

Appendix C: Test Results of FCC 15B & ICES-003

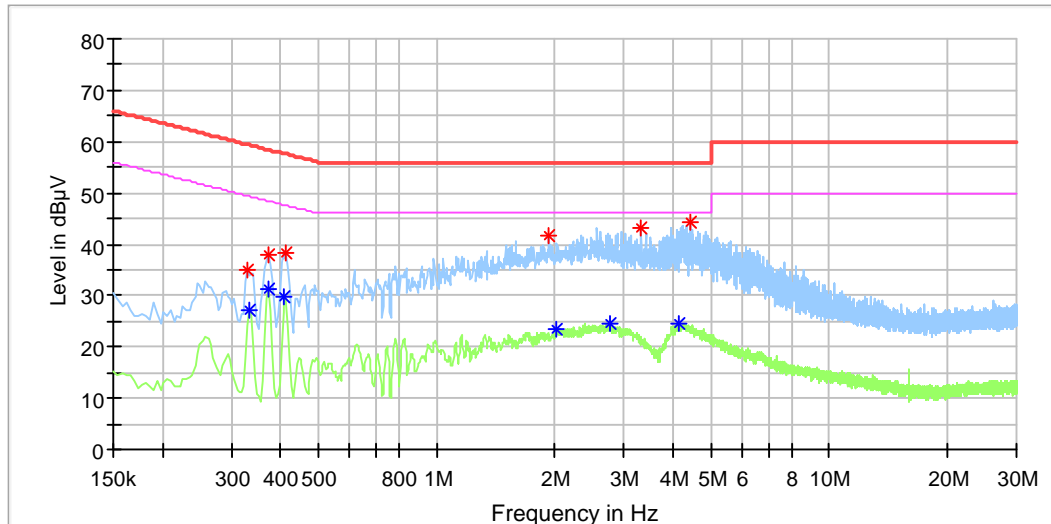
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Appendix C.1: Test Plots of Conducted Emission on AC Mains

Charging+Wi-Fi connecting mode

EUT Information

EUT Name: KidiBuzz 3
 Order No: 168307031
 Model: 5411
 Test Model: Charging+Wi-Fi connecting mode
 Test Voltage: AC 120V/60Hz
 Test By: Mac Xie
 Review By: Gary Chen
 Remark: SR2

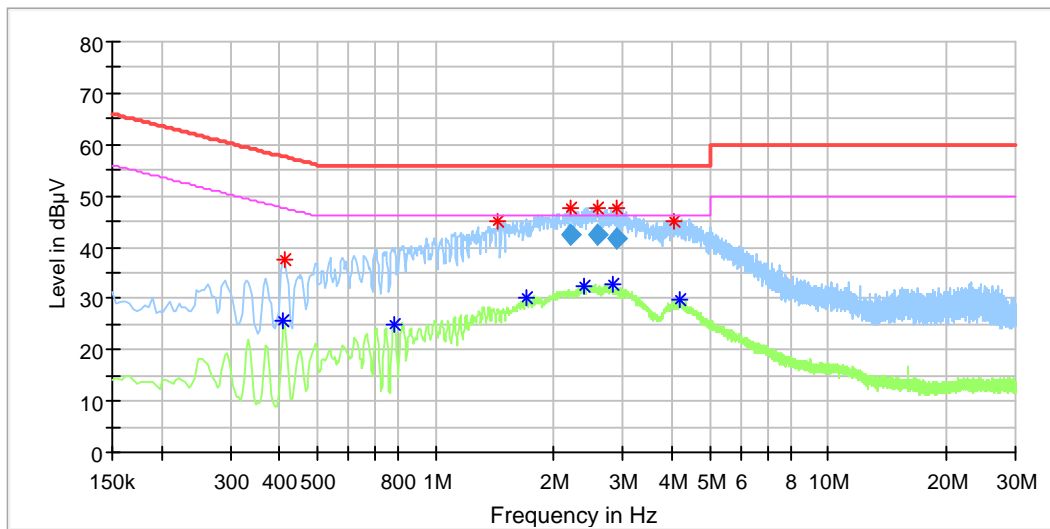


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.330000	34.86	---	59.45	24.59	L1	9.9
0.334000	---	27.30	49.35	22.05	L1	9.9
0.374000	38.11	---	58.41	20.31	L1	9.9
0.374000	---	31.18	48.41	17.23	L1	9.9
0.410000	---	29.73	47.65	17.92	L1	9.9
0.414000	38.27	---	57.57	19.29	L1	9.9
1.938000	41.58	---	56.00	14.42	L1	10.1
2.022000	---	23.54	46.00	22.46	L1	10.1
2.758000	---	24.51	46.00	21.49	L1	10.2
3.322000	43.05	---	56.00	12.95	L1	10.2
4.162000	---	24.52	46.00	21.48	L1	10.2
4.414000	44.27	---	56.00	11.73	L1	10.2

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 Remark: SR2



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.410000	---	25.79	47.65	21.86	N	9.8
0.414000	37.53	---	57.57	20.04	N	9.8
0.782000	---	25.04	46.00	20.96	N	9.8
1.446000	44.94	---	56.00	11.06	N	9.8
1.706000	---	30.23	46.00	15.77	N	9.8
2.194500	47.71	---	56.00	8.29	N	9.9
2.394000	---	32.31	46.00	13.69	N	9.9
2.570500	47.80	---	56.00	8.20	N	9.9
2.834000	---	32.62	46.00	13.38	N	9.9
2.893500	47.71	---	56.00	8.29	N	9.9
4.046000	45.09	---	56.00	10.91	N	9.9
4.202000	---	29.65	46.00	16.35	N	9.9

Final_Result

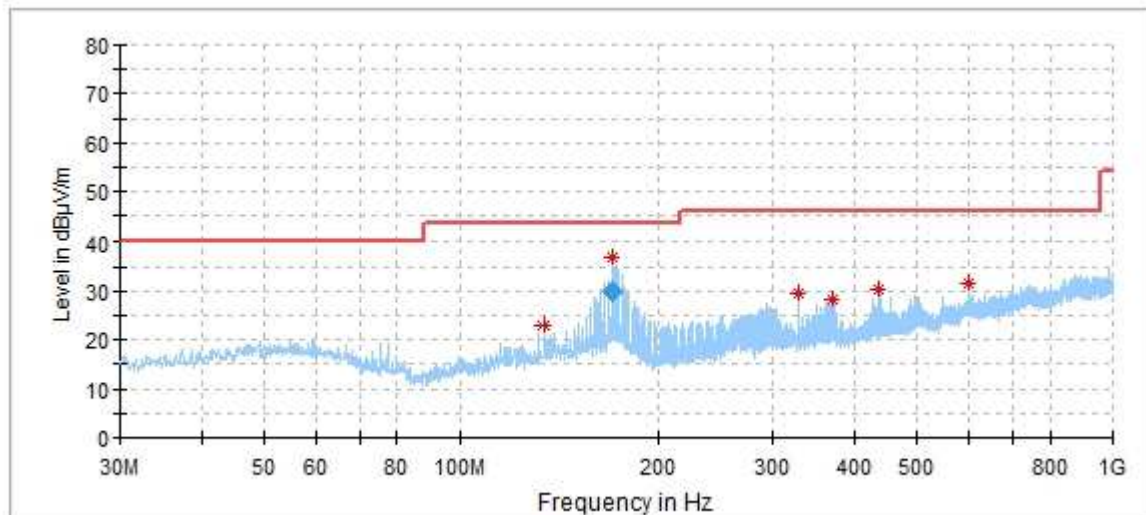
Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
2.194500	42.46	56.00	13.54	1000.0	9.000	N	9.9
2.570500	42.41	56.00	13.59	1000.0	9.000	N	9.9
2.893500	41.55	56.00	14.45	1000.0	9.000	N	9.9

Appendix C.2: Test Plots of Radiated Emission, Below 1GHz

Charging+Wi-Fi connecting mode

EUT Information

EUT Name: KidiBuzz 3
 Model: 5411
 Order No: 168307031
 Test Mode: Charging+Wi-Fi connecting mode
 Test Voltage: AC 120V/60Hz
 Test By: Mac Xie
 Review By: Gary Chen
 Remark: 3m Chamber



Critical_Freqs

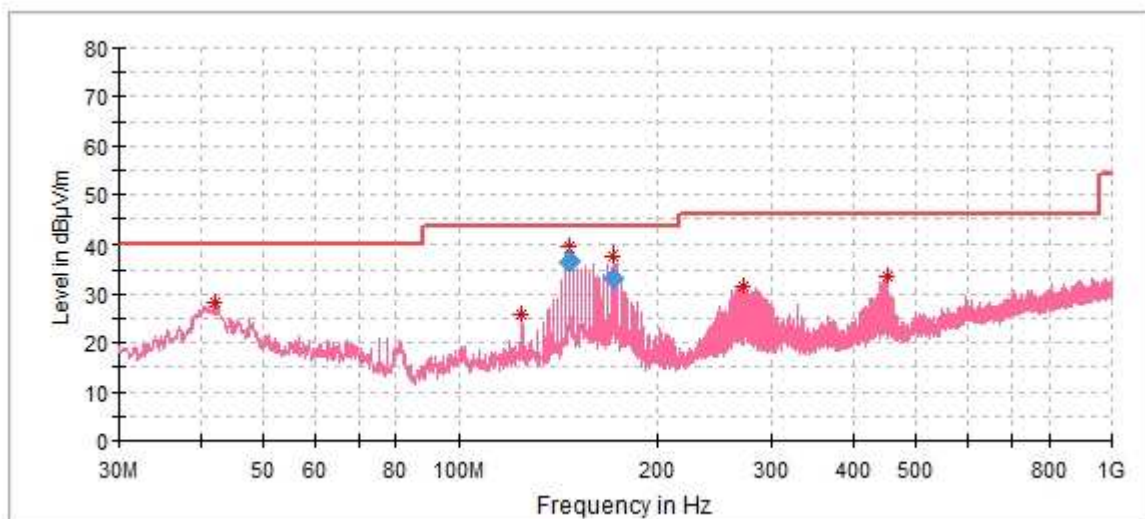
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
134.081000	23.08	43.50	20.42	200.0	H	112.0	19.6
169.854000	36.75	43.50	6.75	192.0	H	249.0	21.7
328.469000	29.61	46.00	16.39	100.0	H	284.0	21.5
371.246000	28.42	46.00	17.58	100.0	H	248.0	22.9
437.982000	30.48	46.00	15.52	100.0	H	227.0	23.8
602.203000	31.50	46.00	14.50	300.0	H	0.0	28.0

Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
169.854000	30.06	43.50	13.44	1000.0	120.000	192.0	H	249.0	21.7

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 Review By: Gary Chen
 Remark: 3m Chamber



Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
42.125000	28.19	40.00	11.81	100.0	V	324.0	20.1
124.963000	25.88	43.50	17.62	100.0	V	308.0	19.1
146.751000	39.48	43.50	4.02	100.0	V	82.0	20.3
171.851000	37.88	43.50	5.62	106.0	V	109.0	21.3
272.403000	31.47	46.00	14.53	200.0	V	136.0	20.4
450.786000	33.67	46.00	12.33	100.0	V	10.0	24.7

Final Result

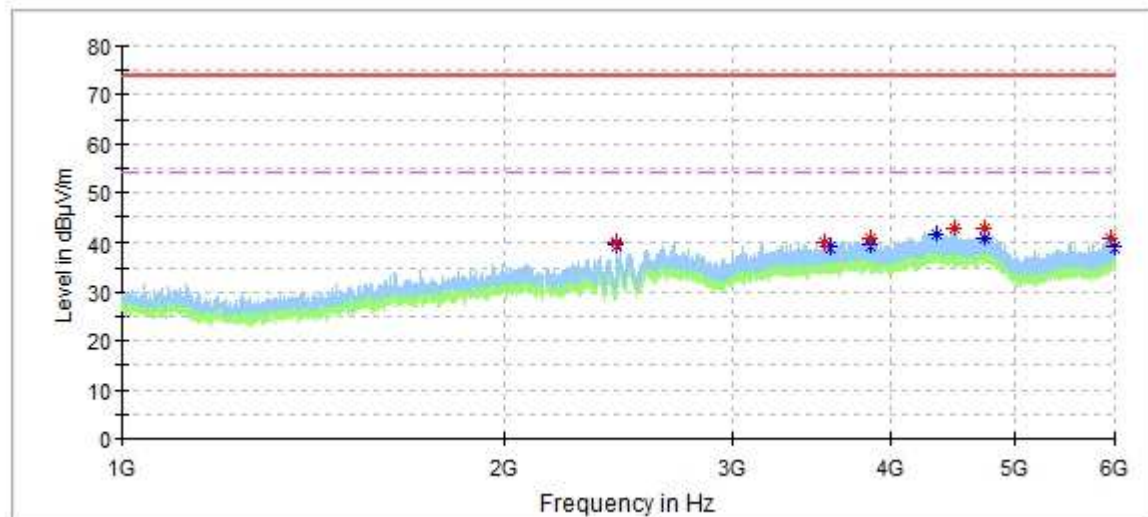
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
146.751000	36.54	43.50	6.96	1000.0	120.000	100.0	V	82.0	20.3
171.851000	33.21	43.50	10.29	1000.0	120.000	106.0	V	109.0	21.3

Appendix C.3: Test Plots of Radiated Emission, Above 1GHz

Charging+Wi-Fi connecting mode

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 Model: 5411
 Order No: 168307031
 Test Mode: Charging+Wi-Fi connecting mode
 Test Voltage: AC 120V/60Hz
 Test By: Mac Xie
 Review By: Gary Chen
 Remark: 3m Chamber

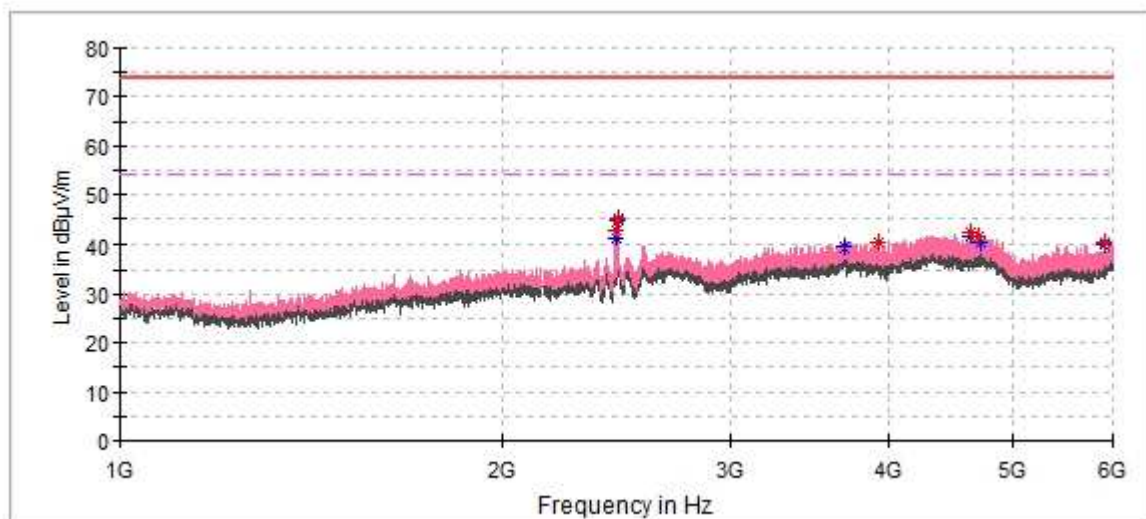


Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5950.000000	40.51	---	74.00	33.49	100.0	H	10.0	2.1
4739.500000	42.78	---	74.00	31.22	100.0	H	130.0	2.8
3554.000000	39.92	---	74.00	34.08	100.0	H	335.0	-0.8
2439.500000	---	39.27	54.00	14.73	200.0	H	0.0	-5.2
2439.500000	39.86	---	74.00	34.14	200.0	H	0.0	-5.2
4748.000000	---	40.77	54.00	13.23	200.0	H	95.0	2.9
3591.000000	---	39.12	54.00	14.88	200.0	H	143.0	-0.6
3853.000000	---	39.56	54.00	14.44	200.0	H	186.0	0.0
3853.000000	40.54	---	74.00	33.46	200.0	H	186.0	0.0
4341.500000	---	41.62	54.00	12.38	200.0	H	256.0	2.2
4489.500000	42.85	---	74.00	31.15	200.0	H	275.0	2.1
5998.000000	---	38.99	54.00	15.01	200.0	H	355.0	2.5

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 Review By: Gary Chen
 Remark: 3m Chamber



Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2441.000000	---	40.99	54.00	13.01	100.0	V	114.0	-5.2
3927.500000	40.37	---	74.00	33.63	100.0	V	171.0	-0.3
5917.000000	---	39.62	54.00	14.38	100.0	V	190.0	1.7
5917.000000	40.34	---	74.00	33.66	100.0	V	190.0	1.7
2449.000000	42.61	---	74.00	31.39	100.0	V	314.0	-5.1
2451.000000	---	44.56	54.00	9.44	100.0	V	314.0	-5.1
2451.000000	45.02	---	74.00	28.98	100.0	V	314.0	-5.1
4634.500000	---	41.46	54.00	12.54	200.0	V	0.0	2.1
4634.500000	42.31	---	74.00	31.69	200.0	V	0.0	2.1
3693.500000	---	39.52	54.00	14.48	200.0	V	205.0	0.2
4729.500000	---	40.16	54.00	13.84	200.0	V	256.0	2.8
4710.500000	41.32	---	74.00	32.68	200.0	V	289.0	2.7