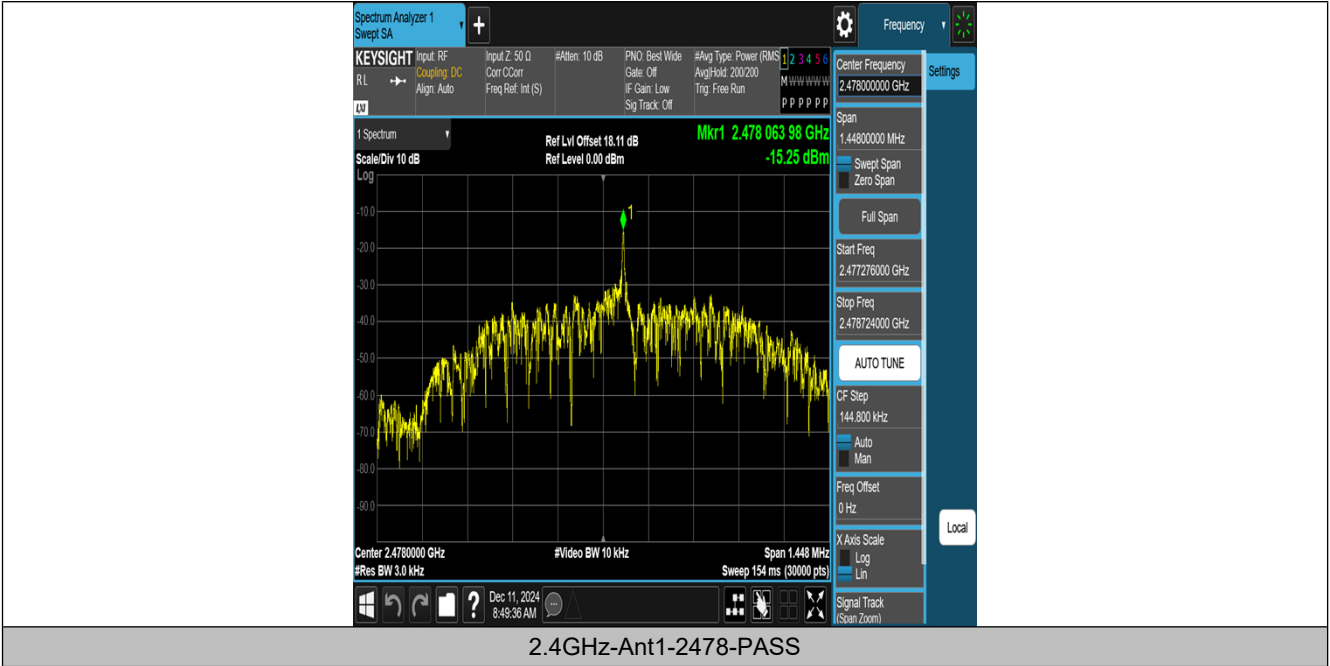


Appendix A: Test Results of 2.4GHz

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

TestMode	Antenna	Frequency [MHz]	Result [dBm/3kHz]	Limit [dBm/3kHz]	Verdict
2.4GHz	Ant1	2478	-15.25	≤8.00	PASS



Appendix A.2: Test Results of 6dB Bandwidth

TestMode	Antenna	Frequency [MHz]	DTS BW [MHz]	FL [MHz]	FH [MHz]	Limit [MHz]	Verdict
2.4GHz	Ant1	2478	0.724	2477.714	2478.438	0.5	PASS



2.4GHz-Ant1-2478-PASS

Appendix A.3: Test Results of 99% Bandwidth

TestMode	Antenna	Frequency [MHz]	OCB [MHz]	FL [MHz]	FH [MHz]	Limit [MHz]	Verdict
2.4GHz	Ant1	2478	1.0941	2477.5144	2478.6085	---	PASS



2.4GHz-Ant1-2478

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

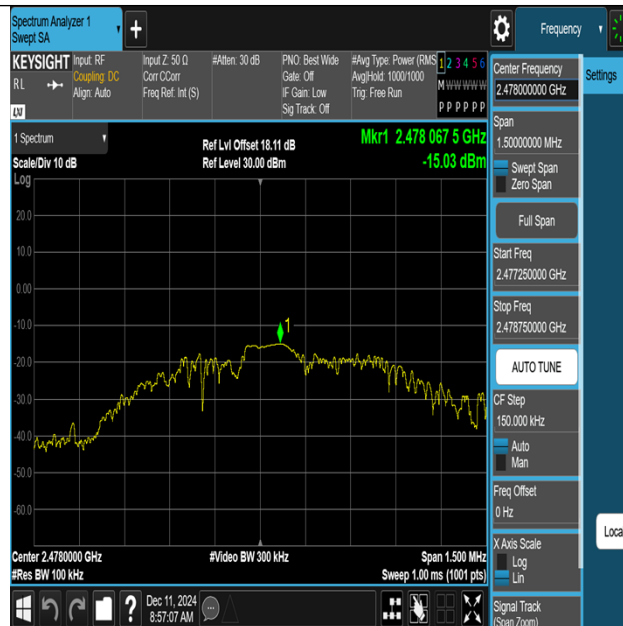
Band Edge

TestMode	Antenna	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4GHz	Ant1	2478	-15.16	-62.99	≤-35.16	PASS

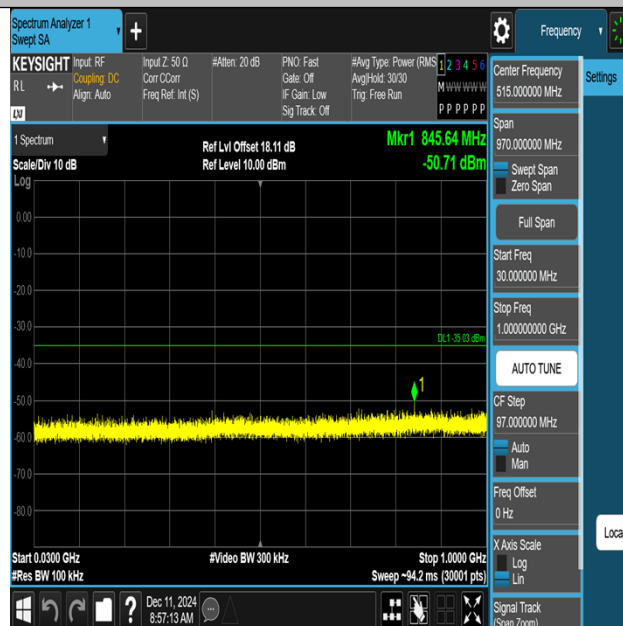


Conducted Spurious Emission

TestMode	Antenna	Frequency [MHz]	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4GHz	Ant1	2478	0~Reference	-15.03	-15.03	---	PASS
2.4GHz	Ant1	2478	30~1000	-15.03	-50.71	≤-35.03	PASS
2.4GHz	Ant1	2478	1000~26500	-15.03	-42.38	≤-35.03	PASS



2.4GHz-Ant1-2478-0~Reference-PASS



2.4GHz-Ant1-2478-30~1000-PASS



2.4GHz-Ant1-2478-1000~26500-PASS

Appendix A.5: Test Results of Radiated Spurious Emissions

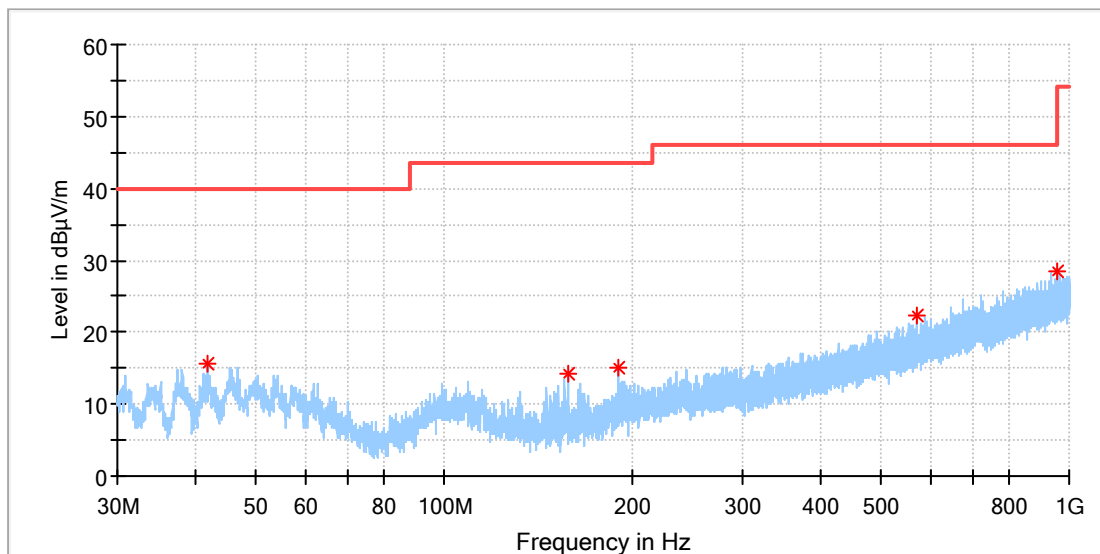
Note:

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

30 MHz - 1GHz

EUT Information

EUT Name: WIRELESS CHARGING DOCK
Model: CHW1
Test Mode: 2.4GHz
Order No/Sample No: 168513747/A003872682-003
Test Voltage: 120V/60Hz
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

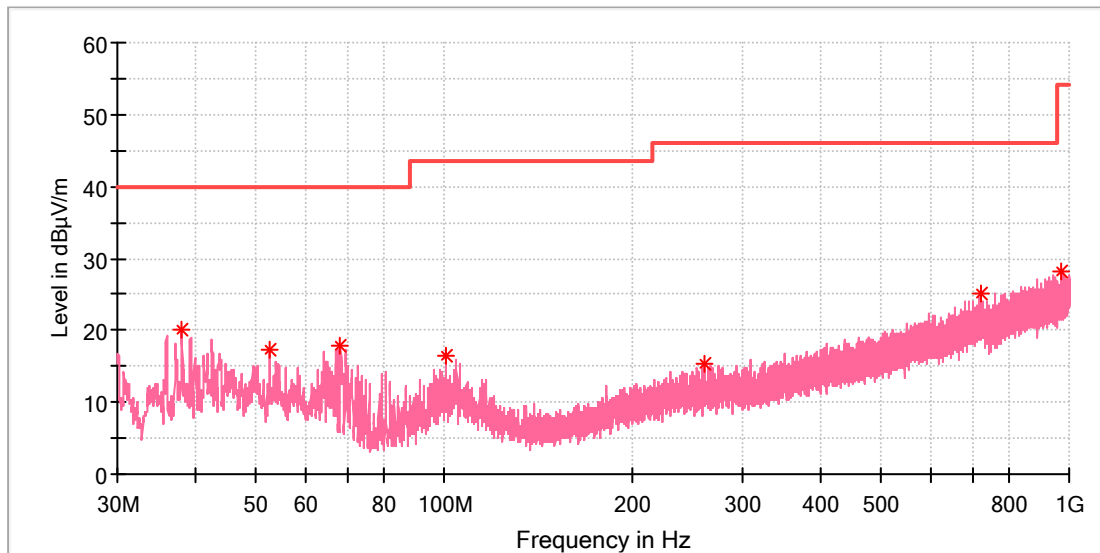
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
41.789231	15.74	40.00	24.26	100.0	H	30.0	-19.7
158.375769	14.21	43.50	29.29	100.0	H	177.0	-21.9
190.348462	14.98	43.50	28.52	100.0	H	30.0	-19.6
571.633077	22.40	46.00	23.60	100.0	H	14.0	-10.3
955.081539	28.46	46.00	17.54	100.0	H	100.0	-4.2

Final Result

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

EUT Information

EUT Name: WIRELESS CHARGING DOCK
Model: CHW1
Test Mode: 2.4GHz
Order No/Sample No: 168513747/A003872682-003
Test Voltage: 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)
38.058462	20.04	40.00	19.96	100.0	V	0.0	-20.8
52.533846	17.31	40.00	22.69	100.0	V	287.0	-18.5
68.315000	17.94	40.00	22.06	100.0	V	358.0	-21.4
100.474231	16.47	43.50	27.03	100.0	V	14.0	-19.1
261.270385	15.22	46.00	30.78	100.0	V	150.0	-17.1
722.505385	25.06	46.00	20.94	100.0	V	158.0	-7.5
971.608846	28.16	54.00	25.84	100.0	V	240.0	-4.0

Final Result

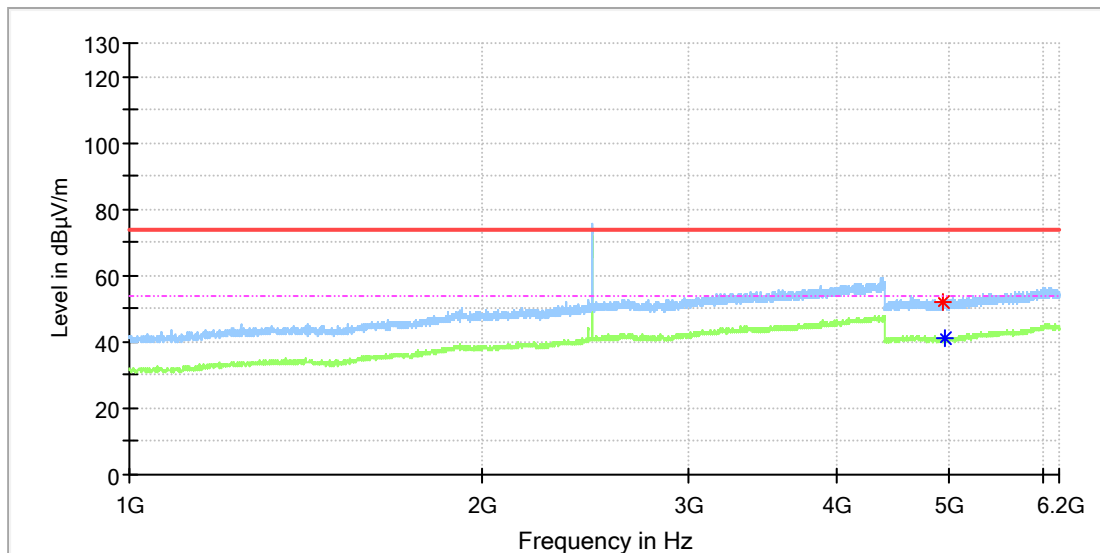
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---	---	---

1GHz - 18GHz

Note: The highest waveform in the figure is 2.4GHz Fundamental.

EUT Information

EUT Name:	WIRELESS CHARGING DOCK
Model:	CHW1
Test Mode:	2.4GHz
Order No/Sample No:	168513747/A003872682-003
Test Voltage:	120V/60Hz
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

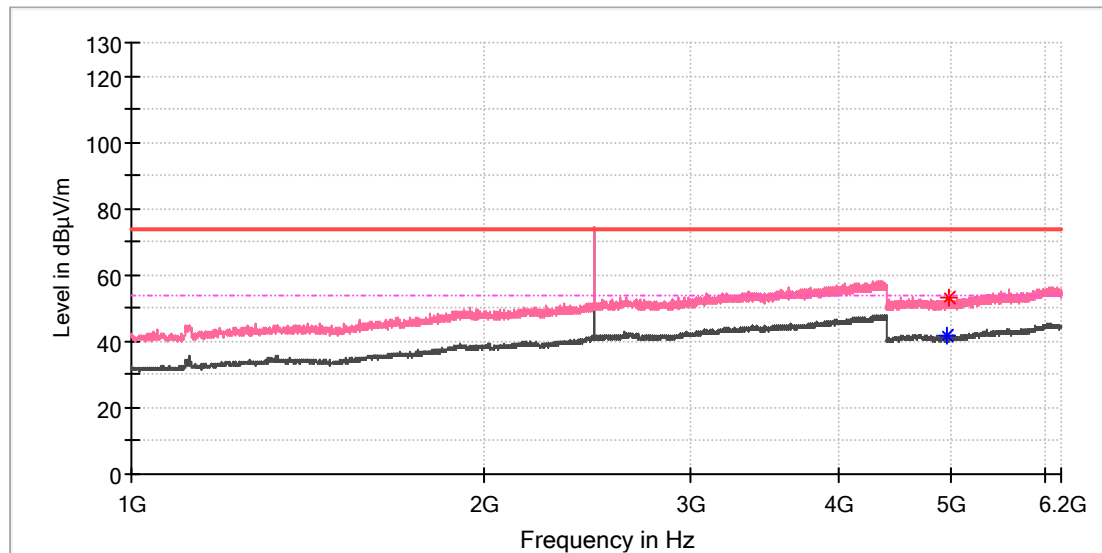
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4942.000000	52.22	---	74.00	21.78	150.0	H	303.0	13.3
4953.000000	---	41.30	54.00	12.70	150.0	H	285.0	13.3

Final_Result

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

EUT Information

EUT Name: WIRELESS CHARGING DOCK
Model: CHW1
Test Mode: 2.4GHz
Order No/Sample No: 168513747/A003872682-003
Test Voltage: 120V/60Hz
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

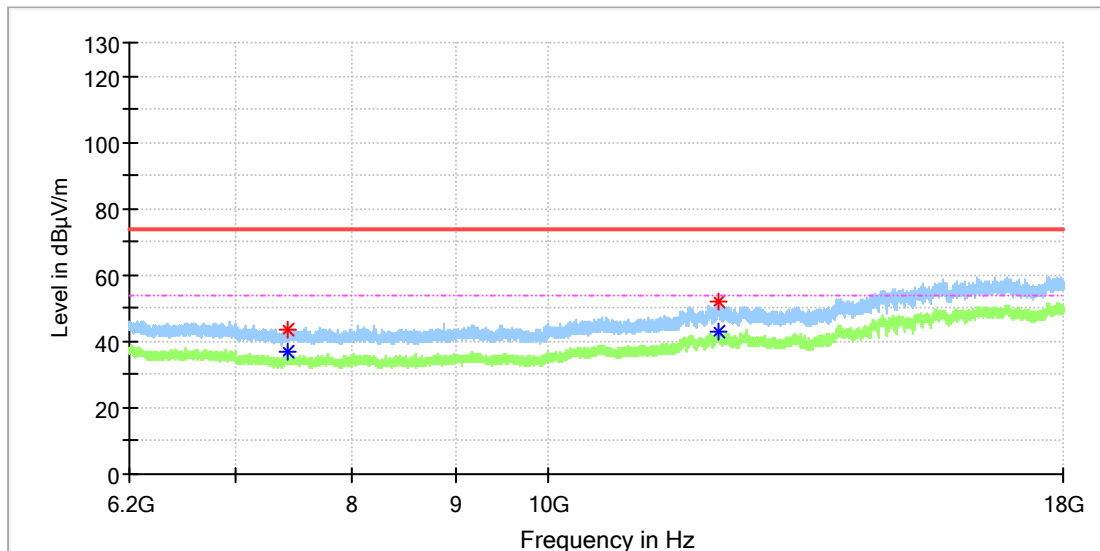
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4950.500000	---	41.58	54.00	12.42	150.0	V	310.0	13.3
4978.500000	53.20	---	74.00	20.80	150.0	V	120.0	13.3

Final Result

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

EUT Information

EUT Name: WIRELESS CHARGING DOCK
Model: CHW1
Test Mode: 2.4GHz
Order No/Sample No: 168513747/A003872682-003
Test Voltage: 120V/60Hz
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

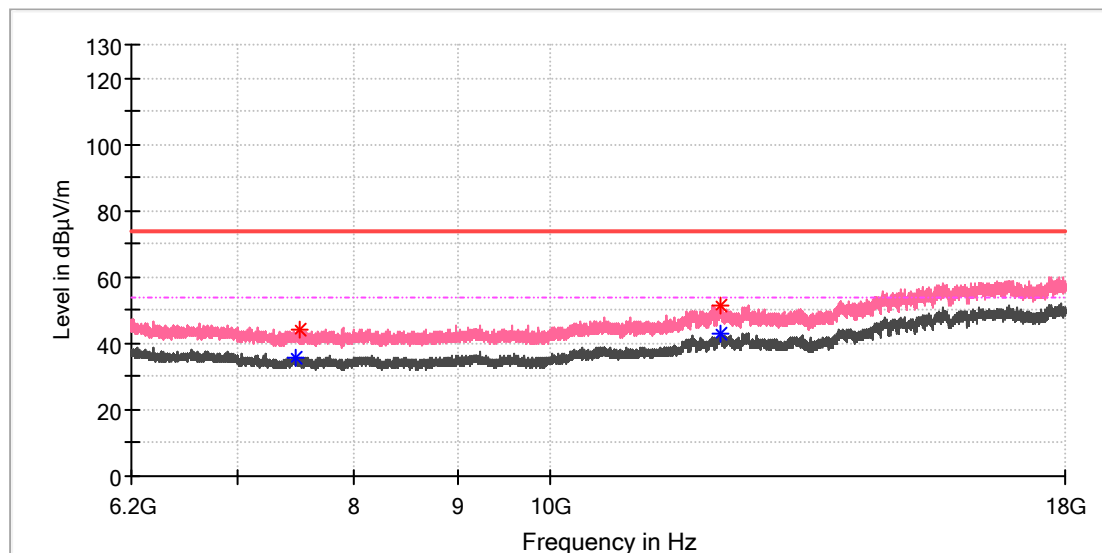
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7421.300000	43.48	---	74.00	30.52	150.0	H	78.0	8.4
7434.083333	---	36.77	54.00	17.23	150.0	H	278.0	8.4
12146.708333	---	42.86	54.00	11.14	150.0	H	46.0	16.6
12154.575000	52.06	---	74.00	21.94	150.0	H	123.0	16.5

Final Result

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

EUT Information

EUT Name: WIRELESS CHARGING DOCK
Model: CHW1
Test Mode: 2.4GHz
Order No/Sample No: 168513747/A003872682-003
Test Voltage: 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)
7483.250000	---	35.76	54.00	18.24	150.0	V	303.0	8.7
7513.733333	44.25	---	74.00	29.75	150.0	V	193.0	8.7
12136.383333	51.27	---	74.00	22.73	150.0	V	248.0	16.4
12140.808333	---	42.64	54.00	11.36	150.0	V	140.0	16.5

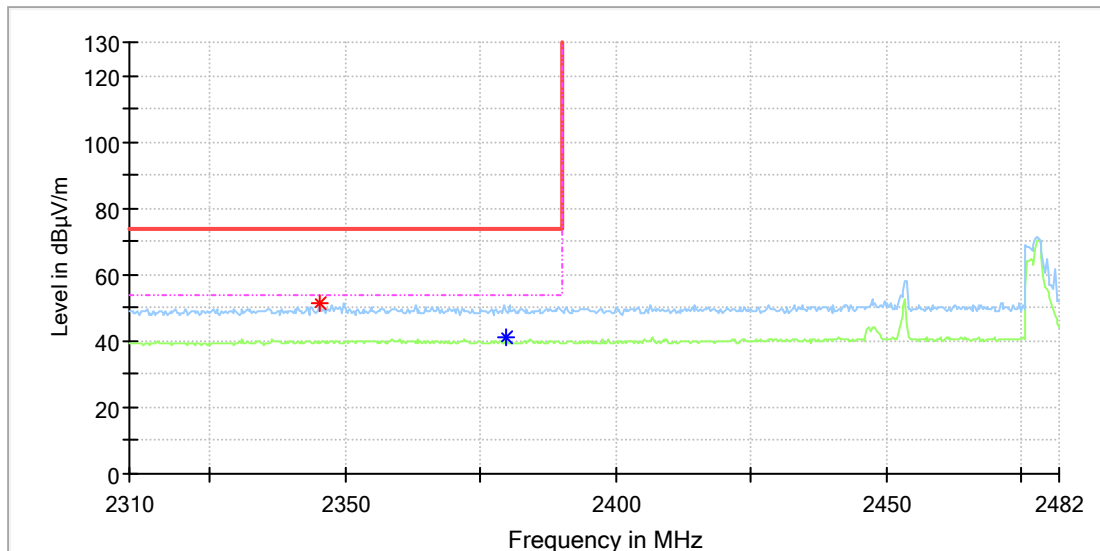
Final Result

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

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

EUT Information

EUT Name: WIRELESS CHARGING DOCK
Model: CHW1
Test Mode: 2.4GHz
Order No/Sample No: 168513747/A003872682-003
Test Voltage: 120V/60Hz
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

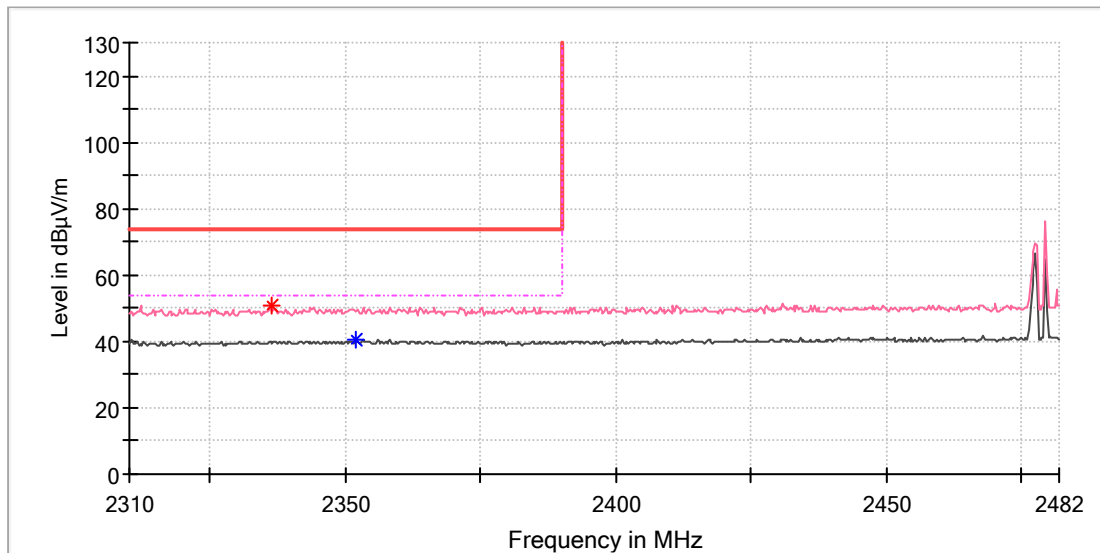
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2345.294118	51.42	---	74.00	22.58	150.0	H	244.0	8.4
2379.705882	---	40.83	54.00	13.17	150.0	H	72.0	8.5

Final_Result

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

EUT Information

EUT Name: WIRELESS CHARGING DOCK
Model: CHW1
Test Mode: 2.4GHz
Order No/Sample No: 168513747/A003872682-003
Test Voltage: 120V/60Hz
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

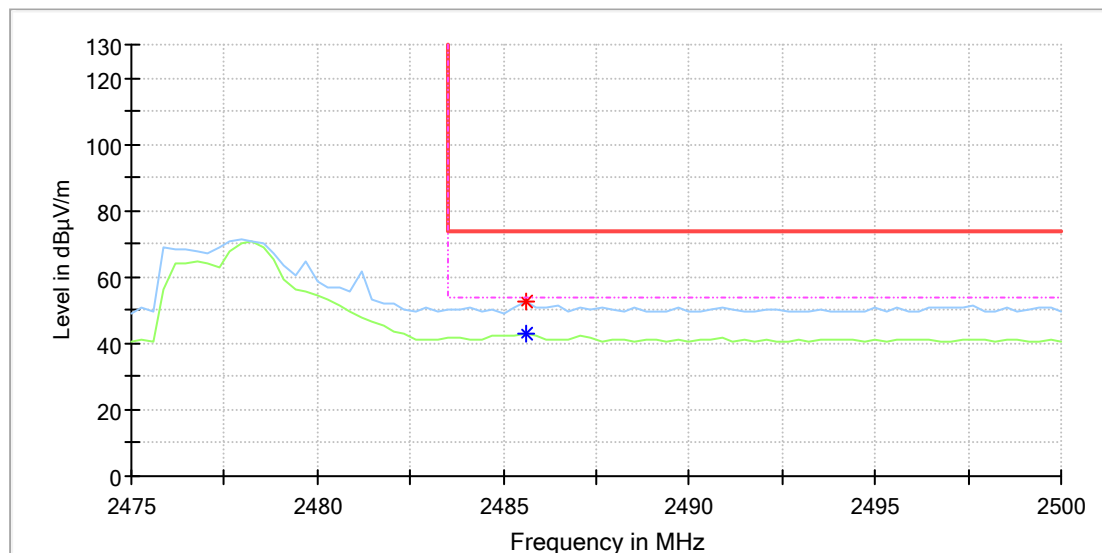
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2336.176471	50.63	---	74.00	23.37	150.0	V	148.0	8.4
2351.764706	---	40.55	54.00	13.45	150.0	V	329.0	8.5

Final Result

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

EUT Information

EUT Name: WIRELESS CHARGING DOCK
Model: CHW1
Test Mode: 2.4GHz
Order No/Sample No: 168513747/A003872682-003
Test Voltage: 120V/60Hz
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

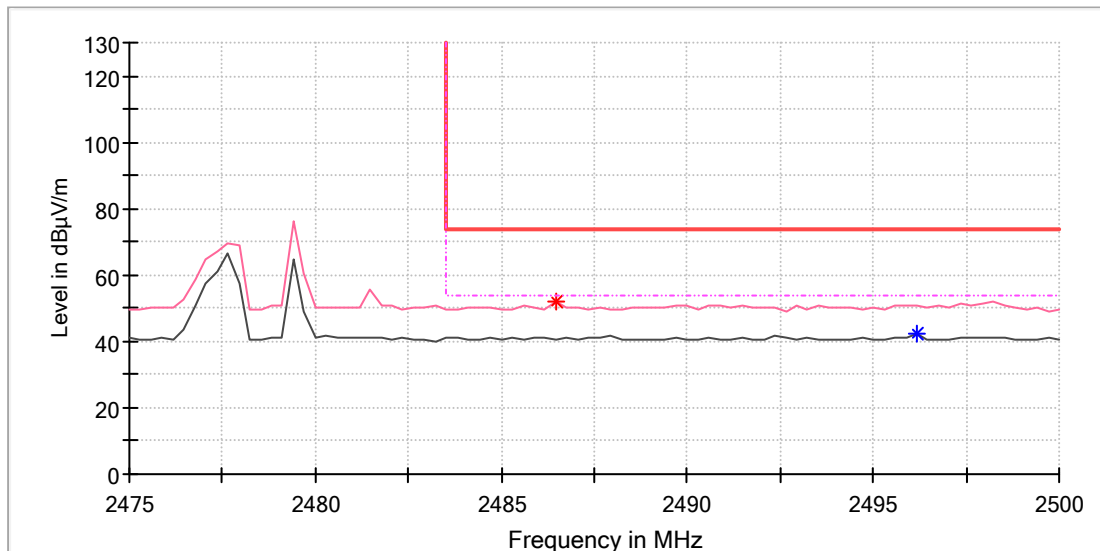
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2485.588235	---	42.70	54.00	11.30	150.0	H	330.0	9.0
2485.588235	52.81	---	74.00	21.19	150.0	H	330.0	9.0

Final Result

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

EUT Information

EUT Name: WIRELESS CHARGING DOCK
Model: CHW1
Test Mode: 2.4GHz
Order No/Sample No: 168513747/A003872682-003
Test Voltage: 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)
2486.470588	52.06	---	74.00	21.94	150.0	V	287.0	9.0
2496.176471	---	42.29	54.00	11.71	150.0	V	318.0	9.0

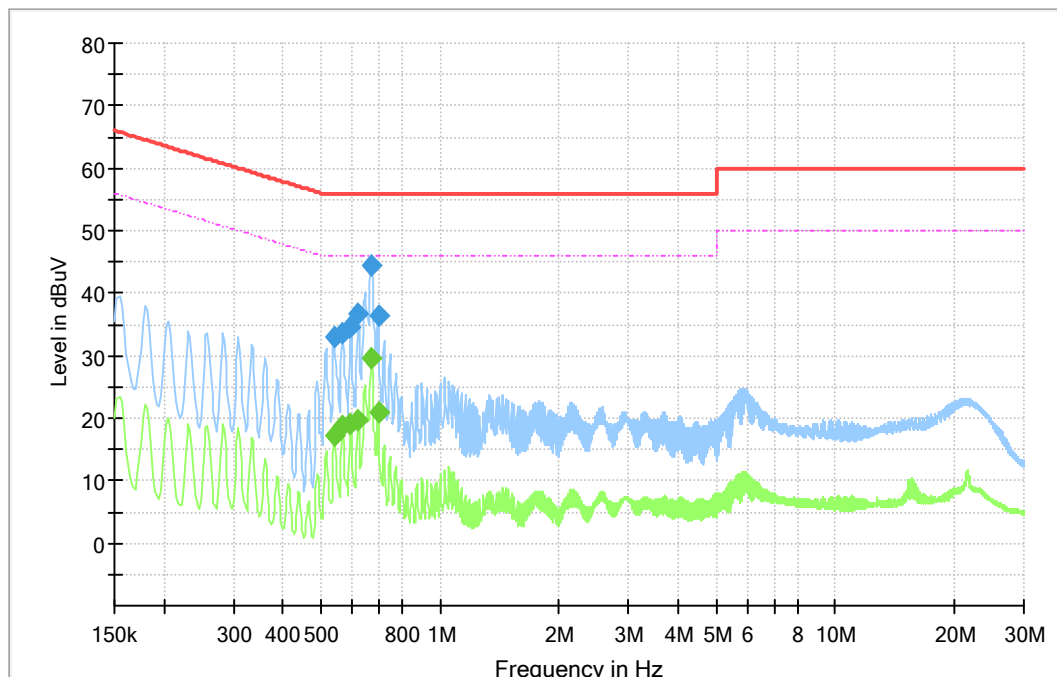
Final Result

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

Common Information

Test Description: WIRELESS CHARGING DOCK
Model: CHW1
Test Mode: Charging and Wireless link
Comment:

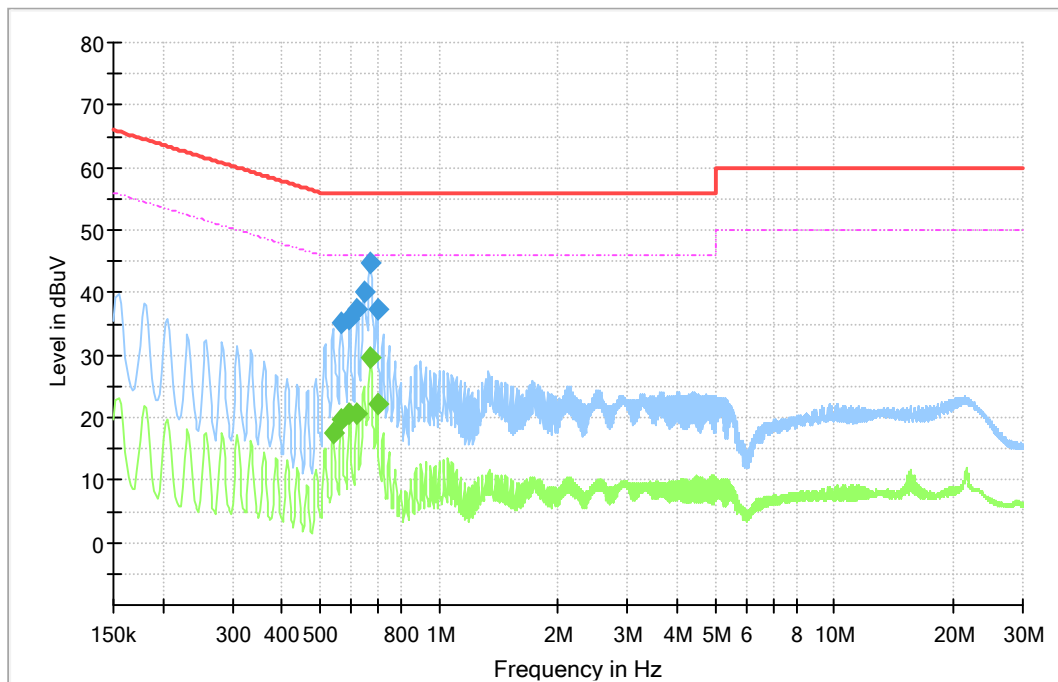


Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Meas. Time (ms)	Bandwidth h (kHz)	Line	Corr. (dB)
0.539250	33.07	---	56.00	22.93	1000.0	9.000	L1	10.3
0.541500	---	17.16	46.00	28.84	1000.0	9.000	L1	10.3
0.566250	---	18.69	46.00	27.31	1000.0	9.000	L1	10.3
0.566250	33.62	---	56.00	22.38	1000.0	9.000	L1	10.3
0.593250	---	19.12	46.00	26.88	1000.0	9.000	L1	10.3
0.593250	34.55	---	56.00	21.45	1000.0	9.000	L1	10.3
0.620250	36.56	---	56.00	19.44	1000.0	9.000	L1	10.3
0.620250	---	19.78	46.00	26.22	1000.0	9.000	L1	10.3
0.669750	44.47	---	56.00	11.53	1000.0	9.000	L1	10.3
0.669750	---	29.51	46.00	16.49	1000.0	9.000	L1	10.3
0.696750	---	21.08	46.00	24.92	1000.0	9.000	L1	10.3
0.696750	36.40	---	56.00	19.60	1000.0	9.000	L1	10.3

Common Information

Test Description: WIRELESS CHARGING DOCK
Model: CHW1
Test Mode: Charging and Wireless link
Comment:



Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Meas. Time (ms)	Bandwidth h (kHz)	Line	Corr. (dB)
0.541500	---	17.54	46.00	28.46	1000.0	9.000	N	10.2
0.566250	---	19.76	46.00	26.24	1000.0	9.000	N	10.3
0.566250	35.04	---	56.00	20.96	1000.0	9.000	N	10.3
0.593250	---	20.53	46.00	25.47	1000.0	9.000	N	10.3
0.593250	35.70	---	56.00	20.30	1000.0	9.000	N	10.3
0.618000	---	20.75	46.00	25.25	1000.0	9.000	N	10.3
0.620250	37.39	---	56.00	18.61	1000.0	9.000	N	10.3
0.645000	40.09	---	56.00	15.91	1000.0	9.000	N	10.4
0.669750	44.59	---	56.00	11.41	1000.0	9.000	N	10.4
0.669750	---	29.73	46.00	16.27	1000.0	9.000	N	10.4
0.696750	---	22.06	46.00	23.94	1000.0	9.000	N	10.4
0.696750	37.25	---	56.00	18.75	1000.0	9.000	N	10.4