

Appendix C: Test results of EMC (08 version)

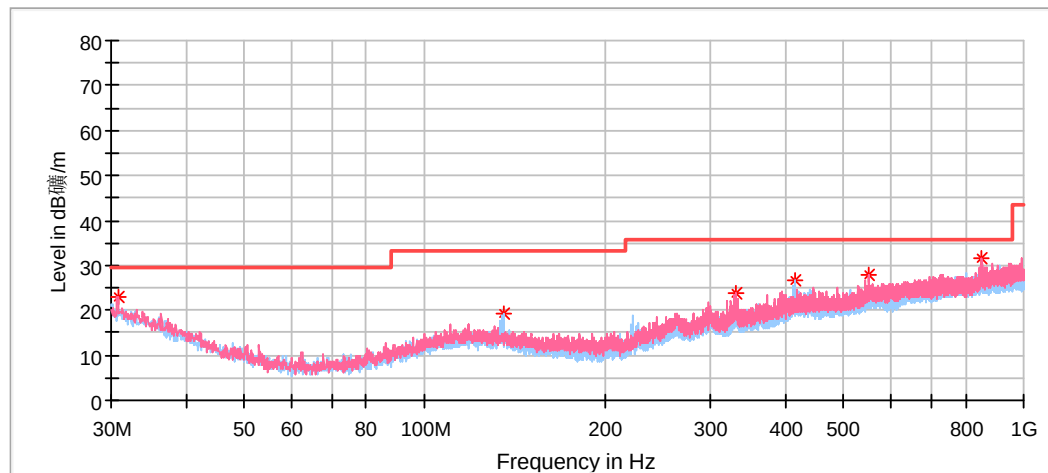
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Appendix C.1: Test Plots of Radiated Emission, Below 1GHz

BT+NB+Normal Operating+LED on

EUT Information

EUT Name:	AMAZON LOCKER
Order Number:	168329635 40
Model:	ZL-ODIN-V1
Test Mode:	BT+NB-IOT+Normal Operating+LED on
Test Voltage:	AC 120V/60Hz
Test By:	Charlie Zha
Review By:	Gary Chen
Remark:	10m Chamber (FCC 15B)

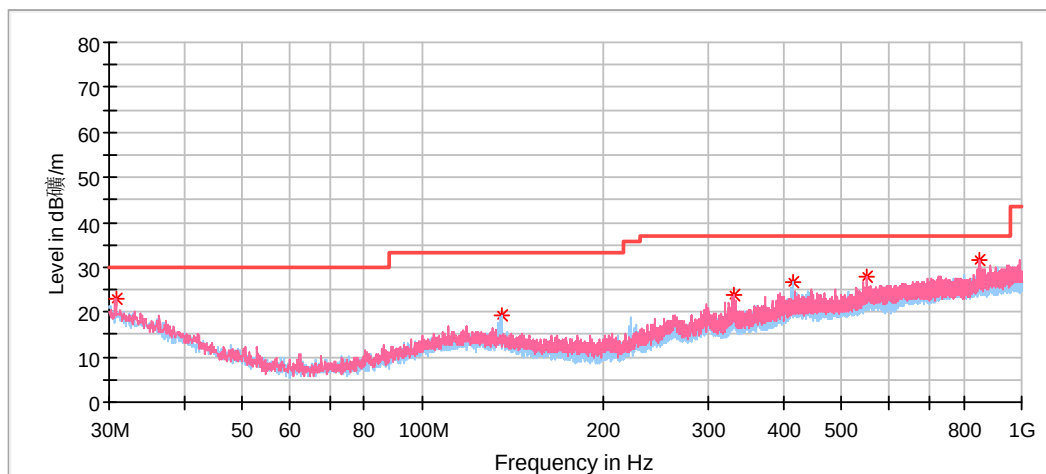


Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
30.754444	23.03	29.50	6.47	300.0	V	191.0	-4.9
135.191111	19.08	33.10	14.02	200.0	H	182.0	-16.1
330.807778	23.86	35.60	11.74	300.0	V	218.0	-7.4
415.090000	26.47	35.60	9.13	100.0	H	167.0	-10.2
551.967778	27.77	35.60	7.83	100.0	V	328.0	-1.3
852.560000	31.60	35.60	4.00	100.0	V	89.0	1.4

EUT Information

EUT Name: AMAZON LOCKER
Order Number: 168329635 40
Model: ZL-ODIN-V1
Test Mode: BT+NB-IOT +Normal Operating+LED on
Test Voltage: AC 120V/60Hz
Test By: Charlie Zha
Review By: Gary Chen
Remark: 10m Chamber (ICES-003)



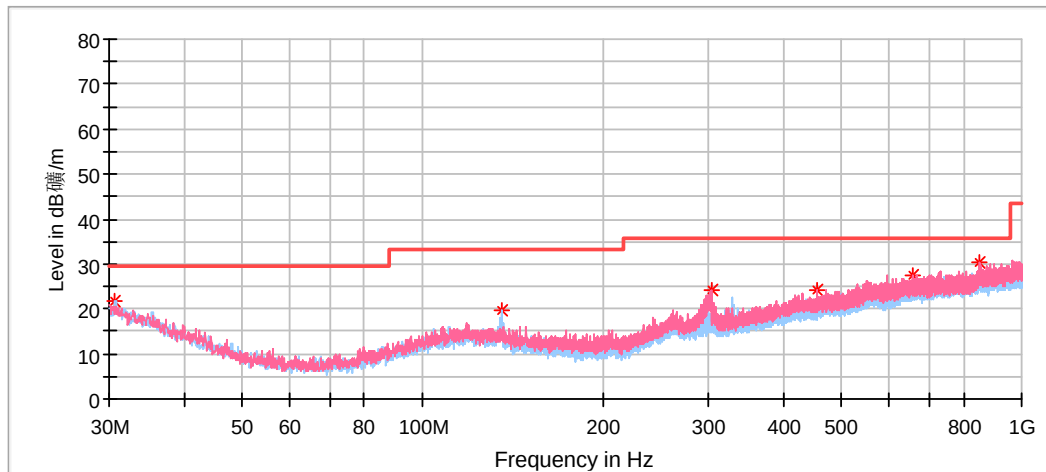
Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
30.754444	23.03	30.00	6.97	300.0	V	191.0	-4.9
135.191111	19.08	33.10	14.02	200.0	H	182.0	-16.1
330.807778	23.86	37.00	13.14	300.0	V	218.0	-7.4
415.090000	26.47	37.00	10.53	100.0	H	167.0	-10.2
551.967778	27.77	37.00	9.23	100.0	V	328.0	-1.3
852.560000	31.60	37.00	5.40	100.0	V	89.0	1.4

BT+GPRS+Normal Operating+LED on

EUT Information

EUT Name:	AMAZON LOCKER
Order Number:	168329635 40
Model:	ZL-ODIN-V1
Test Mode:	BT+GPRS link+Normal Operating+LED on
Test Voltage:	AC 120V/60Hz
Test By:	Charlie Zha
Review By:	Gary Chen
Remark:	10m Chamber (FCC 15B)

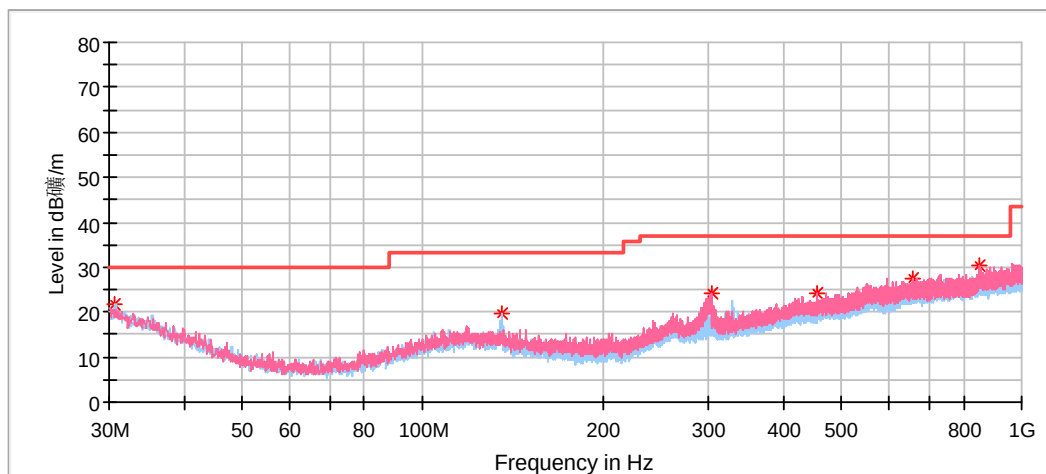


Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
30.700556	21.76	29.50	7.74	300.0	H	161.0	-10.0
135.406667	19.80	33.10	13.30	200.0	H	156.0	-16.2
303.162778	24.20	35.60	11.40	300.0	V	199.0	-8.0
456.045556	24.30	35.60	11.30	300.0	V	297.0	-3.8
657.590000	27.69	35.60	7.91	100.0	V	260.0	-0.4
852.613889	30.53	35.60	5.07	100.0	V	77.0	1.4

EUT Information

EUT Name: AMAZON LOCKER
Order Number: 168329635 40
Model: ZL-ODIN-V1
Test Mode: BT+GPRS link+Normal Operating+LED on
Test Voltage: AC 120V/60Hz
Test By: Charlie Zha
Review By: Gary Chen
Remark: 10m Chamber (ICES-003)



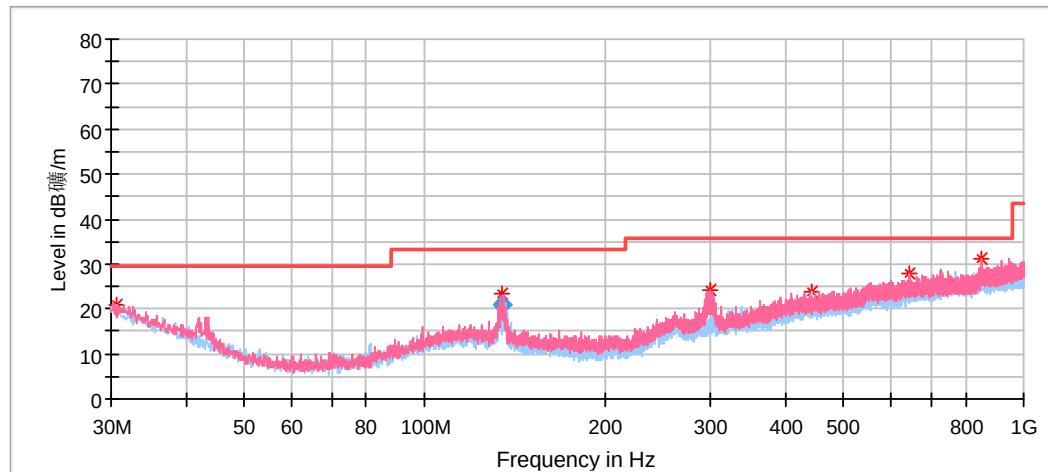
Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
30.700556	21.76	30.00	8.24	300.0	H	161.0	-10.0
135.406667	19.80	33.10	13.30	200.0	H	156.0	-16.2
303.162778	24.20	37.00	12.80	300.0	V	199.0	-8.0
456.045556	24.30	37.00	12.70	300.0	V	297.0	-3.8
657.590000	27.69	37.00	9.31	100.0	V	260.0	-0.4
852.613889	30.53	37.00	6.47	100.0	V	77.0	1.4

BT+EMTC+Normal Operating+LED on

EUT Information

EUT Name:	AMAZON LOCKER
Order Number:	168329635 40
Model:	ZL-ODIN-V1
Test Mode:	BT+EMTC link+LED on+Normal Operating
Test Voltage:	AC 120V/60Hz
Test By:	Charlie Zha
Review By:	Gary Chen
Remark:	10m Chamber (FCC 15B)



Critical_Freqs

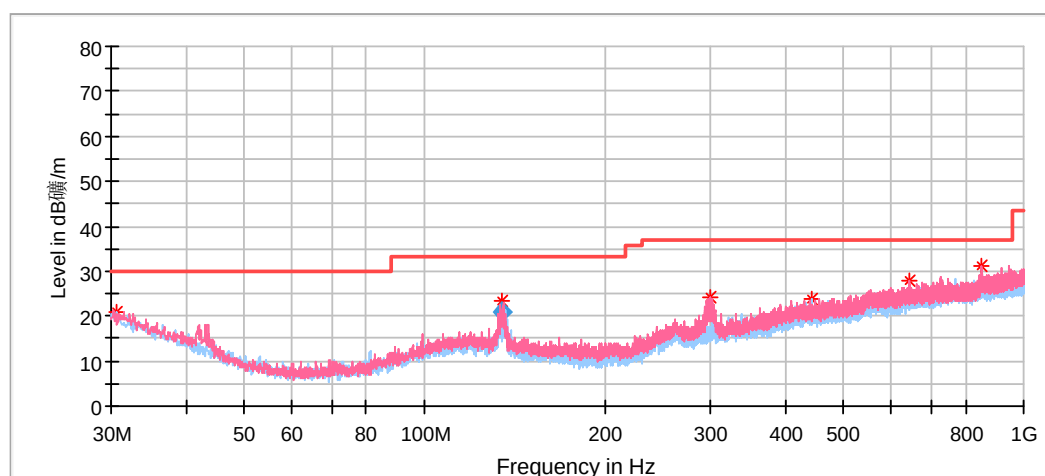
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
30.646667	20.76	29.50	8.74	200.0	H	198.0	-10.0
134.525000	23.56	33.10	9.54	253.0	V	0.0	-10.6
300.414444	24.10	35.60	11.50	300.0	V	206.0	-8.1
442.142222	23.98	35.60	11.62	300.0	H	178.0	-9.9
642.393333	27.98	35.60	7.62	100.0	V	105.0	-0.4
852.560000	31.21	35.60	4.39	100.0	V	322.0	1.4

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)
134.525000	20.92	33.10	12.18	1000.0	120.000	253.0	V	0.0	-10.6

EUT Information

EUT Name: AMAZON LOCKER
Order Number: 168329635 40
Model: ZL-ODIN-V1
Test Mode: BT+EMTC Link+LED on+Normal Operating
Test Voltage: AC 120V/60Hz
Test By: Charlie Zha
Review By: Gary Chen
Remark: 10m Chamber (ICES-003)



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
30.646667	20.76	30.00	9.24	200.0	H	198.0	-10.0
134.525000	23.56	33.10	9.54	253.0	V	0.0	-10.5
300.414444	24.10	37.00	12.90	300.0	V	206.0	-8.1
442.142222	23.98	37.00	13.02	300.0	H	178.0	-9.9
642.393333	27.98	37.00	9.02	100.0	V	105.0	-0.4
852.560000	31.21	37.00	5.79	100.0	V	322.0	1.4

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)
134.525000	20.92	33.10	12.18	1000.0	120.000	253.0	V	0.0	-10.5

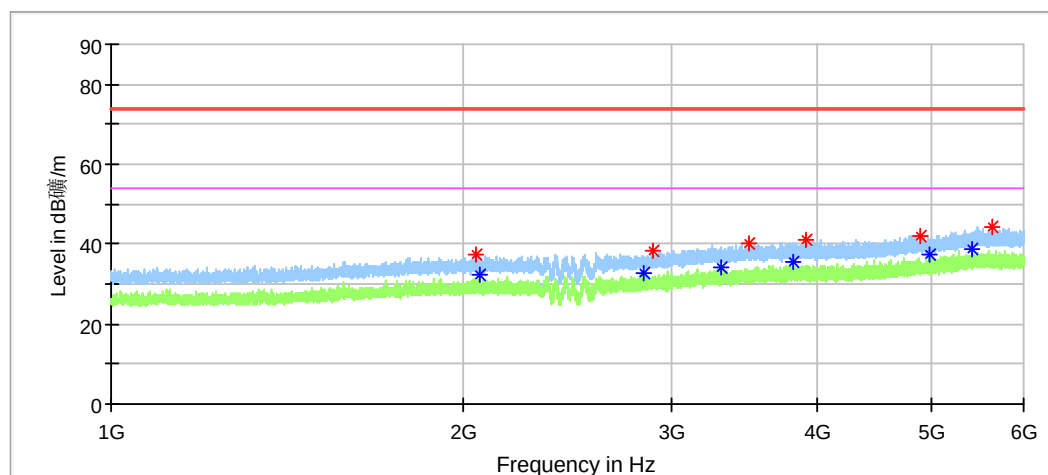
Appendix C.2: Test Plots of Radiated Emission, Above 1GHz

Note: Testing was carried out within frequency range 30MHz to the 5th harmonics. The measurement results above 6GHz were greater than 20dB below the limit, so only record the test result within the 30MHz to 6GHz.

BT+NB+Normal Operating+LED on

EUT Information

EUT Name:	AMAZON LOCKER
Order Number:	168329635 40
Model:	ZL-ODIN-V1
Test Mode:	BT+NB IOT+Normal Operating+LED on
Test Voltage:	AC 120V/60Hz
Test By:	Charlie Zha
Review By:	Gary Chen
Remark:	10m Chamber

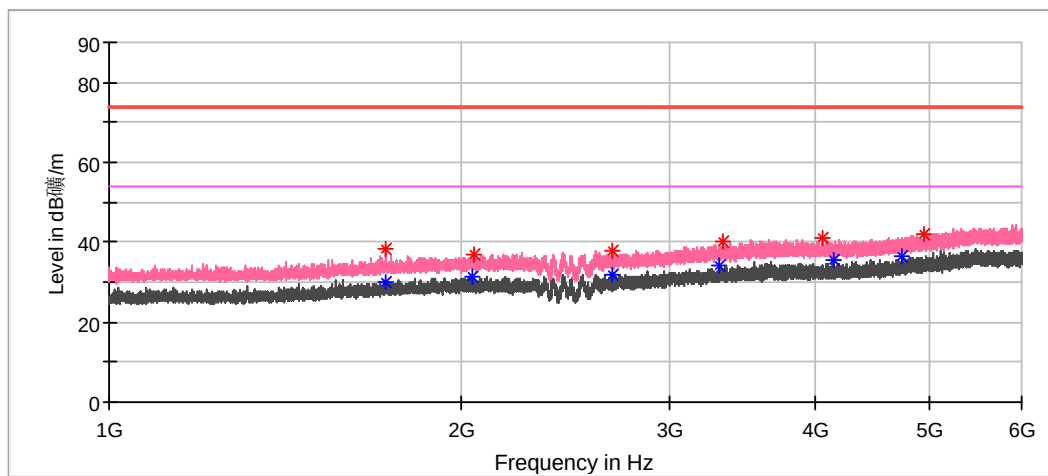


Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2048.125000	37.38	74.00	36.62	100.0	H	123.0	-3.2
2059.583333	---	54.00	21.78	200.0	H	290.0	-3.1
2843.541667	---	54.00	21.14	100.0	H	178.0	-0.7
2895.000000	38.25	74.00	35.75	200.0	H	350.0	-0.4
3312.083333	---	54.00	20.02	200.0	H	0.0	1.7
3493.958333	40.27	74.00	33.73	100.0	H	276.0	2.6
3821.041667	---	54.00	18.38	100.0	H	72.0	3.5
3919.583333	41.21	74.00	32.79	200.0	H	144.0	3.8
4904.375000	42.03	74.00	31.97	200.0	H	122.0	7.2
4996.666667	---	54.00	16.83	200.0	H	313.0	7.7
5419.375000	---	54.00	15.33	200.0	H	161.0	9.5
5641.458333	44.32	74.00	29.68	200.0	H	182.0	10.0

EUT Information

EUT Name: AMAZON LOCKER
 Order Number: 168329635 40
 Model: ZL-ODIN-V1
 Test Mode: BT+NB IOT+Normal Operating+LED on
 Test Voltage: AC 120V/60Hz
 Test By: Charlie Zha
 Review By: Gary Chen
 Remark: 10m Chamber



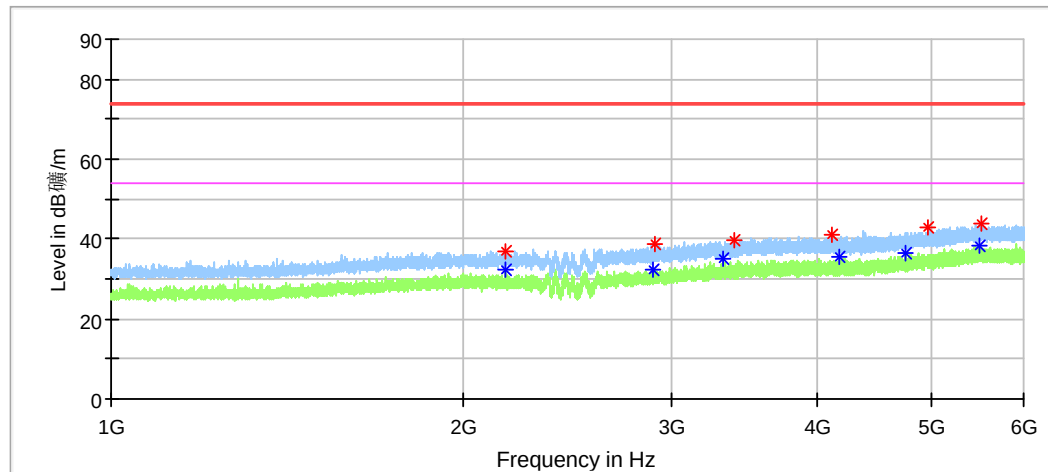
Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1720.625000	38.26	74.00	35.74	100.0	V	298.0	-4.3
1721.458333	---	54.00	24.16	100.0	V	265.0	-4.3
2038.125000	---	54.00	22.55	200.0	V	8.0	-3.2
2044.583333	36.86	74.00	37.14	200.0	V	284.0	-3.2
2685.416667	38.05	74.00	35.95	100.0	V	206.0	-1.6
2690.000000	---	54.00	22.00	200.0	V	45.0	-1.6
3311.250000	---	54.00	19.94	200.0	V	77.0	1.7
3338.333333	40.35	74.00	33.65	100.0	V	89.0	1.9
4064.166667	41.03	74.00	32.97	100.0	V	134.0	4.1
4151.250000	---	54.00	18.36	100.0	V	336.0	4.2
4750.625000	---	54.00	17.72	200.0	V	40.0	6.4
4958.958333	41.92	74.00	32.08	100.0	V	255.0	7.5

BT+GPRS+Normal Operating+LED on

EUT Information

EUT Name:	AMAZON LOCKER
Order Number:	168329635 40
Model:	ZL-ODIN-V1
Test Mode:	BT+GPRS link+Normal Operating+LED on
Test Voltage:	AC 120V/60Hz
Test By:	Charlie Zha
Review By:	Gary Chen
Remark:	10m Chamber

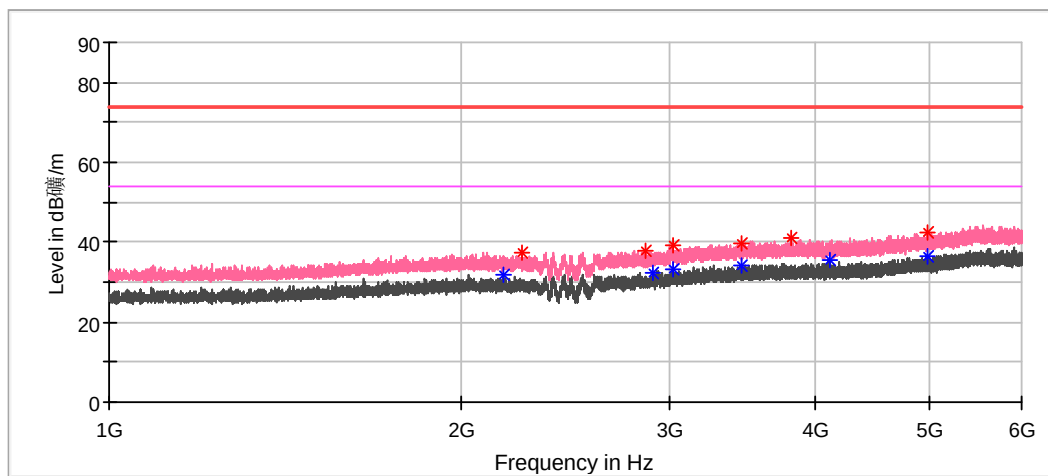


Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2166.458333	36.76	74.00	37.24	200.0	H	333.0	-3.1
2171.458333	---	54.00	21.79	100.0	H	264.0	-3.1
2893.958333	---	54.00	21.61	100.0	H	327.0	-0.4
2905.000000	38.87	74.00	35.13	100.0	H	155.0	-0.4
3323.958333	---	54.00	19.01	200.0	H	174.0	1.8
3397.500000	39.85	74.00	34.15	100.0	H	288.0	2.1
4112.083333	40.91	74.00	33.09	100.0	H	38.0	4.1
4175.625000	---	54.00	18.57	100.0	H	278.0	4.3
4766.041667	---	54.00	17.66	200.0	H	0.0	6.5
4963.333333	42.97	74.00	31.03	200.0	H	274.0	7.5
5505.000000	---	54.00	15.65	200.0	H	169.0	9.9
5523.125000	43.79	74.00	30.21	200.0	H	27.0	9.9

EUT Information

EUT Name: AMAZON LOCKER
 Order Number: 168329635 40
 Model: ZL-ODIN-V1
 Test Mode: BT+GPRS link+Normal Operating+LED on
 Test Voltage: AC 120V/60Hz
 Test By: Charlie Zha
 Review By: Gary Chen
 Remark: 10m Chamber



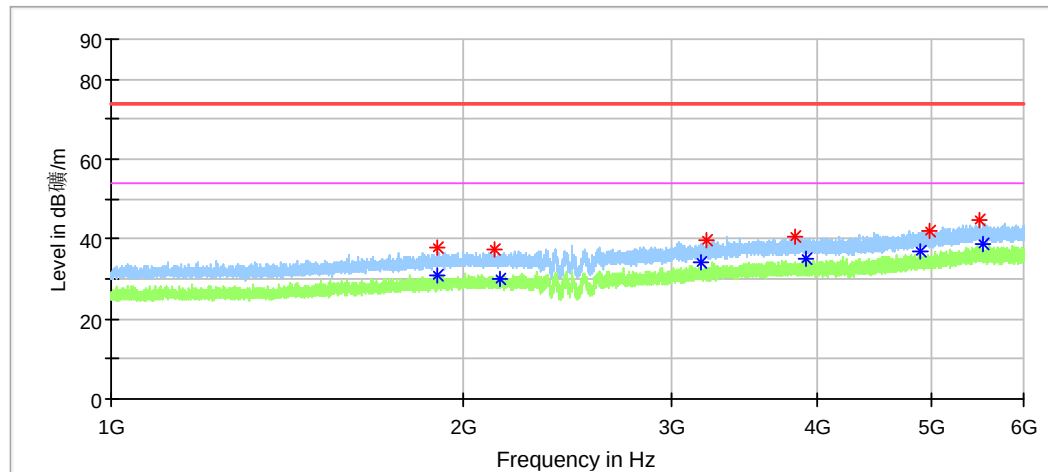
Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2172.500000	---	54.00	22.12	200.0	V	0.0	-3.1
2252.291667	37.53	74.00	36.47	200.0	V	163.0	-2.9
2870.000000	37.76	74.00	36.24	200.0	V	101.0	-0.6
2906.458333	---	54.00	21.73	200.0	V	96.0	-0.4
3027.291667	---	54.00	20.95	100.0	V	230.0	0.3
3028.541667	39.38	74.00	34.62	200.0	V	182.0	0.3
3458.333333	39.82	74.00	34.18	100.0	V	263.0	2.5
3465.625000	---	54.00	19.69	100.0	V	186.0	2.5
3822.500000	40.90	74.00	33.10	100.0	V	102.0	3.5
4115.625000	---	54.00	18.57	200.0	V	215.0	4.1
4991.041667	42.31	74.00	31.69	200.0	V	68.0	7.6
4995.625000	---	54.00	17.35	200.0	V	178.0	7.7

BT+EMTC+Normal Operating+LED on

EUT Information

EUT Name:	AMAZON LOCKER
Order Number:	168329635 40
Model:	ZL-ODIN-V1
Test Mode:	BT+EMTC link+LED on+Normal Operating
Test Voltage:	AC 120V/60Hz
Test By:	Charlie Zha
Review By:	Gary Chen
Remark:	10m Chamber

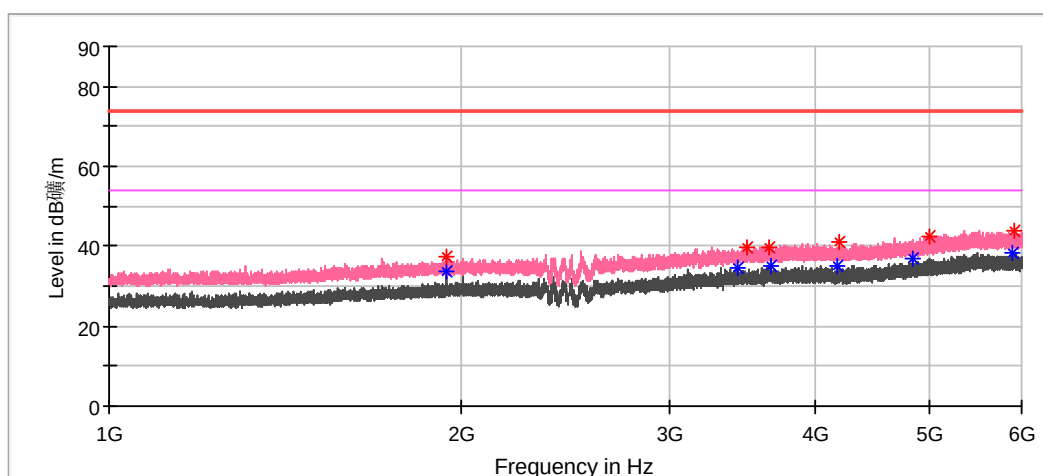


Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1896.250000	37.74	74.00	36.26	100.0	H	0.0	-3.5
1896.250000	---	54.00	23.30	200.0	H	0.0	-3.5
2125.416667	37.27	74.00	36.73	200.0	H	100.0	-3.1
2146.458333	---	54.00	23.83	200.0	H	299.0	-3.1
3180.416667	---	54.00	19.87	200.0	H	72.0	1.1
3218.541667	39.82	74.00	34.18	200.0	H	154.0	1.3
3828.333333	40.72	74.00	33.28	100.0	H	29.0	3.5
3909.583333	---	54.00	19.03	200.0	H	160.0	3.7
4906.458333	---	54.00	17.30	100.0	H	187.0	7.2
4992.083333	42.07	74.00	31.93	200.0	H	16.0	7.6
5506.041667	44.89	74.00	29.11	100.0	H	277.0	9.9
5550.625000	---	54.00	15.12	100.0	H	47.0	9.9

EUT Information

EUT Name: AMAZON LOCKER
Order Number: 168329635 40
Model: ZL-ODIN-V1
Test Mode: BT+EMTC link+LED on+Normal Operating
Test Voltage: AC 120V/60Hz
Test By: Charlie Zha
Review By: Gary Chen
Remark: 10m Chamber



Critical Freqs

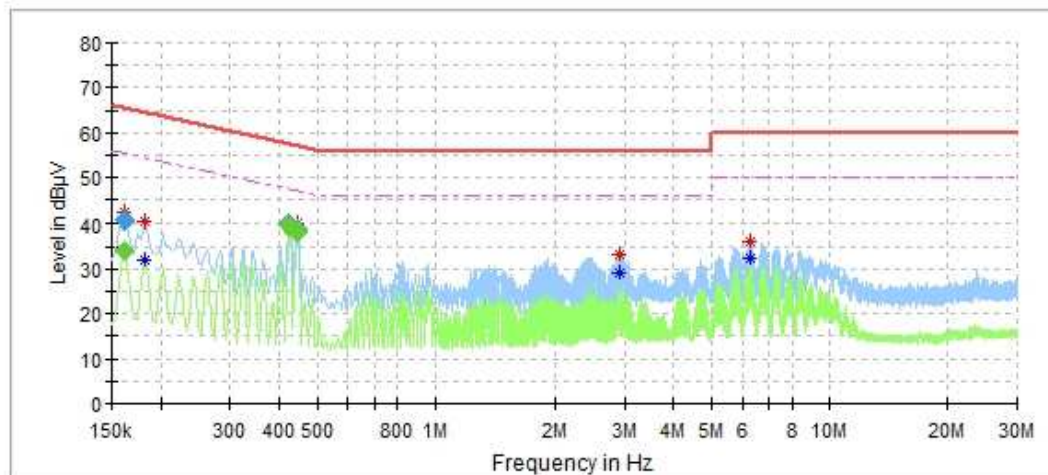
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1942.291667	---	54.00	20.29	200.0	V	266.0	-3.4
1942.291667	37.34	74.00	36.66	200.0	V	266.0	-3.4
3437.291667	---	54.00	19.29	200.0	V	67.0	2.4
3495.625000	39.67	74.00	34.33	200.0	V	209.0	2.6
3651.875000	39.60	74.00	34.40	200.0	V	171.0	3.1
3662.916667	---	54.00	18.95	100.0	V	348.0	3.1
4170.625000	---	54.00	19.07	200.0	V	0.0	4.2
4191.875000	40.95	74.00	33.05	200.0	V	149.0	4.3
4841.250000	---	54.00	17.19	100.0	V	10.0	6.9
5011.250000	42.25	74.00	31.75	100.0	V	123.0	7.7
5898.750000	---	54.00	15.48	100.0	V	0.0	10.1
5917.500000	44.05	74.00	29.95	200.0	V	56.0	10.2

Appendix C.3: Test Plots of Conducted Emissions on AC Mains

BT+NB+Normal Operating+LED on

EUT Information

EUT Name:	AMAZON LOCKER
Order No.:	168329635 40
Model:	ZL-ODIN-V1
Test Mode:	BT+NB IOT+Normal Operating+LED on
Test Voltage:	AC 120V/60Hz
Test By:	Charlie Zha
Review By:	Gary Chen
Remark:	SR1



Critical_Freqs

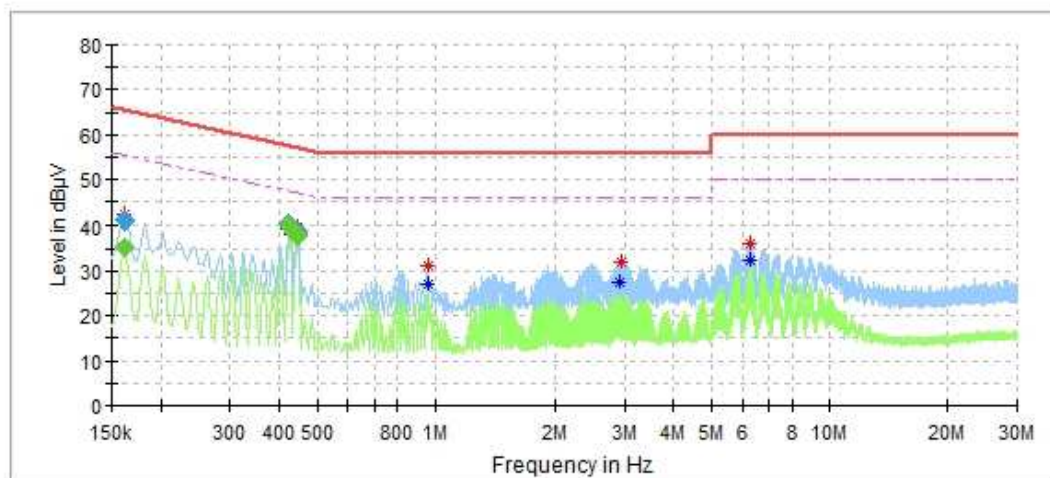
Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.162000	---	34.01	55.36	21.35	L1	9.6
0.162000	42.13	---	65.36	23.23	L1	9.6
0.182000	---	32.01	54.39	22.39	L1	9.6
0.182000	40.15	---	64.39	24.24	L1	9.6
0.424500	---	39.01	47.33	8.32	L1	9.7
0.424500	40.28	---	57.33	17.05	L1	9.7
0.444500	---	38.06	46.95	8.89	L1	9.7
0.444500	39.82	---	56.95	17.12	L1	9.7
2.932000	---	28.96	46.00	17.04	L1	9.8
2.932000	33.29	---	56.00	22.71	L1	9.8
6.264000	---	32.28	50.00	17.72	L1	10.0
6.264000	35.96	---	60.00	24.04	L1	10.0

Final_Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.162000	---	34.03	55.36	21.33	1000.0	9.000	L1	9.6
0.162000	40.45	---	65.36	24.91	1000.0	9.000	L1	9.6
0.424500	---	39.36	47.36	8.00	1000.0	9.000	L1	9.7
0.424500	39.67	---	57.36	17.69	1000.0	9.000	L1	9.7
0.444500	---	38.23	46.98	8.74	1000.0	9.000	L1	9.7
0.444500	38.50	---	56.98	18.48	1000.0	9.000	L1	9.7

EUT Information

EUT Name: AMAZON LOCKER
Order No.: 168329635 40
Model: ZL-ODIN-V1
Test Mode: BT+NB IOT+Normal Operating+LED on
Test Voltage: AC 120V/60Hz
Test By: Charlie Zha
Review By: Gary Chen
Remark: SR1



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)
0.162000	---	35.44	55.36	19.92	N	9.6
0.162000	42.34	---	65.36	23.02	N	9.6
0.424500	---	39.08	47.33	8.25	N	9.7
0.424500	40.55	---	57.33	16.78	N	9.7
0.444500	---	37.84	46.95	9.11	N	9.7
0.444500	39.52	---	56.95	17.43	N	9.7
0.956000	31.10	---	56.00	24.90	N	9.7
0.960000	---	27.25	46.00	18.75	N	9.7
2.932000	---	27.59	46.00	18.41	N	9.8
2.936000	31.99	---	56.00	24.01	N	9.8
6.272000	---	32.43	50.00	17.57	N	10.0
6.272000	36.16	---	60.00	23.84	N	10.0

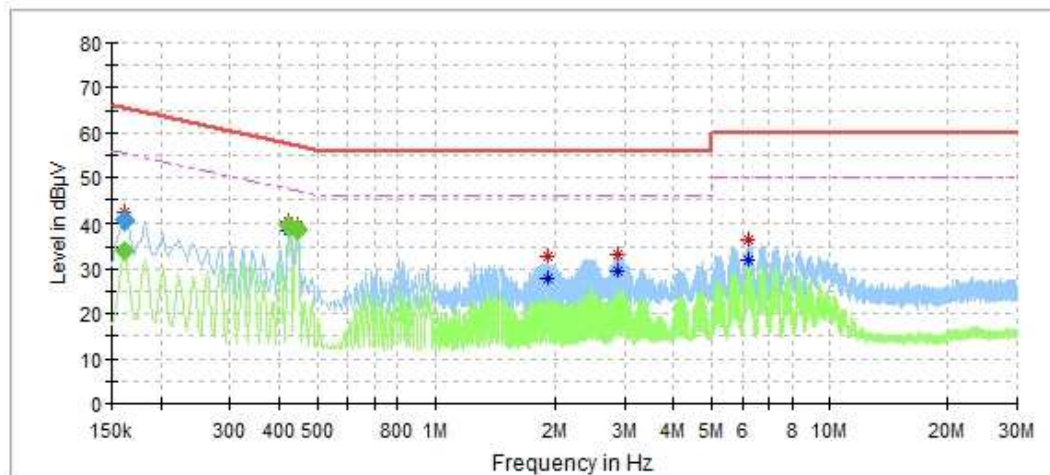
Final Result

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.162000	---	35.44	55.36	19.92	1000.0	9.000	N	9.6
0.162000	40.97	---	65.36	24.39	1000.0	9.000	N	9.6
0.424500	---	39.66	47.36	7.70	1000.0	9.000	N	9.7
0.424500	40.05	---	57.36	17.31	1000.0	9.000	N	9.7
0.444500	---	37.89	46.98	9.09	1000.0	9.000	N	9.7
0.444500	38.53	---	56.98	18.45	1000.0	9.000	N	9.7

BT+GPRS+Normal Operating+LED on

EUT Information

EUT Name: AMAZON LOCKER
Order No.: 168329635 40
Model: ZL-ODIN-V1
Test Mode: BT+ GPRS link+Normal Operating+LED on
Test Voltage: AC 120V/60Hz
Test By: Charlie Zha
Review By: Gary Chen
Remark: SR1



Critical_Freqs

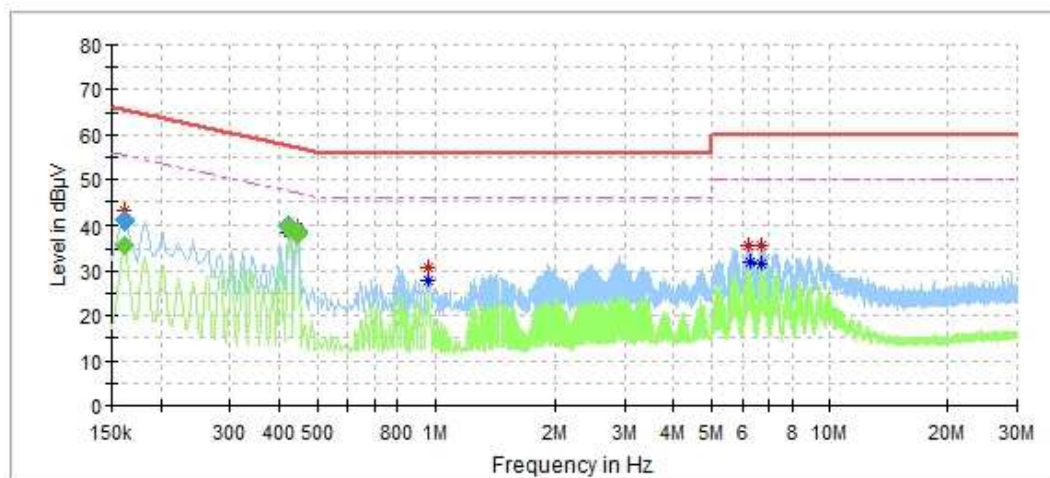
Frequency (MHz)	MaxPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)
0.162000	---	34.06	55.36	21.30	L1	9.6
0.162000	42.29	---	65.36	23.07	L1	9.6
0.424500	---	38.39	47.33	8.94	L1	9.7
0.424500	40.18	---	57.33	17.15	L1	9.7
0.444500	---	38.02	46.95	8.93	L1	9.7
0.444500	39.27	---	56.95	17.68	L1	9.7
1.920000	---	28.01	46.00	17.99	L1	9.7
1.920000	32.65	---	56.00	23.35	L1	9.7
2.872000	---	29.37	46.00	16.63	L1	9.8
2.872000	33.30	---	56.00	22.70	L1	9.8
6.228000	---	31.96	50.00	18.04	L1	10.0
6.228000	36.61	---	60.00	23.39	L1	10.0

Final_Result

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.162000	---	34.03	55.36	21.33	1000.0	9.000	L1	9.6
0.162000	40.57	---	65.36	24.79	1000.0	9.000	L1	9.6
0.424500	---	39.24	47.36	8.12	1000.0	9.000	L1	9.7
0.424500	39.56	---	57.36	17.80	1000.0	9.000	L1	9.7
0.444500	---	38.36	46.98	8.61	1000.0	9.000	L1	9.7
0.444500	38.69	---	56.98	18.29	1000.0	9.000	L1	9.7

EUT Information

EUT Name: AMAZON LOCKER
Order No.: 168329635 40
Model: ZL-ODIN-V1
Test Mode: BT+GPRS link+Normal Operating+LED on
Test Voltage: AC 120V/60Hz
Test By: Charlie Zha
Review By: Gary Chen
Remark: SR1



Critical Freqs

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.162000	42.92	---	65.36	22.44	N	9.6
0.162000	---	35.58	55.36	19.78	N	9.6
0.424500	40.32	---	57.33	17.01	N	9.7
0.424500	---	38.55	47.33	8.78	N	9.7
0.444500	---	37.94	46.95	9.01	N	9.7
0.444500	39.38	---	56.95	17.56	N	9.7
0.960000	---	27.82	46.00	18.18	N	9.7
0.960000	30.74	---	56.00	25.26	N	9.7
6.228000	35.81	---	60.00	24.19	N	10.0
6.244000	---	31.85	50.00	18.15	N	10.0
6.708000	35.67	---	60.00	24.33	N	10.0
6.708000	---	31.42	50.00	18.58	N	10.0

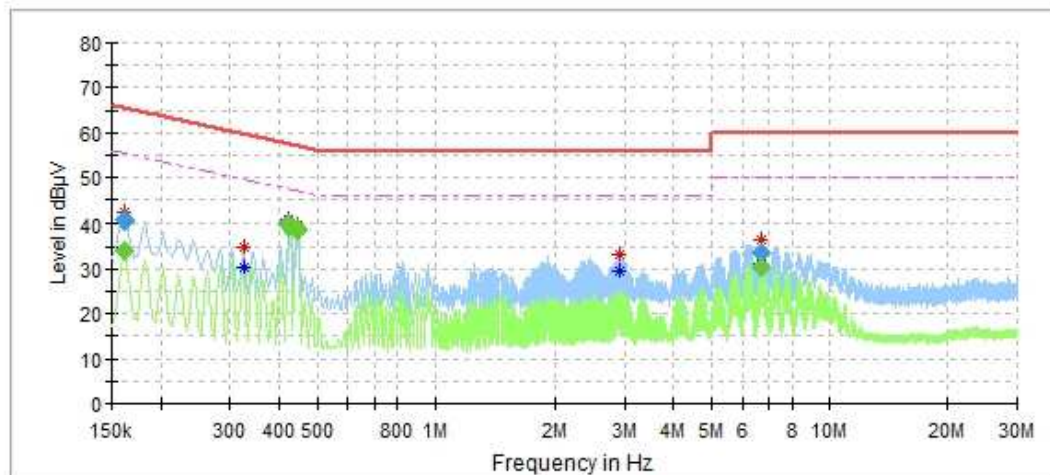
Final Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.162000	---	35.51	55.36	19.85	1000.0	9.000	N	9.6
0.162000	41.20	---	65.36	24.16	1000.0	9.000	N	9.6
0.424500	---	39.52	47.36	7.84	1000.0	9.000	N	9.7
0.424500	39.84	---	57.36	17.52	1000.0	9.000	N	9.7
0.444500	---	38.22	46.98	8.76	1000.0	9.000	N	9.7
0.444500	38.62	---	56.98	18.36	1000.0	9.000	N	9.7

BT+EMTC+Normal Operating+LED on

EUT Information

EUT Name: AMAZON LOCKER
Order No.: 168329635 40
Model: ZL-ODIN-V1
Test Mode: BT+EMTC link+Normal Operating+LED on
Test Voltage: AC 120V/60Hz
Test By: Charlie Zha
Review By: Gary Chen
Remark: SR1



Critical Freqs

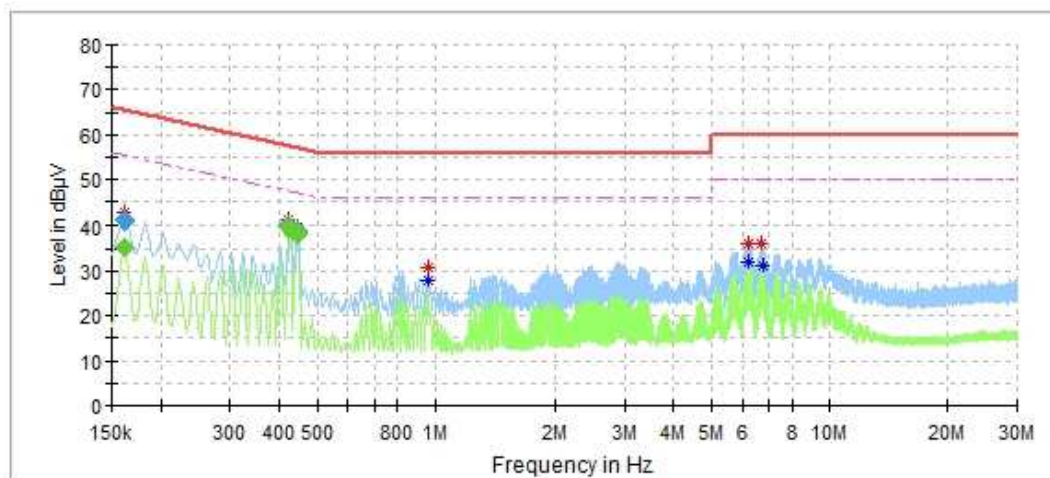
Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.162000	---	34.01	55.36	21.35	L1	9.6
0.162000	42.23	---	65.36	23.14	L1	9.6
0.326000	---	30.50	49.55	19.06	L1	9.7
0.326000	34.73	---	59.55	24.82	L1	9.7
0.424500	40.44	---	57.33	16.89	L1	9.7
0.424500	---	38.82	47.33	8.51	L1	9.7
0.444500	---	38.09	46.95	8.86	L1	9.7
0.444500	39.49	---	56.95	17.46	L1	9.7
2.912000	---	29.41	46.00	16.59	L1	9.8
2.912000	33.17	---	56.00	22.83	L1	9.8
6.710500	36.53	---	60.00	23.47	L1	10.0
6.714500	---	31.16	50.00	18.84	L1	10.0

Final Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.162000	---	33.99	55.36	21.37	1000.0	9.000	L1	9.6
0.162000	40.53	---	65.36	24.83	1000.0	9.000	L1	9.6
0.424500	---	39.22	47.36	8.14	1000.0	9.000	L1	9.7
0.424500	39.60	---	57.36	17.76	1000.0	9.000	L1	9.7
0.444500	38.56	---	56.98	18.42	1000.0	9.000	L1	9.7
0.444500	---	38.50	46.98	8.47	1000.0	9.000	L1	9.7
6.710500	33.58	---	60.00	26.42	1000.0	9.000	L1	10.0
6.714500	---	30.35	50.00	19.65	1000.0	9.000	L1	10.0

EUT Information

EUT Name: AMAZON LOCKER
 Order No.: 168329635 40
 Model: ZL-ODIN-V1
 Test Mode: BT+EMTC link+Normal Operating+LED on
 Test Voltage: AC 120V/60Hz
 Test By: Charlie Zha
 Review By: Gary Chen
 Remark: SR1



Critical Freqs

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.162000	42.51	---	65.36	22.85	N	9.6
0.162000	---	35.40	55.36	19.96	N	9.6
0.424500	40.92	---	57.33	16.41	N	9.7
0.424500	---	39.06	47.33	8.27	N	9.7
0.444500	---	37.93	46.95	9.02	N	9.7
0.444500	39.37	---	56.95	17.57	N	9.7
0.960000	---	27.75	46.00	18.25	N	9.7
0.960000	30.89	---	56.00	25.11	N	9.7
6.204000	35.94	---	60.00	24.06	N	10.0
6.208000	---	31.86	50.00	18.14	N	10.0
6.712000	36.08	---	60.00	23.92	N	10.0
6.736000	---	31.20	50.00	18.80	N	10.0

Final Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.162000	---	35.48	55.36	19.88	1000.0	9.000	N	9.6
0.162000	41.14	---	65.36	24.22	1000.0	9.000	N	9.6
0.424500	---	39.59	47.36	7.77	1000.0	9.000	N	9.7
0.424500	39.87	---	57.36	17.49	1000.0	9.000	N	9.7
0.444500	---	38.33	46.98	8.64	1000.0	9.000	N	9.7
0.444500	38.41	---	56.98	18.57	1000.0	9.000	N	9.7