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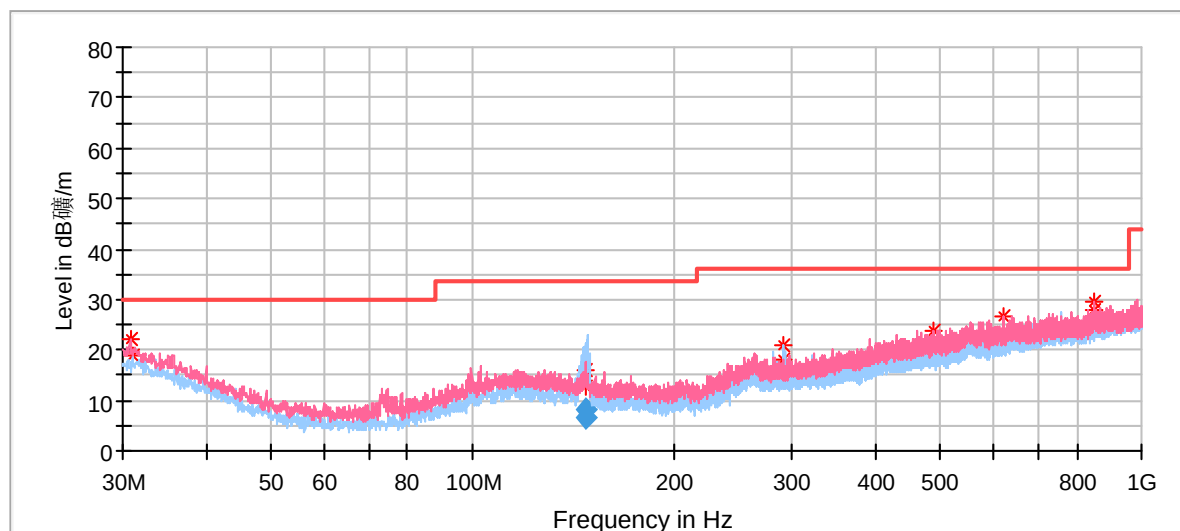
Appendix B.1: Test Plots of Radiated Emission, Below 1GHz

Note: The following illustration shows the limit that meet the FCC requirements, and these measured value also comply with IC requirements.

BT+NB+Normal Operating+LED on (AC power)

EUT Information

EUT Name:	Amazon Locker
Order Number:	168307010
Model:	ZL-ODIN-V1
Test Mode:	BT Link+NB Link+Normal Operation+LED on
Test Voltage:	AC 120V/60Hz
Test By:	Shower Dai
Review By:	Gary Chen



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
30.754444	22.12	30.00	7.88	300.0	V	129.0	-4.6
31.023889	18.69	30.00	11.31	100.0	H	339.0	-12.0
147.341667	12.60	33.50	20.90	255.0	H	107.0	-18.3
147.627222	15.85	33.50	17.65	186.0	V	236.0	-11.3
290.930000	17.93	36.00	18.07	200.0	V	304.0	-8.3
292.223333	20.84	36.00	15.16	200.0	H	0.0	-15.1
486.385000	20.95	36.00	15.05	200.0	H	192.0	-10.5
488.378889	23.86	36.00	12.14	100.0	V	171.0	-3.4
620.514444	26.69	36.00	9.31	100.0	V	33.0	-1.8
621.268889	23.02	36.00	12.98	300.0	H	62.0	-8.3
847.763889	27.79	36.00	8.21	100.0	H	0.0	-5.0
851.590000	29.63	36.00	6.37	100.0	V	249.0	0.4

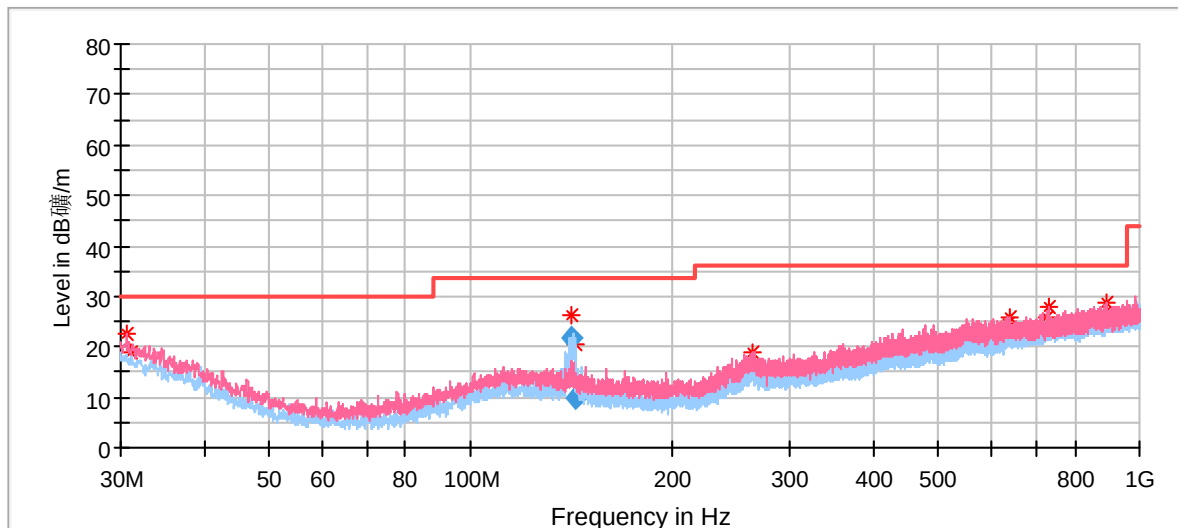
Final Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
147.341667	6.67	33.50	26.83	1000.0	120.000	255.0	H	107.0	-18.2
147.627222	8.25	33.50	25.25	1000.0	120.000	186.0	V	236.0	-11.3

BT+NB+Normal Operating+LED on (Battery)

EUT Information

EUT Name:	Amazon Locker
Order Number:	168307010
Model:	ZL-ODIN-V1
Test Mode:	BT Link+NB Link+Normal Operation+LED on
Test Voltage:	Battery
Test By:	Shower Dai
Review By:	Gary Chen



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
30.592778	22.51	30.00	7.49	300.0	V	218.0	-4.5
31.131667	18.91	30.00	11.09	300.0	H	0.0	-12.1
141.422778	26.13	33.50	7.37	324.0	H	177.0	-17.9
143.155000	20.47	33.50	13.03	136.0	V	68.0	-10.9
263.770000	18.77	36.00	17.23	200.0	V	283.0	-7.3
263.877778	16.42	36.00	19.58	100.0	H	238.0	-14.2
636.681111	24.61	36.00	11.39	200.0	H	261.0	-7.6
638.136111	25.72	36.00	10.28	300.0	V	0.0	-1.3
729.154444	25.90	36.00	10.10	300.0	H	156.0	-6.3
730.016667	27.81	36.00	8.19	300.0	V	354.0	-1.0
889.635556	26.84	36.00	9.16	100.0	H	165.0	-4.4
891.845000	28.73	36.00	7.27	100.0	V	85.0	0.9

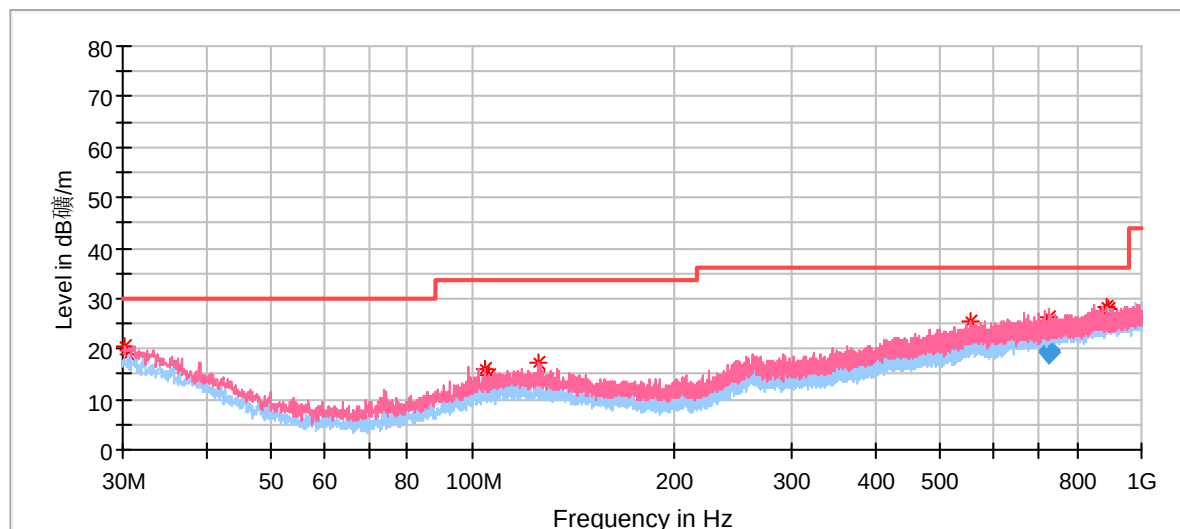
Final Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
141.422778	21.70	33.50	11.80	1000.0	120.000	324.0	H	177.0	-17.8
143.155000	9.68	33.50	23.82	1000.0	120.000	136.0	V	68.0	-10.9

BT+GPRS+Normal Operating+LED on (AC power)

EUT Information

EUT Name:	Amazon Locker
Order Number:	168307010
Model:	ZL-ODIN-V1
Test Mode:	BT Link+GPRS Link+Normal Operation+LED on
Test Voltage:	AC 120V/60Hz
Test By:	Shower Dai
Review By:	Gary Chen



Critical_Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
30.269444	20.52	30.00	9.48	200.0	V	0.0	-4.3
30.538889	18.94	30.00	11.06	200.0	H	92.0	-11.8
104.474444	16.12	33.50	17.38	100.0	V	13.0	-11.0
105.660000	14.69	33.50	18.81	300.0	H	84.0	-17.8
125.491111	14.45	33.50	19.05	100.0	H	203.0	-17.1
125.760556	17.29	33.50	16.21	100.0	V	276.0	-10.2
555.578333	22.46	36.00	13.54	100.0	H	327.0	-8.6
555.740000	25.41	36.00	10.59	100.0	V	47.0	-1.6
728.243333	26.41	36.00	9.59	103.0	V	35.0	-1.1
729.135556	25.44	36.00	10.56	303.0	H	207.0	-6.3
889.420000	28.23	36.00	7.77	200.0	V	0.0	0.9
890.066667	27.79	36.00	8.21	300.0	H	178.0	-4.4

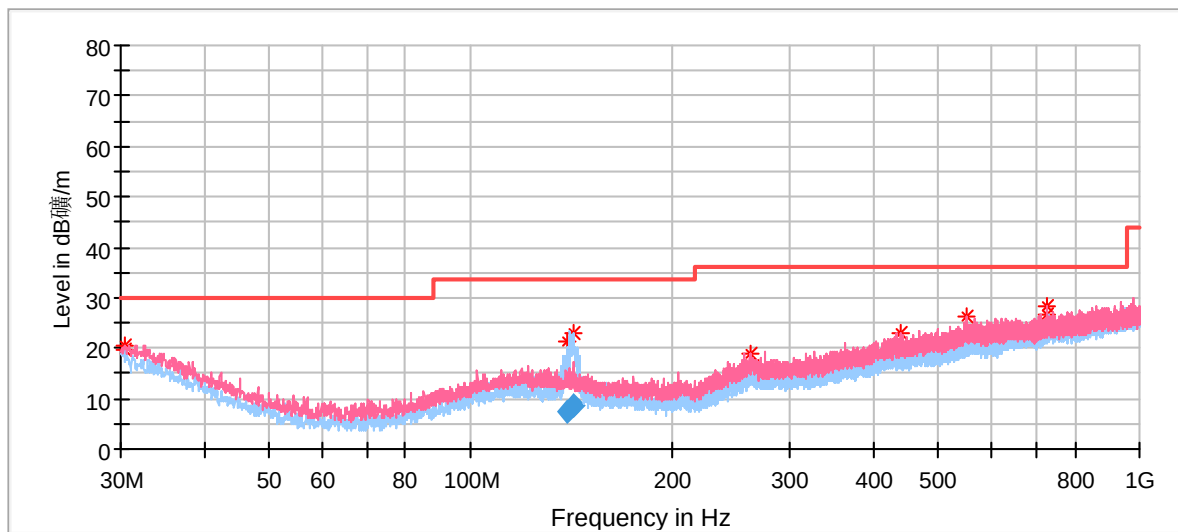
Final Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
728.243333	19.52	36.00	16.48	1000.0	120.000	103.0	V	35.0	-1.1
729.135556	19.22	36.00	16.78	1000.0	120.000	303.0	H	207.0	-6.3

BT+GPRS+Normal Operating+LED on (Battery)

EUT Information

EUT Name:	Amazon Locker
Order Number:	168307010
Model:	ZL-ODIN-V1
Test Mode:	BT Link+GPRS Link+Normal Operation+LED on
Test Voltage:	Battery
Test By:	Shower Dai
Review By:	Gary Chen



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
30.323333	20.41	30.00	9.59	300.0	V	313.0	-4.3
30.377222	19.71	30.00	10.29	200.0	H	277.0	-11.7
139.891111	21.42	33.50	12.08	194.0	H	184.0	-17.8
142.707778	23.09	33.50	10.41	150.0	V	166.0	-10.9
262.800000	18.78	36.00	17.22	300.0	V	108.0	-7.3
263.446667	16.21	36.00	19.79	300.0	H	174.0	-14.2
439.878889	22.95	36.00	13.05	200.0	V	318.0	-4.4
439.932778	19.62	36.00	16.38	200.0	H	0.0	-11.4
550.620556	21.48	36.00	14.52	100.0	H	201.0	-8.7
550.674444	26.38	36.00	9.62	300.0	V	235.0	-1.7
728.992778	28.27	36.00	7.73	100.0	V	161.0	-1.1
729.585556	26.63	36.00	9.37	100.0	H	46.0	-6.3

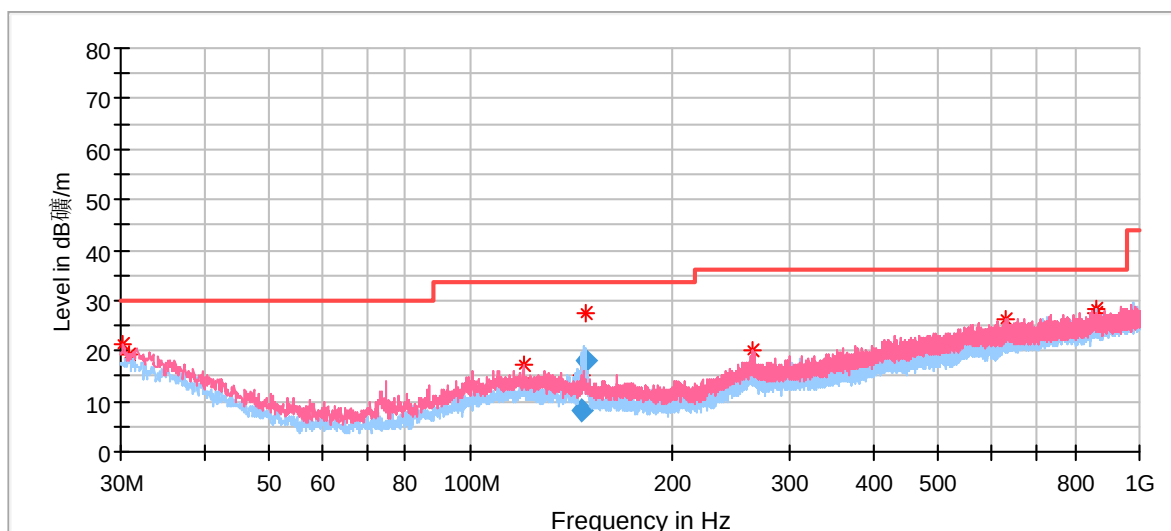
Final Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
139.891111	7.37	33.50	26.13	1000.0	120.000	194.0	H	184.0	-17.8
142.707778	8.56	33.50	24.94	1000.0	120.000	150.0	V	166.0	-10.9

BT+EMTC+Normal Operating+LED on (AC power)

EUT Information

EUT Name:	Amazon Locker
Order Number:	168307010
Model:	ZL-ODIN-V1
Test Mode:	BT Link+EMTC Link+Normal Operation+LED on
Test Voltage:	AC 120V/60Hz
Test By:	Shower Dai
Review By:	Gary Chen



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
30.269444	21.22	30.00	8.78	300.0	V	48.0	-4.3
30.808333	19.45	30.00	10.55	200.0	H	204.0	-11.9
119.886667	17.14	33.50	16.36	200.0	V	1.0	-9.9
120.048333	13.53	33.50	19.97	200.0	H	322.0	-16.8
147.162778	15.30	33.50	18.20	142.0	V	204.0	-11.4
148.548889	27.43	33.50	6.07	350.0	H	164.0	-18.3
263.823889	16.20	36.00	19.80	300.0	H	48.0	-14.2
263.931667	20.04	36.00	15.96	200.0	V	142.0	-7.3
630.968889	26.42	36.00	9.58	100.0	V	0.0	-1.3
631.292222	22.06	36.00	13.94	100.0	H	219.0	-7.8
860.373889	28.11	36.00	7.89	300.0	H	56.0	-4.7
860.481667	27.69	36.00	8.31	200.0	V	191.0	0.6

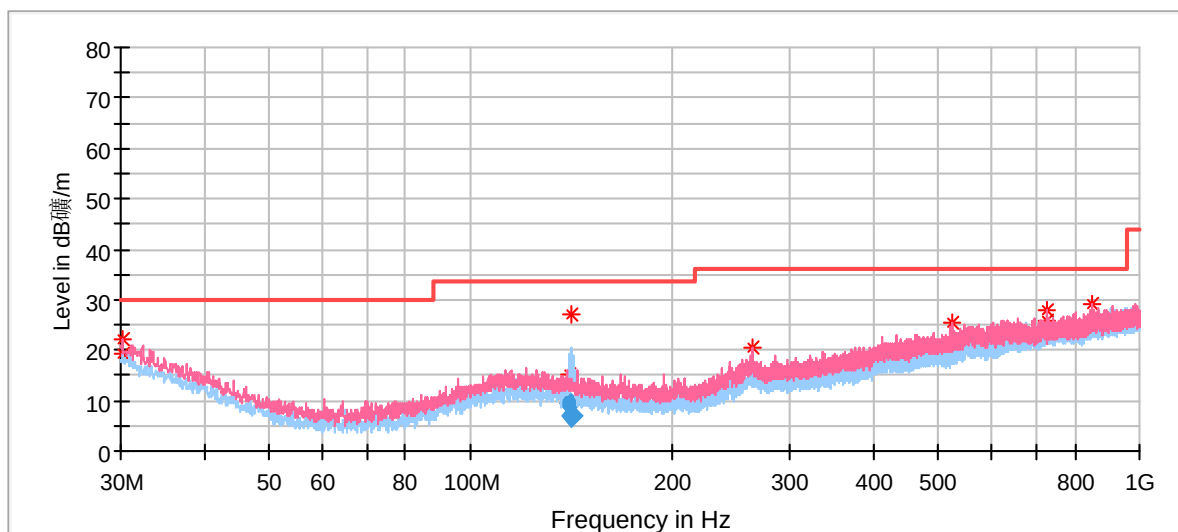
Final Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
147.162778	8.33	33.50	25.17	1000.0	120.000	142.0	V	204.0	-11.2
148.548889	18.23	33.50	15.27	1000.0	120.000	350.0	H	164.0	-18.3

BT+EMTC+Normal Operating+LED on (Battery)

EUT Information

EUT Name:	Amazon Locker
Order Number:	168307010
Model:	ZL-ODIN-V1
Test Mode:	BT Link+EMTC Link+Normal Operation+LED on
Test Voltage:	Battery
Test By:	Shower Dai
Review By:	Gary Chen



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
30.161667	22.05	30.00	7.95	100.0	V	171.0	-4.2
30.215556	19.21	30.00	10.79	100.0	H	235.0	-11.6
140.950000	15.36	33.50	18.14	121.0	V	182.0	-10.9
141.285556	27.18	33.50	6.32	328.0	H	166.0	-17.9
263.662222	20.57	36.00	15.43	200.0	V	19.0	-7.3
264.470556	15.95	36.00	20.05	300.0	H	342.0	-14.3
526.047222	25.29	36.00	10.71	200.0	V	84.0	-3.0
526.693889	20.05	36.00	15.95	200.0	H	172.0	-10.1
729.154444	25.67	36.00	10.33	200.0	H	221.0	-6.3
729.370000	27.75	36.00	8.25	200.0	V	154.0	-1.1
847.332778	26.05	36.00	9.95	100.0	H	104.0	-5.0
847.386667	29.03	36.00	6.97	300.0	V	346.0	0.4

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)
140.950000	9.34	33.50	24.16	1000.0	120.000	121.0	V	182.0	-10.8
141.285556	6.98	33.50	26.52	1000.0	120.000	328.0	H	166.0	-17.8

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

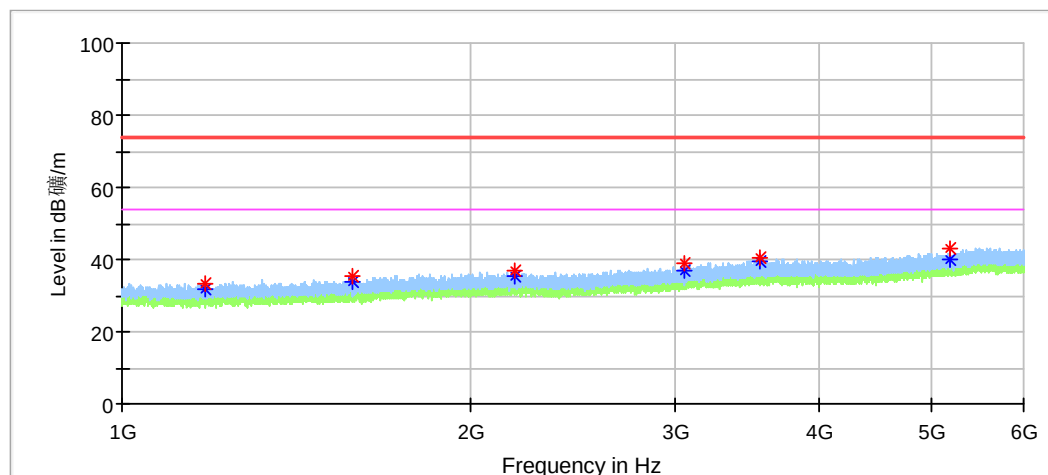
Note: Testing was carried out within frequency range 30MHz to the 5th harmonics. The measurement results above 6GHz were greater than 20dB below the limit, so only record the test result within the 30MHz to 6GHz.

BT+NB+Normal Operating+LED on (AC power)

Test Report

EUT Information

EUT Name:	Amazon Locker
Order Number:	168307010 10
Model:	Amazon
Test Mode:	BT Link+NB Link+Normal Operation+LED on
Test Voltage:	AC 120V/60Hz
Test By:	Shower Dai
Review By:	Gary Chen
Remark:	10m Chamber



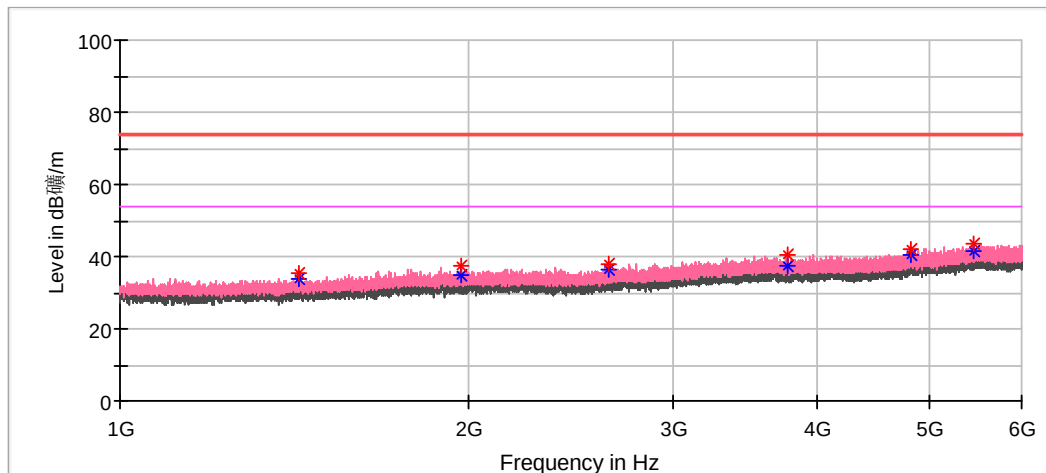
Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin	Height (cm)	Pol	Azimuth (deg)
1179.791667	---	31.72	54.00	22.28	100.0	H	216.0
1179.791667	33.58	---	74.00	40.42	100.0	H	216.0
1578.333333	---	33.77	54.00	20.23	100.0	H	245.0
1578.333333	35.56	---	74.00	38.44	100.0	H	245.0
2181.875000	---	35.26	54.00	18.74	100.0	H	178.0
2181.875000	36.72	---	74.00	37.28	100.0	H	178.0
3053.958333	---	36.85	54.00	17.15	200.0	H	334.0
3053.958333	38.94	---	74.00	35.06	200.0	H	334.0
3547.708333	---	39.43	54.00	14.57	200.0	H	134.0
3547.708333	40.39	---	74.00	33.61	200.0	H	134.0
5174.375000	---	39.96	54.00	14.04	200.0	H	186.0
5174.375000	43.09	---	74.00	30.91	200.0	H	186.0

Test Report

EUT Information

EUT Name: Amazon Locker
Order Number: 168307010 10
Model: Amazon
Test Mode: BT Link+NB Link+Normal Operation+LED on
Test Voltage: AC 120V/60Hz
Test By: Shower Dai
Review By: Gary Chen
Remark: 10m Chamber



Critical_Freqs

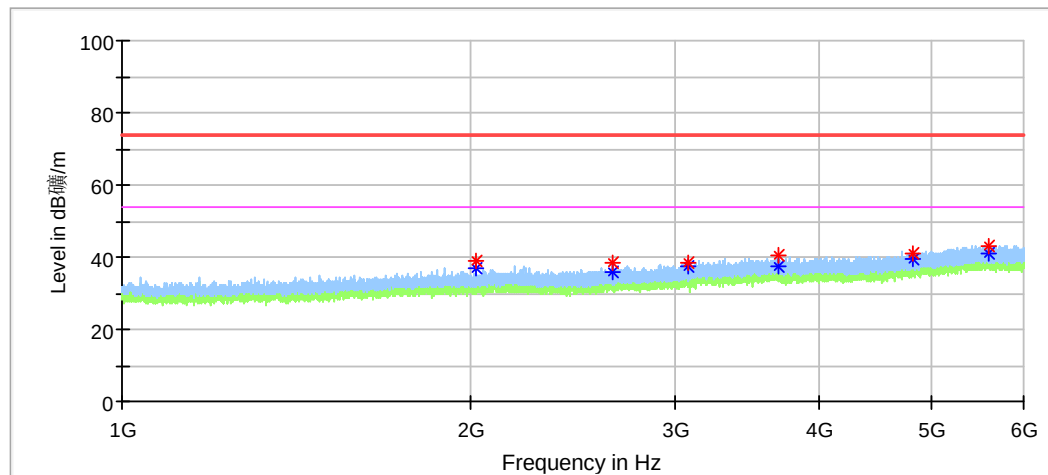
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin	Height (cm)	Pol	Azimuth (deg)
1425.208333	35.39	---	74.00	38.61	200.0	V	12.0
1425.208333	---	33.90	54.00	20.10	200.0	V	12.0
1967.083333	---	34.78	54.00	19.22	100.0	V	145.0
1967.083333	37.36	---	74.00	36.64	100.0	V	145.0
2643.125000	---	36.61	54.00	17.39	100.0	V	0.0
2643.125000	37.91	---	74.00	36.09	100.0	V	0.0
3773.333333	---	37.51	54.00	16.49	100.0	V	176.0
3773.333333	40.30	---	74.00	33.70	200.0	V	0.0
4819.166667	---	40.44	54.00	13.56	200.0	V	290.0
4819.166667	41.82	---	74.00	32.18	200.0	V	290.0
5452.500000	---	41.62	54.00	12.38	100.0	V	64.0
5452.500000	43.45	---	74.00	30.55	100.0	V	64.0

BT+NB+Normal Operating+LED on (Battery)

Test Report

EUT Information

EUT Name: Amazon Locker
Order Number: 168307010 10
Model: Amazon
Test Mode: BT Link+NB Link+Normal Operation+LED on
Test Voltage: Battery
Test By: Shower Dai
Review By: Gary Chen
Remark: 10m Chamber



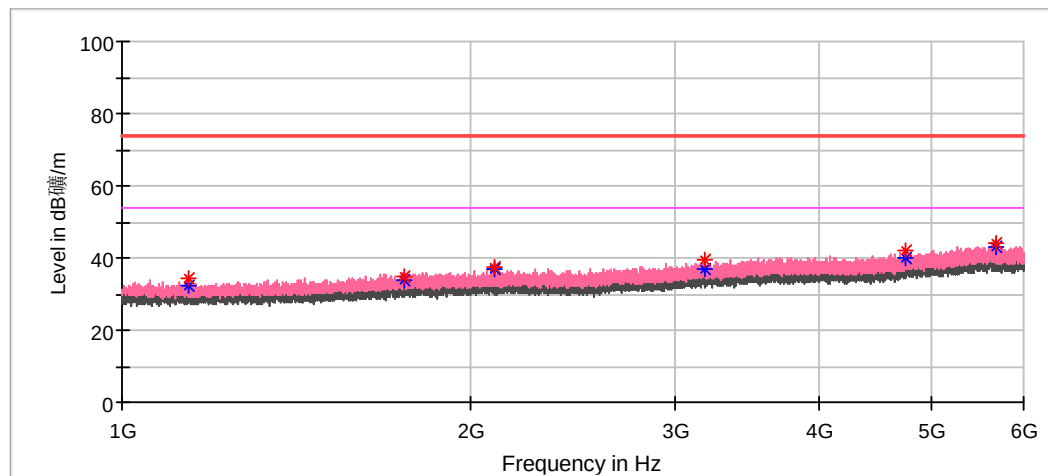
Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin	Height (cm)	Pol	Azimuth (deg)
2019.583333	---	37.11	54.00	16.89	200.0	H	105.0
2019.583333	39.03	---	74.00	34.97	200.0	H	105.0
2648.958333	---	35.77	54.00	18.23	100.0	H	289.0
2648.958333	38.27	---	74.00	35.73	100.0	H	289.0
3084.791667	---	37.41	54.00	16.59	200.0	H	204.0
3084.791667	38.53	---	74.00	35.47	200.0	H	204.0
3682.291667	40.68	---	74.00	33.32	200.0	H	49.0
3682.500000	---	37.23	54.00	16.77	100.0	H	289.0
4812.083333	40.96	---	74.00	33.04	200.0	H	301.0
4812.083333	---	39.42	54.00	14.58	200.0	H	301.0
5604.166667	---	41.11	54.00	12.89	100.0	H	277.0
5604.166667	43.30	---	74.00	30.70	100.0	H	277.0

Test Report

EUT Information

EUT Name: Amazon Locker
 Order Number: 168307010 10
 Model: Amazon
 Test Mode: BT Link+NB Link+Normal Operation+LED on
 Test Voltage: Battery
 Test By: Shower Dai
 Review By: Gary Chen
 Remark: 10m Chamber



Critical Freqs

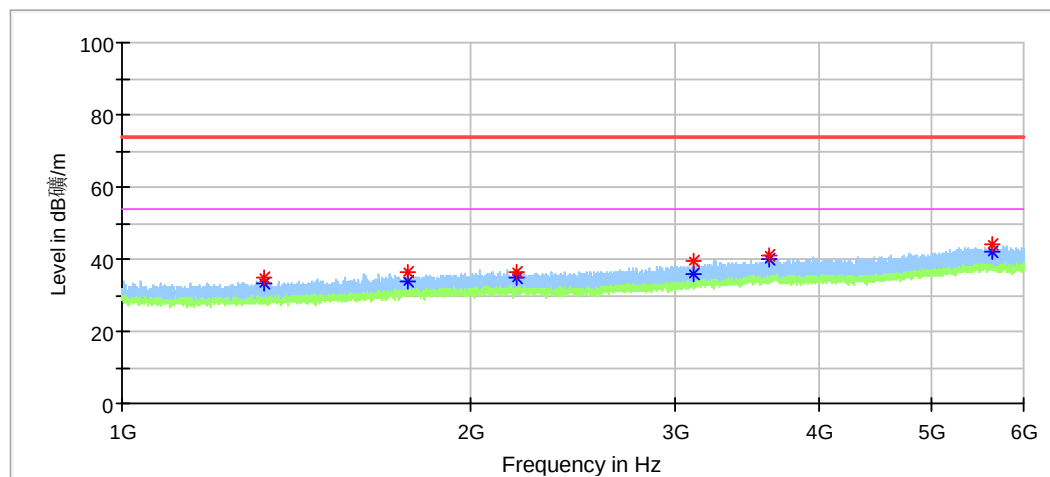
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin	Height (cm)	Pol	Azimuth (deg)
1140.416667	---	32.06	54.00	21.94	100.0	V	308.0
1140.416667	34.33	---	74.00	39.67	100.0	V	308.0
1750.833333	---	33.63	54.00	20.37	200.0	V	228.0
1750.833333	34.62	---	74.00	39.38	200.0	V	228.0
2096.041667	37.24	---	74.00	36.76	100.0	V	66.0
2096.041667	---	36.70	54.00	17.30	100.0	V	66.0
3180.416667	---	36.98	54.00	17.02	100.0	V	338.0
3180.416667	39.73	---	74.00	34.27	100.0	V	338.0
4752.291667	---	39.94	54.00	14.06	200.0	V	12.0
4752.291667	41.85	---	74.00	32.15	200.0	V	12.0
5682.291667	---	42.82	54.00	11.18	100.0	V	2.0
5682.291667	43.95	---	74.00	30.05	100.0	V	2.0

BT+GPRS+Normal Operating+LED on (AC power)

Test Report

EUT Information

EUT Name: Amazon Locker
 Order Number: 168307010 10
 Model: Amazon
 Test Mode: BT Link+GPRS Link+Normal Operation+LED on
 Test Voltage: AC 120V/60Hz
 Test By: Shower Dai
 Review By: Gary Chen
 Remark: 10m Chamber



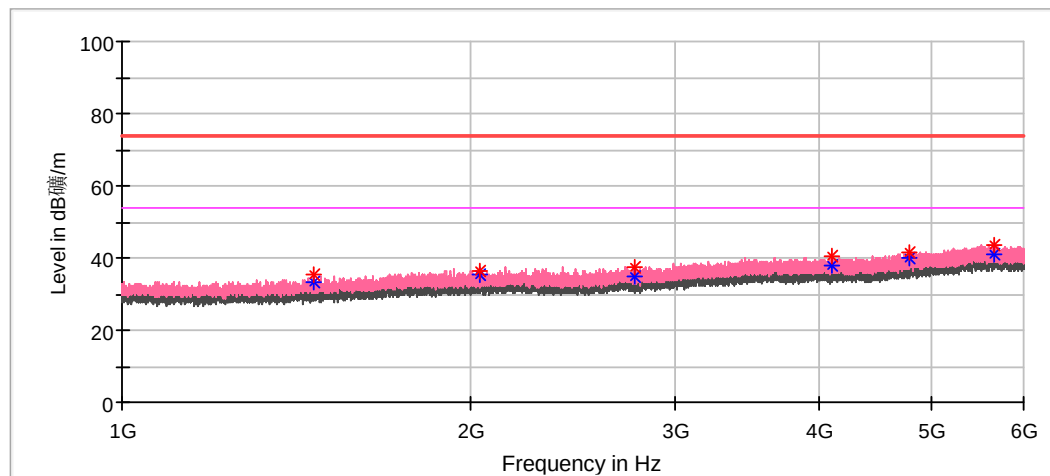
Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin	Height (cm)	Pol	Azimuth (deg)
1327.500000	---	33.48	54.00	20.52	200.0	H	339.0
1327.500000	35.12	---	74.00	38.88	200.0	H	339.0
1763.125000	---	34.09	54.00	19.91	100.0	H	0.0
1763.125000	36.66	---	74.00	37.34	100.0	H	0.0
2189.583333	---	35.06	54.00	18.94	200.0	H	38.0
2189.583333	36.18	---	74.00	37.82	200.0	H	38.0
3117.916667	---	36.05	54.00	17.95	100.0	H	137.0
3117.916667	39.54	---	74.00	34.46	100.0	H	137.0
3617.708333	---	39.83	54.00	14.17	200.0	H	330.0
3617.708333	41.06	---	74.00	32.94	200.0	H	330.0
5630.833333	---	42.27	54.00	11.73	100.0	H	156.0
5630.833333	44.12	---	74.00	29.88	100.0	H	156.0

Test Report

EUT Information

EUT Name: Amazon Locker
 Order Number: 168307010 10
 Model: Amazon
 Test Mode: BT Link+GPRS Link+Normal Operation+LED on
 Test Voltage: AC 120V/60Hz
 Test By: Shower Dai
 Review By: Gary Chen
 Remark: 10m Chamber



Critical Freqs

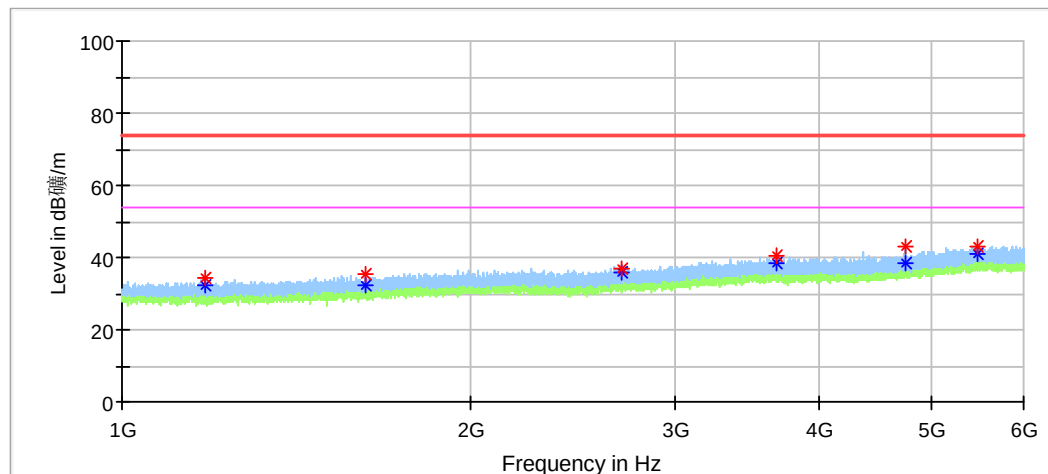
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin	Height (cm)	Pol	Azimuth (deg)
1462.916667	---	33.29	54.00	20.71	200.0	V	298.0
1462.916667	35.42	---	74.00	38.58	200.0	V	298.0
2037.916667	---	35.49	54.00	18.51	100.0	V	277.0
2037.916667	36.39	---	74.00	37.61	100.0	V	277.0
2764.583333	---	35.05	54.00	18.95	200.0	V	30.0
2764.791667	37.68	---	74.00	36.32	100.0	V	47.0
4103.125000	---	37.98	54.00	16.02	100.0	V	55.0
4104.166667	40.76	---	74.00	33.24	200.0	V	0.0
4784.375000	---	39.85	54.00	14.15	100.0	V	350.0
4784.375000	41.52	---	74.00	32.48	100.0	V	350.0
5661.041667	---	40.96	54.00	13.04	100.0	V	255.0
5661.041667	43.39	---	74.00	30.61	100.0	V	255.0

BT+GPRS+Normal Operating+LED on (Battery)

Test Report

EUT Information

EUT Name: Amazon Locker
 Order Number: 168307010 10
 Model: Amazon
 Test Mode: BT Link+GPRS Link+Normal Operation+LED on
 Test Voltage: Battery
 Test By: Shower Dai
 Review By: Gary Chen
 Remark: 10m Chamber



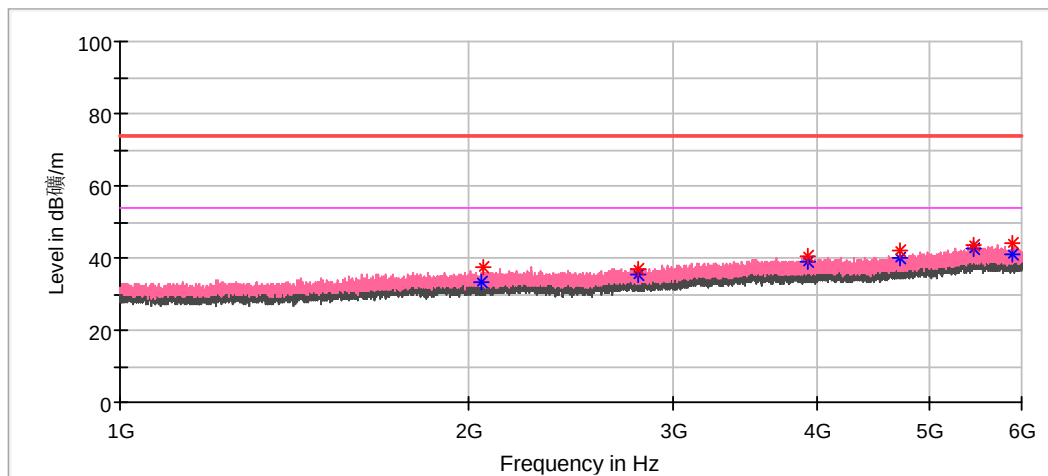
Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin	Height (cm)	Pol	Azimuth (deg)
1179.583333	---	32.08	54.00	21.92	200.0	H	0.0
1179.583333	34.30	---	74.00	39.70	200.0	H	0.0
1620.000000	35.35	---	74.00	38.65	200.0	H	122.0
1620.208333	---	32.12	54.00	21.88	200.0	H	310.0
2694.375000	---	35.88	54.00	18.12	200.0	H	358.0
2694.375000	37.06	---	74.00	36.94	200.0	H	358.0
3672.083333	---	38.29	54.00	15.71	200.0	H	8.0
3672.083333	40.65	---	74.00	33.35	200.0	H	8.0
4737.500000	42.96	---	74.00	31.04	200.0	H	318.0
4737.708333	---	38.66	54.00	15.34	200.0	H	318.0
5476.250000	---	41.09	54.00	12.91	100.0	H	272.0
5476.250000	42.93	---	74.00	31.07	100.0	H	272.0

Test Report

EUT Information

EUT Name: Amazon Locker
 Order Number: 168307010 10
 Model: Amazon
 Test Mode: BT Link+GPRS Link+Normal Operation+LED on
 Test Voltage: Battery
 Test By: Shower Dai
 Review By: Gary Chen
 Remark: 10m Chamber



Critical Freqs

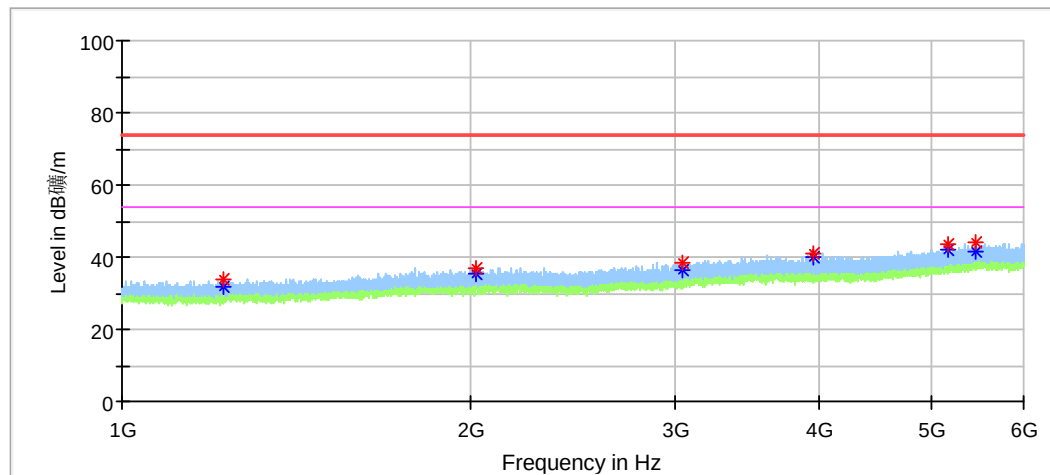
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin	Height (cm)	Pol	Azimuth (deg)
2054.166667	---	33.25	54.00	20.75	200.0	V	102.0
2054.583333	37.64	---	74.00	36.36	100.0	V	139.0
2798.750000	---	35.41	54.00	18.59	200.0	V	217.0
2798.750000	37.02	---	74.00	36.98	200.0	V	217.0
3917.083333	---	38.86	54.00	15.14	200.0	V	264.0
3917.083333	40.76	---	74.00	33.24	200.0	V	264.0
4703.541667	---	40.05	54.00	13.95	200.0	V	193.0
4703.541667	42.02	---	74.00	31.98	200.0	V	193.0
5453.333333	---	42.64	54.00	11.36	200.0	V	38.0
5453.333333	43.79	---	74.00	30.21	200.0	V	38.0
5895.833333	---	40.84	54.00	13.16	100.0	V	288.0
5895.833333	44.06	---	74.00	29.94	100.0	V	288.0

BT+EMTC+Normal Operating+LED on (AC power)

Test Report

EUT Information

EUT Name: Amazon Locker
 Order Number: 168307010 10
 Model: Amazon
 Test Mode: BT Link+EMTC Link+Normal Operation+LED on
 Test Voltage: AC 120V/60Hz
 Test By: Shower Dai
 Review By: Gary Chen
 Remark: 10m Chamber



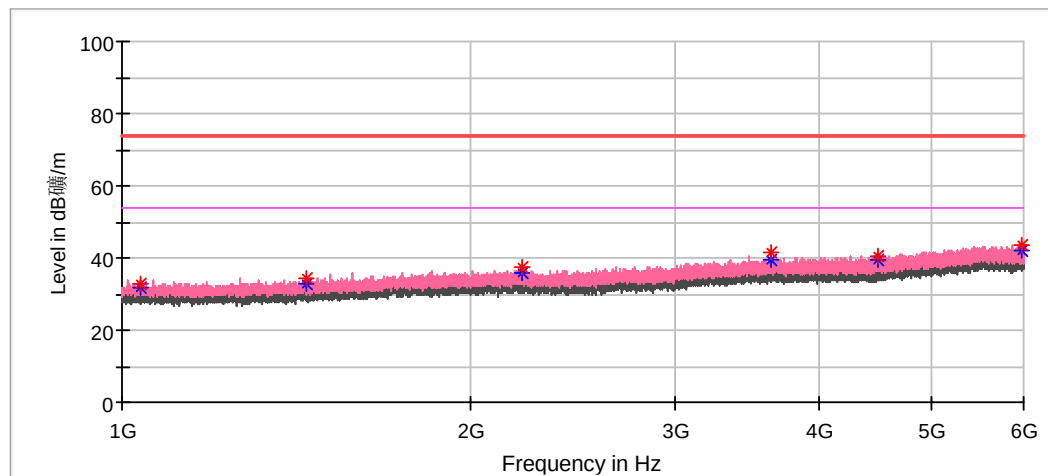
Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin	Height (cm)	Pol	Azimuth (deg)
1221.250000	---	31.64	54.00	22.36	200.0	H	281.0
1221.250000	33.60	---	74.00	40.40	200.0	H	281.0
2020.833333	---	35.54	54.00	18.46	100.0	H	79.0
2020.833333	36.67	---	74.00	37.33	100.0	H	79.0
3042.708333	---	36.47	54.00	17.53	100.0	H	55.0
3042.708333	38.70	---	74.00	35.30	100.0	H	55.0
3947.083333	---	40.12	54.00	13.88	100.0	H	358.0
3947.083333	41.07	---	74.00	32.93	100.0	H	358.0
5165.625000	---	42.12	54.00	11.88	100.0	H	246.0
5165.625000	43.38	---	74.00	30.62	100.0	H	246.0
5464.375000	---	41.52	54.00	12.48	200.0	H	321.0
5464.375000	43.97	---	74.00	30.03	200.0	H	321.0

Test Report

EUT Information

EUT Name: Amazon Locker
 Order Number: 168307010 10
 Model: Amazon
 Test Mode: BT Link+EMTC Link+Normal Operation+LED on
 Test Voltage: AC 120V/60Hz
 Test By: Shower Dai
 Review By: Gary Chen
 Remark: 10m Chamber



Critical Freqs

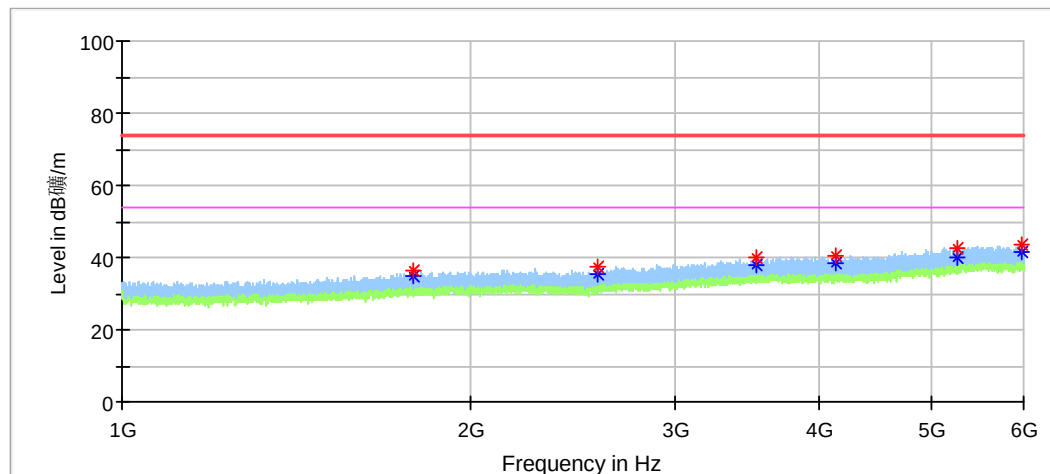
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin	Height (cm)	Pol	Azimuth (deg)
1038.750000	---	31.79	54.00	22.21	100.0	V	186.0
1038.750000	32.90	---	74.00	41.10	100.0	V	186.0
1442.708333	---	32.75	54.00	21.25	200.0	V	306.0
1442.708333	34.22	---	74.00	39.78	200.0	V	306.0
2213.958333	---	35.91	54.00	18.09	100.0	V	274.0
2213.958333	37.26	---	74.00	36.74	100.0	V	274.0
3630.833333	---	39.41	54.00	14.59	200.0	V	265.0
3630.833333	41.54	---	74.00	32.46	200.0	V	265.0
4487.083333	---	39.27	54.00	14.73	100.0	V	167.0
4487.083333	40.36	---	74.00	33.64	100.0	V	167.0
5985.833333	---	41.82	54.00	12.18	100.0	V	351.0
5985.833333	43.77	---	74.00	30.23	100.0	V	351.0

BT+EMTC+Normal Operating+LED on (Battery)

Test Report

EUT Information

EUT Name: Amazon Locker
 Order Number: 168307010 10
 Model: Amazon
 Test Mode: BT Link+EMTC Link+Normal Operation+LED on
 Test Voltage: Battery
 Test By: Shower Dai
 Review By: Gary Chen
 Remark: 10m Chamber



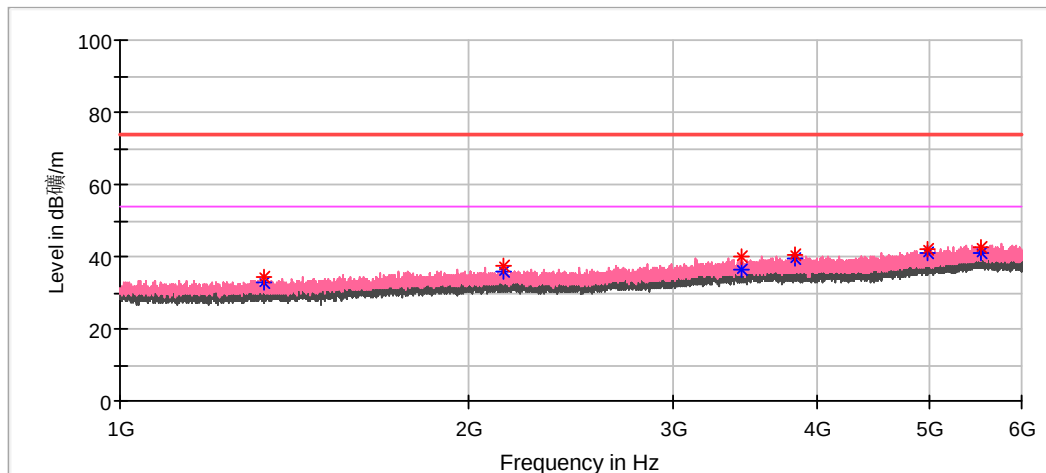
Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin	Height (cm)	Pol	Azimuth (deg)
1782.708333	---	35.09	54.00	18.91	200.0	H	59.0
1782.708333	36.54	---	74.00	37.46	200.0	H	59.0
2576.666667	---	35.43	54.00	18.57	200.0	H	100.0
2576.666667	37.18	---	74.00	36.82	200.0	H	100.0
3528.333333	---	38.20	54.00	15.80	100.0	H	288.0
3528.333333	39.90	---	74.00	34.10	100.0	H	288.0
4128.750000	---	38.50	54.00	15.50	100.0	H	28.0
4128.750000	40.47	---	74.00	33.53	100.0	H	28.0
5263.125000	---	39.87	54.00	14.13	100.0	H	74.0
5263.125000	42.58	---	74.00	31.42	100.0	H	74.0
5987.291667	---	41.43	54.00	12.57	200.0	H	330.0
5987.291667	43.50	---	74.00	30.50	200.0	H	330.0

Test Report

EUT Information

EUT Name: Amazon Locker
Order Number: 168307010 10
Model: Amazon
Test Mode: BT Link+EMTC Link+Normal Operation+LED on
Test Voltage: Battery
Test By: Shower Dai
Review By: Gary Chen
Remark: 10m Chamber



Critical_Freqs

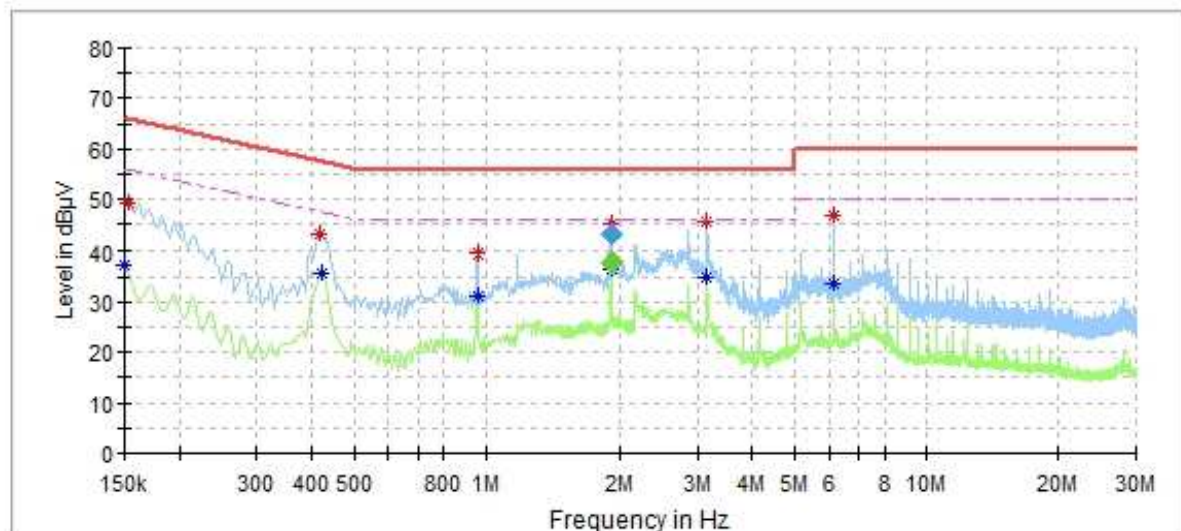
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin	Height (cm)	Pol	Azimuth (deg)
1328.750000	---	32.69	54.00	21.31	200.0	V	279.0
1328.750000	34.19	---	74.00	39.81	200.0	V	279.0
2144.375000	---	35.93	54.00	18.07	200.0	V	10.0
2144.375000	37.47	---	74.00	36.53	200.0	V	10.0
3433.541667	---	36.35	54.00	17.65	200.0	V	100.0
3433.541667	39.94	---	74.00	34.06	200.0	V	100.0
3821.250000	---	39.25	54.00	14.75	200.0	V	136.0
3821.250000	40.55	---	74.00	33.45	200.0	V	136.0
4981.041667	---	41.00	54.00	13.00	100.0	V	96.0
4981.041667	42.21	---	74.00	31.79	100.0	V	96.0
5535.625000	42.69	---	74.00	31.31	100.0	V	33.0
5536.041667	---	41.24	54.00	12.76	200.0	V	346.0

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

BT+NB+Normal Operating+LED on

EUT Information

EUT Name:	Amazon Locker
Order No.:	168307010
Model:	ZL-ODIN-V1
Test Mode:	BT Link+NB Link+Normal Operation+LED on
Test Voltage:	AC 120V/60Hz
Test By:	Shower Dai
Review By:	Gary Chen
Remark:	SR1



Critical_Freqs

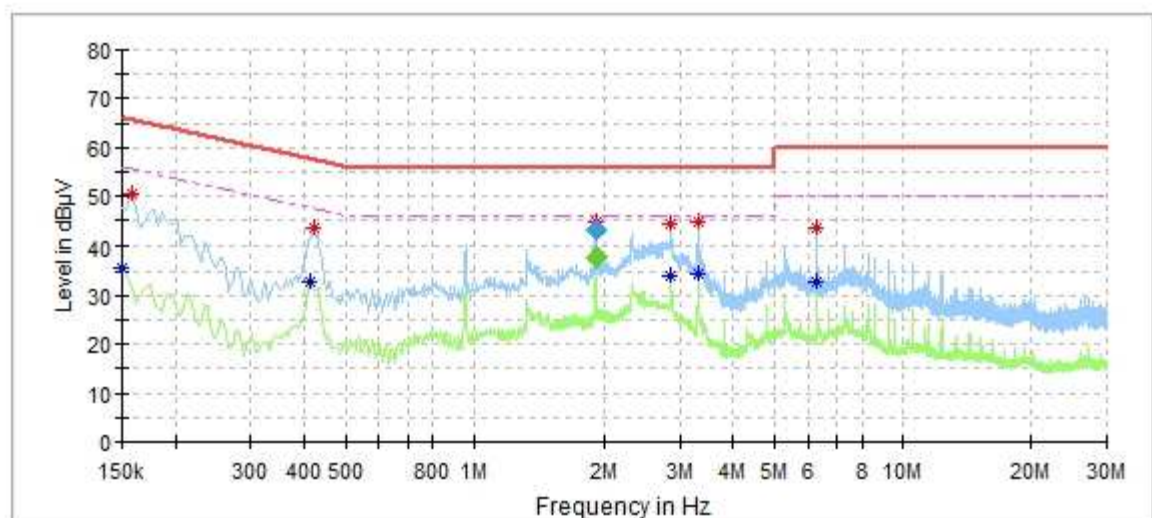
Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.150000	---	37.22	56.00	18.78	L1	10
0.154000	49.20	---	65.78	16.59	L1	10
0.418000	43.01	---	57.49	14.47	L1	10
0.422000	---	35.88	47.41	11.53	L1	10
0.956000	---	31.33	46.00	14.67	L1	10
0.956000	39.53	---	56.00	16.47	L1	10
1.910500	---	36.60	46.00	9.40	L1	10
1.910500	45.02	---	56.00	10.98	L1	10
3.156000	---	35.06	46.00	10.94	L1	10
3.156000	45.34	---	56.00	10.66	L1	10
6.120000	---	33.64	50.00	16.36	L1	10
6.120000	46.62	---	60.00	13.38	L1	10

Final_Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
1.910500	---	37.85	46.00	8.15	200.0	9.000	L1	10
1.910500	43.25	---	56.00	12.75	200.0	9.000	L1	10

EUT Information

EUT Name: Amazon Locker
Order No.: 168307010
Model: ZL-ODIN-V1
Test Mode: BT Link+NB Link+Normal Operation+LED on
Test Voltage: AC 120V/60Hz
Test By: Shower Dai
Review By: Gary Chen
Remark: SR1



Critical Freqs

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.150000	---	35.73	56.00	20.27	N	10
0.158000	50.64	---	65.57	14.93	N	10
0.414000	---	32.75	47.57	14.81	N	10
0.422000	43.35	---	57.41	14.06	N	10
1.910500	---	37.14	46.00	8.86	N	10
1.910500	44.70	---	56.00	11.30	N	10
2.864000	---	34.14	46.00	11.86	N	10
2.864000	44.24	---	56.00	11.76	N	10
3.304000	44.58	---	56.00	11.42	N	10
3.308000	---	34.40	46.00	11.60	N	10
6.280000	43.34	---	60.00	16.66	N	10
6.284000	---	32.71	50.00	17.29	N	10

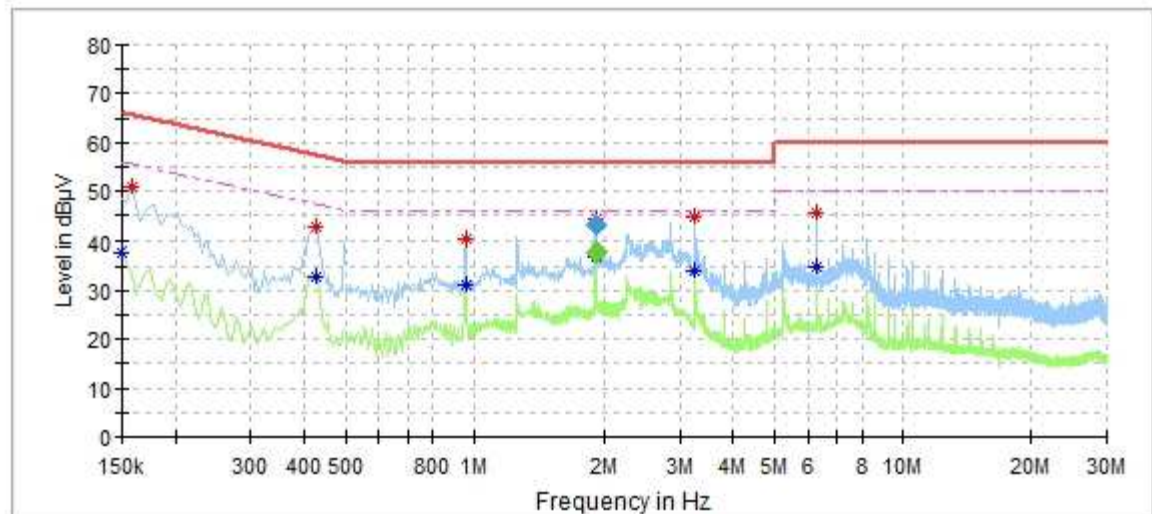
Final Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
1.910500	---	37.63	46.00	8.37	200.0	9.000	N	10
1.910500	43.26	---	56.00	12.74	200.0	9.000	N	10

BT+GPRS+Normal Operating+LED on

EUT Information

EUT Name: Amazon Locker
 Order No.: 168307010
 Model: ZL-ODIN-V1
 Test Mode: BT Link+GPRS Link+Normal Operation+LED on
 Test Voltage: AC 120V/60Hz
 Test By: Shower Dai
 Review By: Gary Chen
 Remark: SR1



Critical_Freqs

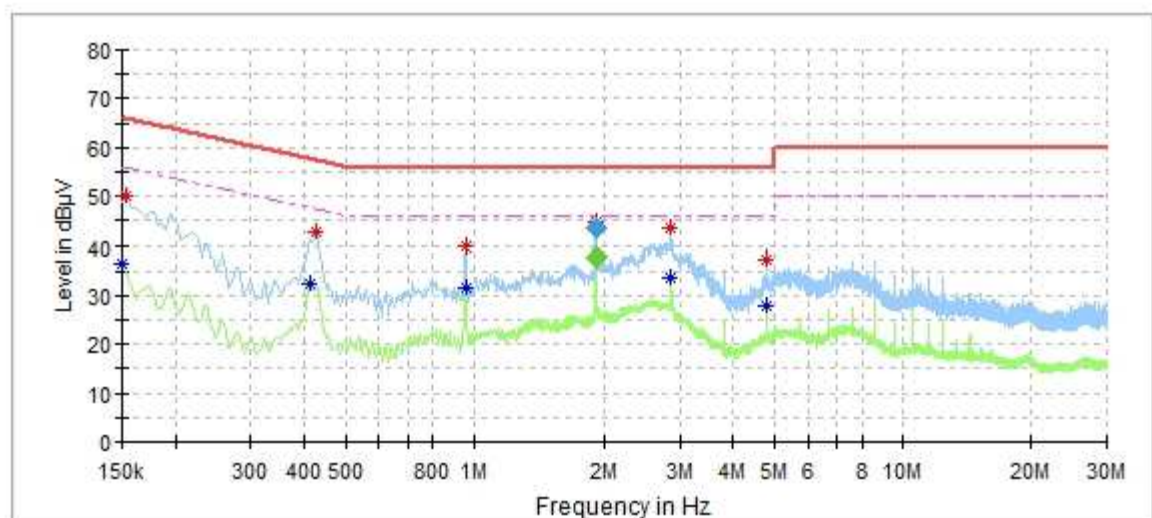
Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.150000	---	37.94	56.00	18.06	L1	10
0.158000	50.77	---	65.57	14.80	L1	10
0.426000	---	32.99	47.33	14.34	L1	10
0.426000	42.68	---	57.33	14.65	L1	10
0.956000	---	31.37	46.00	14.63	L1	10
0.956000	40.02	---	56.00	15.98	L1	10
1.910500	---	36.81	46.00	9.19	L1	10
1.910500	44.17	---	56.00	11.83	L1	10
3.252000	44.53	---	56.00	11.47	L1	10
3.256000	---	34.21	46.00	11.79	L1	10
6.252000	---	34.68	50.00	15.32	L1	10
6.252000	45.50	---	60.00	14.50	L1	10

Final_Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
1.910500	---	37.60	46.00	8.40	200.0	9.000	L1	10
1.910500	43.27	---	56.00	12.73	200.0	9.000	L1	10

EUT Information

EUT Name: Amazon Locker
Order No.: 168307010
Model: ZL-ODIN-V1
Test Mode: BT Link+GPRS Link+Normal Operation+LED on
Test Voltage: AC 120V/60Hz
Test By: Shower Dai
Review By: Gary Chen
Remark: SR1



Critical Freqs

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.150000	---	36.53	56.00	19.47	N	10
0.154000	50.01	---	65.78	15.77	N	10
0.414000	---	32.49	47.57	15.08	N	10
0.426000	42.47	---	57.33	14.86	N	10
0.956000	---	31.75	46.00	14.25	N	10
0.956000	39.90	---	56.00	16.10	N	10
1.910500	---	37.23	46.00	8.77	N	10
1.910500	44.83	---	56.00	11.17	N	10
2.864000	---	33.55	46.00	12.45	N	10
2.864000	43.68	---	56.00	12.32	N	10
4.776000	---	27.94	46.00	18.06	N	10
4.776000	37.38	---	56.00	18.62	N	10

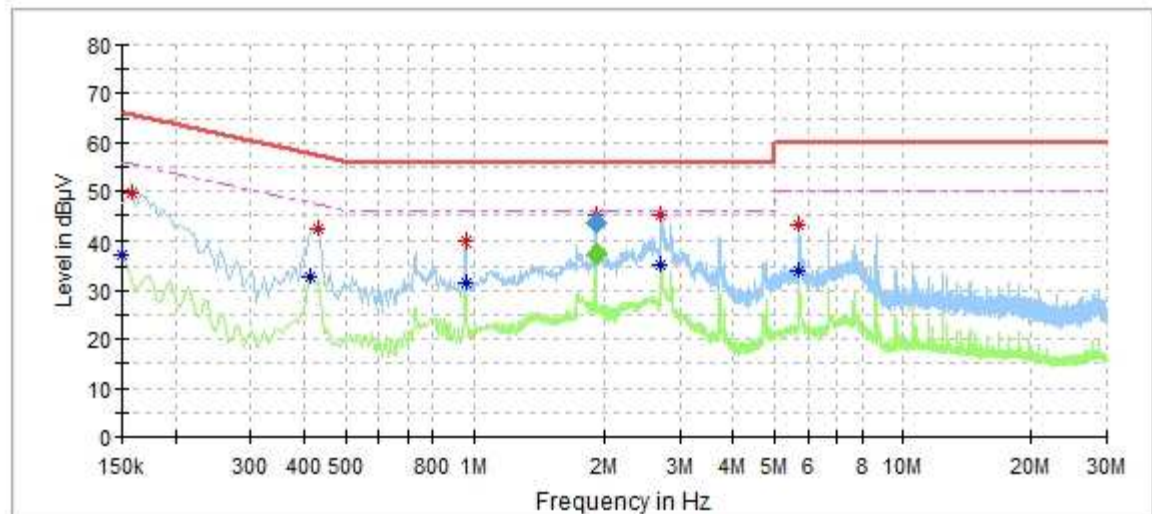
Final Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
1.910500	---	37.66	46.00	8.34	200.0	9.000	N	10
1.910500	43.29	---	56.00	12.71	200.0	9.000	N	10

BT+EMTC+Normal Operating+LED on

EUT Information

EUT Name: Amazon Locker
 Order No.: 168307010
 Model: ZL-ODIN-V1
 Test Mode: BT Link+EMTC Link+Normal Operation+LED on
 Test Voltage: AC 120V/60Hz
 Test By: Shower Dai
 Review By: Gary Chen
 Remark: SR1



Critical_Freqs

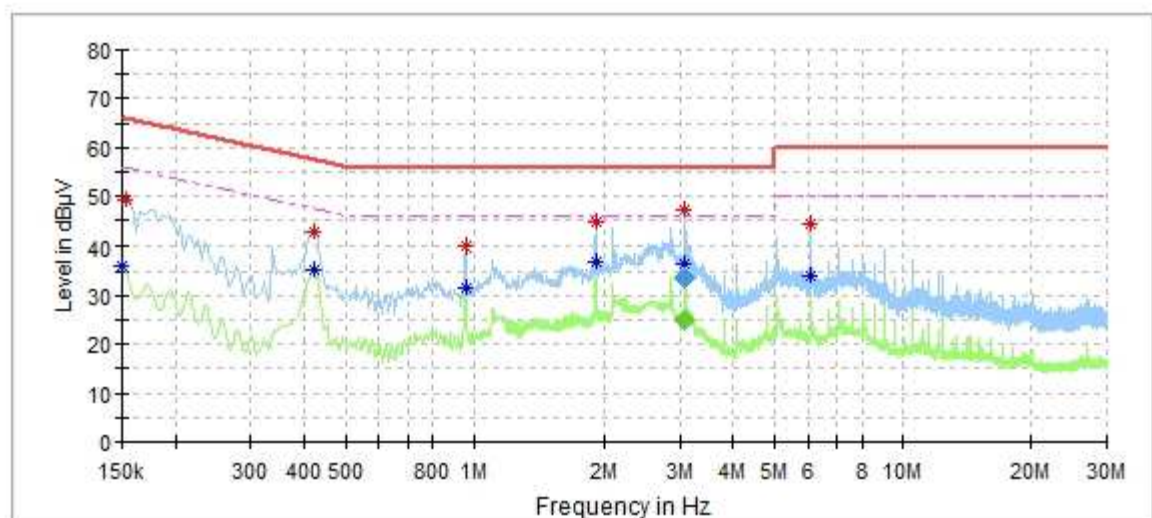
Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.150000	---	37.16	56.00	18.84	L1	10
0.158000	49.46	---	65.57	16.11	L1	10
0.414000	---	32.84	47.57	14.73	L1	10
0.430000	42.22	---	57.25	15.04	L1	10
0.956000	---	31.73	46.00	14.27	L1	10
0.956000	39.79	---	56.00	16.21	L1	10
1.910500	---	37.13	46.00	8.87	L1	10
1.910500	45.08	---	56.00	10.92	L1	10
2.712000	44.96	---	56.00	11.04	L1	10
2.716000	---	35.09	46.00	10.91	L1	10
5.700000	---	34.03	50.00	15.97	L1	10
5.700000	42.94	---	60.00	17.06	L1	10

Final_Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
1.910500	---	37.38	46.00	8.62	200.0	9.000	L1	10
1.910500	43.60	---	56.00	12.40	200.0	9.000	L1	10

EUT Information

EUT Name: Amazon Locker
Order No.: 168307010
Model: ZL-ODIN-V1
Test Mode: BT Link+EMTC Link+Normal Operation+LED on
Test Voltage: AC 120V/60Hz
Test By: Shower Dai
Review By: Gary Chen
Remark: SR1



Critical Freqs

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.150000	---	36.24	56.00	19.76	N	10
0.154000	49.41	---	65.78	16.38	N	10
0.422000	42.85	---	57.41	14.56	N	10
0.422000	---	35.44	47.41	11.97	N	10
0.956000	39.89	---	56.00	16.11	N	10
0.956000	---	31.57	46.00	14.43	N	10
1.912000	44.52	---	56.00	11.48	N	10
1.912000	---	36.85	46.00	9.15	N	10
3.066500	47.17	---	56.00	8.83	N	10
3.074500	---	36.61	46.00	9.39	N	10
6.076000	---	34.04	50.00	15.96	N	10
6.080000	44.42	---	60.00	15.58	N	10

Final Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
3.066500	33.52	---	56.00	22.48	200.0	9.000	N	10
3.074500	---	24.85	46.00	21.15	200.0	9.000	N	10