Appendix B: Test Results of Wi-Fi 2.4G and Bluetooth Low Energy

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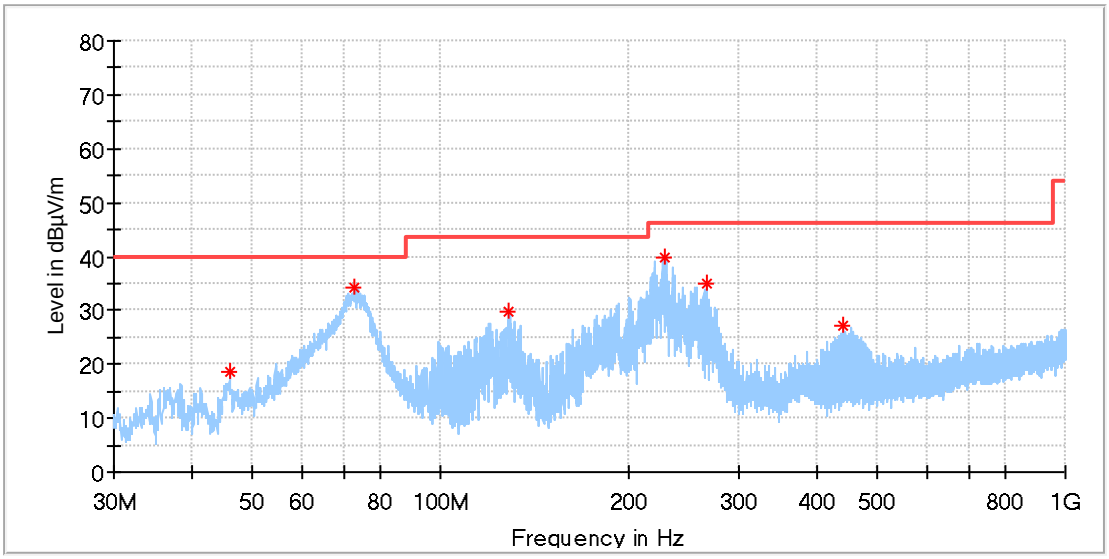
Appendix B.1: Test Results of Radiated Spurious Emissions

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 to 1GHz of Blutooth Low Energy

EUT Information

EUT Name:	PAWBBY Smart Selfcleaning Cat Litter Box
Model:	MG-CLB001-US
Test Mode:	BLE 1M_Mid channel
Order No/Sample No:	168416067/A003427359-001
Test Voltage::	120V/60Hz
Remark:	Temp 22 Humi:55%
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)
46.005000	18.79	40.00	21.21	100.0	H	0.0	-19.0
72.941154	34.23	40.00	5.77	100.0	H	30.0	-23.0
128.865385	29.94	43.50	13.56	100.0	H	136.0	-22.1
227.618846	39.89	46.00	6.11	100.0	H	153.0	-18.5
266.530769	34.99	46.00	11.01	100.0	H	260.0	-17.3
439.451923	26.99	46.00	19.01	100.0	H	278.0	-13.5

Final_Result

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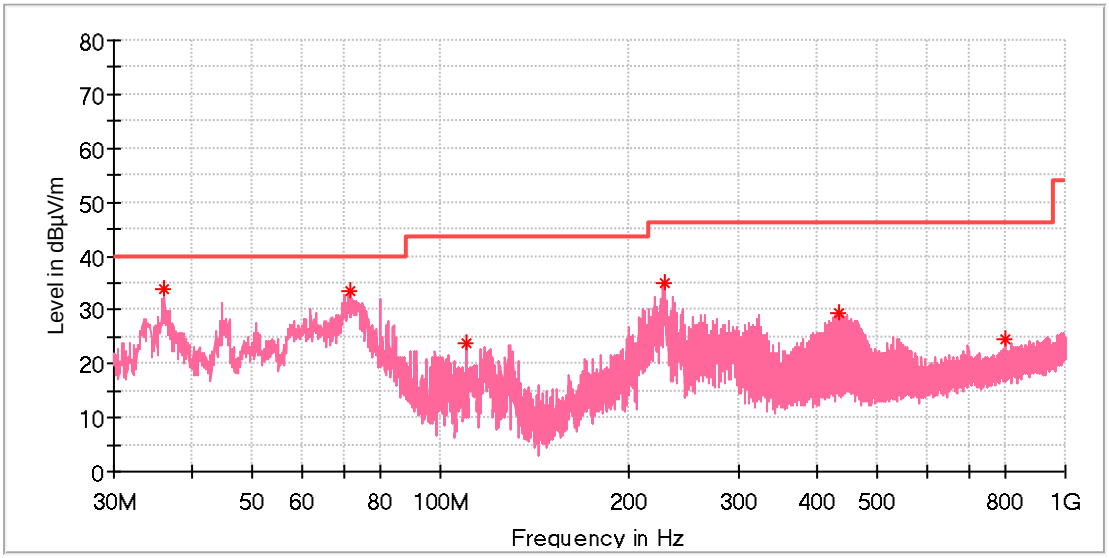
EUT Information

EUT Name:	PAWBBY Smart Selfcleaning Cat Litter Box
Model:	MG-CLB001-US
Test Mode:	BLE 1M_Mid channel
Order No/Sample No:	168416067/A003427359-001
Test Voltage::	120V/60Hz
Remark:	Temp 22 Humi:55%
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)
36.118462	33.80	40.00	6.20	100.0	V	347.0	-21.8
71.486154	33.41	40.00	6.59	100.0	V	68.0	-22.6
110.062308	23.82	43.50	19.68	100.0	V	9.0	-19.4
228.514231	35.01	46.00	10.99	100.0	V	303.0	-18.5
435.609231	29.45	46.00	16.55	100.0	V	173.0	-13.5
800.030769	24.46	46.00	21.54	100.0	V	294.0	-6.8

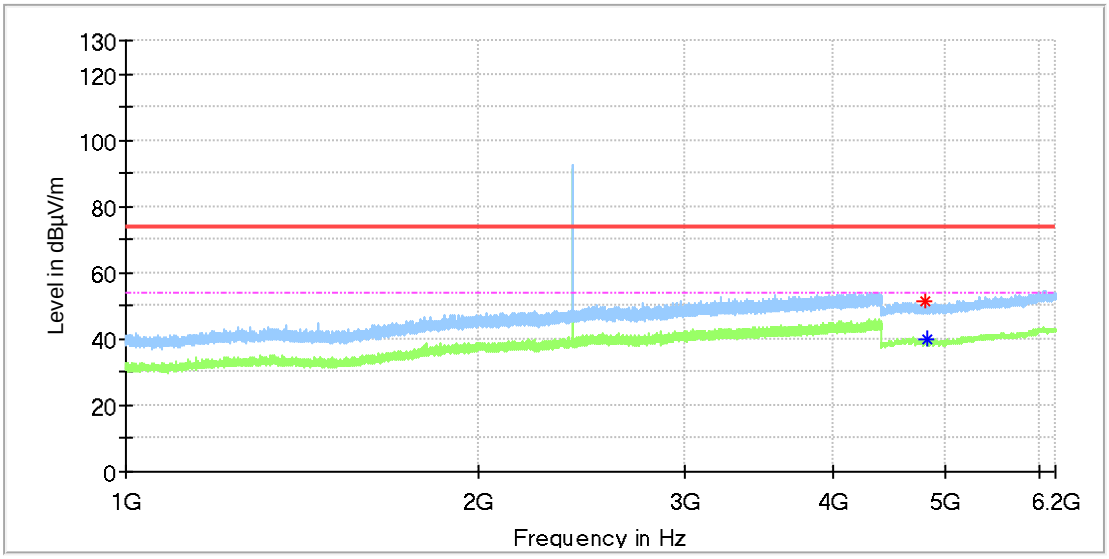
Final_Result

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

1GHz-18GHz of Bluetooth Low Energy
Note: The highest waveform in the figure is Bluetooth Fundamental.

EUT Information

EUT Name:	PAWBBY Smart Selfcleaning Cat Litter Box
Model:	MG-CLB001-US
Test Mode:	BLE 1M_Low channel
Order No/Sample No:	168416067/A003427359-001
Test Voltage::	120V/60Hz
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

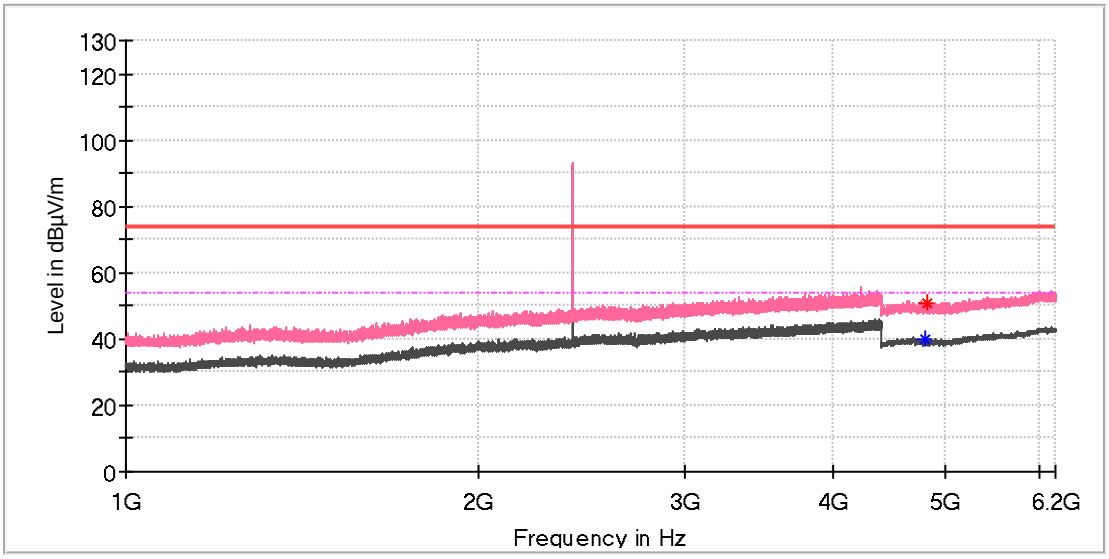
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4794.000000	51.27	---	74.00	22.73	150.0	H	273.0	11.8
4815.000000	---	39.68	54.00	14.32	150.0	H	33.0	11.8

Final_Result

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

EUT Information

EUT Name:	PAWBBY Smart Selfcleaning Cat Litter Box
Model:	MG-CLB001-US
Test Mode:	BLE 1M_Low channel
Order No/Sample No:	168416067/A003427359-001
Test Voltage::	120V/60Hz
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

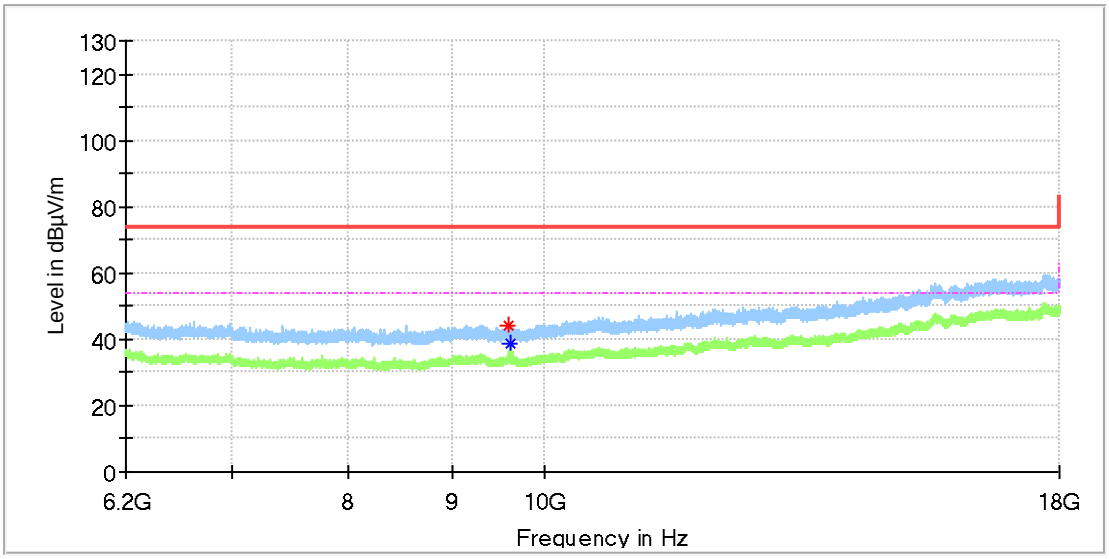
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4808.000000	---	39.62	54.00	14.38	150.0	V	189.0	11.8
4817.500000	50.58	---	74.00	23.42	150.0	V	357.0	11.8

Final_Result

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

EUT Information

EUT Name:	PAWBBY Smart Selfcleaning Cat Litter Box
Model:	MG-CLB001-US
Test Mode:	BLE 1M_Low channel
Order No/Sample No:	168416067/A003427359-001
Test Voltage::	120V/60Hz
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

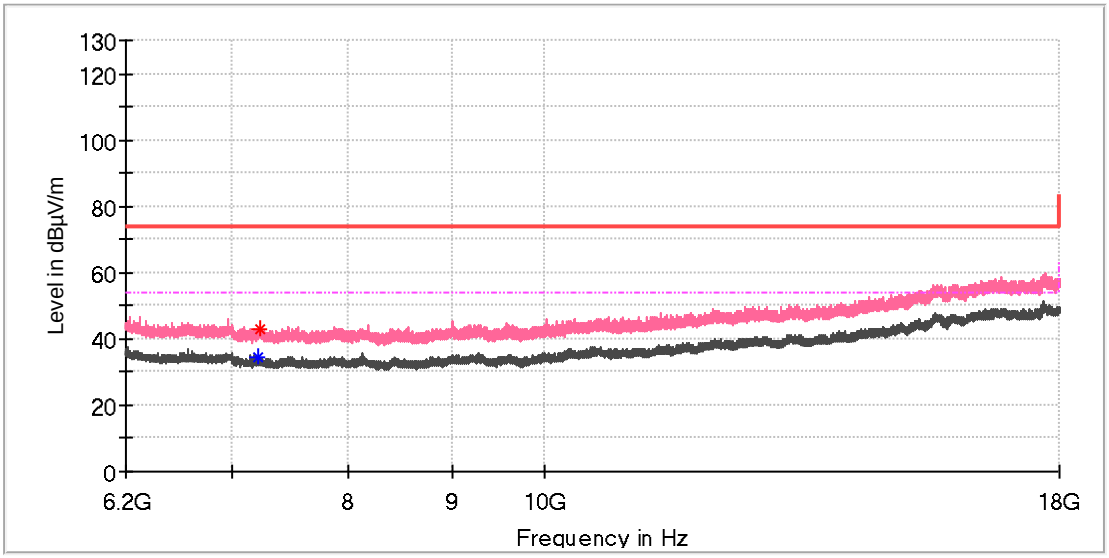
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
9602.333333	44.03	---	74.00	29.97	150.0	H	229.0	10.4
9607.741667	---	38.70	54.00	15.30	150.0	H	44.0	10.4

Final_Result

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

EUT Information

EUT Name:	PAWBBY Smart Selfcleaning Cat Litter Box
Model:	MG-CLB001-US
Test Mode:	BLE 1M_Low channel
Order No/Sample No:	168416067/A003427359-001
Test Voltage::	120V/60Hz
Remark:	Temp 22 Humi:55%
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)
7213.816667	---	34.28	54.00	19.72	150.0	V	0.0	8.7
7232.008333	43.17	---	74.00	30.83	150.0	V	101.0	8.6

Final_Result

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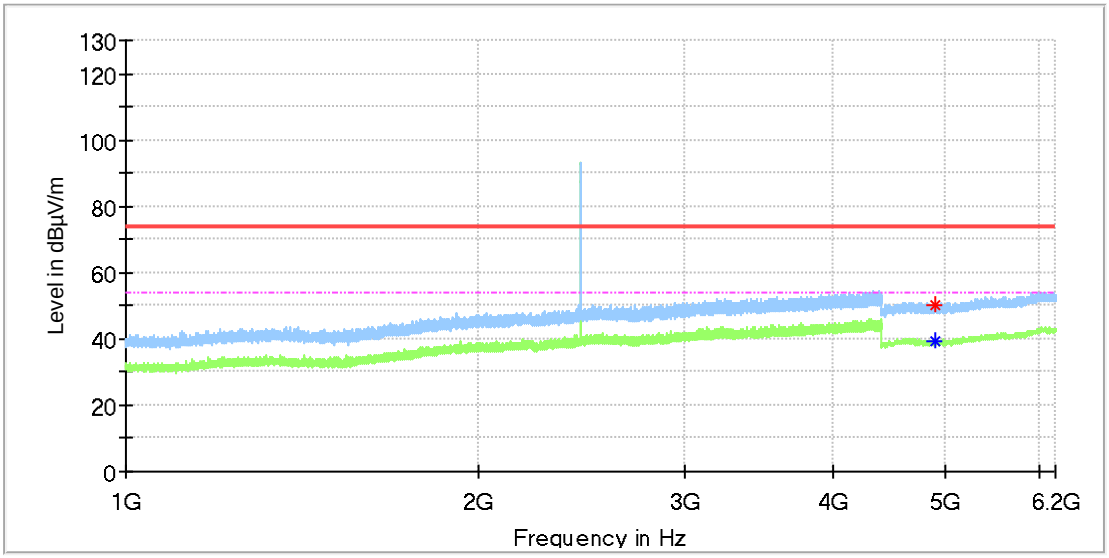
EUT Information

EUT Name:	PAWBBY Smart Selfcleaning Cat Litter Box
Model:	MG-CLB001-US
Test Mode:	BLE 1M_Mid channel
Order No/Sample No:	168416067/A003427359-001
Test Voltage::	120V/60Hz
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

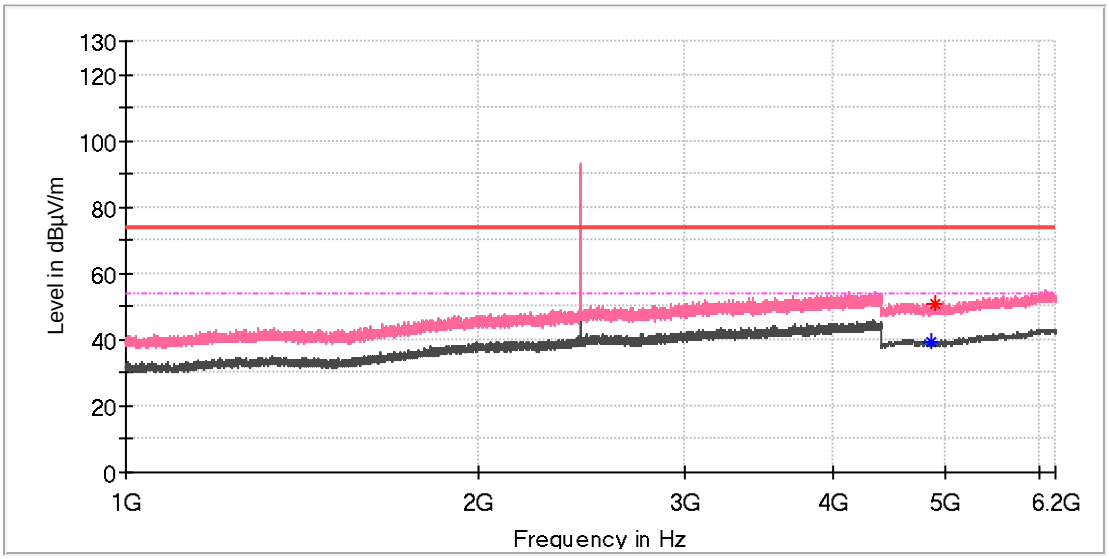
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4900.000000	50.33	---	74.00	23.67	150.0	H	206.0	11.8
4903.500000	---	39.41	54.00	14.59	150.0	H	26.0	11.8

Final_Result

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

EUT Information

EUT Name:	PAWBBY Smart Selfcleaning Cat Litter Box
Model:	MG-CLB001-US
Test Mode:	BLE 1M_Mid channel
Order No/Sample No:	168416067/A003427359-001
Test Voltage::	120V/60Hz
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

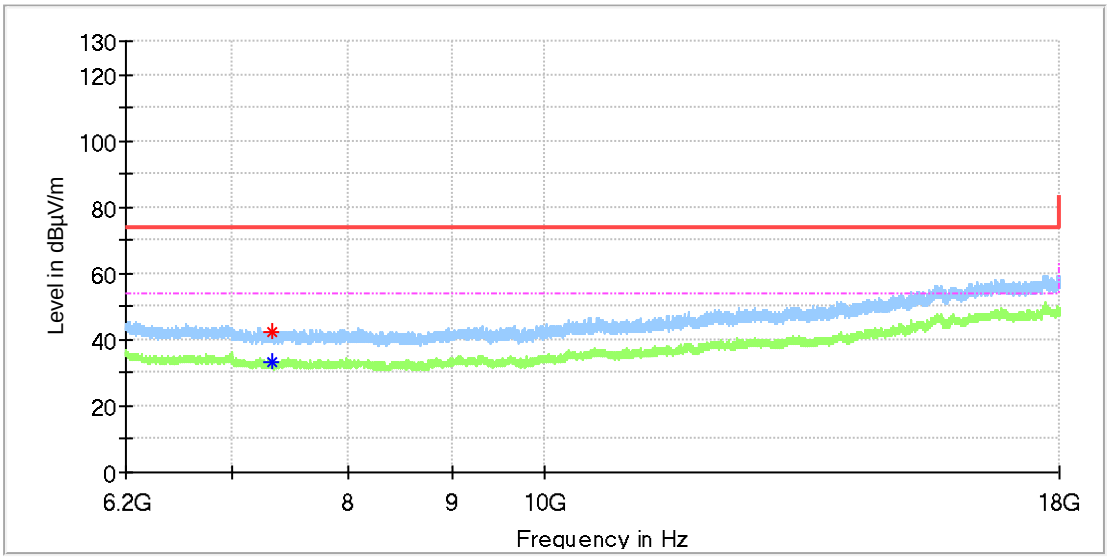
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4868.000000	---	39.30	54.00	14.70	150.0	V	41.0	11.8
4895.000000	50.61	---	74.00	23.39	150.0	V	251.0	11.8

Final_Result

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

EUT Information

EUT Name:	PAWBBY Smart Selfcleaning Cat Litter Box
Model:	MG-CLB001-US
Test Mode:	BLE 1M_Mid channel
Order No/Sample No:	168416067/A003427359-001
Test Voltage::	120V/60Hz
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

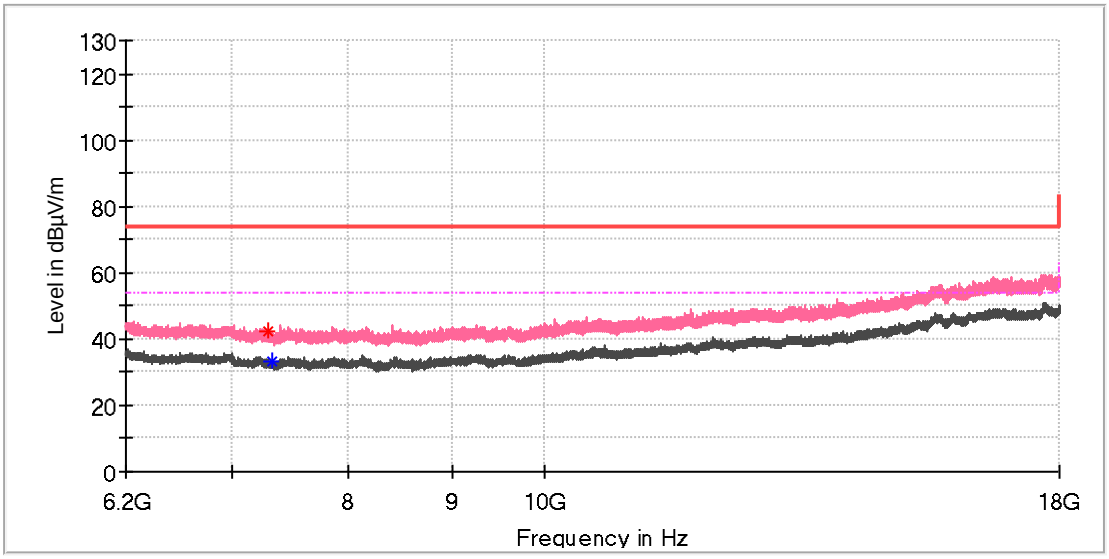
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7321.491667	42.14	---	74.00	31.86	150.0	H	342.0	8.2
7328.375000	---	33.53	54.00	20.47	150.0	H	190.0	8.1

Final_Result

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

EUT Information

EUT Name:	PAWBBY Smart Selfcleaning Cat Litter Box
Model:	MG-CLB001-US
Test Mode:	BLE 1M_Mid channel
Order No/Sample No:	168416067/A003427359-001
Test Voltage::	120V/60Hz
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

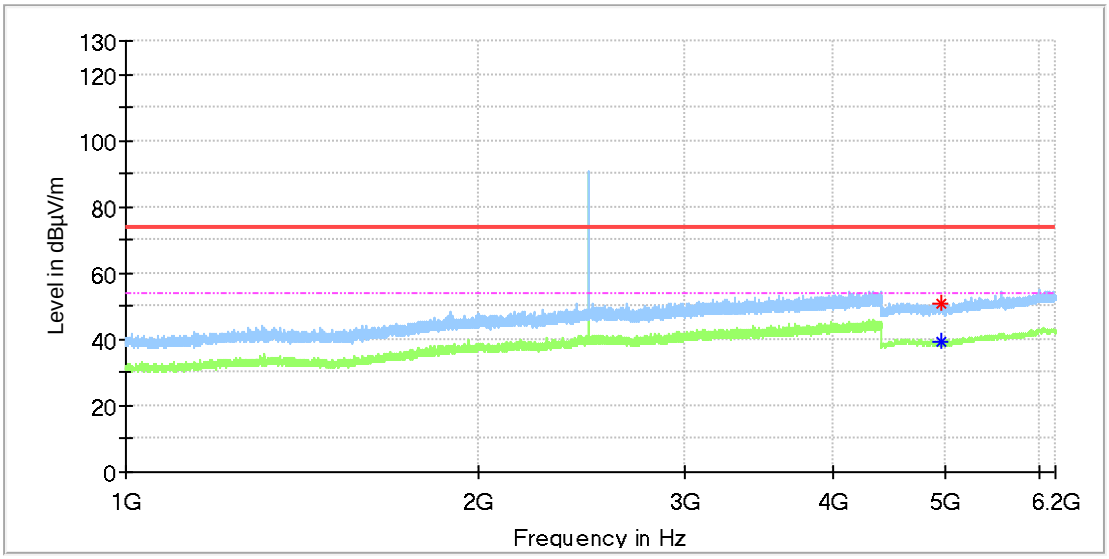
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7290.025000	42.45	---	74.00	31.55	150.0	V	110.0	8.4
7331.325000	---	33.43	54.00	20.57	150.0	V	170.0	8.1

Final_Result

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

EUT Information

EUT Name:	PAWBBY Smart Selfcleaning Cat Litter Box
Model:	MG-CLB001-US
Test Mode:	BLE 1M_High channel
Order No/Sample No:	168416067/A003427359-001
Test Voltage::	120V/60Hz
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

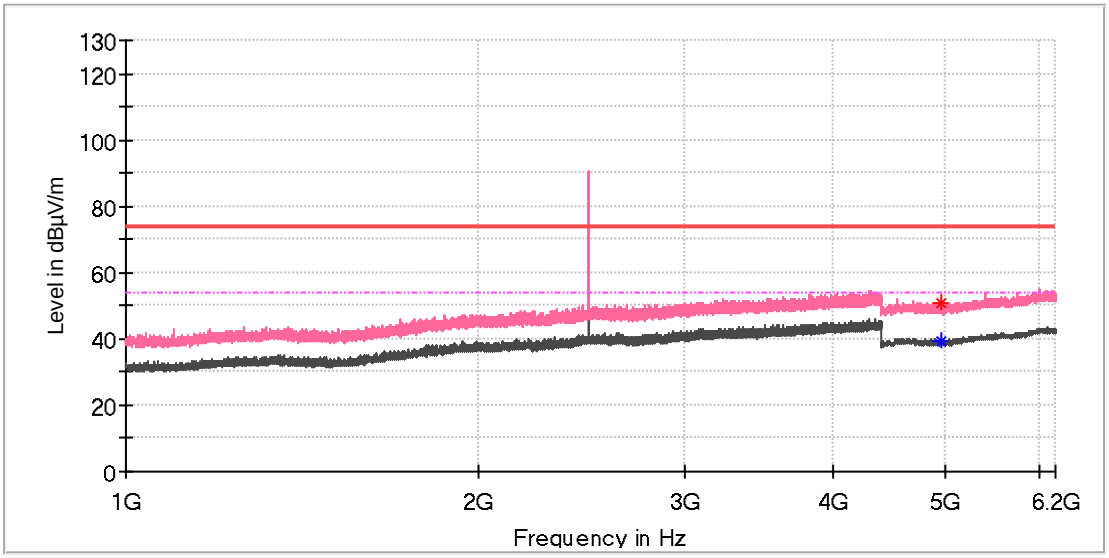
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4946.000000	51.01	---	74.00	22.99	150.0	H	313.0	11.8
4955.500000	---	39.52	54.00	14.48	150.0	H	230.0	11.8

Final_Result

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

EUT Information

EUT Name:	PAWBBY Smart Selfcleaning Cat Litter Box
Model:	MG-CLB001-US
Test Mode:	BLE 1M_High channel
Order No/Sample No:	168416067/A003427359-001
Test Voltage::	120V/60Hz
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

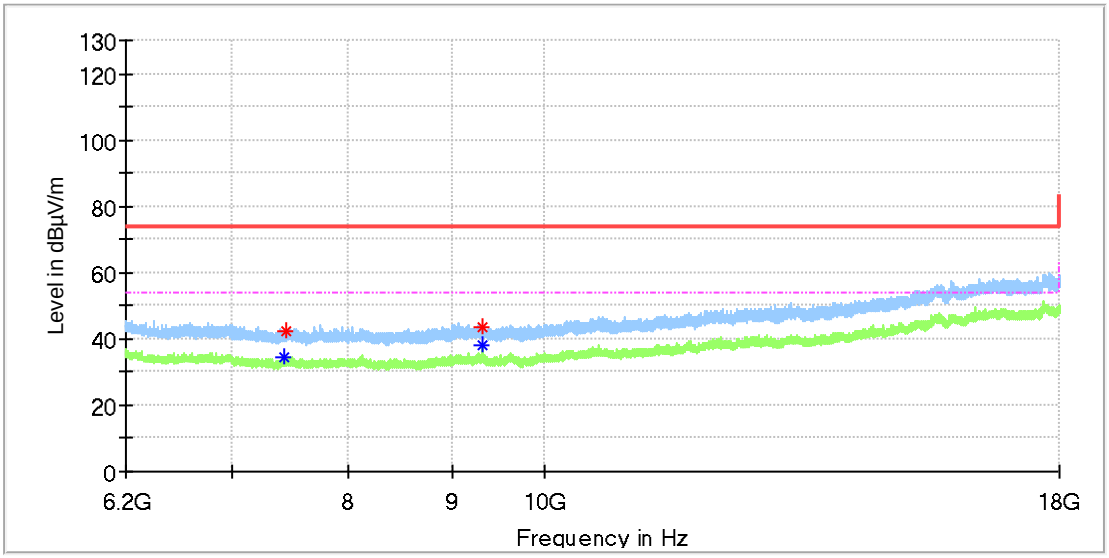
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4948.000000	50.53	---	74.00	23.47	150.0	V	65.0	11.8
4948.500000	---	39.46	54.00	14.54	150.0	V	273.0	11.8

Final_Result

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

EUT Information

EUT Name:	PAWBBY Smart Selfcleaning Cat Litter Box
Model:	MG-CLB001-US
Test Mode:	BLE 1M_High channel
Order No/Sample No:	168416067/A003427359-001
Test Voltage::	120V/60Hz
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

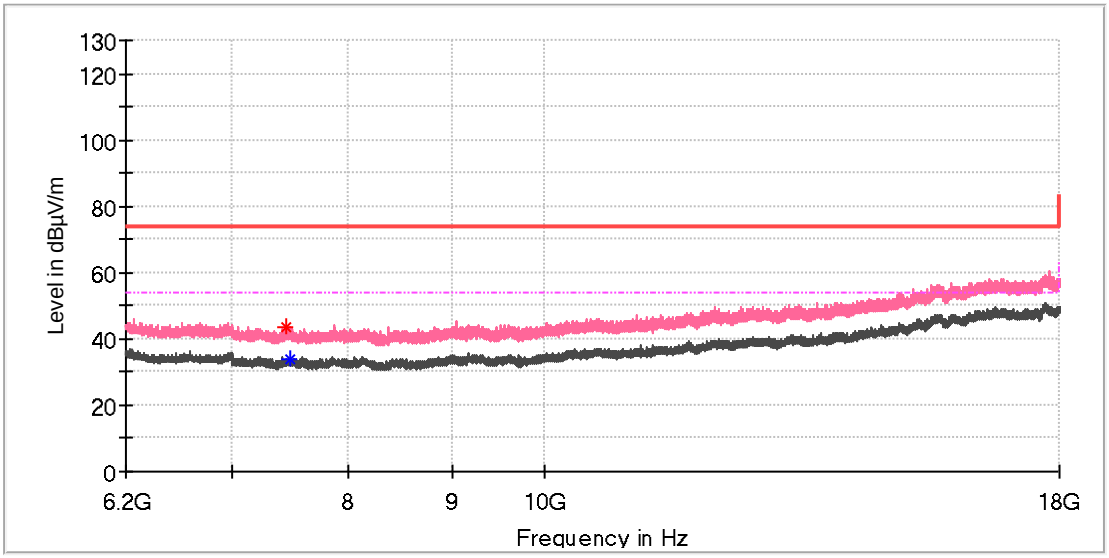
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7431.133333	---	34.47	54.00	19.53	150.0	H	77.0	8.4
7440.475000	42.41	---	74.00	31.59	150.0	H	236.0	8.4
9310.775000	---	37.96	54.00	16.04	150.0	H	0.0	10.1
9324.050000	43.55	---	74.00	30.45	150.0	H	6.0	10.0

Final_Result

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

EUT Information

EUT Name:	PAWBBY Smart Selfcleaning Cat Litter Box
Model:	MG-CLB001-US
Test Mode:	BLE 1M_High channel
Order No/Sample No:	168416067/A003427359-001
Test Voltage::	120V/60Hz
Remark:	Temp 22 Humi:55%
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)
7452.766667	43.42	---	74.00	30.58	150.0	V	200.0	8.5
7472.433333	---	34.16	54.00	19.84	150.0	V	356.0	8.6

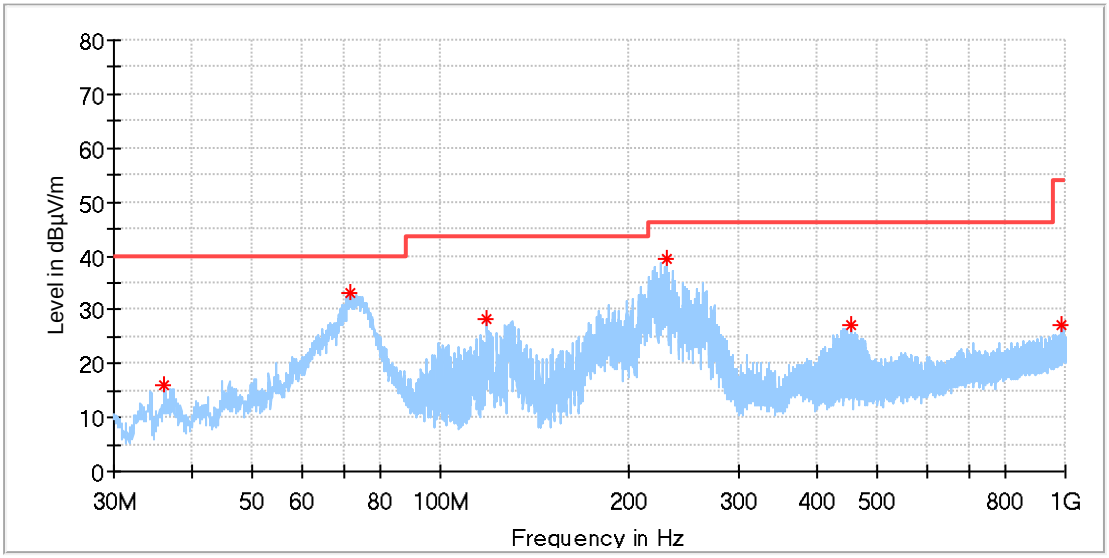
Final_Result

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

30 MHz to 1GHz of Wi-Fi 2.4G

EUT Information

EUT Name:	PAWBBY Smart Selfcleaning Cat Litter Box
Model:	MG-CLB001-US
Test Mode:	WIFI 2.4G_11b_Ch6
Order No/Sample No:	168416067/A003427359-001
Test Voltage::	120V/60Hz
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

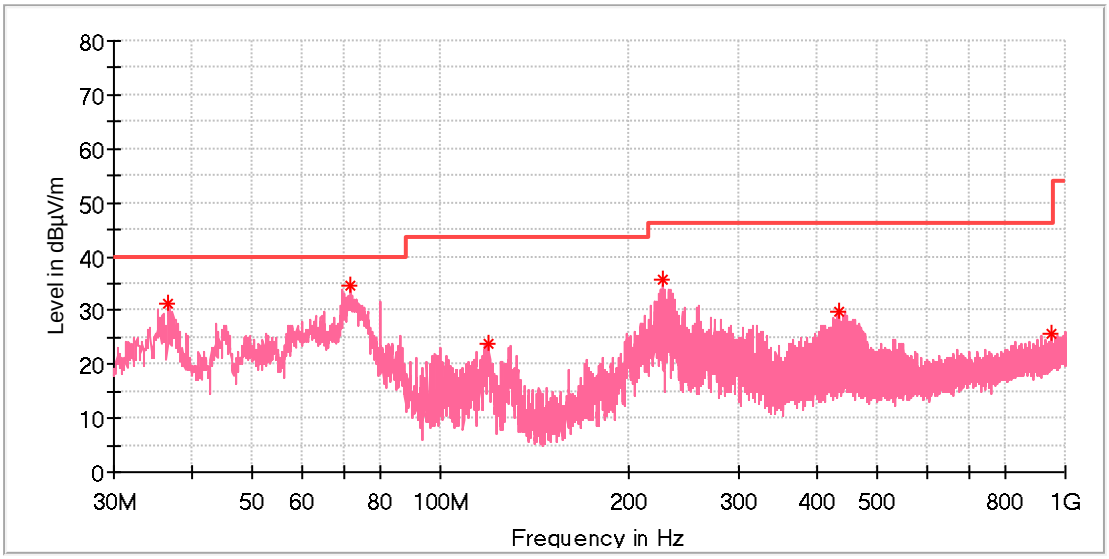
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
36.155769	15.92	40.00	24.08	100.0	H	304.0	-21.8
71.821923	33.06	40.00	6.94	100.0	H	238.0	-22.7
118.717692	28.35	43.50	15.15	100.0	H	114.0	-20.8
230.454231	39.31	46.00	6.69	100.0	H	123.0	-18.4
452.621539	27.26	46.00	18.74	100.0	H	148.0	-13.2
982.390769	27.19	54.00	26.81	100.0	H	107.0	-4.4

Final_Result

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

EUT Information

EUT Name:	PAWBBY Smart Selfcleaning Cat Litter Box
Model:	MG-CLB001-US
Test Mode:	WIFI 2.4G_11b_Ch6
Order No/Sample No:	168416067/A003427359-001
Test Voltage::	120V/60Hz
Remark:	Temp 22 Humi:55%
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)
36.603462	31.40	40.00	8.60	100.0	V	83.0	-21.6
71.896539	34.56	40.00	5.44	100.0	V	155.0	-22.7
118.941539	23.99	43.50	19.51	100.0	V	170.0	-20.9
226.723462	35.89	46.00	10.12	100.0	V	317.0	-18.6
433.781154	29.77	46.00	16.23	100.0	V	170.0	-13.5
949.522692	25.70	46.00	20.30	100.0	V	65.0	-4.9

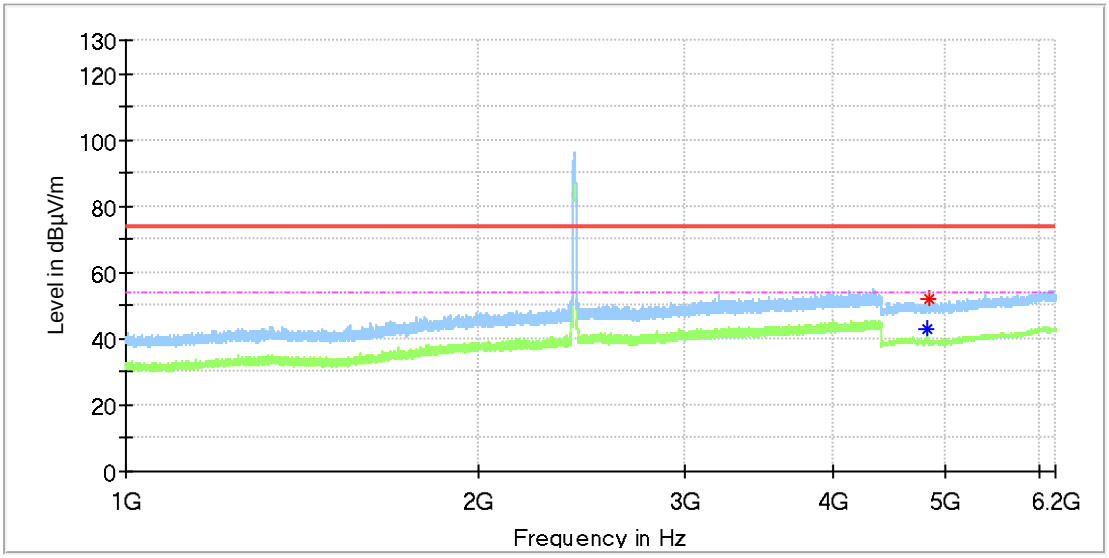
Final_Result

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

1GHz-18GHz of Wi-Fi 2.4G

EUT Information

EUT Name:	PAWBBY Smart Selfcleaning Cat Litter Box
Model:	MG-CLB001-US
Test Mode:	WIFI 2.4G_11b_Ch1
Order No/Sample No:	168416067/A003427359-001
Test Voltage::	120V/60Hz
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

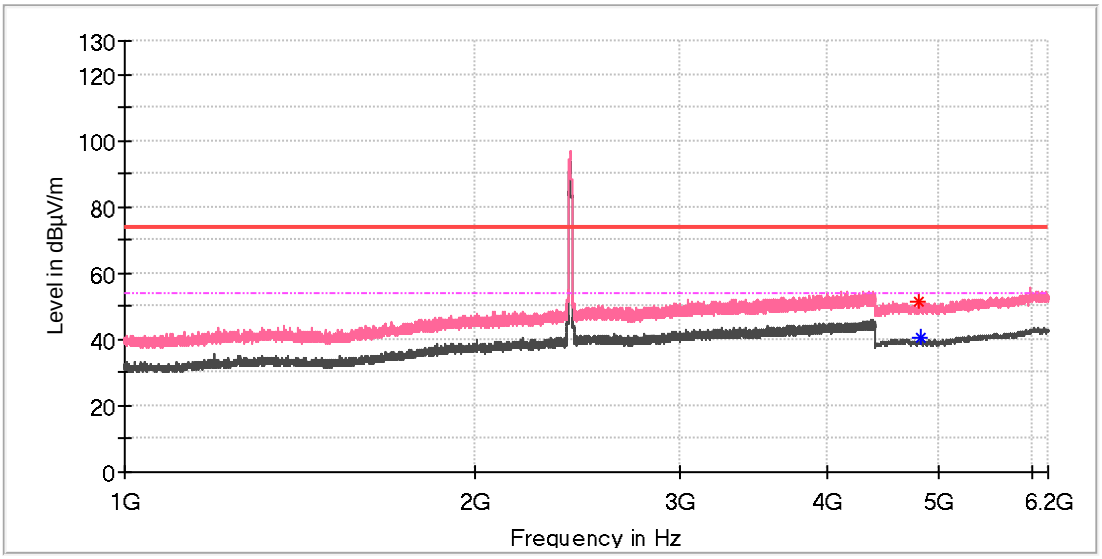
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4824.000000	---	42.85	54.00	11.15	150.0	H	142.0	11.8
4837.500000	51.84	---	74.00	22.16	150.0	H	12.0	11.8

Final_Result

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

EUT Information

EUT Name:	PAWBBY Smart Selfcleaning Cat Litter Box
Model:	MG-CLB001-US
Test Mode:	WIFI 2.4G_11b_Ch1
Order No/Sample No:	168416067/A003427359-001
Test Voltage::	120V/60Hz
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

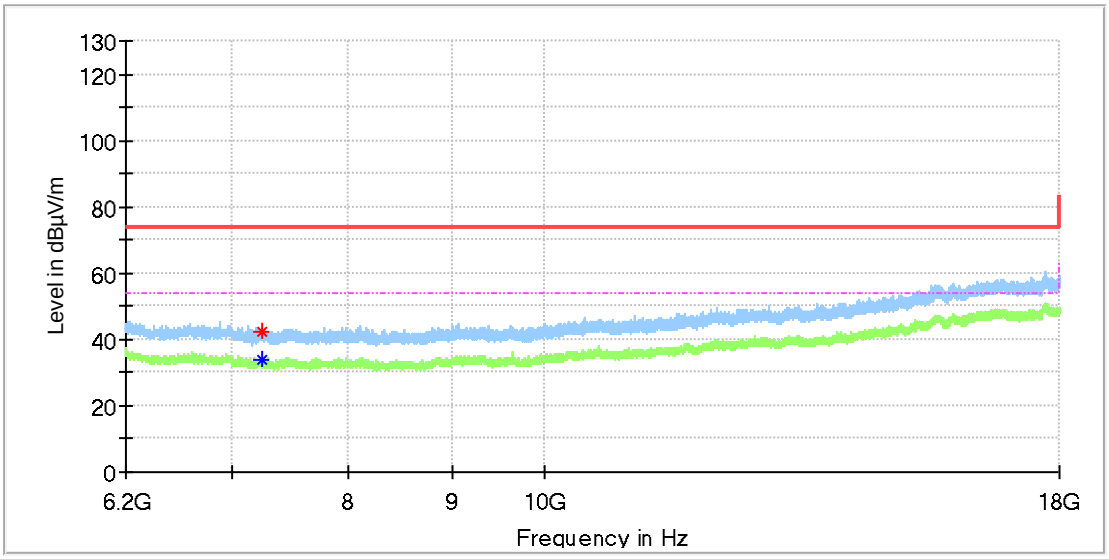
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4808.000000	51.44	---	74.00	22.56	150.0	V	359.0	11.8
4824.000000	---	40.51	54.00	13.49	150.0	V	298.0	11.8

Final_Result

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

EUT Information

EUT Name:	PAWBBY Smart Selfcleaning Cat Litter Box
Model:	MG-CLB001-US
Test Mode:	WIFI 2.4G_11b_Ch1
Order No/Sample No:	168416067/A003427359-001
Test Voltage::	120V/60Hz
Remark:	Temp 22 Humi:55%
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)
7235.450000	42.46	---	74.00	31.54	150.0	H	299.0	8.6
7236.433333	---	33.89	54.00	20.11	150.0	H	299.0	8.6

Final_Result

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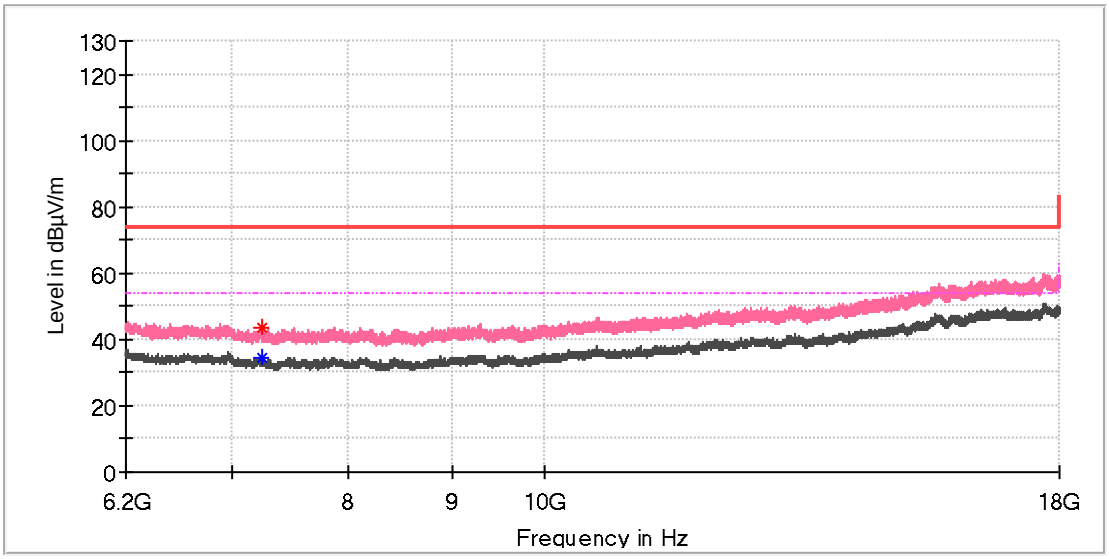
EUT Information

EUT Name:	PAWBBY Smart Selfcleaning Cat Litter Box
Model:	MG-CLB001-US
Test Mode:	WIFI 2.4G_11b_Ch1
Order No/Sample No:	168416067/A003427359-001
Test Voltage::	120V/60Hz
Remark:	Temp 22 Humi:55%
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)
7235.450000	43.48	---	74.00	30.52	150.0	V	157.0	8.6
7235.450000	---	34.58	54.00	19.42	150.0	V	157.0	8.6

Final_Result

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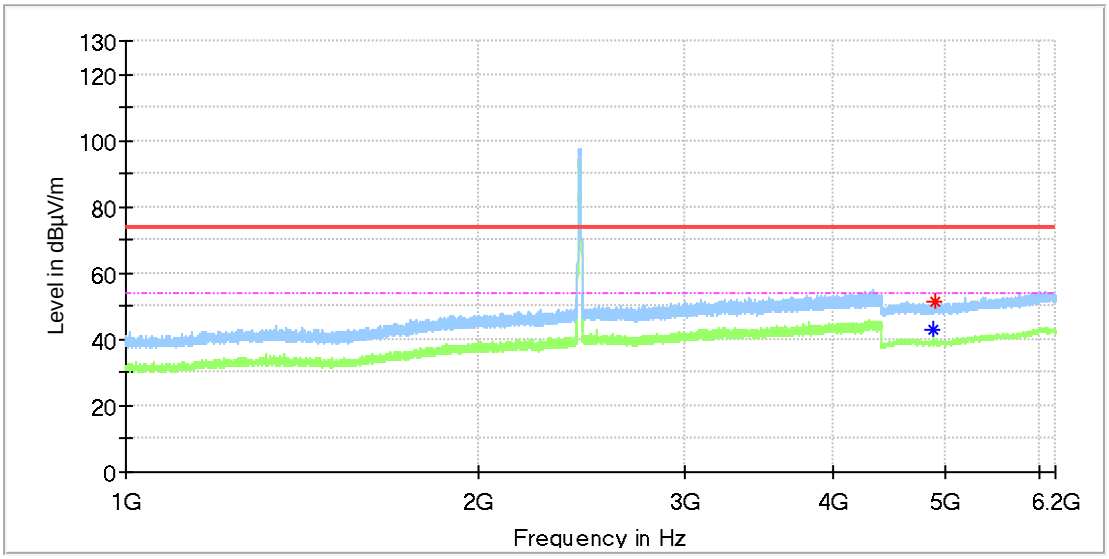
EUT Information

EUT Name:	PAWBBY Smart Selfcleaning Cat Litter Box
Model:	MG-CLB001-US
Test Mode:	WIFI 2.4G_11b_Ch6
Order No/Sample No:	168416067/A003427359-001
Test Voltage::	120V/60Hz
Remark:	Temp 22 Humi:55%
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)
4874.000000	---	42.68	54.00	11.32	150.0	H	273.0	11.8
4896.000000	51.54	---	74.00	22.46	150.0	H	25.0	11.8

Final_Result

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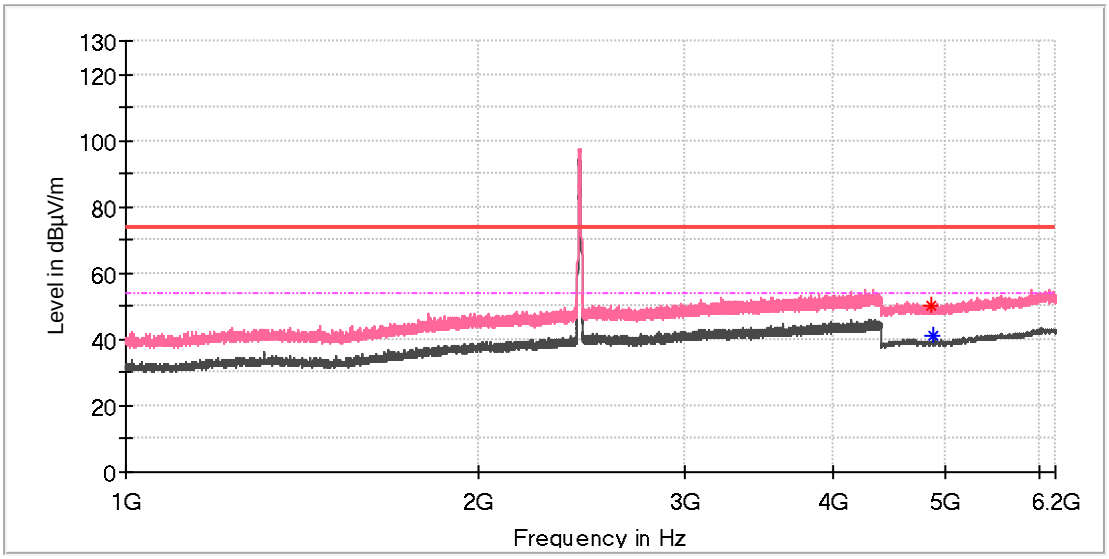
EUT Information

EUT Name:	PAWBBY Smart Selfcleaning Cat Litter Box
Model:	MG-CLB001-US
Test Mode:	WIFI 2.4G_11b_Ch6
Order No/Sample No:	168416067/A003427359-001
Test Voltage::	120V/60Hz
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

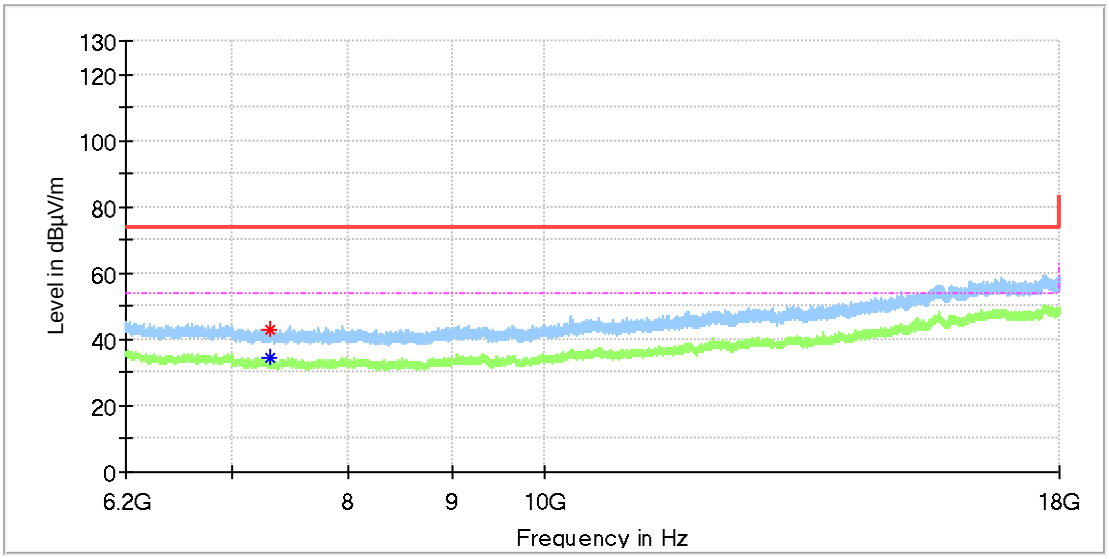
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4851.000000	50.36	---	74.00	23.64	150.0	V	357.0	11.8
4873.500000	---	41.33	54.00	12.67	150.0	V	321.0	11.8

Final_Result

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

EUT Information

EUT Name:	PAWBBY Smart Selfcleaning Cat Litter Box
Model:	MG-CLB001-US
Test Mode:	WIFI 2.4G_11b_Ch6
Order No/Sample No:	168416067/A003427359-001
Test Voltage::	120V/60Hz
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

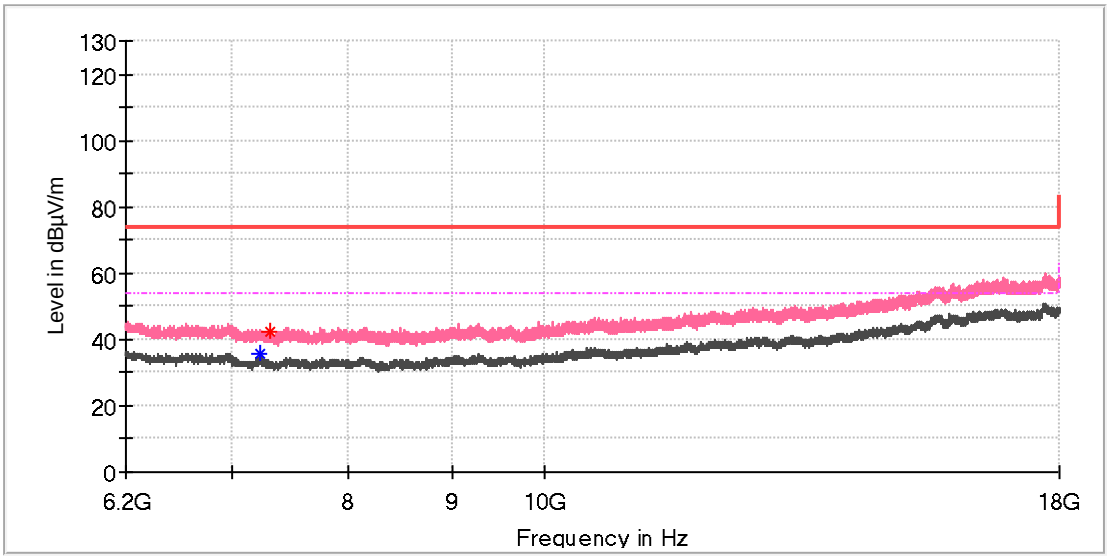
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7312.150000	42.63	---	74.00	31.37	150.0	H	163.0	8.2
7316.575000	---	34.31	54.00	19.69	150.0	H	246.0	8.2

Final_Result

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

EUT Information

EUT Name:	PAWBBY Smart Selfcleaning Cat Litter Box
Model:	MG-CLB001-US
Test Mode:	WIFI 2.4G_11b_Ch6
Order No/Sample No:	168416067/A003427359-001
Test Voltage::	120V/60Hz
Remark:	Temp 22 Humi:55%
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)
7220.208333	---	35.69	54.00	18.31	150.0	V	317.0	8.7
7306.741667	42.39	---	74.00	31.61	150.0	V	204.0	8.3

Final_Result

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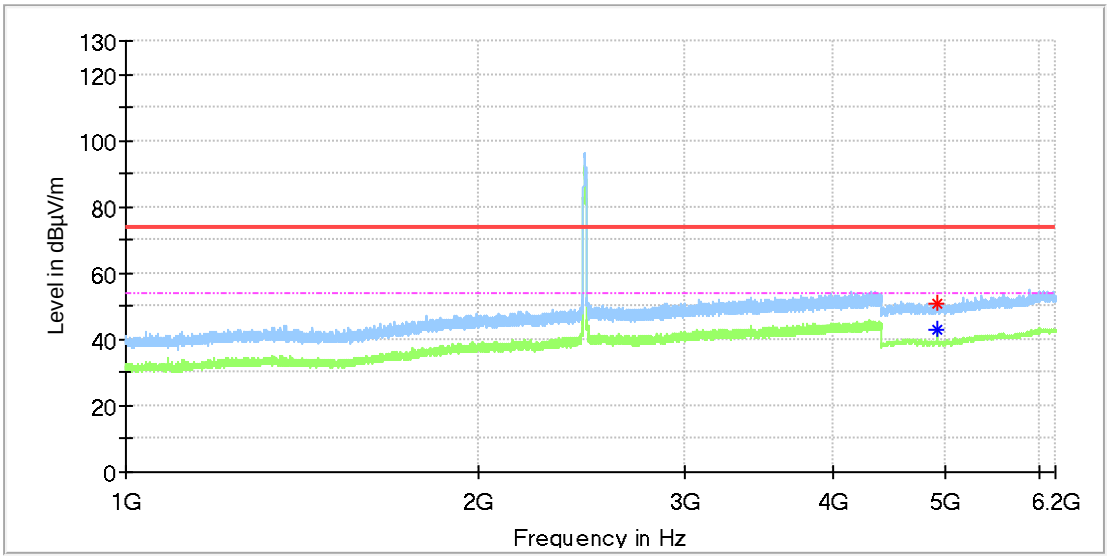
EUT Information

EUT Name:	PAWBBY Smart Selfcleaning Cat Litter Box
Model:	MG-CLB001-US
Test Mode:	WIFI 2.4G_11b_Ch11
Order No/Sample No:	168416067/A003427359-001
Test Voltage::	120V/60Hz
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

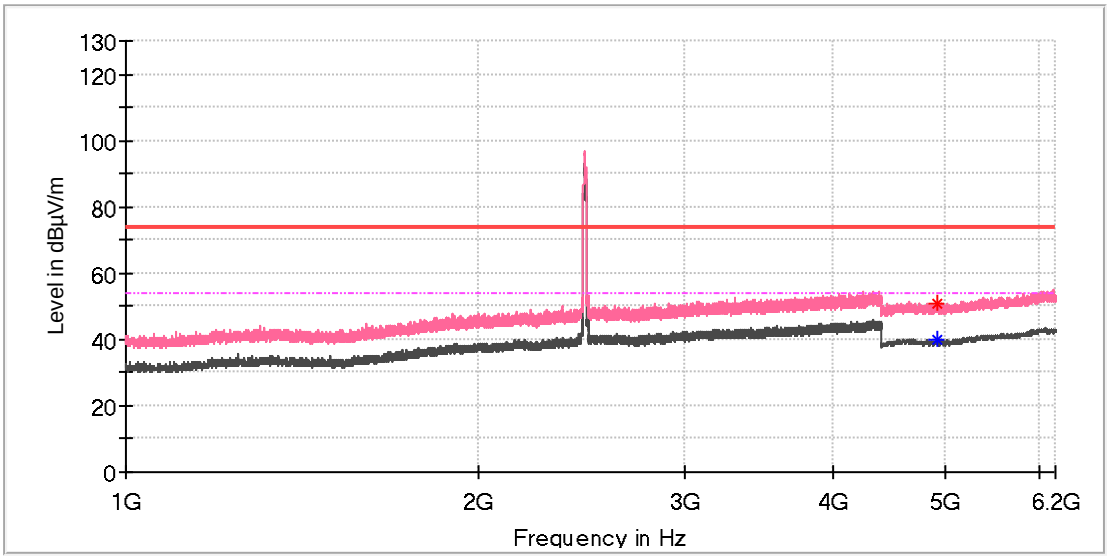
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4923.500000	51.00	---	74.00	23.00	150.0	H	151.0	11.8
4924.000000	---	42.66	54.00	11.34	150.0	H	314.0	11.8

Final_Result

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

EUT Information

EUT Name:	PAWBBY Smart Selfcleaning Cat Litter Box
Model:	MG-CLB001-US
Test Mode:	WIFI 2.4G_11b_Ch11
Order No/Sample No:	168416067/A003427359-001
Test Voltage::	120V/60Hz
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

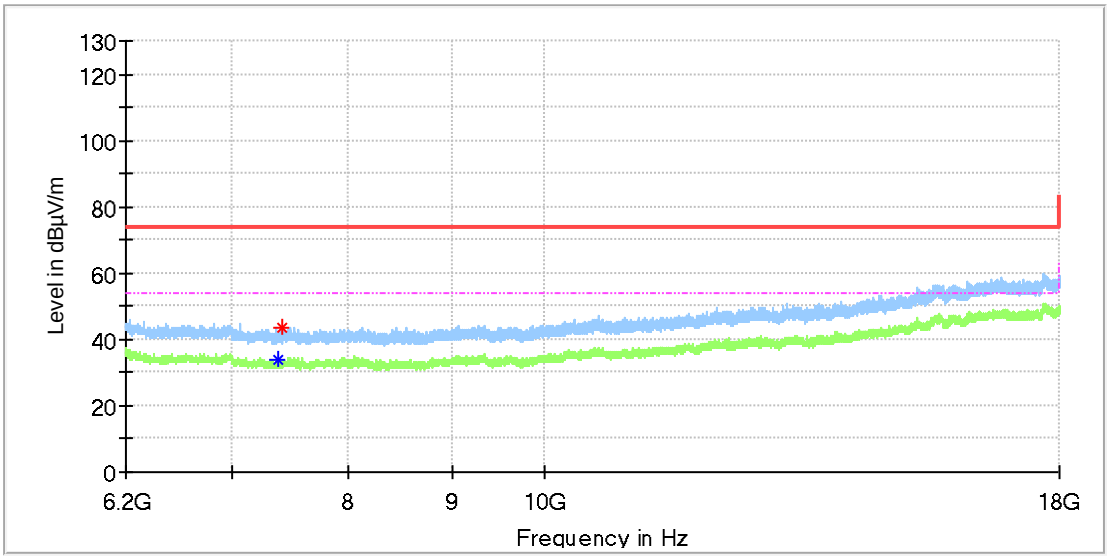
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4911.500000	50.56	---	74.00	23.44	150.0	V	230.0	11.8
4924.000000	---	39.69	54.00	14.31	150.0	V	332.0	11.8

Final_Result

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

EUT Information

EUT Name:	PAWBBY Smart Selfcleaning Cat Litter Box
Model:	MG-CLB001-US
Test Mode:	WIFI 2.4G_11b_Ch11
Order No/Sample No:	168416067/A003427359-001
Test Voltage::	120V/60Hz
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

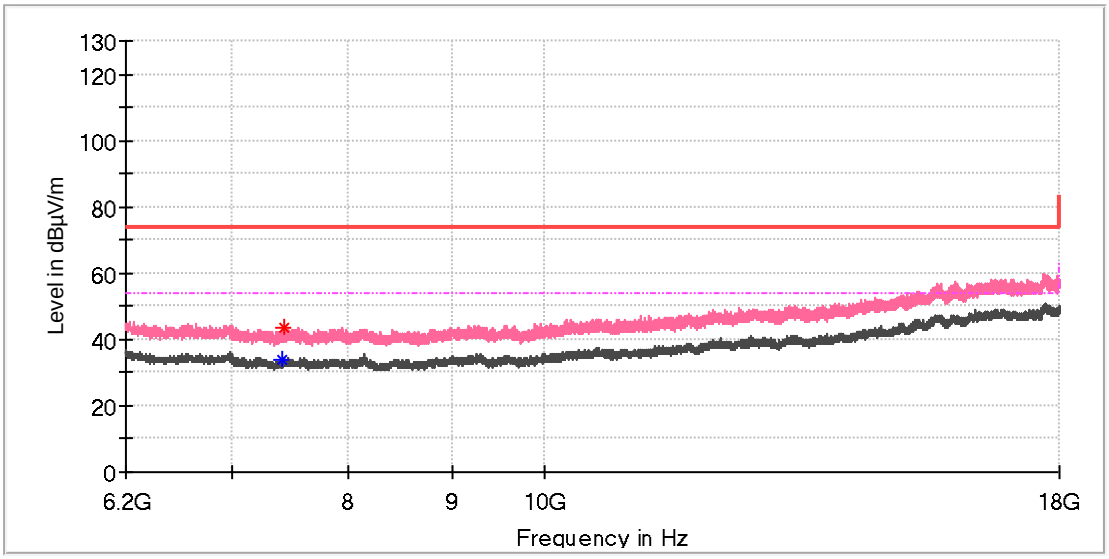
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7385.408333	---	33.93	54.00	20.07	150.0	H	327.0	8.2
7406.058333	43.36	---	74.00	30.64	150.0	H	0.0	8.3

Final_Result

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

EUT Information

EUT Name:	PAWBBY Smart Selfcleaning Cat Litter Box
Model:	MG-CLB001-US
Test Mode:	WIFI 2.4G_11b_Ch11
Order No/Sample No:	168416067/A003427359-001
Test Voltage::	120V/60Hz
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

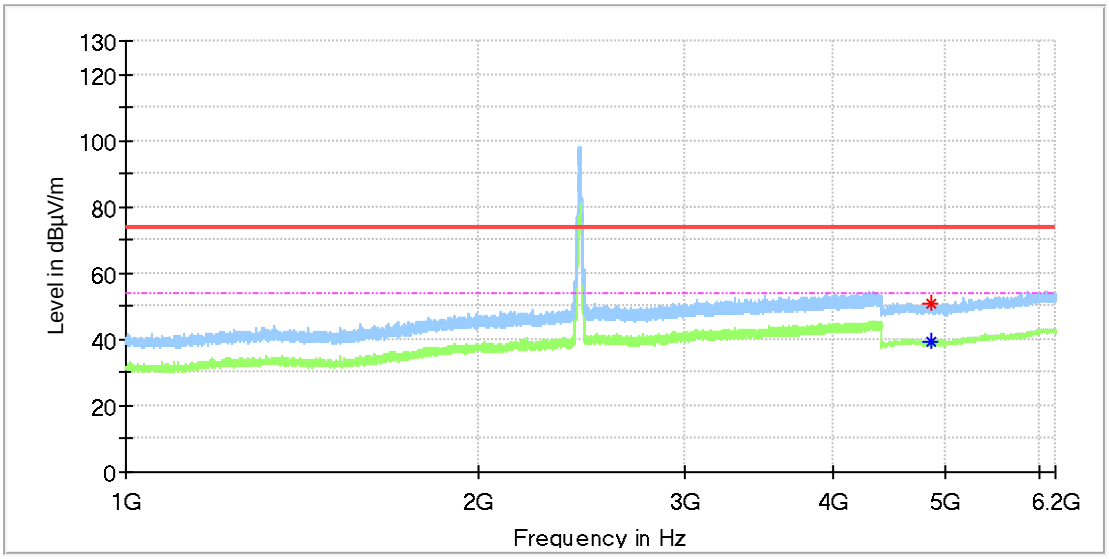
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7410.975000	---	33.90	54.00	20.10	150.0	V	0.0	8.3
7420.316667	43.36	---	74.00	30.64	150.0	V	0.0	8.4

Final_Result

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

EUT Information

EUT Name:	PAWBBY Smart Selfcleaning Cat Litter Box
Model:	MG-CLB001-US
Test Mode:	WIFI 2.4G_11g_Ch6
Order No/Sample No:	168416067/A003427359-001
Test Voltage::	120V/60Hz
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

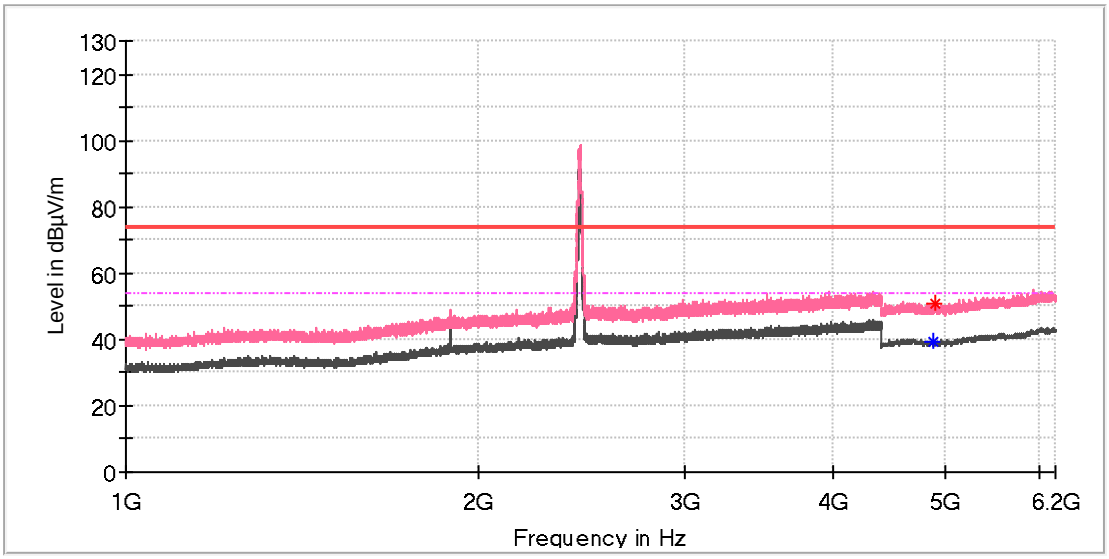
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4857.500000	50.77	---	74.00	23.23	150.0	H	67.0	11.8
4865.500000	---	39.46	54.00	14.54	150.0	H	206.0	11.8

Final_Result

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

EUT Information

EUT Name:	PAWBBY Smart Selfcleaning Cat Litter Box
Model:	MG-CLB001-US
Test Mode:	WIFI 2.4G_11g_Ch6
Order No/Sample No:	168416067/A003427359-001
Test Voltage::	120V/60Hz
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

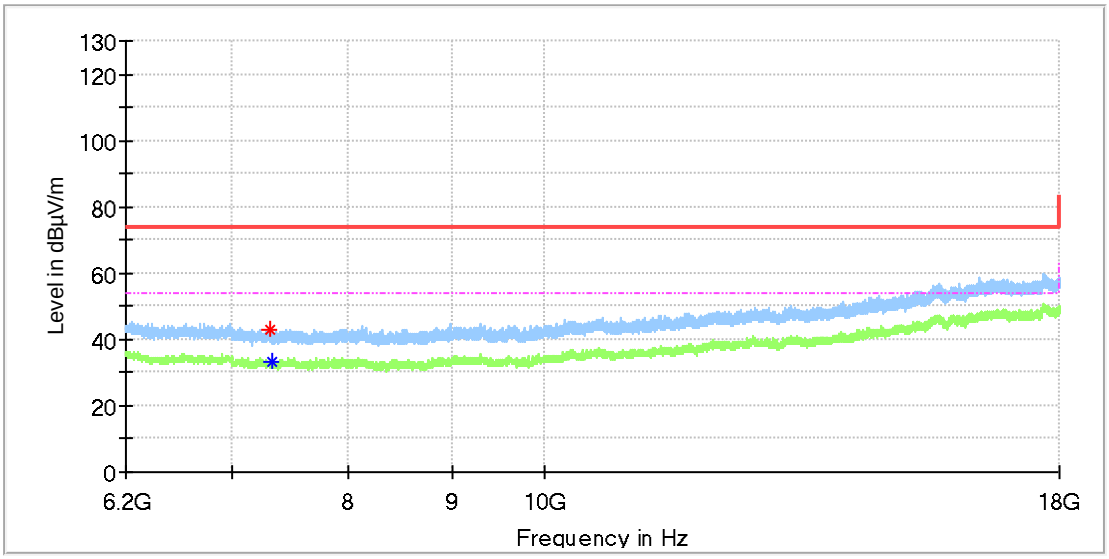
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4871.500000	---	39.36	54.00	14.64	150.0	V	0.0	11.8
4901.500000	50.97	---	74.00	23.03	150.0	V	34.0	11.8

Final_Result

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

EUT Information

EUT Name:	PAWBBY Smart Selfcleaning Cat Litter Box
Model:	MG-CLB001-US
Test Mode:	WIFI 2.4G_11g_Ch6
Order No/Sample No:	168416067/A003427359-001
Test Voltage::	120V/60Hz
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

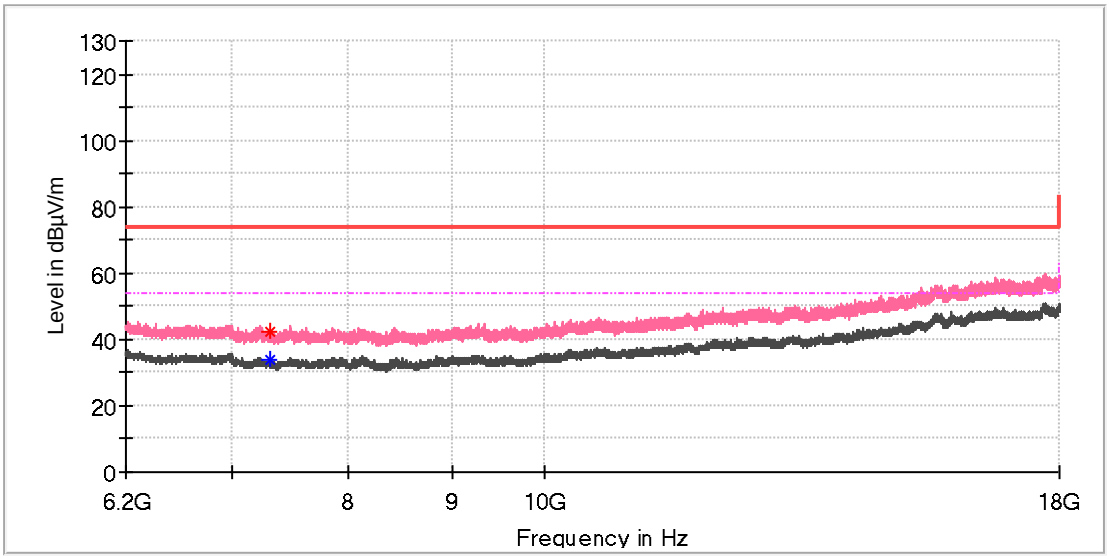
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7313.133333	42.82	---	74.00	31.18	150.0	H	350.0	8.2
7327.391667	---	33.12	54.00	20.88	150.0	H	339.0	8.1

Final_Result

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

EUT Information

EUT Name:	PAWBBY Smart Selfcleaning Cat Litter Box
Model:	MG-CLB001-US
Test Mode:	WIFI 2.4G_11g_Ch6
Order No/Sample No:	168416067/A003427359-001
Test Voltage::	120V/60Hz
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

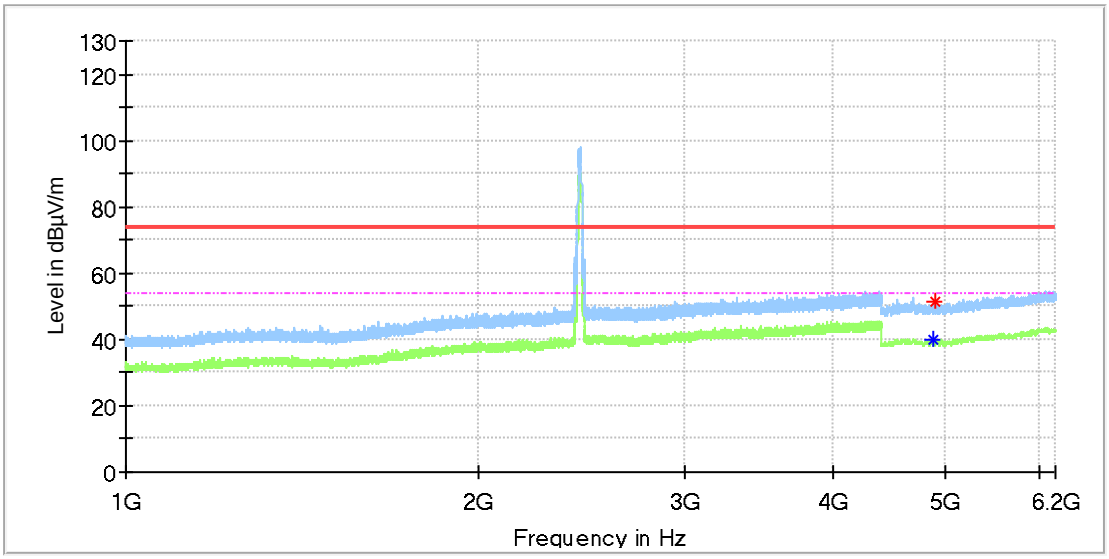
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7307.233333	42.24	---	74.00	31.76	150.0	V	339.0	8.3
7307.725000	---	33.95	54.00	20.05	150.0	V	50.0	8.3

Final_Result

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

EUT Information

EUT Name:	PAWBBY Smart Selfcleaning Cat Litter Box
Model:	MG-CLB001-US
Test Mode:	WIFI 2.4G_11n20_Ch6
Order No/Sample No:	168416067/A003427359-001
Test Voltage::	120V/60Hz
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

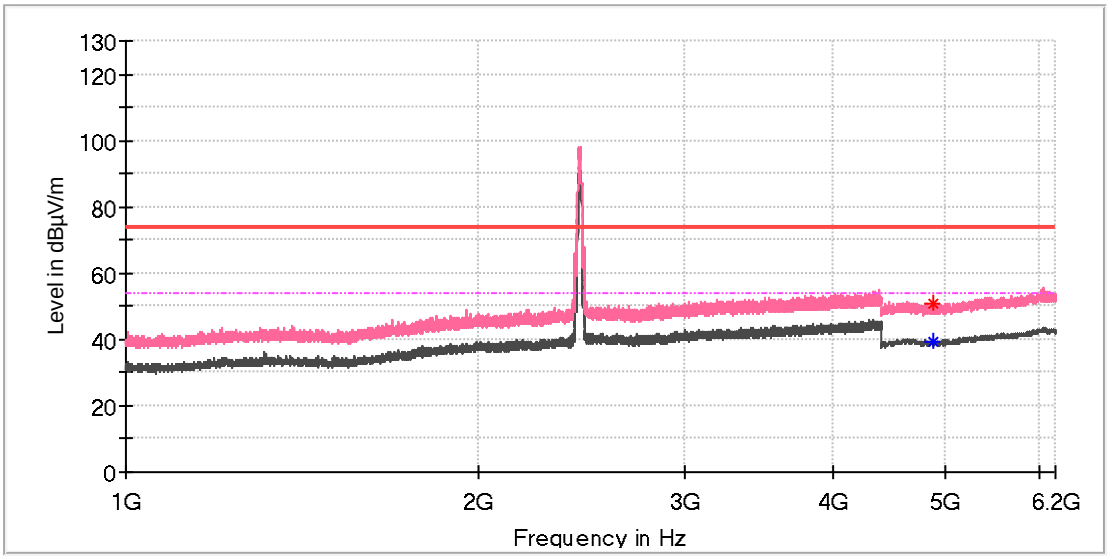
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4869.500000	---	39.62	54.00	14.38	150.0	H	135.0	11.8
4895.000000	51.35	---	74.00	22.65	150.0	H	8.0	11.8

Final_Result

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

EUT Information

EUT Name:	PAWBBY Smart Selfcleaning Cat Litter Box
Model:	MG-CLB001-US
Test Mode:	WIFI 2.4G_11n20_Ch6
Order No/Sample No:	168416067/A003427359-001
Test Voltage::	120V/60Hz
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

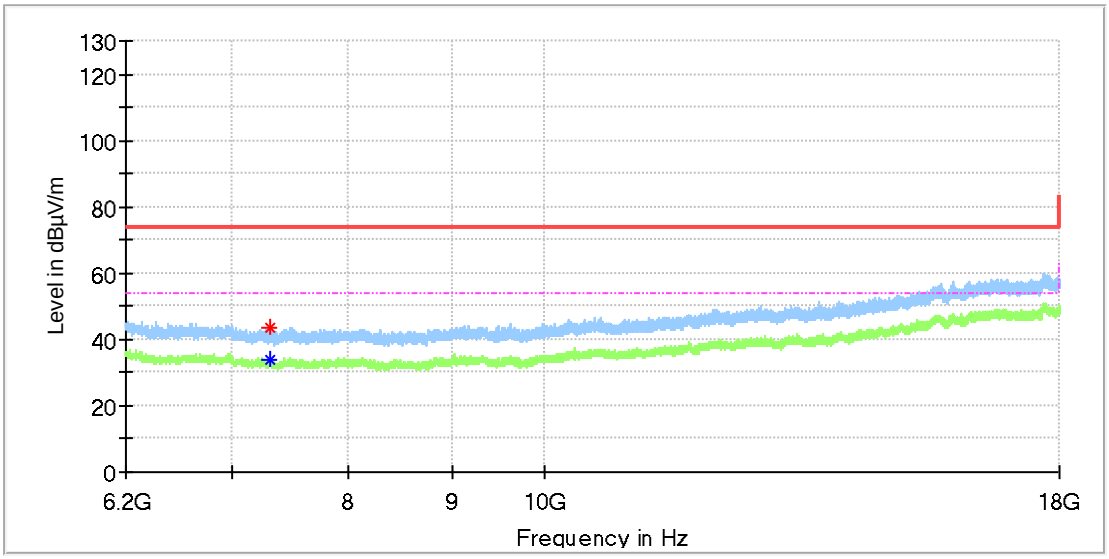
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4869.500000	50.73	---	74.00	23.27	150.0	V	114.0	11.8
4871.500000	---	39.59	54.00	14.41	150.0	V	2.0	11.8

Final_Result

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

EUT Information

EUT Name:	PAWBBY Smart Selfcleaning Cat Litter Box
Model:	MG-CLB001-US
Test Mode:	WIFI 2.4G_11n20_Ch6
Order No/Sample No:	168416067/A003427359-001
Test Voltage::	120V/60Hz
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

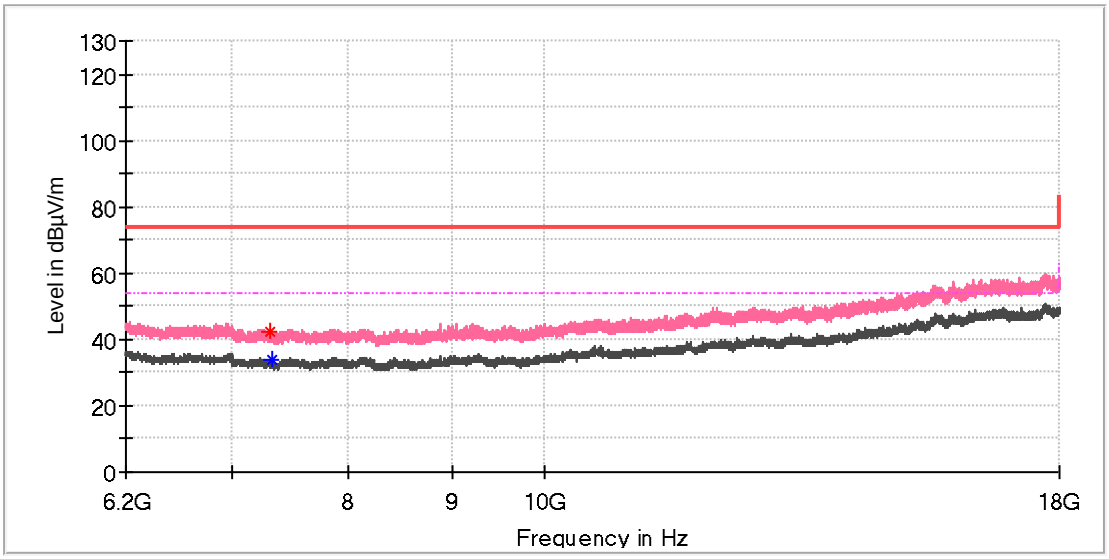
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7313.625000	43.57	---	74.00	30.43	150.0	H	295.0	8.2
7316.083333	---	33.87	54.00	20.13	150.0	H	307.0	8.2

Final_Result

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

EUT Information

EUT Name:	PAWBBY Smart Selfcleaning Cat Litter Box
Model:	MG-CLB001-US
Test Mode:	WIFI 2.4G_11n20_Ch6
Order No/Sample No:	168416067/A003427359-001
Test Voltage::	120V/60Hz
Remark:	Temp 22 Humi:55%
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)
7314.608333	42.12	---	74.00	31.88	150.0	V	47.0	8.2
7327.883333	---	33.76	54.00	20.24	150.0	V	131.0	8.1

Final_Result

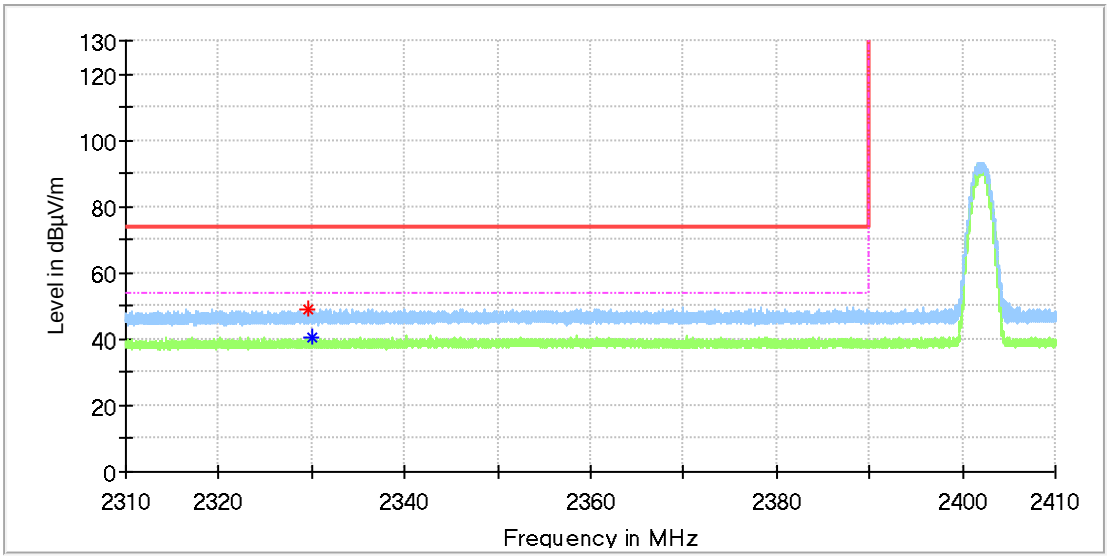
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

Appendix B.2: Test Results of Radiated Emissions in Restricted Bands

Restricted Bands of Bluetooth Low Energy

EUT Information

EUT Name:	PAWBBY Smart Selfcleaning Cat Litter Box
Model:	MG-CLB001-US
Test Mode:	BLE 1M_Low channel
Order No/Sample No:	168416067/A003427359-001
Test Voltage::	120V/60Hz
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

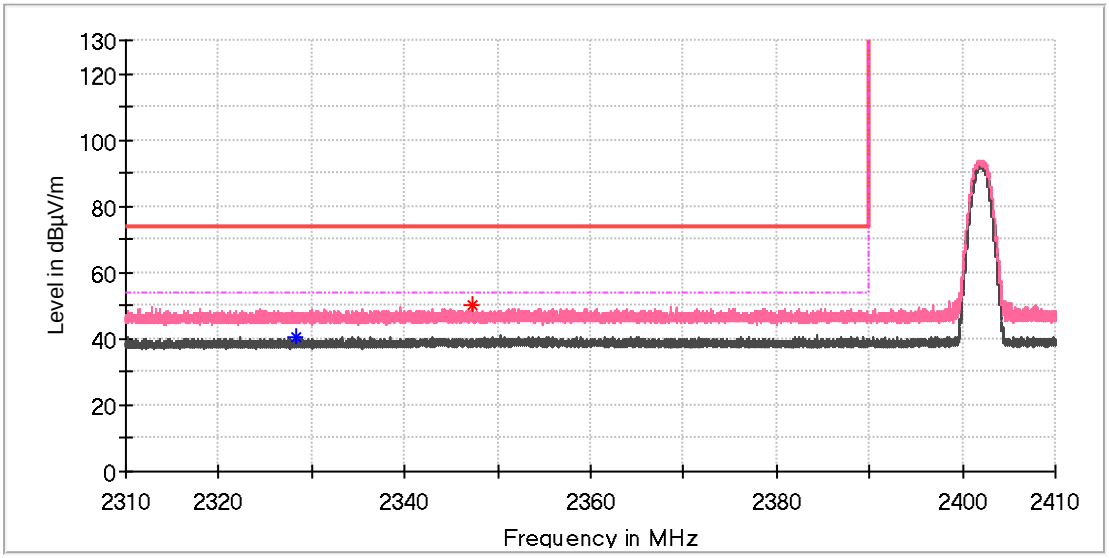
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2329.565000	48.83	---	74.00	25.17	150.0	H	0.0	6.7
2329.980000	---	40.49	54.00	13.51	150.0	H	346.0	6.7

Final_Result

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

EUT Information

EUT Name:	PAWBBY Smart Selfcleaning Cat Litter Box
Model:	MG-CLB001-US
Test Mode:	BLE 1M_Low channel
Order No/Sample No:	168416067/A003427359-001
Test Voltage::	120V/60Hz
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

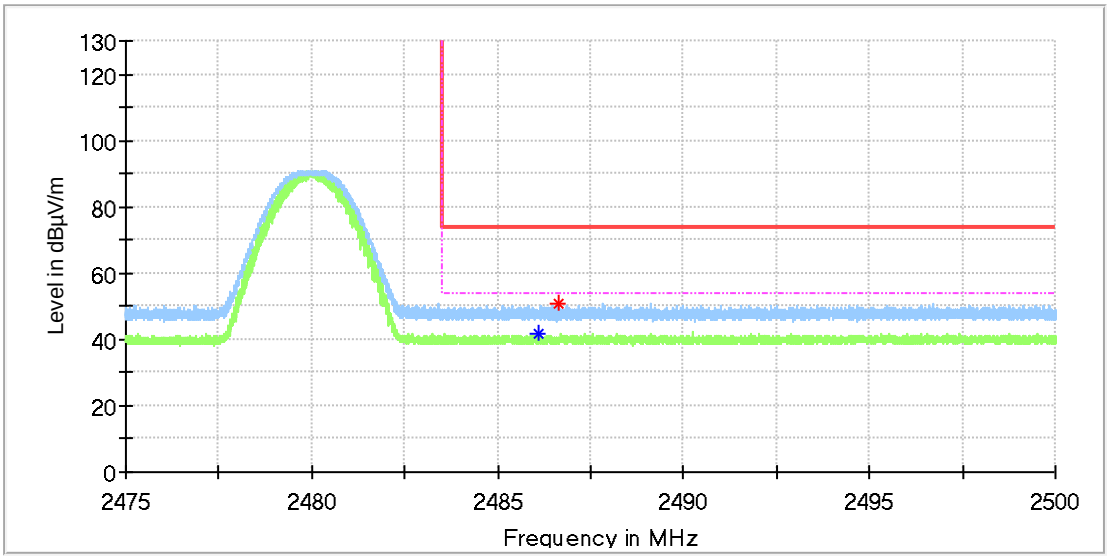
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2328.290000	---	40.44	54.00	13.56	150.0	V	150.0	6.7
2347.385000	50.26	---	74.00	23.74	150.0	V	357.0	6.9

Final_Result

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

EUT Information

EUT Name:	PAWBBY Smart Selfcleaning Cat Litter Box
Model:	MG-CLB001-US
Test Mode:	BLE 1M_High channel
Order No/Sample No:	168416067/A003427359-001
Test Voltage::	120V/60Hz
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

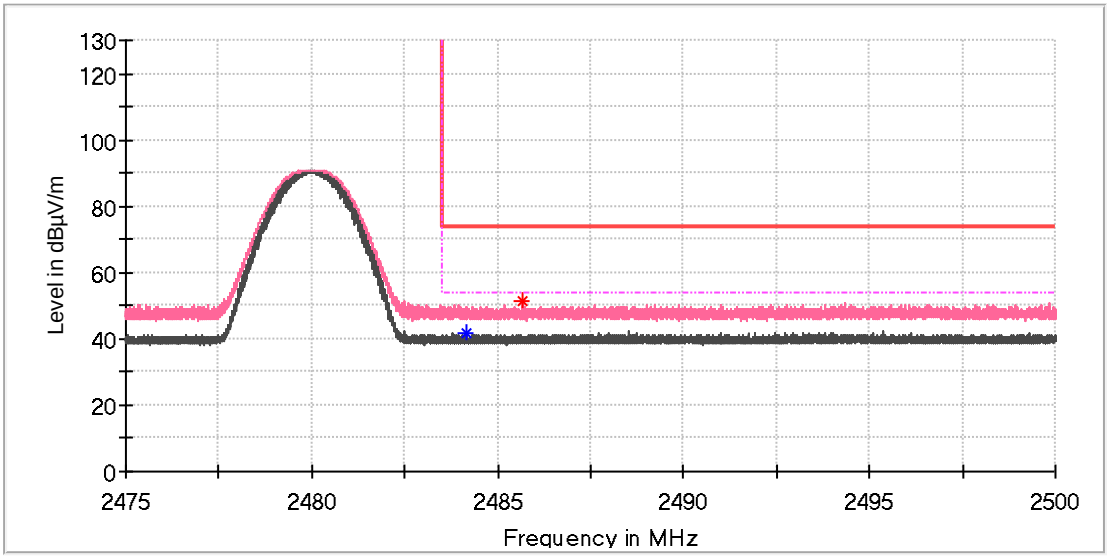
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2486.106250	---	41.57	54.00	12.43	150.0	H	50.0	7.4
2486.612500	50.57	---	74.00	23.43	150.0	H	301.0	7.4

Final_Result

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

EUT Information

EUT Name:	PAWBBY Smart Selfcleaning Cat Litter Box
Model:	MG-CLB001-US
Test Mode:	BLE 1M_High channel
Order No/Sample No:	168416067/A003427359-001
Test Voltage::	120V/60Hz
Remark:	Temp 22 Humi:55%
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)
2484.166250	---	41.72	54.00	12.28	150.0	V	14.0	7.4
2485.675000	51.28	---	74.00	22.72	150.0	V	51.0	7.4

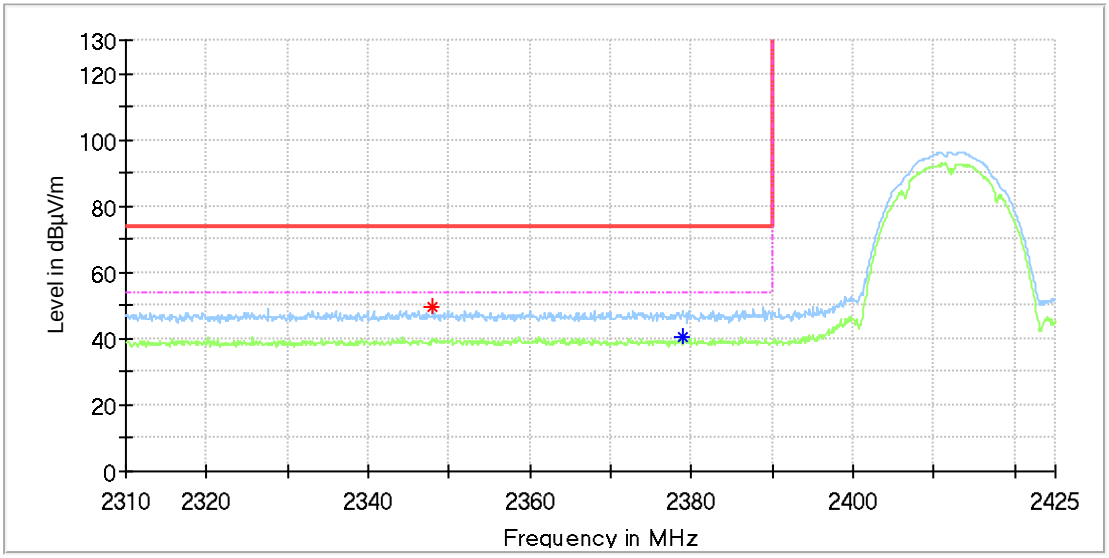
Final_Result

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

Restricted Bands of Wi-Fi 2.4G

EUT Information

EUT Name:	PAWBBY Smart Selfcleaning Cat Litter Box
Model:	MG-CLB001-US
Test Mode:	WIFI 2.4G_11b_Ch1
Order No/Sample No:	168416067/A003427359-001
Test Voltage::	120V/60Hz
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

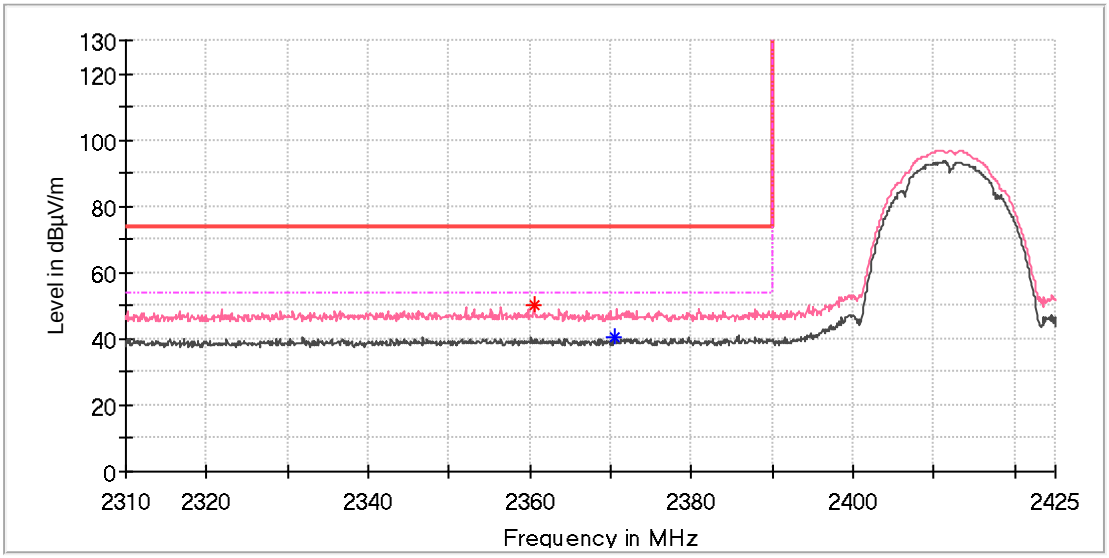
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2348.000000	49.55	---	74.00	24.45	150.0	H	251.0	6.9
2378.900000	---	40.75	54.00	13.25	150.0	H	62.0	7.0

Final_Result

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

EUT Information

EUT Name:	PAWBBY Smart Selfcleaning Cat Litter Box
Model:	MG-CLB001-US
Test Mode:	WIFI 2.4G_11b_Ch1
Order No/Sample No:	168416067/A003427359-001
Test Voltage::	120V/60Hz
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

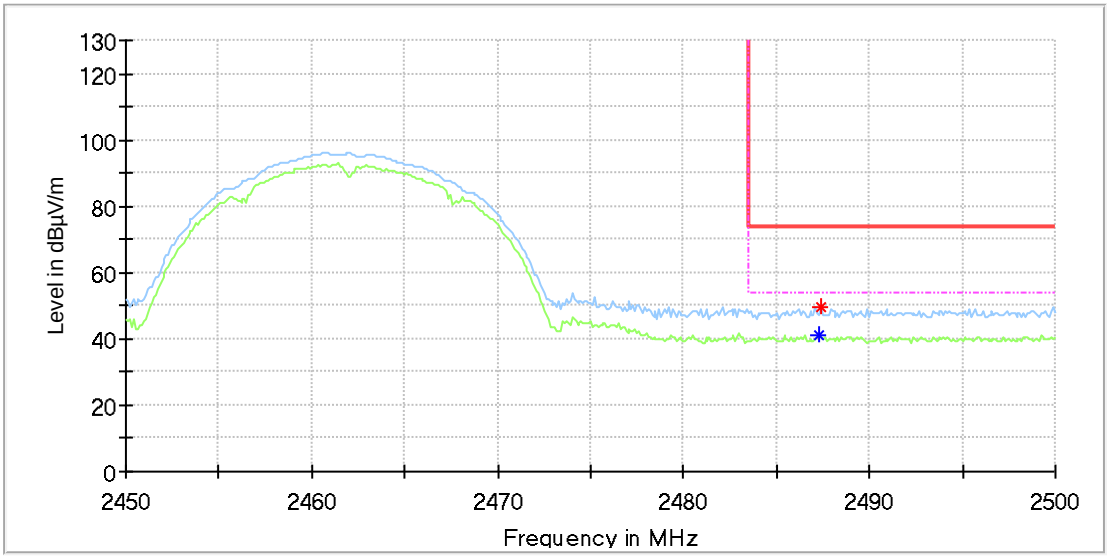
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2360.500000	50.33	---	74.00	23.67	150.0	V	188.0	6.9
2370.400000	---	40.54	54.00	13.46	150.0	V	0.0	6.9

Final_Result

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

EUT Information

EUT Name:	PAWBBY Smart Selfcleaning Cat Litter Box
Model:	MG-CLB001-US
Test Mode:	WIFI 2.4G_11b_Ch11
Order No/Sample No:	168416067/A003427359-001
Test Voltage::	120V/60Hz
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

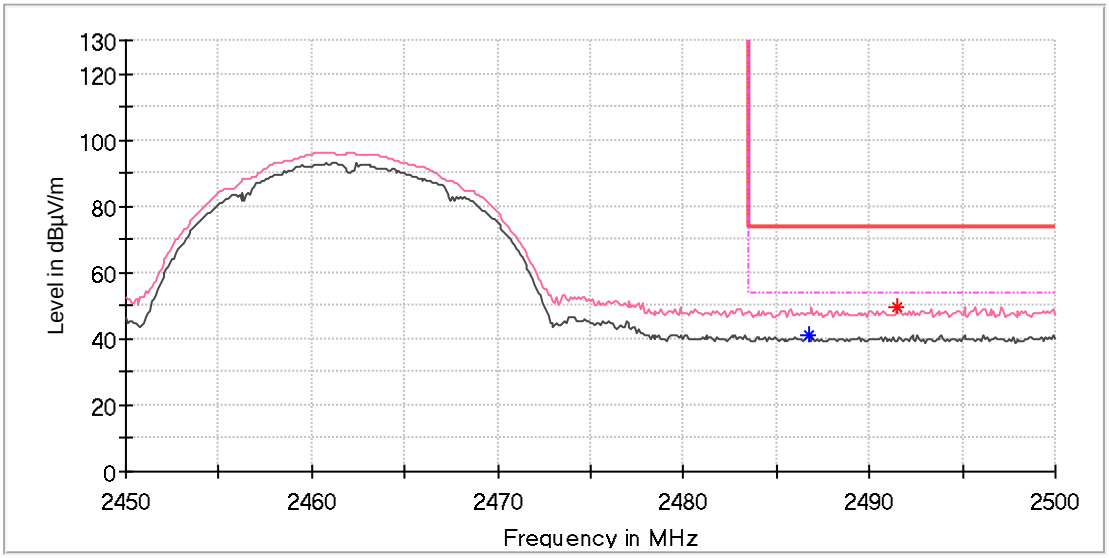
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2487.300000	---	41.00	54.00	13.00	150.0	H	248.0	7.4
2487.400000	49.53	---	74.00	24.47	150.0	H	238.0	7.4

Final_Result

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

EUT Information

EUT Name:	PAWBBY Smart Selfcleaning Cat Litter Box
Model:	MG-CLB001-US
Test Mode:	WIFI 2.4G_11b_Ch11
Order No/Sample No:	168416067/A003427359-001
Test Voltage::	120V/60Hz
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

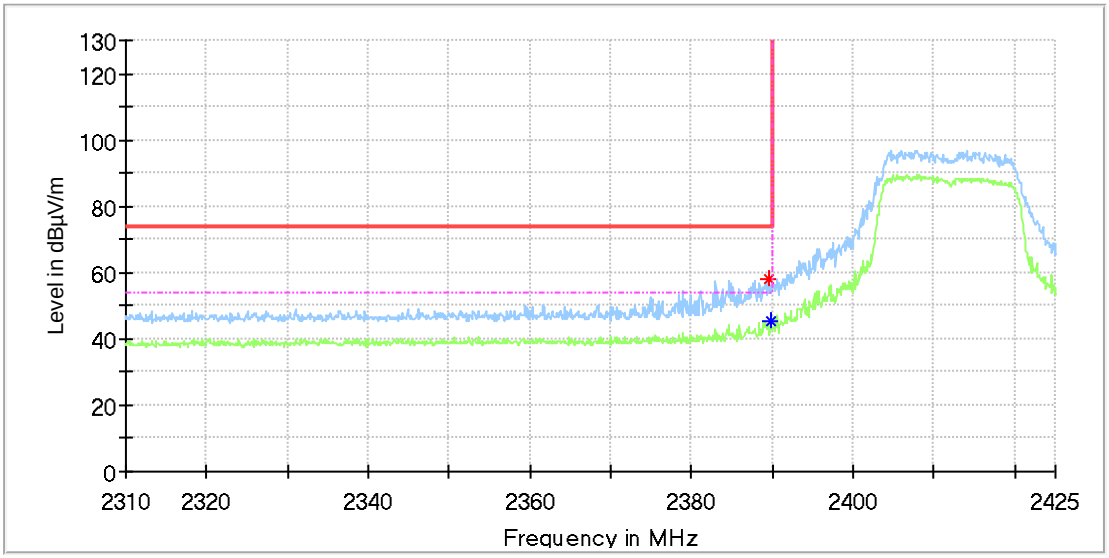
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2486.700000	---	41.15	54.00	12.85	150.0	V	272.0	7.4
2491.500000	49.74	---	74.00	24.26	150.0	V	0.0	7.4

Final_Result

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

EUT Information

EUT Name:	PAWBBY Smart Selfcleaning Cat Litter Box
Model:	MG-CLB001-US
Test Mode:	WIFI 2.4G_11g_Ch1
Order No/Sample No:	168416067/A003427359-001
Test Voltage::	120V/60Hz
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

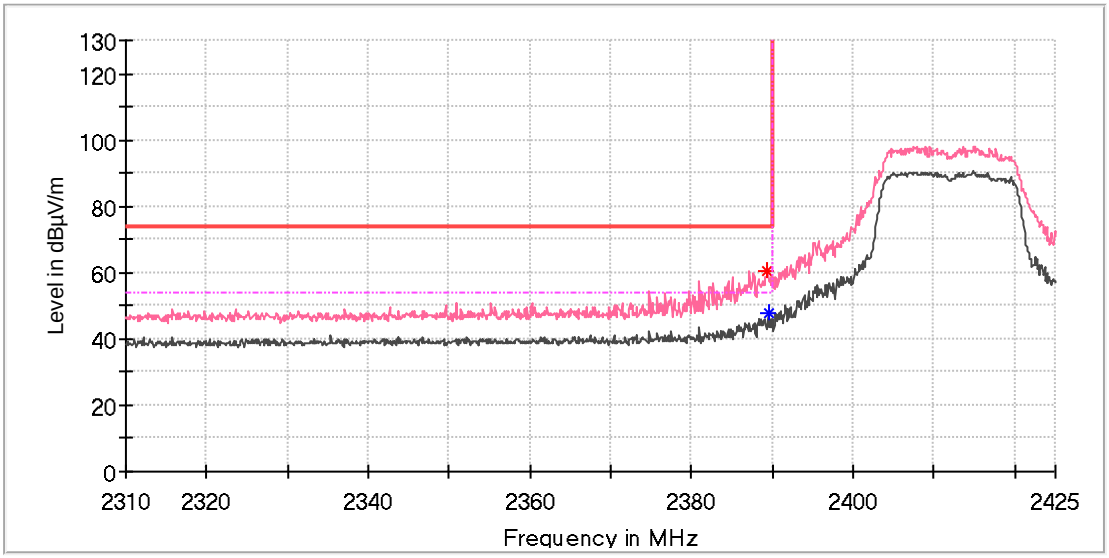
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2389.500000	58.17	---	74.00	15.83	150.0	H	111.0	7.0
2389.800000	---	45.63	54.00	8.37	150.0	H	225.0	7.0

Final_Result

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

EUT Information

EUT Name:	PAWBBY Smart Selfcleaning Cat Litter Box
Model:	MG-CLB001-US
Test Mode:	WIFI 2.4G_11g_Ch1
Order No/Sample No:	168416067/A003427359-001
Test Voltage::	120V/60Hz
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

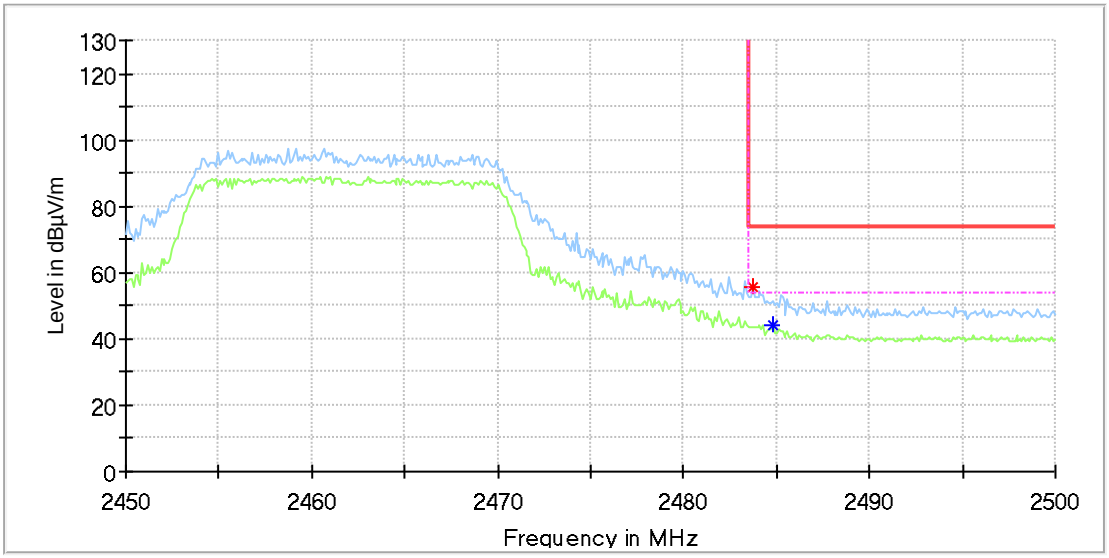
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2389.400000	60.62	---	74.00	13.38	150.0	V	259.0	7.0
2389.500000	---	47.77	54.00	6.23	150.0	V	0.0	7.0

Final_Result

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

EUT Information

EUT Name:	PAWBBY Smart Selfcleaning Cat Litter Box
Model:	MG-CLB001-US
Test Mode:	WIFI 2.4G_11g_Ch11
Order No/Sample No:	168416067/A003427359-001
Test Voltage::	120V/60Hz
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

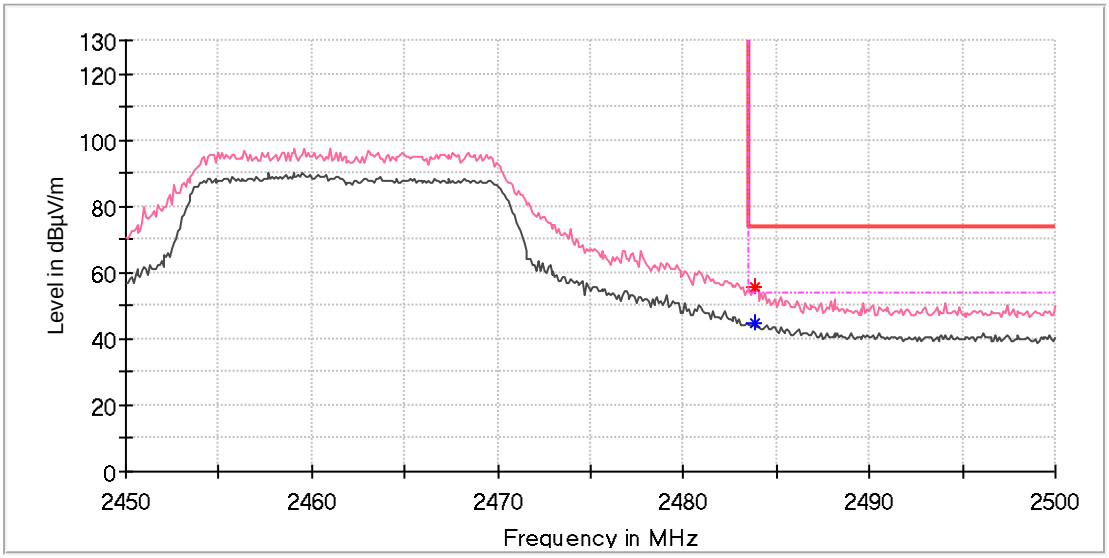
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.700000	55.83	---	74.00	18.17	150.0	H	122.0	7.4
2484.800000	---	43.99	54.00	10.01	150.0	H	114.0	7.4

Final_Result

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

EUT Information

EUT Name:	PAWBBY Smart Selfcleaning Cat Litter Box
Model:	MG-CLB001-US
Test Mode:	WIFI 2.4G_11g_Ch11
Order No/Sample No:	168416067/A003427359-001
Test Voltage::	120V/60Hz
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

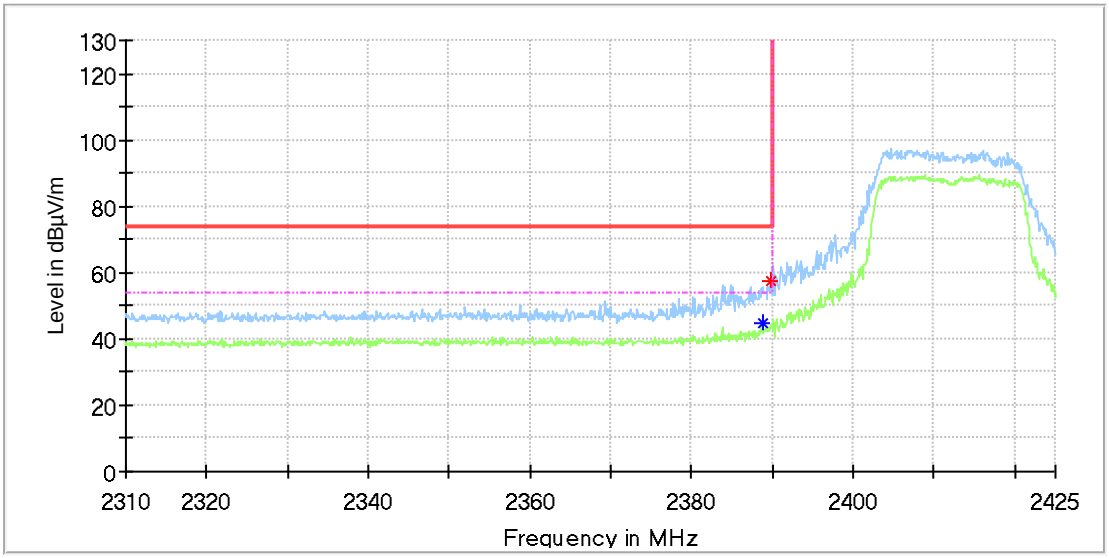
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.800000	---	44.49	54.00	9.51	150.0	V	2.0	7.4
2483.800000	55.88	---	74.00	18.12	150.0	V	2.0	7.4

Final_Result

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

EUT Information

EUT Name:	PAWBBY Smart Selfcleaning Cat Litter Box
Model:	MG-CLB001-US
Test Mode:	WIFI 2.4G_11n20_Ch1
Order No/Sample No:	168416067/A003427359-001
Test Voltage::	120V/60Hz
Remark:	Temp 22 Humi:55%
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)
2388.700000	---	44.58	54.00	9.42	150.0	H	103.0	7.0
2389.700000	57.46	---	74.00	16.54	150.0	H	262.0	7.0

Final_Result

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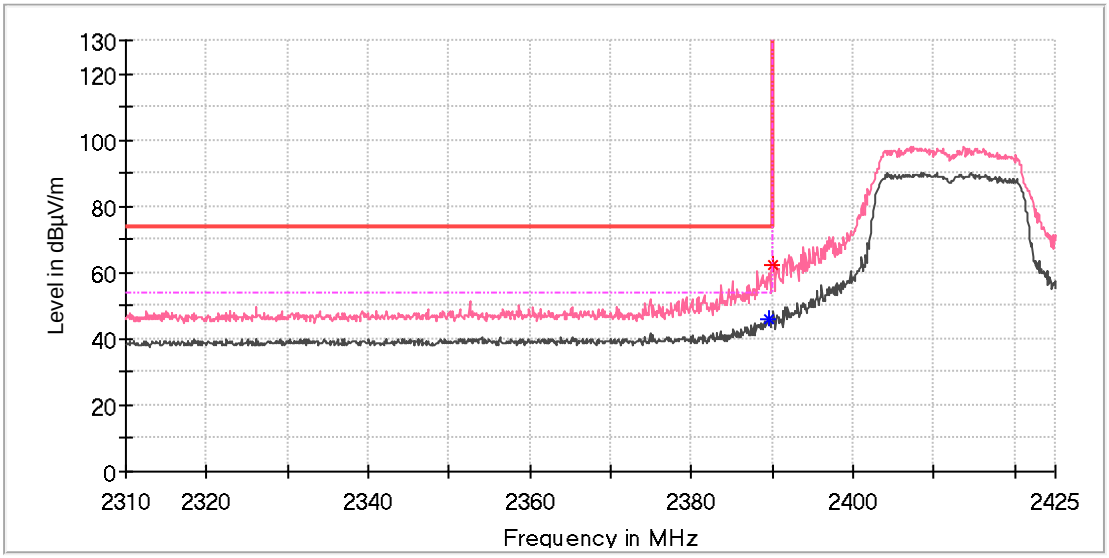
EUT Information

EUT Name:	PAWBBY Smart Selfcleaning Cat Litter Box
Model:	MG-CLB001-US
Test Mode:	WIFI 2.4G_11n20_Ch1
Order No/Sample No:	168416067/A003427359-001
Test Voltage::	120V/60Hz
Remark:	Temp 22 Humi:55%
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)
2389.500000	---	46.17	54.00	7.83	150.0	V	82.0	7.0
2390.000000	62.32	---	74.00	11.68	150.0	V	9.0	7.0

Final_Result

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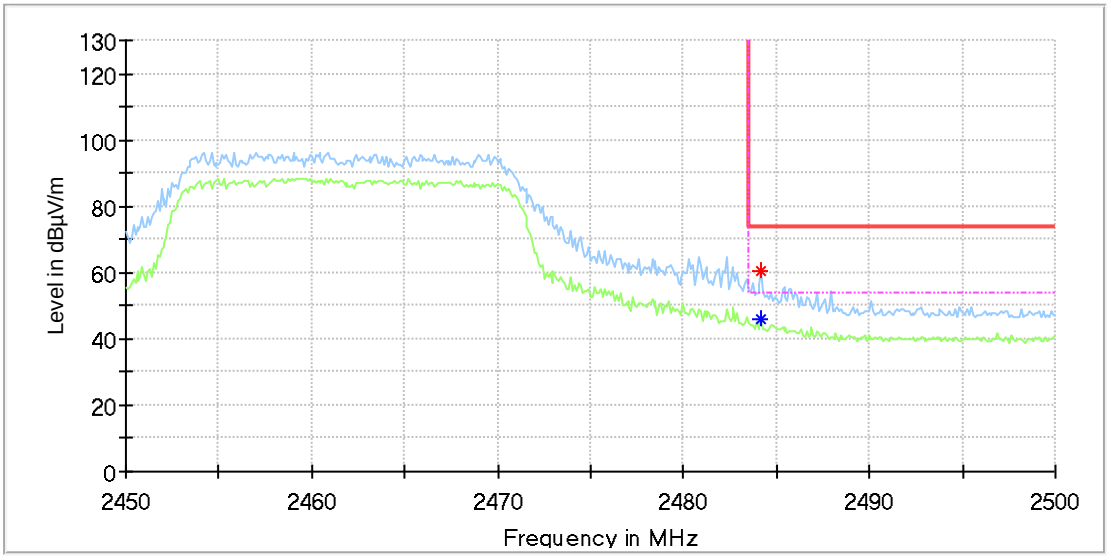
EUT Information

EUT Name:	PAWBBY Smart Selfcleaning Cat Litter Box
Model:	MG-CLB001-US
Test Mode:	WIFI 2.4G_11n20_Ch11
Order No/Sample No:	168416067/A003427359-001
Test Voltage::	120V/60Hz
Remark:	Temp 22 Humi:55%
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)
2484.200000	---	45.73	54.00	8.27	150.0	H	119.0	7.4
2484.200000	60.57	---	74.00	13.43	150.0	H	119.0	7.4

Final_Result

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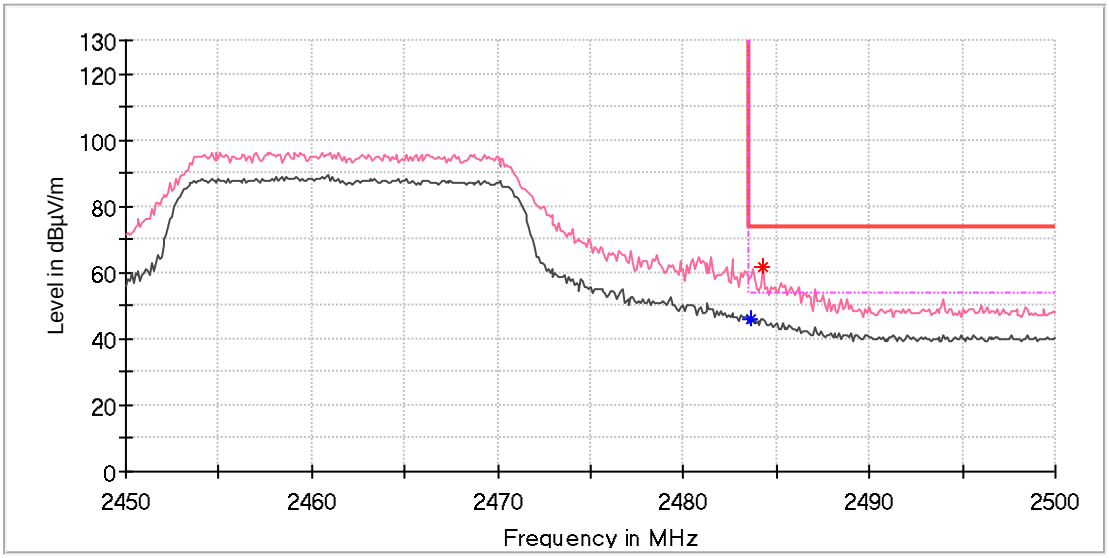
EUT Information

EUT Name:	PAWBBY Smart Selfcleaning Cat Litter Box
Model:	MG-CLB001-US
Test Mode:	WIFI 2.4G_11n20_Ch11
Order No/Sample No:	168416067/A003427359-001
Test Voltage::	120V/60Hz
Remark:	Temp 22 Humi:55%
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)
2483.600000	---	46.25	54.00	7.75	150.0	V	0.0	7.4
2484.300000	61.95	---	74.00	12.05	150.0	V	0.0	7.4

Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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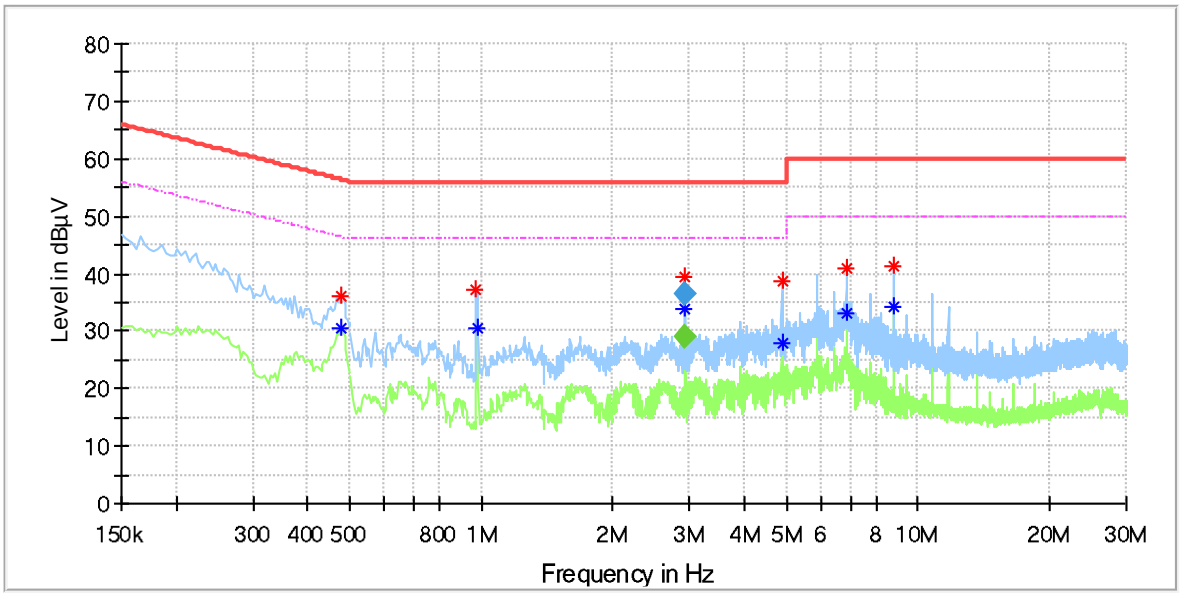
Appendix B.3: Test Results of Conducted Emission

EUT Information

EUT Name:	PAWBBY Smart Self-cleaning Cat Litter Box
Order No	168416067 30
Model:	MG-CLB001-US
Test Mode:	Empty cat litter + WiFi
Test Voltage:	AC 120V/60Hz
Test By:/Review By:	Kevin Zhou/Gary Chen
Standard:	FCC Part 15B
Tem./Hum./Pressure:	23.0°C/50.8%/101kPa
Remark:	SR1



Critical_Freqs

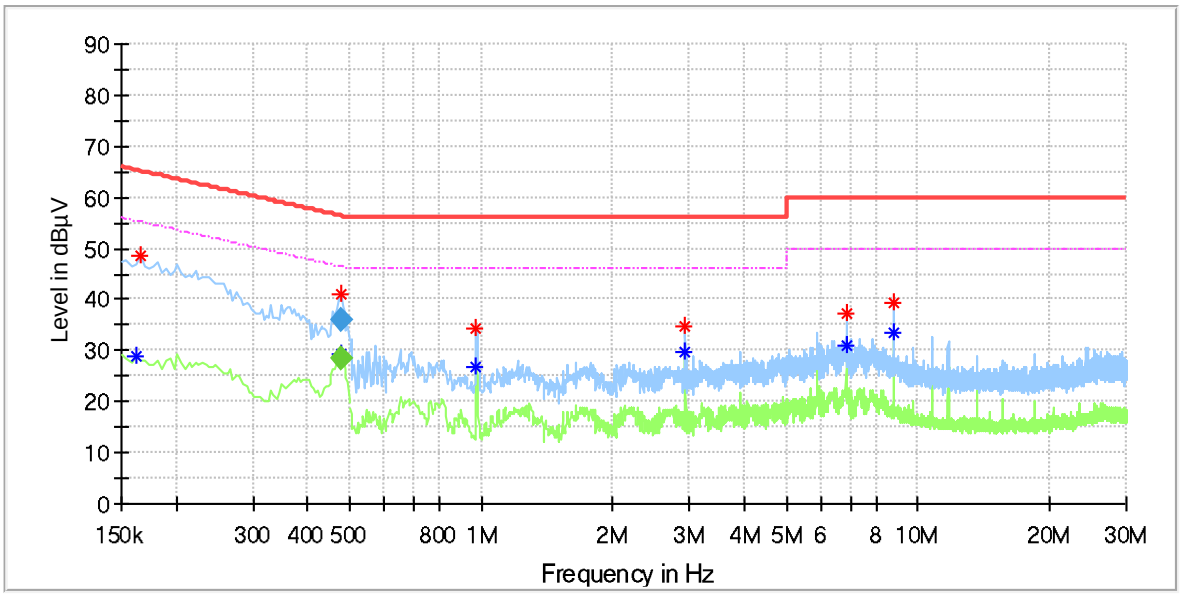
Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.478000	---	30.41	46.37	15.96	L1	10.0
0.478000	35.97	---	56.37	20.40	L1	10.0
0.976000	37.31	---	56.00	18.69	L1	9.8
0.980000	---	30.56	46.00	15.44	L1	9.8
2.930500	39.47	---	56.00	16.53	L1	10.1
2.930500	---	33.74	46.00	12.26	L1	10.1
4.880000	---	27.81	46.00	18.19	L1	10.2
4.880000	38.53	---	56.00	17.47	L1	10.2
6.840000	40.79	---	60.00	19.21	L1	10.1
6.840000	---	33.03	50.00	16.97	L1	10.1
8.796000	41.40	---	60.00	18.60	L1	10.1
8.796000	---	34.28	50.00	15.72	L1	10.1

Final_Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
2.930500	---	28.96	46.00	17.04	1000.0	9.000	L1	10.1
2.930500	36.63	---	56.00	19.37	1000.0	9.000	L1	10.1

EUT Information

EUT Name:	PAWBBY Smart Self-cleaning Cat Litter Box
Order No	168416067 30
Model:	MG-CLB001-US
Test Mode:	Empty cat litter+ WiFi
Test Voltage:	AC 120V/60Hz
Test By:/Review By:	Kevin Zhou/Gary Chen
Standard:	FCC Part 15B
Tem./Hum./Pressure:	23.0°C/50.8%/101kPa
Remark:	SR1

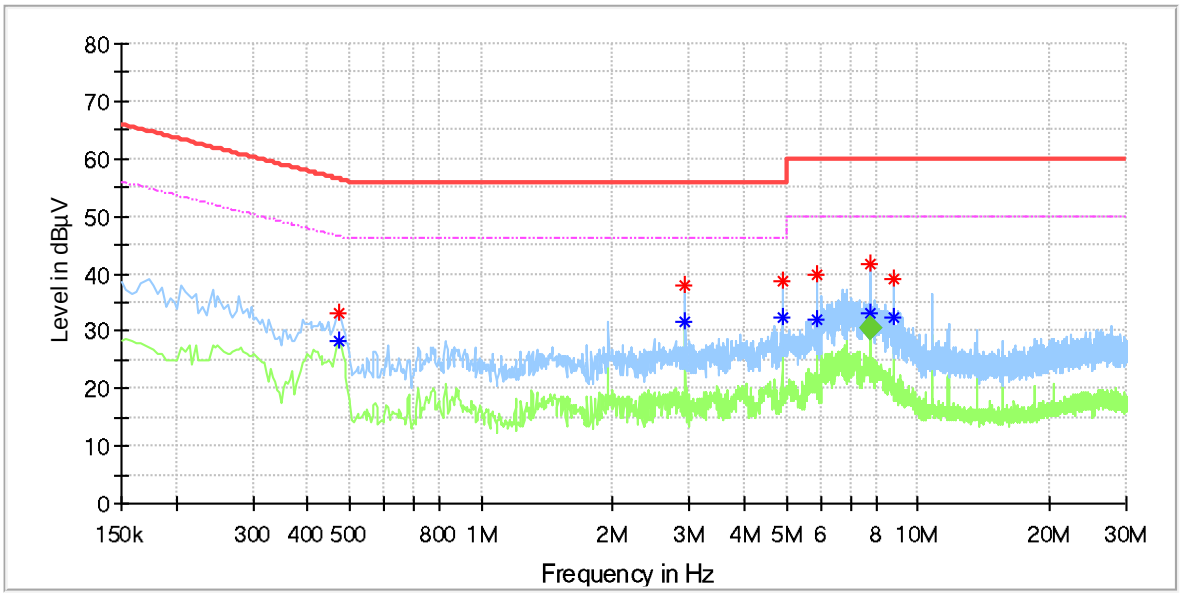


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.162000	---	28.69	55.36	26.67	N	9.8
0.166000	48.40	---	65.16	16.76	N	9.8
0.476500	40.96	---	56.37	15.41	N	9.8
0.476500	---	29.21	46.44	17.24	N	9.8
0.976000	34.37	---	56.00	21.63	N	9.7
0.976000	---	26.64	46.00	19.36	N	9.7
2.932000	34.89	---	56.00	21.11	N	10.1
2.932000	---	29.89	46.00	16.11	N	10.1
6.840000	---	30.94	50.00	19.06	N	10.1
6.844000	37.31	---	60.00	22.69	N	10.1
8.792000	---	33.69	50.00	16.31	N	10.2
8.796000	39.43	---	60.00	20.57	N	10.2

EUT Information

EUT Name:	PAWBBY Smart Self-cleaning Cat Litter Box
Order No	168416067 30
Model:	MG-CLB001-US
Test Mode:	Empty cat litter+BT
Test Voltage:	AC 120V/60Hz
Test By:/Review By:	Kevin Zhou/Gary Chen
Standard:	FCC Part 15B
Tem./Hum./Pressure:	23.0°C/50.8%/101kPa
Remark:	SR1



Critical_Freqs

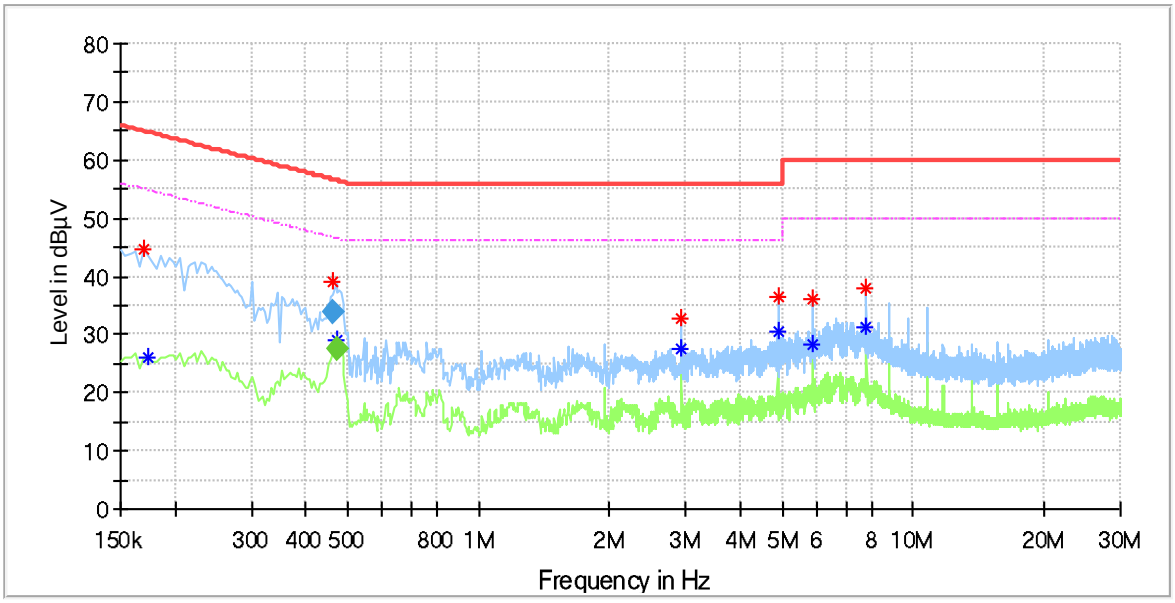
Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.474000	---	28.36	46.44	18.08	L1	10.0
0.474000	33.17	---	56.44	23.27	L1	10.0
2.932000	37.97	---	56.00	18.03	L1	10.1
2.932000	---	31.62	46.00	14.38	L1	10.1
4.884000	38.66	---	56.00	17.34	L1	10.2
4.884000	---	32.34	46.00	13.66	L1	10.2
5.864000	39.87	---	60.00	20.13	L1	10.1
5.864000	---	31.89	50.00	18.11	L1	10.1
7.806500	41.65	---	60.00	18.35	L1	10.1
7.818500	---	32.97	50.00	17.03	L1	10.1
8.796000	---	32.31	50.00	17.69	L1	10.1
8.800000	39.10	---	60.00	20.90	L1	10.1

Final_Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
7.806500	30.49	---	60.00	29.51	1000.0	9.000	L1	10.1
7.818500	---	30.40	50.00	19.60	1000.0	9.000	L1	10.1

EUT Information

EUT Name:	PAWBBY Smart Self-cleaning Cat Litter Box
Order No	168416067 30
Model:	MG-CLB001-US
Test Mode:	Empty cat litter+BT
Test Voltage:	AC 120V/60Hz
Test By:/Review By:	Kevin Zhou/Gary Chen
Standard:	FCC Part 15B
Tem./Hum./Pressure:	23.0°C/50.8%/101kPa
Remark:	SR1



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.170000	44.57	---	64.96	20.39	N	9.8
0.174000	---	26.12	54.77	28.64	N	9.7
0.464500	39.23	---	56.51	17.28	N	9.8
0.472500	---	28.90	46.51	17.61	N	9.8
2.932000	32.87	---	56.00	23.13	N	10.1
2.932000	---	27.36	46.00	18.64	N	10.1
4.884000	36.40	---	56.00	19.60	N	10.2
4.884000	---	30.61	46.00	15.39	N	10.2
5.864000	36.02	---	60.00	23.98	N	10.1
5.864000	---	28.36	50.00	21.64	N	10.1
7.816000	37.85	---	60.00	22.15	N	10.1
7.816000	---	31.08	50.00	18.92	N	10.1

Final_Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.464500	34.01	---	56.61	22.61	1000.0	9.000	N	9.8
0.472500	---	27.63	46.47	18.84	1000.0	9.000	N	9.8