

Test Report No.50144976 001

Appendix D: Radiated and Mains Spurious Emission Data

(File: 50144976AppendixD)

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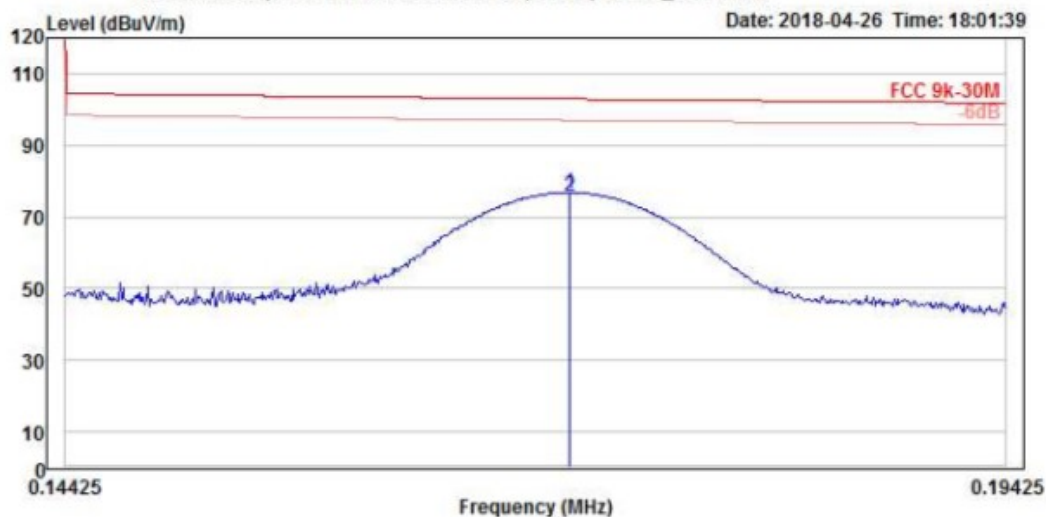
Fundamental Field Strength



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Date: 2018-04-26 Time: 18:01:39



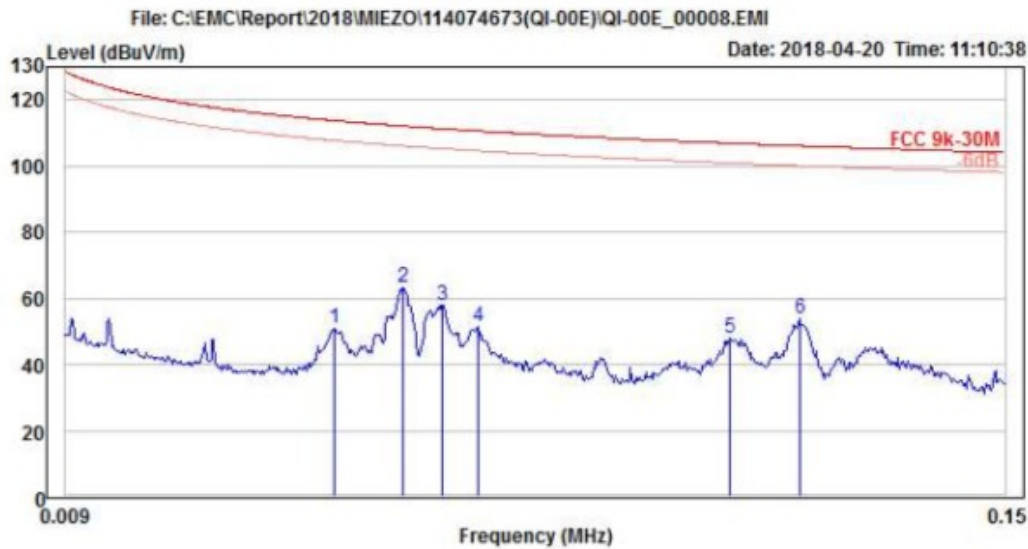
Site : 966B Chamber B
Condition : FCC 9k-30M 3m Vertical
Test Engineer: Wade Cheng
Applicant : Miezio Inc
Product : Wireless charging
Model No. : QI-00E
Test Rating : 120Vac/60Hz
Tmp/Hum : 22.2°C/49%
Memo : (A). Operation mode

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg	
1	0.171	76.84	57.77	19.07	102.94	-26.10	---	---	QP
2	0.171	75.76	56.69	19.07	102.94	-27.18	---	---	Average

Spurious Emissions, TX Mode, 9k-1G



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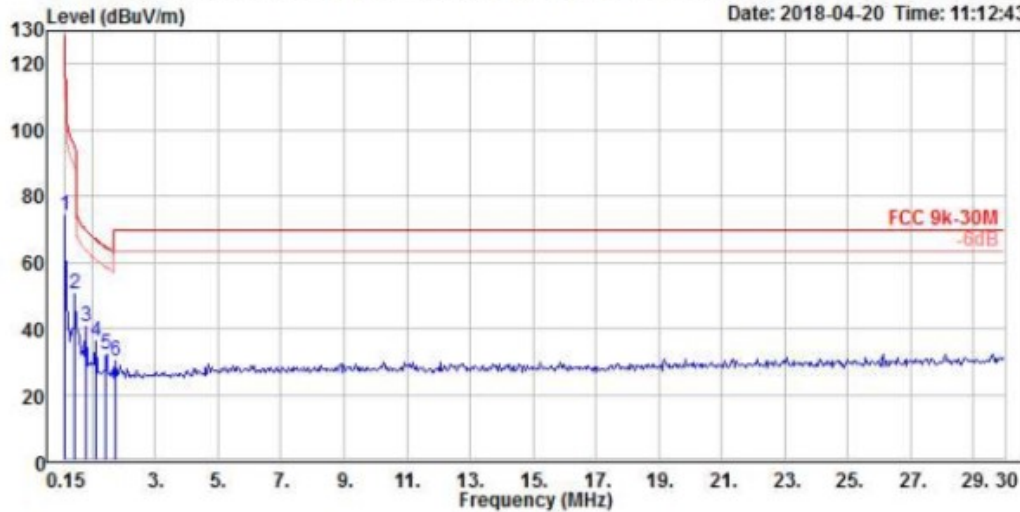


Site : 966B Chamber B
Condition : FCC 9k-30M 3m vertical
Test Engineer: Wade Cheng
Applicant : Miezo Inc
Product : Wireless charging
Model No. : QI-00E
Test Rating : 120Vac/60Hz
Tmp/Hum : 22.6°C/49%
Memo : (A). Operation mode

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg	
1	0.049	50.79	31.33	19.46	113.74	-62.95	---	---	QP
2	0.060	63.51	44.14	19.37	112.08	-48.57	---	---	QP
3	0.066	57.95	38.61	19.34	111.26	-53.31	---	---	QP
4	0.071	51.56	32.26	19.30	110.58	-59.02	---	---	QP
5	0.109	47.89	28.77	19.12	106.87	-58.98	---	---	QP
6	0.119	53.64	34.53	19.11	106.08	-52.44	---	---	QP

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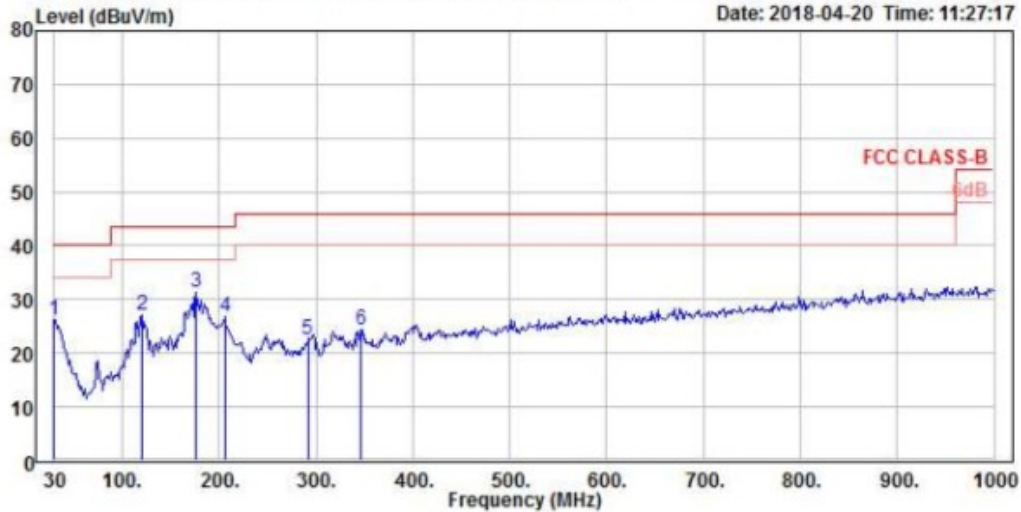


Site : 966B Chamber B
Condition : FCC 9k-30M 3m vertical
Test Engineer: Wade Cheng
Applicant : Miezo Inc
Product : Wireless charging
Model No. : QI-00E
Test Rating : 120Vac/60Hz
Tmp/Hum : 22.6°C/49%
Memo : (A). Operation mode

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg	
1	0.150	74.03	54.95	19.08	104.08	-30.05	---	---	QP
2	0.453	50.32	31.44	18.88	94.48	-44.16	---	---	QP
3	0.799	40.55	21.62	18.93	69.57	-29.02	---	---	QP
4	1.102	35.98	17.03	18.95	66.78	-30.80	---	---	QP
5	1.448	31.97	13.09	18.88	64.42	-32.45	---	---	QP
6	1.751	29.93	11.12	18.81	69.50	-39.57	---	---	QP

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Site : 966B Chamber B
Condition : FCC CLASS-B 3m horizontal
Test Engineer: Wade Cheng
Applicant : Miezo Inc
Product : Wireless charging
Model No. : QI-00E
Test Rating : 120Vac/60Hz
Tmp/Hum : 22.6°C/49%
Memo : (A). Operation mode

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg	
1	30.000	26.26	29.48	-3.22	40.00	-13.74	200	201	QP
2	119.971	27.04	37.38	-10.34	43.50	-16.46	300	120	QP
3	176.203	31.32	43.58	-12.26	43.50	-12.18	200	105	QP
4	205.725	26.71	38.38	-11.67	43.50	-16.79	100	111	QP
5	291.478	22.58	30.25	-7.67	46.00	-23.42	100	113	QP
6	346.304	24.47	30.84	-6.37	46.00	-21.53	100	101	QP

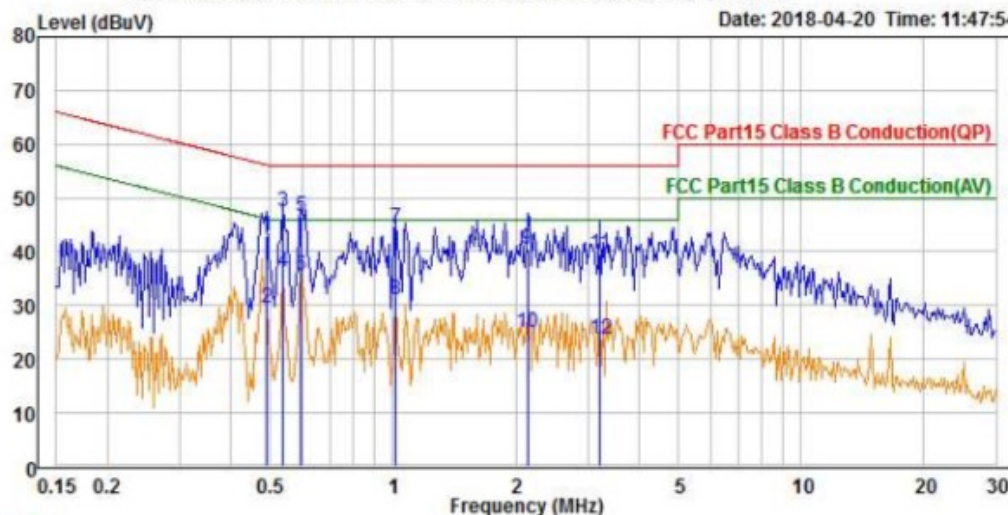
Spurious Emission, Mains, 150KHz-30MHz



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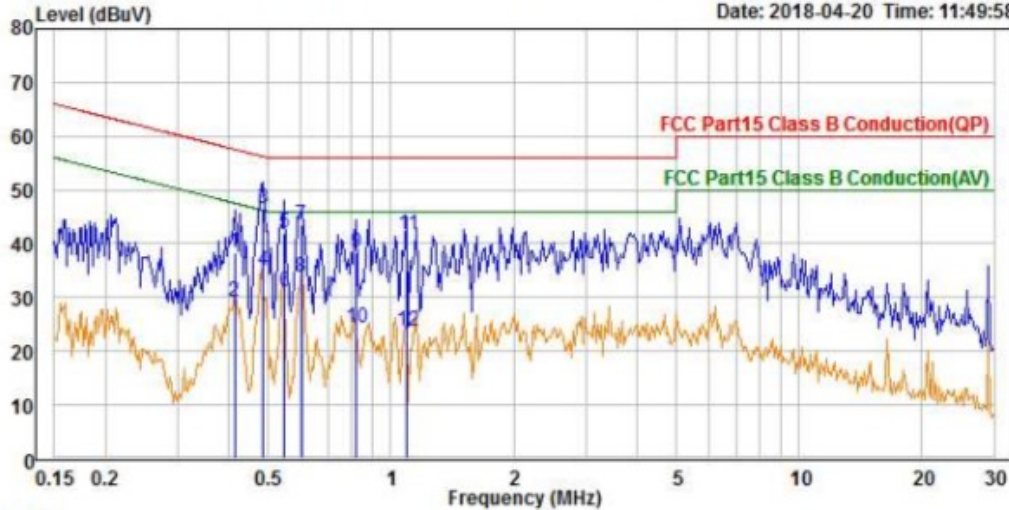
Trace: 1

Site : Conduction room
Condition : FCC Part15 Class B Conduction(QP) line1
Test Engineer: Wade Cheng
Applicant : Miezo Inc
Product : Wireless charging
Model No. : QI-00E
Test Rating : 120Vac/60Hz
Tmp/Hum : 20.5°C/47%
Memo : (A).Operation mode

	Read			Limit	Over	
Freq	Level	Factor	Level	Line	Limit	Remark
MHz	dBuV	dB	dBuV	dBuV	dB	
1	0.490	33.23	42.89	56.17	-13.28	QP
2	0.490	19.88	29.54	46.17	-16.63	Average
3	0.535	37.75	47.41	56.00	-8.59	QP
4	0.535	26.56	36.22	46.00	-9.78	Average
5	0.597	36.95	46.61	56.00	-9.39	QP
6	0.597	25.87	35.53	46.00	-10.47	Average
7	1.012	34.90	44.56	56.00	-11.44	QP
8	1.012	21.29	30.95	46.00	-15.05	Average
9	2.132	30.77	40.46	56.00	-15.54	QP
10	2.132	15.33	25.02	46.00	-20.98	Average
11	3.205	29.81	39.52	56.00	-16.48	QP
12	3.205	14.15	23.86	46.00	-22.14	Average

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Trace: 1

Site : Conduction room
Condition : FCC Part15 Class B Conduction(QP) neutral
Test Engineer: Wade Cheng
Applicant : Miezo Inc
Product : Wireless charging
Model No. : QI-00E
Test Rating : 120Vac/60Hz
Tmp/Hum : 20.5°C/47%
Memo : (A).Operation mode

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	
1	0.413	28.74	9.66	38.40	57.58	-19.18	QP
2	0.413	19.39	9.66	29.05	47.58	-18.53	Average
3	0.485	36.89	9.66	46.55	56.26	-9.71	QP
4	0.485	25.27	9.66	34.93	46.26	-11.33	Average
5	0.546	32.42	9.66	42.08	56.00	-13.92	QP
6	0.546	21.39	9.66	31.05	46.00	-14.95	Average
7	0.603	33.92	9.66	43.58	56.00	-12.42	QP
8	0.603	23.96	9.66	33.62	46.00	-12.38	Average
9	0.821	28.75	9.67	38.42	56.00	-17.58	QP
10	0.821	14.67	9.67	24.34	46.00	-21.66	Average
11	1.095	31.99	9.67	41.66	56.00	-14.34	QP
12	1.095	13.96	9.67	23.63	46.00	-22.37	Average