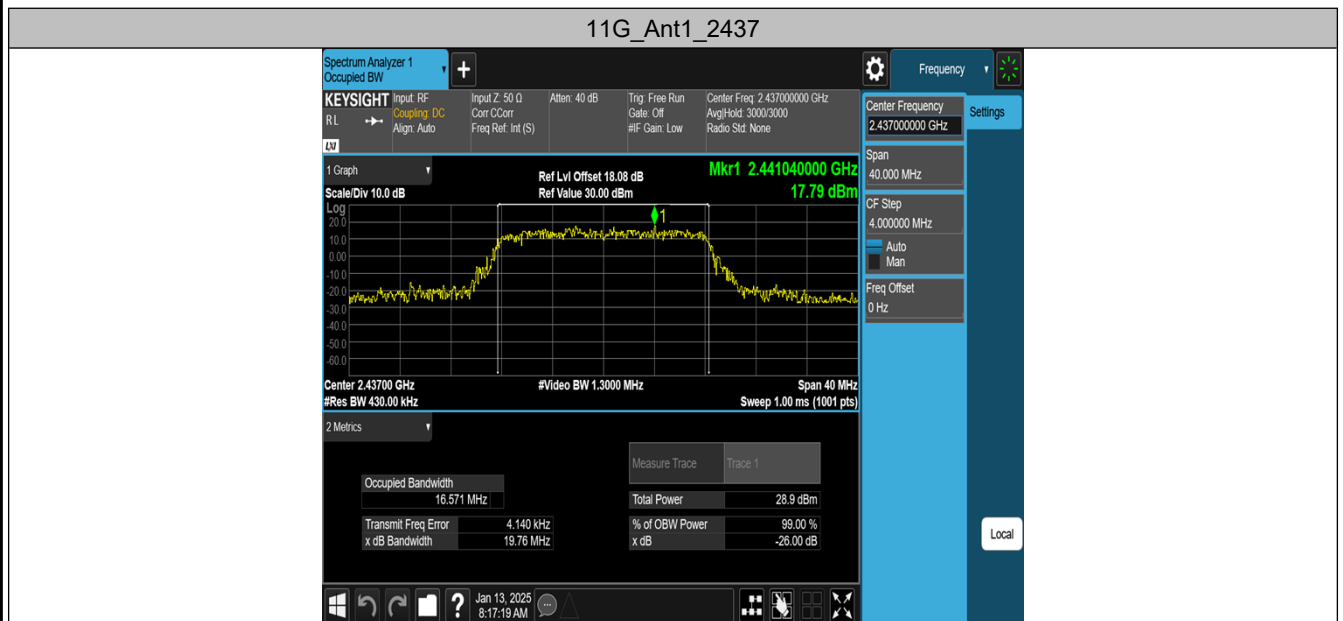
Appendix C.2: Test Results of 6dB Bandwidth

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11G	Ant1	2437	15.920	2429.120	2445.040	0.5	PASS



Appendix C.3: Test Results of 99% Bandwidth

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11G	Ant1	2437	16.571	2428.7186	2445.2896	---	PASS



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

Band Edge

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11G	Ant1	Low	2437	13.85	-42.00	≤-16.15	PASS
		High	2437	12.89	-41.34	≤-17.11	PASS

11G_Ant1_Low_2437



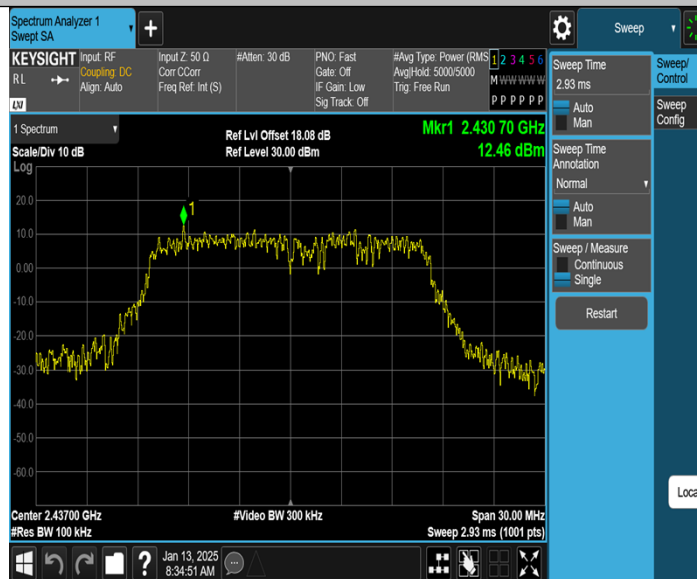
11G_Ant1_High_2437



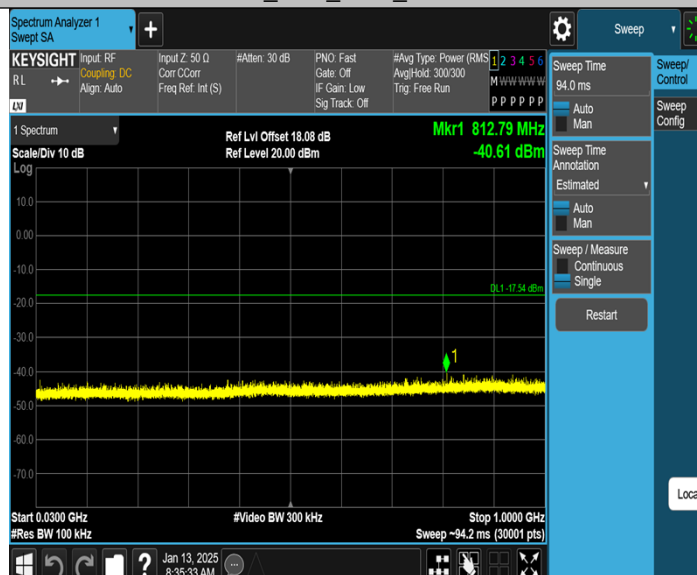
Conducted Spurious Emission

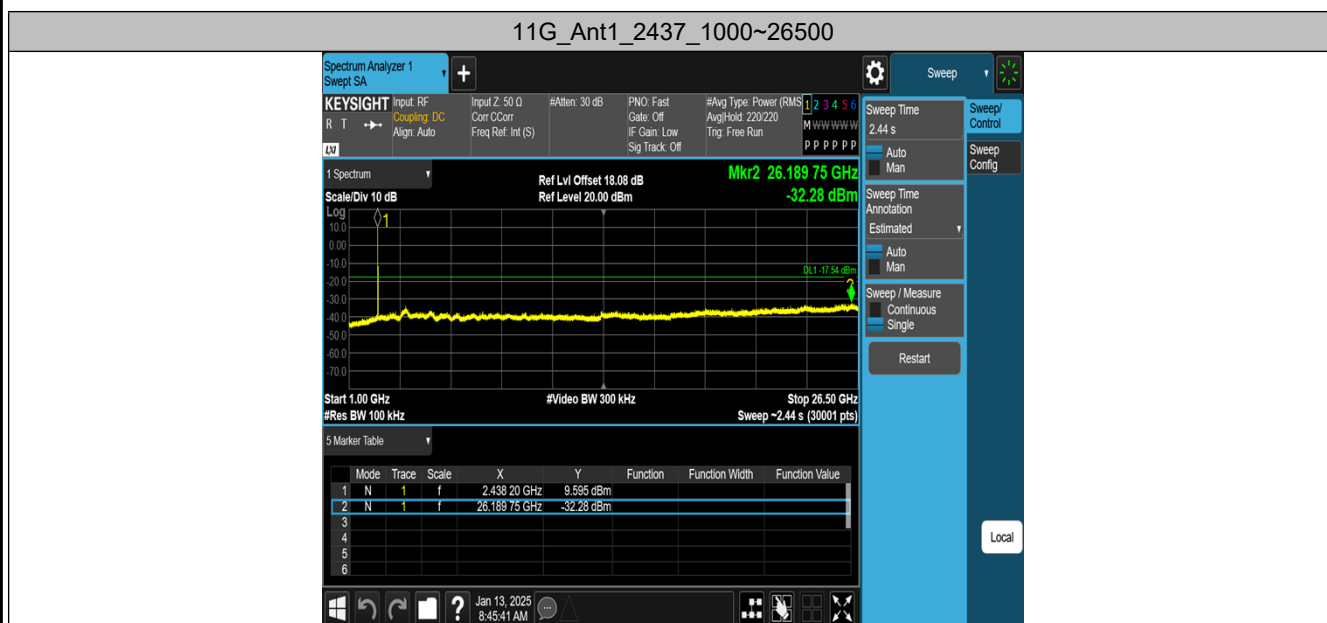
TestMode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11G	Ant1	2437	Reference	12.46	12.46	---	PASS
			30~1000	12.46	-40.61	≤-17.54	PASS
			1000~26500	12.46	-32.28	≤-17.54	PASS

11G_Ant1_2437_0~Reference



11G_Ant1_2437_30~1000





Appendix C.5: Test Results of Radiated Spurious Emissions

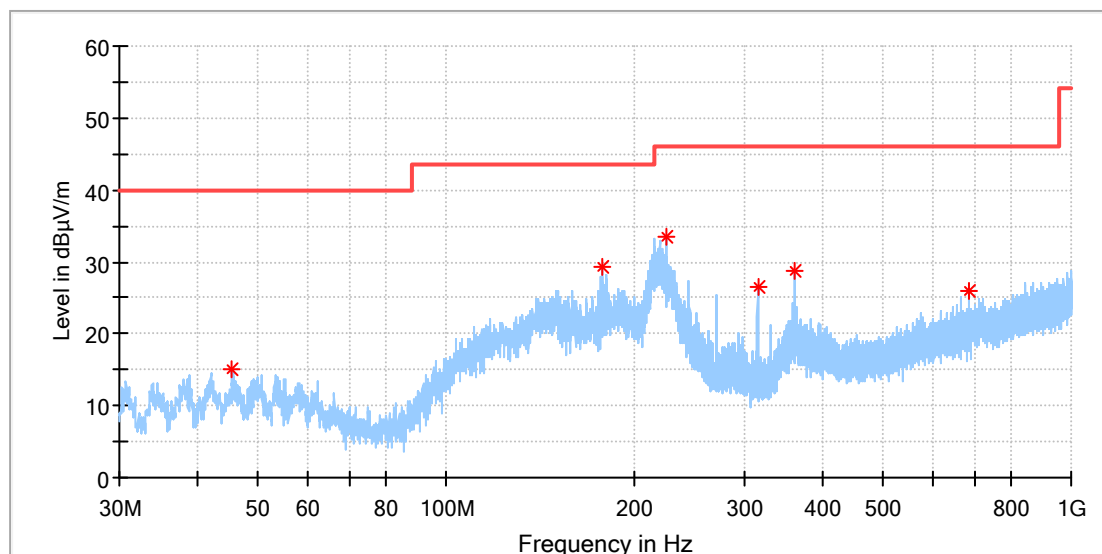
Note:

- 1) This testing was carried out on different modulations, but only the worst case was presented in this report.
- 2) 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 Matrice 4TD
Model:	M4TD
Test Mode:	WIFI 2437MHz
Order No/Sample No:	168512858/A003882058-003
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

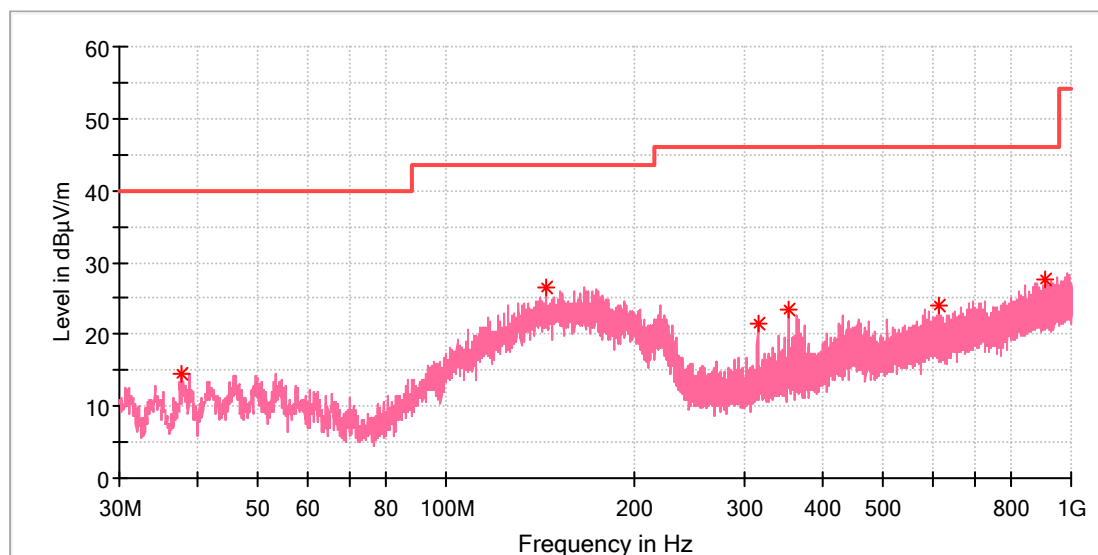
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
45.482692	15.16	40.00	24.84	100.0	H	51.0	-18.9
178.298077	29.29	43.50	14.21	100.0	H	250.0	-20.7
225.007308	33.37	46.00	12.63	100.0	H	41.0	-18.4
315.030769	26.39	46.00	19.61	100.0	H	290.0	-15.9
359.986539	28.65	46.00	17.35	100.0	H	290.0	-14.6
688.145000	25.90	46.00	20.10	100.0	H	32.0	-8.2

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 Matrice 4TD
Model:	M4TD
Test Mode:	WIFI 2437MHz
Order No/Sample No:	168512858/A003882058-003
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)
37.797308	14.62	40.00	25.38	100.0	V	292.0	-20.9
144.124231	26.55	43.50	16.95	100.0	V	15.0	-22.4
315.030769	21.35	46.00	24.65	100.0	V	23.0	-15.9
353.121923	23.47	46.00	22.53	100.0	V	6.0	-14.8
613.193846	24.09	46.00	21.91	100.0	V	0.0	-9.4
909.603462	27.55	46.00	18.45	100.0	V	212.0	-4.7

Final Result

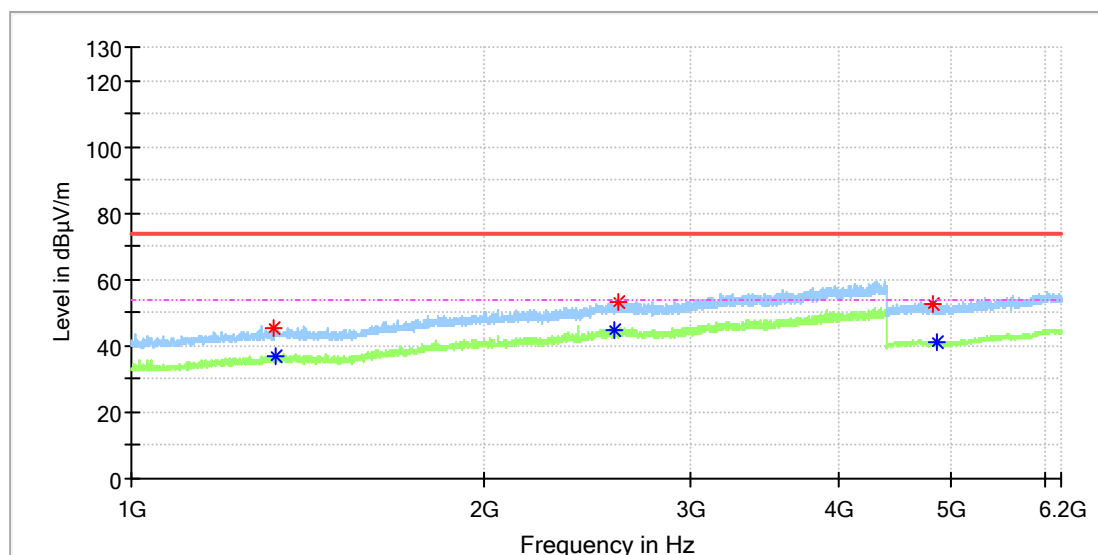
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

1GHz - 18GHz

Note: The highest waveform in the figure is 2437MHz Fundamental.

EUT Information

EUT Name:	DJI Matrice 4TD
Model:	M4TD
Test Mode:	WIFI 2437MHz
Order No/Sample No:	168512858/A003882058-003
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

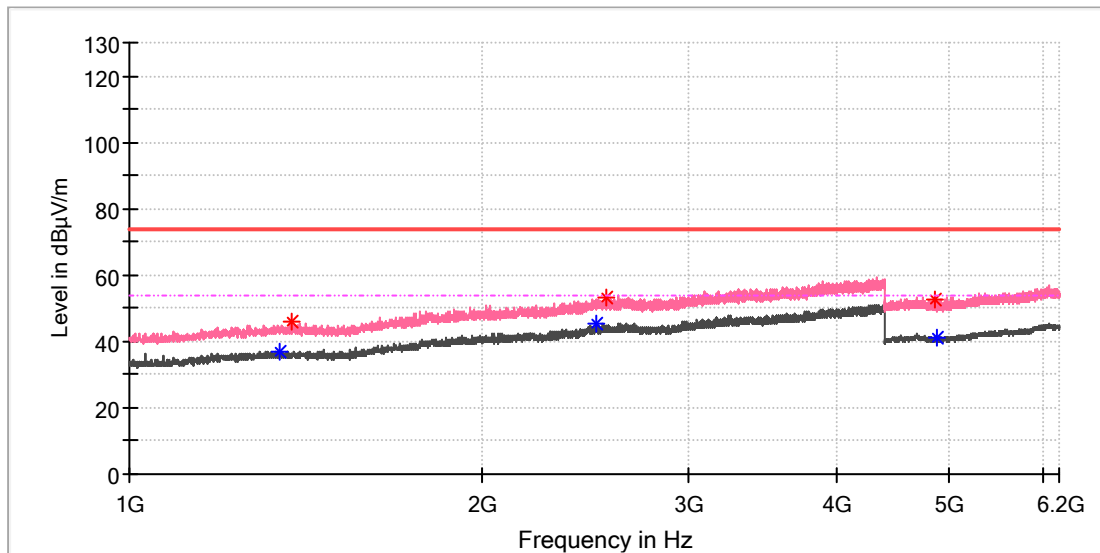
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1324.000000	45.05	---	74.00	28.95	150.0	H	327.0	3.7
1328.000000	---	36.94	54.00	17.06	150.0	H	111.0	3.7
2575.000000	---	44.86	54.00	9.14	150.0	H	144.0	10.6
2595.500000	53.13	---	74.00	20.87	150.0	H	347.0	10.5
4812.500000	52.78	---	74.00	21.22	150.0	H	38.0	13.3
4854.000000	---	41.08	54.00	12.92	150.0	H	9.0	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 Matrice 4TD
Model: M4TD
Test Mode: WIFI 2437MHz
Order No/Sample No: 168512858/A003882058-003
Test Voltage: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

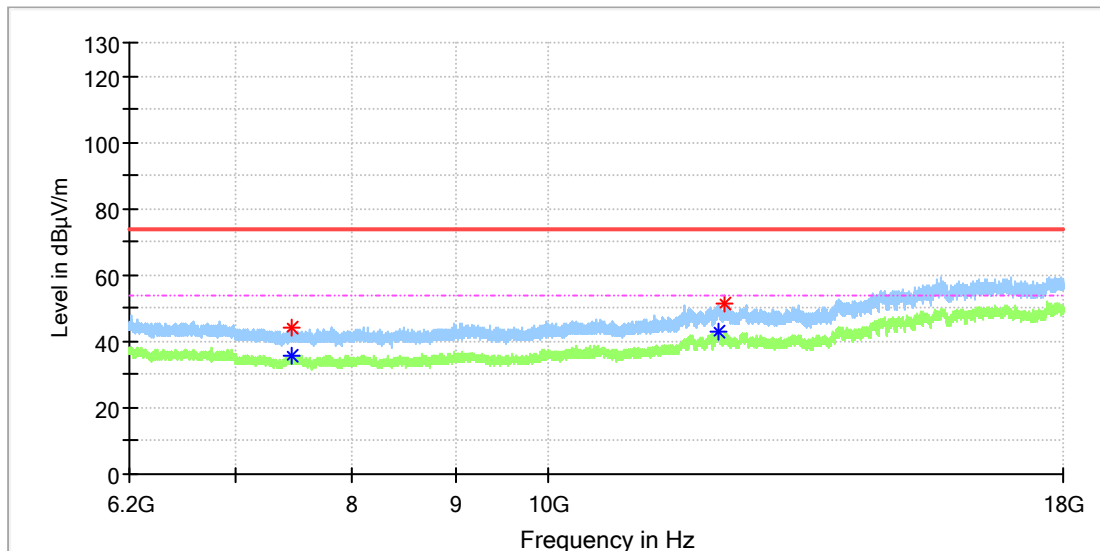
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1345.500000	---	36.88	54.00	17.12	150.0	V	185.0	3.9
1374.500000	45.76	---	74.00	28.24	150.0	V	79.0	3.8
2495.500000	---	45.38	54.00	8.62	150.0	V	212.0	10.2
2547.500000	53.08	---	74.00	20.92	150.0	V	84.0	10.5
4865.500000	52.67	---	74.00	21.33	150.0	V	146.0	13.3
4883.500000	---	41.11	54.00	12.89	150.0	V	292.0	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 Matrice 4TD
Model: M4TD
Test Mode: WIFI 2437MHz
Order No/Sample No: 168512858/A003882058-003
Test Voltage: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

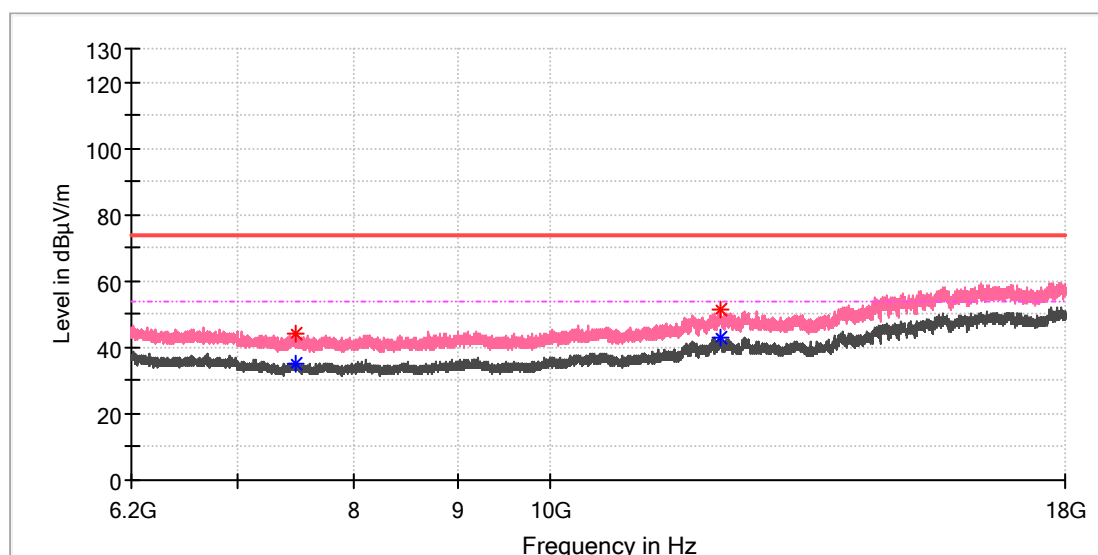
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7454.241667	44.22	---	74.00	29.78	150.0	H	127.0	8.5
7455.225000	---	35.53	54.00	18.47	150.0	H	342.0	8.5
12131.958333	---	43.09	54.00	10.91	150.0	H	47.0	16.3
12242.091667	51.47	---	74.00	22.53	150.0	H	297.0	16.1

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 Matrice 4TD
Model: M4TD
Test Mode: WIFI 2437MHz
Order No/Sample No: 168512858/A003882058-003
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)
7475.875000	---	35.33	54.00	18.67	150.0	V	89.0	8.6
7485.708333	44.44	---	74.00	29.56	150.0	V	2.0	8.7
12142.283333	---	42.69	54.00	11.31	150.0	V	56.0	16.5
12149.166667	51.61	---	74.00	22.39	150.0	V	148.0	16.7

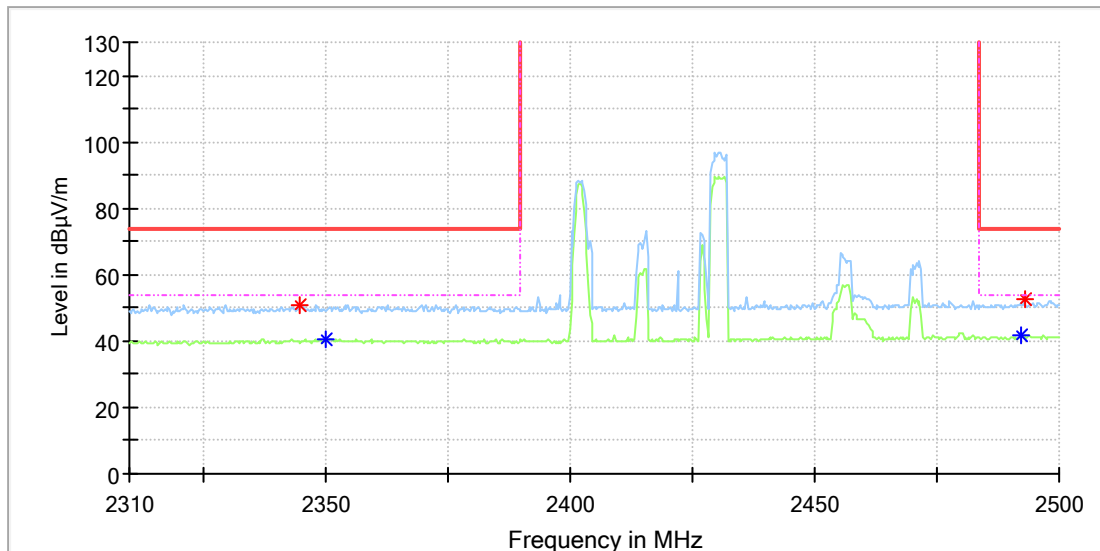
Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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Appendix C.6: Test Results of Radiated Emissions in Restricted Bands

EUT Information

EUT Name:	DJI Matrice 4TD
Model:	M4TD
Test Mode:	WIFI 2437MHz
Order No/Sample No:	168512858/A003882058-003
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

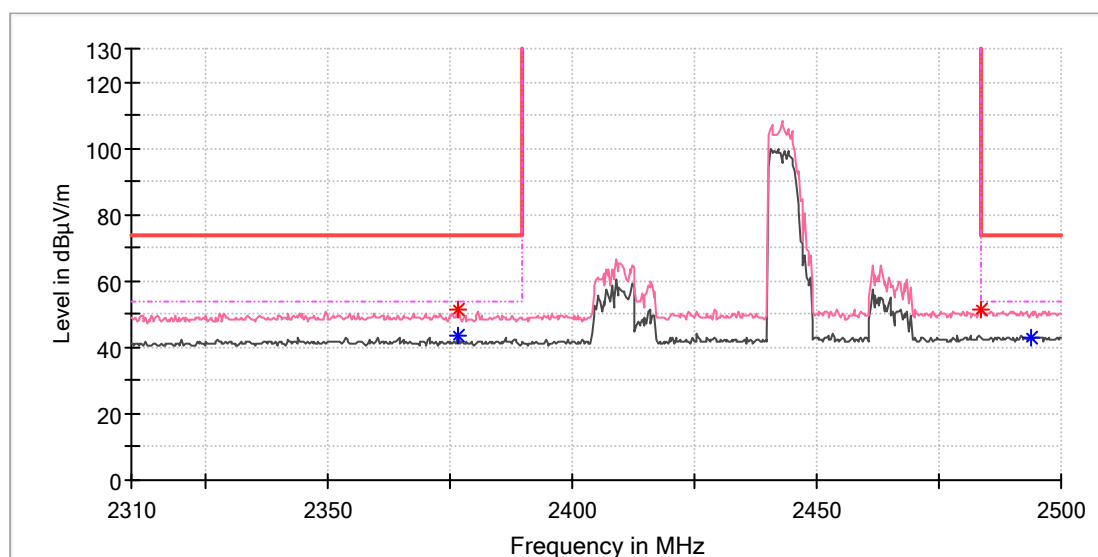
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2345.000000	51.04	---	74.00	22.96	150.0	H	17.0	8.4
2350.294118	---	40.57	54.00	13.43	150.0	H	126.0	8.5
2492.352941	---	41.60	54.00	12.40	150.0	H	188.0	9.0
2492.941177	52.40	---	74.00	21.60	150.0	H	55.0	9.0

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 Matrice 4TD
Model: M4TD
Test Mode: WIFI 2437MHz
Order No/Sample No: 168512858/A003882058-003
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)
2376.764706	---	43.49	54.00	10.51	150.0	V	296.0	8.5
2376.764706	51.33	---	74.00	22.67	150.0	V	296.0	8.5
2483.529412	51.17	---	74.00	22.83	150.0	V	193.0	9.0
2493.823529	---	43.20	54.00	10.80	150.0	V	124.0	9.0

Final Result

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