

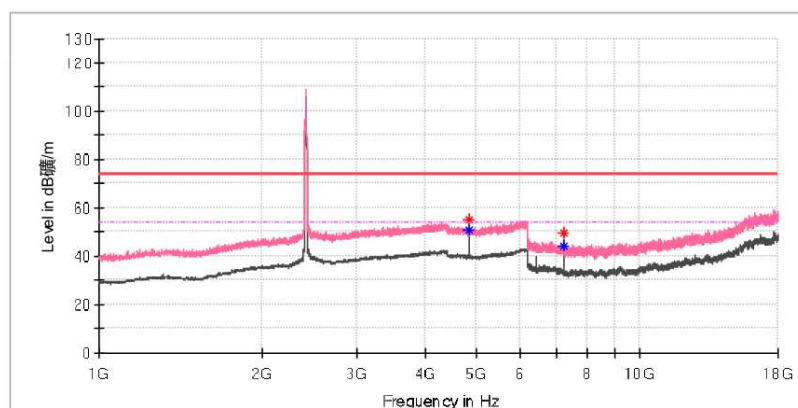
EMI Auto Test(1)

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Test Report

EUT Information

EUT Name: Digital media receiver
Model: B7W644
TestMode: Wi-Fi 2.4G 11b_Ch1
TestVoltage:: AC 120V@60Hz
Remark: Temp 24 Humi:45%
TestStandard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4824.000000	55.32	---	74.00	18.68	100.0	V	93.0	13.5
4824.000000	---	51.06	54.00	2.94	100.0	V	93.0	13.5
7233.483333	49.58	---	74.00	24.42	100.0	V	201.0	8.6
7234.466667	---	44.02	54.00	9.98	100.0	V	201.0	8.6

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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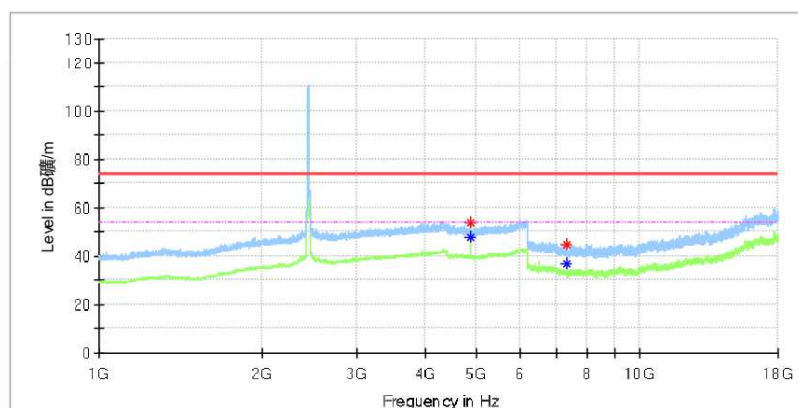
EMI Auto Test(1)

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Test Report

EUT Information

EUT Name: Digital media receiver
Model: B7W644
TestMode: Wi-Fi 2.4G 11b_Ch6
TestVoltage: AC 120V@60Hz
Remark: Temp 22 Humi:50%
TestStandard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4874.000000	---	47.50	54.00	6.50	100.0	H	74.0	13.4
4874.500000	53.51	---	74.00	20.49	100.0	H	74.0	13.4
7309.691667	44.70	---	74.00	29.30	100.0	H	27.0	8.2
7312.150000	---	36.58	54.00	17.42	100.0	H	115.0	8.2

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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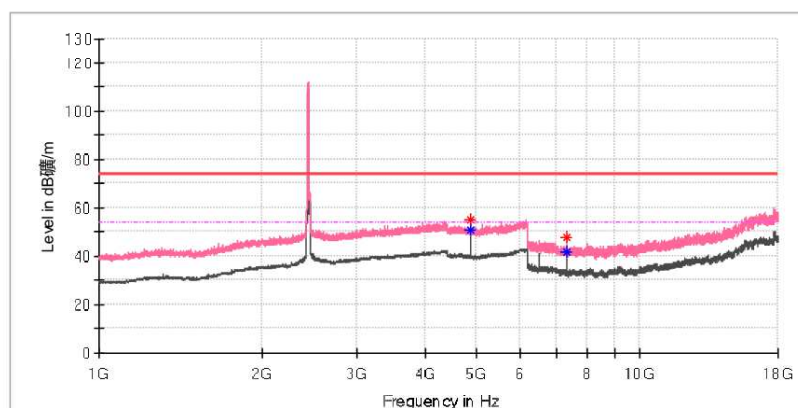
EMI Auto Test(1)

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Test Report

EUT Information

EUT Name: Digital media receiver
Model: B7W644
Test Mode: Wi-Fi 2.4G 11b_Ch6
Test Voltage: AC 120V@60Hz
Remark: Temp 22 Humi:50%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4874.000000	55.05	---	74.00	18.95	100.0	V	94.0	13.4
4874.000000	---	50.65	54.00	3.35	100.0	V	94.0	13.4
7311.658333	47.84	---	74.00	26.16	100.0	V	224.0	8.2
7311.658333	---	41.77	54.00	12.23	100.0	V	224.0	8.2

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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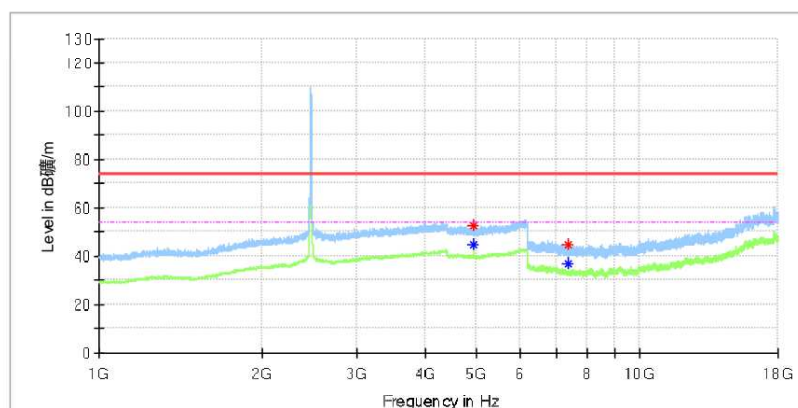
EMI Auto Test(1)

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Test Report

EUT Information

EUT Name: Digital media receiver
Model: B7W644
TestMode: Wi-Fi 2.4G 11b_Ch11
TestVoltage: AC 120V@60Hz
Remark: Temp 24 Humi:45%
TestStandard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4924.000000	52.55	---	74.00	21.45	100.0	H	359.0	13.3
4924.000000	---	44.81	54.00	9.19	100.0	H	359.0	13.3
7384.425000	44.64	---	74.00	29.36	100.0	H	318.0	8.2
7385.408333	---	37.05	54.00	16.95	100.0	H	318.0	8.2

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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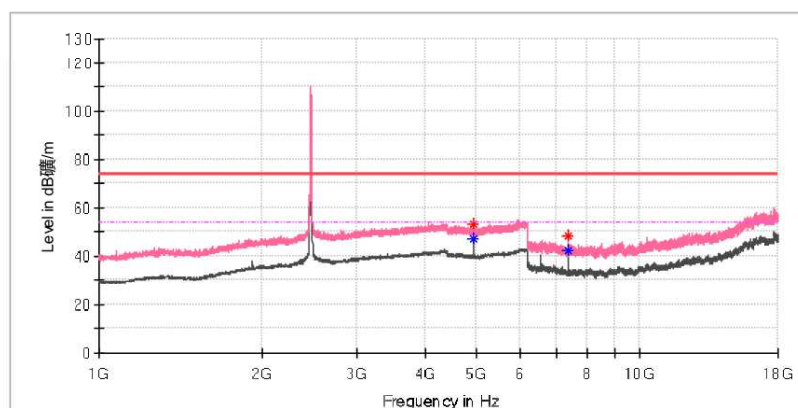
EMI Auto Test(1)

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Test Report

EUT Information

EUT Name: Digital media receiver
Model: B7W644
TestMode: Wi-Fi 2.4G 11b_Ch11
TestVoltage: AC 120V@60Hz
Remark: Temp 24 Humi:45%
TestStandard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4924.000000	---	46.88	54.00	7.12	100.0	V	86.0	13.3
4924.000000	53.29	---	74.00	20.71	100.0	V	86.0	13.3
7383.441667	48.12	---	74.00	25.88	100.0	V	193.0	8.2
7384.425000	---	42.16	54.00	11.84	100.0	V	193.0	8.2

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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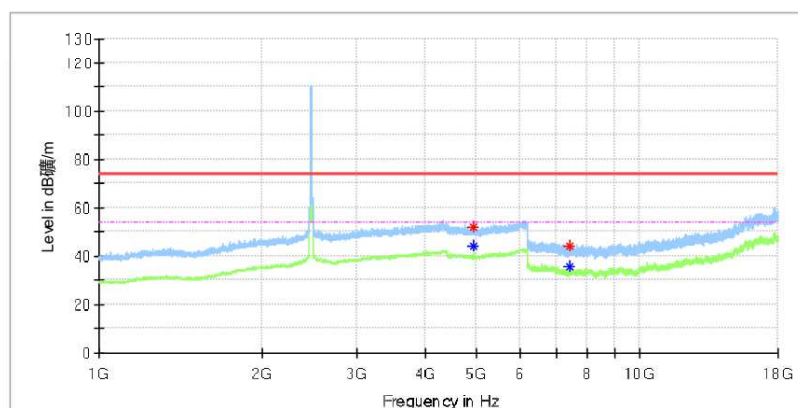
EMI Auto Test(1)

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Test Report

EUT Information

EUT Name: Digital media receiver
Model: B7W644
TestMode: Wi-Fi 2.4G 11b_Ch12
TestVoltage: AC 120V@60Hz
Remark: Temp 24 Humi:45%
TestStandard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4934.000000	51.95	---	74.00	22.05	100.0	H	126.0	13.3
4934.000000	---	43.93	54.00	10.07	100.0	H	126.0	13.3
7399.666667	---	35.92	54.00	18.08	100.0	H	317.0	8.3
7402.125000	43.84	---	74.00	30.16	100.0	H	317.0	8.3

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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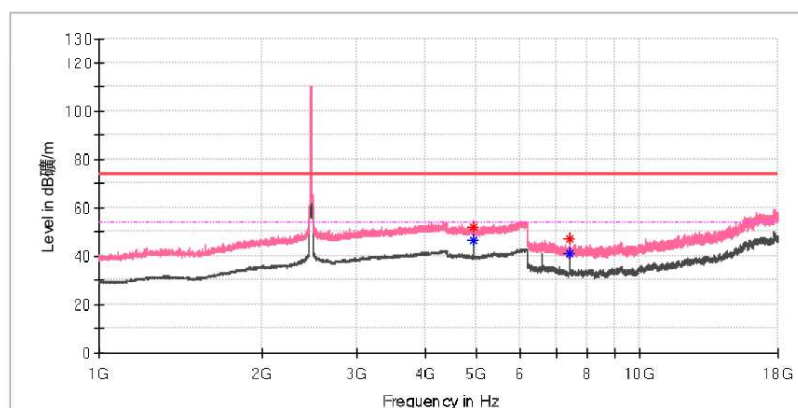
EMI Auto Test(1)

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Test Report

EUT Information

EUT Name: Digital media receiver
Model: B7W644
Test Mode: Wi-Fi 2.4G 11b_Ch12
Test Voltage: AC 120V@60Hz
Remark: Temp 24 Humi:45%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4934.000000	52.05	---	74.00	21.95	100.0	V	88.0	13.3
4934.000000	---	46.33	54.00	7.67	100.0	V	88.0	13.3
7399.666667	---	41.41	54.00	12.59	100.0	V	198.0	8.3
7400.650000	47.45	---	74.00	26.55	100.0	V	180.0	8.3

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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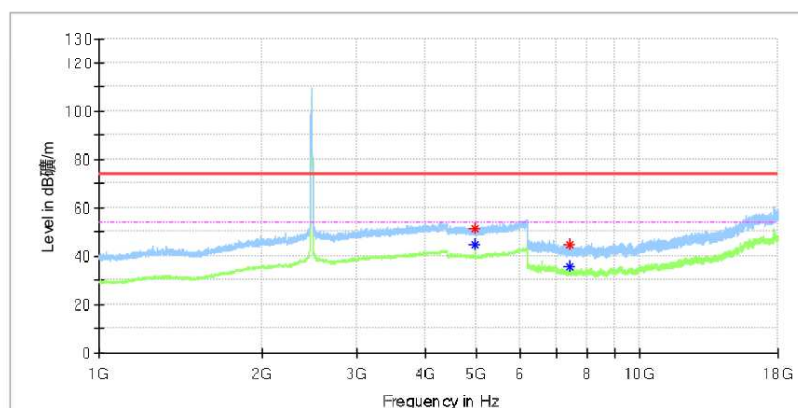
EMI Auto Test(1)

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Test Report

EUT Information

EUT Name: Digital media receiver
Model: B7W644
TestMode: Wi-Fi 2.4G 11b_Ch13
TestVoltage:: AC 120V@60Hz
Remark: Temp 24 Humi:45%
TestStandard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4944.000000	51.56	---	74.00	22.44	100.0	H	6.0	13.2
4944.000000	---	44.48	54.00	9.52	100.0	H	6.0	13.2
7414.416667	---	35.92	54.00	18.08	100.0	H	301.0	8.3
7414.908333	44.48	---	74.00	29.52	100.0	H	301.0	8.3

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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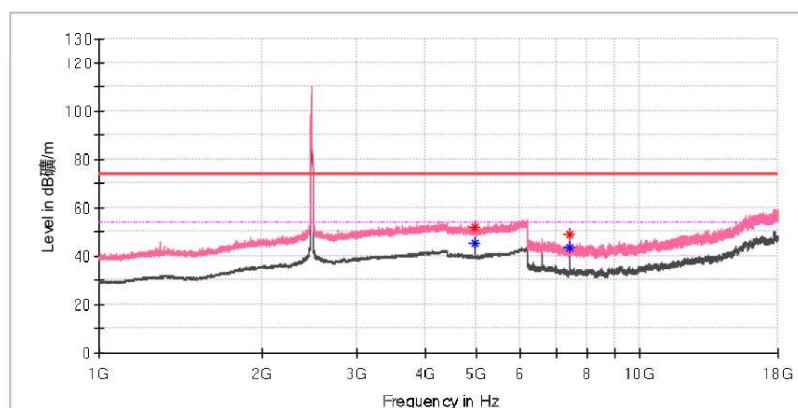
EMI Auto Test(1)

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Test Report

EUT Information

EUT Name: Digital media receiver
Model: B7W644
TestMode: Wi-Fi 2.4G 11b_Ch13
TestVoltage: AC 120V@60Hz
Remark: Temp 24 Humi:45%
TestStandard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4942.500000	52.23	---	74.00	21.77	100.0	V	260.0	13.2
4944.000000	---	45.41	54.00	8.59	100.0	V	108.0	13.2
7414.908333	---	43.26	54.00	10.74	100.0	V	206.0	8.3
7415.891667	48.94	---	74.00	25.06	100.0	V	206.0	8.3

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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Wi-Fi 802.11 g mode, 6 Mbps

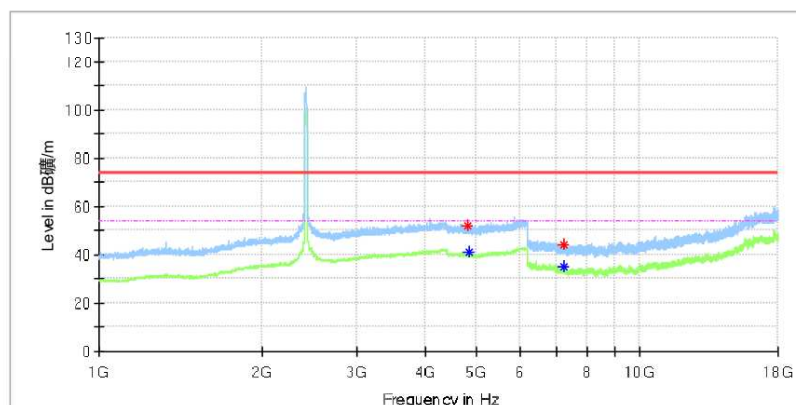
EMI Auto Test(1)

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Test Report

EUT Information

EUT Name:	Digital media receiver
Model:	B7W644
Test Mode:	Wi-Fi 2.4G 11g_Ch1
Test Voltage::	AC 120V@60Hz
Remark:	Temp 24 Humi:45%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4812.000000	51.95	---	74.00	22.05	100.0	H	4.0	13.6
4820.500000	---	41.39	54.00	12.61	100.0	H	131.0	13.5
7232.991667	---	35.15	54.00	18.85	100.0	H	65.0	8.6
7235.450000	44.18	---	74.00	29.82	100.0	H	299.0	8.6

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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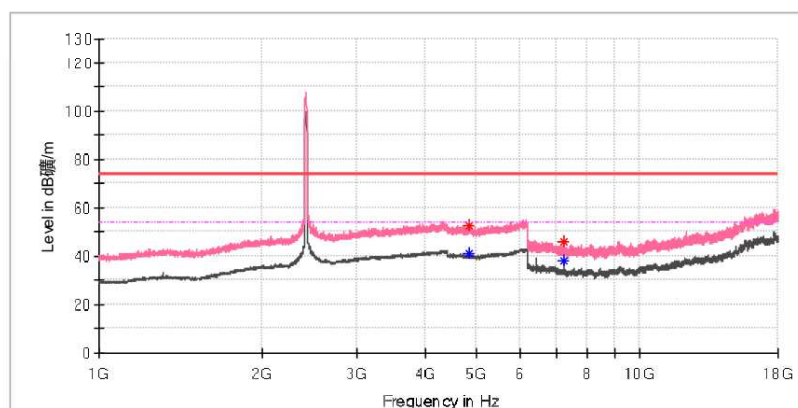
EMI Auto Test(1)

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Test Report

EUT Information

EUT Name: Digital media receiver
Model: B7W644
TestMode: Wi-Fi 2.4G 11g_Ch1
TestVoltage: AC 120V@60Hz
Remark: Temp 24 Humi:45%
TestStandard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4819.500000	52.82	---	74.00	21.18	100.0	V	287.0	13.5
4820.500000	---	41.27	54.00	12.73	100.0	V	146.0	13.5
7232.008333	---	38.13	54.00	15.87	100.0	V	263.0	8.6
7234.958333	46.20	---	74.00	27.80	100.0	V	263.0	8.6

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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25/5/2020

8:19:24 PM

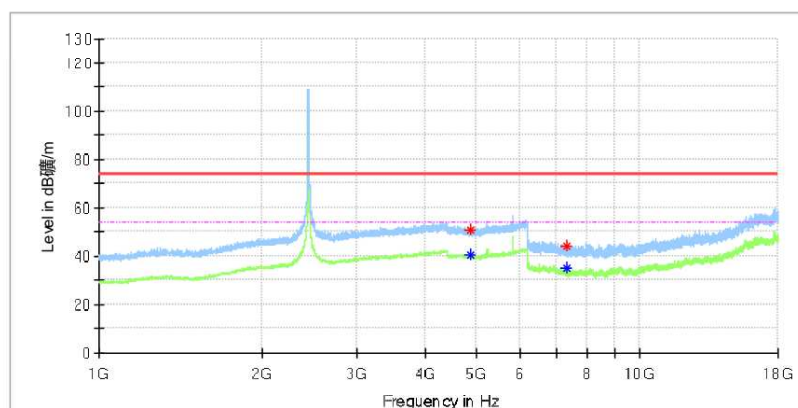
EMI Auto Test(1)

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Test Report

EUT Information

EUT Name: Digital media receiver
Model: B7W644
TestMode: Wi-Fi 2.4G 11g_Ch6
TestVoltage: AC 120V@60Hz
Remark: Temp 24 Humi:45%
TestStandard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4871.500000	50.92	---	74.00	23.08	100.0	H	124.0	13.4
4875.000000	---	40.30	54.00	13.70	100.0	H	124.0	13.4
7302.316667	---	35.19	54.00	18.81	100.0	H	2.0	8.3
7313.625000	43.96	---	74.00	30.04	100.0	H	2.0	8.2

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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25/5/2020

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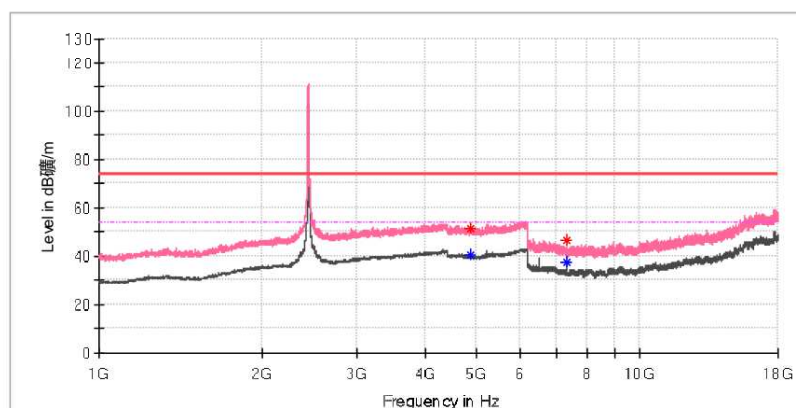
EMI Auto Test(1)

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Test Report

EUT Information

EUT Name: Digital media receiver
Model: B7W644
Test Mode: Wi-Fi 2.4G 11g_Ch6
Test Voltage: AC 120V@60Hz
Remark: Temp 24 Humi:45%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4872.000000	---	40.79	54.00	13.21	100.0	V	166.0	13.4
4877.500000	51.69	---	74.00	22.31	100.0	V	156.0	13.4
7309.691667	---	37.33	54.00	16.67	100.0	V	260.0	8.2
7311.658333	46.57	---	74.00	27.43	100.0	V	260.0	8.2

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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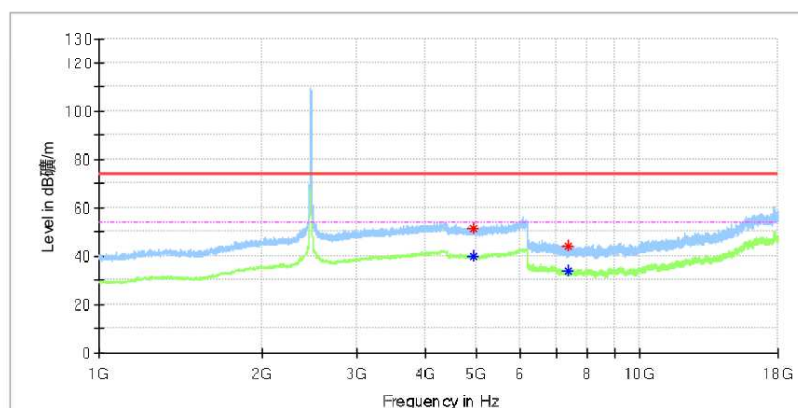
EMI Auto Test(1)

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Test Report

EUT Information

EUT Name: Digital media receiver
Model: B7W644
TestMode: Wi-Fi 2.4G 11g_Ch11
TestVoltage:: AC 120V@60Hz
Remark: Temp 24 Humi:45%
TestStandard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4918.000000	---	40.08	54.00	13.92	100.0	H	48.0	13.3
4929.500000	51.51	---	74.00	22.49	100.0	H	109.0	13.3
7381.475000	43.88	---	74.00	30.12	100.0	H	352.0	8.2
7382.950000	---	33.57	54.00	20.43	100.0	H	300.0	8.2

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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25/5/2020

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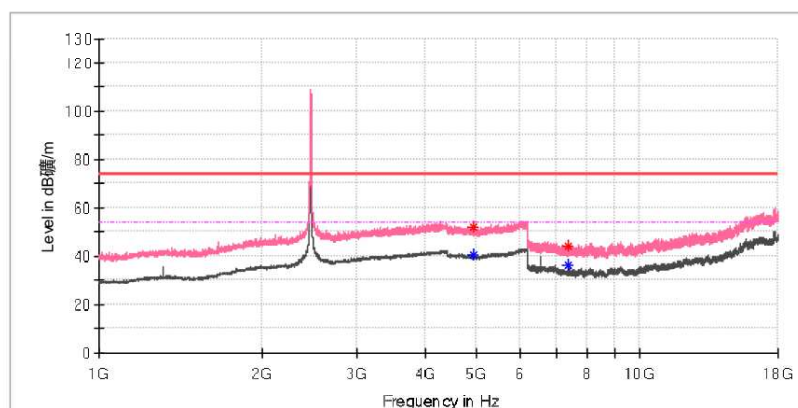
EMI Auto Test(1)

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Test Report

EUT Information

EUT Name: Digital media receiver
Model: B7W644
TestMode: Wi-Fi 2.4G 11g_Ch11
TestVoltage:: AC 120V@60Hz
Remark: Temp 24 Humi:45%
TestStandard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4916.000000	51.89	---	74.00	22.11	100.0	V	175.0	13.3
4924.000000	---	40.28	54.00	13.72	100.0	V	209.0	13.3
7383.933333	44.26	---	74.00	29.74	100.0	V	254.0	8.2
7388.358333	---	36.43	54.00	17.57	100.0	V	254.0	8.2

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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25/5/2020

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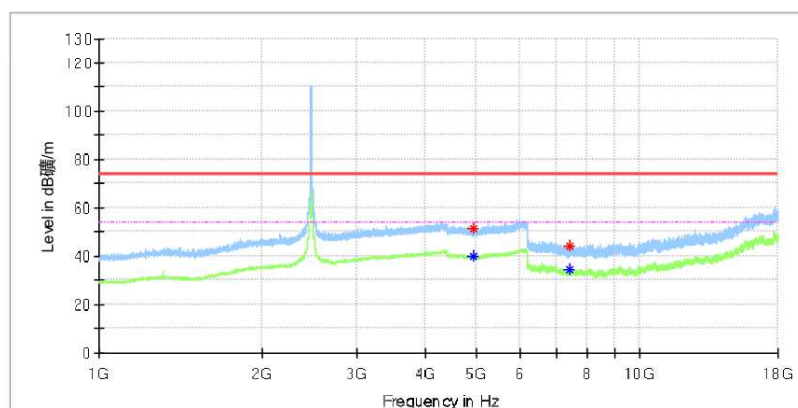
EMI Auto Test(1)

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Test Report

EUT Information

EUT Name: Digital media receiver
Model: B7W644
TestMode: Wi-Fi 2.4G 11g_Ch12
TestVoltage: AC 120V@60Hz
Remark: Temp 24 Humi:45%
TestStandard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4926.000000	---	40.09	54.00	13.91	100.0	H	189.0	13.3
4927.500000	51.65	---	74.00	22.35	100.0	H	358.0	13.3
7400.158333	---	34.45	54.00	19.55	100.0	H	0.0	8.3
7404.583333	43.91	---	74.00	30.09	100.0	H	225.0	8.3

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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25/5/2020

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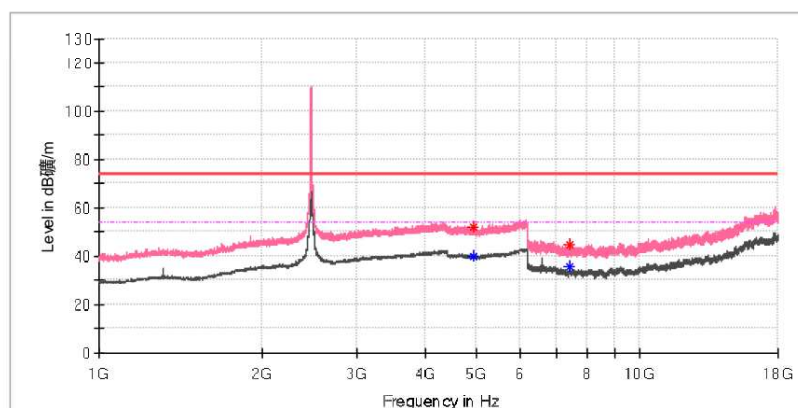
EMI Auto Test(1)

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Test Report

EUT Information

EUT Name: Digital media receiver
Model: B7W644
TestMode: Wi-Fi 2.4G 11g_Ch12
Test Voltage: AC 120V@60Hz
Remark: Temp 24 Humi:45%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4931.000000	---	40.07	54.00	13.93	100.0	V	140.0	13.3
4932.500000	52.01	---	74.00	21.99	100.0	V	140.0	13.3
7402.125000	44.51	---	74.00	29.49	100.0	V	259.0	8.3
7402.125000	---	35.90	54.00	18.10	100.0	V	259.0	8.3

Final Result

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

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8:19:24 PM

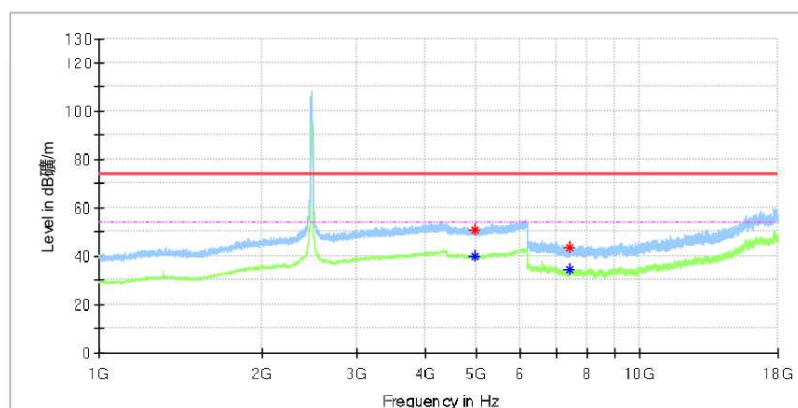
EMI Auto Test(1)

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Test Report

EUT Information

EUT Name: Digital media receiver
Model: B7W644
TestMode: Wi-Fi 2.4G 11g_Ch13
TestVoltage: AC 120V@60Hz
Remark: Temp 24 Humi:45%
TestStandard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4947.500000	---	39.94	54.00	14.06	100.0	H	273.0	13.2
4951.500000	50.59	---	74.00	23.41	100.0	H	356.0	13.2
7411.466667	43.27	---	74.00	30.73	100.0	H	24.0	8.3
7412.450000	---	34.19	54.00	19.81	100.0	H	7.0	8.3

Final Result

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

25/5/2020

8:19:24 PM

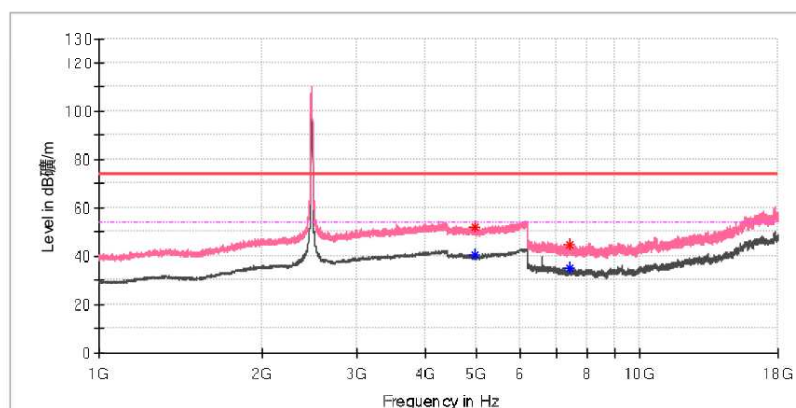
EMI Auto Test(1)

10 / 10

Test Report

EUT Information

EUT Name: Digital media receiver
Model: B7W644
TestMode: Wi-Fi 2.4G 11g_Ch13
TestVoltage: AC 120V@60Hz
Remark: Temp 24 Humi:45%
TestStandard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4948.000000	51.76	---	74.00	22.24	100.0	V	44.0	13.2
4951.000000	---	40.63	54.00	13.37	100.0	V	286.0	13.2
7416.383333	44.59	---	74.00	29.41	100.0	V	255.0	8.3
7419.825000	---	35.30	54.00	18.70	100.0	V	255.0	8.4

Final Result

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

25/5/2020

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Wi-Fi 802.11 n(HT20) mode, MCS0

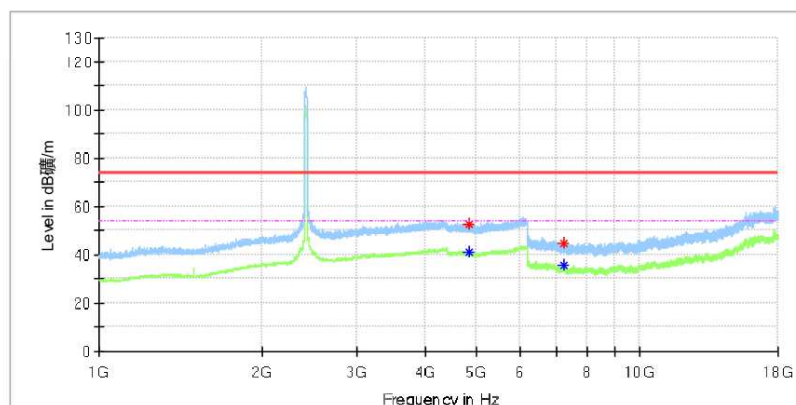
EMI Auto Test(1)

1 / 10

Test Report

EUT Information

EUT Name:	Digital media receiver
Model:	B7W644
Test Mode:	Wi-Fi 2.4G 11n_Ch1
Test Voltage::	AC 120V@60Hz
Remark:	Temp 24 Humi:45%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4830.500000	---	41.28	54.00	12.72	100.0	H	100.0	13.5
4832.000000	52.43	---	74.00	21.57	100.0	H	256.0	13.5
7223.158333	---	35.50	54.00	18.50	100.0	H	140.0	8.7
7231.516667	44.55	---	74.00	29.45	100.0	H	334.0	8.6

Final Result

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

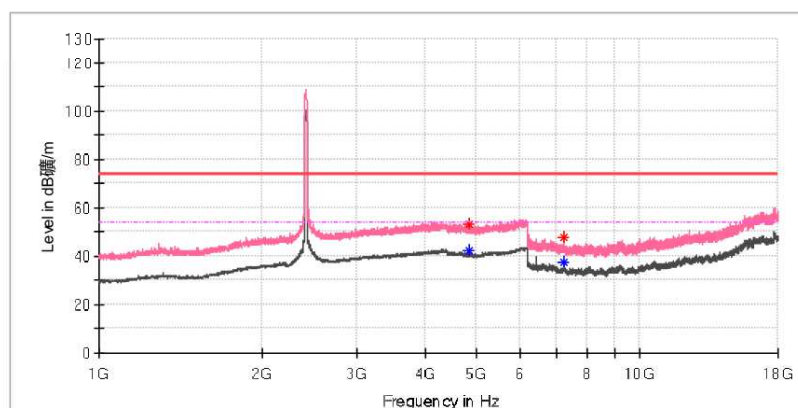
EMI Auto Test(1)

2 / 10

Test Report

EUT Information

EUT Name: Digital media receiver
Model: B7W644
TestMode: Wi-Fi 2.4G 11n_Ch1
TestVoltage: AC 120V@60Hz
Remark: Temp 24 Humi:45%
TestStandard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4820.500000	53.32	---	74.00	20.68	100.0	V	135.0	13.5
4824.000000	---	42.17	54.00	11.83	100.0	V	127.0	13.5
7230.533333	---	37.47	54.00	16.53	100.0	V	241.0	8.6
7233.975000	47.97	---	74.00	26.03	100.0	V	241.0	8.6

Final Result

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

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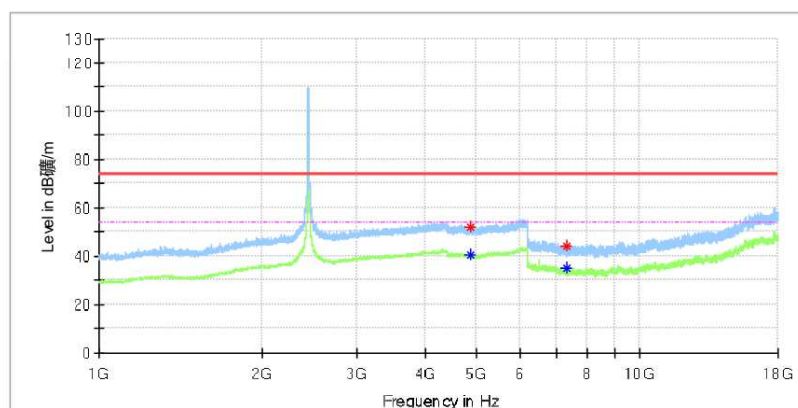
EMI Auto Test(1)

3 / 10

Test Report

EUT Information

EUT Name: Digital media receiver
Model: B7W644
Test Mode: Wi-Fi 2.4G 11n_Ch6
Test Voltage: AC 120V@60Hz
Remark: Temp 24 Humi:45%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4872.500000	51.93	---	74.00	22.07	100.0	H	113.0	13.4
4875.000000	---	40.58	54.00	13.42	100.0	H	229.0	13.4
7310.183333	---	35.09	54.00	18.91	100.0	H	246.0	8.2
7313.133333	43.84	---	74.00	30.16	100.0	H	2.0	8.2

Final Result

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

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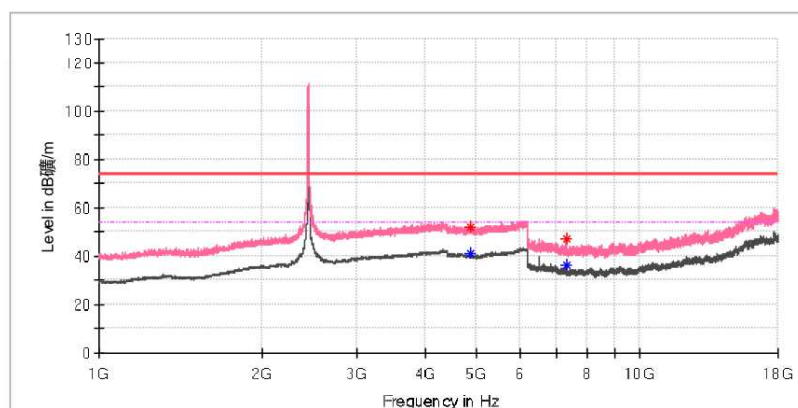
EMI Auto Test(1)

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Test Report

EUT Information

EUT Name: Digital media receiver
Model: B7W644
TestMode: Wi-Fi 2.4G 11n_Ch6
TestVoltage: AC 120V@60Hz
Remark: Temp 24 Humi:45%
TestStandard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4871.000000	52.10	---	74.00	21.90	100.0	V	144.0	13.4
4877.000000	---	41.02	54.00	12.98	100.0	V	153.0	13.4
7303.300000	---	36.29	54.00	17.71	100.0	V	263.0	8.3
7314.116667	47.07	---	74.00	26.93	100.0	V	263.0	8.2

Final Result

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

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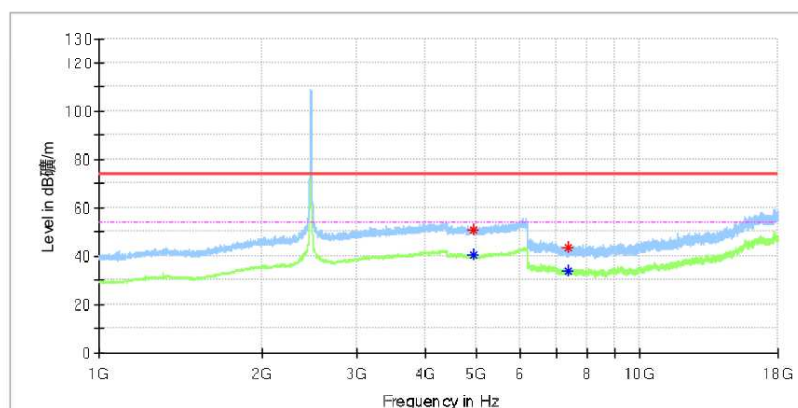
EMI Auto Test(1)

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Test Report

EUT Information

EUT Name: Digital media receiver
Model: B7W644
TestMode: Wi-Fi 2.4G 11n_Ch11
TestVoltage: AC 120V@60Hz
Remark: Temp 24 Humi:45%
TestStandard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4913.500000	---	40.31	54.00	13.69	100.0	H	107.0	13.3
4927.000000	50.89	---	74.00	23.11	100.0	H	8.0	13.3
7372.133333	43.29	---	74.00	30.71	100.0	H	266.0	8.2
7383.933333	---	33.84	54.00	20.16	100.0	H	353.0	8.2

Final Result

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

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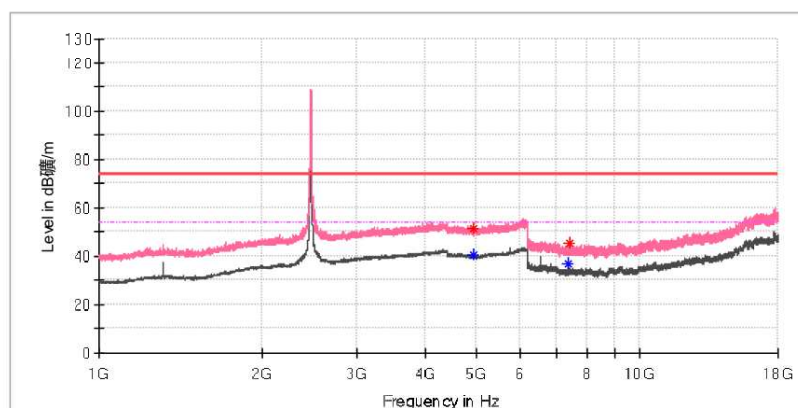
EMI Auto Test(1)

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Test Report

EUT Information

EUT Name: Digital media receiver
Model: B7W644
TestMode: Wi-Fi 2.4G 11n_Ch11
TestVoltage: AC 120V@60Hz
Remark: Temp 24 Humi:45%
TestStandard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4924.000000	51.51	---	74.00	22.49	100.0	V	276.0	13.3
4925.000000	---	40.48	54.00	13.52	100.0	V	120.0	13.3
7385.408333	---	36.68	54.00	17.32	100.0	V	59.0	8.2
7392.291667	45.16	---	74.00	28.84	100.0	V	259.0	8.3

Final Result

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

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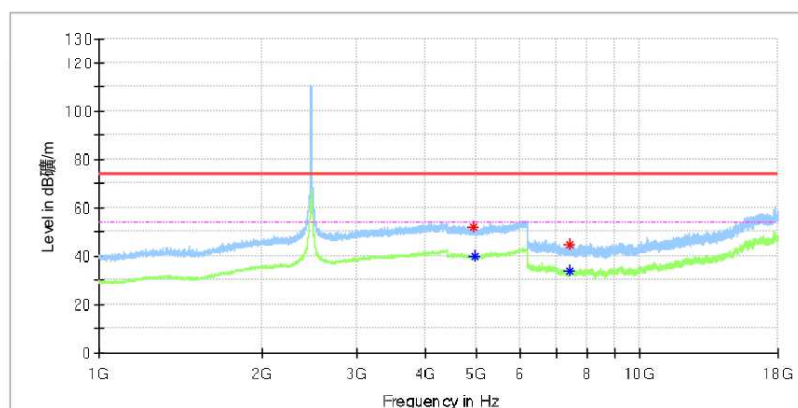
EMI Auto Test(1)

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Test Report

EUT Information

EUT Name: Digital media receiver
Model: B7W644
TestMode: Wi-Fi 2.4G 11n_Ch12
TestVoltage: AC 120V@60Hz
Remark: Temp 24 Humi:45%
TestStandard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4928.000000	51.86	---	74.00	22.14	100.0	H	342.0	13.3
4939.000000	---	39.96	54.00	14.04	100.0	H	210.0	13.3
7404.091667	---	33.75	54.00	20.25	100.0	H	12.0	8.3
7411.958333	45.00	---	74.00	29.00	100.0	H	2.0	8.3

Final Result

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

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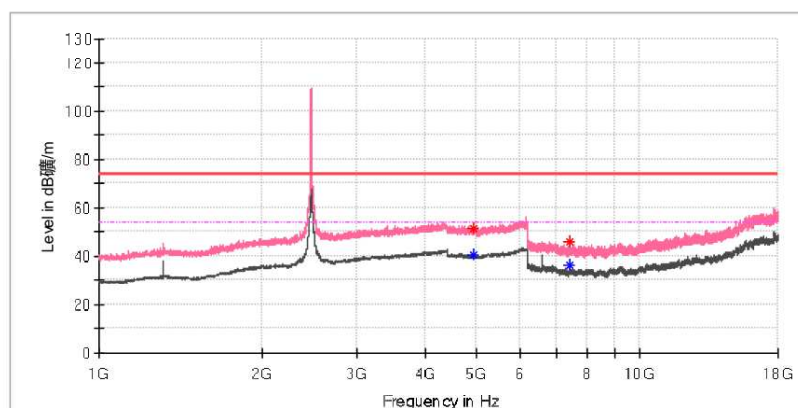
EMI Auto Test(1)

8 / 10

Test Report

EUT Information

EUT Name: Digital media receiver
Model: B7W644
TestMode: Wi-Fi 2.4G 11n_Ch12
TestVoltage: AC 120V@60Hz
Remark: Temp 24 Humi:45%
TestStandard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4925.000000	---	40.23	54.00	13.77	100.0	V	153.0	13.3
4932.000000	51.42	---	74.00	22.58	100.0	V	314.0	13.3
7401.141667	---	36.20	54.00	17.80	100.0	V	258.0	8.3
7403.108333	45.78	---	74.00	28.22	100.0	V	258.0	8.3

Final Result

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

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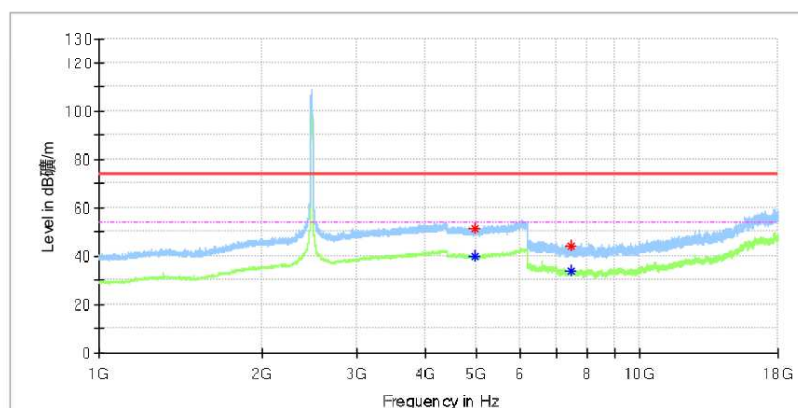
EMI Auto Test(1)

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Test Report

EUT Information

EUT Name: Digital media receiver
Model: B7W644
TestMode: Wi-Fi 2.4G 11n_Ch13
TestVoltage: AC 120V@60Hz
Remark: Temp 24 Humi:45%
TestStandard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4943.000000	51.49	---	74.00	22.51	100.0	H	318.0	13.2
4946.500000	---	40.02	54.00	13.98	100.0	H	69.0	13.2
7438.016667	---	34.12	54.00	19.88	100.0	H	113.0	8.4
7439.983333	44.31	---	74.00	29.69	100.0	H	342.0	8.4

Final Result

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

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8:47:48 AM

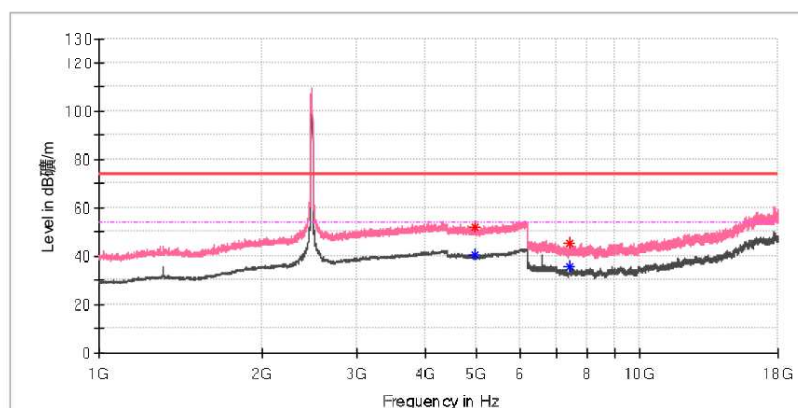
EMI Auto Test(1)

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Test Report

EUT Information

EUT Name: Digital media receiver
Model: B7W644
TestMode: Wi-Fi 2.4G 11n_Ch13
TestVoltage:: AC 120V@60Hz
Remark: Temp 24 Humi:45%
TestStandard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4944.500000	52.29	---	74.00	21.71	100.0	V	336.0	13.2
4947.000000	---	40.48	54.00	13.52	100.0	V	285.0	13.2
7410.975000	45.19	---	74.00	28.81	100.0	V	260.0	8.3
7414.908333	---	35.63	54.00	18.37	100.0	V	260.0	8.3

Final Result

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

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Appendix B.6: Test Results of Radiated Emissions in Restricted Bands Wi-Fi 802.11 b mode, 1 Mbps

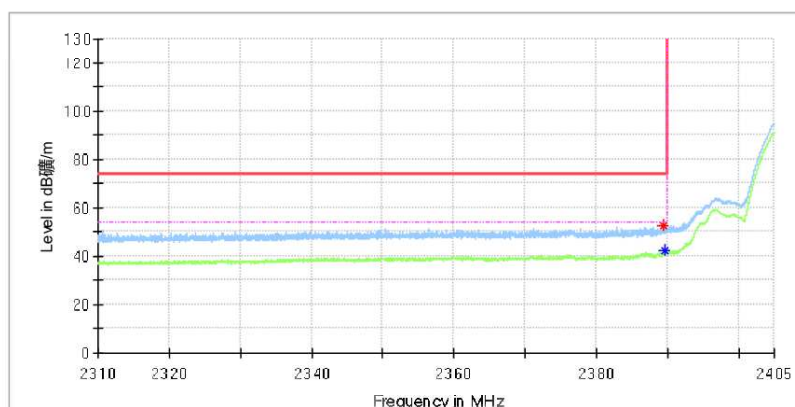
EMI Auto Test(1)

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Test Report

EUT Information

EUT Name:	Digital media receiver
Model:	B7W644
Test Mode:	Wi-Fi 2.4G 11b_Ch1
Test Voltage::	AC 120V@60Hz
Remark:	Temp 24 Humi:45%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2389.422794	52.47	---	74.00	21.53	100.0	H	280.0	7.0
2389.744118	---	42.62	54.00	11.38	100.0	H	280.0	7.0

Final Result

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

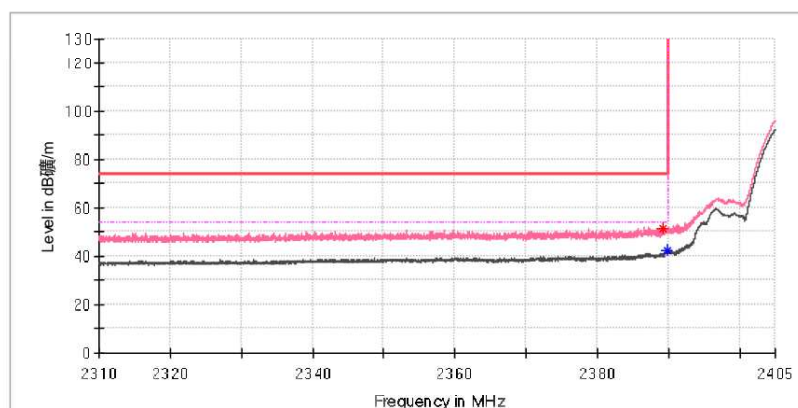
EMI Auto Test(1)

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Test Report

EUT Information

EUT Name: Digital media receiver
Model: B7W644
TestMode: Wi-Fi 2.4G 11b_Ch1
Test Voltage: AC 120V@60Hz
Remark: Temp 24 Humi:45%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2389.283088	51.58	---	74.00	22.42	100.0	V	212.0	7.0
2389.758088	---	42.03	54.00	11.97	100.0	V	224.0	7.0

Final Result

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

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3:04:27 PM

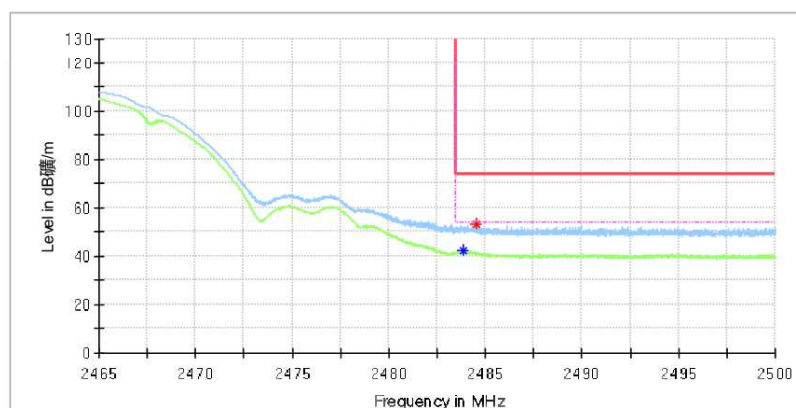
EMI Auto Test(1)

3 / 8

Test Report

EUT Information

EUT Name: Digital media receiver
Model: B7W644
TestMode: Wi-Fi 2.4G 11b_Ch11
Test Voltage: AC 120V@60Hz
Remark: Temp 24 Humi:45%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.858824	---	42.36	54.00	11.64	100.0	H	346.0	7.4
2484.563971	53.16	---	74.00	20.84	100.0	H	359.0	7.4

Final Result

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

25/5/2020

3:04:27 PM

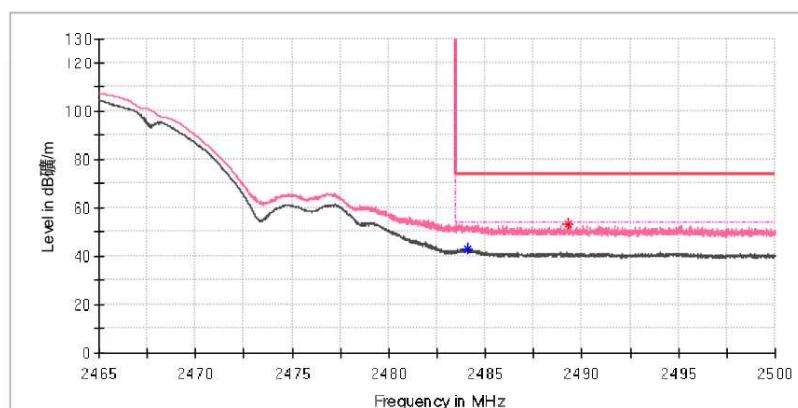
EMI Auto Test(1)

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Test Report

EUT Information

EUT Name: Digital media receiver
Model: B7W644
TestMode: Wi-Fi 2.4G 11b_Ch11
Test Voltage: AC 120V@60Hz
Remark: Temp 24 Humi:45%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2484.064706	---	43.11	54.00	10.89	100.0	V	136.0	7.4
2489.319853	53.17	---	74.00	20.83	100.0	V	218.0	7.4

Final Result

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

25/5/2020

3:04:27 PM

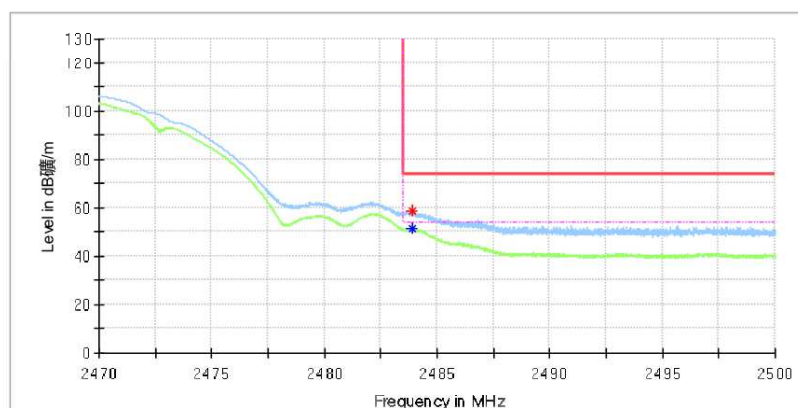
EMI Auto Test(1)

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Test Report

EUT Information

EUT Name:	Digital media receiver
Model:	B7W644
TestMode:	Wi-Fi 2.4G 11b_Ch12
Test Voltage::	AC 120V@60Hz
Remark:	Temp 24 Humi:45%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.888235	---	51.68	54.00	2.32	100.0	H	313.0	7.4
2483.905882	58.41	---	74.00	15.59	100.0	H	313.0	7.4

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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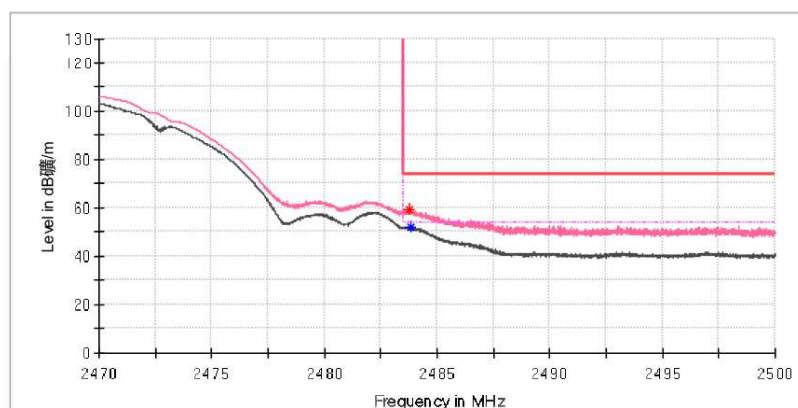
EMI Auto Test(1)

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Test Report

EUT Information

EUT Name:	Digital media receiver
Model:	B7W644
TestMode:	Wi-Fi 2.4G 11b_Ch12
Test Voltage::	AC 120V@60Hz
Remark:	Temp 24 Humi:45%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.769118	59.13	---	74.00	14.87	100.0	V	104.0	7.4
2483.808824	---	51.83	54.00	2.17	100.0	V	104.0	7.4

Final Result

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