

Appendix A.5: Test Results of Radiated Spurious Emissions

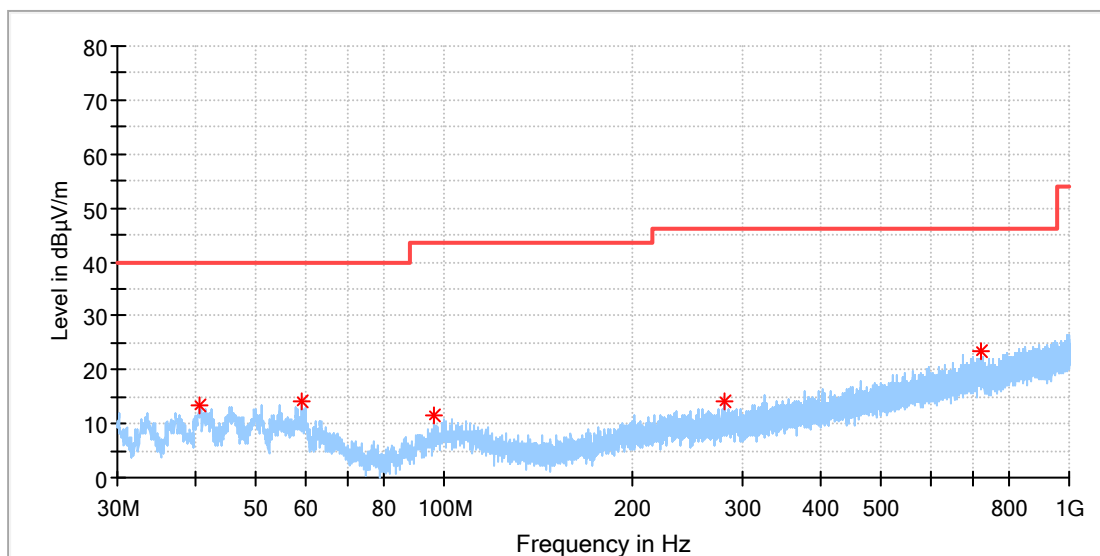
Note:

- 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 DOCK 2
Model:	DOCK-02
Test Mode:	BLE Mid CH
Order No/Sample No:	168435965
Test Voltage:	AC 120V, 60Hz
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

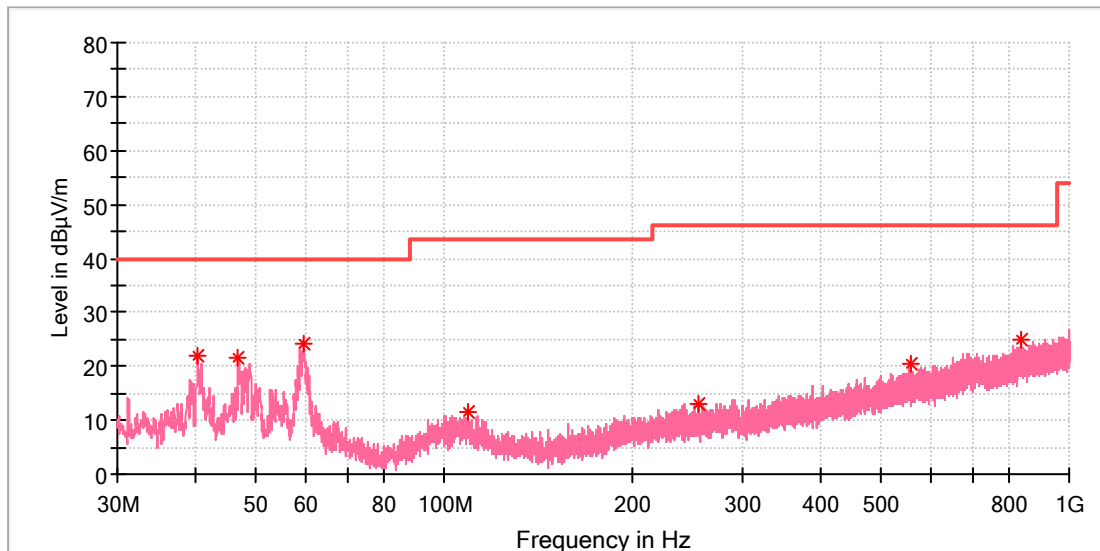
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
40.707308	13.49	40.00	26.51	100.0	H	64.0	-20.2
59.137308	14.01	40.00	25.99	100.0	H	55.0	-19.2
96.034615	11.48	43.50	32.02	100.0	H	82.0	-19.9
281.006154	14.04	46.00	31.96	100.0	H	238.0	-17.0
724.706539	23.34	46.00	22.66	100.0	H	309.0	-8.0

Final Result

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

EUT Name: DJI DOCK 2
Model: DOCK-02
Test Mode: BLE Mid CH
Order No/Sample No: 168435965
Test Voltage: AC 120V, 60Hz
Remark: Temp 24 Humi:50%
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)
40.334231	22.00	40.00	18.00	100.0	V	318.0	-20.3
46.863077	21.59	40.00	18.41	100.0	V	327.0	-18.9
59.585000	24.13	40.00	15.87	100.0	V	195.0	-19.2
109.390769	11.48	43.50	32.02	100.0	V	51.0	-19.4
254.629615	13.14	46.00	32.86	100.0	V	0.0	-17.6
559.694615	20.54	46.00	25.46	100.0	V	42.0	-11.0
836.629615	24.93	46.00	21.07	100.0	V	203.0	-6.1

Final Result

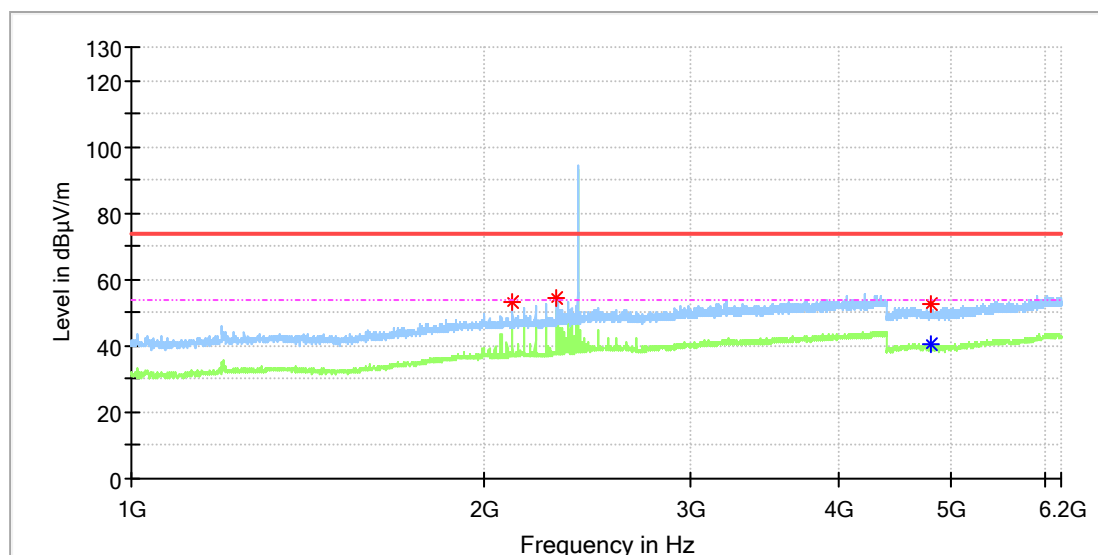
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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1GHz - 18GHz

Note: The highest waveform in the figure is Bluetooth Fundamental.

EUT Information

EUT Name:	DJI DOCK 2
Model:	DOCK-02
Test Mode:	BLE Low CH
Order No/Sample No:	168435965
Test Voltage:	AC 120V, 60Hz
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

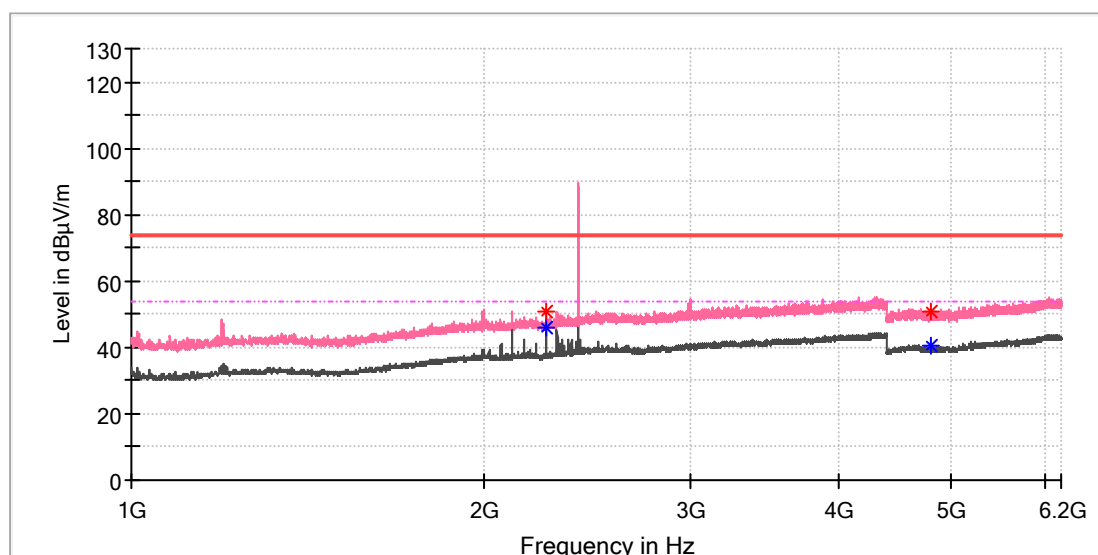
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2113.500000	53.51	---	74.00	20.49	150.0	H	55.0	6.1
2306.000000	54.55	---	74.00	19.45	150.0	H	55.0	6.4
4802.500000	52.35	---	74.00	21.65	150.0	H	308.0	11.8
4804.000000	---	40.24	54.00	13.76	150.0	H	334.0	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 DOCK 2
Model: DOCK-02
Test Mode: BLE Low CH
Order No/Sample No: 168435965
Test Voltage: AC 120V, 60Hz
Remark: Temp 24 Humi:50%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

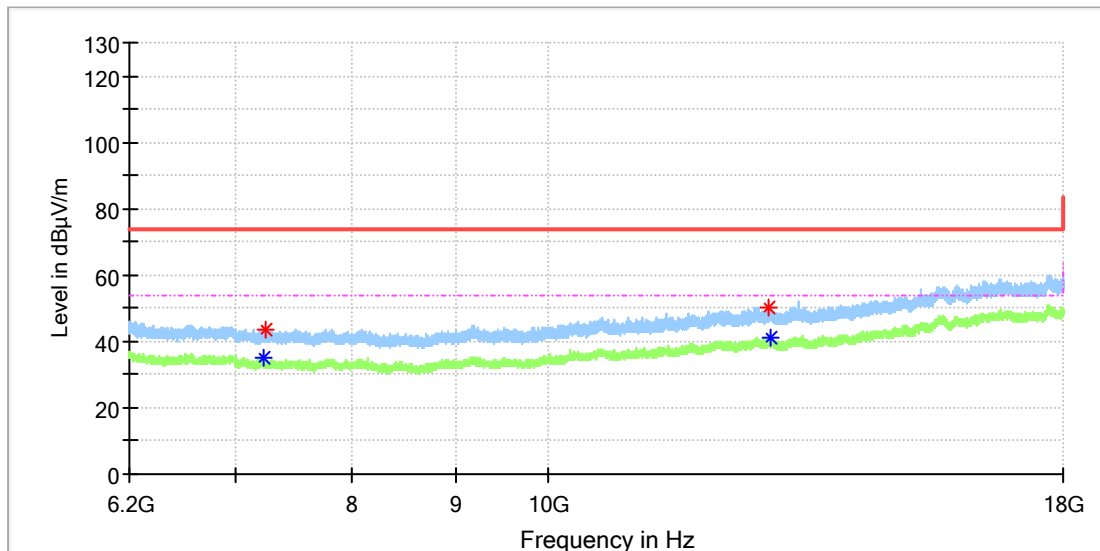
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2258.000000	---	45.92	54.00	8.08	150.0	V	301.0	6.4
2258.000000	50.65	---	74.00	23.35	150.0	V	301.0	6.4
4804.000000	---	40.46	54.00	13.54	150.0	V	4.0	11.8
4807.000000	50.98	---	74.00	23.02	150.0	V	281.0	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 DOCK 2
Model: DOCK-02
Test Mode: BLE Low CH
Order No/Sample No: 168435965
Test Voltage: AC 120V, 60Hz
Remark: Temp 24 Humi:50%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

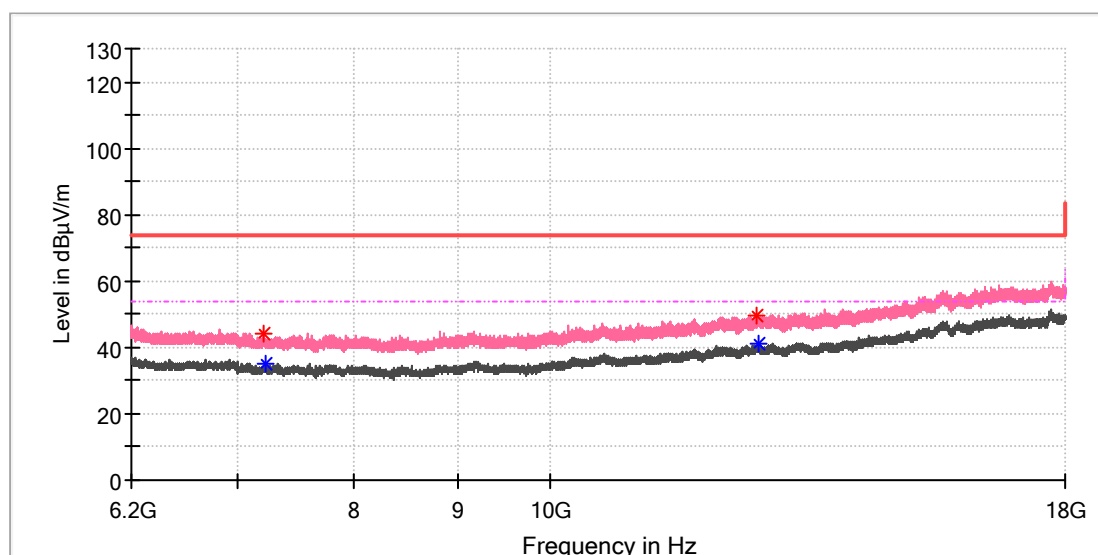
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7232.500000	---	35.15	54.00	18.85	150.0	H	8.0	8.6
7239.383333	43.59	---	74.00	30.41	150.0	H	0.0	8.6
12872.408333	50.43	---	74.00	23.57	150.0	H	184.0	15.4
12894.533333	---	41.03	54.00	12.97	150.0	H	221.0	15.5

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 DOCK 2
Model: DOCK-02
Test Mode: BLE Low CH
Order No/Sample No: 168435965
Test Voltage: AC 120V, 60Hz
Remark: Temp 24 Humi:50%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

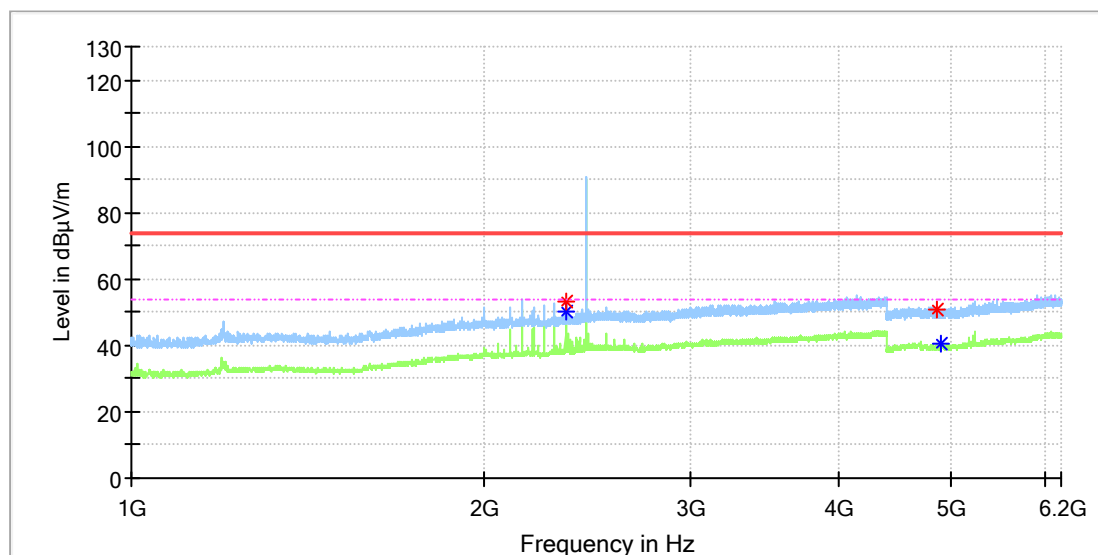
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7208.408333	43.95	---	74.00	30.05	150.0	V	115.0	8.8
7224.633333	---	34.85	54.00	19.15	150.0	V	68.0	8.7
12658.041667	49.58	---	74.00	24.42	150.0	V	55.0	15.0
12689.016667	---	41.17	54.00	12.83	150.0	V	296.0	15.1

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 DOCK 2
Model: DOCK-02
Test Mode: BLE Mid CH
Order No/Sample No: 168435965
Test Voltage: AC 120V, 60Hz
Remark: Temp 24 Humi:50%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

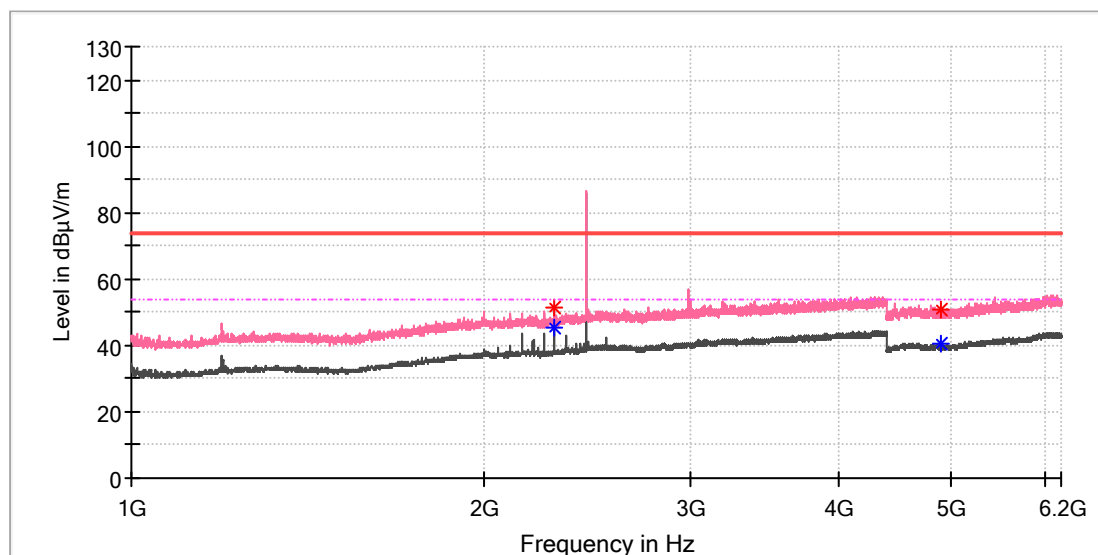
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2344.000000	53.27	---	74.00	20.73	150.0	H	37.0	6.9
2344.000000	---	49.91	54.00	4.09	150.0	H	37.0	6.9
4861.000000	50.64	---	74.00	23.36	150.0	H	244.0	11.8
4895.500000	---	40.30	54.00	13.70	150.0	H	179.0	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 DOCK 2
Model: DOCK-02
Test Mode: BLE Mid CH
Order No/Sample No: 168435965
Test Voltage: AC 120V, 60Hz
Remark: Temp 24 Humi:50%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

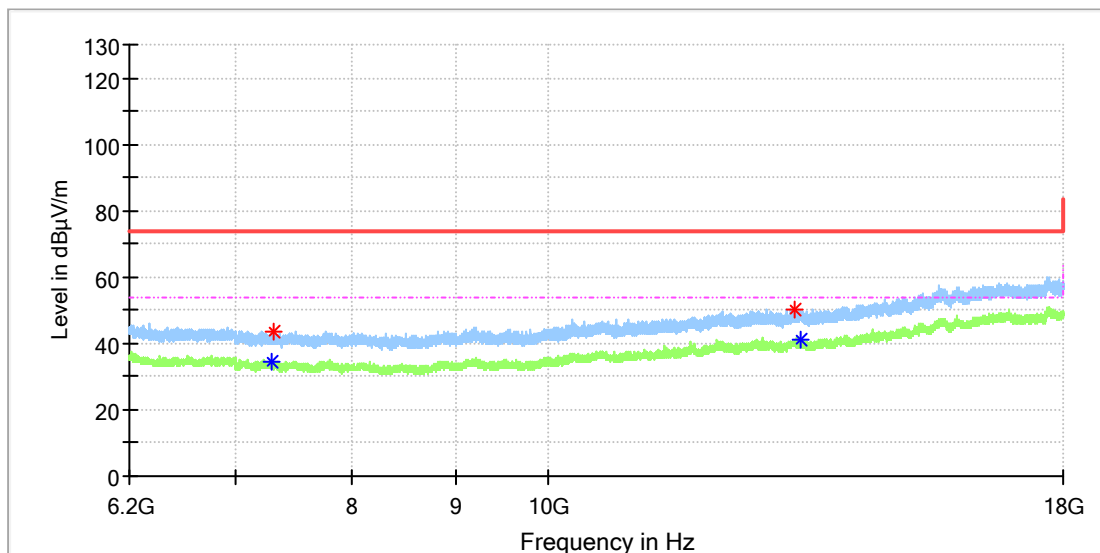
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2296.000000	---	45.33	54.00	8.67	150.0	V	34.0	6.4
2296.000000	51.36	---	74.00	22.64	150.0	V	34.0	6.4
4898.000000	---	40.21	54.00	13.79	150.0	V	183.0	11.8
4900.500000	50.92	---	74.00	23.08	150.0	V	0.0	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 DOCK 2
Model: DOCK-02
Test Mode: BLE Mid CH
Order No/Sample No: 168435965
Test Voltage: AC 120V, 60Hz
Remark: Temp 24 Humi:50%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

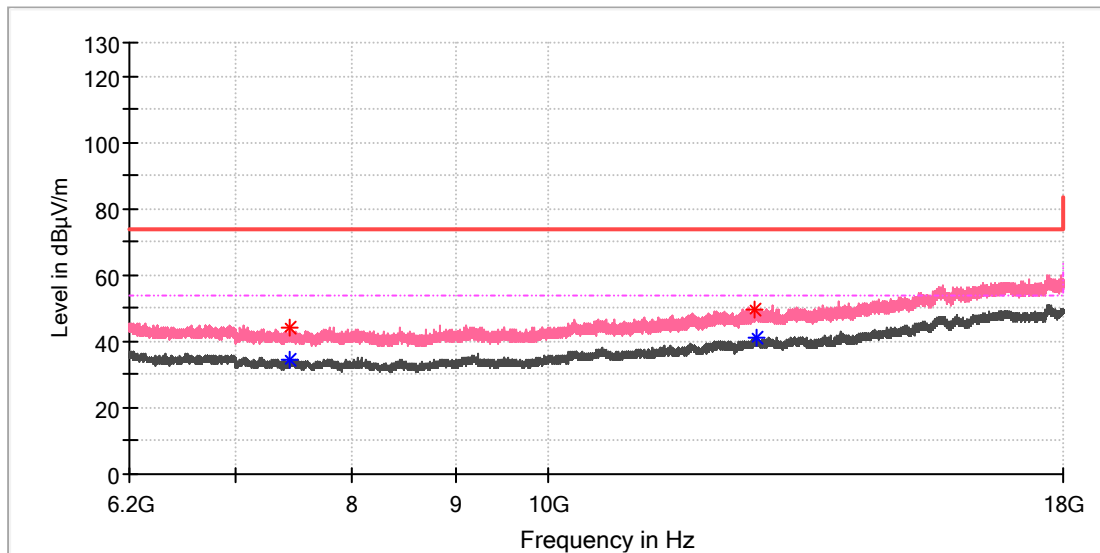
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7285.108333	---	34.74	54.00	19.26	150.0	H	0.0	8.4
7307.233333	43.46	---	74.00	30.54	150.0	H	3.0	8.3
13253.941667	50.31	---	74.00	23.69	150.0	H	25.0	15.5
13332.608333	---	41.37	54.00	12.63	150.0	H	60.0	15.5

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 DOCK 2
Model: DOCK-02
Test Mode: BLE Mid CH
Order No/Sample No: 168435965
Test Voltage: AC 120V, 60Hz
Remark: Temp 24 Humi:50%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

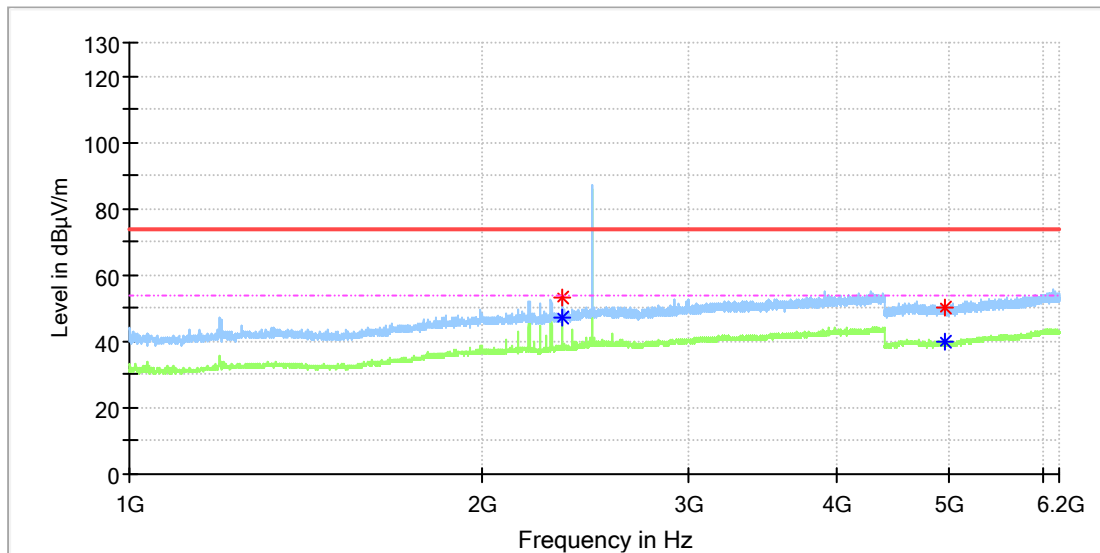
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7440.966667	44.35	---	74.00	29.65	150.0	V	135.0	8.4
7448.341667	---	34.24	54.00	19.76	150.0	V	219.0	8.5
12654.600000	49.83	---	74.00	24.17	150.0	V	278.0	15.0
12683.608333	---	41.03	54.00	12.97	150.0	V	135.0	15.1

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 DOCK 2
Model: DOCK-02
Test Mode: BLE High CH
Order No/Sample No: 168435965
Test Voltage: AC 120V, 60Hz
Remark: Temp 24 Humi:50%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

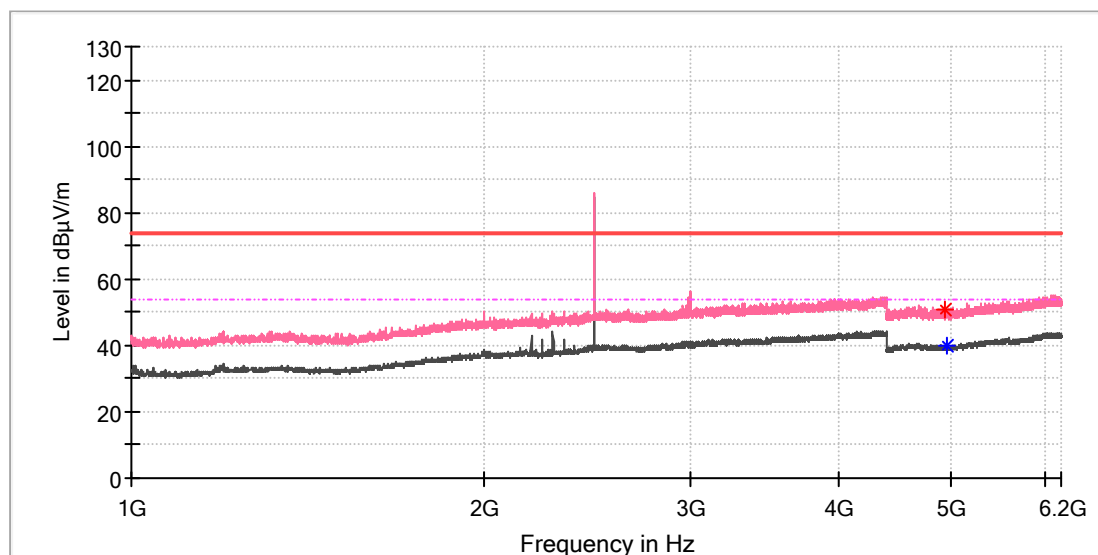
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2335.500000	---	47.45	54.00	6.55	150.0	H	36.0	6.8
2336.500000	53.05	---	74.00	20.95	150.0	H	20.0	6.8
4950.000000	50.35	---	74.00	23.65	150.0	H	320.0	11.8
4950.000000	---	39.82	54.00	14.18	150.0	H	320.0	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 DOCK 2
Model: DOCK-02
Test Mode: BLE High CH
Order No/Sample No: 168435965
Test Voltage: AC 120V, 60Hz
Remark: Temp 24 Humi:50%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

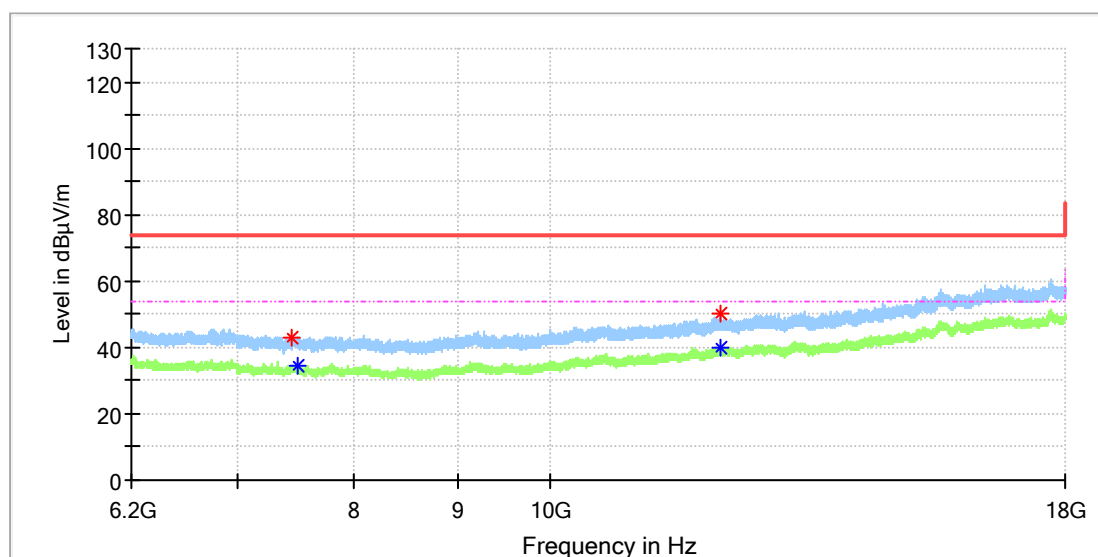
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4929.000000	51.07	---	74.00	22.93	150.0	V	57.0	11.8
4955.000000	---	40.03	54.00	13.97	150.0	V	337.0	11.8

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 DOCK 2
Model: DOCK-02
Test Mode: BLE High CH
Order No/Sample No: 168435965
Test Voltage: AC 120V, 60Hz
Remark: Temp 24 Humi:50%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

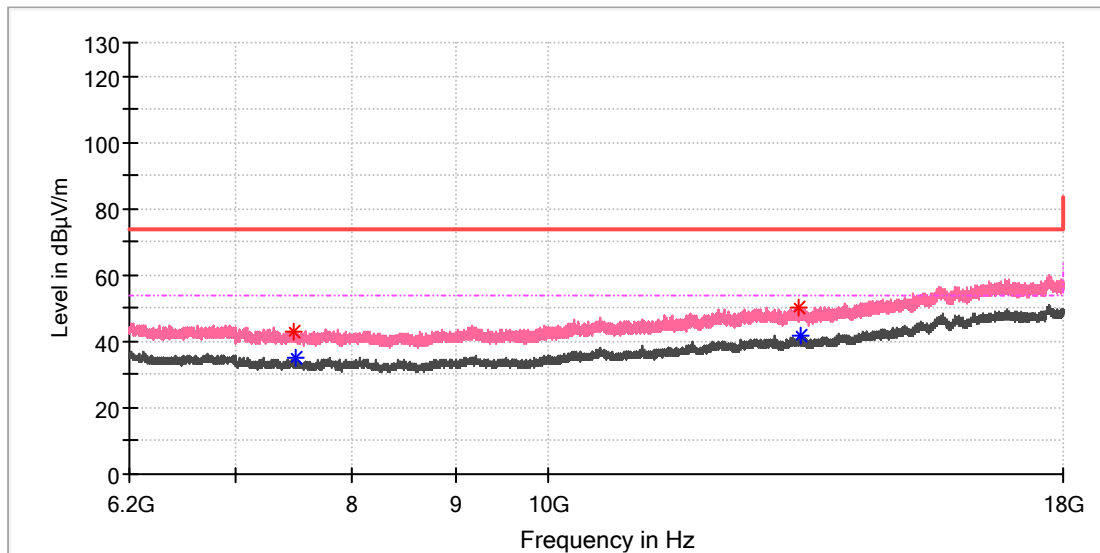
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7448.341667	43.04	---	74.00	30.96	150.0	H	80.0	8.5
7487.675000	---	34.39	54.00	19.61	150.0	H	6.0	8.7
12140.316667	50.49	---	74.00	23.51	150.0	H	225.0	14.4
12152.116667	---	39.94	54.00	14.06	150.0	H	314.0	14.4

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 DOCK 2
Model: DOCK-02
Test Mode: BLE High CH
Order No/Sample No: 168435965
Test Voltage: AC 120V, 60Hz
Remark: Temp 24 Humi:50%
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)
7476.858333	42.80	---	74.00	31.20	150.0	V	341.0	8.6
7487.675000	---	34.84	54.00	19.16	150.0	V	135.0	8.7
13294.258333	50.25	---	74.00	23.75	150.0	V	230.0	15.5
13324.741667	---	41.65	54.00	12.35	150.0	V	110.0	15.5

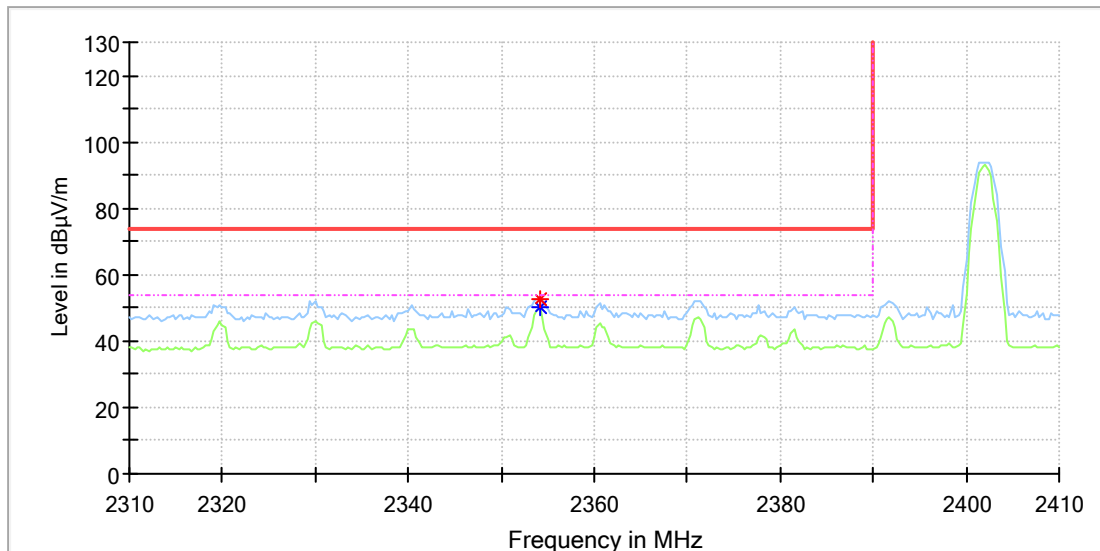
Final Result

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

EUT Information

EUT Name:	DJI DOCK 2
Model:	DOCK-02
Test Mode:	BLE Low CH
Order No/Sample No:	168435965
Test Voltage:	AC 120V, 60Hz
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

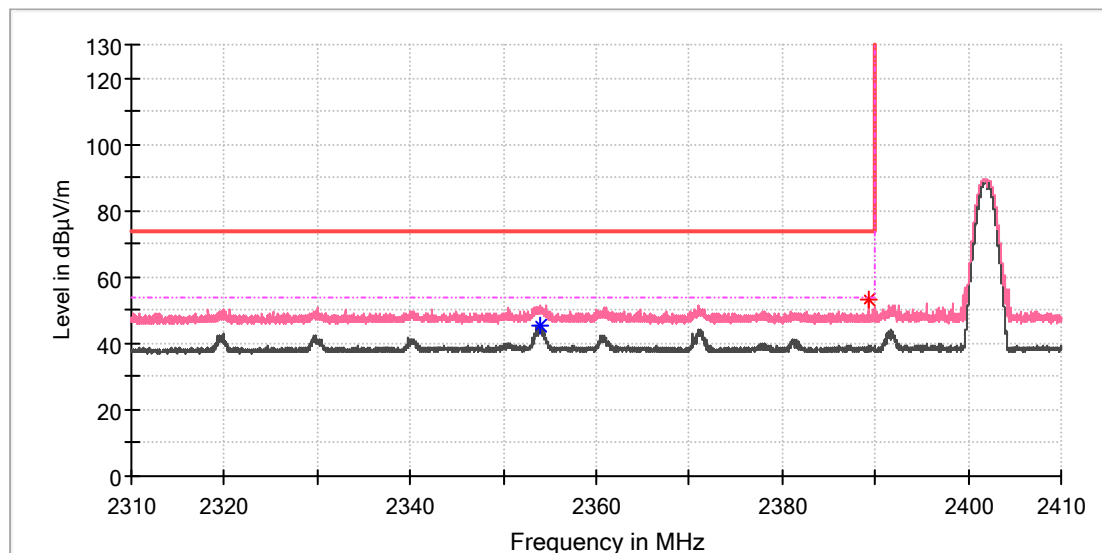
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2354.117647	52.88	---	74.00	21.12	150.0	H	37.0	6.9
2354.117647	---	49.93	54.00	4.07	150.0	H	37.0	6.9

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 DOCK 2
Model: DOCK-02
Test Mode: BLE Low CH
Order No/Sample No: 168435965
Test Voltage: AC 120V, 60Hz
Remark: Temp 24 Humi:50%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

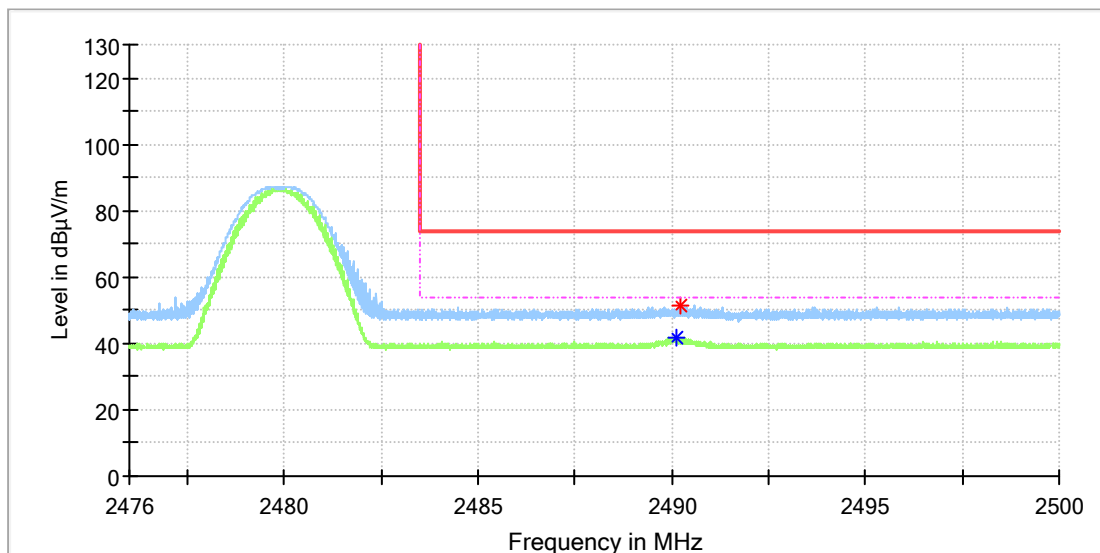
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2353.970588	---	45.53	54.00	8.47	150.0	V	317.0	6.9
2389.250000	52.93	---	74.00	21.07	150.0	V	288.0	7.0

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 DOCK 2
Model: DOCK-02
Test Mode: BLE High CH
Order No/Sample No: 168435965
Test Voltage: AC 120V, 60Hz
Remark: Temp 24 Humi:50%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

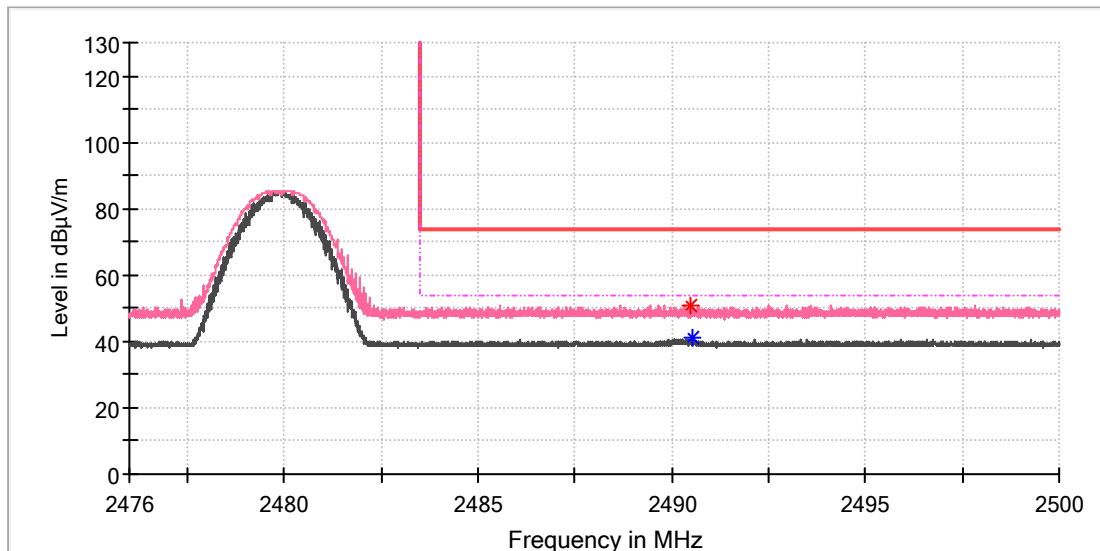
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2490.103530	---	42.02	54.00	11.98	150.0	H	18.0	7.4
2490.234118	51.27	---	74.00	22.73	150.0	H	40.0	7.4

Final Result

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

EUT Information

EUT Name: DJI DOCK 2
Model: DOCK-02
Test Mode: BLE High CH
Order No/Sample No: 168435965
Test Voltage: AC 120V, 60Hz
Remark: Temp 24 Humi:50%
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)
2490.460000	50.72	---	74.00	23.28	150.0	V	342.0	7.4
2490.512941	---	41.25	54.00	12.75	150.0	V	320.0	7.4

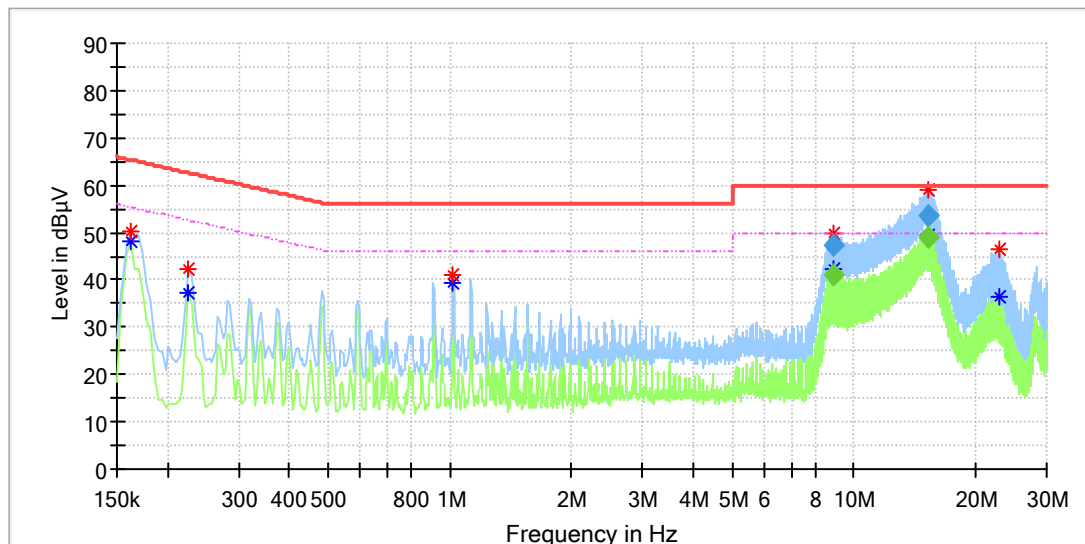
Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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Appendix A.7: Test Results of Conducted Emission on AC Mains

EUT Information

EUT Name	DJI DOCK 2
Order Number:	168435965(P01152360)
Model:	DOCK-02
Test Mode:	BT
Test Voltage:	AC 120V/60Hz
Test Standard:	FCC Part 15
Test By./Review By:	Soloman Wu/ Gary Chen
Tem./Hum./Pressure:	23.2°C/51.8%/101kPa
Remark:	SR1



Critical Freqs

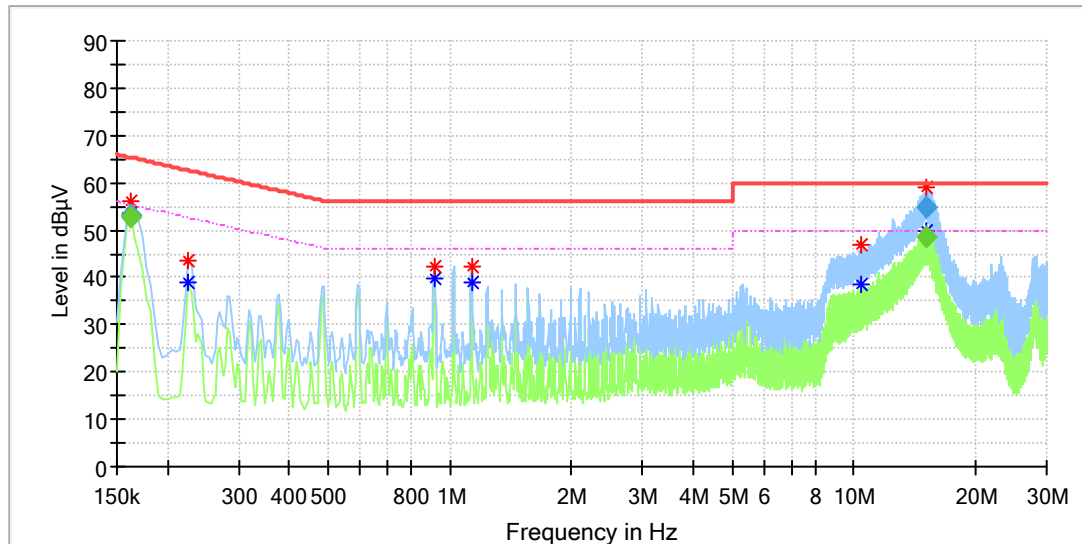
Frequency (MHz)	MaxPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)
0.162000	50.39	---	65.36	14.97	L1	9.7
0.162000	---	48.02	55.36	7.34	L1	9.7
0.226000	42.45	---	62.60	20.15	L1	9.8
0.226000	---	37.28	52.60	15.32	L1	9.8
1.020000	40.84	---	56.00	15.16	L1	9.7
1.020000	---	39.34	46.00	6.66	L1	9.7
8.858500	49.76	---	60.00	10.24	L1	9.9
8.858500	---	42.33	50.00	7.67	L1	9.9
15.214500	---	49.41	50.00	0.59	L1	10.1
15.222500	58.88	---	60.00	1.12	L1	10.1
22.824000	46.66	---	60.00	13.34	L1	10.6
22.824000	---	36.55	50.00	13.45	L1	10.6

Final Result

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
8.858500	47.23	---	60.00	12.77	1000.0	9.000	L1	9.9
8.858500	---	41.18	50.00	8.82	1000.0	9.000	L1	9.9
15.214500	---	48.90	50.00	1.10	1000.0	9.000	L1	10.1
15.222500	53.75	---	60.00	6.25	1000.0	9.000	L1	10.1

EUT Information

EUT Name: DJI DOCK 2
Order Number: 168435965(P01152360)
Model: DOCK-02
Test Mode: BT
Test Voltage: AC 120V/60Hz
Test Standard: FCC Part 15
Test By:/Review By: Solomon Wu/ Gary Chen
Tem./Hum./Pressure: 23.2°C/51.8%/101kPa
Remark: SR1



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)
0.162000	---	53.78	55.36	1.58	N	9.8
0.162000	56.15	---	65.36	9.21	N	9.8
0.226000	---	38.95	52.60	13.65	N	9.7
0.226000	43.63	---	62.60	18.97	N	9.7
0.916000	---	39.78	46.00	6.22	N	9.6
0.916000	42.07	---	56.00	13.93	N	9.6
1.132000	---	38.79	46.00	7.21	N	9.7
1.132000	42.29	---	56.00	13.71	N	9.7
10.388000	---	38.58	50.00	11.42	N	10.1
10.388000	46.99	---	60.00	13.01	N	10.1
15.102500	---	49.92	50.00	0.08	N	10.1
15.102500	58.97	---	60.00	1.03	N	10.1

Final Result

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.162000	53.24	---	65.36	12.12	1000.0	9.000	N	9.8
0.162000	---	52.55	55.36	2.81	1000.0	9.000	N	9.8
15.102500	---	48.76	50.00	1.24	1000.0	9.000	N	10.1
15.102500	54.75	---	60.00	5.25	1000.0	9.000	N	10.1