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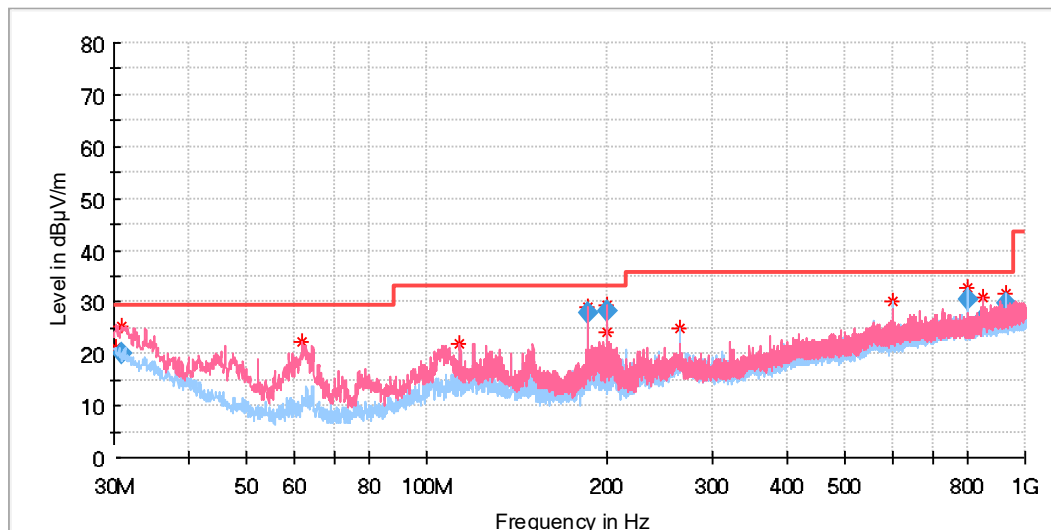
Appendix B.2: Test Plots of Radiated Emission, Below 1GHz

WIFI operation + HDMI(4K)+S/PDIF

Test Report

EUT Information

EUT Name:	RichMedia Box
Order Number:	168349178
Model:	ZXV10 B866V2F
Test Mode:	WIFI operation+HDMI(4K)+S/PDIF
Test Voltage:	AC 120V/60Hz
Test By:	Shower Dai
Review By:	Gary Chen
Remark:	Adapter Model:MN012E-L120100



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
30.161667	21.37	29.50	8.13	300.0	H	195.0	-9.7
30.840000	25.19	29.50	4.31	200.0	V	327.0	-5.0
61.848333	22.18	29.50	7.32	300.0	V	219.0	-16.7
113.635556	21.91	33.10	11.19	100.0	V	104.0	-10.0
185.455556	29.13	33.10	3.97	100.0	V	93.0	-12.5
199.965556	24.36	33.10	8.74	300.0	H	73.0	-18.2
200.005556	29.28	33.10	3.82	100.0	V	15.0	-12.1
263.985556	24.91	35.60	10.69	300.0	H	55.0	-13.0
599.982778	30.09	35.60	5.51	200.0	H	0.0	-6.9
799.978333	32.64	35.60	2.96	100.0	H	342.0	-4.4
852.550000	30.75	35.60	4.85	100.0	V	0.0	1.3
927.196111	31.67	35.60	3.93	100.0	H	107.0	-3.2

Final Result

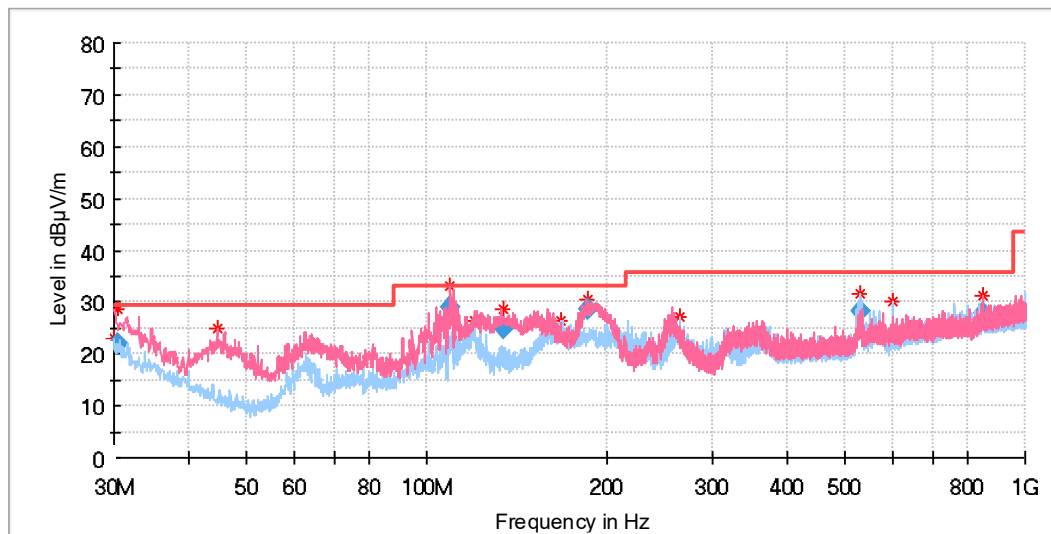
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
30.840000	20.23	29.50	9.27	1000.0	120.000	200.0	V	327.	-5.0
185.455556	27.90	33.10	5.20	1000.0	120.000	100.0	V	93.0	-12.5
200.005556	28.32	33.10	4.78	1000.0	120.000	100.0	V	15.0	-12.1
799.978333	30.69	35.60	4.91	1000.0	120.000	100.0	H	342.	-4.4
852.550000	26.75	35.60	8.85	1000.0	120.000	100.0	V	0.0	1.4
927.196111	29.95	35.60	5.65	1000.0	120.000	100.0	H	107.	-3.2

WIFI operation + AV+S/PDIF

Test Report

EUT Information

EUT Name: RichMedia Box
 Order Number: 168349178
 Model: ZXV10 B866V2F
 Test Mode: WIFI operation+AV+S/PDIF
 Test Voltage: AC 120V/60Hz
 Test By: Shower Dai
 Review By: Gary Chen
 Remark: Adapter Model:MN012E-L120100



Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
30.000000	23.24	29.50	6.26	100.0	H	108.0	-9.6
30.360000	28.54	29.50	0.96	200.0	V	83.0	-4.5
44.603889	24.96	29.50	4.54	100.0	V	57.0	-12.5
109.526111	33.14	33.10	-0.04	100.0	V	174.0	-10.4
119.832778	26.34	33.10	6.76	300.0	H	198.0	-15.5
134.602222	28.74	33.10	4.36	100.0	V	164.0	-10.5
167.955556	26.31	33.10	6.79	300.0	H	10.0	-17.9
185.835000	30.44	33.10	2.66	100.0	V	184.0	-12.5
263.985556	27.19	35.60	8.41	300.0	H	69.0	-13.0
529.800556	31.68	35.60	3.92	100.0	H	285.0	-8.5
599.982778	30.31	35.60	5.29	100.0	H	47.0	-6.9
851.550000	31.32	35.60	4.28	100.0	V	332.0	1.3

Final Result

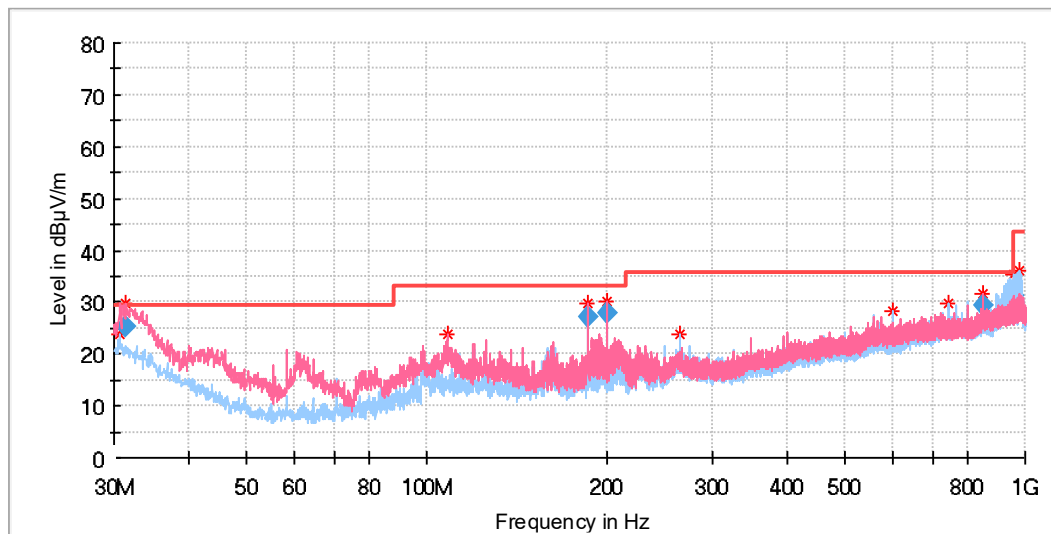
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
30.360000	21.85	29.50	7.65	1000.0	120.000	200.0	V	83.0	-4.7
109.526111	28.91	33.10	4.19	1000.0	120.000	100.0	V	174.0	-10.4
134.602222	24.81	33.10	8.29	1000.0	120.000	100.0	V	164.0	-10.5
185.835000	28.72	33.10	4.38	1000.0	120.000	100.0	V	184.0	-12.5
529.800556	28.35	35.60	7.25	1000.0	120.000	100.0	H	285.0	-8.5
851.550000	27.95	35.60	7.65	1000.0	120.000	100.0	V	332.0	1.3

RJ45 operation + HDMI(4K)+S/PDIF

Test Report

EUT Information

EUT Name: RichMedia Box
 Order Number: 168349178
 Model: ZXV10 B866V2F
 Test Mode: RJ45 operation+HDMI(4K)+S/PDIF
 Test Voltage: AC 120V/60Hz
 Test By: Shower Dai
 Review By: Gary Chen
 Remark: Adapter Model:RD1201000-C55-35MGD



Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
30.700556	23.81	29.50	5.69	300.0	H	150.0	-10.0
31.455000	29.72	29.50	-0.22	200.0	V	63.0	-5.3
108.138889	23.92	33.10	9.18	100.0	V	110.0	-10.5
185.455556	29.72	33.10	3.38	100.0	V	160.0	-12.5
200.005556	30.32	33.10	2.78	100.0	V	45.0	-12.1
263.985556	23.81	35.60	11.79	300.0	H	78.0	-13.0
600.036667	28.12	35.60	7.48	200.0	H	166.0	-6.9
741.764444	29.83	35.60	5.77	100.0	H	228.0	-4.7
851.550000	31.46	35.60	4.14	300.0	V	52.0	1.3
956.188333	31.28	35.60	4.32	200.0	V	19.0	2.8
956.202222	35.47	35.60	0.13	100.0	H	314.0	-2.8
979.737778	36.02	43.50	7.48	300.0	H	46.0	-2.4

Final Result

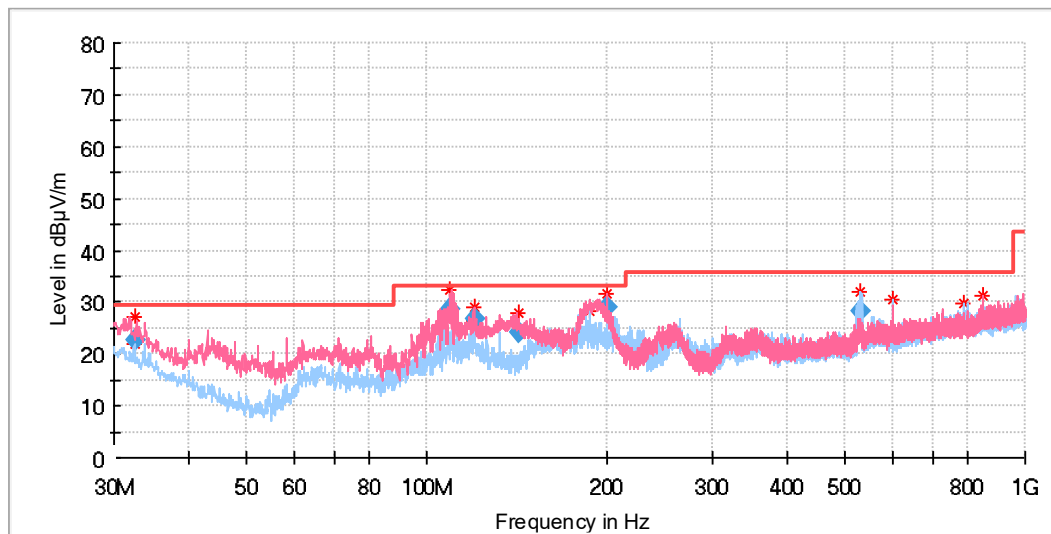
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
31.455000	25.24	29.50	4.26	1000.0	120.000	200.0	V	63.0	-5.3
185.455556	27.33	33.10	5.77	1000.0	120.000	100.0	V	160.	-12.5
200.005556	27.92	33.10	5.18	1000.0	120.000	100.0	V	45.0	-12.1
851.550000	29.23	35.60	6.37	1000.0	120.000	300.0	V	52.0	1.3
956.188333	27.41	35.60	8.19	1000.0	120.000	200.0	V	19.0	2.8
956.202222	31.37	35.60	4.23	1000.0	120.000	100.0	H	314.	-2.8

RJ45 operation + AV+S/PDIF

Test Report

EUT Information

EUT Name: RichMedia Box
 Order Number: 168349178
 Model: ZXV10 B866V2F
 Test Mode: RJ45 operation+AV+S/PDIF
 Test Voltage: AC 120V/60Hz
 Test By: Shower Dai
 Review By: Gary Chen
 Remark: Adapter Model:RD1201000-C55-35MGD



Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
32.425000	21.77	29.50	7.73	300.0	H	22.0	-11.1
32.592222	27.26	29.50	2.24	100.0	V	230.0	-5.5
109.517222	32.45	33.10	0.65	100.0	V	154.0	-10.3
119.778889	28.90	33.10	4.20	100.0	V	342.0	-9.9
119.832778	26.35	33.10	6.75	300.0	H	196.0	-15.5
142.386667	27.98	33.10	5.12	100.0	V	99.0	-10.8
187.463333	28.41	33.10	4.69	300.0	H	0.0	-18.6
199.965556	31.55	33.10	1.55	200.0	V	178.0	-12.1
530.165556	32.05	35.60	3.55	200.0	H	291.0	-8.5
599.982778	30.44	35.60	5.16	200.0	H	174.0	-6.9
790.210556	29.66	35.60	5.94	100.0	H	54.0	-4.5
851.590000	31.22	35.60	4.38	200.0	V	68.0	1.3

Final Result

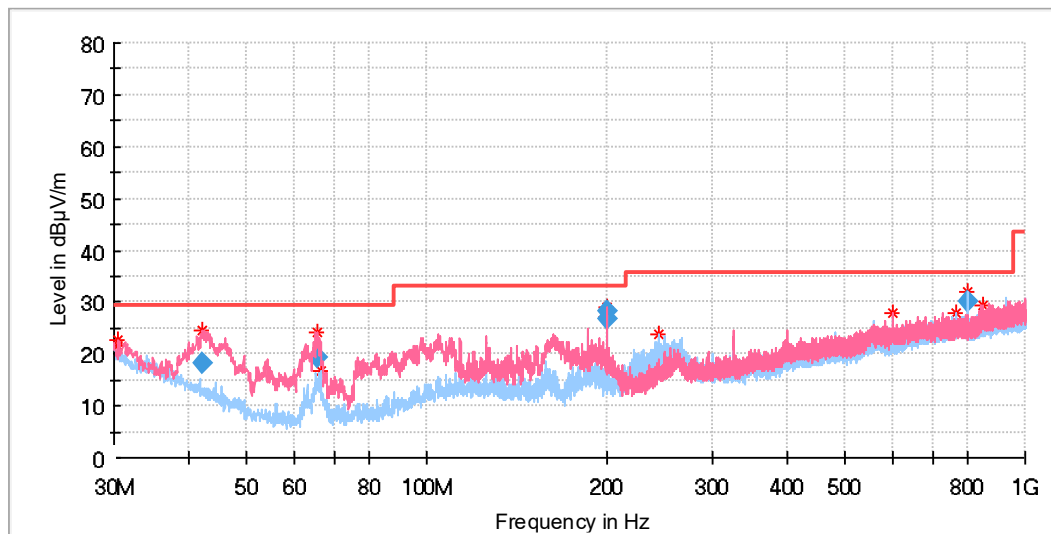
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
32.592222	22.84	29.50	6.66	1000.0	120.000	100.0	V	230.	-5.9
109.517222	28.69	33.10	4.41	1000.0	120.000	100.0	V	154.	-10.4
119.778889	26.95	33.10	6.15	1000.0	120.000	100.0	V	342.	-9.9
142.386667	24.16	33.10	8.94	1000.0	120.000	100.0	V	99.0	-10.9
199.965556	28.95	33.10	4.15	1000.0	120.000	200.0	V	178.	-12.1
530.165556	28.19	35.60	7.41	1000.0	120.000	200.0	H	291.	-8.5
851.590000	26.52	35.60	9.08	1000.0	120.000	200.0	V	68.0	1.3

USB Playing + HDMI(4K)+S/PDIF

Test Report

EUT Information

EUT Name: RichMedia Box
 Order Number: 168349178
 Model: ZXV10 B866V2F
 Test Mode: USB Playing+HDMI(4K)+S/PDIF
 Test Voltage: AC 120V/60Hz
 Test By: Shower Dai
 Review By: Gary Chen
 Remark: Adapter Model:KL-VA120100-B



Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
30.485000	21.51	29.50	7.99	200.0	H	143.0	-9.9
30.538889	22.65	29.50	6.85	100.0	V	0.0	-4.8
42.058889	24.48	29.50	5.02	200.0	V	158.0	-11.1
65.606667	24.00	29.50	5.50	300.0	V	303.0	-16.8
66.482778	16.68	29.50	12.82	300.0	H	296.0	-22.1
199.979444	27.14	33.10	5.96	300.0	H	26.0	-18.2
200.005556	29.18	33.10	3.92	100.0	V	14.0	-12.1
244.693333	23.97	35.60	11.63	300.0	H	350.0	-15.5
599.982778	27.94	35.60	7.66	100.0	V	331.0	-1.1
766.553333	28.00	35.60	7.60	300.0	H	53.0	-4.4
800.458333	32.15	35.60	3.45	100.0	H	358.0	-4.4
851.590000	29.53	35.60	6.07	300.0	V	39.0	1.3

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)
42.058889	18.38	29.50	11.12	1000.0	120.000	200.0	V	158.	-11.0
65.606667	19.37	29.50	10.13	1000.0	120.000	300.0	V	303.	-16.8
199.979444	26.62	33.10	6.48	1000.0	120.000	300.0	H	26.0	-18.2
200.005556	28.15	33.10	4.95	1000.0	120.000	100.0	V	14.0	-12.1
800.458333	30.15	35.60	5.45	1000.0	120.000	100.0	H	358.	-4.4