

## Appendix B: Test Results

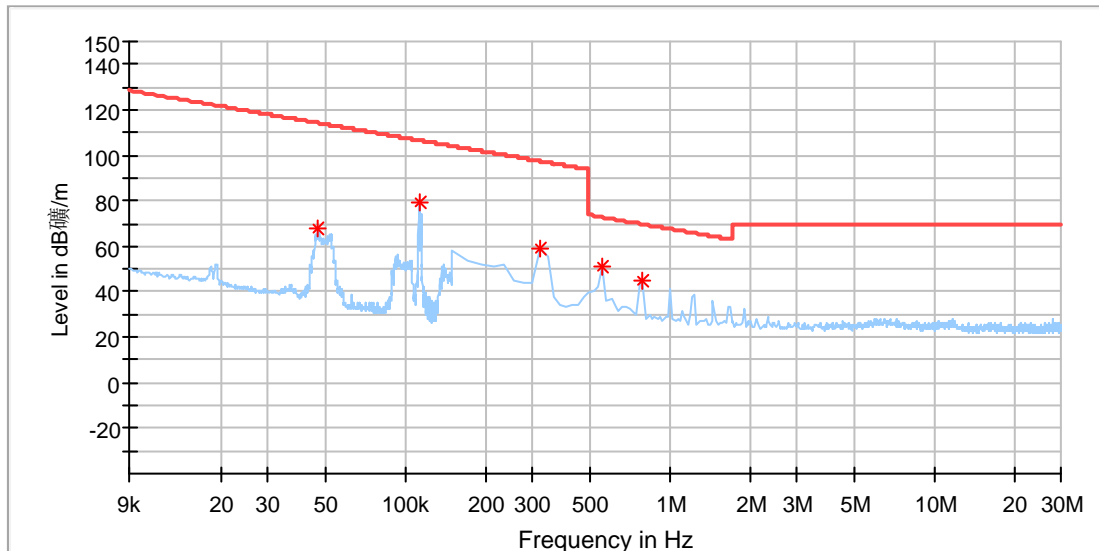
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## Appendix B.1: Test Plots of Radiated Spurious Emission

9kHz-30MHz

### EUT Information

EUT Name:	Wireless charging pad
Model:	7376201
Test Mode:	Charging (10W)
Test Voltage::	AC 120V, 60Hz
Remark:	Temp 23 Humi:45%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

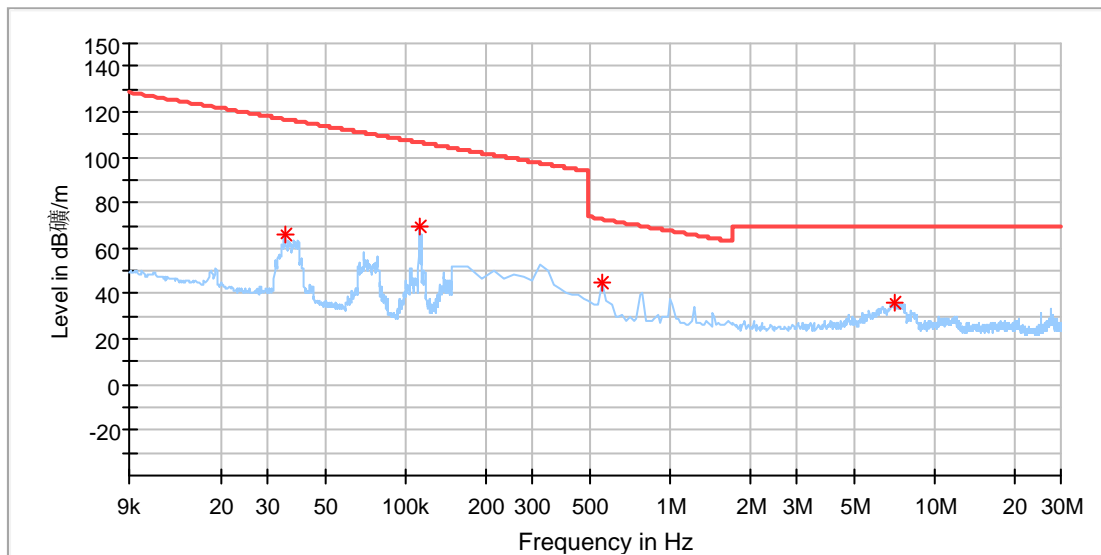


### Critical\_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
0.046768	67.90	114.19	46.29	100.0	X	259.0	20.1
0.112131	79.31	106.60	27.29	100.0	X	87.0	20.1
0.320572	59.26	97.48	38.22	100.0	X	77.0	20.1
0.555107	50.95	72.72	21.77	100.0	X	53.0	20.1
0.789643	45.21	69.67	24.46	100.0	X	77.0	20.1

### EUT Information

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 Test Mode: Charging (10W)  
 Test Voltage:: AC 120V, 60Hz  
 Remark: Temp 23 Humi:45%  
 Test Standard: FCC Part 15C  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin

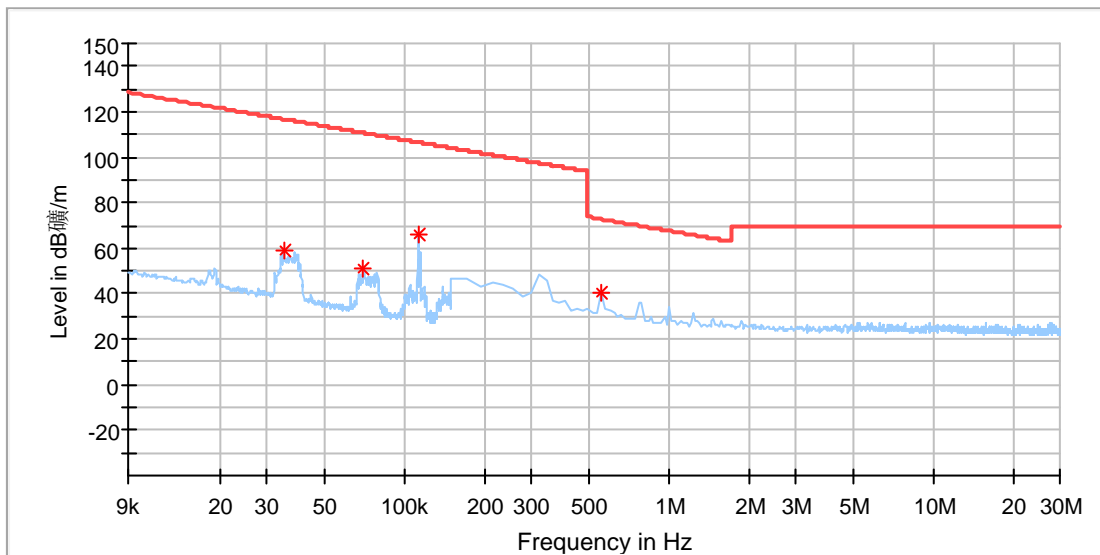


### Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
0.034884	65.67	116.74	51.07	100.0	Y	264.0	20.1
0.113038	69.95	106.53	36.58	100.0	Y	336.0	20.1
0.555107	44.51	72.72	28.20	100.0	Y	336.0	20.1
7.015500	35.57	69.50	33.93	100.0	Y	264.0	20.3

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 Test Standard: FCC Part 15C  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



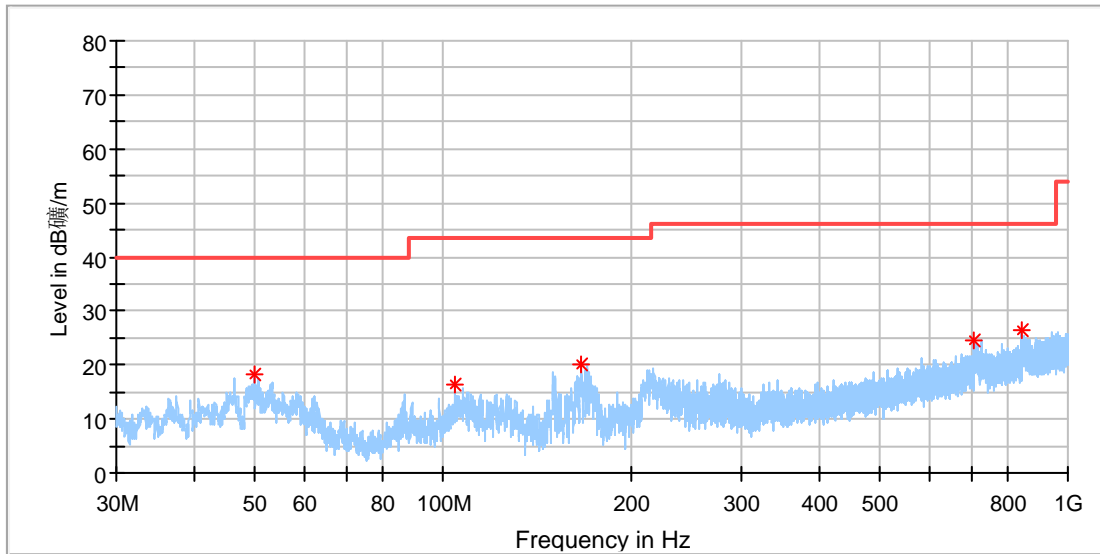
### Critical\_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
0.034884	59.07	116.74	57.67	100.0	Z	195.0	20.1
0.069831	51.38	110.71	59.34	100.0	Z	219.0	20.1
0.112937	65.91	106.54	40.63	100.0	Z	50.0	20.1
0.555107	40.10	72.72	32.62	100.0	Z	79.0	20.1

30MHz-1GHz

### EUT Information

EUT Name: Wireless charging pad  
 Model: 7376201  
 Test Mode: Charging (10W)  
 Test Voltage:: AC 120V, 60Hz  
 Remark: Temp 23 Humi:45%  
 Test Standard: FCC Part 15C  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin

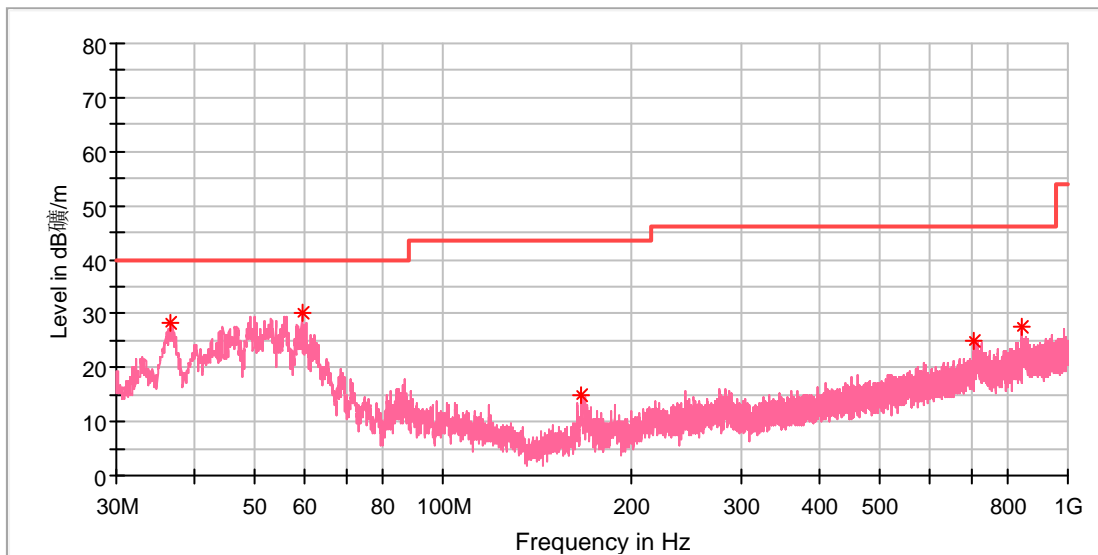


### Critical\_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
49.959615	18.32	40.00	21.68	100.0	H	114.0	-18.6
104.652692	16.20	43.50	27.30	100.0	H	224.0	-19.1
166.881923	19.97	43.50	23.53	100.0	H	319.0	-21.7
709.037308	24.67	46.00	21.33	100.0	H	101.0	-8.3
844.986539	26.33	46.00	19.67	100.0	H	0.0	-6.0

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 Test Voltage:: AC 120V, 60Hz  
 Remark: Temp 23 Humi:45%  
 Test Standard: FCC Part 15C  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



## Critical\_Freqs

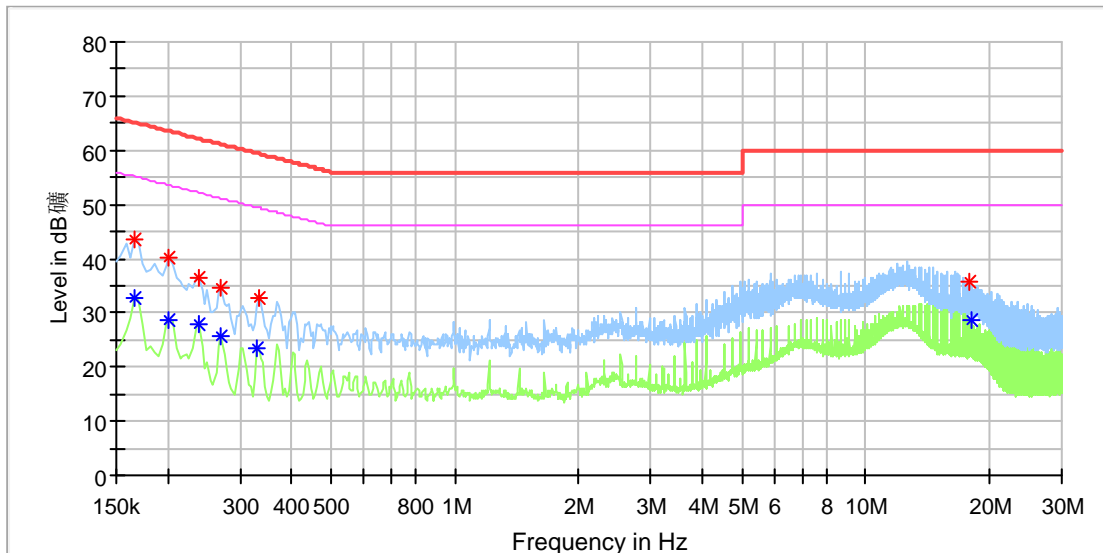
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
36.715385	28.37	40.00	11.63	100.0	V	9.0	-21.6
59.435769	30.04	40.00	9.96	100.0	V	287.0	-19.2
166.247692	14.90	43.50	28.60	100.0	V	335.0	-21.7
709.298462	25.09	46.00	20.91	100.0	V	16.0	-8.3
844.986539	27.41	46.00	18.59	100.0	V	244.0	-6.0

## Appendix B.2: Test Plots of Conducted Emission on AC Mains for FCC Part 15C

Charging (5W)

### EUT Information

EUT Name:	Wireless charging pad
Order No:	1697578730 40
Model:	7376201
Test Mode:	Charging (5W)
Test Voltage:	AC 120V, 60Hz
Test By:	Jianhua Lu
Review By:	Gary Chen
Remark:	SR1

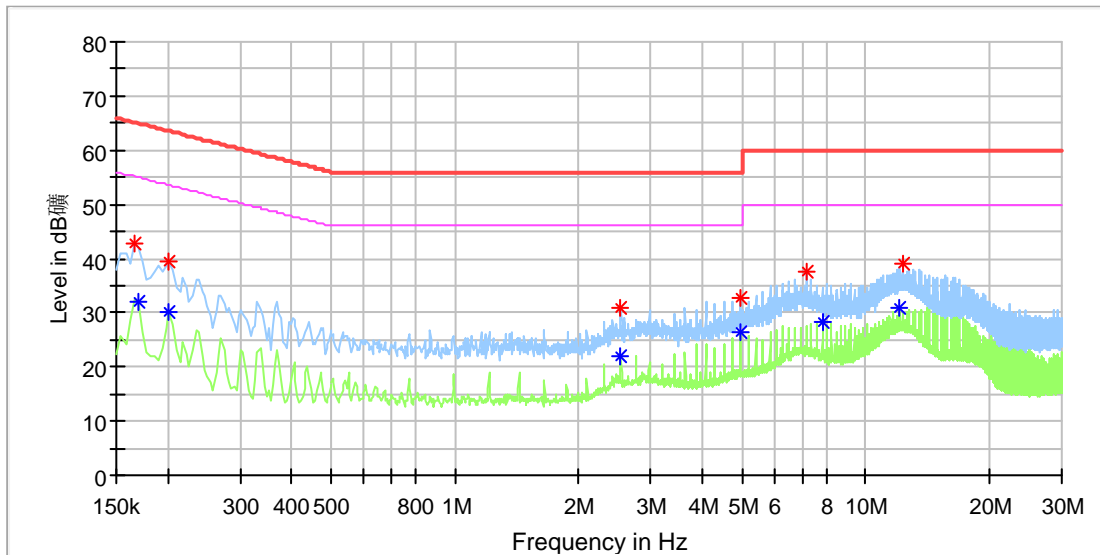


### Critical Freqs

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.166000	43.61	---	65.16	21.55	L1	9.6
0.166000	---	32.66	55.16	22.50	L1	9.6
0.202000	---	28.76	53.53	24.77	L1	9.6
0.202000	40.12	---	63.53	23.41	L1	9.6
0.238000	---	27.74	52.17	24.43	L1	9.6
0.238000	36.63	---	62.17	25.53	L1	9.6
0.270000	---	25.81	51.12	25.31	L1	9.6
0.270000	34.49	---	61.12	26.63	L1	9.6
0.330000	---	23.37	49.45	26.08	L1	9.7
0.334000	32.56	---	59.35	26.79	L1	9.7
17.860000	35.85	---	60.00	24.15	L1	10.2
18.084000	---	28.64	50.00	21.36	L1	10.3

### EUT Information

EUT Name: Wireless charging pad  
 Order No: 1697578730 40  
 Model: 7376201  
 Test Mode: Charging (5W)  
 Test Voltage: AC 120V, 60Hz  
 Test By: Jianhua Lu  
 Review By: Gary Chen  
 Remark: SR1



### Critical\_Freqs

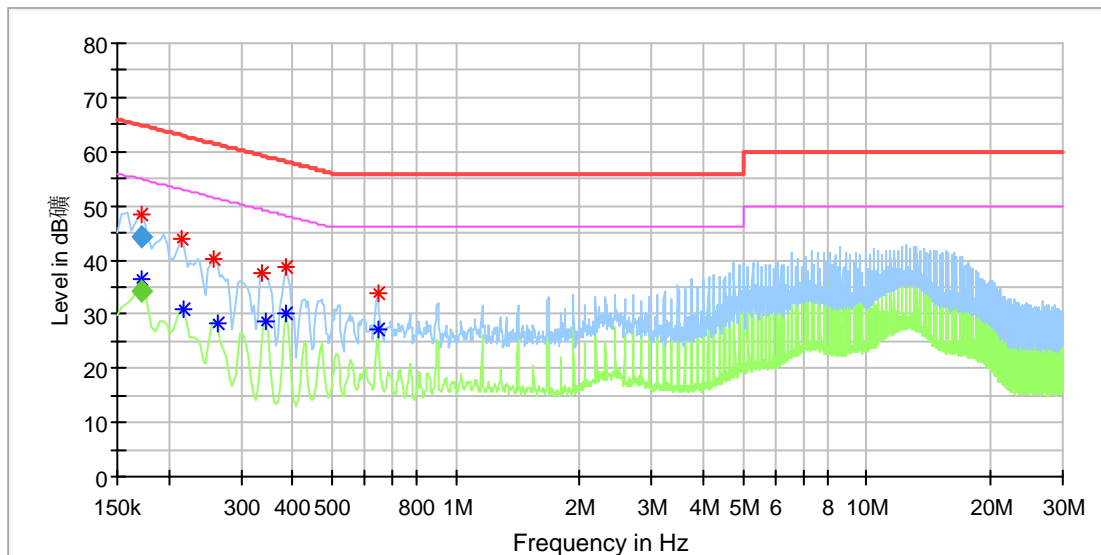
Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.166000	42.95	---	65.16	22.21	N	9.6
0.170000	---	31.87	54.96	23.09	N	9.6
0.202000	---	30.02	53.53	23.50	N	9.6
0.202000	39.29	---	63.53	24.23	N	9.6
2.536000	30.93	---	56.00	25.07	N	9.9
2.536000	---	21.99	46.00	24.01	N	9.9
4.960000	---	26.25	46.00	19.75	N	10.0
4.960000	32.65	---	56.00	23.35	N	10.0
7.168000	37.76	---	60.00	22.24	N	10.0
7.828000	---	28.12	50.00	21.88	N	10.0
12.128000	---	30.71	50.00	19.29	N	10.2
12.348000	38.98	---	60.00	21.02	N	10.2



Charging (10W)

### EUT Information

EUT Name: Wireless charging pad  
 Order No: 1697578730 40  
 Model: 7376201  
 Test Mode: Charging (10W)  
 Test Voltage: AC 120V, 60Hz  
 Test By: Jianhua Lu  
 Review By: Gary Chen  
 Remark: SR1



### Critical Freqs

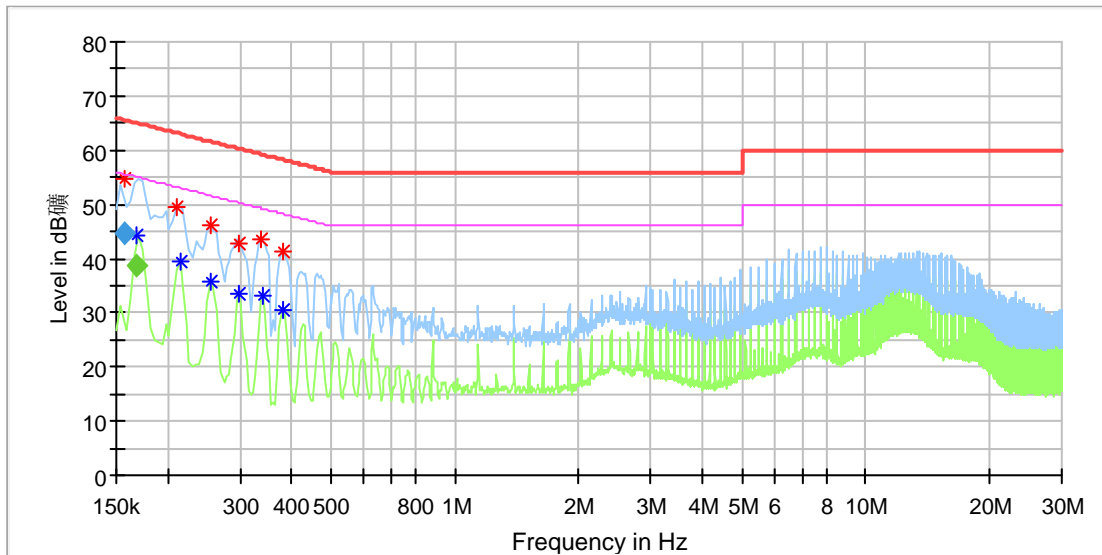
Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.172500	---	36.36	54.96	18.60	L1	9.6
0.172500	48.34	---	64.96	16.62	L1	9.6
0.214000	43.81	---	63.05	19.24	L1	9.6
0.218000	---	31.06	52.90	21.83	L1	9.6
0.258000	40.13	---	61.50	21.37	L1	9.6
0.262000	---	28.44	51.37	22.93	L1	9.6
0.338000	37.41	---	59.25	21.84	L1	9.7
0.346000	---	28.65	49.06	20.40	L1	9.7
0.386000	---	30.27	48.15	17.88	L1	9.7
0.386000	38.52	---	58.15	19.63	L1	9.7
0.644000	---	27.25	46.00	18.75	L1	9.7
0.644000	33.99	---	56.00	22.01	L1	9.7

### Final Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.172500	---	34.07	54.84	20.77	1000.0	9.000	L1	9.6
0.172500	44.41	---	64.84	20.43	1000.0	9.000	L1	9.6

## EUT Information

EUT Name:	Wireless charging pad
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Model:	7376201
Test Mode:	Charging (10W)
Test Voltage:	AC 120V, 60Hz
Test By:	Jianhua Lu
Review By:	Gary Chen
Remark:	SR1



## Critical\_Freqs

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.156500	54.80	---	64.96	10.16	N	9.6
0.168500	---	44.32	54.96	10.64	N	9.6
0.210000	49.41	---	63.21	13.79	N	9.6
0.214000	---	39.31	53.05	13.74	N	9.6
0.254000	---	35.58	51.63	16.05	N	9.6
0.254000	46.01	---	61.63	15.61	N	9.6
0.298000	---	33.57	50.30	16.73	N	9.6
0.298000	42.85	---	60.30	17.45	N	9.6
0.338000	43.68	---	59.25	15.57	N	9.7
0.342000	---	33.26	49.16	15.89	N	9.7
0.382000	---	30.43	48.24	17.80	N	9.7
0.382000	41.18	---	58.24	17.05	N	9.7

## Final\_Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.156500	44.82	---	65.65	20.83	1000.0	9.000	N	9.6
0.168500	---	38.69	55.03	16.34	1000.0	9.000	N	9.6