

Appendix B: Test Results of FCC 15B

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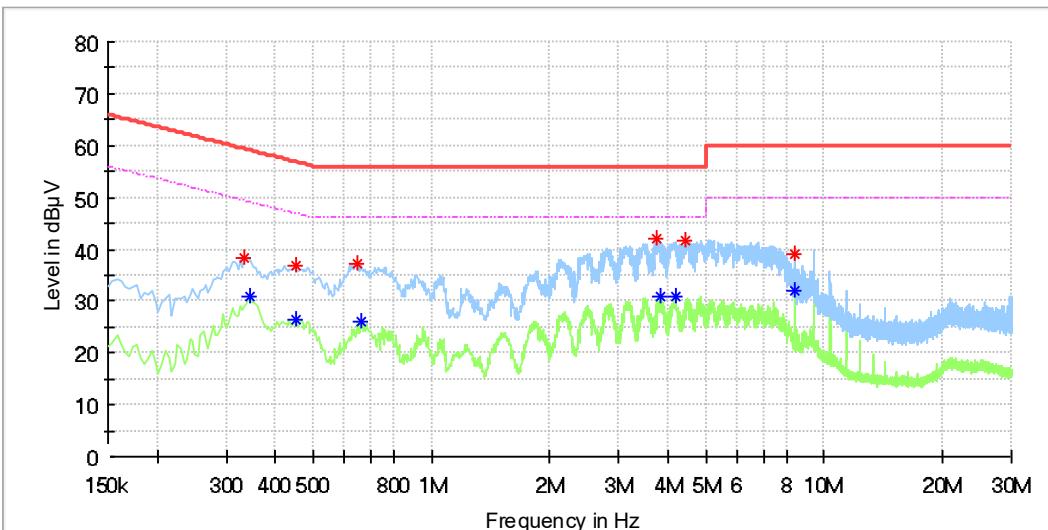
Appendix B.1: Test Plots of Conducted Emission on AC Mains

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

Test Report

EUT Information

EUT Name: RichMedia Box
Order No: 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:KL-VA120100-B



Critical Freqs

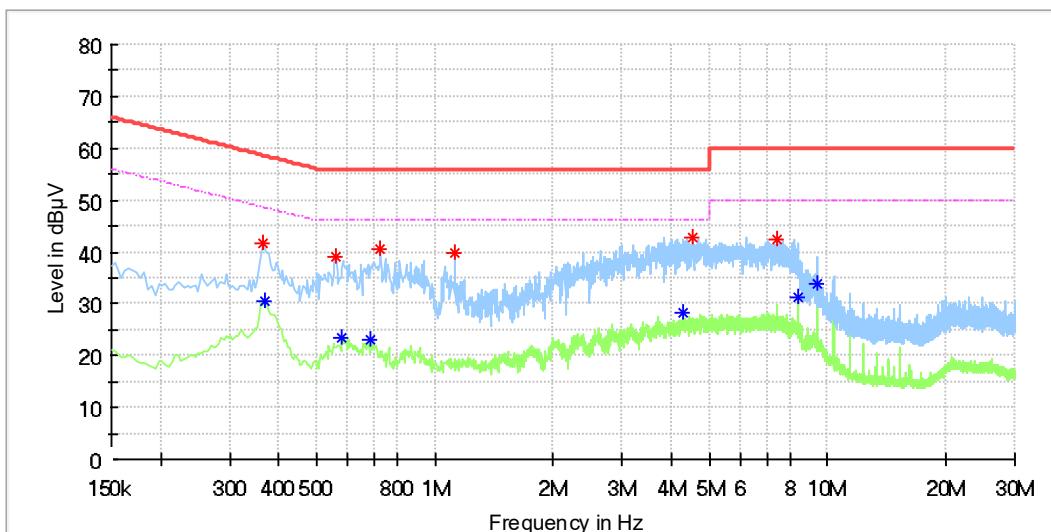
Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.334000	38.32	---	59.35	21.03	L1	9.7
0.346000	---	31.00	49.06	18.06	L1	9.7
0.450000	---	26.37	46.88	20.51	L1	9.7
0.450000	36.85	---	56.88	20.03	L1	9.7
0.644000	37.33	---	56.00	18.67	L1	9.7
0.660000	---	26.10	46.00	19.90	L1	9.7
3.752000	42.18	---	56.00	13.82	L1	9.9
3.848000	---	30.84	46.00	15.16	L1	9.9
4.172000	---	30.93	46.00	15.07	L1	9.9
4.444000	41.81	---	56.00	14.19	L1	9.9
8.388000	---	32.14	50.00	17.86	L1	10.0
8.388000	39.15	---	60.00	20.85	L1	10.0

Final Result

Test Report

EUT Information

EUT Name: RichMedia Box
Order No: 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:KL-VA120100-B



Critical Freqs

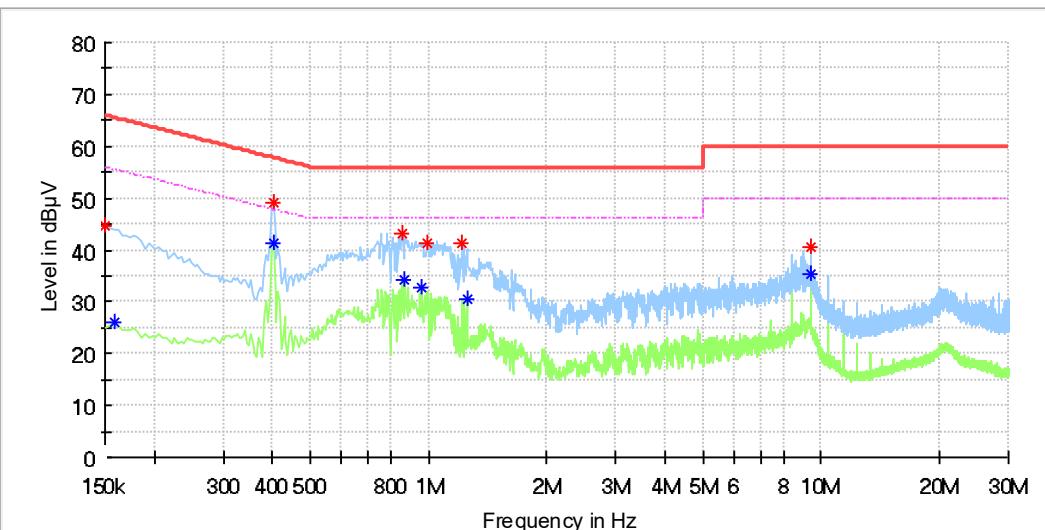
Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.366000	41.70	---	58.59	16.89	N	9.7
0.370000	---	30.55	48.50	17.95	N	9.7
0.560000	39.04	---	56.00	16.96	N	9.7
0.580000	---	23.32	46.00	22.68	N	9.7
0.688000	---	22.94	46.00	23.06	N	9.7
0.728000	40.49	---	56.00	15.51	N	9.7
1.124000	39.73	---	56.00	16.27	N	9.7
4.284000	---	28.34	46.00	17.66	N	9.9
4.532000	42.76	---	56.00	13.24	N	10.0
7.404000	42.41	---	60.00	17.59	N	10.0
8.392000	---	31.10	50.00	18.90	N	10.0
9.376000	---	33.72	50.00	16.28	N	10.0

Final Result

Test Report

EUT Information

EUT Name: RichMedia Box
Order No: 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

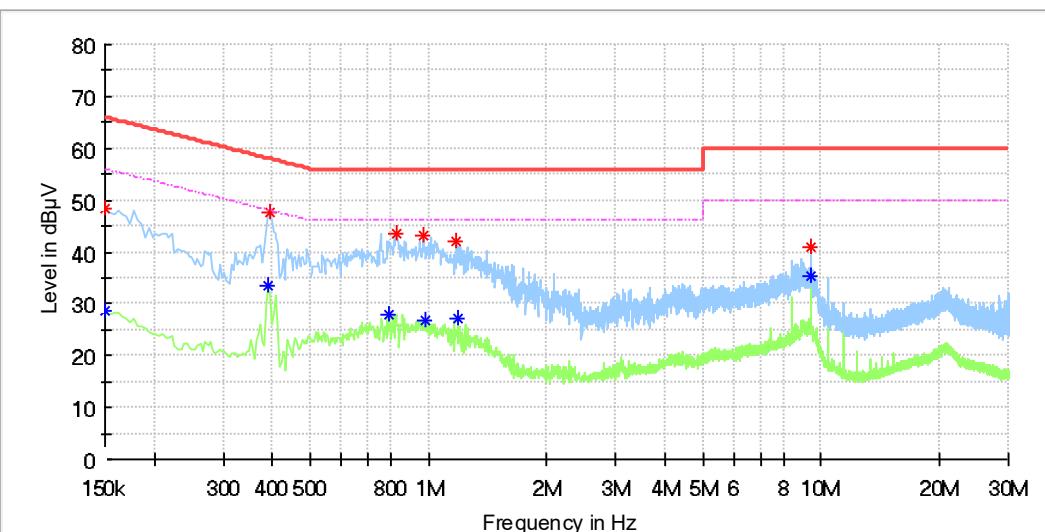
Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.150000	44.49	---	66.00	21.51	L1	9.6
0.158000	---	26.09	55.57	29.47	L1	9.6
0.402000	49.22	---	57.81	8.59	L1	9.7
0.402000	---	41.28	47.81	6.53	L1	9.7
0.860000	43.23	---	56.00	12.77	L1	9.7
0.872000	---	34.07	46.00	11.93	L1	9.7
0.964000	---	32.77	46.00	13.23	L1	9.7
0.996000	41.45	---	56.00	14.55	L1	9.7
1.216000	41.26	---	56.00	14.74	L1	9.7
1.252000	---	30.40	46.00	15.60	L1	9.7
9.384000	40.48	---	60.00	19.52	L1	10.0
9.384000	---	35.52	50.00	14.48	L1	10.0

Final Result

Test Report

EUT Information

EUT Name: RichMedia Box
Order No: 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

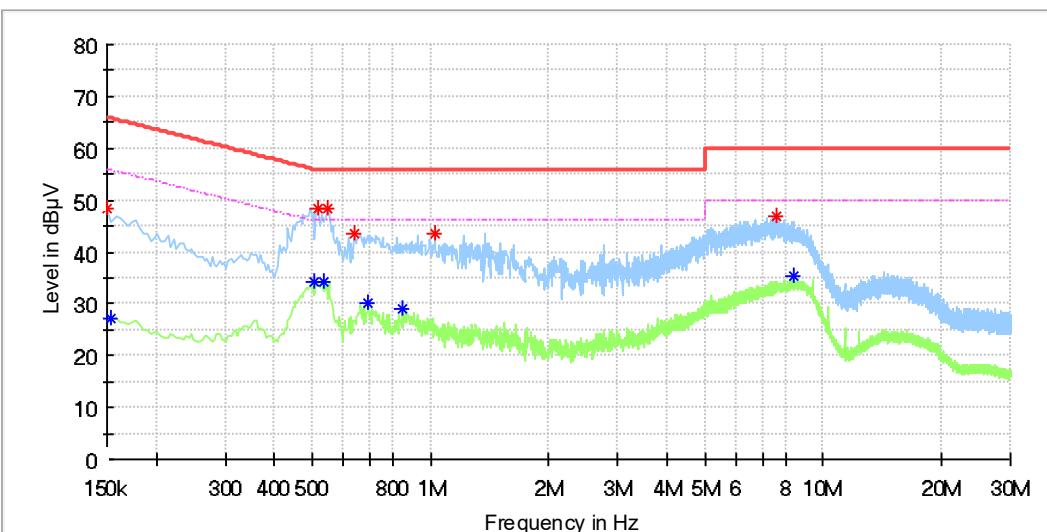
Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.150000	48.47	—	66.00	17.53	N	9.6
0.150000	—	28.58	56.00	27.42	N	9.6
0.390000	—	33.45	48.06	14.62	N	9.7
0.394000	47.74	—	57.98	10.24	N	9.7
0.796000	—	28.07	46.00	17.93	N	9.7
0.828000	43.66	—	56.00	12.34	N	9.7
0.972000	43.16	—	56.00	12.84	N	9.7
0.980000	—	26.92	46.00	19.08	N	9.7
1.180000	42.17	—	56.00	13.83	N	9.7
1.188000	—	27.31	46.00	18.69	N	9.7
9.388000	—	35.23	50.00	14.77	N	10.0
9.388000	40.79	—	60.00	19.21	N	10.0

Final Result

Test Report

EUT Information

EUT Name: RichMedia Box
Order No: 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:RD1201000-C55-35MGD



Critical Freqs

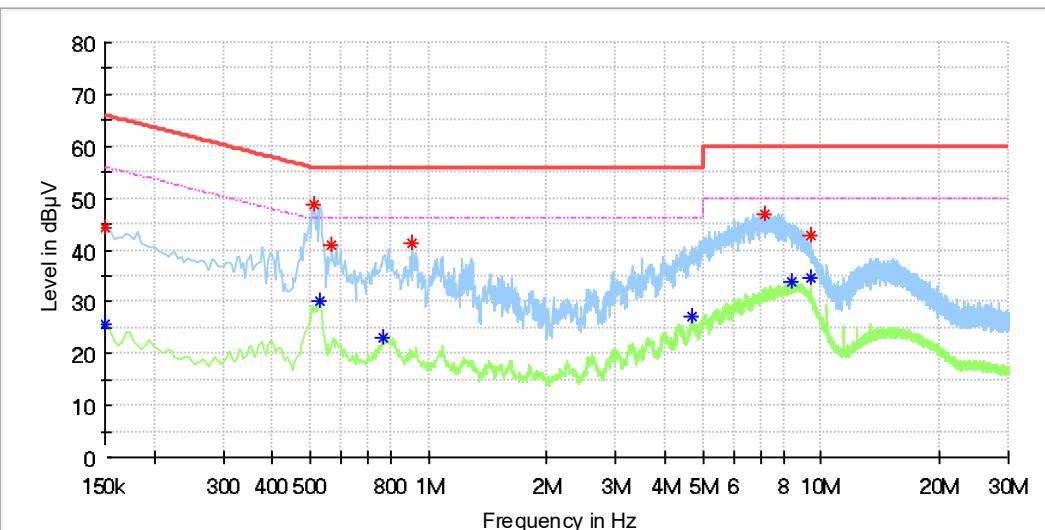
Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.150000	48.54	---	66.00	17.46	L1	9.6
0.154000	---	27.27	55.78	28.51	L1	9.6
0.504000	---	34.24	46.00	11.76	L1	9.7
0.516000	48.40	---	56.00	7.60	L1	9.7
0.536000	---	34.14	46.00	11.86	L1	9.7
0.544000	48.36	---	56.00	7.64	L1	9.7
0.640000	43.69	---	56.00	12.31	L1	9.7
0.696000	---	29.95	46.00	16.05	L1	9.7
0.848000	---	28.85	46.00	17.15	L1	9.7
1.028000	43.65	---	56.00	12.35	L1	9.7
7.620000	46.79	---	60.00	13.21	L1	10.0
8.384000	---	35.32	50.00	14.68	L1	10.0

Final Result

Test Report

EUT Information

EUT Name: RichMedia Box
Order No: 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:RD1201000-C55-35MGD



Critical Freqs

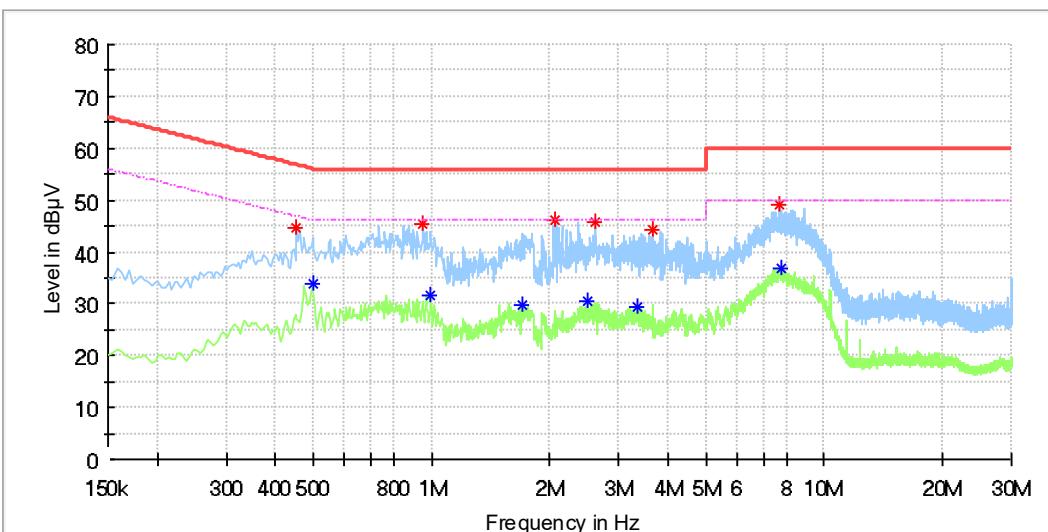
Frequency (MHz)	MaxPeak (dB μ V)	Average (dB μ V)	Limit (dB μ V)	Margin (dB)	Line	Corr. (dB)
0.150000	—	25.52	56.00	30.48	N	9.6
0.150000	44.40	—	66.00	21.60	N	9.6
0.512000	48.85	—	56.00	7.15	N	9.7
0.528000	—	30.10	46.00	15.90	N	9.7
0.568000	41.09	—	56.00	14.91	N	9.7
0.764000	—	22.98	46.00	23.02	N	9.7
0.912000	41.22	—	56.00	14.78	N	9.7
4.696000	—	27.12	46.00	18.88	N	10.0
7.204000	47.05	—	60.00	12.95	N	10.0
8.388000	—	33.74	50.00	16.26	N	10.0
9.372000	42.92	—	60.00	17.08	N	10.0
9.372000	—	34.44	50.00	15.56	N	10.0

Final Result

Test Report

EUT Information

EUT Name: RichMedia Box
Order No: 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:UWP-12W-1210S



Critical Freqs

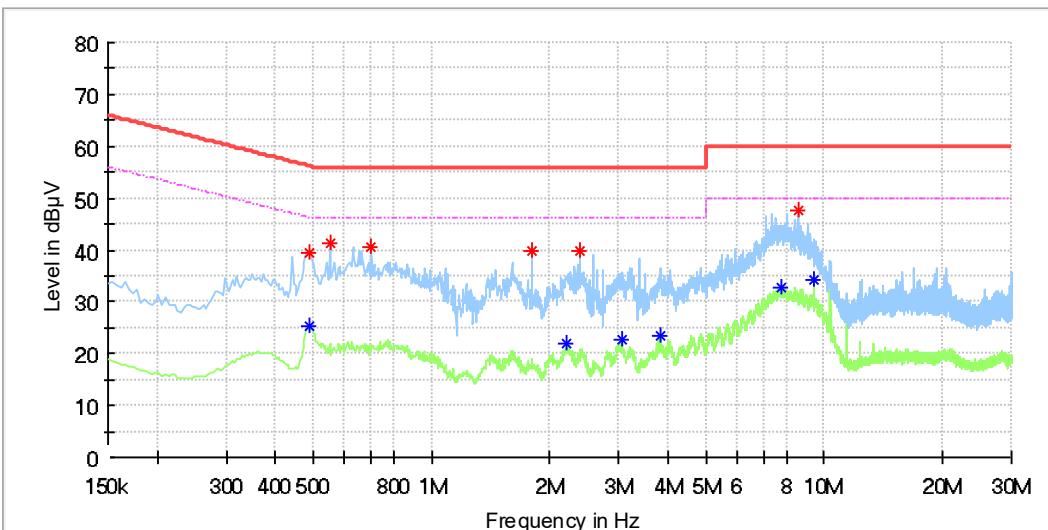
Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.454000	44.78	---	56.80	12.03	L1	9.7
0.498000	---	33.86	46.03	12.17	L1	9.7
0.952000	45.37	---	56.00	10.63	L1	9.7
0.996000	---	31.71	46.00	14.29	L1	9.7
1.708000	---	29.80	46.00	16.20	L1	9.8
2.072000	46.30	---	56.00	9.70	L1	9.8
2.488000	---	30.43	46.00	15.57	L1	9.9
2.604000	45.83	---	56.00	10.17	L1	9.9
3.348000	---	29.50	46.00	16.50	L1	9.9
3.656000	44.34	---	56.00	11.66	L1	9.9
7.728000	49.13	---	60.00	10.87	L1	10.0
7.748000	---	36.70	50.00	13.30	L1	10.0

Final Result

Test Report

EUT Information

EUT Name: RichMedia Box
Order No: 168349178
Model: ZXV10 B866V2F
Test Mode: WIFI operation+HDMI(4K)+S/PDIF
Test Voltage: AC 120V/60Hz
Test By: ShowerDai
Review By: Gary Chen
Remark: Adapter Model:UWP-12W-1210S



Critical Freqs

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.490000	—	25.14	46.17	21.03	N	9.7
0.490000	39.59	—	56.17	16.57	N	9.7
0.552000	41.31	—	56.00	14.69	N	9.7
0.704000	40.67	—	56.00	15.33	N	9.7
1.804000	39.69	—	56.00	16.31	N	9.7
2.216000	—	21.78	46.00	24.22	N	9.8
2.392000	39.96	—	56.00	16.04	N	9.8
3.044000	—	22.71	46.00	23.29	N	9.9
3.808000	—	23.49	46.00	22.51	N	9.9
7.736000	—	32.69	50.00	17.31	N	10.0
8.560000	47.54	—	60.00	12.46	N	10.0
9.372000	—	34.23	50.00	15.77	N	10.0

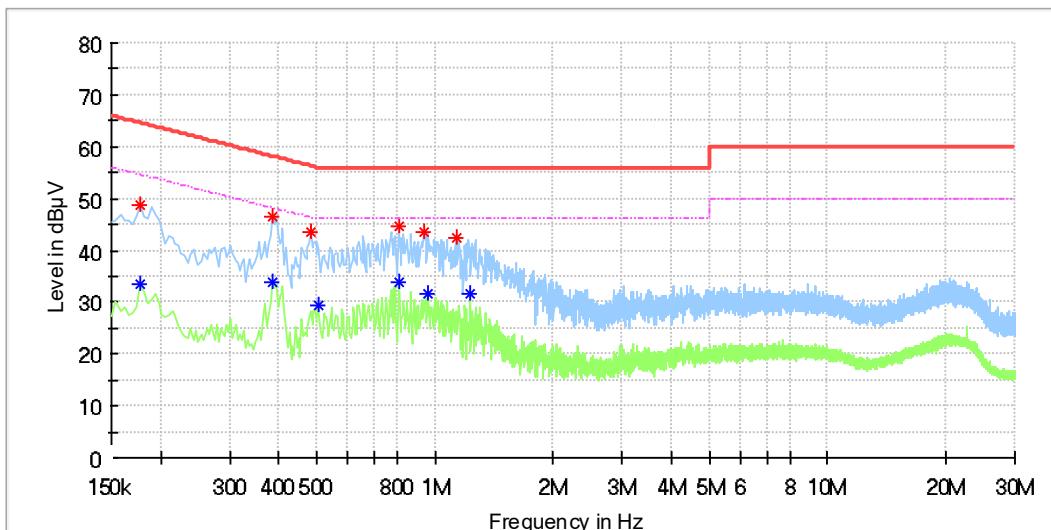
Final Result

WIFI operation + AV+S/PDIF

Test Report

EUT Information

EUT Name: RichMedia Box
Order No: 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

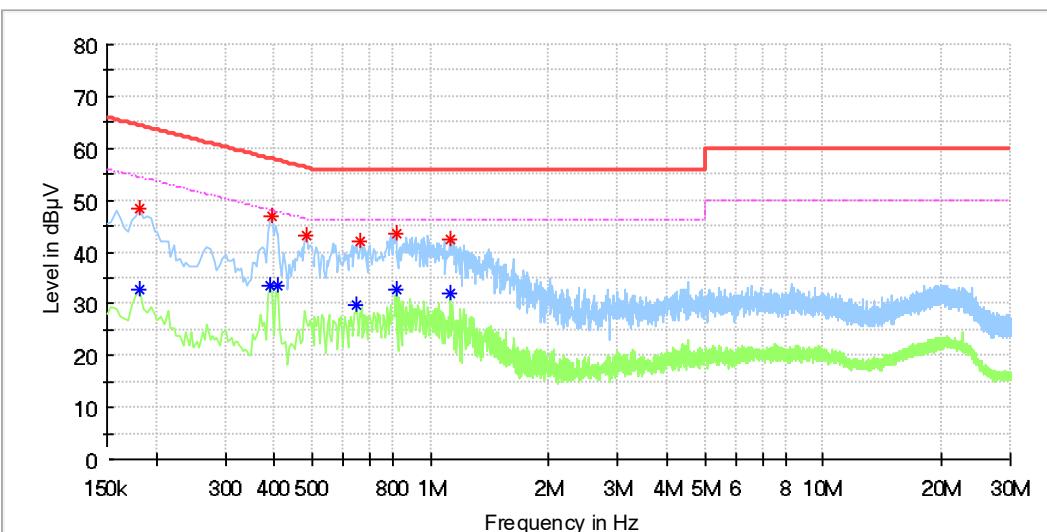
Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.178000	--	33.61	54.58	20.97	L1	9.6
0.178000	48.73	--	64.58	15.85	L1	9.6
0.386000	--	34.00	48.15	14.15	L1	9.7
0.386000	46.62	--	58.15	11.53	L1	9.7
0.482000	43.67	--	56.31	12.64	L1	9.7
0.504000	--	29.42	46.00	16.58	L1	9.7
0.808000	--	33.70	46.00	12.30	L1	9.7
0.808000	44.53	--	56.00	11.47	L1	9.7
0.936000	43.58	--	56.00	12.42	L1	9.7
0.964000	--	31.64	46.00	14.36	L1	9.7
1.132000	42.60	--	56.00	13.40	L1	9.7
1.228000	--	31.50	46.00	14.50	L1	9.7

Final Result

Test Report

EUT Information

EUT Name: RichMedia Box
Order No: 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)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.182000	--	32.83	54.39	21.57	N	9.6
0.182000	48.56	--	64.39	15.84	N	9.6
0.390000	--	33.65	48.06	14.41	N	9.7
0.394000	46.98	--	57.98	11.00	N	9.7
0.410000	--	33.32	47.65	14.32	N	9.7
0.482000	43.24	--	56.31	13.06	N	9.7
0.648000	--	29.78	46.00	16.22	N	9.7
0.664000	42.03	--	56.00	13.97	N	9.7
0.820000	--	32.87	46.00	13.13	N	9.7
0.820000	43.43	--	56.00	12.57	N	9.7
1.120000	42.35	--	56.00	13.65	N	9.7
1.124000	--	31.96	46.00	14.04	N	9.7

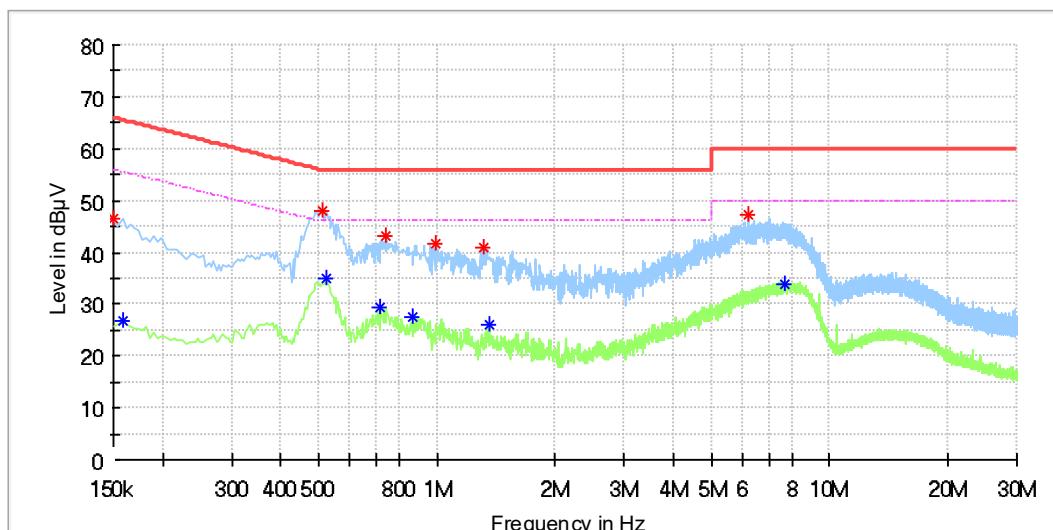
Final Result

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

Test Report

EUT Information

EUT Name: RichMedia Box
Order No: 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 Freas

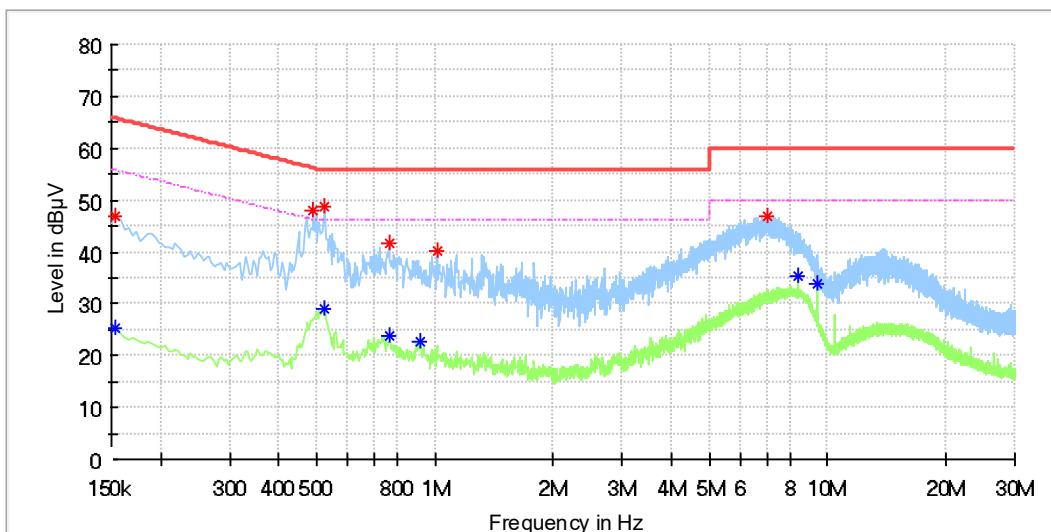
Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.150000	46.63	---	66.00	19.37	L1	9.6
0.158000	—	26.73	55.57	28.84	L1	9.6
0.512000	48.14	---	56.00	7.86	L1	9.7
0.524000	—	35.03	46.00	10.97	L1	9.7
0.720000	—	29.53	46.00	16.47	L1	9.7
0.744000	43.08	—	56.00	12.92	L1	9.7
0.872000	—	27.71	46.00	18.29	L1	9.7
0.996000	41.53	---	56.00	14.47	L1	9.7
1.316000	41.11	—	56.00	14.89	L1	9.7
1.360000	—	26.13	46.00	19.87	L1	9.7
6.204000	47.23	—	60.00	12.77	L1	10.0
7.700000	—	33.82	50.00	16.18	L1	10.0

Final Result

Test Report

EUT Information

EUT Name: RichMedia Box
Order No: 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)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.154000	46.98	---	65.78	18.80	N	9.6
0.154000	---	25.13	55.78	30.66	N	9.6
0.490000	48.18	---	56.17	7.99	N	9.7
0.524000	---	29.00	46.00	17.00	N	9.7
0.524000	48.60	---	56.00	7.40	N	9.7
0.764000	41.56	---	56.00	14.44	N	9.7
0.768000	---	23.69	46.00	22.31	N	9.7
0.920000	---	22.76	46.00	23.24	N	9.7
1.012000	40.15	---	56.00	15.85	N	9.7
7.048000	47.02	---	60.00	12.98	N	10.0
8.404000	---	35.18	50.00	14.82	N	10.0
9.392000	---	33.72	50.00	16.28	N	10.0

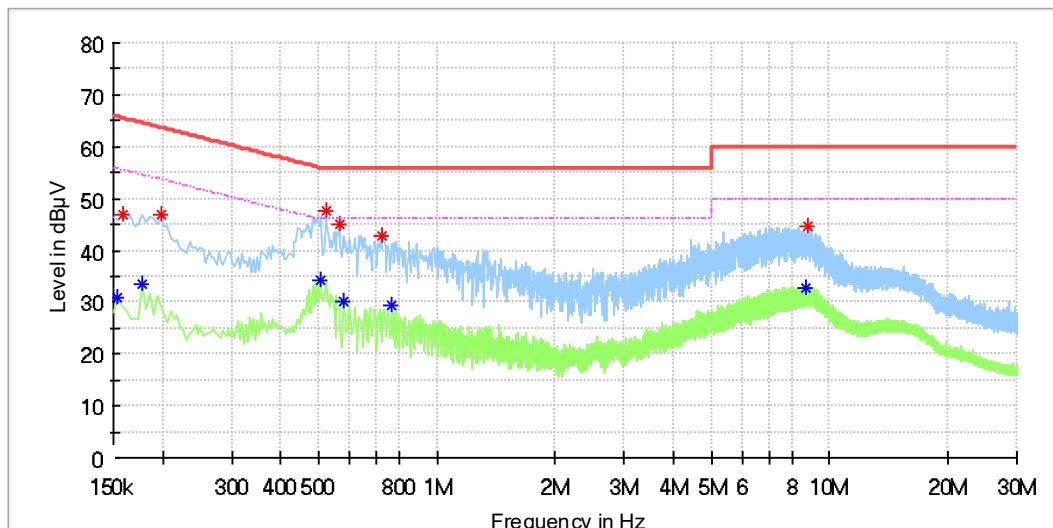
Final Result

RJ45 operation + AV+S/PDIF

Test Report

EUT Information

EUT Name: RichMedia Box
Order No: 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 Freas

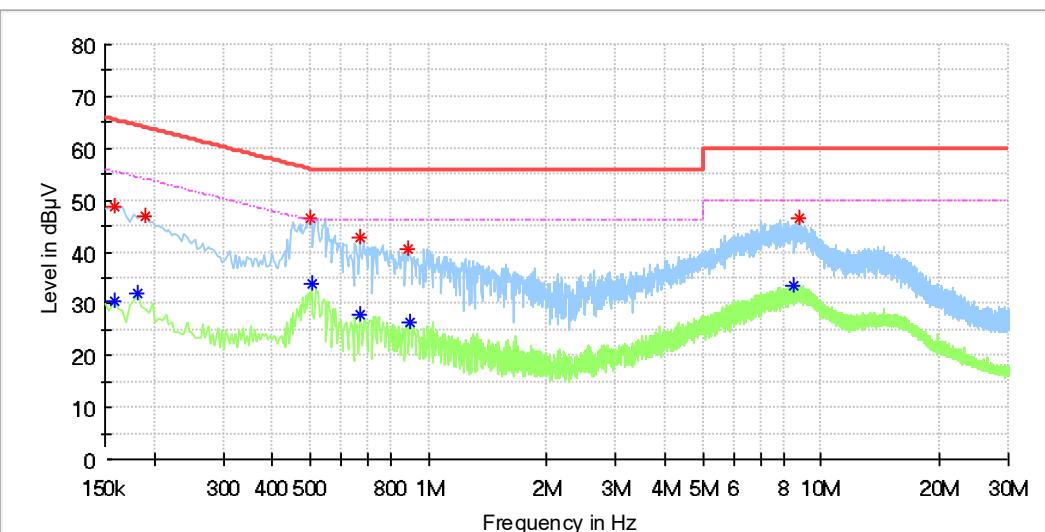
Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.154000	—	30.74	55.78	25.04	L1	9.6
0.158000	46.87	—	65.57	18.70	L1	9.6
0.178000	—	33.33	54.58	21.25	L1	9.6
0.198000	46.88	—	63.69	16.82	L1	9.6
0.504000	—	34.32	46.00	11.68	L1	9.7
0.520000	47.81	—	56.00	8.19	L1	9.7
0.564000	44.97	—	56.00	11.03	L1	9.7
0.576000	—	30.20	46.00	15.80	L1	9.7
0.728000	42.91	—	56.00	13.09	L1	9.7
0.768000	—	29.39	46.00	16.61	L1	9.7
8.724000	—	32.76	50.00	17.24	L1	10.0
8.784000	44.47	—	60.00	15.53	L1	10.0

Final Result

Test Report

EUT Information

EUT Name: RichMedia Box
Order No: 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)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.158000	48.86	---	65.57	16.70	N	9.6
0.158000	---	30.38	55.57	25.18	N	9.6
0.182000	---	32.00	54.39	22.39	N	9.6
0.190000	47.04	---	64.04	16.99	N	9.6
0.500000	46.56	---	56.00	9.44	N	9.7
0.504000	---	33.87	46.00	12.13	N	9.7
0.668000	---	27.96	46.00	18.04	N	9.7
0.668000	42.91	---	56.00	13.09	N	9.7
0.888000	40.68	---	56.00	15.32	N	9.7
0.896000	---	26.30	46.00	19.70	N	9.7
8.480000	---	33.46	50.00	16.54	N	10.0
8.832000	46.51	---	60.00	13.49	N	10.0

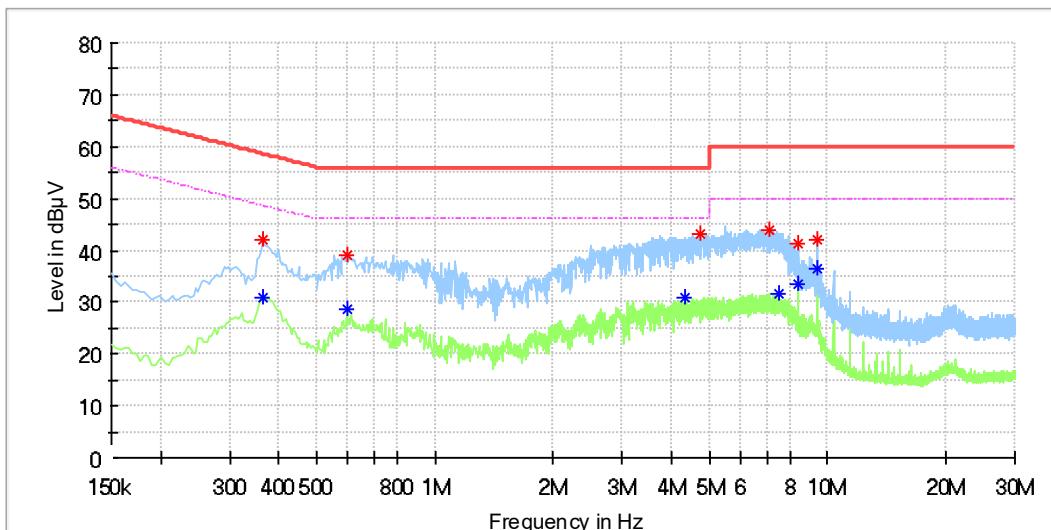
Final Result

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

Test Report

EUT Information

EUT Name:	RichMedia Box
Order No:	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

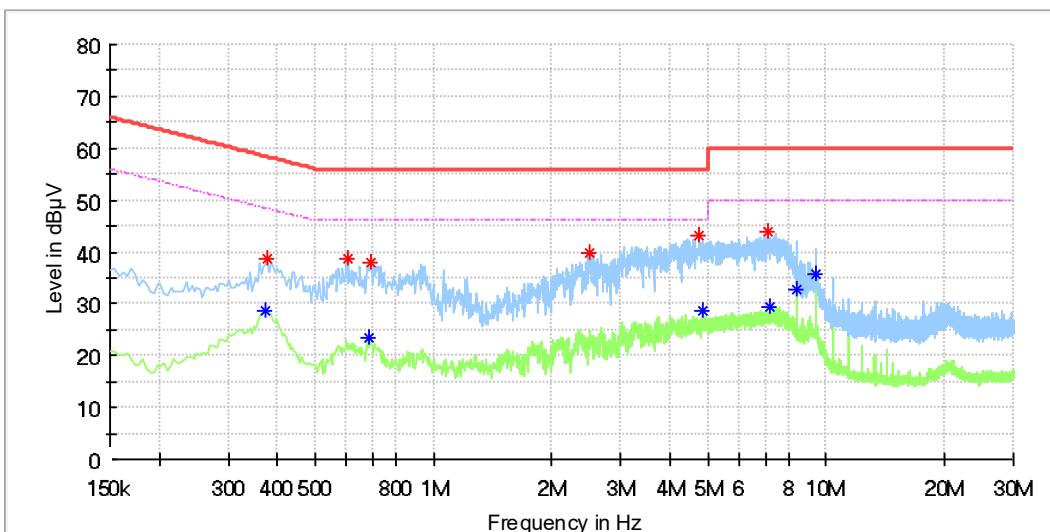
Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.366000	--	31.06	48.59	17.54	L1	9.7
0.366000	42.21	--	58.59	16.38	L1	9.7
0.596000	--	28.66	46.00	17.34	L1	9.7
0.596000	39.07	--	56.00	16.93	L1	9.7
4.348000	--	30.82	46.00	15.18	L1	9.9
4.716000	43.33	--	56.00	12.67	L1	10.0
7.124000	43.88	--	60.00	16.12	L1	10.0
7.480000	--	31.59	50.00	18.41	L1	10.0
8.392000	--	33.34	50.00	16.66	L1	10.0
8.396000	41.45	--	60.00	18.55	L1	10.0
9.380000	--	36.30	50.00	13.70	L1	10.0
9.380000	42.18	--	60.00	17.82	L1	10.0

Final Result

Test Report

EUT Information

EUT Name: RichMedia Box
Order No: 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)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.374000	—	28.59	48.41	19.83	N	9.7
0.378000	38.79	—	58.32	19.53	N	9.7
0.608000	38.67	—	56.00	17.33	N	9.7
0.684000	—	23.35	46.00	22.65	N	9.7
0.696000	37.84	—	56.00	18.16	N	9.7
2.496000	39.97	—	56.00	16.03	N	9.9
4.720000	43.19	—	56.00	12.81	N	10.0
4.824000	—	28.50	46.00	17.50	N	10.0
7.144000	43.83	—	60.00	16.17	N	10.0
7.168000	—	29.33	50.00	20.67	N	10.0
8.396000	—	32.67	50.00	17.33	N	10.0
9.388000	—	35.57	50.00	14.43	N	10.0

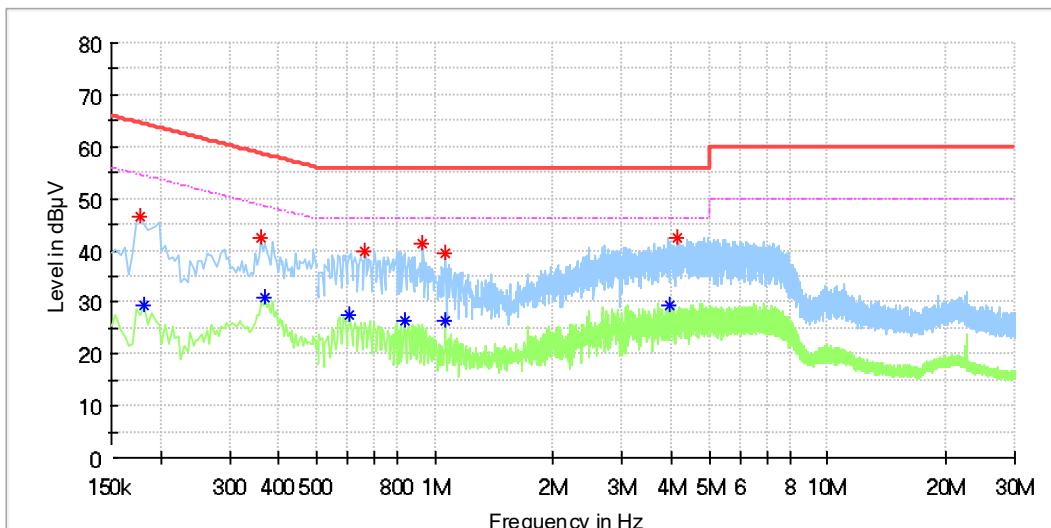
Final Result

USB Playing + AV+S/PDIF

Test Report

EUT Information

EUT Name: RichMedia Box
Order No: 168349178
Model: ZXV10 B866V2F
Test Mode: USB Playing+AV+S/PDIF
Test Voltage: AC 120V/60Hz
Test By: Shower Dai
Review By: Gary Chen
Remark: Adapter Model:KL-VA120100-B



Critical Freas

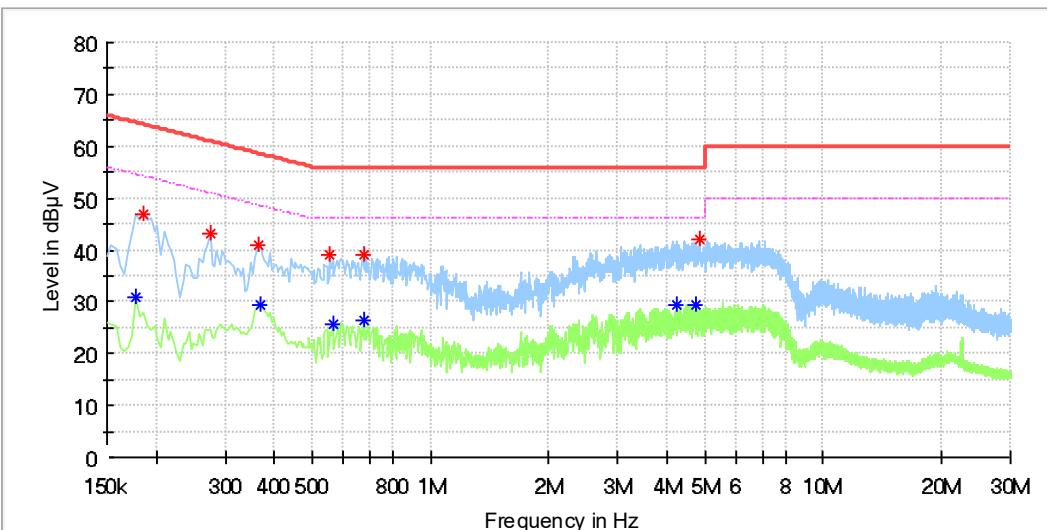
Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.178000	46.58	---	64.58	17.99	L1	9.6
0.182000	---	29.30	54.39	25.10	L1	9.6
0.362000	42.25	---	58.68	16.43	L1	9.7
0.370000	---	30.98	48.50	17.52	L1	9.7
0.608000	---	27.38	46.00	18.62	L1	9.7
0.664000	39.98	---	56.00	16.02	L1	9.7
0.836000	---	26.30	46.00	19.70	L1	9.7
0.932000	41.37	---	56.00	14.63	L1	9.7
1.064000	---	26.48	46.00	19.52	L1	9.7
1.064000	39.36	---	56.00	16.64	L1	9.7
3.940000	---	29.51	46.00	16.49	L1	9.9
4.148000	42.48	---	56.00	13.52	L1	9.9

Final Result

Test Report

EUT Information

EUT Name: RichMedia Box
Order No: 168349178
Model: ZXV10 B866V2F
Test Mode: USB Playing+AV+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)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.178000	--	31.01	54.58	23.56	N	9.6
0.186000	46.89	--	64.21	17.33	N	9.6
0.274000	43.15	--	61.00	17.85	N	9.6
0.366000	40.83	--	58.59	17.76	N	9.7
0.370000	--	29.45	48.50	19.05	N	9.7
0.556000	39.06	--	56.00	16.94	N	9.7
0.564000	--	25.83	46.00	20.17	N	9.7
0.676000	--	26.57	46.00	19.43	N	9.7
0.676000	39.11	--	56.00	16.89	N	9.7
4.228000	--	29.23	46.00	16.77	N	9.9
4.740000	--	29.24	46.00	16.76	N	10.0
4.836000	41.99	--	56.00	14.01	N	10.0

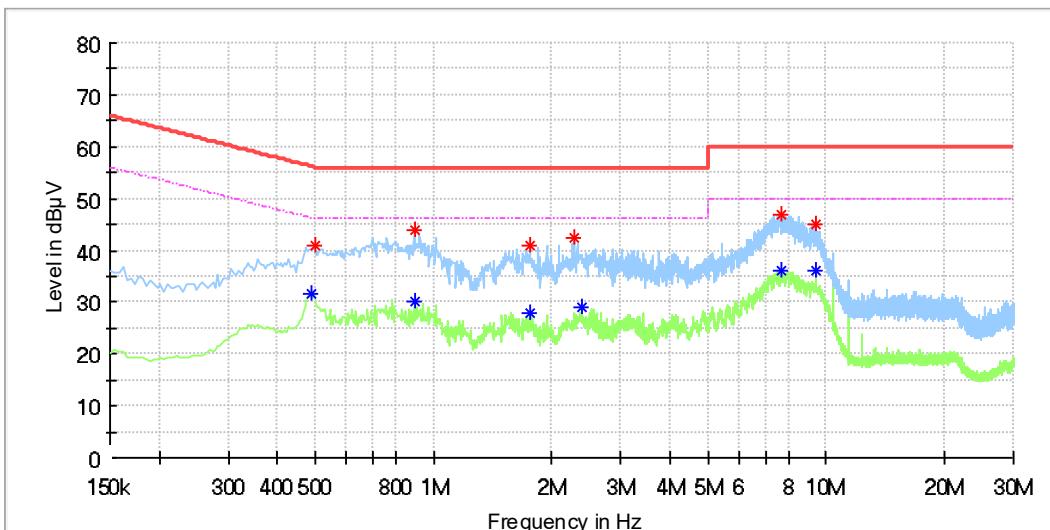
Final Result

TF card Playing + HDMI(4K)+S/PDIF

Test Report

EUT Information

EUT Name: RichMedia Box
Order No: 168349178
Model: ZXV10 B866V2F
Test Mode: TF card Playing+HDMI(4K)+S/PDIF
Test Voltage: AC 120V/60Hz
Test By: Shower Dai
Review By: Gary Chen
Remark: Adapter Model:UWP-12W-1210S



Critical Freqs

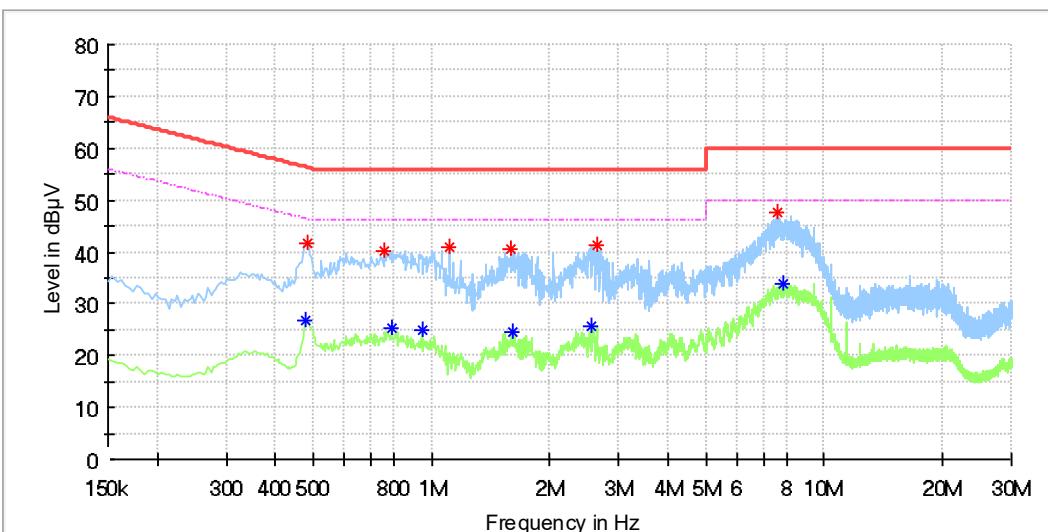
Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.486000	--	31.68	46.24	14.55	L1	9.7
0.498000	40.97	--	56.03	15.07	L1	9.7
0.896000	--	30.19	46.00	15.81	L1	9.7
0.896000	43.78	--	56.00	12.22	L1	9.7
1.756000	--	27.95	46.00	18.05	L1	9.8
1.764000	40.94	--	56.00	15.06	L1	9.8
2.276000	42.27	--	56.00	13.73	L1	9.8
2.384000	--	28.91	46.00	17.09	L1	9.8
7.672000	46.75	--	60.00	13.25	L1	10.0
7.692000	--	36.24	50.00	13.76	L1	10.0
9.396000	--	36.24	50.00	13.76	L1	10.0
9.396000	45.11	--	60.00	14.89	L1	10.0

Final Result

Test Report

EUT Information

EUT Name: RichMedia Box
Order No: 168349178
Model: ZXV10 B866V2F
Test Mode: TF card Playing+HDMI(4K)+S/PDIF
Test Voltage: AC 120V/60Hz
Test By: Shower Dai
Review By: Gary Chen
Remark: Adapter Model:UWP-12W-1210S



Critical Freqs

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.478000	—	26.84	46.37	19.53	N	9.7
0.482000	41.67	—	56.31	14.64	N	9.7
0.760000	40.13	—	56.00	15.87	N	9.7
0.792000	—	25.27	46.00	20.73	N	9.7
0.944000	—	24.77	46.00	21.23	N	9.7
1.112000	40.86	—	56.00	15.14	N	9.7
1.592000	40.45	—	56.00	15.55	N	9.7
1.616000	—	24.44	46.00	21.56	N	9.7
2.544000	—	25.64	46.00	20.36	N	9.9
2.636000	41.18	—	56.00	14.82	N	9.9
7.564000	47.69	—	60.00	12.31	N	10.0
7.904000	—	33.79	50.00	16.21	N	10.0

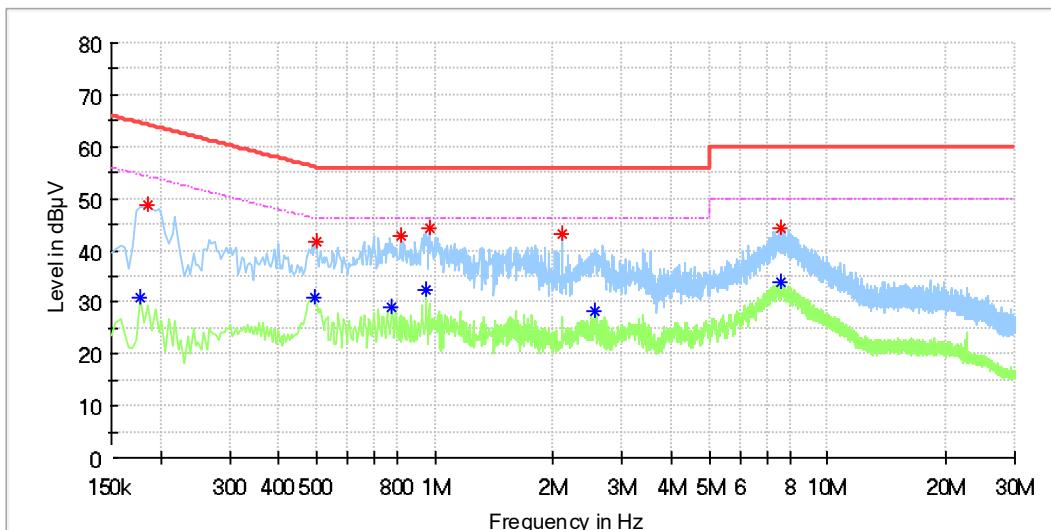
Final Result

TF card Playing + AV+S/PDIF

Test Report

EUT Information

EUT Name: RichMedia Box
Order No: 168349178
Model: ZXV10 B866V2F
Test Mode: TF card Playing+AV+S/PDIF
Test Voltage: AC 120V/60Hz
Test By: Shower Dai
Review By: Gary Chen
Remark: Adapter Model:UWP-12W-1210S



Critical Freqs

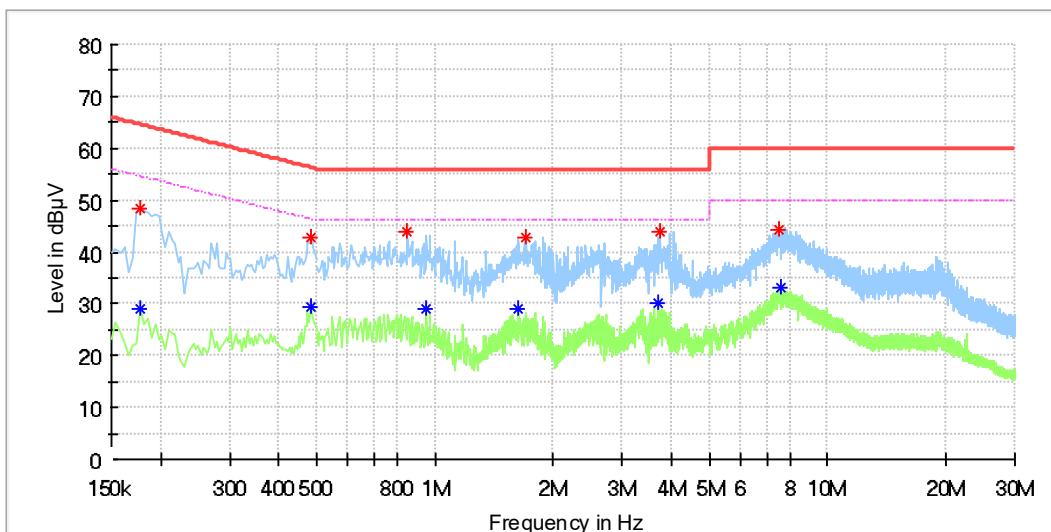
Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.178000	--	31.05	54.58	23.53	L1	9.6
0.186000	48.70	--	64.21	15.51	L1	9.6
0.494000	--	30.89	46.10	15.21	L1	9.7
0.498000	41.63	--	56.03	14.41	L1	9.7
0.776000	--	28.98	46.00	17.02	L1	9.7
0.816000	42.95	--	56.00	13.05	L1	9.7
0.948000	--	32.19	46.00	13.81	L1	9.7
0.968000	44.46	--	56.00	11.54	L1	9.7
2.108000	43.09	--	56.00	12.91	L1	9.8
2.564000	--	28.12	46.00	17.88	L1	9.9
7.572000	44.11	--	60.00	15.89	L1	10.0
7.588000	--	33.68	50.00	16.32	L1	10.0

Final Result

Test Report

EUT Information

EUT Name: RichMedia Box
Order No: 168349178
Model: ZXV10 B866V2F
Test Mode: TF card Playing+AV+S/PDIF
Test Voltage: AC 120V/60Hz
Test By: Shower Dai
Review By: Gary Chen
Remark: Adapter Model:UWP-12W-1210S



Critical Freqs

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.178000	48.40	—	64.58	16.18	N	9.6
0.178000	—	28.93	54.58	25.65	N	9.6
0.482000	42.85	—	56.31	13.45	N	9.7
0.482000	—	29.55	46.31	16.75	N	9.7
0.852000	43.85	—	56.00	12.15	N	9.7
0.952000	—	29.09	46.00	16.91	N	9.7
1.636000	—	29.04	46.00	16.96	N	9.7
1.696000	42.92	—	56.00	13.08	N	9.7
3.692000	—	30.20	46.00	15.80	N	9.9
3.752000	43.74	—	56.00	12.26	N	9.9
7.552000	44.40	—	60.00	15.60	N	10.0
7.592000	—	33.01	50.00	16.99	N	10.0

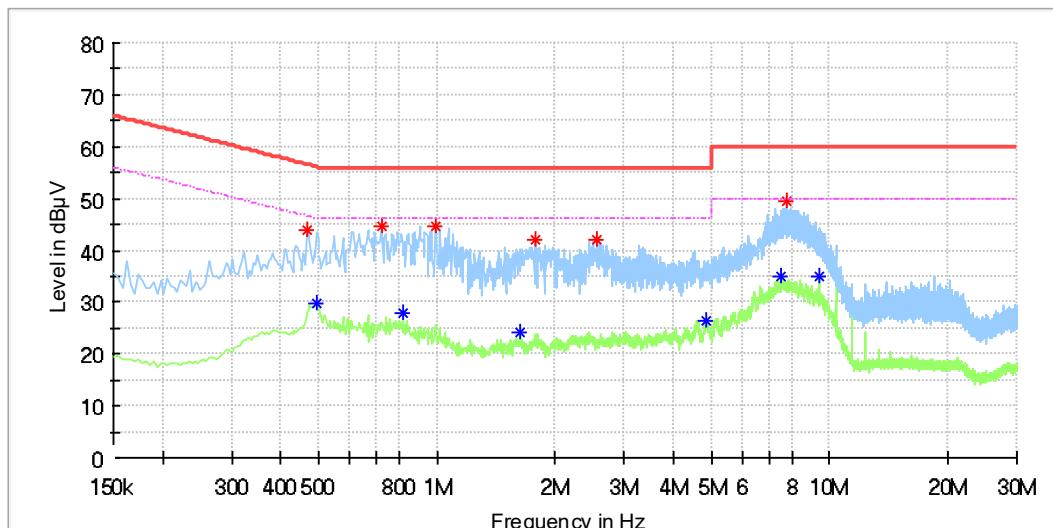
Final Result

BT operation

Test Report

EUT Information

EUT Name: RichMedia Box
Order No: 168349178
Model: ZXV10 B866V2F
Test Mode: BT operation
Test Voltage: AC 120V/60Hz
Test By: Shower Dai
Review By: Gary Chen
Remark: Adapter Model:UWP-12W-1210S



Critical Freas

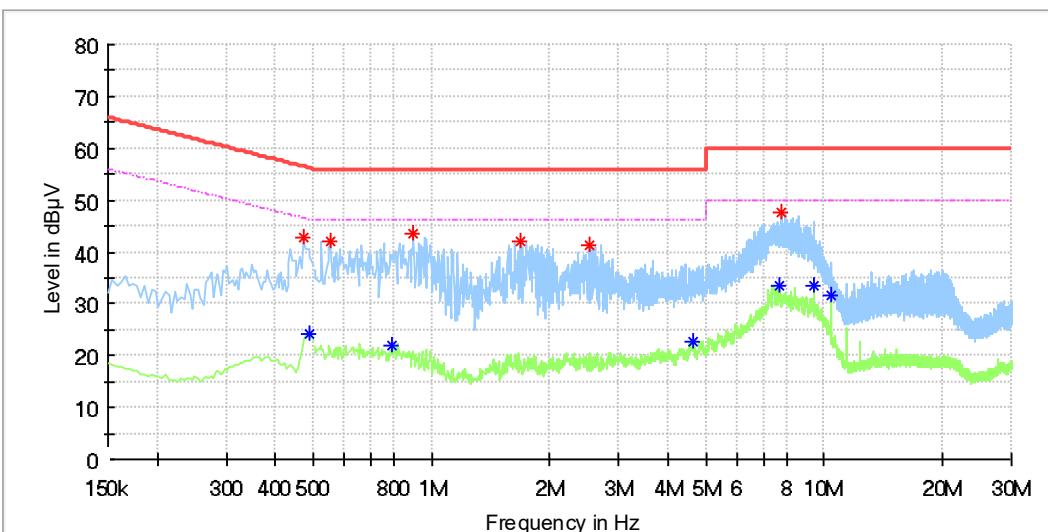
Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.466000	44.01	---	56.59	12.58	L1	9.7
0.494000	---	29.85	46.10	16.25	L1	9.7
0.724000	44.73	---	56.00	11.27	L1	9.7
0.820000	---	27.98	46.00	18.02	L1	9.7
0.988000	44.55	---	56.00	11.45	L1	9.7
1.628000	---	24.20	46.00	21.80	L1	9.8
1.784000	41.89	---	56.00	14.11	L1	9.8
2.560000	42.08	---	56.00	13.92	L1	9.9
4.860000	---	26.44	46.00	19.56	L1	10.0
7.496000	---	34.99	50.00	15.01	L1	10.0
7.744000	49.48	---	60.00	10.52	L1	10.0
9.380000	---	35.14	50.00	14.86	L1	10.0

Final_Result

Test Report

EUT Information

EUT Name: RichMedia Box
Order No: 168349178
Model: ZXV10 B866V2F
Test Mode: BT operation
Test Voltage: AC 120V/60Hz
Test By: Shower Dai
Review By: Gary Chen
Remark: Adapter Model:UWP-12W-1210S



Critical Freqs

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.470000	42.69	--	56.51	13.82	N	9.7
0.486000	--	24.04	46.24	22.19	N	9.7
0.552000	42.08	--	56.00	13.92	N	9.7
0.792000	--	22.09	46.00	23.91	N	9.7
0.900000	43.58	--	56.00	12.42	N	9.7
1.680000	42.20	--	56.00	13.80	N	9.7
2.524000	41.48	--	56.00	14.52	N	9.9
4.624000	--	22.72	46.00	23.28	N	10.0
7.680000	--	33.43	50.00	16.57	N	10.0
7.756000	47.60	--	60.00	12.40	N	10.0
9.384000	--	33.47	50.00	16.53	N	10.0
10.372000	--	31.70	50.00	18.30	N	10.0

Final_Result

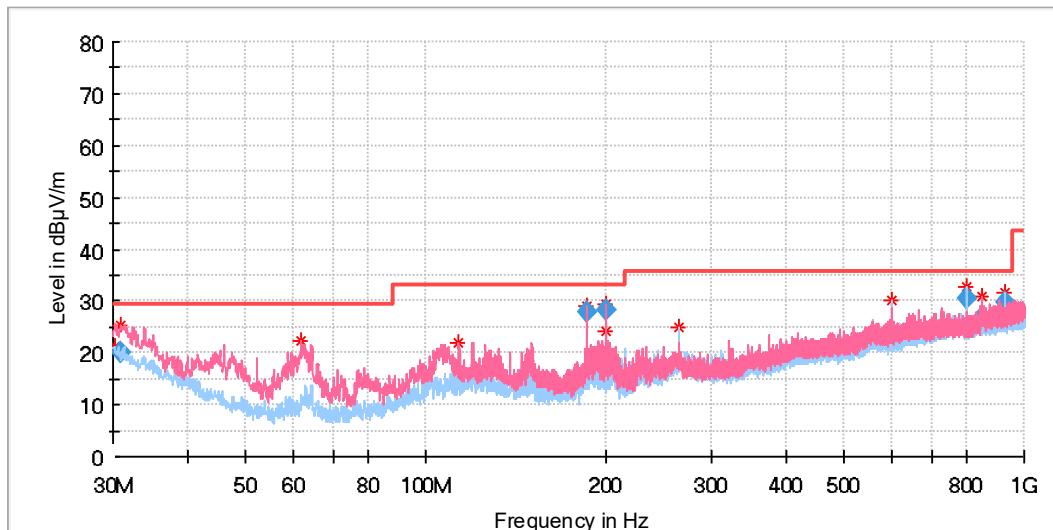
Appendix B.2: Test Plots of Radiated Emission, Below 1GHz

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

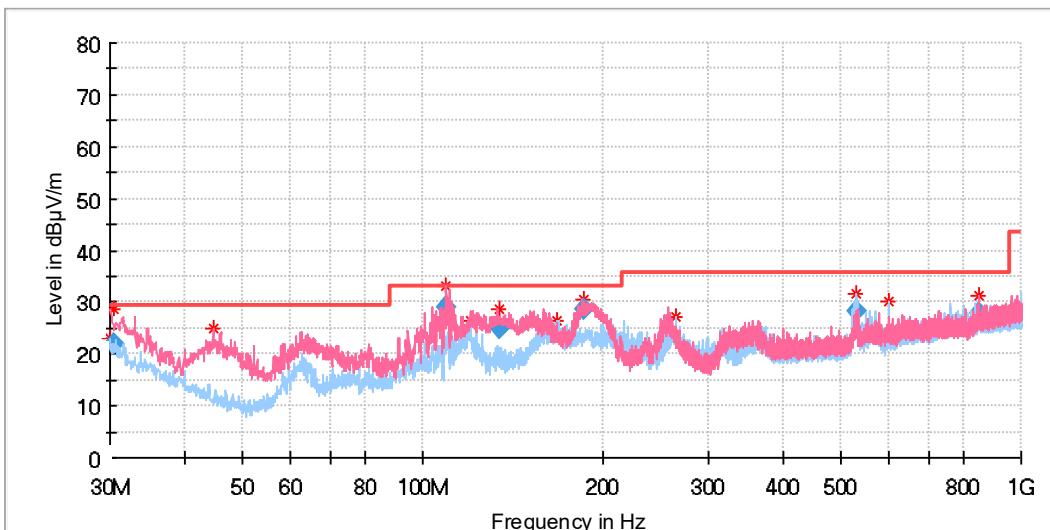
Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
30.840000	20.23	29.50	9.27	1000.0	120.000	200.0	V	327.	-5.0
185.455556	27.90	33.10	5.20	1000.0	120.000	100.0	V	93.0	-12.5
200.005556	28.32	33.10	4.78	1000.0	120.000	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

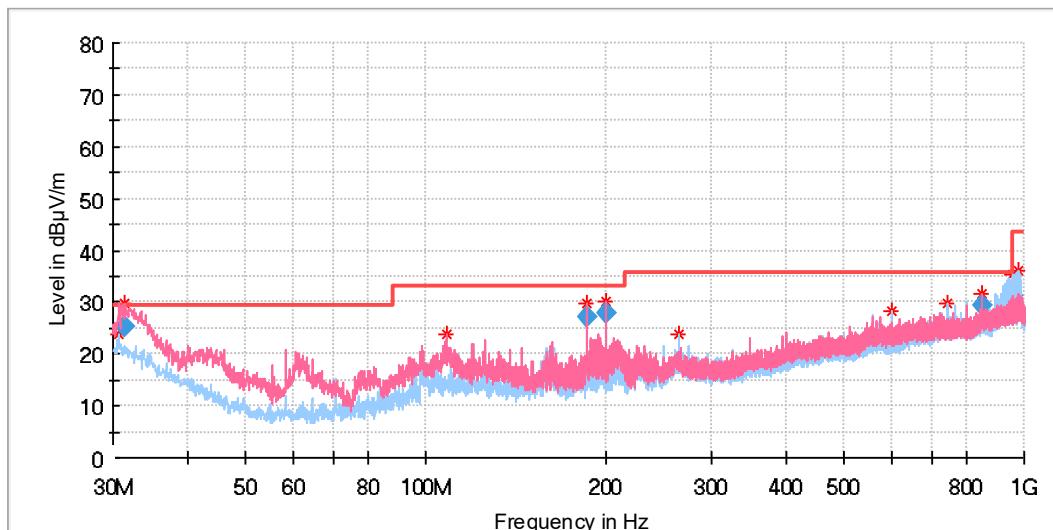
Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
30.360000	21.85	29.50	7.65	1000.0	120.000	200.0	V	83.0	-4.7
109.526111	28.91	33.10	4.19	1000.0	120.000	100.0	V	174.	-10.4
134.602222	24.81	33.10	8.29	1000.0	120.000	100.0	V	164.	-10.5
185.835000	28.72	33.10	4.38	1000.0	120.000	100.0	V	184.	-12.5
529.800556	28.35	35.60	7.25	1000.0	120.000	100.0	H	285.	-8.5
851.550000	27.95	35.60	7.65	1000.0	120.000	100.0	V	332.	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

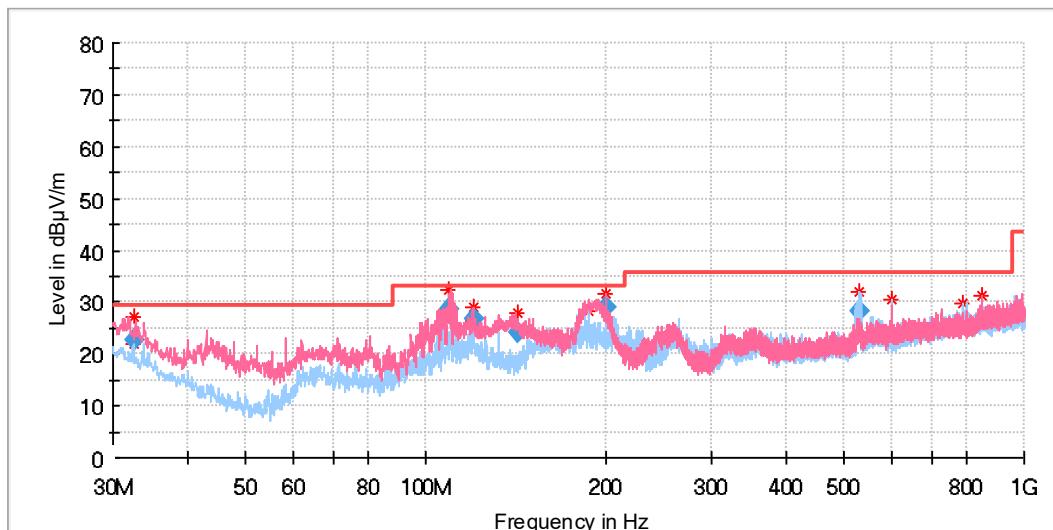
Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
31.455000	25.24	29.50	4.26	1000.0	120.000	200.0	V	63.0	-5.3
185.455556	27.33	33.10	5.77	1000.0	120.000	100.0	V	160.	-12.5
200.005556	27.92	33.10	5.18	1000.0	120.000	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

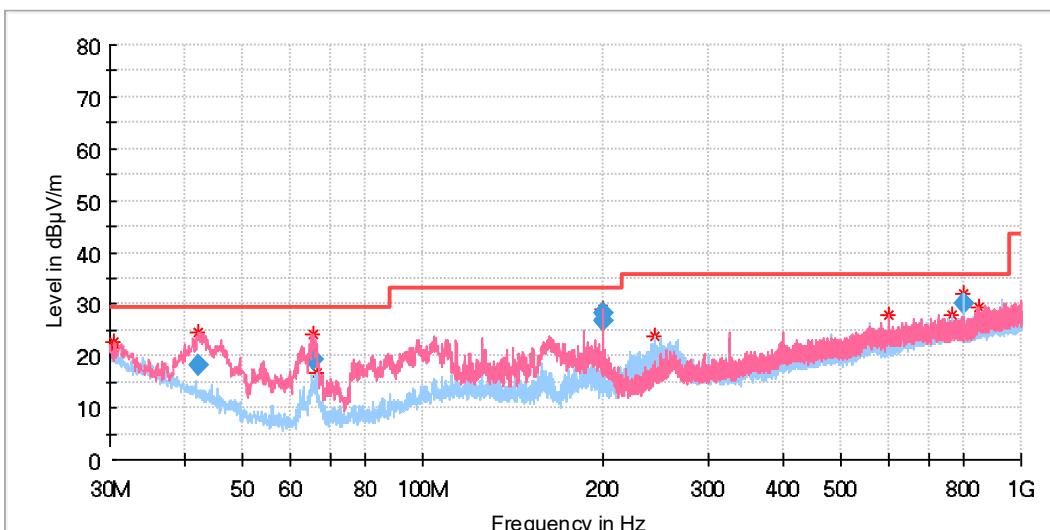
Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
32.592222	22.84	29.50	6.66	1000.0	120.000	100.0	V	230.	-5.9
109.517222	28.69	33.10	4.41	1000.0	120.000	100.0	V	154.	-10.4
119.778889	26.95	33.10	6.15	1000.0	120.000	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