

**Band Edge**

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B-CDD	Ant1	Low	2412	8.56	-41.79	≤-11.44	PASS
		High	2462	8.37	-46.29	≤-11.63	PASS
11G-CDD	Ant1	Low	2412	0.39	-36.2	≤-19.61	PASS
		High	2462	0.45	-46.49	≤-19.55	PASS
11N20MIMO	Ant1	Low	2412	-0.75	-35.5	≤-20.75	PASS
		High	2462	-0.90	-47.13	≤-20.9	PASS
11N40MIMO	Ant1	Low	2422	-2.57	-45.48	≤-22.57	PASS
		High	2452	-2.92	-46.57	≤-22.92	PASS
11AX20MIMO	Ant1	Low	2412	-0.57	-34.88	≤-20.57	PASS
		High	2462	-1.04	-46.26	≤-21.04	PASS
11AX40MIMO	Ant1	Low	2422	-4.83	-44.72	≤-24.83	PASS
		High	2452	-4.99	-46.37	≤-24.99	PASS

11B-CDD\_Ant1\_Low\_2412



11B-CDD\_Ant1\_High\_2462



11G-CDD\_Ant1\_Low\_2412



11G-CDD\_Ant1\_High\_2462



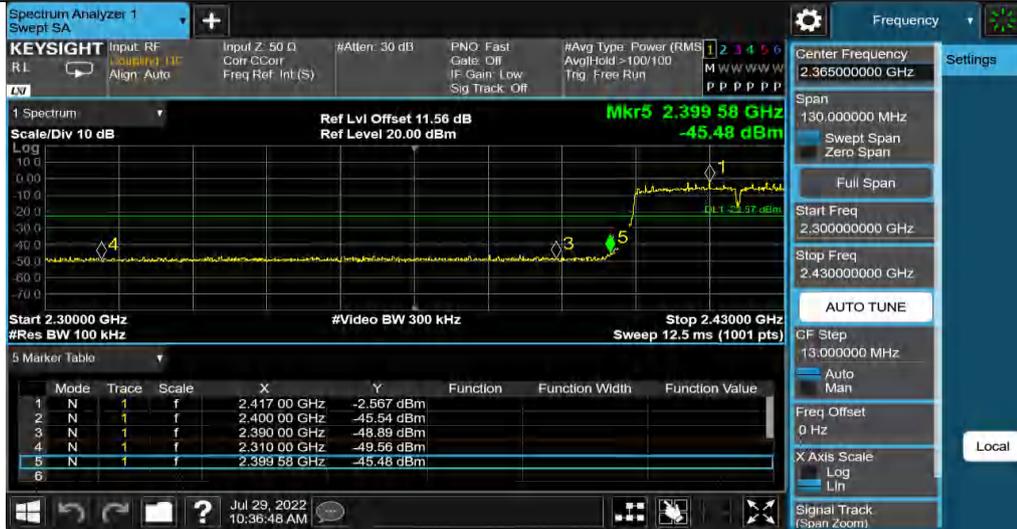
11N20MIMO\_Ant1\_Low\_2412



11N20MIMO\_Ant1\_High\_2462



11N40MIMO\_Ant1\_Low\_2422



11N40MIMO\_Ant1\_High\_2452



11AX20MIMO\_Ant1\_Low\_2412



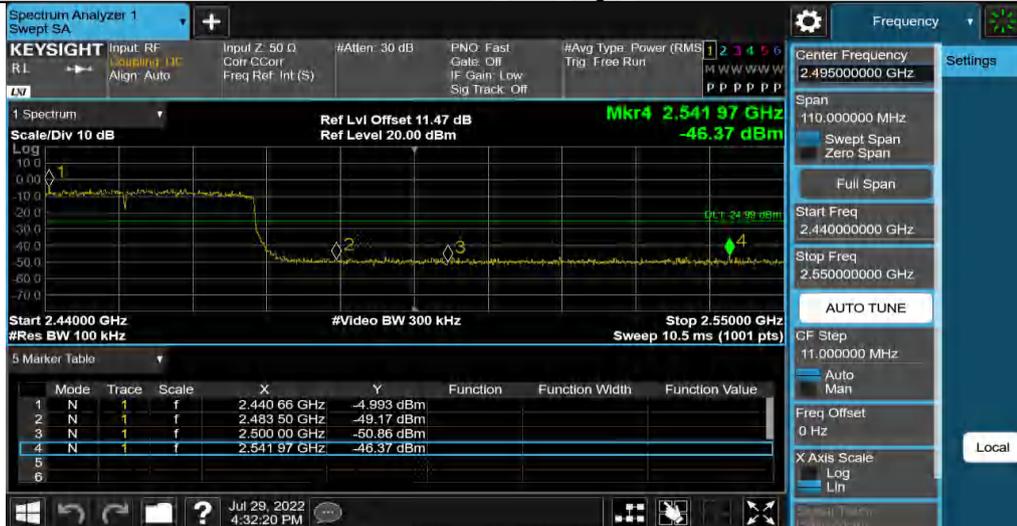
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11AX40MIMO\_Ant1\_Low\_2422



11AX40MIMO\_Ant1\_High\_2452

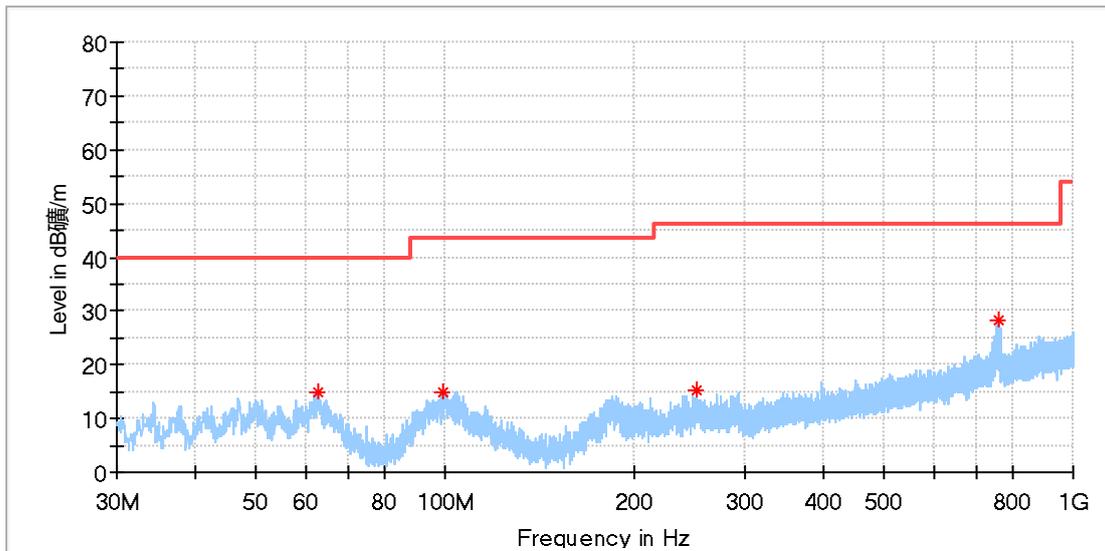


### Appendix B.5: Test Results of Radiated Spurious Emissions

Note: 1. Testing was carried out within frequency range 9kHz to the tenth harmonics. The measurement results below 30MHz and 18GHz - 26.5GHz were greater than 20dB below the limit, so only the radiated spurious emissions from 30MHz to 18GHz were reported.  
2. This testing was carried out on different modulations, but only the worst cases were presented in this report.  
**30MHz - 1GHz (Worst case)**

### EUT Information

EUT Name:	Home Gateway
Model:	E3330
Test Mode:	WIFI 2.4G_11b_Ch6
Order No/Sample No:	168377514/A003283346-001
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



### Critical\_Freqs

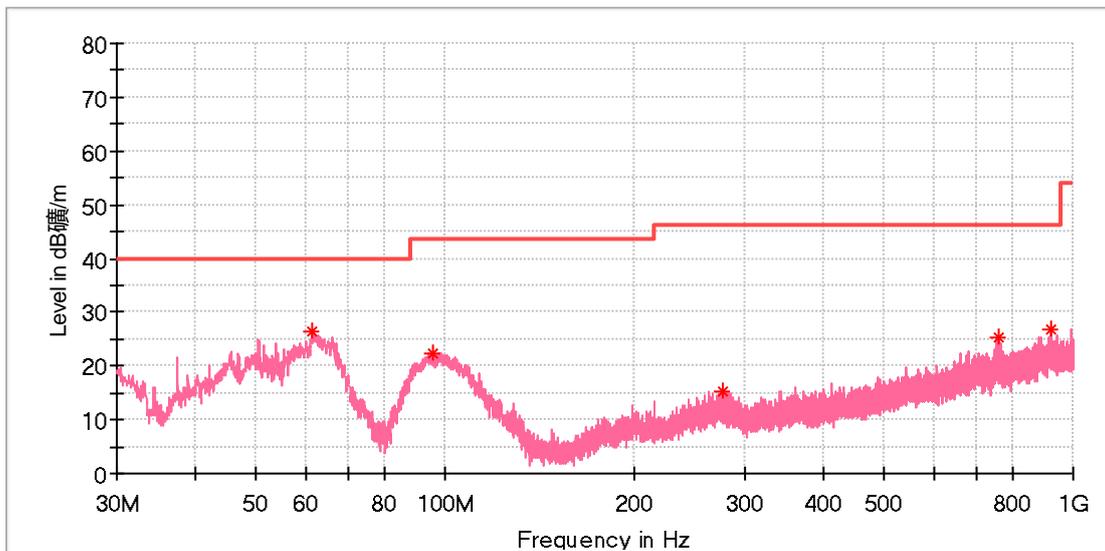
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
62.830769	14.87	40.00	25.13	100.0	H	58.0	-19.9
99.131154	14.82	43.50	28.68	100.0	H	67.0	-19.4
251.831539	15.15	46.00	30.85	100.0	H	248.0	-17.7
759.365385	28.17	46.00	17.83	100.0	H	266.0	-7.4

### Final\_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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### EUT Information

EUT Name:	Home Gateway
Model:	E3330
Test Mode:	WIFI 2.4G_11b_Ch6
Order No/Sample No:	168377514/A003283346-001
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



### Critical\_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
61.450385	26.39	40.00	13.61	100.0	V	347.0	-19.6
95.400385	22.41	43.50	21.09	100.0	V	311.0	-20.0
276.641154	15.42	46.00	30.58	100.0	V	4.0	-17.1
759.104231	25.22	46.00	20.78	100.0	V	295.0	-7.4
919.564615	26.90	46.00	19.11	100.0	V	212.0	-5.2

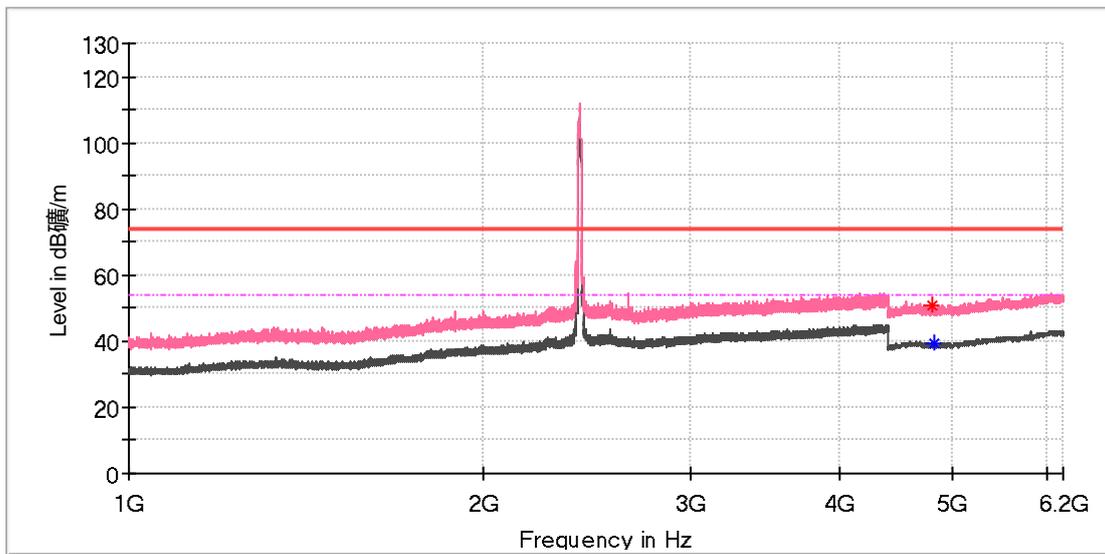
### Final\_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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### EUT Information

EUT Name:	Home Gateway
Model:	E3330
Test Mode:	WIFI 2.4G_11b_Ch1
Order No/Sample No:	168377514/A003283346-001
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



### Critical\_Freqs

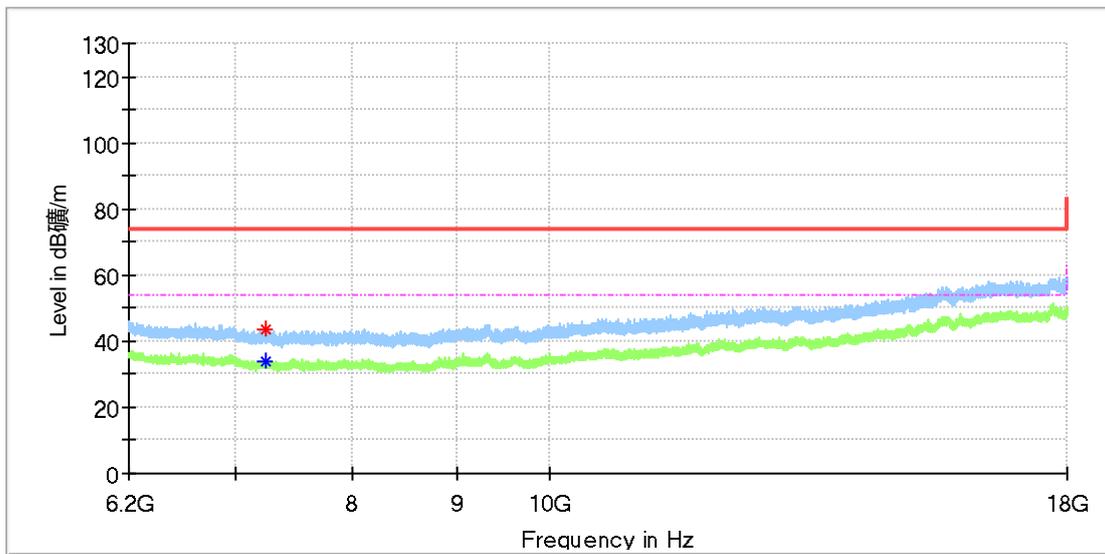
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4806.500000	50.67	---	74.00	23.33	100.0	V	309.0	11.8
4812.500000	---	39.21	54.00	14.79	100.0	V	266.0	11.8

### Final\_Result

Frequency (MHz)	MaxPeak (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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### EUT Information

EUT Name: Home Gateway  
 Model: E3330  
 Test Mode: WIFI 2.4G\_11b\_Ch1  
 Order No/Sample No: 168377514/A003283346-001  
 Test Voltage:: 120V/60Hz  
 Remark: Temp 23 Humi:53%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical\_Freqs

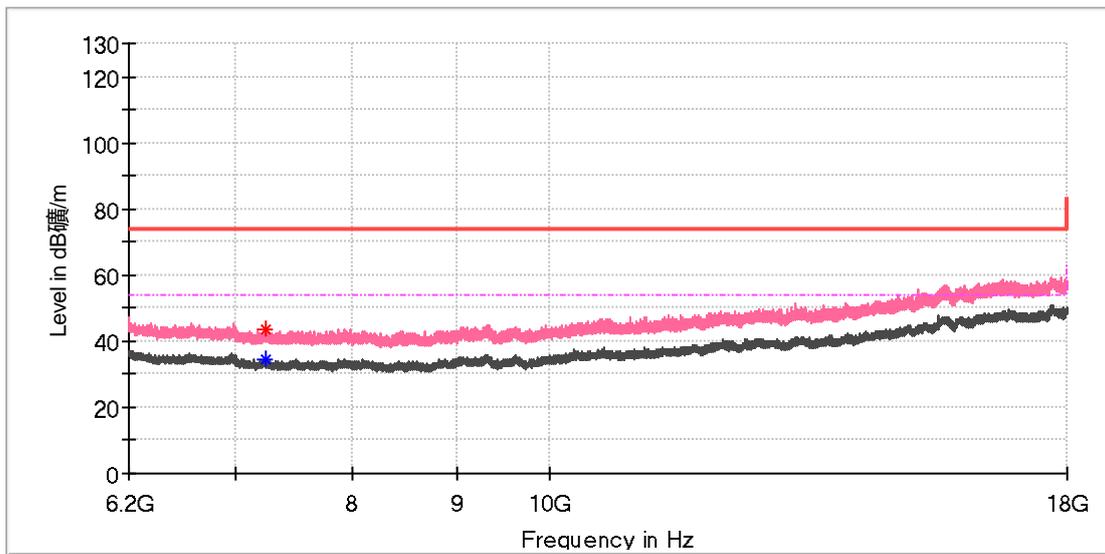
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7235.450000	43.28	---	74.00	30.72	100.0	H	242.0	8.6
7236.433333	---	33.74	54.00	20.26	100.0	H	57.0	8.6

### Final\_Result

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

### EUT Information

EUT Name: Home Gateway  
 Model: E3330  
 Test Mode: WIFI 2.4G\_11b\_Ch1  
 Order No/Sample No: 168377514/A003283346-001  
 Test Voltage:: 120V/60Hz  
 Remark: Temp 23 Humi:53%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical\_Freqs

Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7242.825000	---	34.38	54.00	19.62	100.0	V	46.0	8.6
7249.216667	43.48	---	74.00	30.52	100.0	V	154.0	8.5

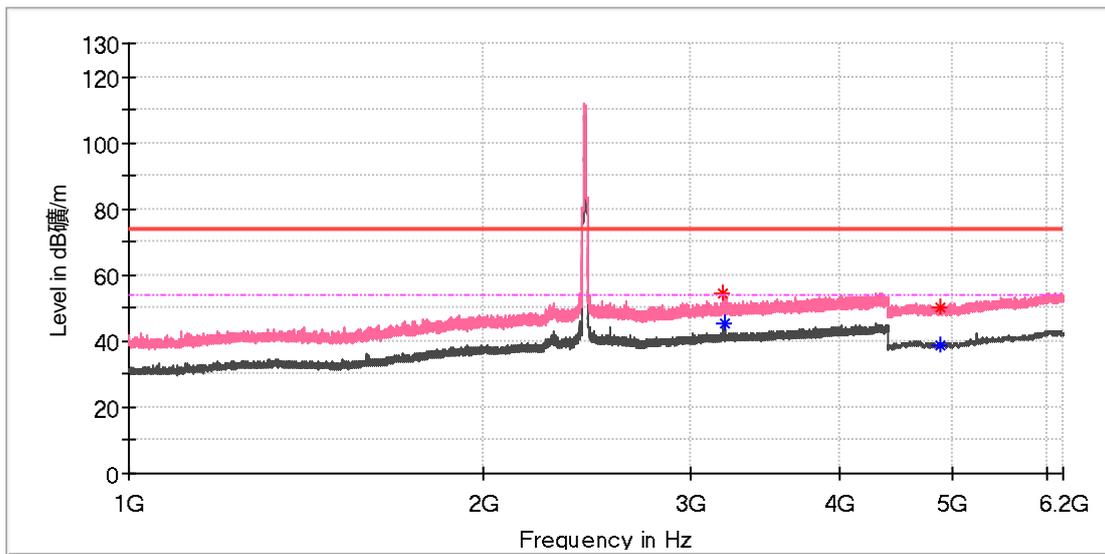
### Final\_Result

Frequency (MHz)	MaxPeak (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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### EUT Information

EUT Name: Home Gateway  
 Model: E3330  
 Test Mode: WIFI 2.4G\_11b\_Ch6  
 Order No/Sample No: 168377514/A003283346-001  
 Test Voltage:: 120V/60Hz  
 Remark: Temp 23 Humi:53%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical\_Freqs

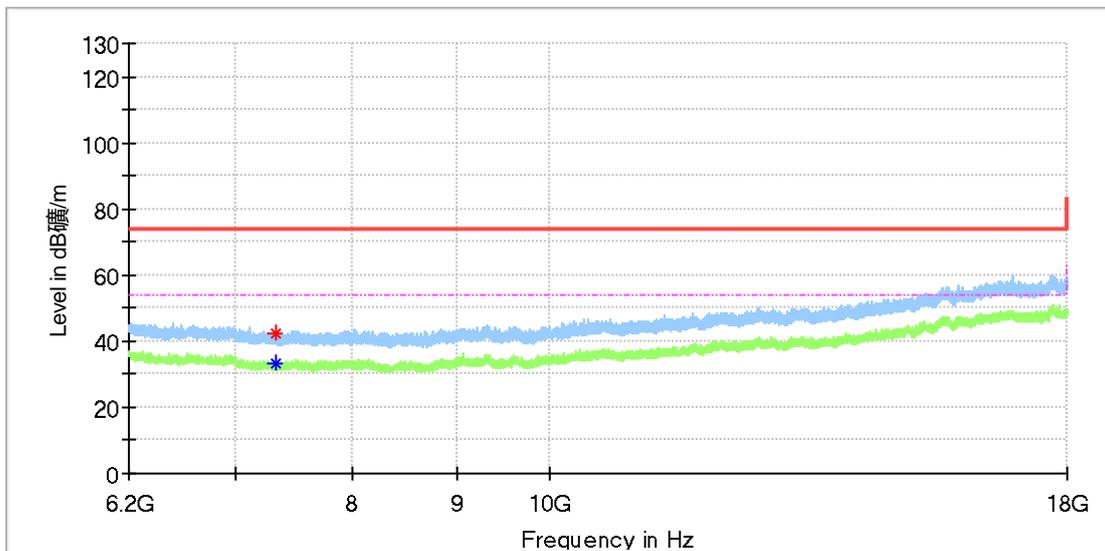
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
3194.190000	54.54	---	74.00	19.46	100.0	V	306.0	8.6
3199.630000	---	45.16	54.00	8.84	100.0	V	282.0	8.6
4870.000000	50.04	---	74.00	23.96	100.0	V	158.0	11.8
4871.000000	---	38.95	54.00	15.05	100.0	V	259.0	11.8

### Final\_Result

Frequency (MHz)	MaxPeak (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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### EUT Information

EUT Name: Home Gateway  
 Model: E3330  
 Test Mode: WIFI 2.4G\_11b\_Ch6  
 Order No/Sample No: 168377514/A003283346-001  
 Test Voltage:: 120V/60Hz  
 Remark: Temp 23 Humi:53%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical\_Freqs

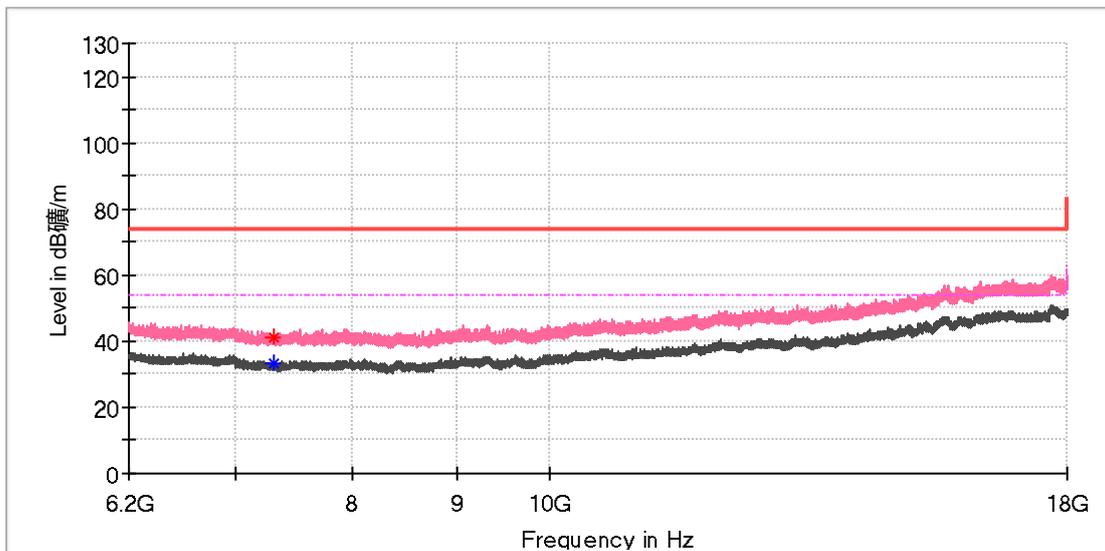
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7324.933333	---	33.25	54.00	20.76	100.0	H	123.0	8.2
7328.866667	42.30	---	74.00	31.70	100.0	H	257.0	8.1

### Final\_Result

Frequency (MHz)	MaxPeak (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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### EUT Information

EUT Name:	Home Gateway
Model:	E3330
Test Mode:	WIFI 2.4G_11b_Ch6
Order No/Sample No:	168377514/A003283346-001
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



### Critical\_Freqs

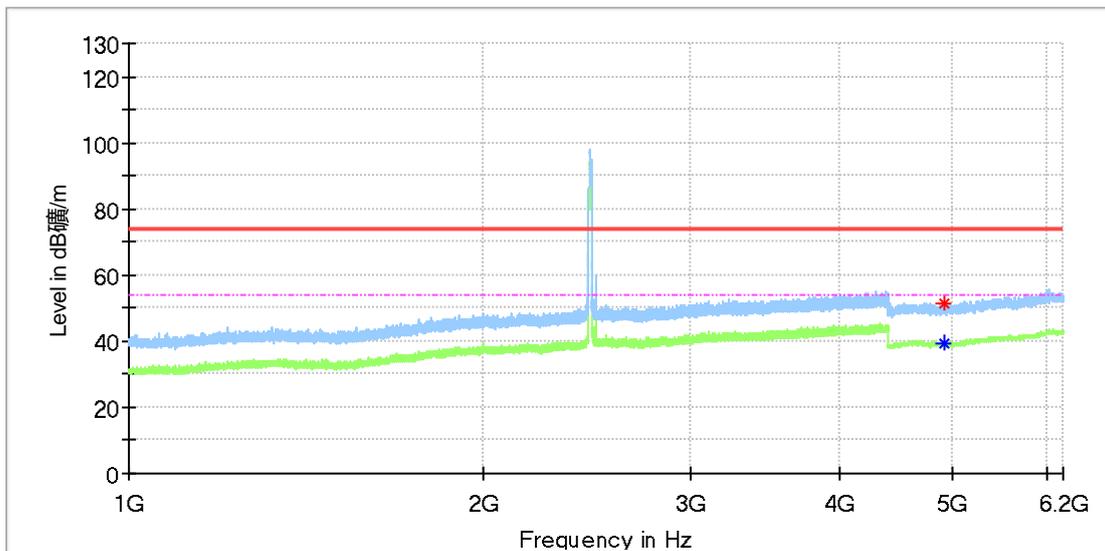
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7302.808333	---	32.96	54.00	21.04	100.0	V	232.0	8.3
7313.625000	41.08	---	74.00	32.92	100.0	V	359.0	8.2

### Final\_Result

Frequency (MHz)	MaxPeak (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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### EUT Information

EUT Name: Home Gateway  
 Model: E3330  
 Test Mode: WIFI 2.4G\_11b\_Ch11  
 Order No/Sample No: 168377514/A003283346-001  
 Test Voltage:: 120V/60Hz  
 Remark: Temp 23 Humi:53%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical\_Freqs

Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4910.000000	51.14	---	74.00	22.86	100.0	H	255.0	11.8
4916.000000	---	39.31	54.00	14.69	100.0	H	297.0	11.8

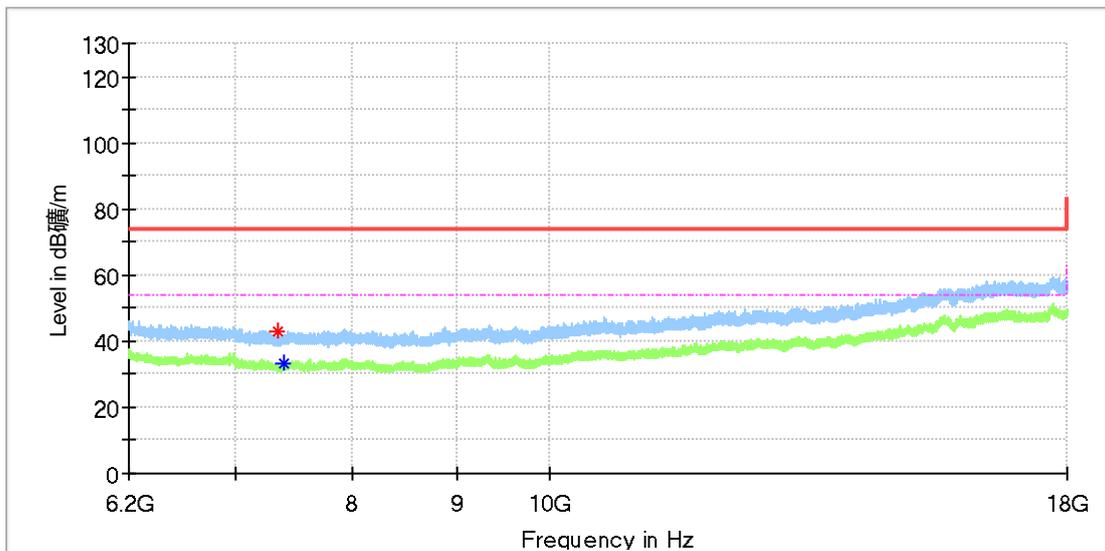
### Final\_Result

Frequency (MHz)	MaxPeak (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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### EUT Information

EUT Name:	Home Gateway
Model:	E3330
Test Mode:	WIFI 2.4G_11b_Ch11
Order No/Sample No:	168377514/A003283346-001
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



### Critical\_Freqs

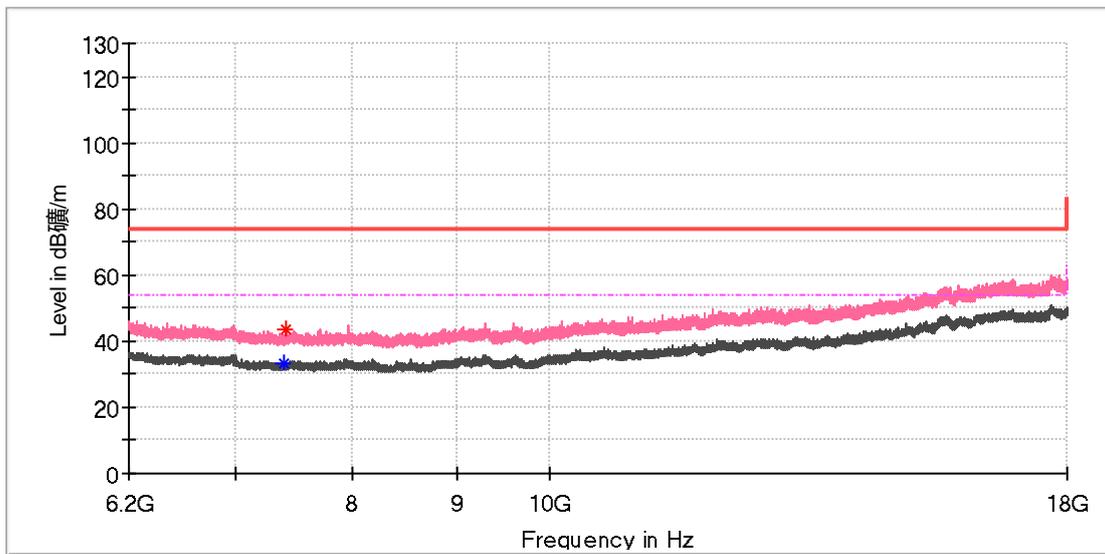
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7347.058333	42.84	---	74.00	31.16	100.0	H	223.0	8.1
7386.883333	---	33.33	54.00	20.67	100.0	H	247.0	8.2

### Final\_Result

Frequency (MHz)	MaxPeak (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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### EUT Information

EUT Name: Home Gateway  
 Model: E3330  
 Test Mode: WIFI 2.4G\_11b\_Ch11  
 Order No/Sample No: 168377514/A003283346-001  
 Test Voltage:: 120V/60Hz  
 Remark: Temp 23 Humi:53%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical\_Freqs

Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7386.391667	---	33.34	54.00	20.66	100.0	V	287.0	8.2
7403.108333	43.25	---	74.00	30.75	100.0	V	77.0	8.3

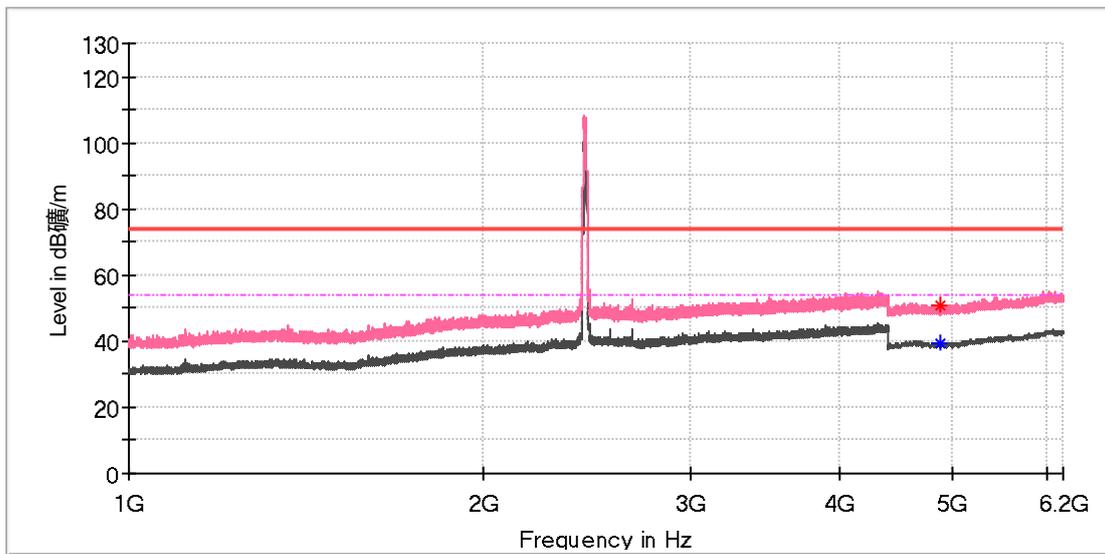
### Final\_Result

Frequency (MHz)	MaxPeak (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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### EUT Information

EUT Name:	Home Gateway
Model:	E3330
Test Mode:	WIFI 2.4G_11g_Ch6
Order No/Sample No:	168377514/A003283346-001
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



### Critical\_Freqs

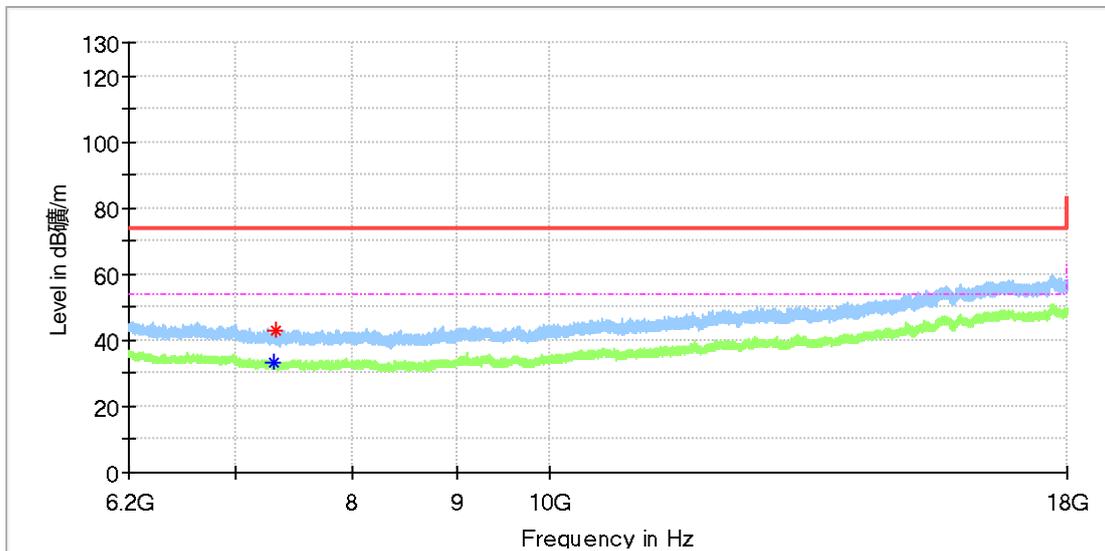
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4872.500000	50.50	---	74.00	23.50	100.0	V	272.0	11.8
4873.000000	---	39.12	54.00	14.88	100.0	V	173.0	11.8

### Final\_Result

Frequency (MHz)	MaxPeak (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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### EUT Information

EUT Name: Home Gateway  
 Model: E3330  
 Test Mode: WIFI 2.4G\_11g\_Ch6  
 Order No/Sample No: 168377514/A003283346-001  
 Test Voltage:: 120V/60Hz  
 Remark: Temp 23 Humi:53%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical\_Freqs

Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7313.133333	---	33.33	54.00	20.67	100.0	H	70.0	8.2
7321.000000	43.02	---	74.00	30.98	100.0	H	81.0	8.2

### Final\_Result

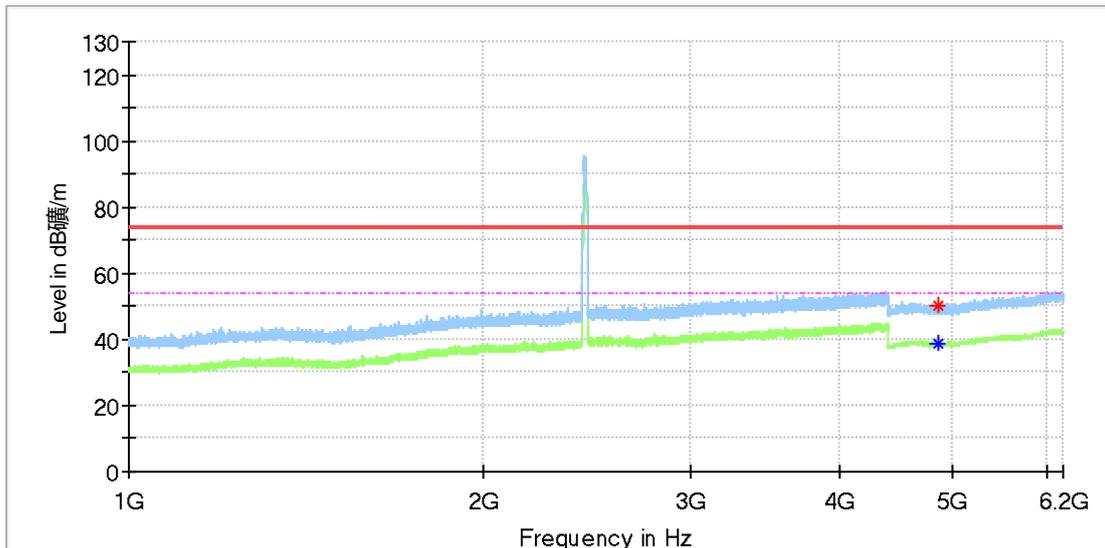
Frequency (MHz)	MaxPeak (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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**802.11ax (HE20):**

**EUT Information**

EUT Name:	Home Gateway
Model:	E3330
Test Mode:	WIFI 2.4G_11ax20_Ch6
Order No/Sample No:	168377514/A003283346-001
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



**Critical\_Freqs**

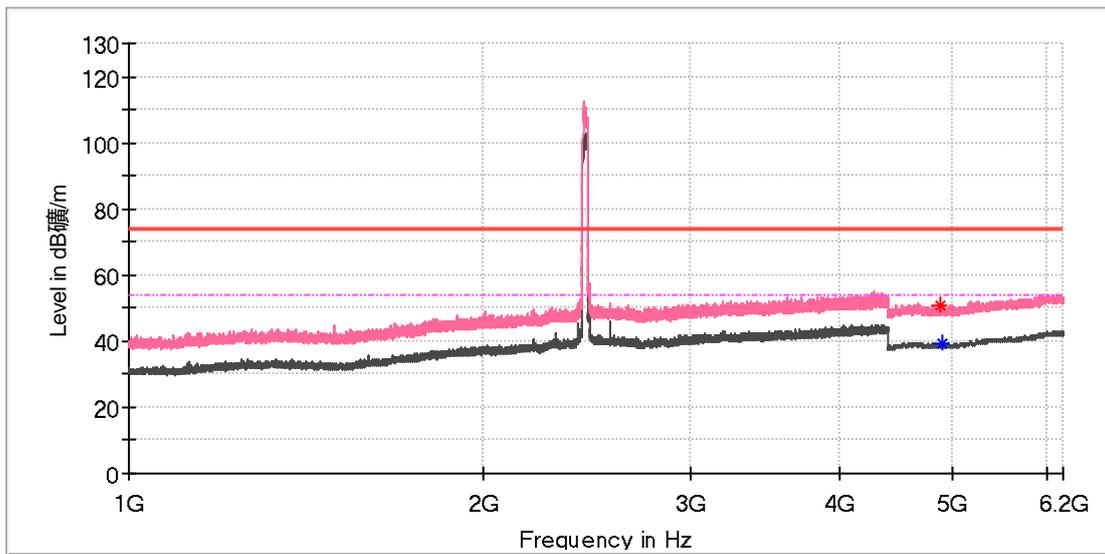
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4860.000000	50.33	---	74.00	23.67	100.0	H	93.0	11.8
4860.000000	---	38.77	54.00	15.23	100.0	H	93.0	11.8

**Final\_Result**

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

EUT Name:	Home Gateway
Model:	E3330
Test Mode:	WIFI 2.4G_11ax20_Ch6
Order No/Sample No:	168377514/A003283346-001
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



### Critical\_Freqs

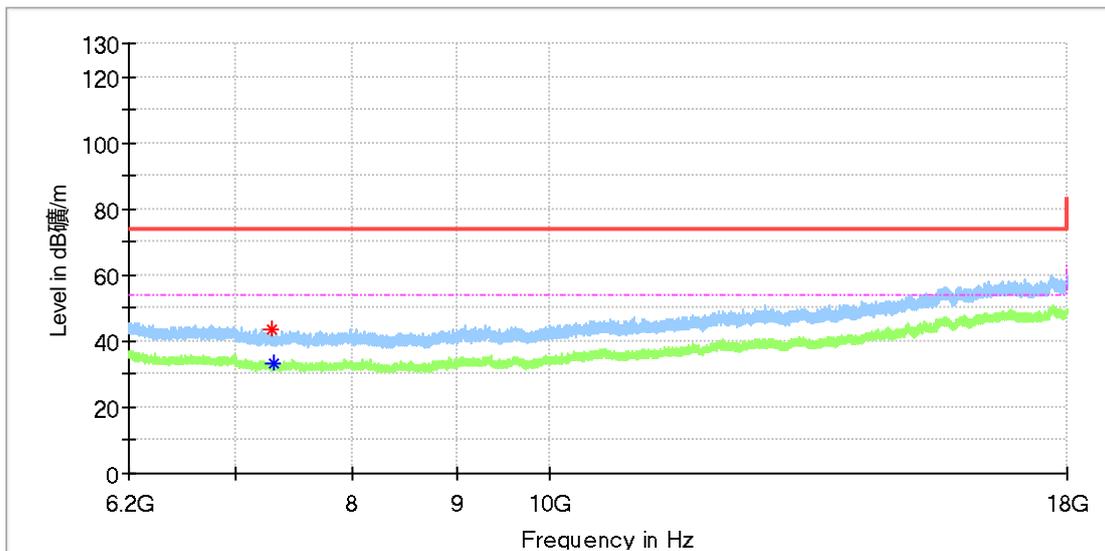
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4872.500000	50.64	---	74.00	23.36	100.0	V	325.0	11.8
4898.000000	---	39.08	54.00	14.92	100.0	V	245.0	11.8

### Final\_Result

Frequency (MHz)	MaxPeak (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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### EUT Information

EUT Name:	Home Gateway
Model:	E3330
Test Mode:	WIFI 2.4G_11ax20_Ch6
Order No/Sample No:	168377514/A003283346-001
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



### Critical\_Freqs

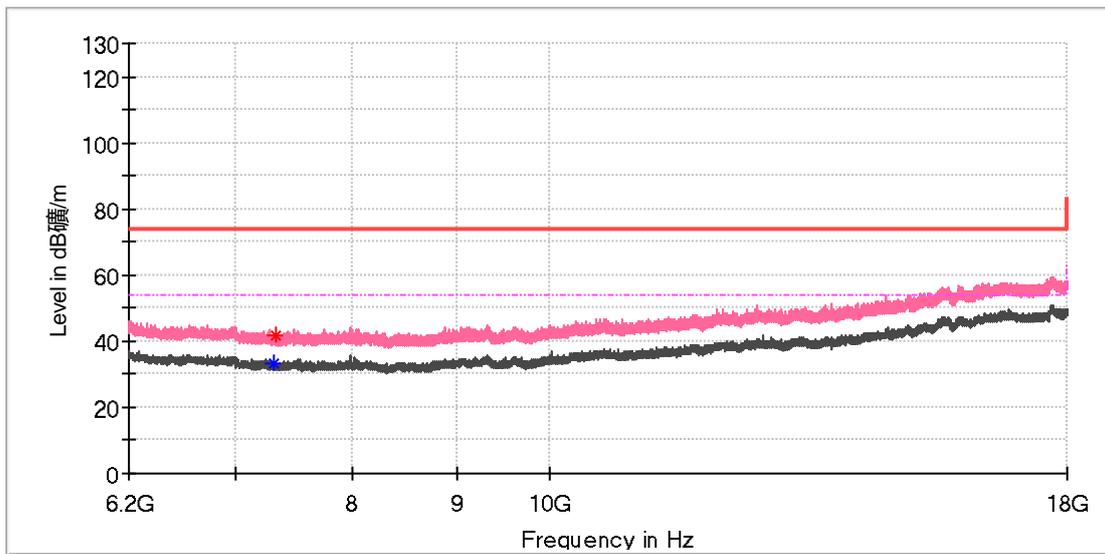
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7285.108333	43.35	---	74.00	30.65	100.0	H	97.0	8.4
7313.625000	---	33.21	54.00	20.79	100.0	H	266.0	8.2

### Final\_Result

Frequency (MHz)	MaxPeak (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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### EUT Information

EUT Name: Home Gateway  
 Model: E3330  
 Test Mode: WIFI 2.4G\_11ax20\_Ch6  
 Order No/Sample No: 168377514/A003283346-001  
 Test Voltage:: 120V/60Hz  
 Remark: Temp 23 Humi:53%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical\_Freqs

Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7306.250000	---	33.43	54.00	20.57	100.0	V	301.0	8.3
7327.883333	41.76	---	74.00	32.24	100.0	V	27.0	8.1

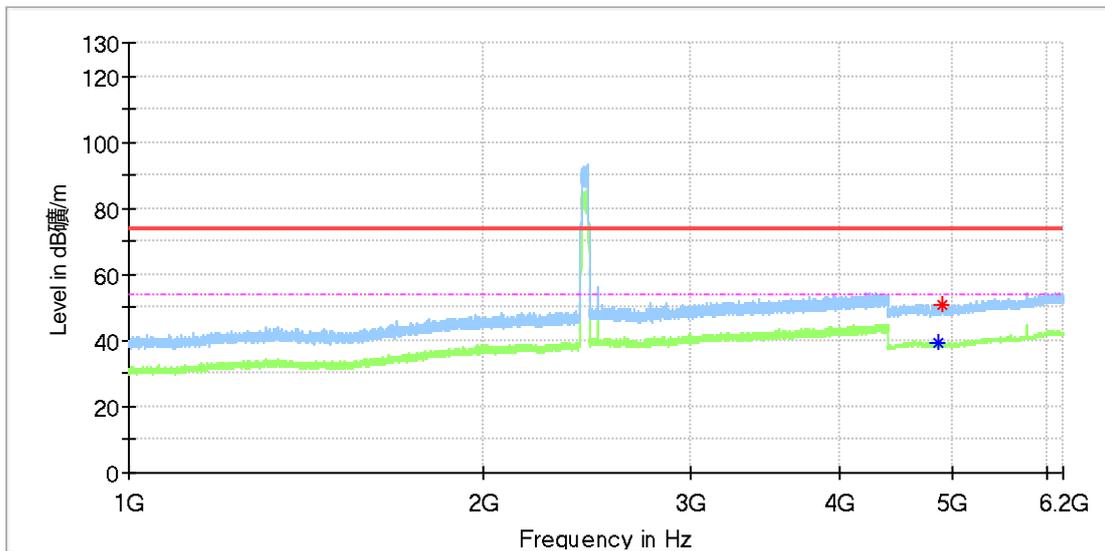
### Final\_Result

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

**802.11n (H40):**

**EUT Information**

EUT Name:	Home Gateway
Model:	E3330
Test Mode:	WIFI 2.4G_11n40_Ch6
Order No/Sample No:	168377514/A003283346-001
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



**Critical\_Freqs**

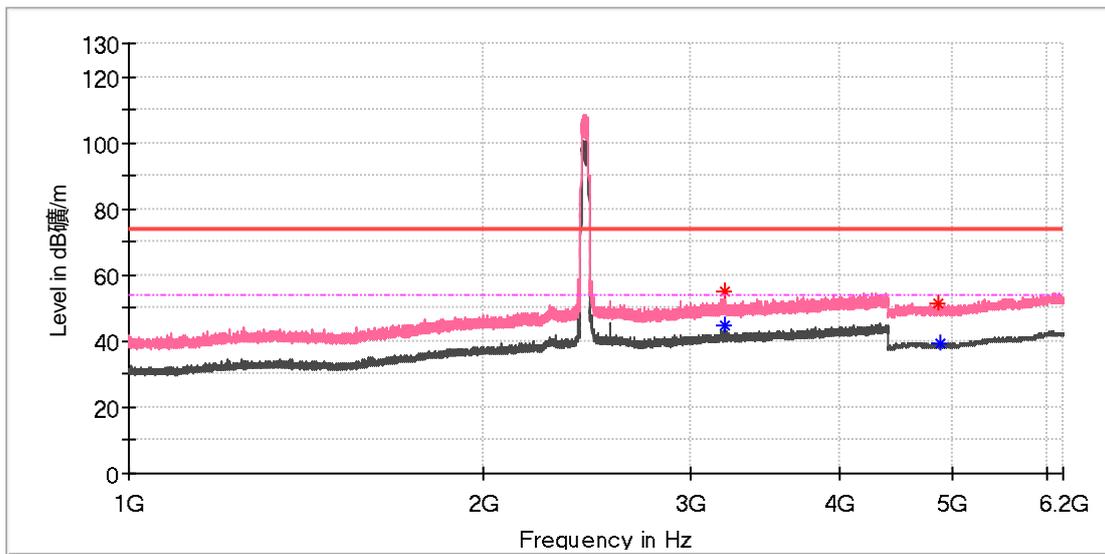
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4856.500000	---	39.15	54.00	14.85	100.0	H	280.0	11.8
4898.000000	51.04	---	74.00	22.96	100.0	H	232.0	11.8

**Final\_Result**

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

### EUT Information

EUT Name: Home Gateway  
 Model: E3330  
 Test Mode: WIFI 2.4G\_11n40\_Ch6  
 Order No/Sample No: 168377514/A003283346-001  
 Test Voltage:: 120V/60Hz  
 Remark: Temp 23 Humi:53%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical\_Freqs

Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
3196.230000	---	45.00	54.00	9.00	100.0	V	269.0	8.6
3199.290000	54.79	---	74.00	19.21	100.0	V	269.0	8.6
4855.500000	51.44	---	74.00	22.56	100.0	V	59.0	11.8
4871.500000	---	39.00	54.00	15.00	100.0	V	296.0	11.8

### Final\_Result

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





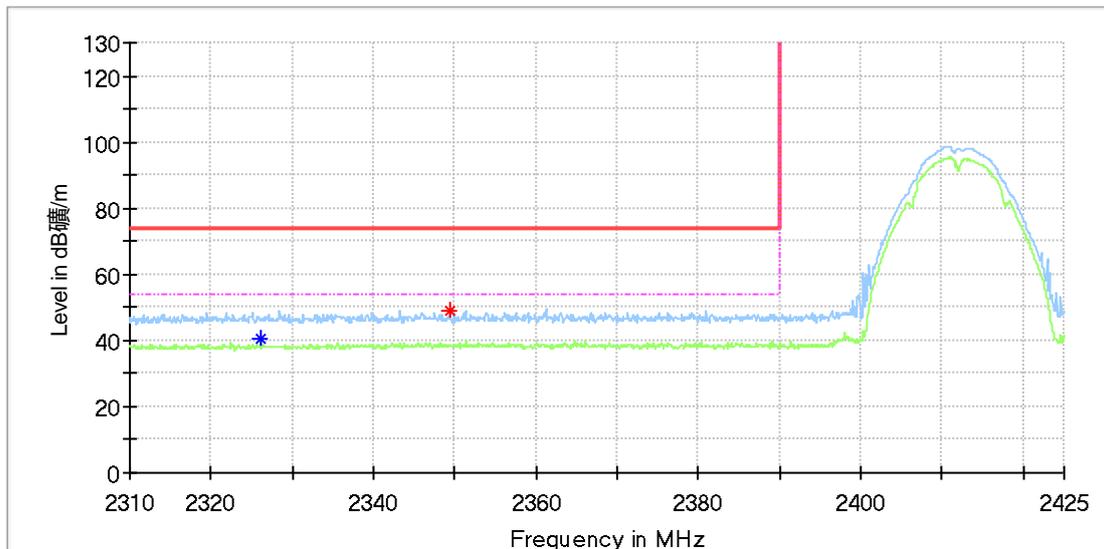
## Appendix B.6: Test Results of Radiated Emissions in Restricted Bands

This testing was carried out on different modulations, but only the worst cases were presented in this report.

### 802.11b:

### EUT Information

EUT Name:	Home Gateway
Model:	E3330
Test Mode:	WIFI 2.4G_11b_Ch1
Order No/Sample No:	168377514/A003283346-001
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



### Critical\_Freqs

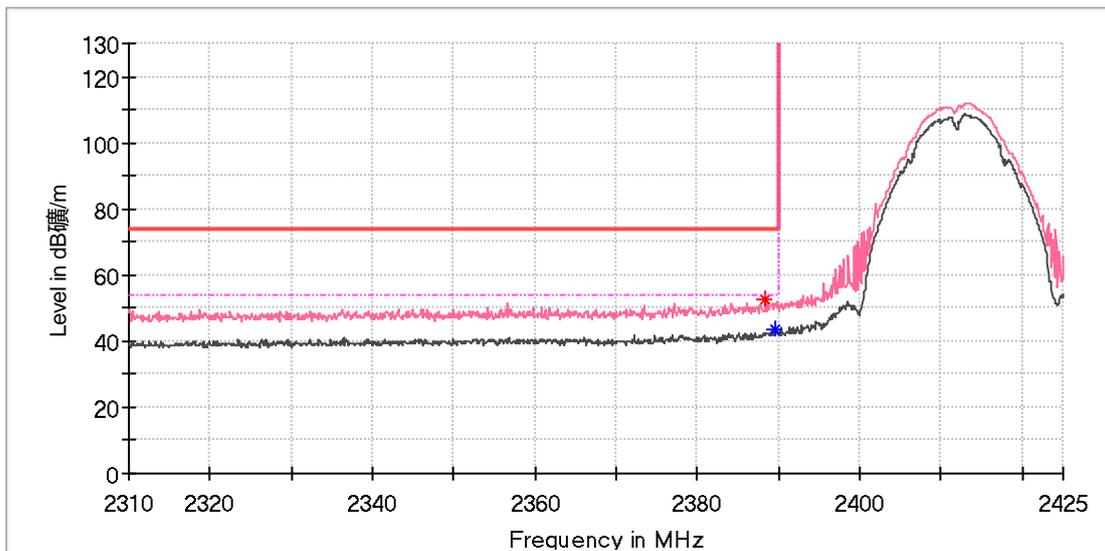
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2326.100000	---	40.54	54.00	13.46	100.0	H	155.0	6.7
2349.400000	49.19	---	74.00	24.81	100.0	H	343.0	6.9

### Final\_Result

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

### EUT Information

EUT Name: Home Gateway  
 Model: E3330  
 Test Mode: WIFI 2.4G\_11b\_Ch1  
 Order No/Sample No: 168377514/A003283346-001  
 Test Voltage:: 120V/60Hz  
 Remark: Temp 23 Humi:53%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical\_Freqs

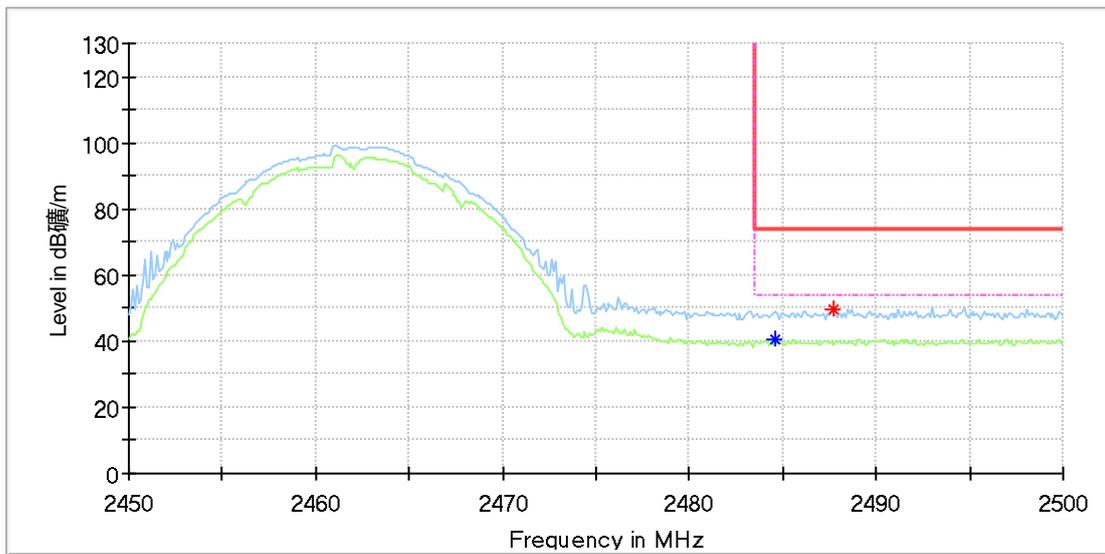
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2388.300000	52.51	---	74.00	21.49	100.0	V	157.0	7.0
2389.500000	---	43.40	54.00	10.60	100.0	V	157.0	7.0

### Final\_Result

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

### EUT Information

EUT Name: Home Gateway  
 Model: E3330  
 Test Mode: WIFI 2.4G\_11b\_Ch11  
 Order No/Sample No: 168377514/A003283346-001  
 Test Voltage:: 120V/60Hz  
 Remark: Temp 23 Humi:53%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical\_Freqs

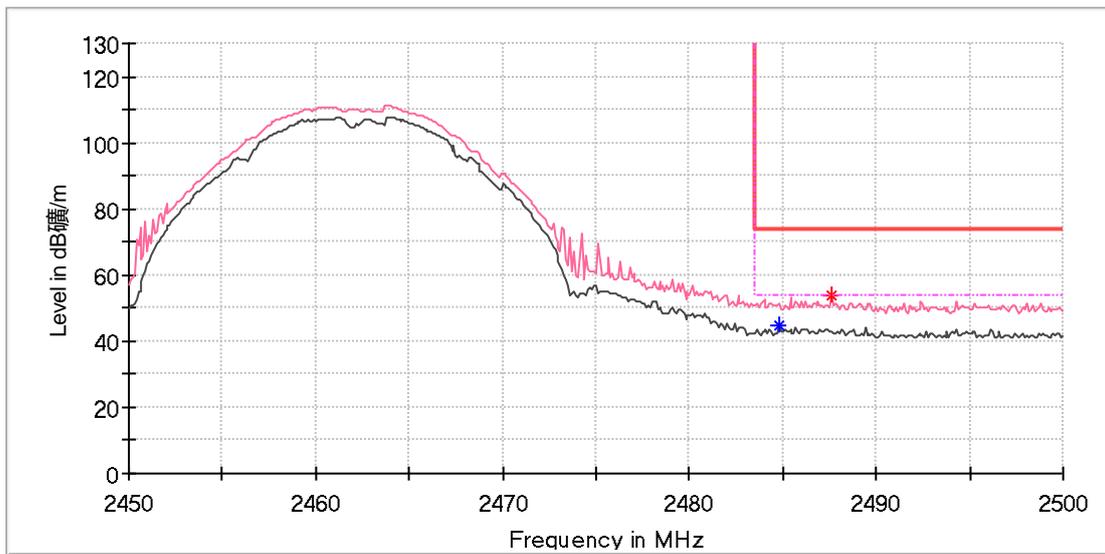
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2484.600000	---	40.24	54.00	13.76	100.0	H	111.0	7.4
2487.700000	49.31	---	74.00	24.69	100.0	H	165.0	7.4

### Final\_Result

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

### EUT Information

EUT Name:	Home Gateway
Model:	E3330
Test Mode:	WIFI 2.4G_11b_Ch11
Order No/Sample No:	168377514/A003283346-001
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



### Critical\_Freqs

Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2484.800000	---	44.74	54.00	9.26	100.0	V	134.0	7.4
2487.600000	53.90	---	74.00	20.10	100.0	V	143.0	7.4

### Final\_Result

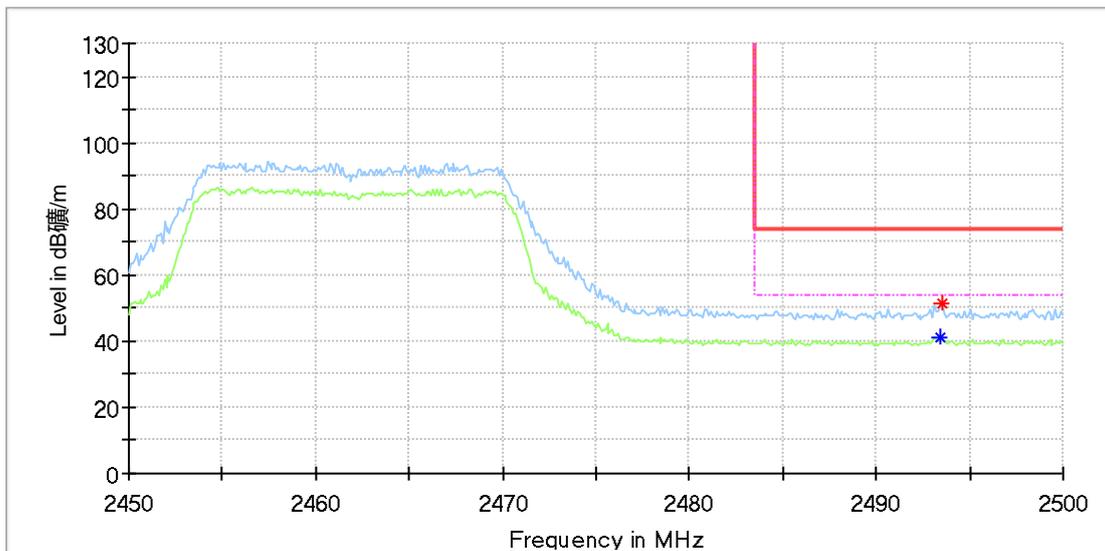
Frequency (MHz)	MaxPeak (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---





### EUT Information

EUT Name: Home Gateway  
 Model: E3330  
 Test Mode: WIFI 2.4G\_11g\_Ch11  
 Order No/Sample No: 168377514/A003283346-001  
 Test Voltage:: 120V/60Hz  
 Remark: Temp 23 Humi:53%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical\_Freqs

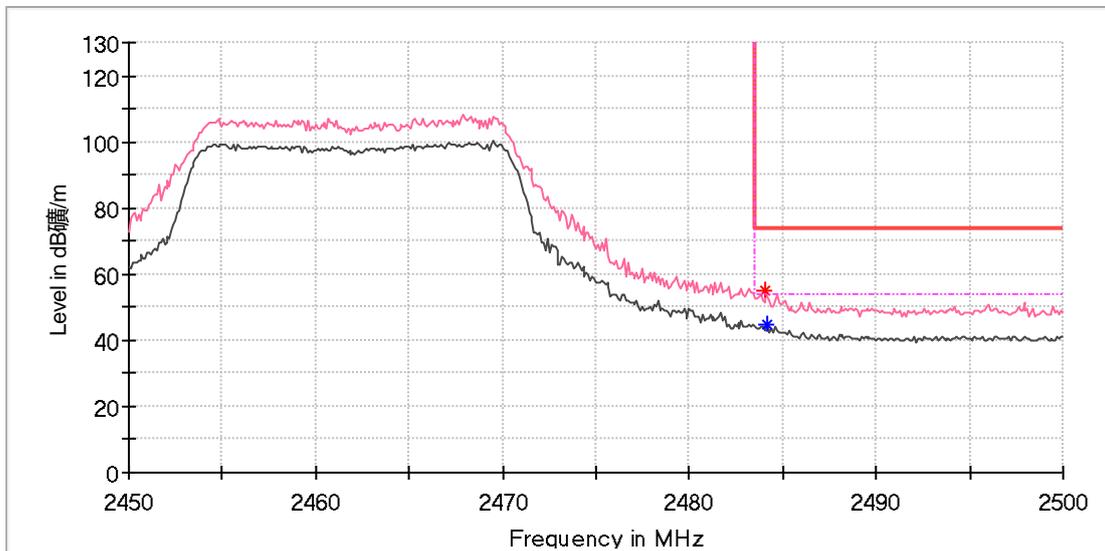
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2493.400000	---	41.38	54.00	12.62	100.0	H	284.0	7.4
2493.500000	51.55	---	74.00	22.45	100.0	H	284.0	7.4

### Final\_Result

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

### EUT Information

EUT Name: Home Gateway  
 Model: E3330  
 Test Mode: WIFI 2.4G\_11g\_Ch11  
 Order No/Sample No: 168377514/A003283346-001  
 Test Voltage:: 120V/60Hz  
 Remark: Temp 23 Humi:53%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical\_Freqs

Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2484.100000	55.18	---	74.00	18.82	100.0	V	144.0	7.4
2484.200000	---	44.64	54.00	9.36	100.0	V	144.0	7.4

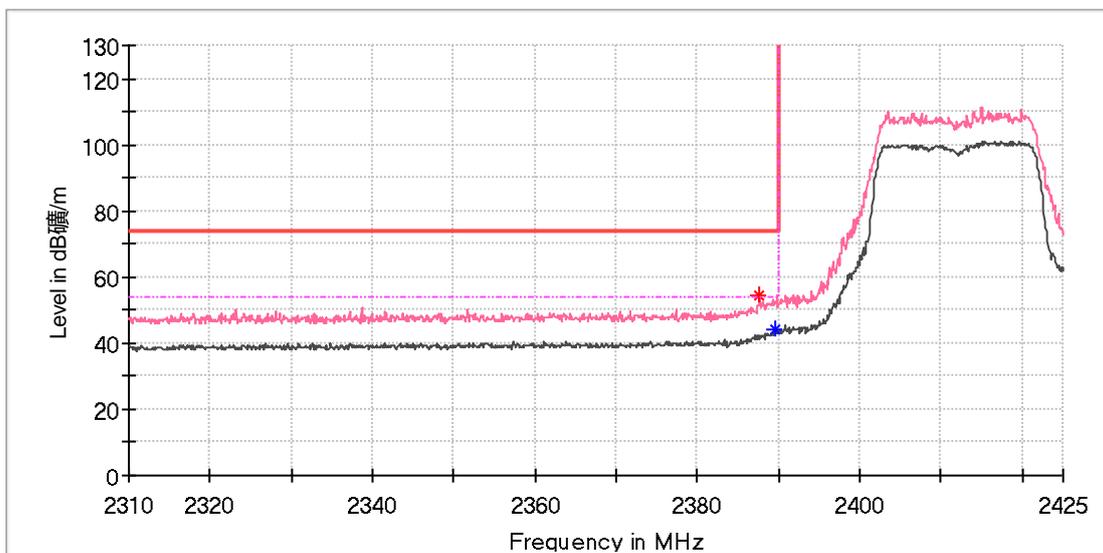
### Final\_Result

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



## EUT Information

EUT Name: Home Gateway  
 Model: E3330  
 Test Mode: WIFI 2.4G\_11ax20\_Ch1  
 Order No/Sample No: 168377514/A003283346-001  
 Test Voltage:: 120V/60Hz  
 Remark: Temp 23 Humi:53%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



## Critical\_Freqs

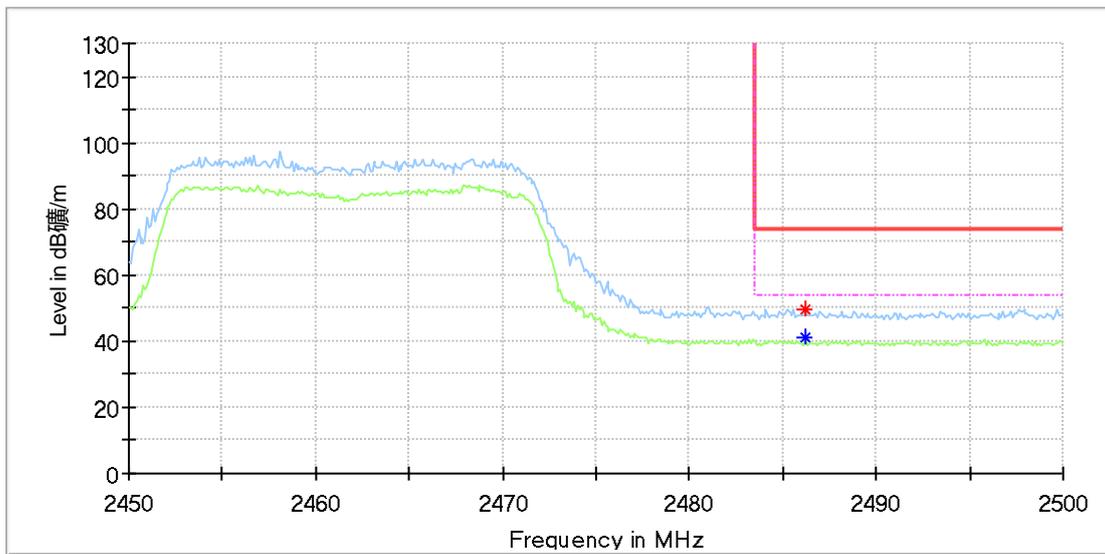
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2387.600000	54.59	---	74.00	19.41	100.0	V	41.0	7.0
2389.500000	---	43.89	54.00	10.11	100.0	V	24.0	7.0

## Final\_Result

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

### EUT Information

EUT Name: Home Gateway  
 Model: E3330  
 Test Mode: WIFI 2.4G\_11ax20\_Ch11  
 Order No/Sample No: 168377514/A003283346-001  
 Test Voltage:: 120V/60Hz  
 Remark: Temp 23 Humi:53%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical\_Freqs

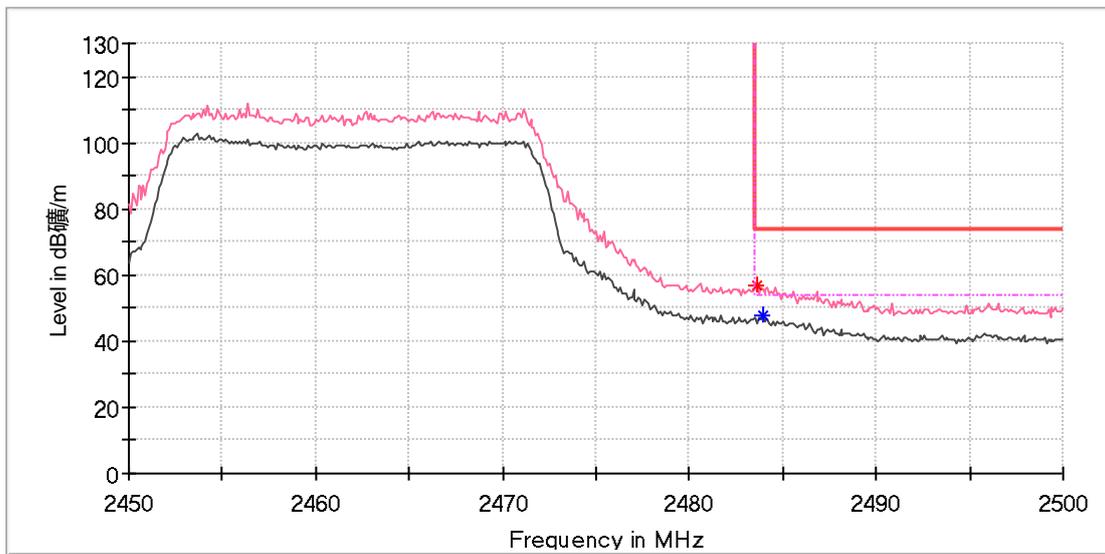
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2486.200000	---	41.11	54.00	12.89	100.0	H	120.0	7.4
2486.200000	49.60	---	74.00	24.40	100.0	H	120.0	7.4

### Final\_Result

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

### EUT Information

EUT Name: Home Gateway  
 Model: E3330  
 Test Mode: WIFI 2.4G\_11ax20\_Ch11  
 Order No/Sample No: 168377514/A003283346-001  
 Test Voltage:: 120V/60Hz  
 Remark: Temp 23 Humi:53%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical\_Freqs

Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.600000	56.72	---	74.00	17.28	100.0	V	138.0	7.4
2483.900000	---	47.77	54.00	6.23	100.0	V	148.0	7.4

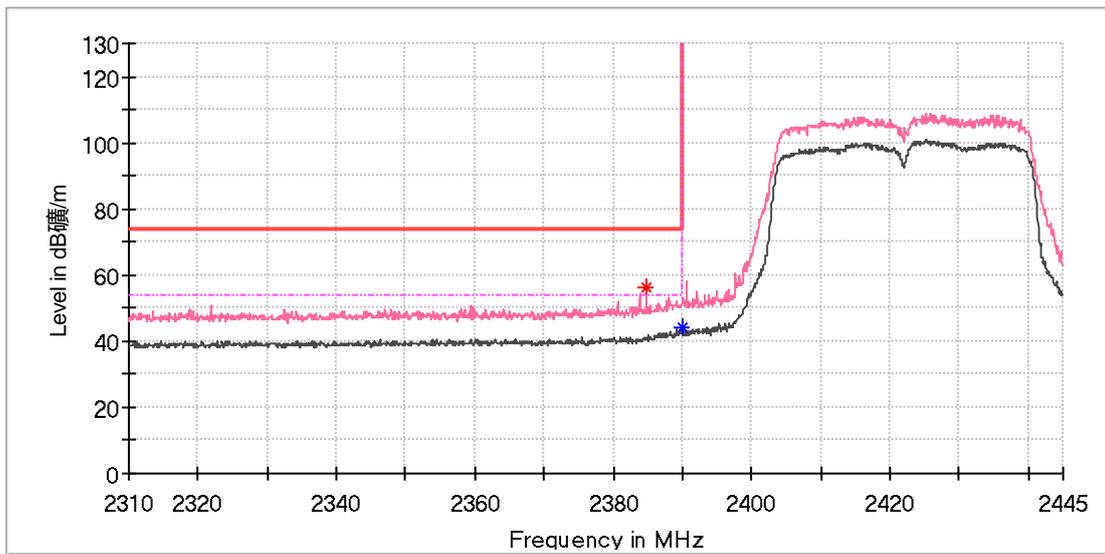
### Final\_Result

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



### EUT Information

EUT Name: Home Gateway  
 Model: E3330  
 Test Mode: WIFI 2.4G\_11n40\_Ch3  
 Order No/Sample No: 168377514/A003283346-001  
 Test Voltage:: 120V/60Hz  
 Remark: Temp 23 Humi:53%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical Freqs

Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2384.800000	56.41	---	74.00	17.59	100.0	V	46.0	7.0
2389.900000	---	43.93	54.00	10.07	100.0	V	0.0	7.0

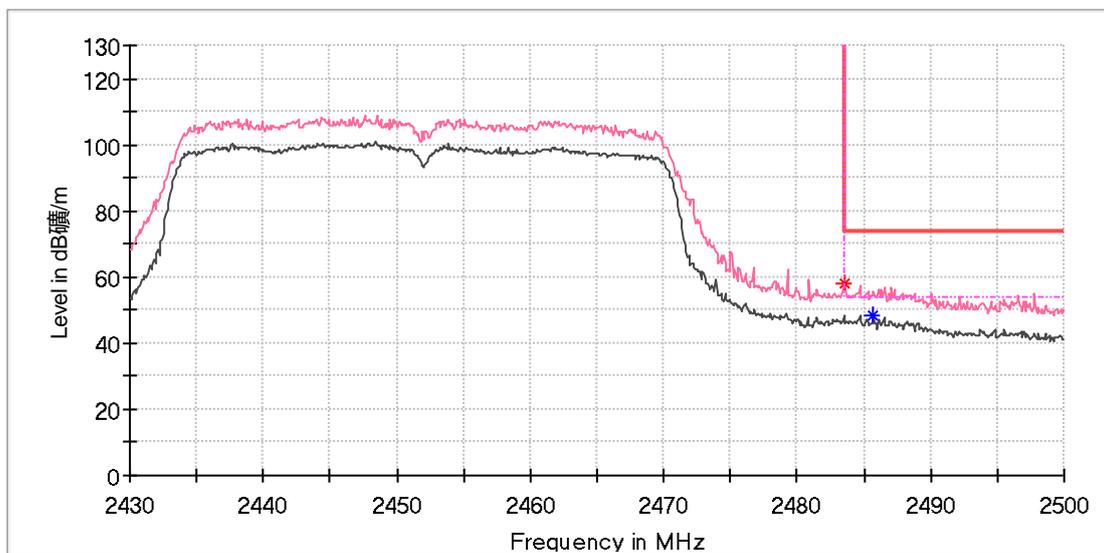
### Final Result

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



## EUT Information

EUT Name:	Home Gateway
Model:	E3330
Test Mode:	WIFI 2.4G_11n40_Ch9
Order No/Sample No:	168377514/A003283346-001
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



## Critical\_Freqs

Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.500000	57.99	---	74.00	16.01	100.0	V	158.0	7.4
2485.700000	---	48.20	54.00	5.80	100.0	V	149.0	7.4

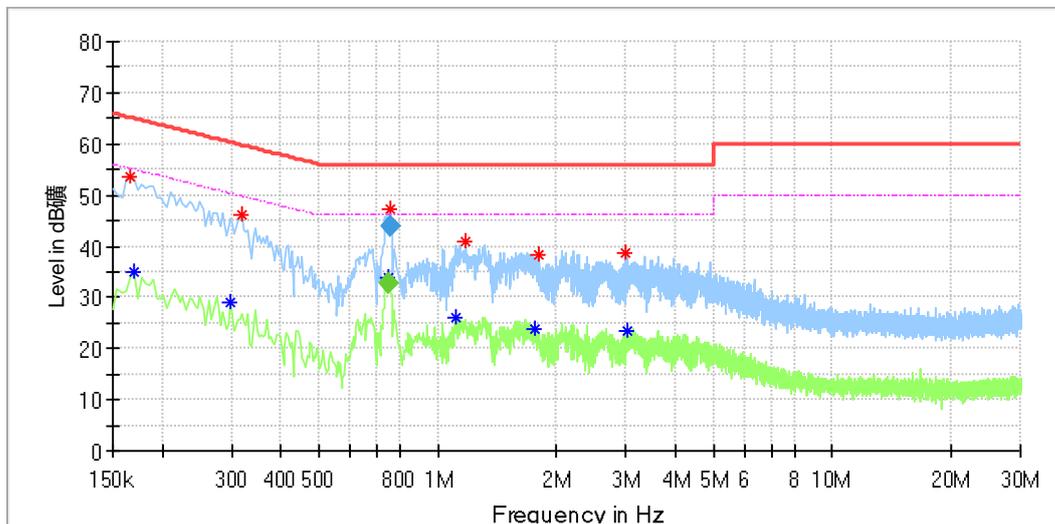
## Final\_Result

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

## Appendix B.7: Test Results of Conducted Emission

### EUT Information

EUT Name:	Home Gateway
Order No:	168377514
Model:	E3330
Test mode:	WIFI Link
Test Voltage:	AC120V/60Hz
Test By:/Review By:	Steve Lan/Gary Chen
Tem./Hum./Pressure:	24.1°C/53.7%/101kPa
Remark:	SR1



### Critical Freqs

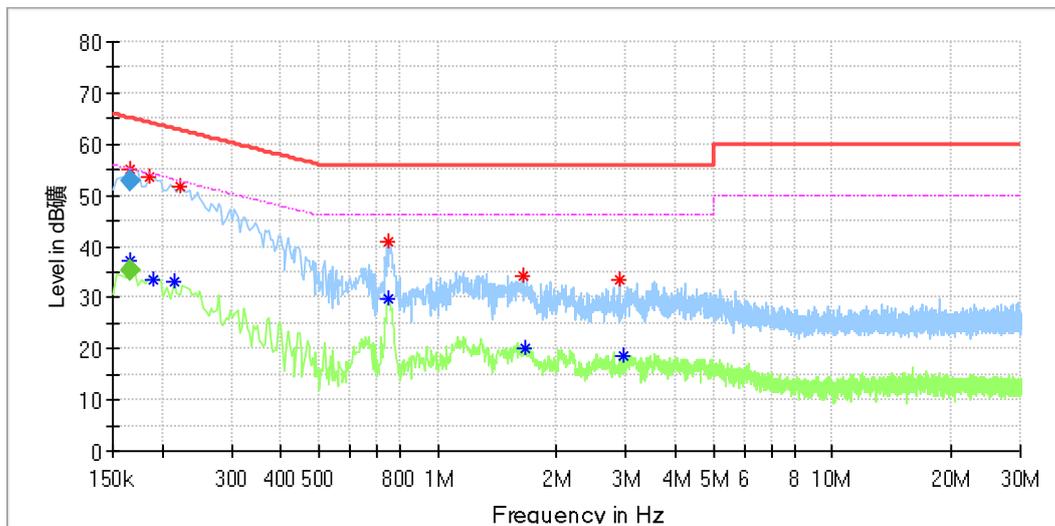
Frequency (MHz)	MaxPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)
0.166000	53.60	---	65.16	11.56	N	9.8
0.170000	---	35.15	54.96	19.81	N	9.8
0.298000	---	29.17	50.30	21.13	N	9.8
0.318000	46.18	---	59.76	13.58	N	9.8
0.753500	---	33.70	46.00	12.30	N	9.8
0.754500	47.11	---	56.00	8.89	N	9.8
1.106000	---	26.23	46.00	19.77	N	9.8
1.178000	40.95	---	56.00	15.05	N	9.8
1.766000	---	23.92	46.00	22.08	N	9.8
1.810000	38.33	---	56.00	17.67	N	9.8
2.998000	38.68	---	56.00	17.32	N	9.9
3.034000	---	23.57	46.00	22.43	N	9.9

### Final Result

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.753500	---	32.75	46.00	13.25	3000.0	9.000	N	9.8
0.754500	44.05	---	56.00	11.95	3000.0	9.000	N	9.8

## EUT Information

EUT Name:	Home Gateway
Order No:	168377514
Model:	E3330
Test mode:	WIFI Link
Test Voltage:	AC120V/60Hz
Test By:/Review By:	Steve Lan/Gary Chen
Tem./Hum./Pressure:	24.1°C/53.7%/101kPa
Remark:	SR1



## Critical Freqs

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.165500	---	37.30	55.16	17.86	L1	9.9
0.165500	55.23	---	64.96	9.73	L1	9.9
0.186000	53.71	---	64.21	10.51	L1	9.9
0.190000	---	33.51	54.04	20.52	L1	9.9
0.214000	---	33.18	53.05	19.87	L1	9.9
0.222000	51.82	---	62.74	10.92	L1	9.9
0.750000	41.06	---	56.00	14.94	L1	10.0
0.750000	---	29.89	46.00	16.11	L1	10.0
1.650000	34.24	---	56.00	21.76	L1	10.1
1.666000	---	20.22	46.00	25.78	L1	10.1
2.902000	33.47	---	56.00	22.53	L1	10.2
2.942000	---	18.49	46.00	27.51	L1	10.2

## Final Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.165500	52.80	---	65.18	12.39	3000.0	9.000	L1	9.9
0.165500	---	35.53	55.18	19.66	3000.0	9.000	L1	9.9