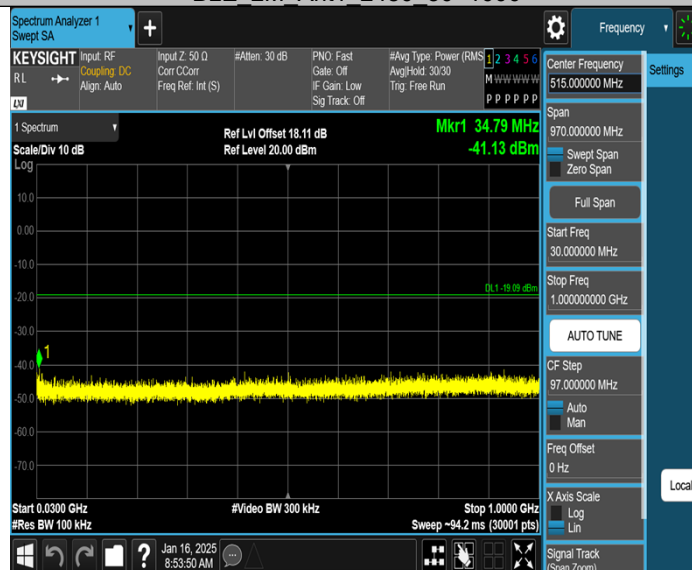


BLE 2M Ant1 2480 0~Reference



BLE 2M Ant1 2480 30~1000



BLE 2M Ant1 2480 1000~26500



Appendix A.5: Test Results of Radiated Spurious Emissions

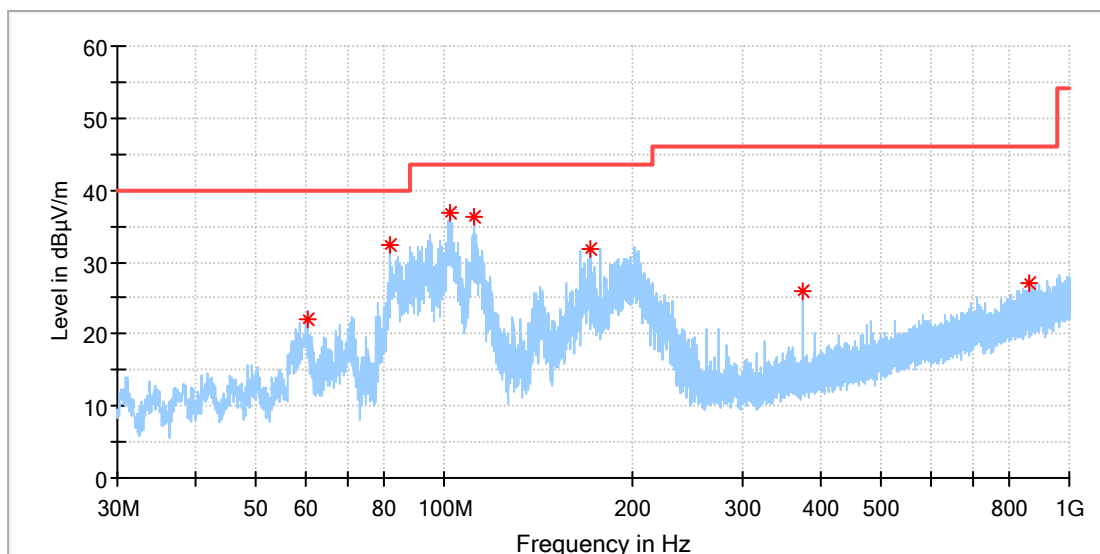
Note:

- 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 3
Model: DOCK-03
Test Mode: BLE 1M_Mid channel
Order No/Sample No: 168512858/A003882058-014
Test Voltage: AC 120V, 60Hz
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

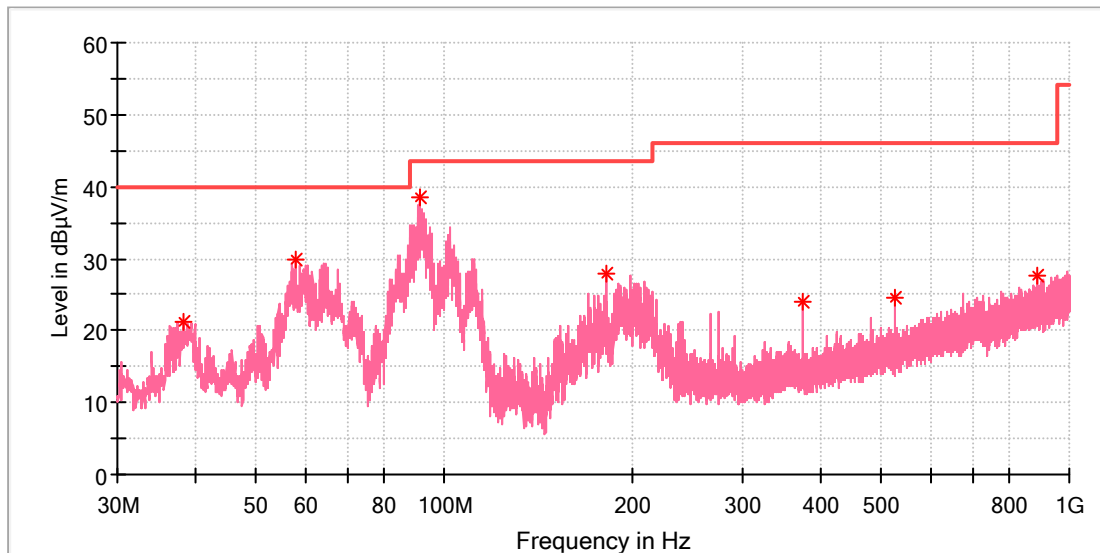
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
60.331154	22.15	40.00	17.85	100.0	H	336.0	-19.2
82.006923	32.50	40.00	7.50	100.0	H	202.0	-23.1
101.854615	36.89	43.50	6.61	100.0	H	92.0	-19.0
111.293462	36.42	43.50	7.08	100.0	H	157.0	-19.4
171.284231	31.83	43.50	11.67	100.0	H	251.0	-21.3
375.021539	25.97	46.00	20.03	100.0	H	84.0	-14.3
864.237308	27.03	46.00	18.97	100.0	H	164.0	-5.2

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 DOCK 3
Model: DOCK-03
Test Mode: BLE 1M_Mid channel
Order No/Sample No: 168512858/A003882058-014
Test Voltage: AC 120V, 60Hz
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)
38.356923	21.11	40.00	18.89	100.0	V	175.0	-20.7
57.794231	29.92	40.00	10.08	100.0	V	283.0	-18.9
91.184615	38.51	43.50	4.99	100.0	V	51.0	-20.8
181.879615	27.98	43.50	15.52	100.0	V	0.0	-20.4
375.021539	24.08	46.00	21.92	100.0	V	298.0	-14.3
524.998462	24.60	46.00	21.40	100.0	V	143.0	-11.3
887.218846	27.64	46.00	18.36	100.0	V	267.0	-4.9

Final Result

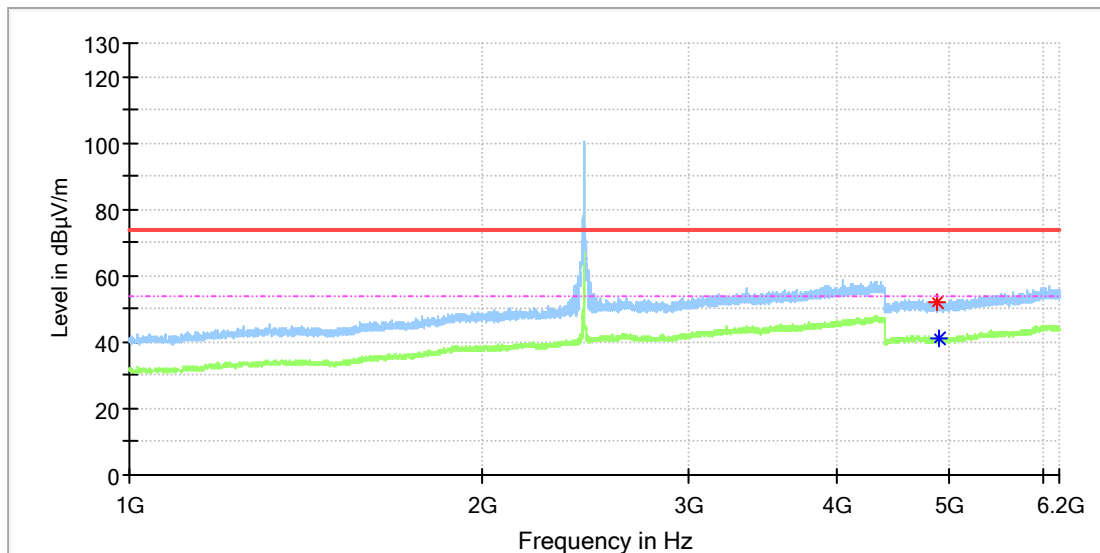
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---	---	---

1GHz - 18GHz

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

EUT Information

EUT Name:	DJI DOCK 3
Model:	DOCK-03
Test Mode:	BLE 1M_Mid channel
Order No/Sample No:	168512858/A003882058-014
Test Voltage:	AC 120V, 60Hz
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

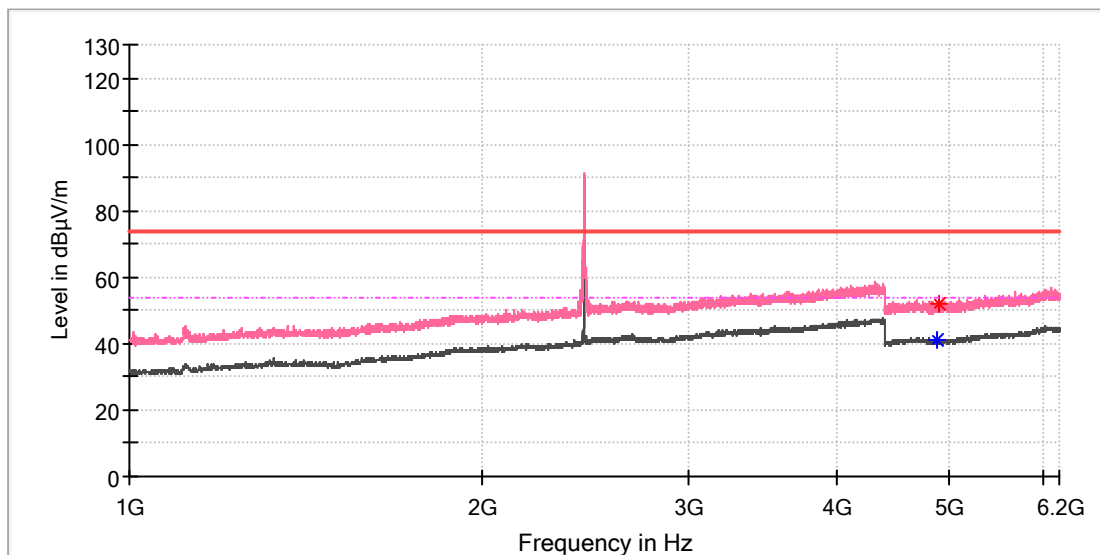
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4877.500000	52.29	---	74.00	21.71	150.0	H	207.0	13.3
4897.500000	---	41.07	54.00	12.93	150.0	H	299.0	13.3

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 DOCK 3
Model: DOCK-03
Test Mode: BLE 1M_Mid channel
Order No/Sample No: 168512858/A003882058-014
Test Voltage: AC 120V, 60Hz
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

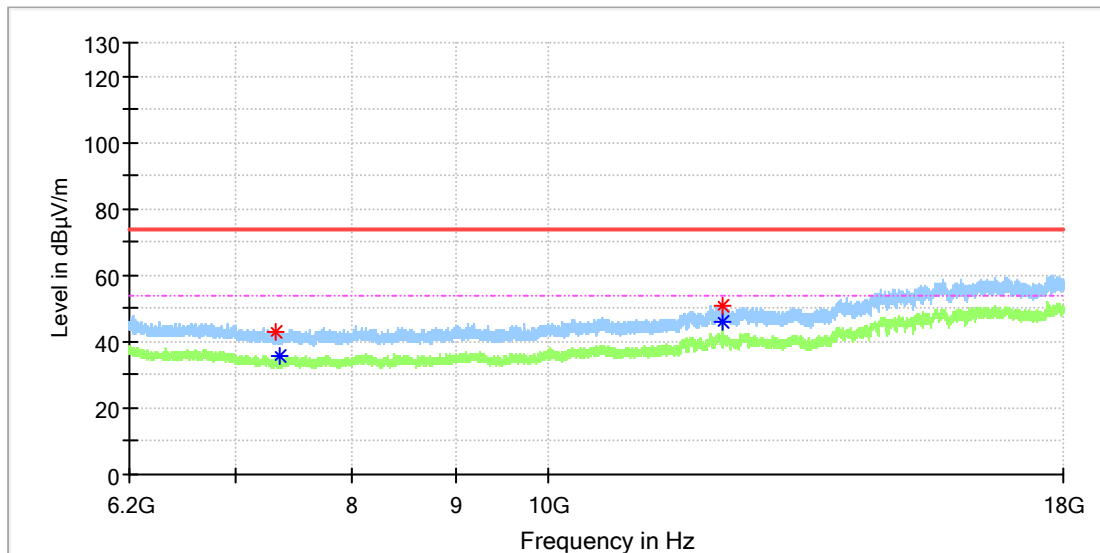
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4871.500000	---	41.40	54.00	12.60	150.0	V	194.0	13.3
4897.000000	51.73	---	74.00	22.27	150.0	V	323.0	13.3

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 DOCK 3
Model: DOCK-03
Test Mode: BLE 1M_Mid channel
Order No/Sample No: 168512858/A003882058-014
Test Voltage: AC 120V, 60Hz
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

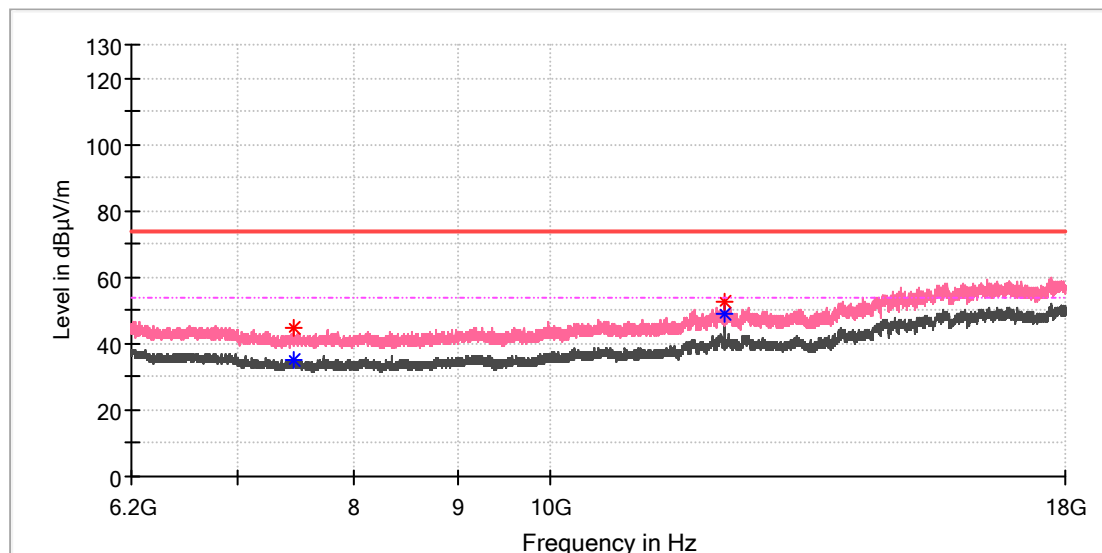
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7331.325000	43.00	---	74.00	31.00	150.0	H	170.0	8.1
7356.891667	---	35.71	54.00	18.29	150.0	H	57.0	8.1
12199.316667	50.50	---	74.00	23.50	150.0	H	202.0	15.6
12200.300000	---	46.01	54.00	7.99	150.0	H	202.0	15.7

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 DOCK 3
Model: DOCK-03
Test Mode: BLE 1M_Mid channel
Order No/Sample No: 168512858/A003882058-014
Test Voltage: AC 120V, 60Hz
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)
7455.716667	---	35.10	54.00	18.90	150.0	V	92.0	8.5
7461.125000	44.69	---	74.00	29.31	150.0	V	352.0	8.5
12199.808333	---	48.78	54.00	5.22	150.0	V	159.0	15.6
12200.300000	52.40	---	74.00	21.60	150.0	V	159.0	15.7

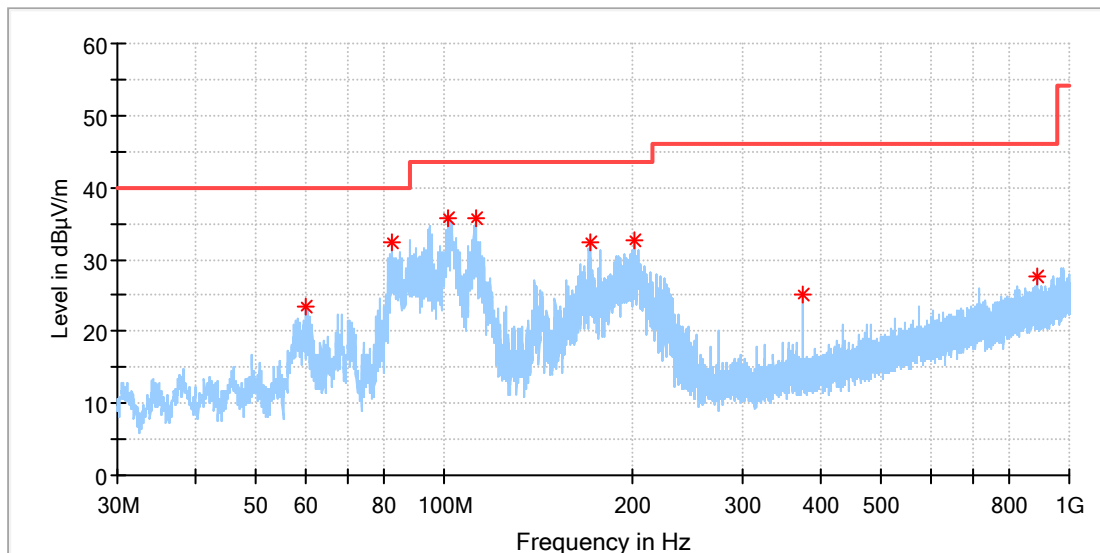
Final_Result

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

30MHz - 1GHz for co-location

EUT Information

EUT Name:	DJI DOCK 3
Model:	DOCK-03
Test Mode:	SDR 5G+BLE
Order No/Sample No:	168512858/A003882058-014
Test Voltage:	AC 120V, 60Hz
Remark:	Temp 23 Humi:53%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

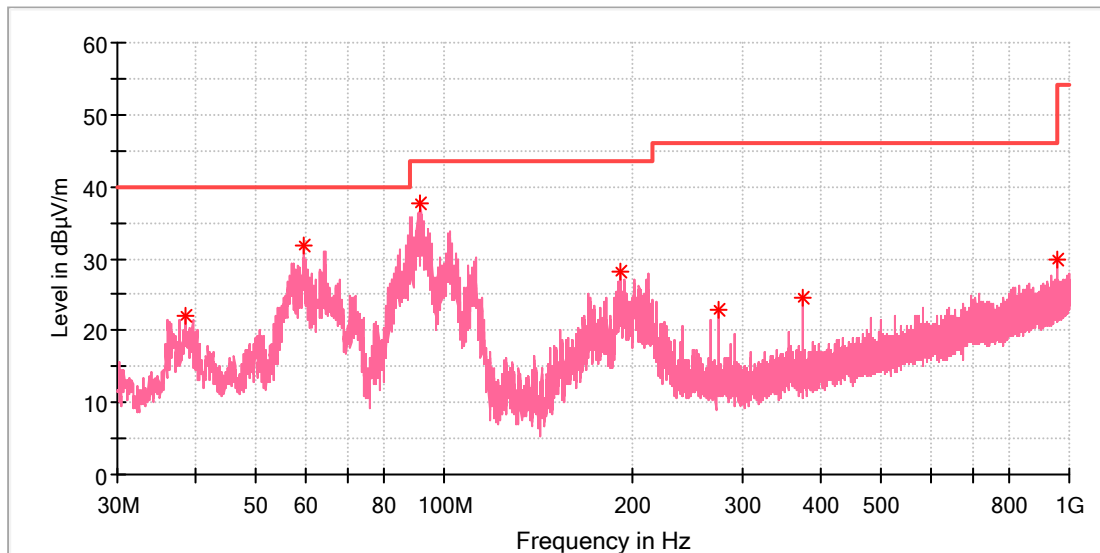
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
60.032692	23.57	40.00	16.43	100.0	H	320.0	-19.1
82.342692	32.28	40.00	7.72	100.0	H	204.0	-23.1
101.220385	35.74	43.50	7.76	100.0	H	124.0	-19.1
112.188846	35.75	43.50	7.75	100.0	H	148.0	-19.5
171.284231	32.42	43.50	11.08	100.0	H	260.0	-21.3
201.466154	32.52	43.50	10.98	100.0	H	358.0	-19.1
375.021539	25.14	46.00	20.86	100.0	H	0.0	-14.3
888.599231	27.64	46.00	18.36	100.0	H	188.0	-4.9

Final Result

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

EUT Information

EUT Name: DJI DOCK 3
Model: DOCK-03
Test Mode: SDR 5G+BLE
Order No/Sample No: 168512858/A003882058-014
Test Voltage: AC 120V, 60Hz
Remark: Temp 23 Humi:53%
Test Standard: FCC Part 15C
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)
38.506154	22.05	40.00	17.95	100.0	V	219.0	-20.6
59.734231	31.85	40.00	8.15	100.0	V	37.0	-19.1
91.781539	37.71	43.50	5.79	100.0	V	114.0	-20.6
191.355769	28.22	43.50	15.28	100.0	V	73.0	-19.6
274.999615	22.88	46.00	23.12	100.0	V	250.0	-16.8
375.021539	24.46	46.00	21.54	100.0	V	290.0	-14.3
960.006154	29.86	54.00	24.14	100.0	V	20.0	-4.1

Final Result

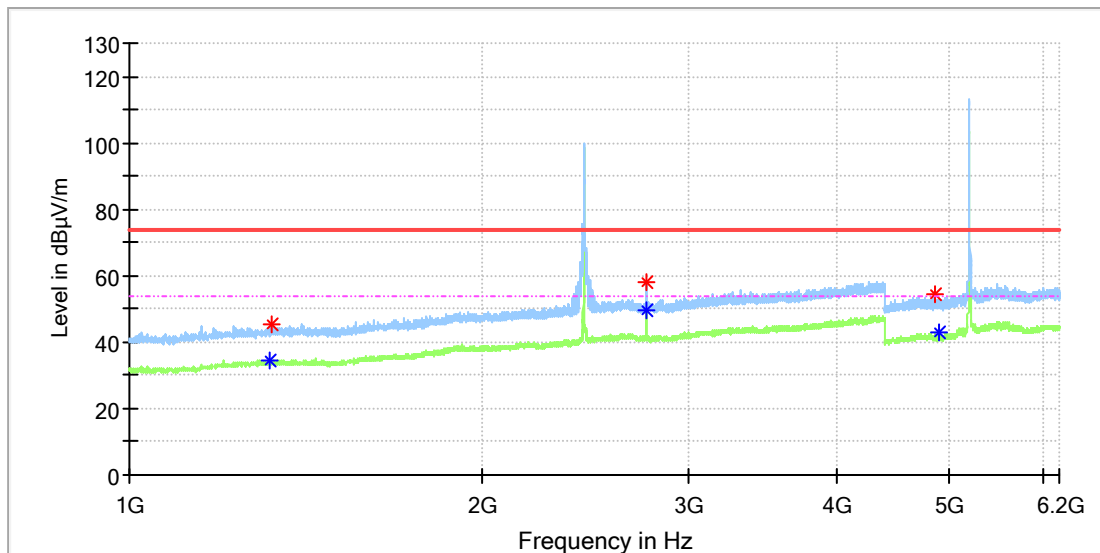
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---	---	---

1GHz - 18GHz for co-location

Note: The highest waveform in the figure is Bluetooth / 5GHz SDR Fundamental.

EUT Information

EUT Name:	DJI DOCK 3
Model:	DOCK-03
Test Mode:	SDR 5G+BLE
Order No/Sample No:	168512858/A003882058-014
Test Voltage:	AC 120V, 60Hz
Remark:	Temp 23 Humi:53%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

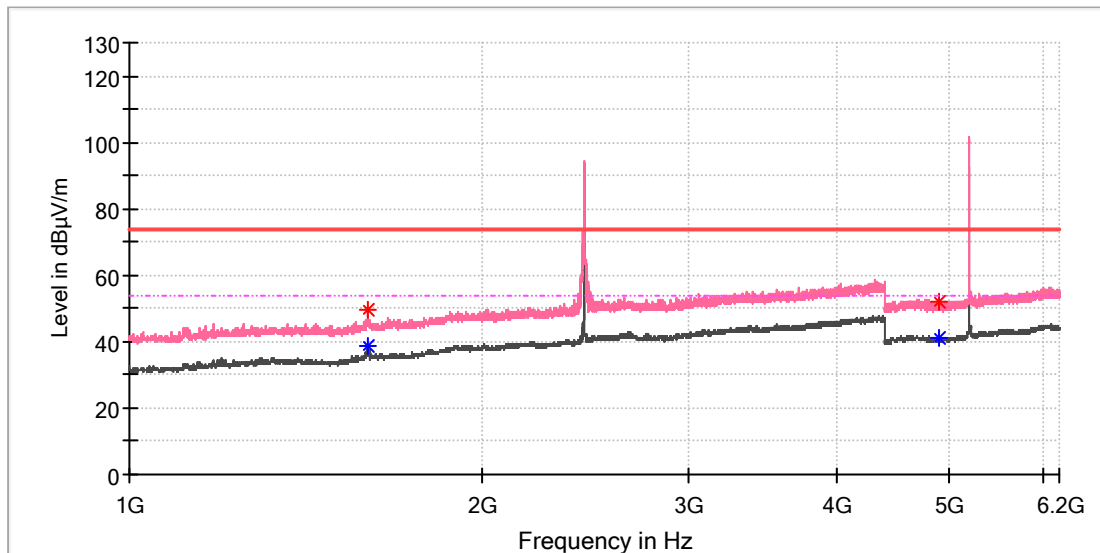
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1319.000000	---	34.39	54.00	19.61	150.0	H	253.0	2.9
1320.000000	45.24	---	74.00	28.76	150.0	H	158.0	2.9
2759.500000	57.84	---	74.00	16.16	150.0	H	320.0	9.8
2760.000000	---	49.64	54.00	4.36	150.0	H	314.0	9.8
4852.500000	54.13	---	74.00	19.87	150.0	H	345.0	13.3
4901.000000	---	42.63	54.00	11.37	150.0	H	330.0	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 DOCK 3
Model: DOCK-03
Test Mode: SDR 5G+BLE
Order No/Sample No: 168512858/A003882058-014
Test Voltage: AC 120V, 60Hz
Remark: Temp 23 Humi:53%
Test Standard: FCC Part 15C
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

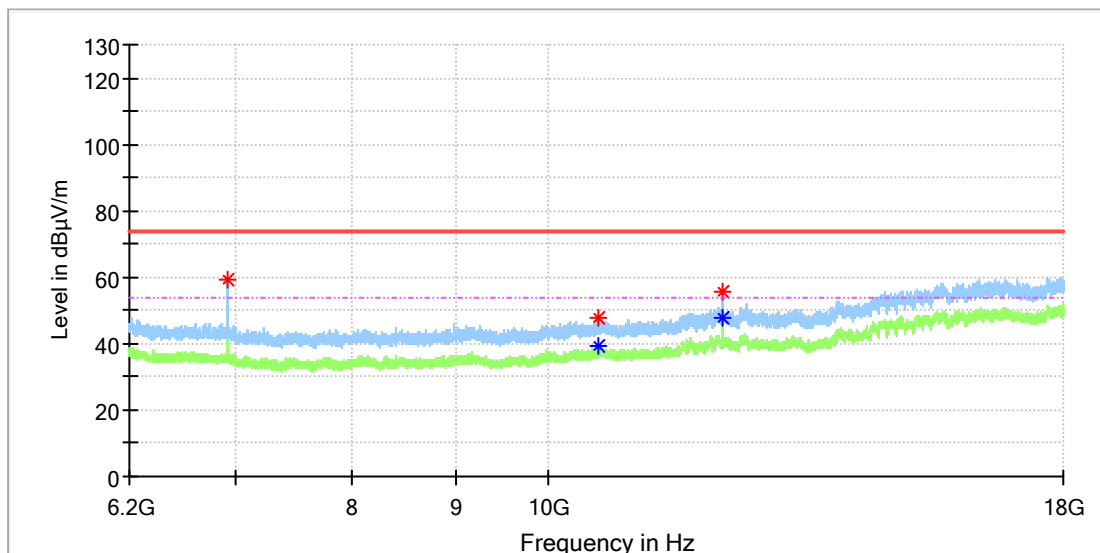
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1595.000000	---	38.96	54.00	15.04	150.0	V	192.0	3.8
1596.000000	49.49	---	74.00	24.51	150.0	V	192.0	3.8
4892.000000	51.89	---	74.00	22.11	150.0	V	66.0	13.3
4896.500000	---	41.25	54.00	12.75	150.0	V	308.0	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 DOCK 3
Model: DOCK-03
Test Mode: SDR 5G+BLE
Order No/Sample No: 168512858/A003882058-014
Test Voltage: AC 120V, 60Hz
Remark: Temp 23 Humi:53%
Test Standard: FCC Part 15C
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

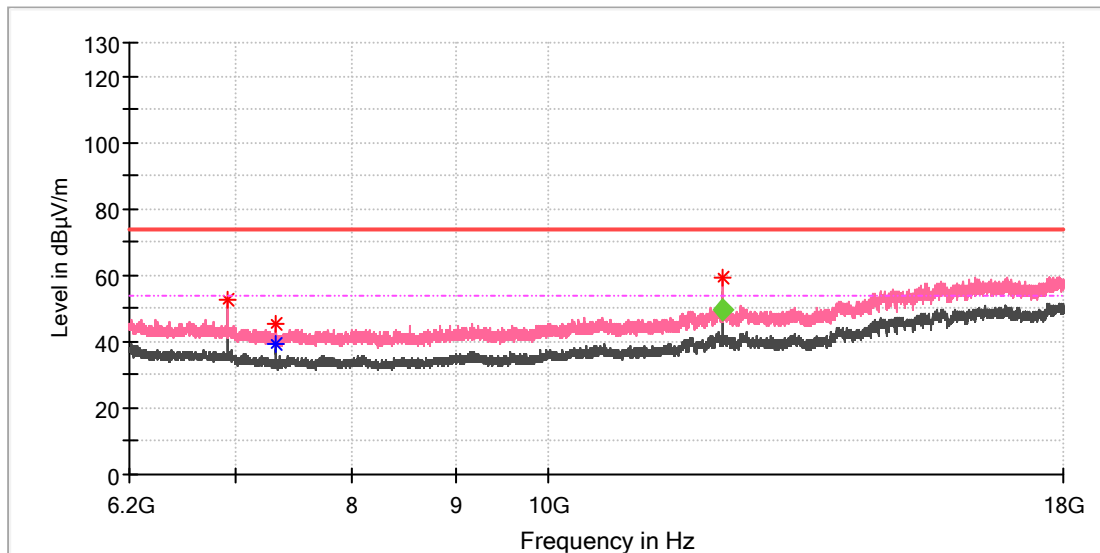
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
6933.075000	59.12	---	68.20	9.08	150.0	H	355.0	8.6
10578.783333	---	39.28	54.00	14.72	150.0	H	126.0	12.0
10582.225000	47.62	---	74.00	26.38	150.0	H	103.0	12.0
12201.775000	55.49	---	74.00	18.51	150.0	H	137.0	15.7
12201.775000	---	47.48	54.00	6.52	150.0	H	137.0	15.7

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 DOCK 3
Model: DOCK-03
Test Mode: SDR 5G+BLE
Order No/Sample No: 168512858/A003882058-014
Test Voltage: AC 120V, 60Hz
Remark: Temp 23 Humi:53%
Test Standard: FCC Part 15C
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	52.60	---	68.20	15.60	150.0	V	356.0	8.6
7319.525000	---	39.07	54.00	14.93	150.0	V	0.0	8.2
7319.525000	45.13	---	74.00	28.87	150.0	V	0.0	8.2
12198.825000	59.46	---	74.00	14.54	150.0	V	101.0	15.5

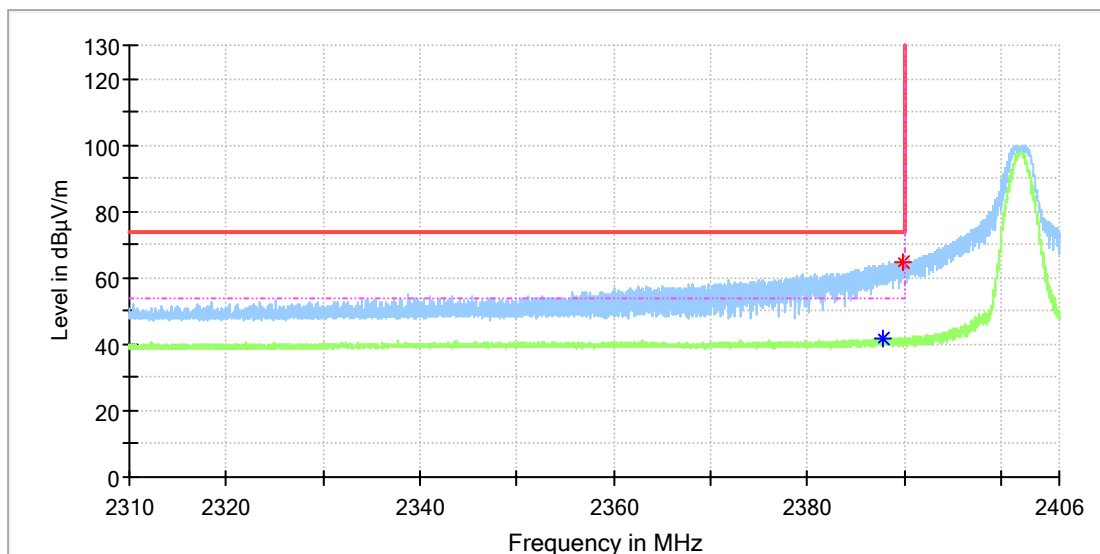
Final_Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
12199.801250	49.68	54.00	4.32	100.0	V	100.0	15.6

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

EUT Information

EUT Name:	DJI DOCK 3
Model:	DOCK-03
Test Mode:	BLE 2M_Low channel
Order No/Sample No:	168512858/A003882058-014
Test Voltage:	AC 120V, 60Hz
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

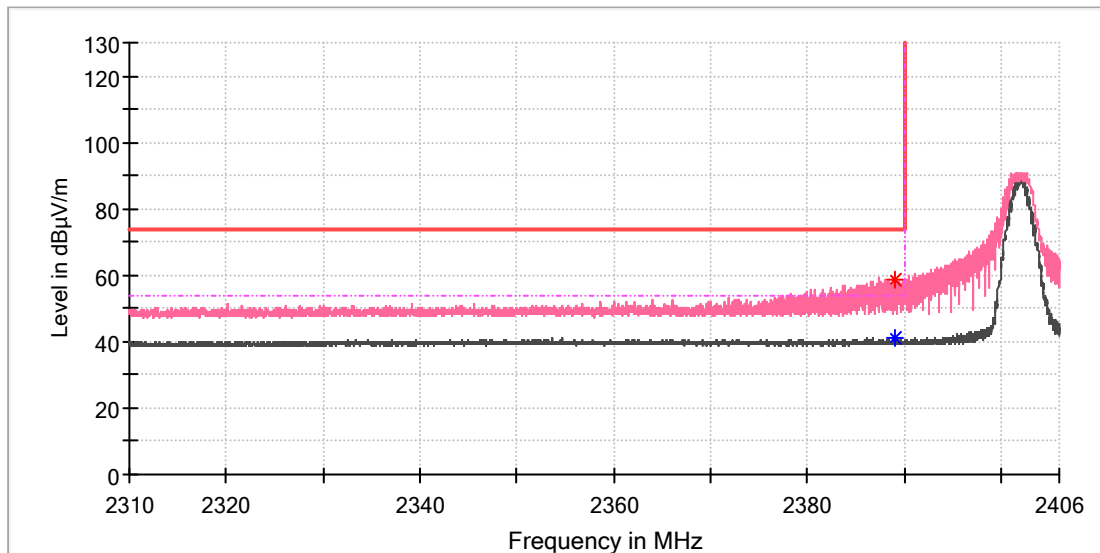
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2387.731765	---	41.70	54.00	12.30	150.0	H	208.0	8.5
2389.905882	64.74	---	74.00	9.26	150.0	H	202.0	8.5

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 3
Model: DOCK-03
Test Mode: BLE 2M_Low channel
Order No/Sample No: 168512858/A003882058-014
Test Voltage: AC 120V, 60Hz
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

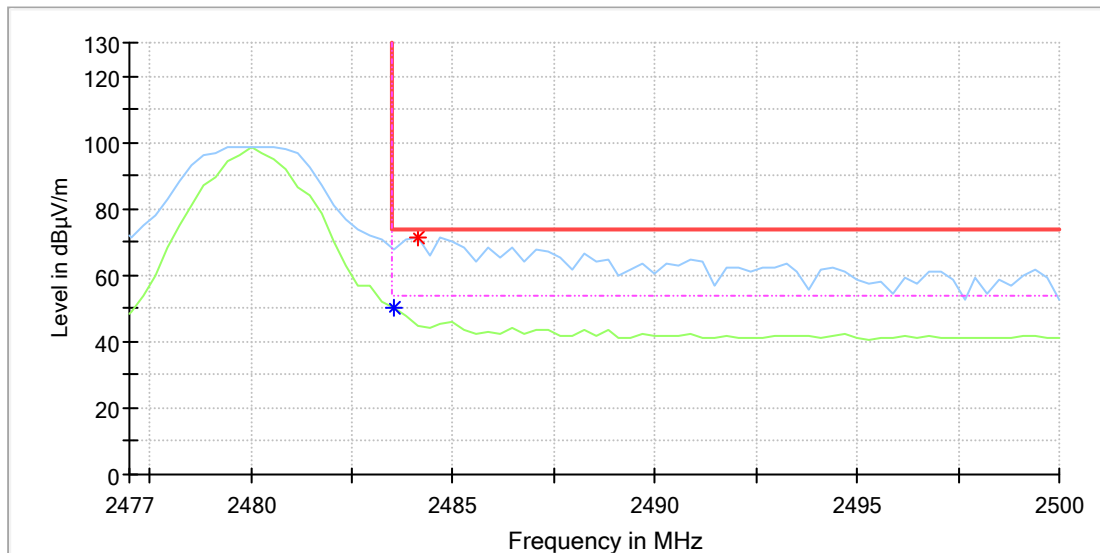
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2389.072941	58.85	---	74.00	15.15	150.0	V	179.0	8.5
2389.115294	---	41.06	54.00	12.94	150.0	V	135.0	8.5

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 3
Model: DOCK-03
Test Mode: BLE 2M_High channel
Order No/Sample No: 168512858/A003882058-014
Test Voltage: AC 120V, 60Hz
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

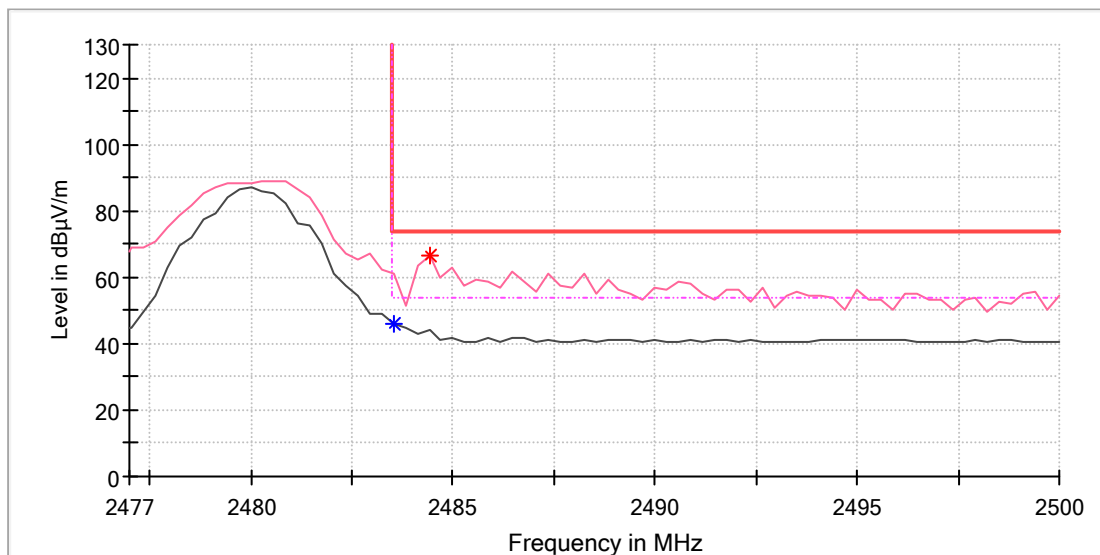
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.529412	---	50.46	54.00	3.54	150.0	H	5.0	9.0
2484.117647	71.29	---	74.00	2.71	150.0	H	26.0	9.0

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 DOCK 3
Model: DOCK-03
Test Mode: BLE 2M_High channel
Order No/Sample No: 168512858/A003882058-014
Test Voltage: AC 120V, 60Hz
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.529412	---	45.67	54.00	8.33	150.0	V	219.0	9.0
2484.411765	66.52	---	74.00	7.48	150.0	V	162.0	9.0

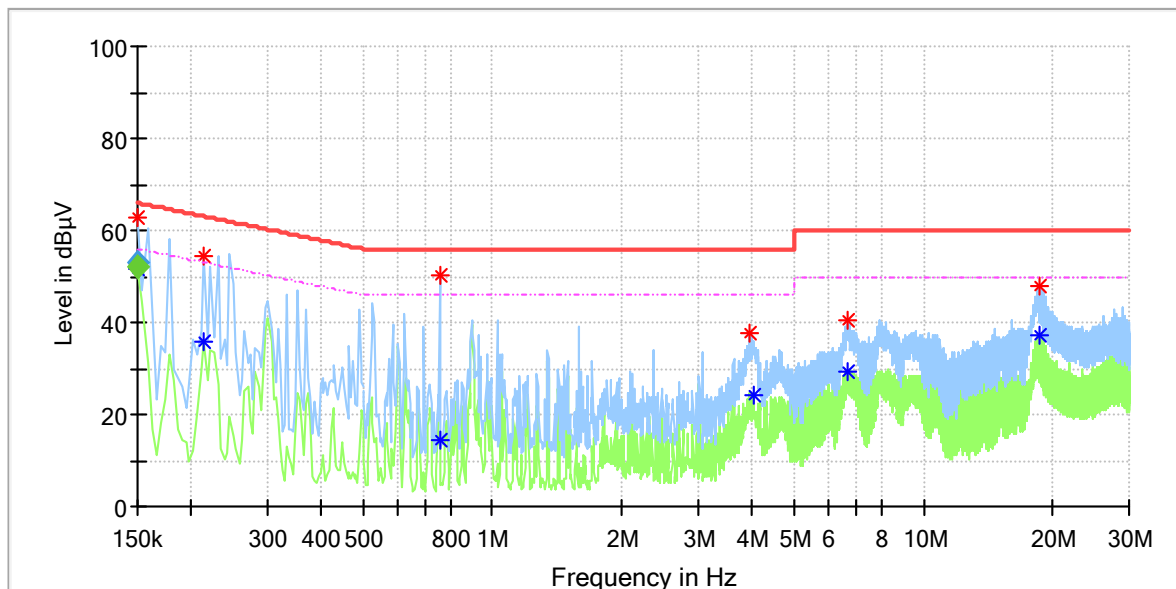
Final Result

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

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

EUT Information

EUT Name	DJI DOCK 3
Order Number:	168512858 510
Model:	DOCK-03
Test Mode:	5GHz SDR Link
Test Voltage:	AC 120V/60Hz
Test Standard:	FCC Part 15C
Test By:/Review By:	Soloman Wu/Shower Dai
Tem./Hum./Pressure:	23.2°C/49.1%/101kPa
Remark:	SR2



Critical Freqs

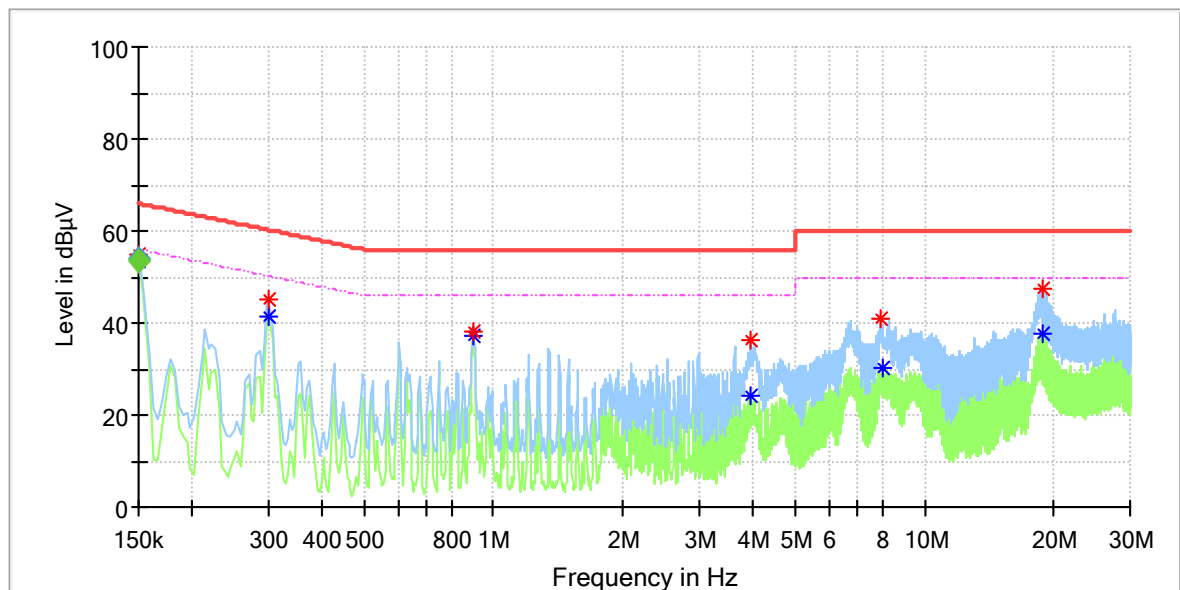
Frequency (MHz)	MaxPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)
0.150000	---	51.78	56.00	4.22	L1	10.2
0.150000	62.62	---	66.00	3.38	L1	10.2
0.214000	54.50	---	63.05	8.55	L1	10.3
0.214000	---	35.69	53.05	17.36	L1	10.3
0.756000	50.29	---	56.00	5.71	L1	10.3
0.756000	---	14.23	46.00	31.77	L1	10.3
3.960000	37.46	---	56.00	18.54	L1	10.4
4.032000	---	24.28	46.00	21.72	L1	10.4
6.680000	---	29.26	50.00	20.74	L1	10.5
6.704000	40.26	---	60.00	19.74	L1	10.5
18.544000	---	37.32	50.00	12.68	L1	11.0
18.548000	47.70	---	60.00	12.30	L1	11.0

Final Result

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.150000	53.13	---	66.00	12.87	1000.0	9.000	L1	10.2
0.150000	---	52.14	56.00	3.86	1000.0	9.000	L1	10.2

EUT Information

EUT Name: DJI DOCK 3
Order Number: 168512858 510
Model: DOCK-03
Test Mode: 5GHz SDR Link
Test Voltage: AC 120V/60Hz
Test Standard: FCC Part 15C
Test By./Review By: Soloman Wu/Shower Dai
Tem./Hum./Pressure: 23.2°C/49.1%/101kPa
Remark: SR2



Critical Freqs

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.150000	---	53.66	56.00	2.34	N	10.2
0.150000	54.78	---	66.00	11.22	N	10.2
0.302000	44.98	---	60.19	15.21	N	10.2
0.302000	---	41.45	50.19	8.74	N	10.2
0.896000	---	37.15	46.00	8.85	N	10.3
0.896000	38.36	---	56.00	17.64	N	10.3
3.928000	---	24.23	46.00	21.77	N	10.3
3.964000	36.45	---	56.00	19.55	N	10.3
7.940000	40.99	---	60.00	19.01	N	10.4
7.960000	---	30.35	50.00	19.65	N	10.4
18.760000	47.62	---	60.00	12.38	N	10.6
18.760000	---	37.81	50.00	12.19	N	10.6

Final Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.150000	54.09	---	66.00	11.91	1000.0	9.000	N	10.2
0.150000	---	53.62	56.00	2.38	1000.0	9.000	N	10.2