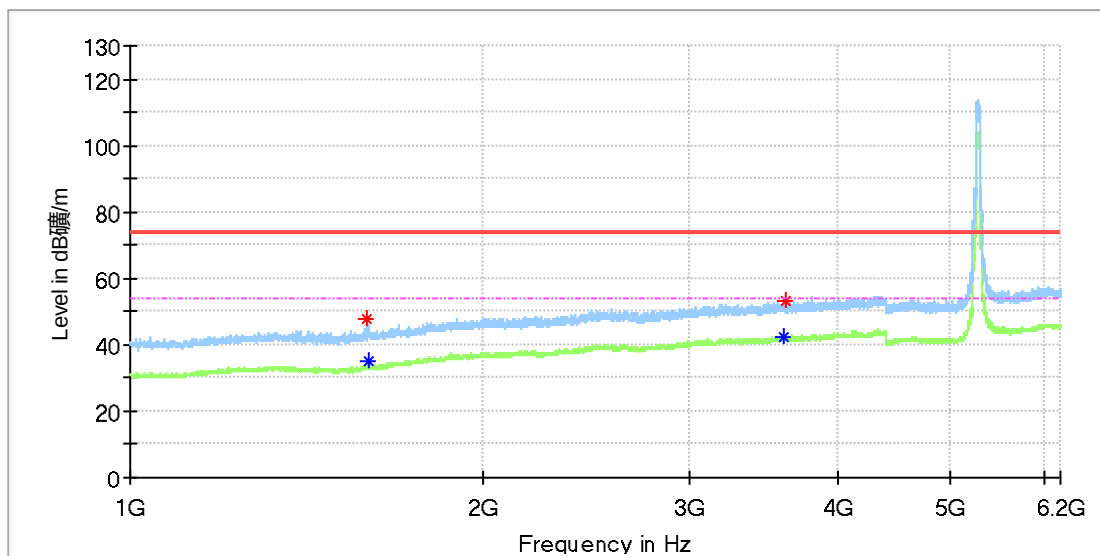


EUT Information

EUT Name: WiFi 7 Router
 Model: AR2340G
 Test Mode: WIFI 5G_11ax40_Ch54
 Order No/Sample No: 168478033/A003691667-001
 Test Voltage:: 120V/60Hz
 Remark: Temp 22 Humi:52%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

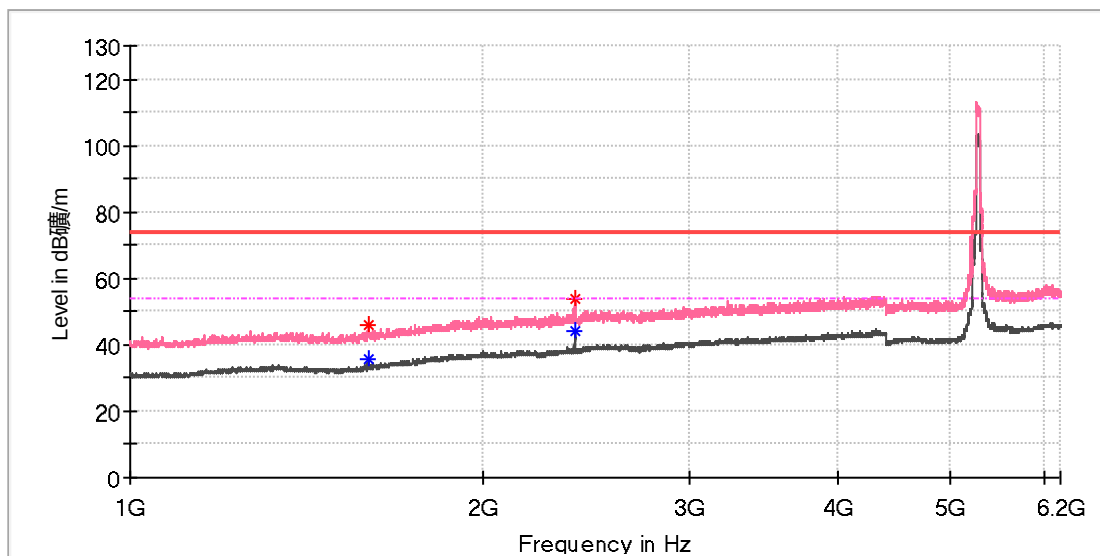
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1592.500000	47.49	---	74.00	26.51	150.0	H	4.0	2.0
1594.000000	---	35.08	54.00	18.92	150.0	H	203.0	2.0
3601.000000	---	42.62	54.00	11.38	150.0	H	35.0	9.3
3617.500000	53.20	---	74.00	20.80	150.0	H	167.0	9.4

Final Result

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

EUT Information

EUT Name: WiFi 7 Router
 Model: AR2340G
 Test Mode: WIFI 5G_11ax40_Ch54
 Order No/Sample No: 168478033/A003691667-001
 Test Voltage:: 120V/60Hz
 Remark: Temp 22 Humi:52%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

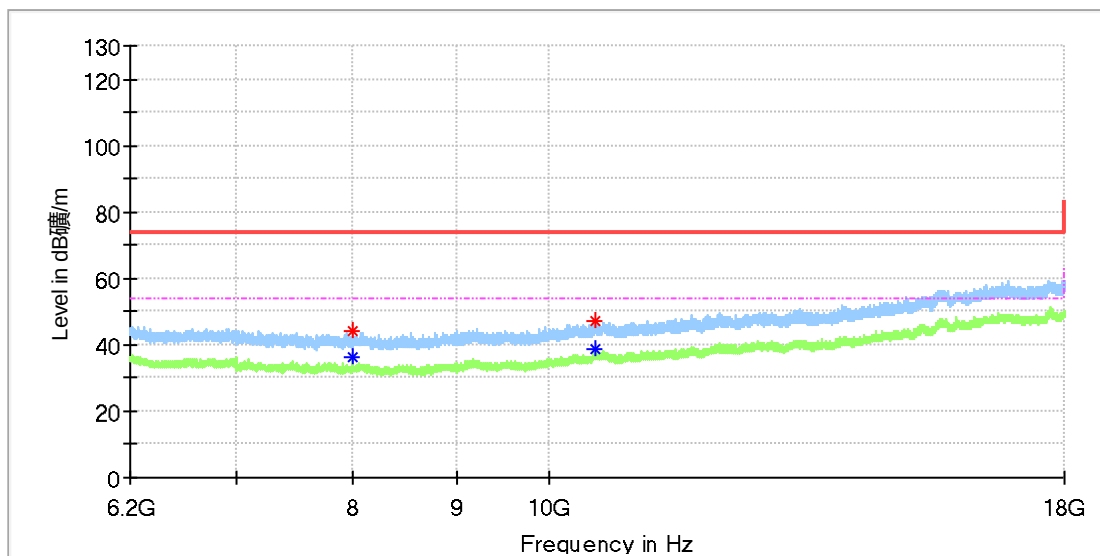
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1595.000000	---	35.59	54.00	18.41	150.0	V	287.0	2.0
1596.500000	46.07	---	74.00	27.93	150.0	V	32.0	2.1
2394.000000	53.90	---	74.00	20.10	150.0	V	273.0	7.0
2394.500000	---	43.92	54.00	10.08	150.0	V	273.0	7.0

Final Result

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

EUT Information

EUT Name: WiFi 7 Router
 Model: AR2340G
 Test Mode: WIFI 5G_11ax40_Ch54
 Order No/Sample No: 168478033/A003691667-001
 Test Voltage:: 120V/60Hz
 Remark: Temp 22 Humi:52%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

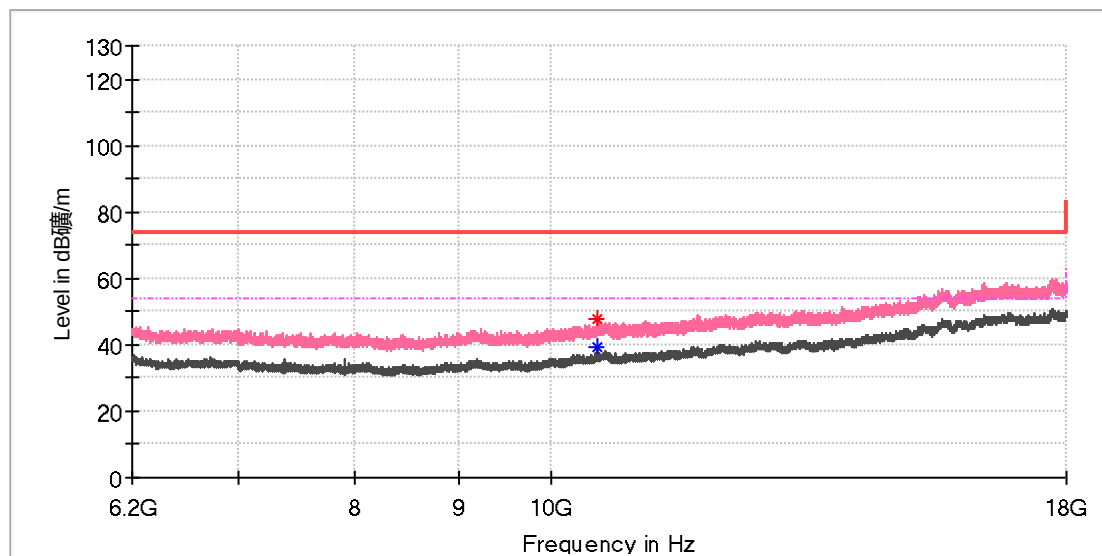
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7997.533333	43.99	---	74.00	30.01	150.0	H	40.0	8.8
7998.025000	---	36.27	54.00	17.73	150.0	H	238.0	8.8
10537.483333	---	38.77	54.00	15.23	150.0	H	330.0	12.0
10541.416667	47.30	---	74.00	26.70	150.0	H	282.0	12.0

Final Result

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

EUT Information

EUT Name: WiFi 7 Router
 Model: AR2340G
 Test Mode: WIFI 5G_11ax40_Ch54
 Order No/Sample No: 168478033/A003691667-001
 Test Voltage:: 120V/60Hz
 Remark: Temp 22 Humi:52%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

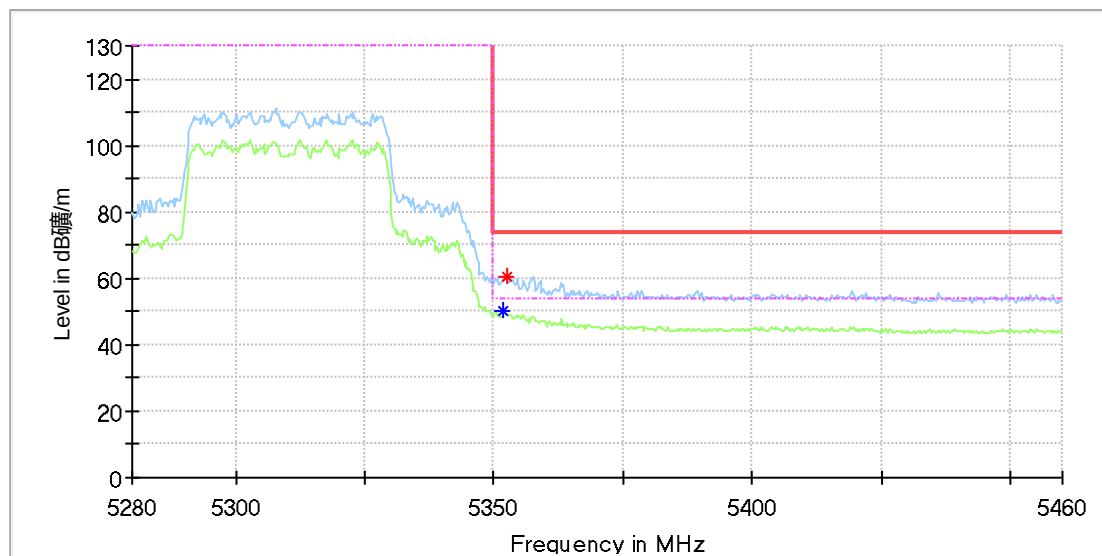
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
10547.316667	47.90	---	74.00	26.10	150.0	V	330.0	12.0
10547.316667	---	39.19	54.00	14.81	150.0	V	330.0	12.0

Final_Result

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

EUT Information

EUT Name: WiFi 7 Router
 Model: AR2340G
 Test Mode: WIFI 5G_11ax40_Ch62
 Order No/Sample No: 168478033/A003691667-001
 Test Voltage:: 120V/60Hz
 Remark: Temp 22 Humi:52%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

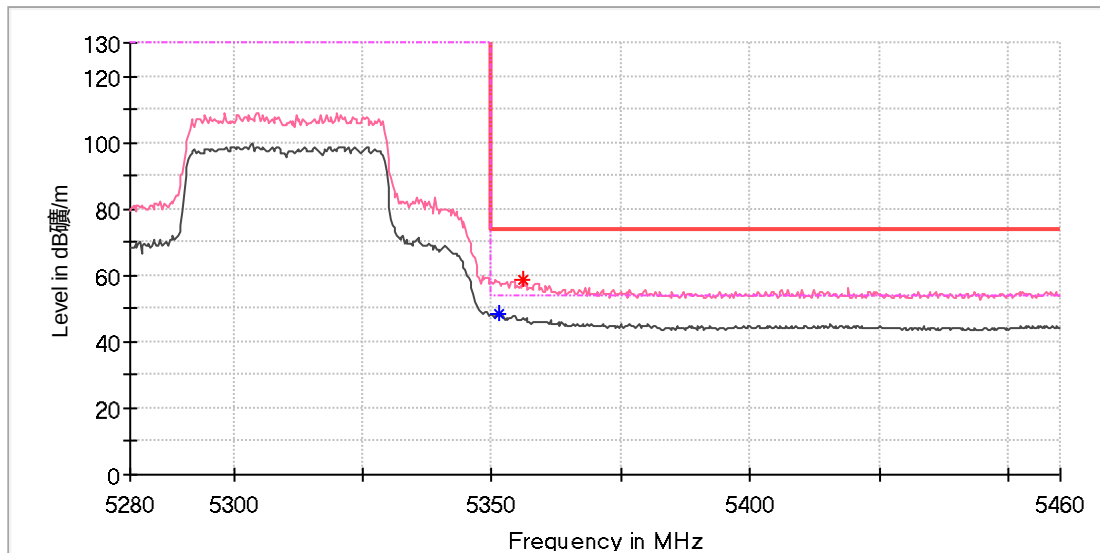
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5351.938889	---	50.28	54.00	3.72	150.0	H	123.0	13.3
5352.527778	60.66	---	74.00	13.34	150.0	H	110.0	13.3

Final_Result

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

EUT Information

EUT Name: WiFi 7 Router
 Model: AR2340G
 Test Mode: WIFI 5G_11ax40_Ch62
 Order No/Sample No: 168478033/A003691667-001
 Test Voltage:: 120V/60Hz
 Remark: Temp 22 Humi:52%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

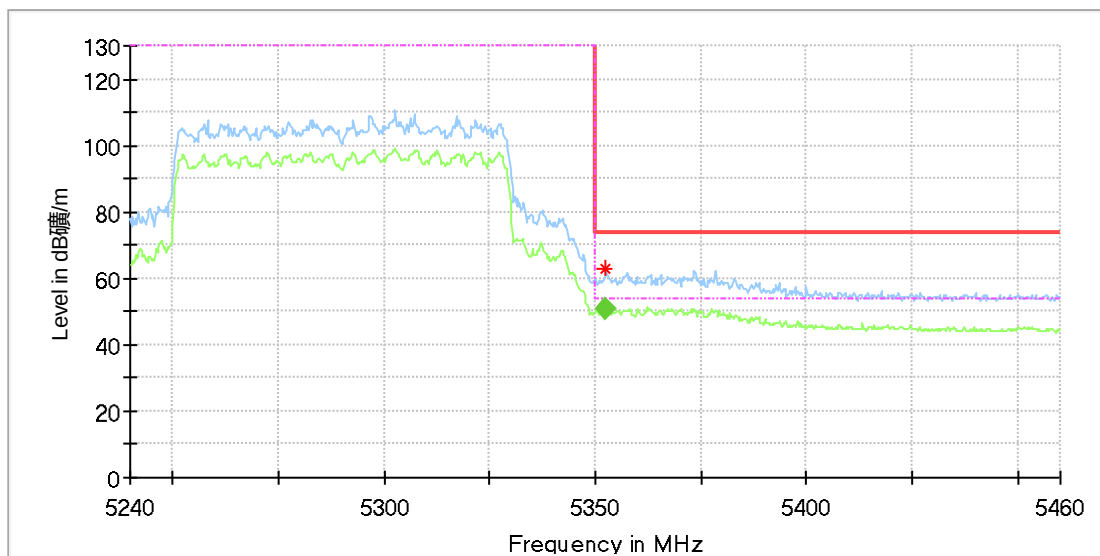
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5351.350000	---	48.16	54.00	5.84	150.0	V	359.0	13.3
5356.061111	58.67	---	74.00	15.33	150.0	V	359.0	13.3

Final_Result

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

EUT Name: WiFi 7 Router
 Model: AR2340G
 Test Mode: WIFI 5G_11ax80_Ch58
 Order No/Sample No: 168478033/A003691667-001
 Test Voltage:: 120V/60Hz
 Remark: Temp 22 Humi:52%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

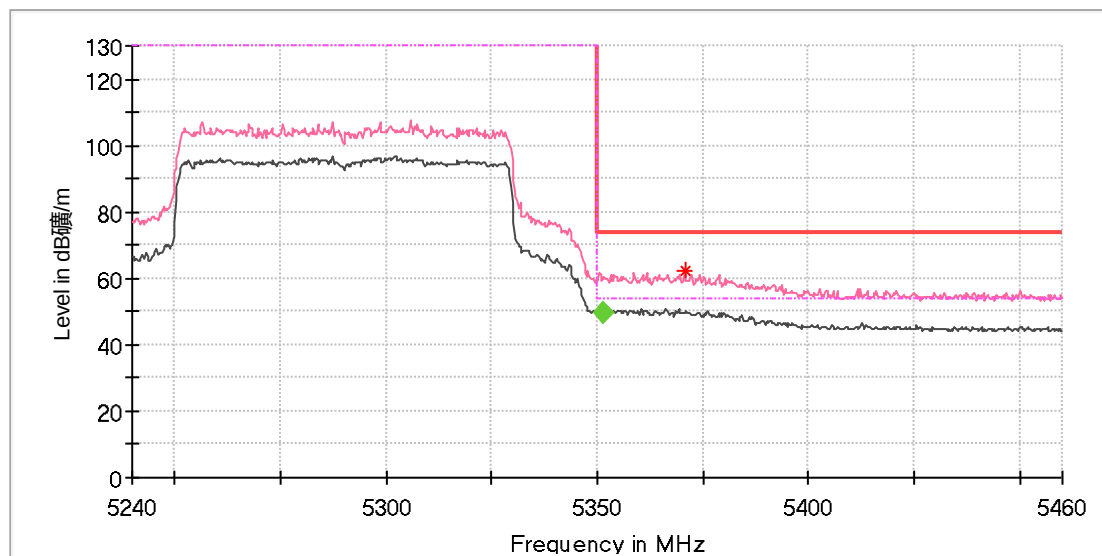
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5352.527778	62.62	---	74.00	11.38	150.0	H	115.0	13.3

Final_Result

Frequency (MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5352.538889	50.86	54.00	3.14	147.0	H	113.0	13.3

EUT Information

EUT Name: WiFi 7 Router
 Model: AR2340G
 Test Mode: WIFI 5G_11ax80_Ch58
 Order No/Sample No: 168478033/A003691667-001
 Test Voltage:: 120V/60Hz
 Remark: Temp 22 Humi:52%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

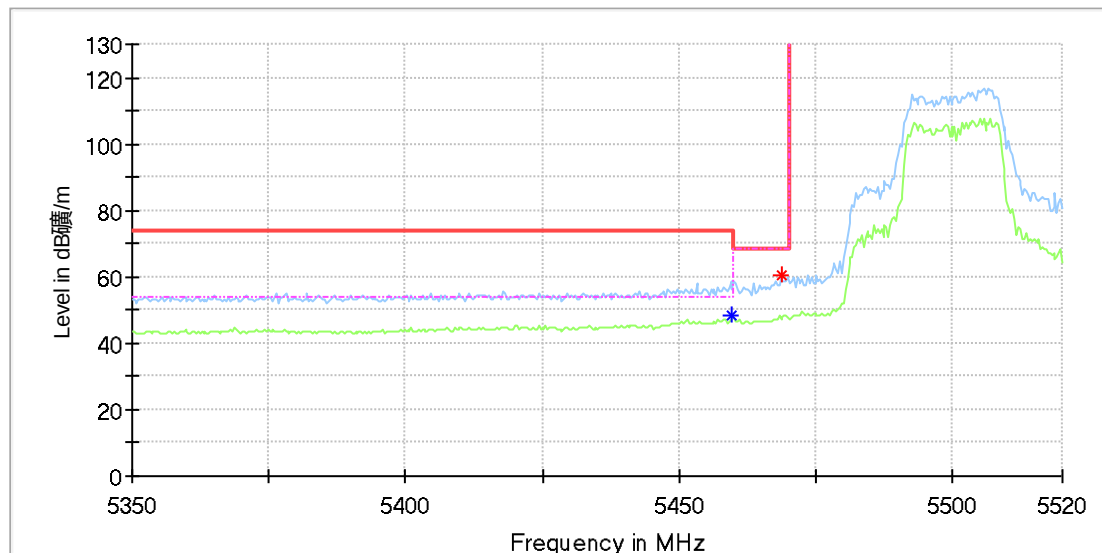
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5370.783333	62.45	---	74.00	11.55	150.0	V	0.0	13.3

Final_Result

Frequency (MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5351.366667	49.76	54.00	4.24	151.0	V	348.0	13.3

U-NII-2C Band**EUT Information**

EUT Name:	WiFi 7 Router
Model:	AR2340G
Test Mode:	WIFI 5G_11a_Ch100
Order No/Sample No:	168478033/A003691667-001
Test Voltage::	120V/60Hz
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

**Critical Freqs**

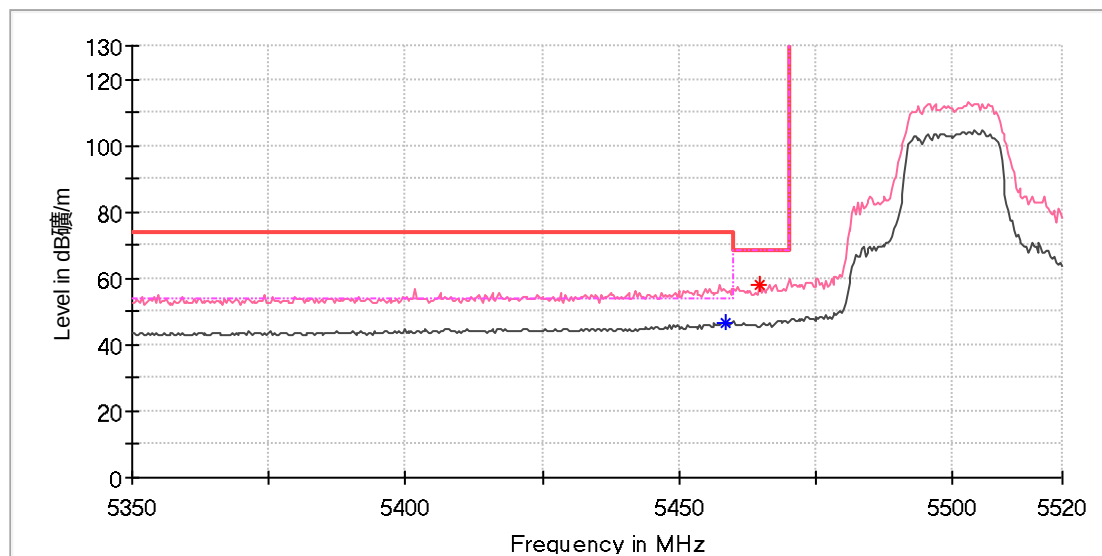
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5459.705556	---	48.08	54.00	5.92	150.0	H	194.0	13.6
5468.555556	60.41	---	68.20	7.79	150.0	H	171.0	13.6

Final Result

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

EUT Information

EUT Name: WiFi 7 Router
 Model: AR2340G
 Test Mode: WIFI 5G_11a_Ch100
 Order No/Sample No: 168478033/A003691667-001
 Test Voltage:: 120V/60Hz
 Remark: Temp 24 Humi:50%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

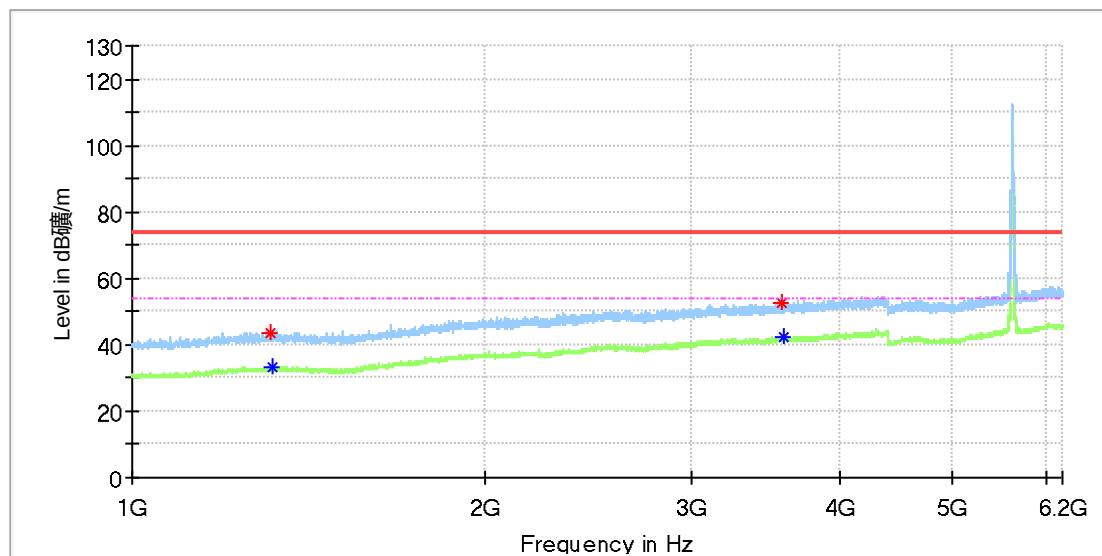
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5458.394445	---	46.78	54.00	7.22	150.0	V	139.0	13.6
5464.622222	58.21	---	68.20	9.99	150.0	V	88.0	13.6

Final_Result

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

EUT Information

EUT Name: WiFi 7 Router
 Model: AR2340G
 Test Mode: WIFI 5G_11a_Ch124
 Order No/Sample No: 168478033/A003691667-001
 Test Voltage:: 120V/60Hz
 Remark: Temp 24 Humi:50%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

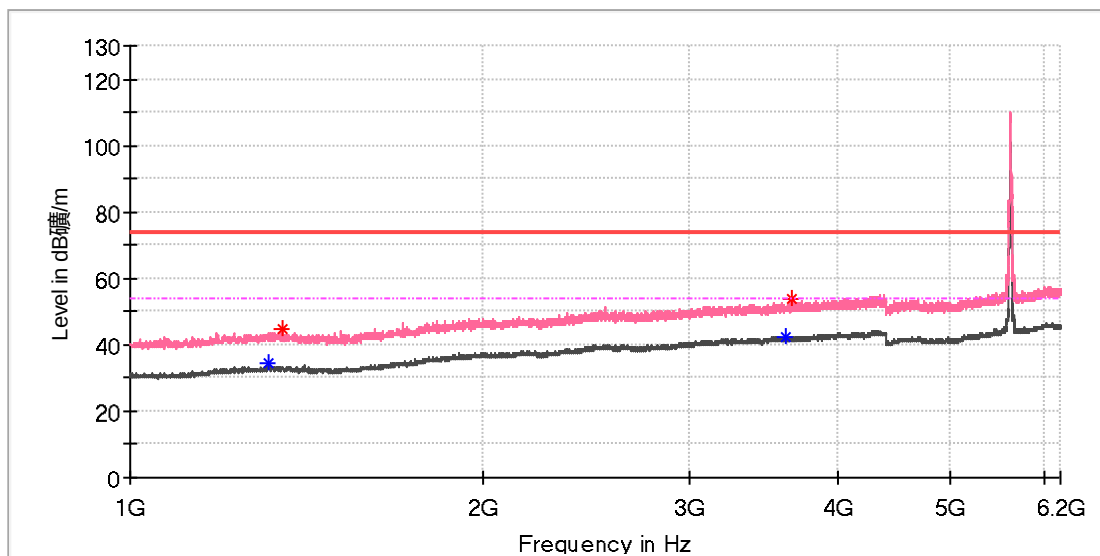
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1310.500000	43.81	---	74.00	30.19	150.0	H	15.0	2.0
1318.000000	---	33.52	54.00	20.48	150.0	H	0.0	2.0
3581.500000	52.80	---	74.00	21.20	150.0	H	157.0	9.3
3590.500000	---	42.19	54.00	11.81	150.0	H	0.0	9.3

Final Result

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

EUT Information

EUT Name: WiFi 7 Router
Model: AR2340G
Test Mode: WIFI 5G_11a_Ch124
Order No/Sample No: 168478033/A003691667-001
Test Voltage:: 120V/60Hz
Remark: Temp 24 Humi:50%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

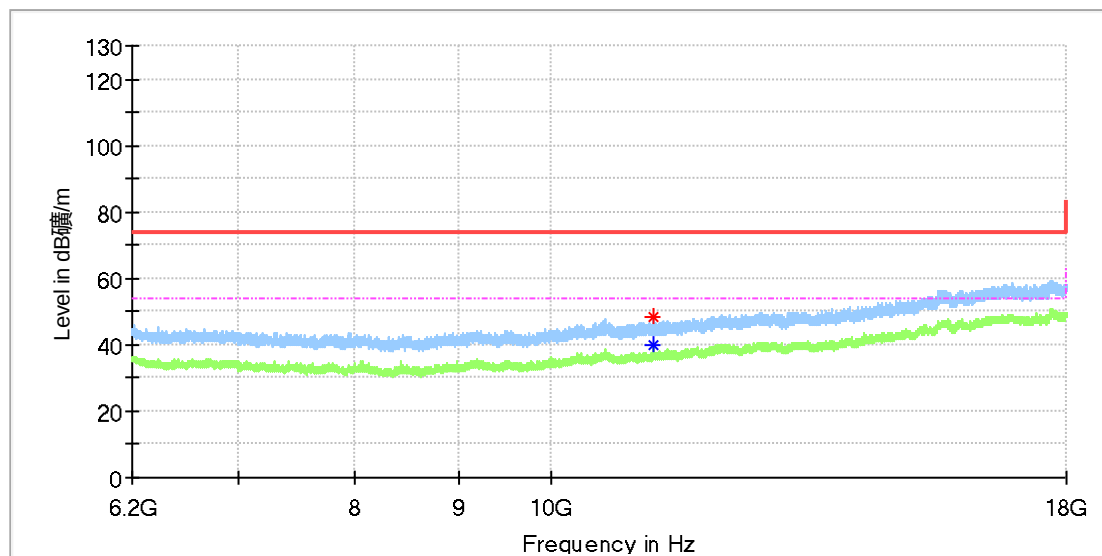
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1312.000000	---	34.68	54.00	19.32	150.0	V	232.0	2.0
1349.000000	44.75	---	74.00	29.25	150.0	V	2.0	2.1
3617.000000	---	42.60	54.00	11.40	150.0	V	188.0	9.4
3661.000000	53.91	---	74.00	20.09	150.0	V	95.0	9.5

Final Result

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

EUT Information

EUT Name: WiFi 7 Router
 Model: AR2340G
 Test Mode: WIFI 5G_11a_Ch124
 Order No/Sample No: 168478033/A003691667-001
 Test Voltage:: 120V/60Hz
 Remark: Temp 24 Humi:50%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

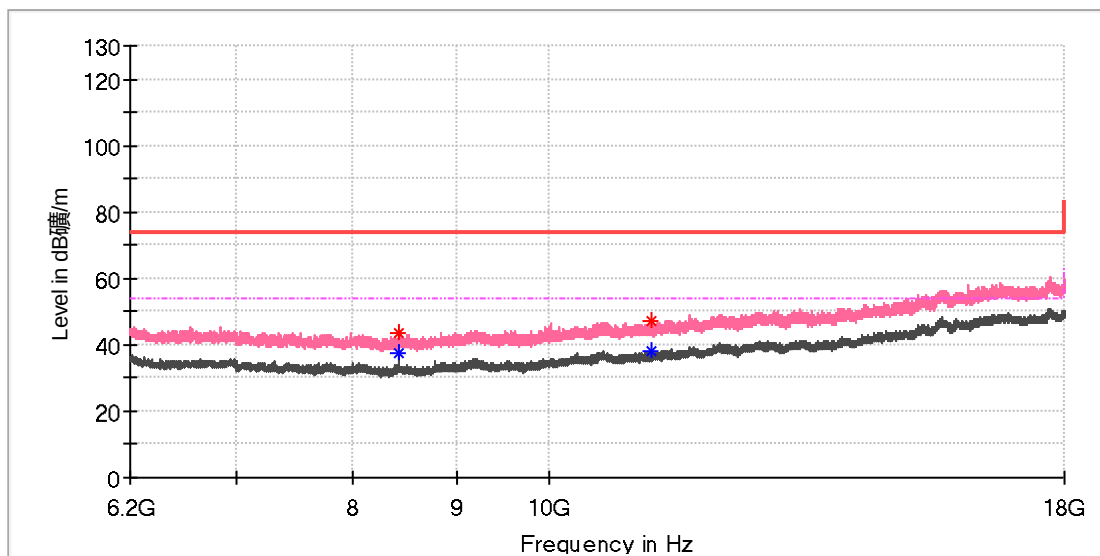
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
11236.633333	48.43	---	74.00	25.57	150.0	H	288.0	12.6
11241.550000	---	40.00	54.00	14.00	150.0	H	4.0	12.6

Final_Result

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

EUT Information

EUT Name: WiFi 7 Router
 Model: AR2340G
 Test Mode: WIFI 5G_11a_Ch124
 Order No/Sample No: 168478033/A003691667-001
 Test Voltage:: 120V/60Hz
 Remark: Temp 24 Humi:50%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

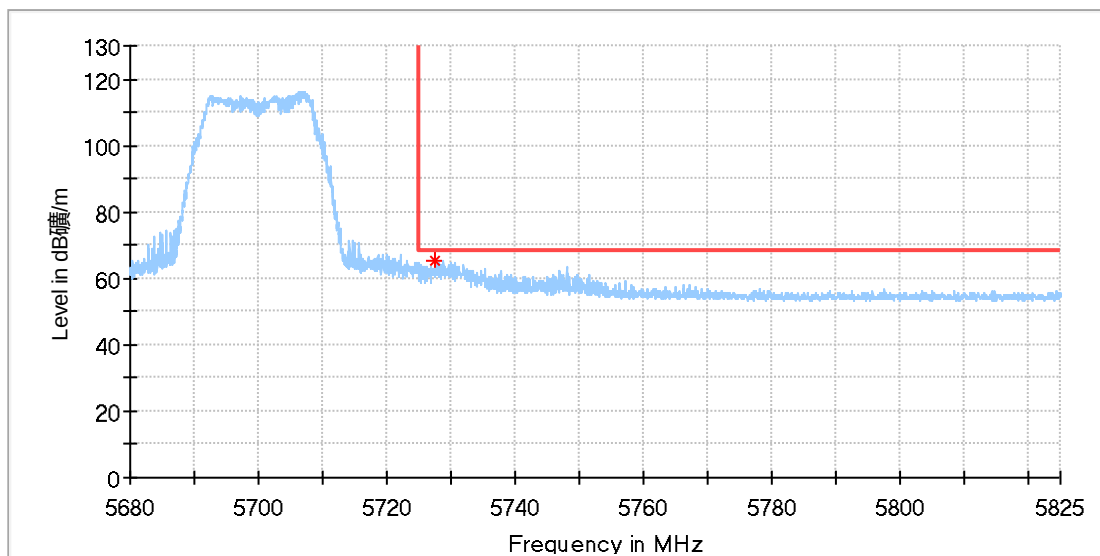
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8429.216667	43.24	---	74.00	30.76	150.0	V	30.0	9.2
8429.708333	---	37.56	54.00	16.44	150.0	V	30.0	9.2
11226.800000	47.25	---	74.00	26.75	150.0	V	0.0	12.6
11241.550000	---	38.03	54.00	15.97	150.0	V	310.0	12.6

Final Result

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

EUT Information

EUT Name: WiFi 7 Router
Model: AR2340G
Test Mode: WIFI 5G_11a_Ch100
Order No/Sample No: 168478033/A003691667-001
Test Voltage:: 120V/60Hz
Remark: Temp 24 Humi:50%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

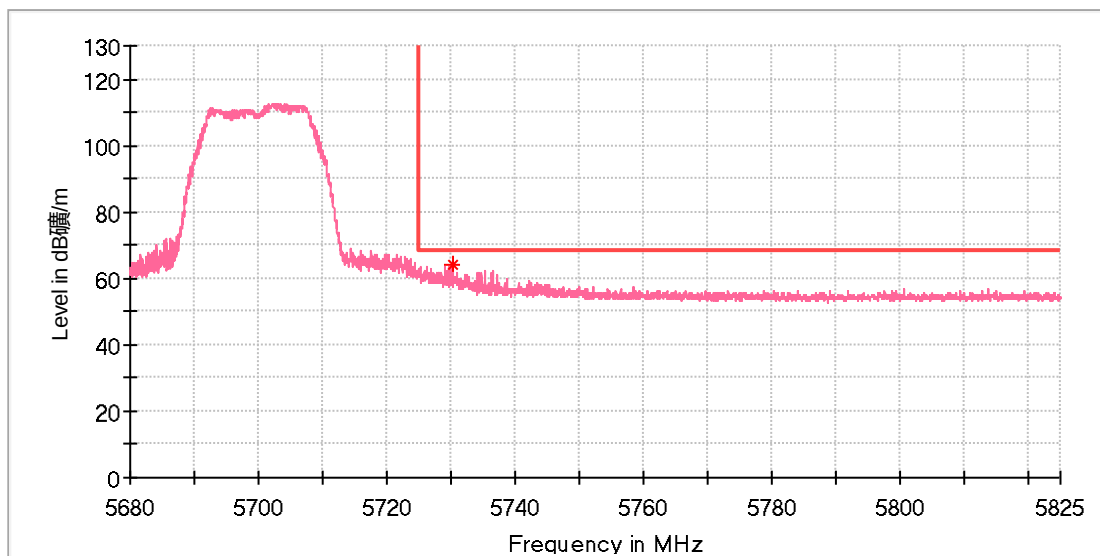
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5727.527778	65.13	68.20	3.07	150.0	H	161.0	13.9

Final_Result

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

EUT Information

EUT Name: WiFi 7 Router
Model: AR2340G
Test Mode: WIFI 5G_11a_Ch100
Order No/Sample No: 168478033/A003691667-001
Test Voltage:: 120V/60Hz
Remark: Temp 24 Humi:50%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

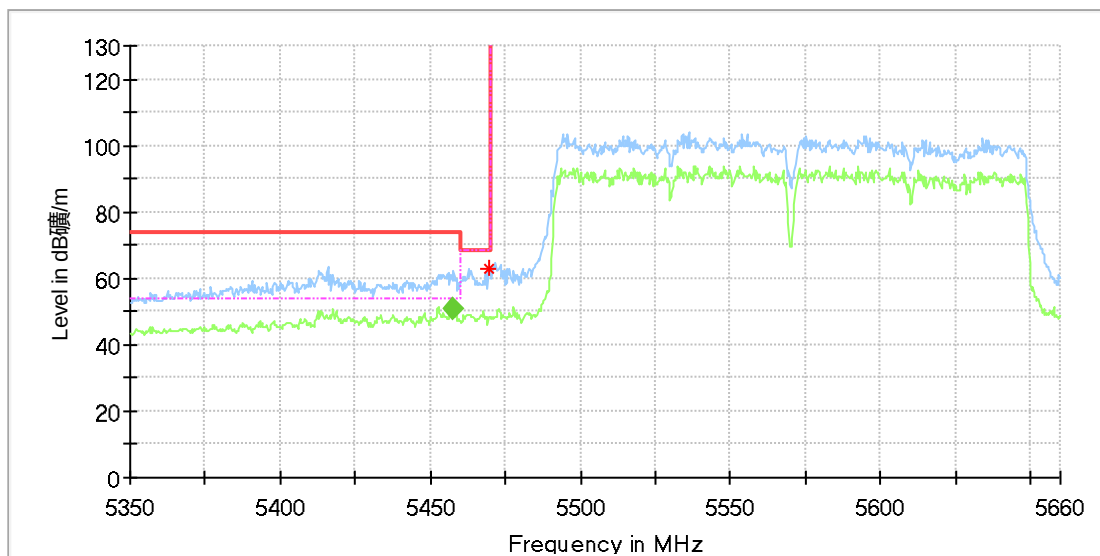
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5730.186111	64.06	68.20	4.14	150.0	V	101.0	13.9

Final_Result

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

EUT Information

EUT Name: WiFi 7 Router
 Model: AR2340G
 Test Mode: WIFI 5G_11ac160_Ch114
 Order No/Sample No: 168478033/A003691667-001
 Test Voltage:: 120V/60Hz
 Remark: Temp 22 Humi:52%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

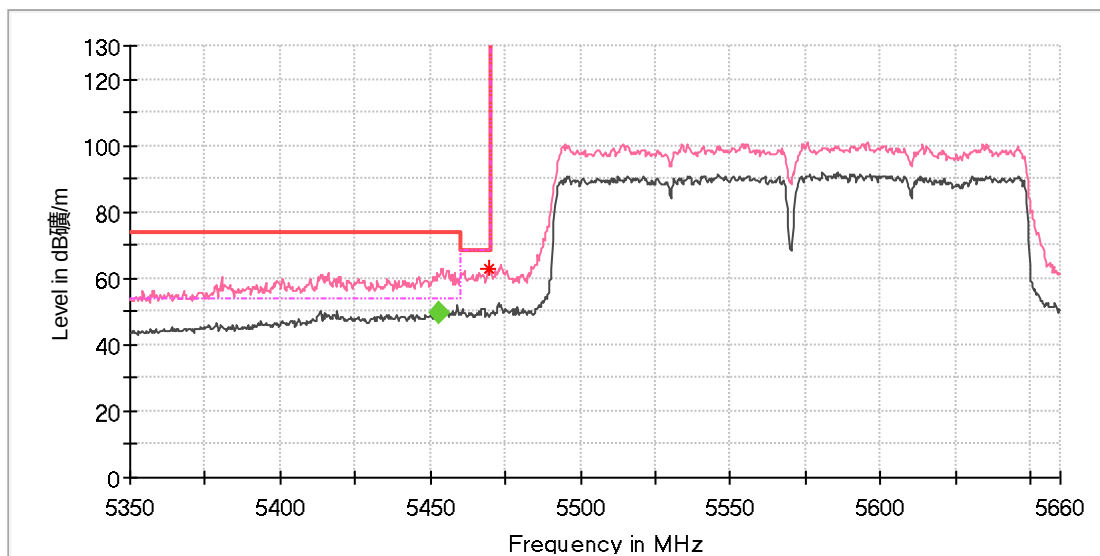
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5469.600000	62.95	---	68.20	5.25	150.0	H	122.0	13.6

Final_Result

Frequency (MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5457.650000	50.60	54.00	3.40	145.0	H	103.0	13.6

EUT Information

EUT Name: WiFi 7 Router
 Model: AR2340G
 Test Mode: WIFI 5G_11ac160_Ch114
 Order No/Sample No: 168478033/A003691667-001
 Test Voltage:: 120V/60Hz
 Remark: Temp 22 Humi:52%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

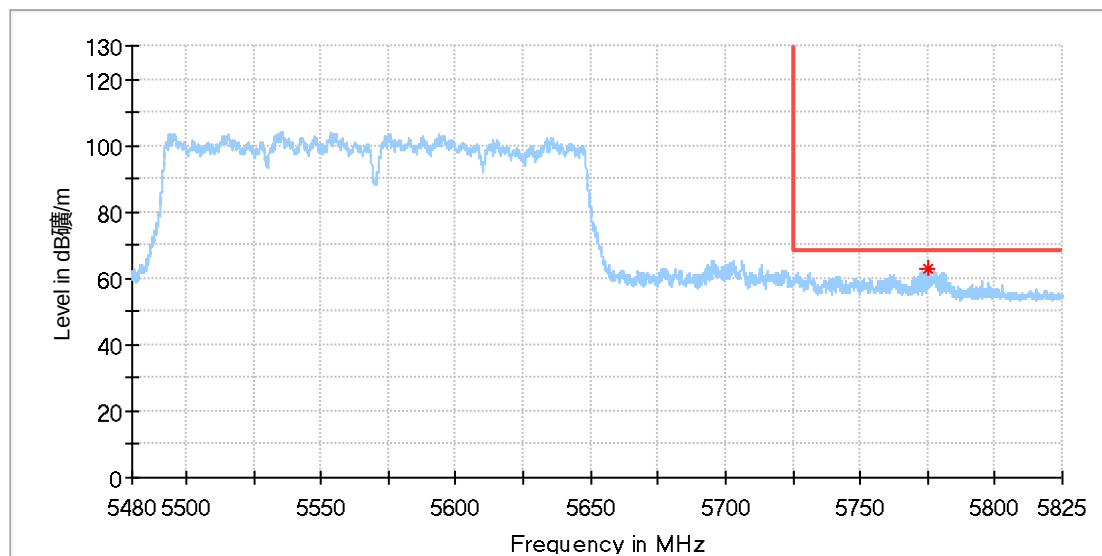
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5469.600000	62.89	---	68.20	5.31	150.0	V	52.0	13.6

Final_Result

Frequency (MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5452.783333	49.63	54.00	4.37	145.0	V	25.0	13.5

EUT Information

EUT Name: WiFi 7 Router
Model: AR2340G
Test Mode: WIFI 5G_11ac160_Ch114
Order No/Sample No: 168478033/A003691667-001
Test Voltage:: 120V/60Hz
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

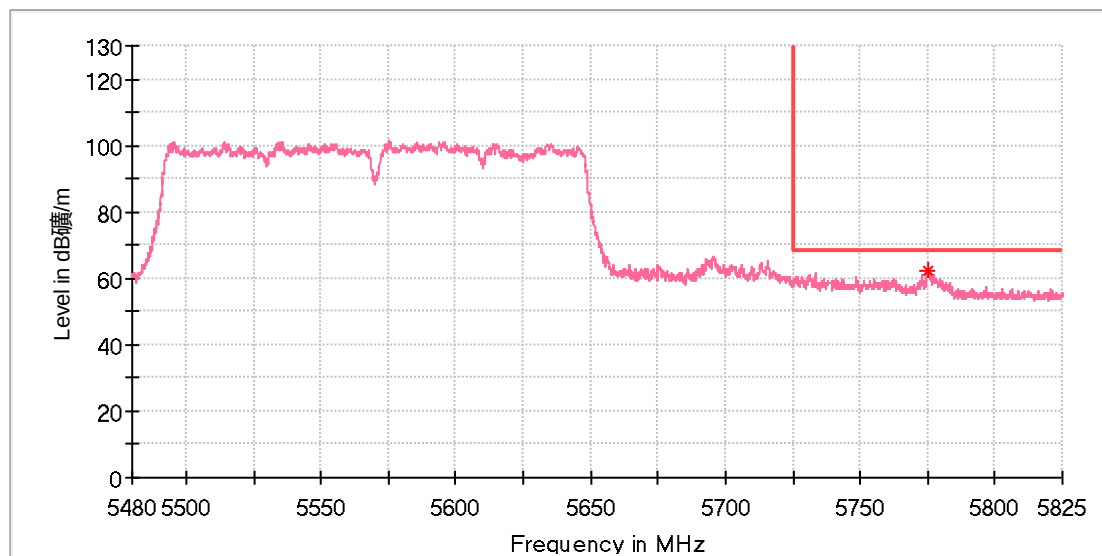
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5775.262500	62.87	68.20	5.33	150.0	H	100.0	14.0

Final_Result

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

EUT Information

EUT Name: WiFi 7 Router
Model: AR2340G
Test Mode: WIFI 5G_11ac160_Ch114
Order No/Sample No: 168478033/A003691667-001
Test Voltage:: 120V/60Hz
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

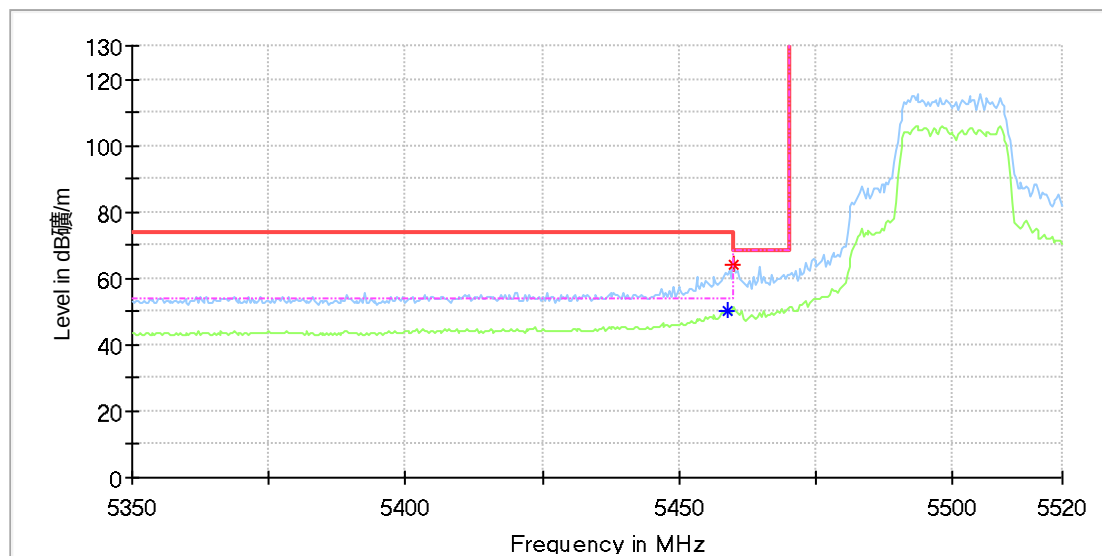
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5775.358333	62.33	68.20	5.87	150.0	V	0.0	14.0

Final_Result

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

EUT Information

EUT Name: WiFi 7 Router
 Model: AR2340G
 Test Mode: WIFI 5G_11ax20_Ch100
 Order No/Sample No: 168478033/A003691667-001
 Test Voltage:: 120V/60Hz
 Remark: Temp 24 Humi:50%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

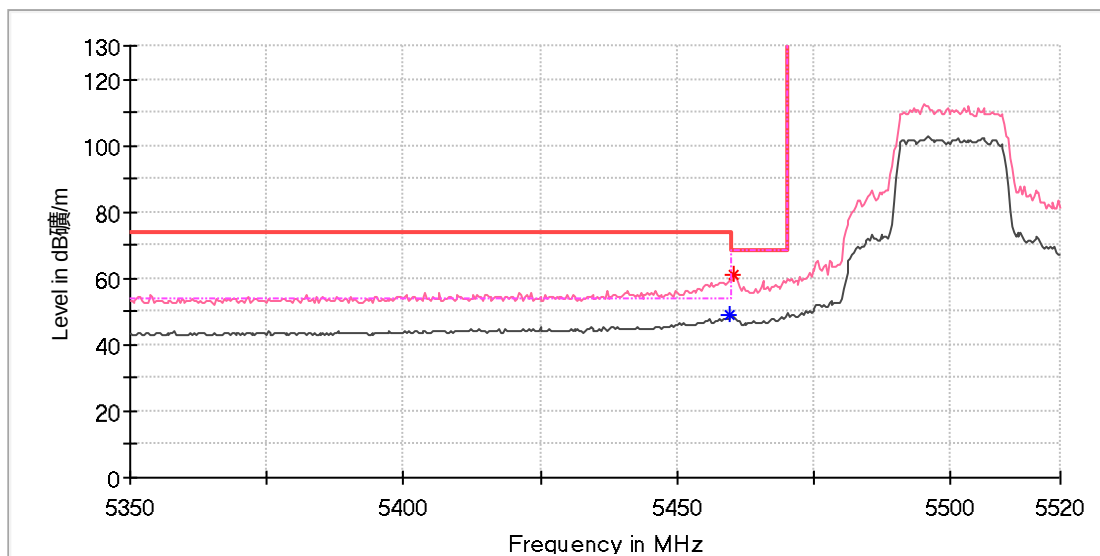
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5458.722222	---	50.31	54.00	3.69	150.0	H	163.0	13.6
5460.033333	64.39	---	68.20	3.81	150.0	H	191.0	13.6

Final_Result

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

EUT Information

EUT Name: WiFi 7 Router
 Model: AR2340G
 Test Mode: WIFI 5G_11ax20_Ch100
 Order No/Sample No: 168478033/A003691667-001
 Test Voltage:: 120V/60Hz
 Remark: Temp 24 Humi:50%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

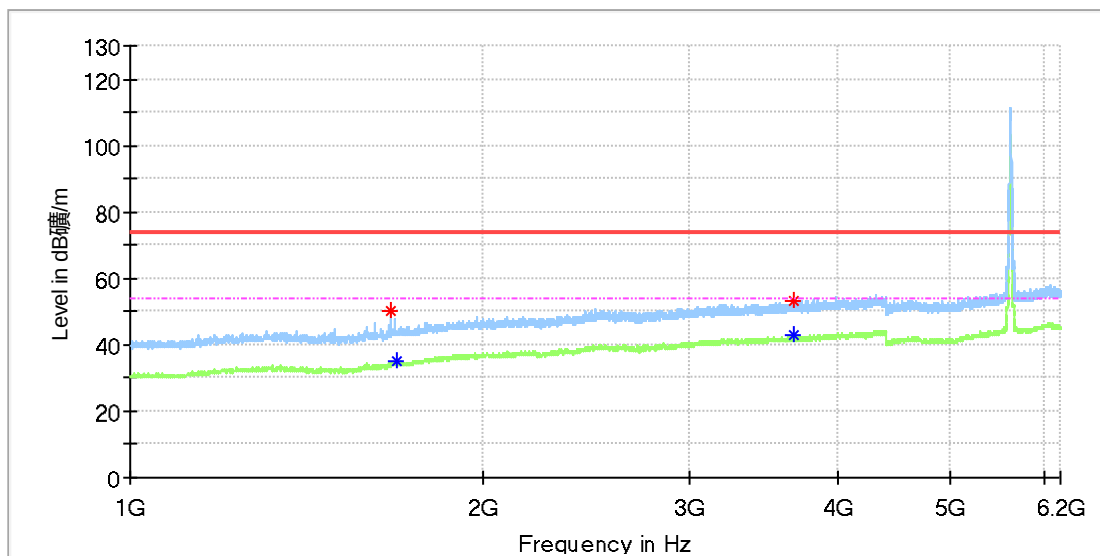
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5459.705556	---	49.03	54.00	4.97	150.0	V	116.0	13.6
5460.361111	60.89	---	68.20	7.31	150.0	V	123.0	13.6

Final_Result

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

EUT Information

EUT Name: WiFi 7 Router
 Model: AR2340G
 Test Mode: WIFI 5G_11ax20_Ch124
 Order No/Sample No: 168478033/A003691667-001
 Test Voltage:: 120V/60Hz
 Remark: Temp 24 Humi:50%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

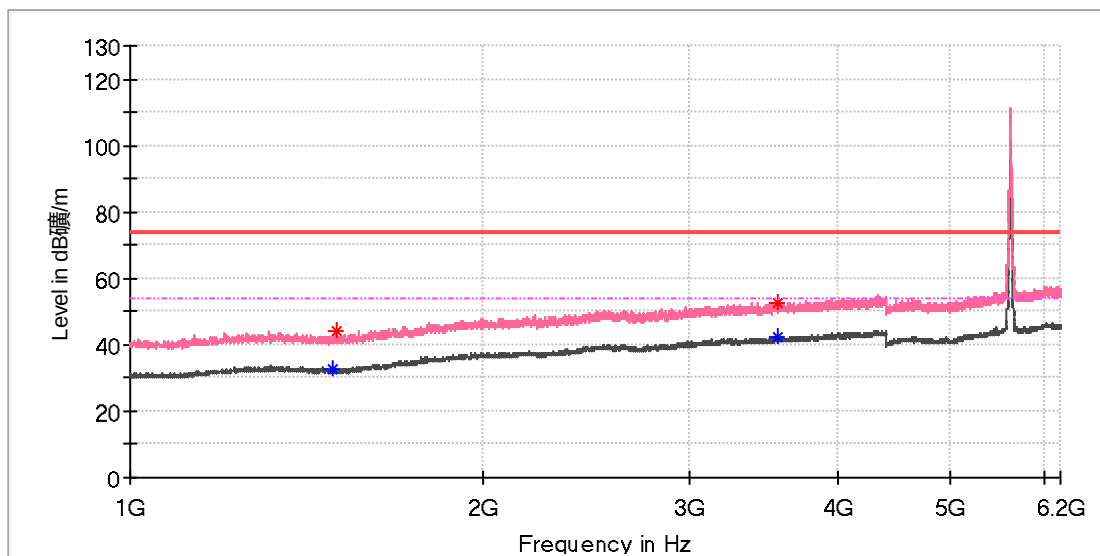
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1666.500000	50.48	---	74.00	23.53	150.0	H	221.0	2.8
1690.000000	---	34.99	54.00	19.01	150.0	H	280.0	3.2
3669.000000	53.25	---	74.00	20.75	150.0	H	280.0	9.5
3679.500000	---	42.96	54.00	11.04	150.0	H	280.0	9.5

Final Result

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

EUT Information

EUT Name: WiFi 7 Router
Model: AR2340G
Test Mode: WIFI 5G_11ax20_Ch124
Order No/Sample No: 168478033/A003691667-001
Test Voltage:: 120V/60Hz
Remark: Temp 24 Humi:50%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

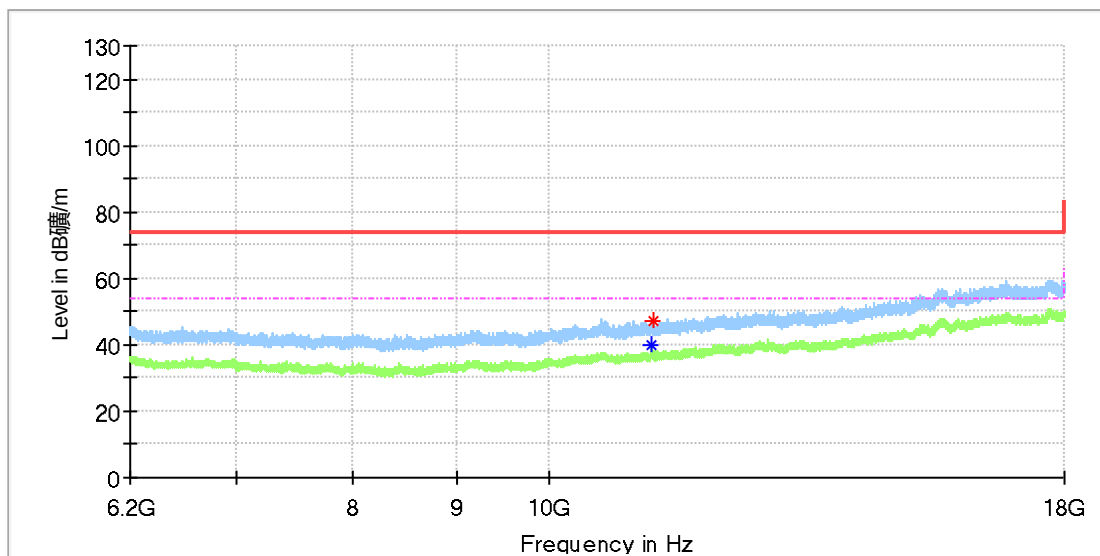
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1487.500000	---	32.77	54.00	21.23	150.0	V	185.0	1.2
1498.000000	44.40	---	74.00	29.60	150.0	V	0.0	1.2
3563.000000	---	42.52	54.00	11.48	150.0	V	206.0	9.2
3568.000000	52.59	---	74.00	21.41	150.0	V	227.0	9.2

Final Result

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

EUT Information

EUT Name: WiFi 7 Router
Model: AR2340G
Test Mode: WIFI 5G_11ax20_Ch124
Order No/Sample No: 168478033/A003691667-001
Test Voltage:: 120V/60Hz
Remark: Temp 24 Humi:50%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

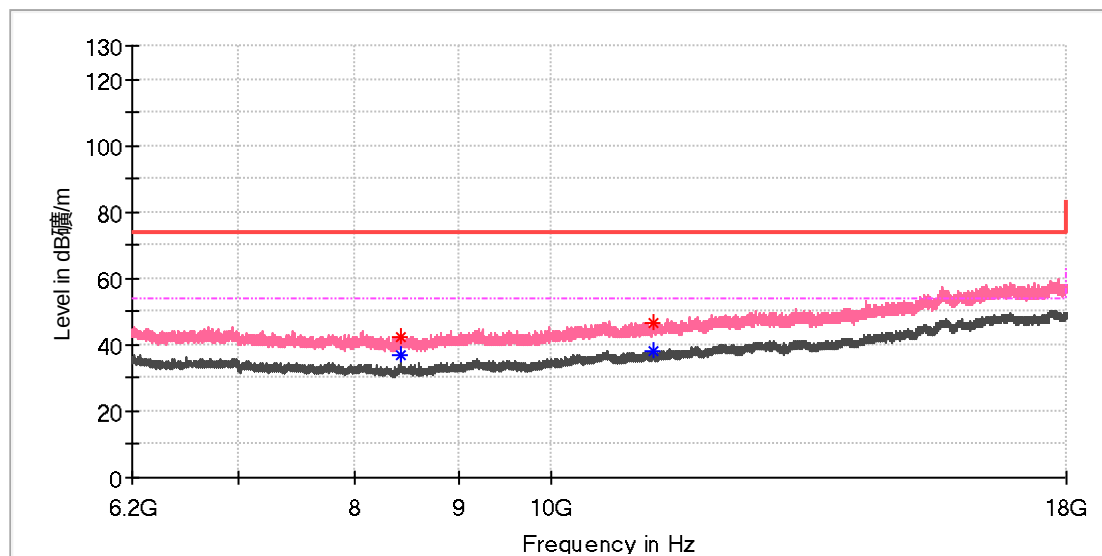
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
11243.516667	---	40.01	54.00	13.99	150.0	H	286.0	12.6
11251.875000	47.20	---	74.00	26.80	150.0	H	116.0	12.6

Final_Result

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

EUT Information

EUT Name: WiFi 7 Router
 Model: AR2340G
 Test Mode: WIFI 5G_11ax20_Ch124
 Order No/Sample No: 168478033/A003691667-001
 Test Voltage:: 120V/60Hz
 Remark: Temp 24 Humi:50%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

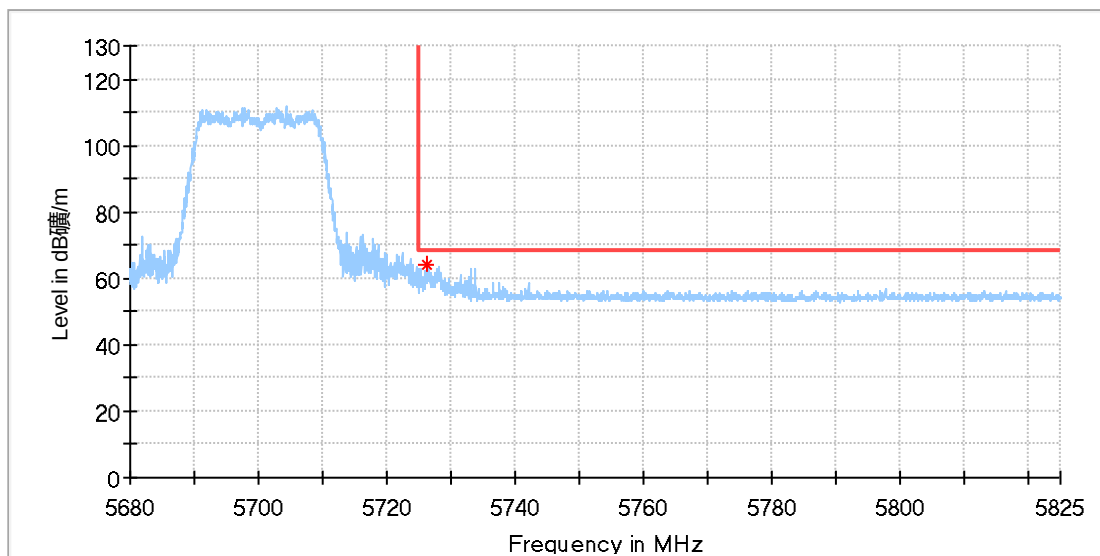
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8429.708333	42.59	---	74.00	31.41	150.0	V	32.0	9.2
8429.708333	---	36.95	54.00	17.05	150.0	V	32.0	9.2
11234.175000	---	38.24	54.00	15.76	150.0	V	300.0	12.6
11241.058333	46.65	---	74.00	27.35	150.0	V	336.0	12.6

Final Result

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

EUT Name: WiFi 7 Router
Model: AR2340G
Test Mode: WIFI 5G_11ax20_Ch140
Order No/Sample No: 168478033/A003691667-001
Test Voltage:: 120V/60Hz
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

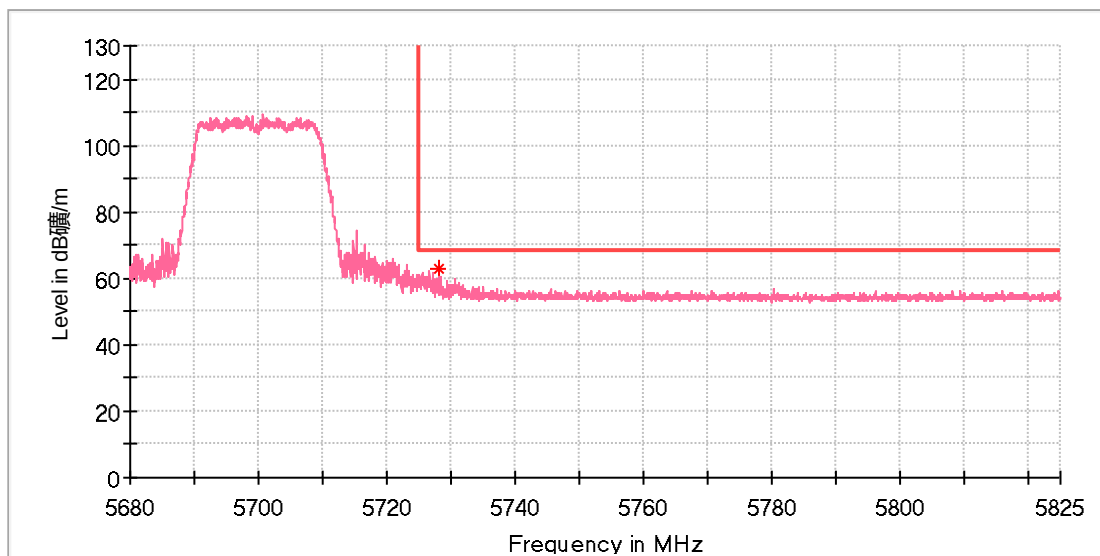
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5726.238889	64.34	68.20	3.86	150.0	H	89.0	13.9

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: WiFi 7 Router
Model: AR2340G
Test Mode: WIFI 5G_11ax20_Ch140
Order No/Sample No: 168478033/A003691667-001
Test Voltage:: 120V/60Hz
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

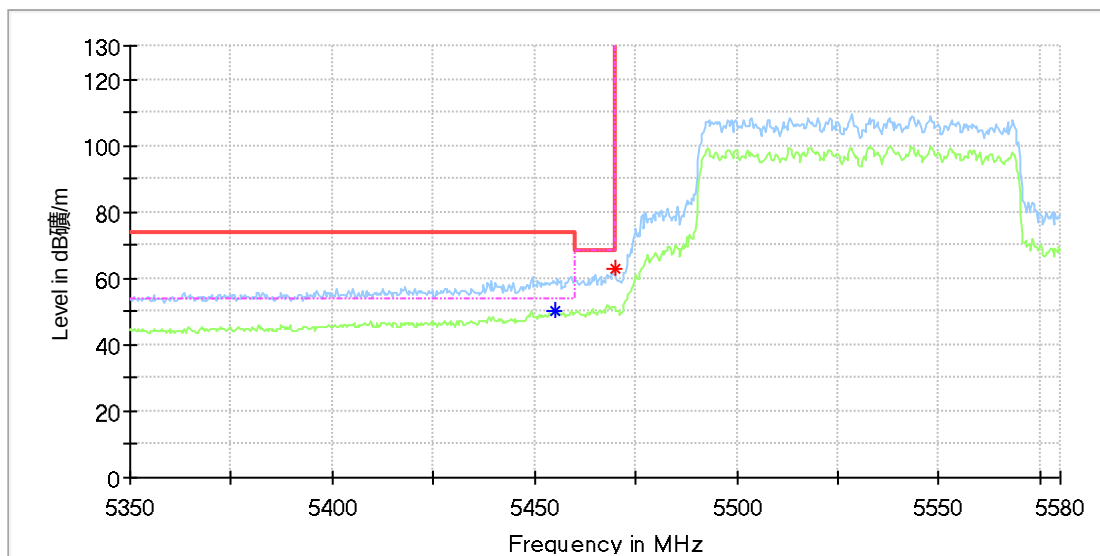
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5728.172222	62.59	68.20	5.61	150.0	V	28.0	13.9

Final_Result

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

EUT Information

EUT Name: WiFi 7 Router
 Model: AR2340G
 Test Mode: WIFI 5G_11ax80_Ch106
 Order No/Sample No: 168478033/A003691667-001
 Test Voltage:: 120V/60Hz
 Remark: Temp 22 Humi:52%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

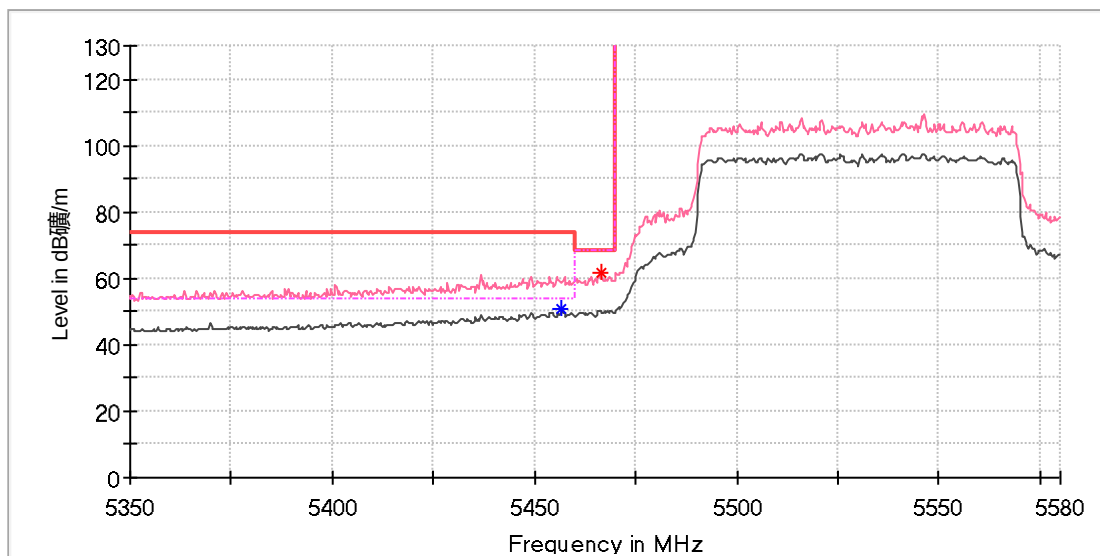
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5455.116667	---	50.16	54.00	3.84	150.0	H	124.0	13.6
5469.866667	62.59	---	68.20	5.61	150.0	H	130.0	13.6

Final_Result

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

EUT Name: WiFi 7 Router
 Model: AR2340G
 Test Mode: WIFI 5G_11ax80_Ch106
 Order No/Sample No: 168478033/A003691667-001
 Test Voltage:: 120V/60Hz
 Remark: Temp 22 Humi:52%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

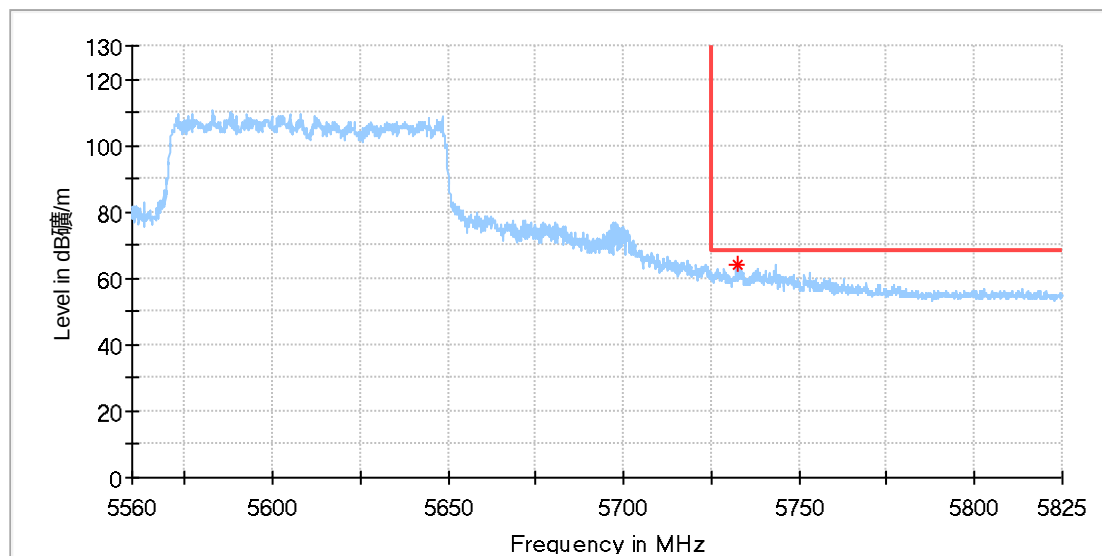
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5456.755556	---	50.49	54.00	3.51	150.0	V	29.0	13.6
5466.261111	61.79	---	68.20	6.41	150.0	V	43.0	13.6

Final_Result

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

EUT Name: WiFi 7 Router
Model: AR2340G
Test Mode: WIFI 5G_11ax80_Ch122
Order No/Sample No: 168478033/A003691667-001
Test Voltage:: 120V/60Hz
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

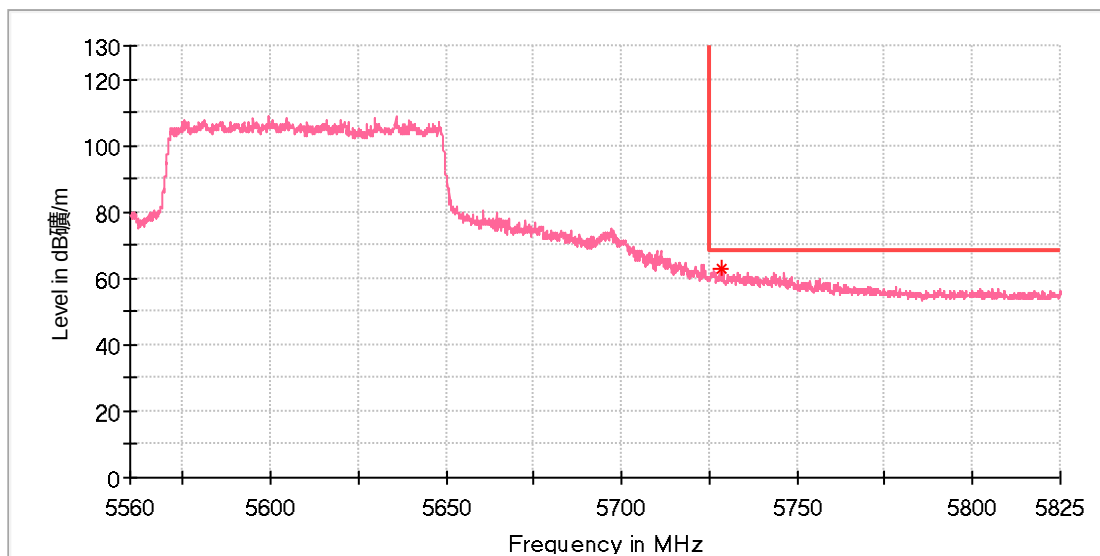
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5732.465278	64.18	68.20	4.02	150.0	H	75.0	13.9

Final_Result

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

EUT Information

EUT Name: WiFi 7 Router
Model: AR2340G
Test Mode: WIFI 5G_11ax80_Ch122
Order No/Sample No: 168478033/A003691667-001
Test Voltage:: 120V/60Hz
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

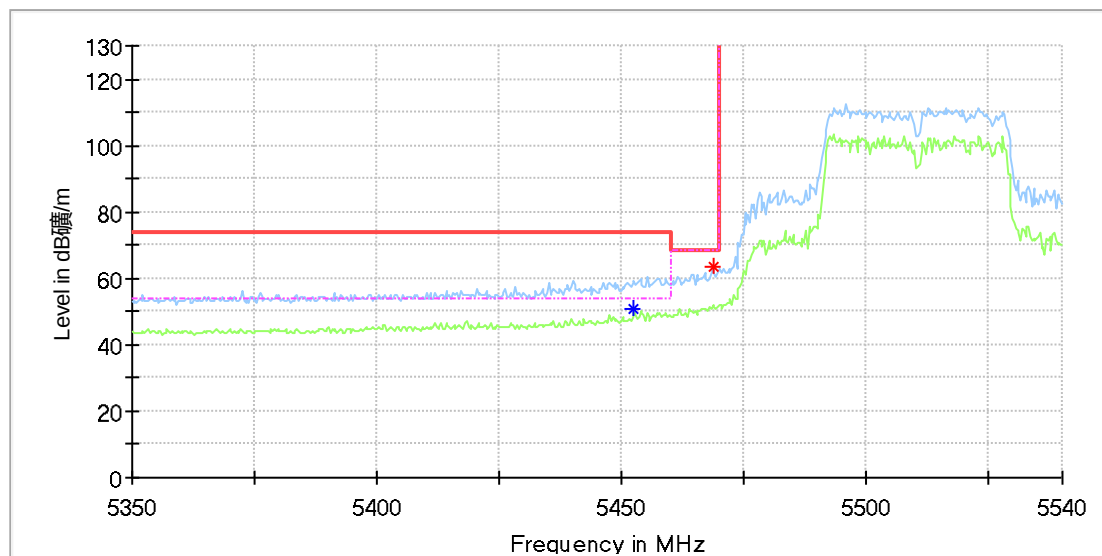
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5728.222222	62.96	68.20	5.24	150.0	V	2.0	13.9

Final_Result

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

EUT Information

EUT Name: WiFi 7 Router
 Model: AR2340G
 Test Mode: WIFI 5G_11n40_Ch102
 Order No/Sample No: 168478033/A003691667-001
 Test Voltage:: 120V/60Hz
 Remark: Temp 22 Humi:52%
 Test Standard: FCC 15.407
 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)
5452.494445	---	50.72	54.00	3.28	150.0	H	112.0	13.5
5468.555556	63.47	---	68.20	4.73	150.0	H	118.0	13.6

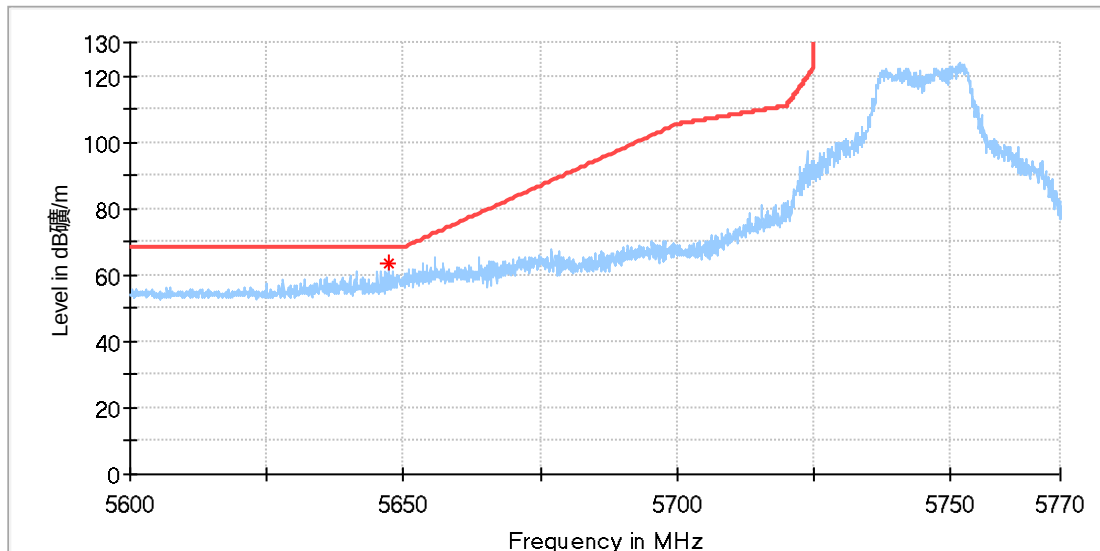
Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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U-NII-3 Band

EUT Information

EUT Name: WiFi 7 Router
Model: AR2340G
Test Mode: WIFI 5G_11a_Ch149
Order No/Sample No: 168478033/A003691667-001
Test Voltage:: 120V/60Hz
Remark: Temp 24 Humi:50%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

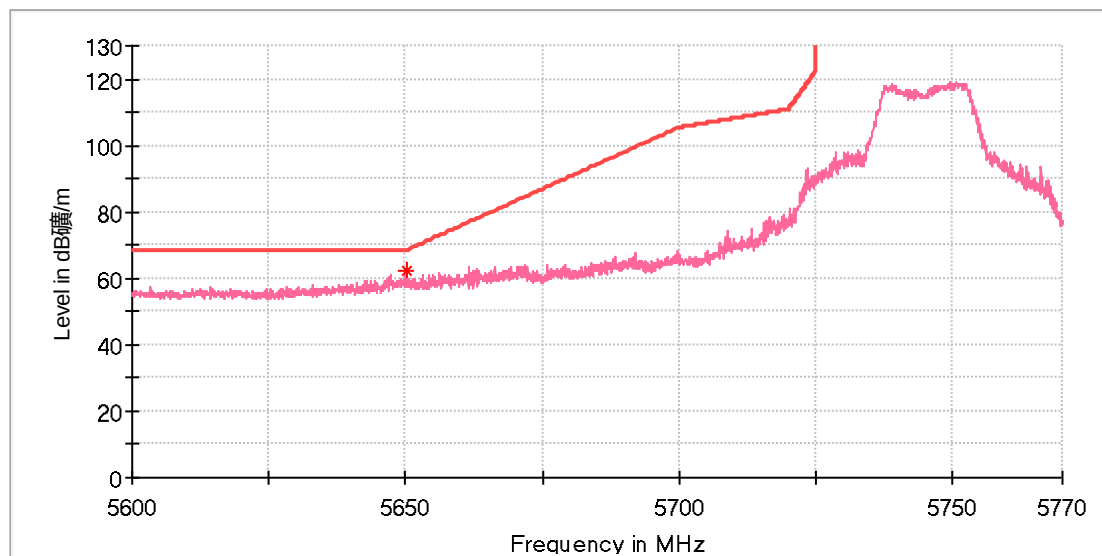
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5647.238889	63.51	68.20	4.69	150.0	H	183.0	13.8

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: WiFi 7 Router
Model: AR2340G
Test Mode: WIFI 5G_11a_Ch149
Order No/Sample No: 168478033/A003691667-001
Test Voltage:: 120V/60Hz
Remark: Temp 24 Humi:50%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

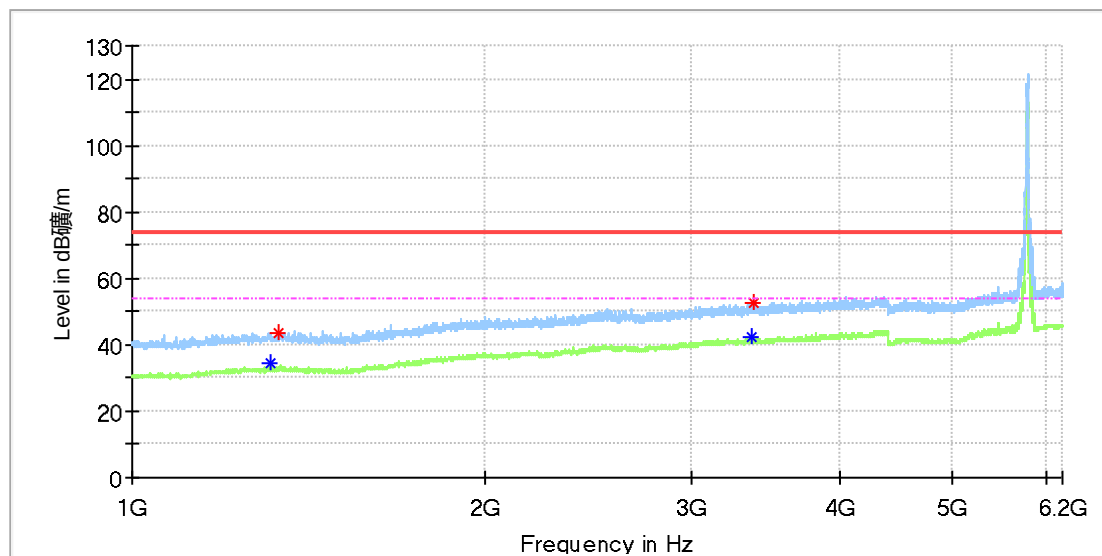
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5650.294445	62.35	68.42	6.06	150.0	V	105.0	13.8

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: WiFi 7 Router
 Model: AR2340G
 Test Mode: WIFI 5G_11a_Ch157
 Order No/Sample No: 168478033/A003691667-001
 Test Voltage:: 120V/60Hz
 Remark: Temp 24 Humi:50%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

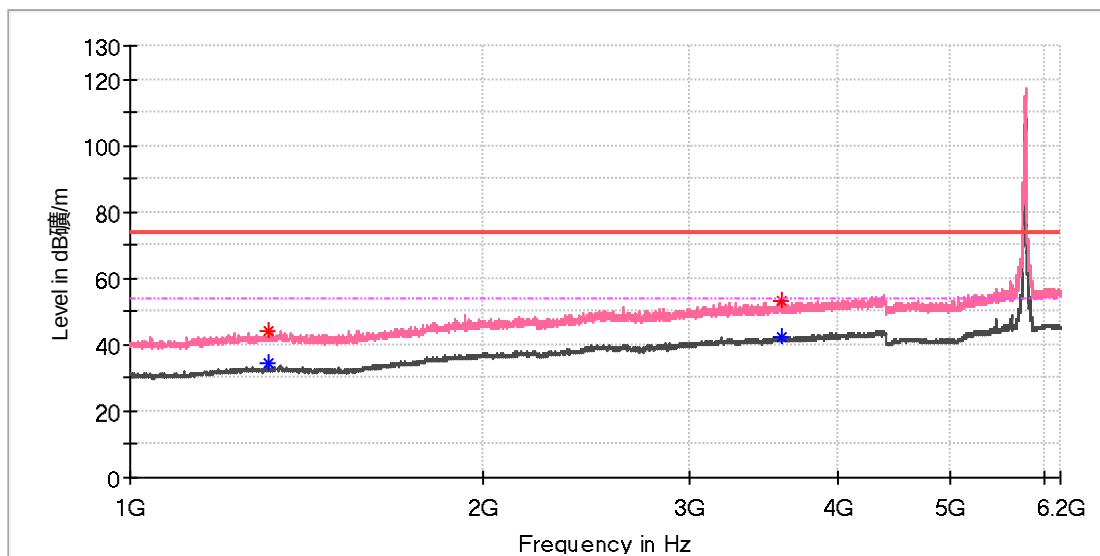
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1312.500000	---	34.24	54.00	19.76	150.0	H	144.0	2.0
1335.000000	43.57	---	74.00	30.43	150.0	H	216.0	2.1
3376.500000	---	42.38	54.00	11.62	150.0	H	311.0	8.6
3386.500000	52.38	---	74.00	21.62	150.0	H	331.0	8.7

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: WiFi 7 Router
 Model: AR2340G
 Test Mode: WIFI 5G_11a_Ch157
 Order No/Sample No: 168478033/A003691667-001
 Test Voltage:: 120V/60Hz
 Remark: Temp 24 Humi:50%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

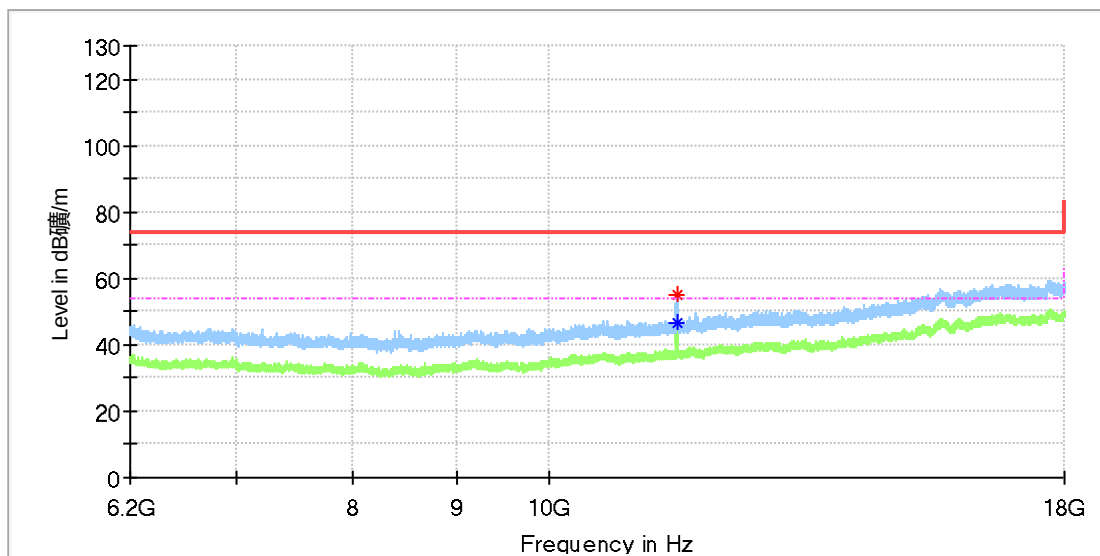
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1312.000000	43.92	---	74.00	30.08	150.0	V	98.0	2.0
1312.500000	---	34.19	54.00	19.81	150.0	V	29.0	2.0
3594.000000	---	42.42	54.00	11.58	150.0	V	63.0	9.3
3594.500000	53.08	---	74.00	20.92	150.0	V	202.0	9.3

Final Result

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

EUT Name: WiFi 7 Router
 Model: AR2340G
 Test Mode: WIFI 5G_11a_Ch157
 Order No/Sample No: 168478033/A003691667-001
 Test Voltage:: 120V/60Hz
 Remark: Temp 24 Humi:50%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

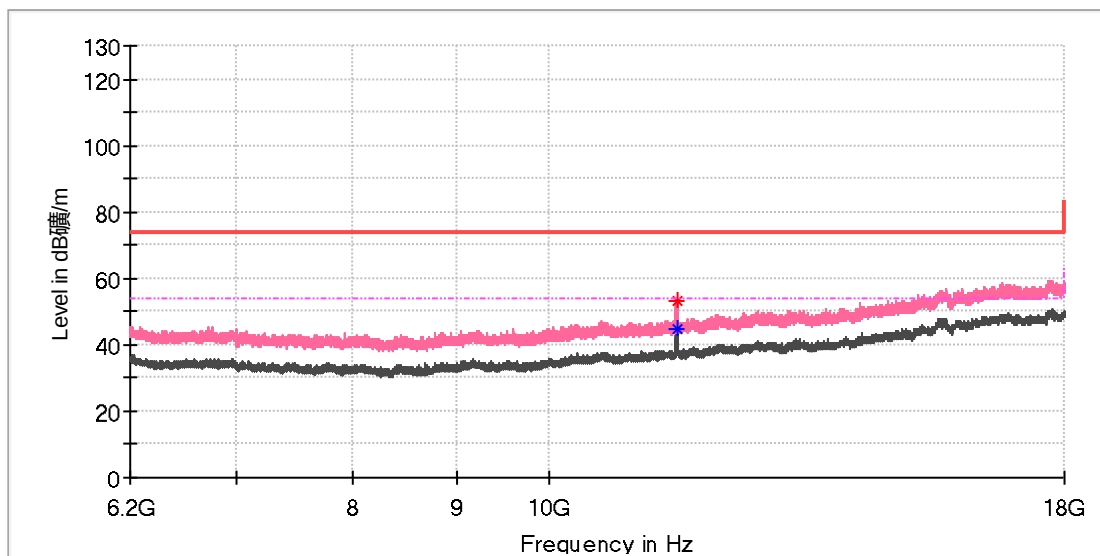
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
11577.850000	---	46.72	54.00	7.28	150.0	H	315.0	13.4
11579.325000	54.90	---	74.00	19.10	150.0	H	218.0	13.4

Final_Result

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

EUT Information

EUT Name: WiFi 7 Router
 Model: AR2340G
 Test Mode: WIFI 5G_11a_Ch157
 Order No/Sample No: 168478033/A003691667-001
 Test Voltage:: 120V/60Hz
 Remark: Temp 24 Humi:50%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

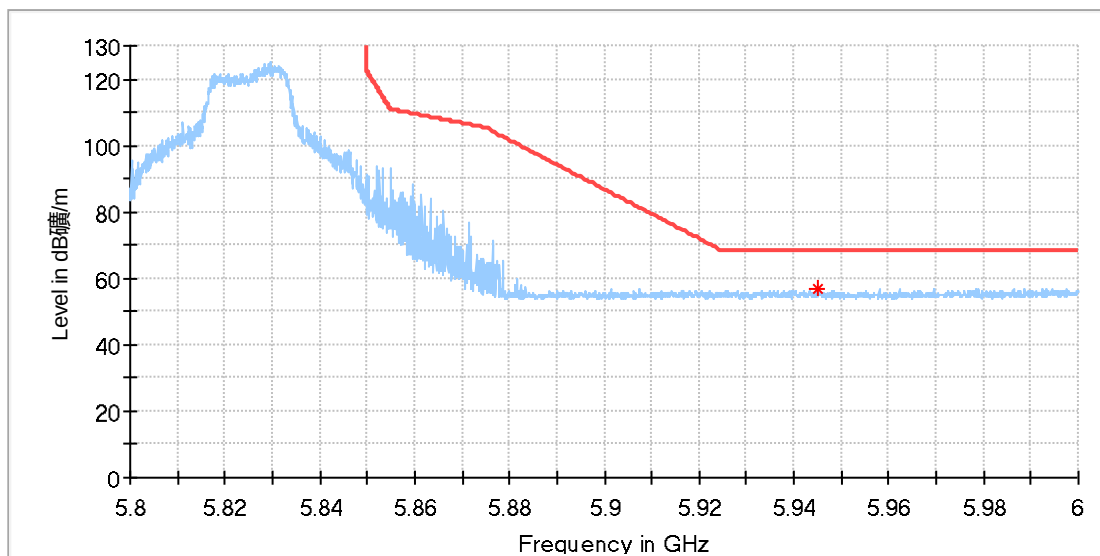
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
11575.391667	---	44.91	54.00	9.09	150.0	V	0.0	13.4
11576.866667	52.91	---	74.00	21.09	150.0	V	0.0	13.4

Final_Result

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

EUT Name: WiFi 7 Router
Model: AR2340G
Test Mode: WIFI 5G_11a_Ch165
Order No/Sample No: 168478033/A003691667-001
Test Voltage:: 120V/60Hz
Remark: Temp 24 Humi:50%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

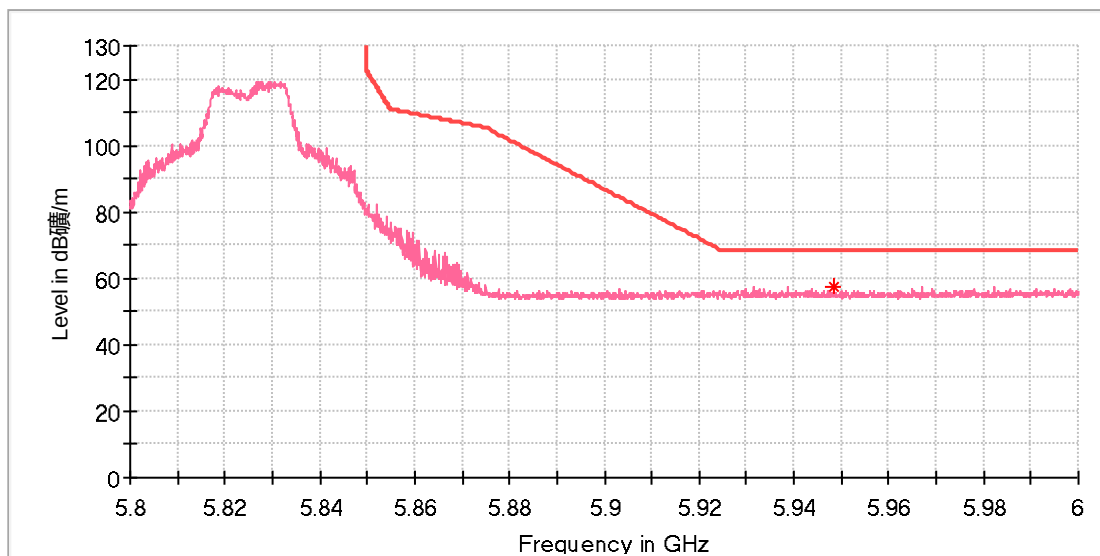
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5945.000000	56.95	68.20	11.25	150.0	H	61.0	14.7

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: WiFi 7 Router
Model: AR2340G
Test Mode: WIFI 5G_11a_Ch165
Order No/Sample No: 168478033/A003691667-001
Test Voltage:: 120V/60Hz
Remark: Temp 24 Humi:50%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

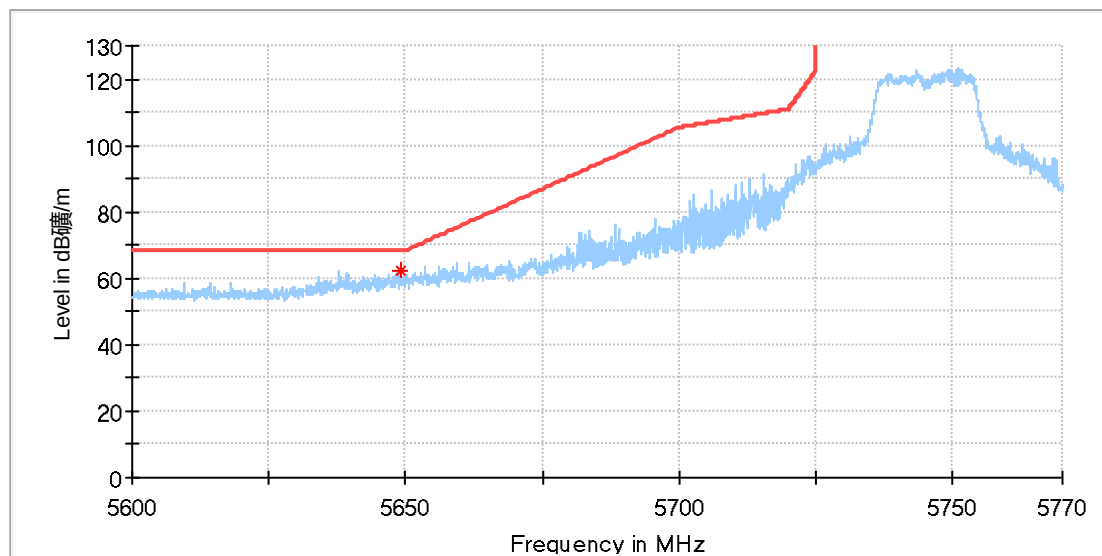
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5948.361111	57.15	68.20	11.05	150.0	V	179.0	14.8

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: WiFi 7 Router
Model: AR2340G
Test Mode: WIFI 5G_11ac20_Ch149
Order No/Sample No: 168478033/A003691667-001
Test Voltage:: 120V/60Hz
Remark: Temp 24 Humi:50%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

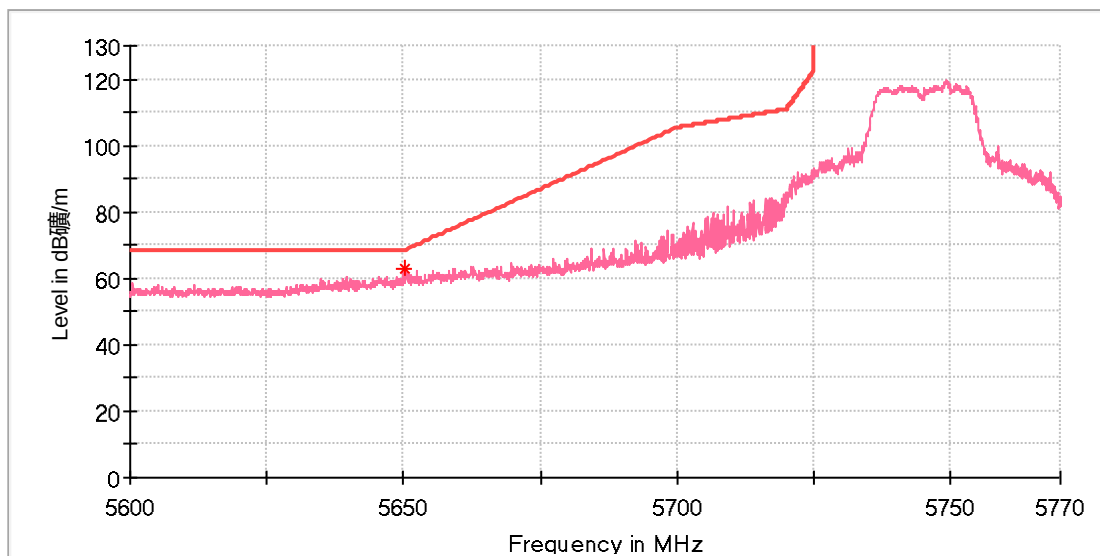
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5648.950000	62.17	68.20	6.03	150.0	H	162.0	13.8

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: WiFi 7 Router
Model: AR2340G
Test Mode: WIFI 5G_11ac20_Ch149
Order No/Sample No: 168478033/A003691667-001
Test Voltage:: 120V/60Hz
Remark: Temp 24 Humi:50%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

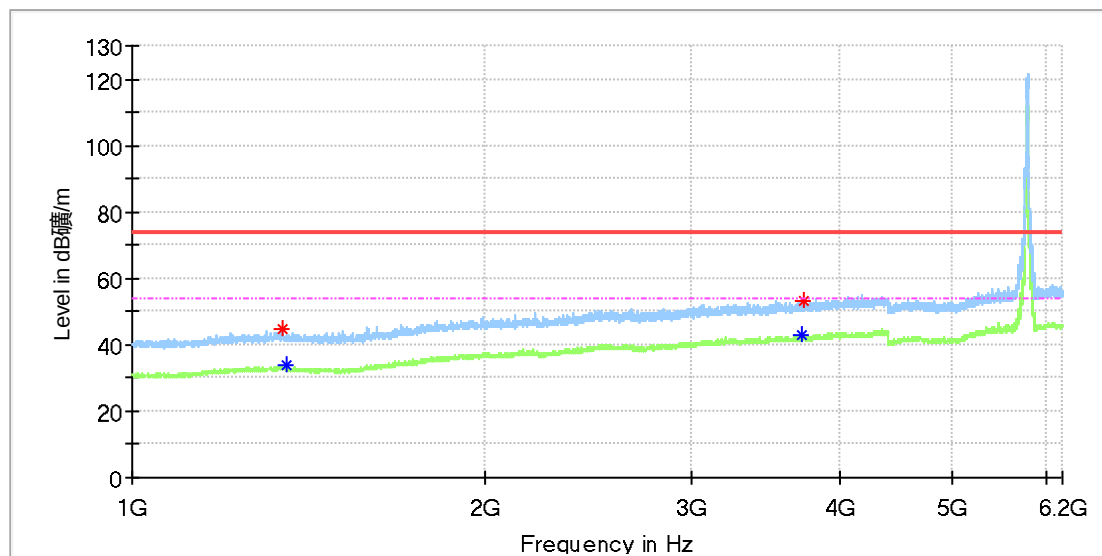
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5650.294445	62.93	68.42	5.49	150.0	V	50.0	13.8

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: WiFi 7 Router
 Model: AR2340G
 Test Mode: WIFI 5G_11ac20_Ch157
 Order No/Sample No: 168478033/A003691667-001
 Test Voltage:: 120V/60Hz
 Remark: Temp 24 Humi:50%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

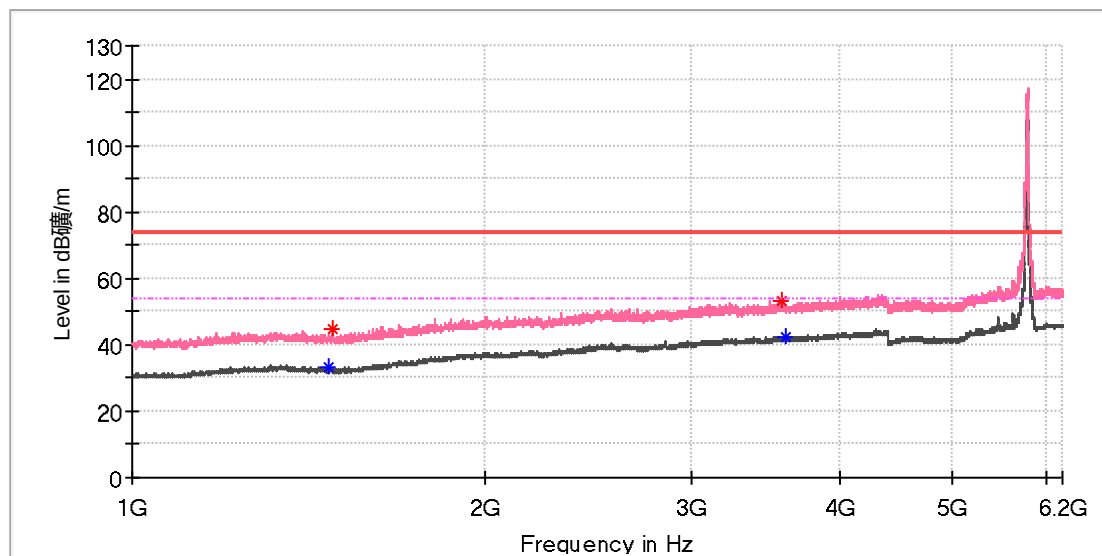
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1341.000000	44.79	---	74.00	29.21	150.0	H	327.0	2.1
1352.500000	---	33.69	54.00	20.31	150.0	H	356.0	2.1
3717.500000	---	42.70	54.00	11.30	150.0	H	129.0	9.6
3733.500000	53.31	---	74.00	20.69	150.0	H	301.0	9.6

Final Result

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

EUT Name: WiFi 7 Router
 Model: AR2340G
 Test Mode: WIFI 5G_11ac20_Ch157
 Order No/Sample No: 168478033/A003691667-001
 Test Voltage:: 120V/60Hz
 Remark: Temp 24 Humi:50%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

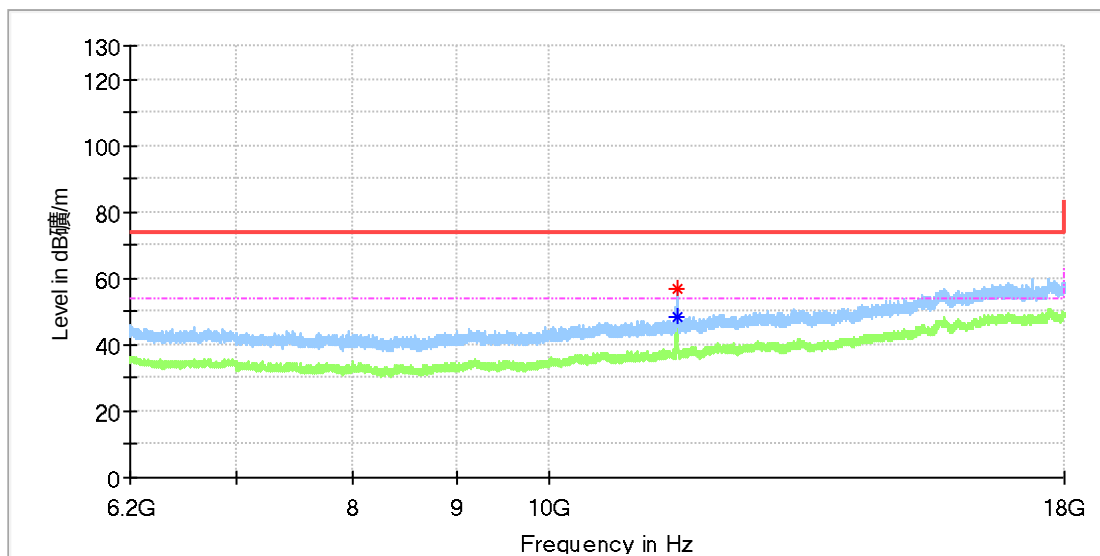
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1473.000000	---	33.22	54.00	20.78	150.0	V	234.0	1.3
1480.000000	44.93	---	74.00	29.07	150.0	V	199.0	1.3
3580.000000	53.29	---	74.00	20.71	150.0	V	249.0	9.3
3599.500000	---	42.53	54.00	11.47	150.0	V	317.0	9.3

Final Result

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

EUT Name: WiFi 7 Router
 Model: AR2340G
 Test Mode: WIFI 5G_11ac20_Ch157
 Order No/Sample No: 168478033/A003691667-001
 Test Voltage:: 120V/60Hz
 Remark: Temp 24 Humi:50%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

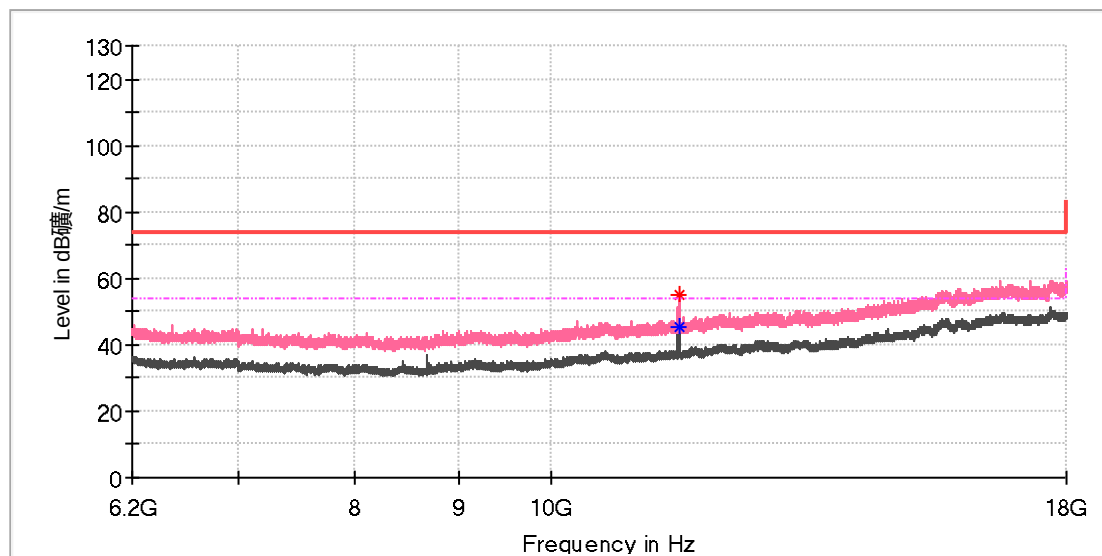
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
11578.833333	57.11	---	74.00	16.89	150.0	H	323.0	13.4
11578.833333	---	48.20	54.00	5.80	150.0	H	323.0	13.4

Final_Result

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

EUT Name: WiFi 7 Router
 Model: AR2340G
 Test Mode: WIFI 5G_11ac20_Ch157
 Order No/Sample No: 168478033/A003691667-001
 Test Voltage:: 120V/60Hz
 Remark: Temp 24 Humi:50%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

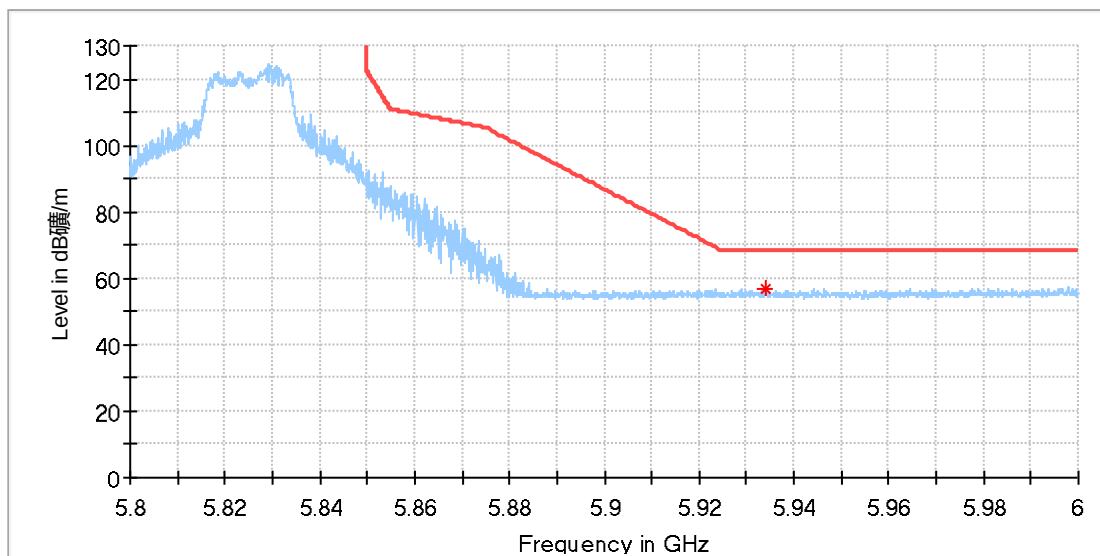
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
11577.358333	54.83	---	74.00	19.17	150.0	V	0.0	13.4
11577.358333	---	45.39	54.00	8.61	150.0	V	0.0	13.4

Final_Result

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

EUT Name: WiFi 7 Router
Model: AR2340G
Test Mode: WIFI 5G_11ac20_Ch165
Order No/Sample No: 168478033/A003691667-001
Test Voltage:: 120V/60Hz
Remark: Temp 24 Humi:50%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

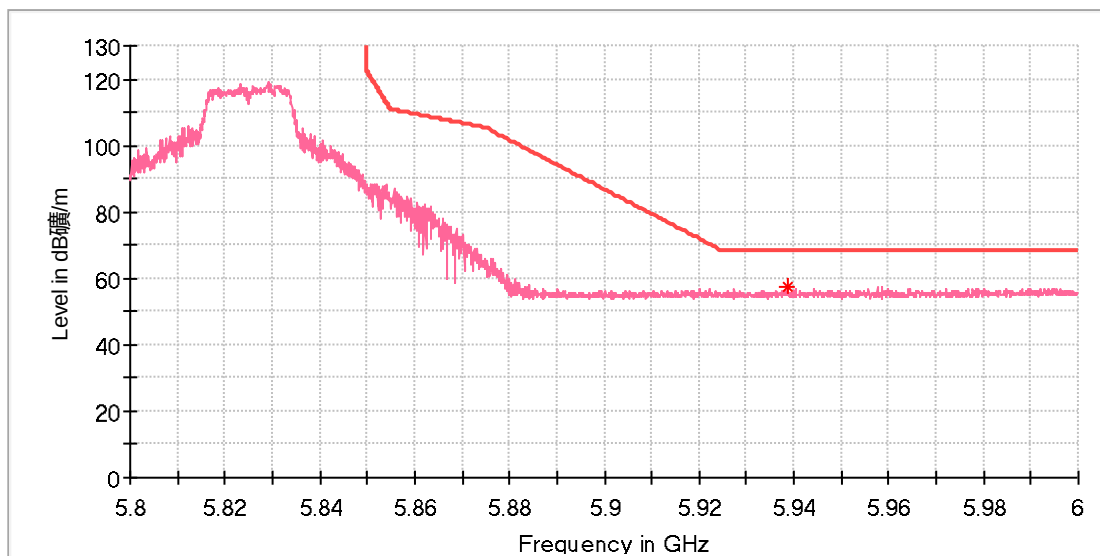
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5934.076389	56.93	68.20	11.27	150.0	H	212.0	14.7

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: WiFi 7 Router
Model: AR2340G
Test Mode: WIFI 5G_11ac20_Ch165
Order No/Sample No: 168478033/A003691667-001
Test Voltage:: 120V/60Hz
Remark: Temp 24 Humi:50%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

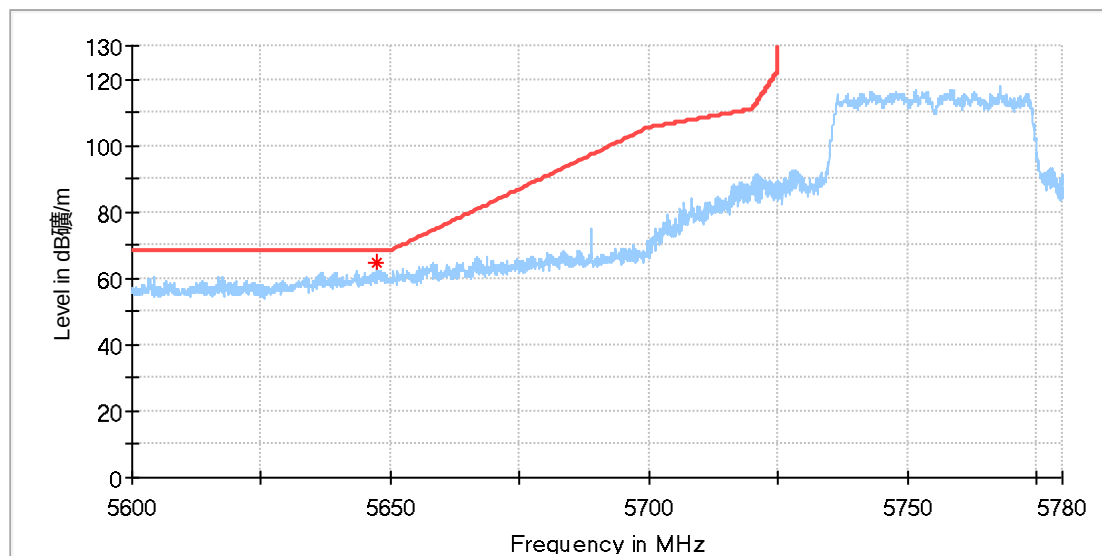
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5938.659722	57.59	68.20	10.61	150.0	V	221.0	14.7

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: WiFi 7 Router
Model: AR2340G
Test Mode: WIFI 5G_11BE40_Ch151
Order No/Sample No: 168478033/A003691667-001
Test Voltage:: 120V/60Hz
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

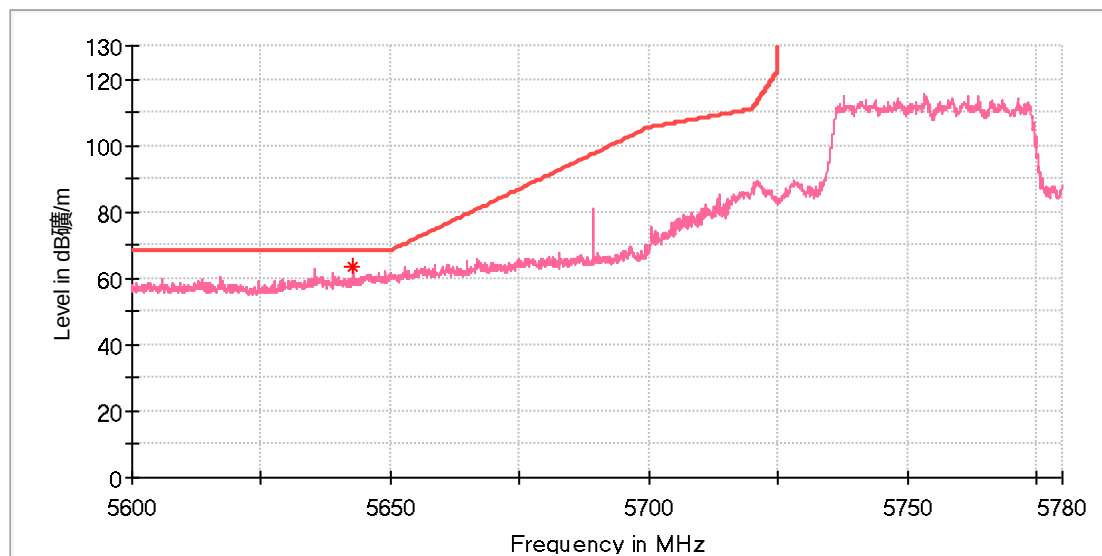
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5647.300000	64.46	68.20	3.74	150.0	H	82.0	13.8

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: WiFi 7 Router
Model: AR2340G
Test Mode: WIFI 5G_11BE40_Ch151
Order No/Sample No: 168478033/A003691667-001
Test Voltage:: 120V/60Hz
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

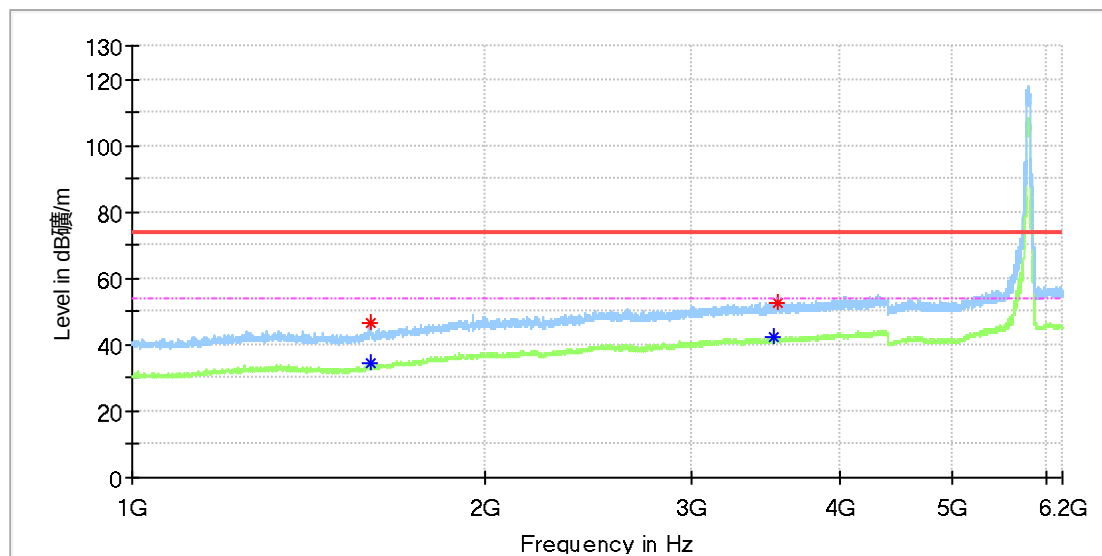
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5642.838889	63.54	68.20	4.66	150.0	V	327.0	13.8

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: WiFi 7 Router
 Model: AR2340G
 Test Mode: WIFI 5G_11BE40_Ch159
 Order No/Sample No: 168478033/A003691667-001
 Test Voltage:: 120V/60Hz
 Remark: Temp 22 Humi:52%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

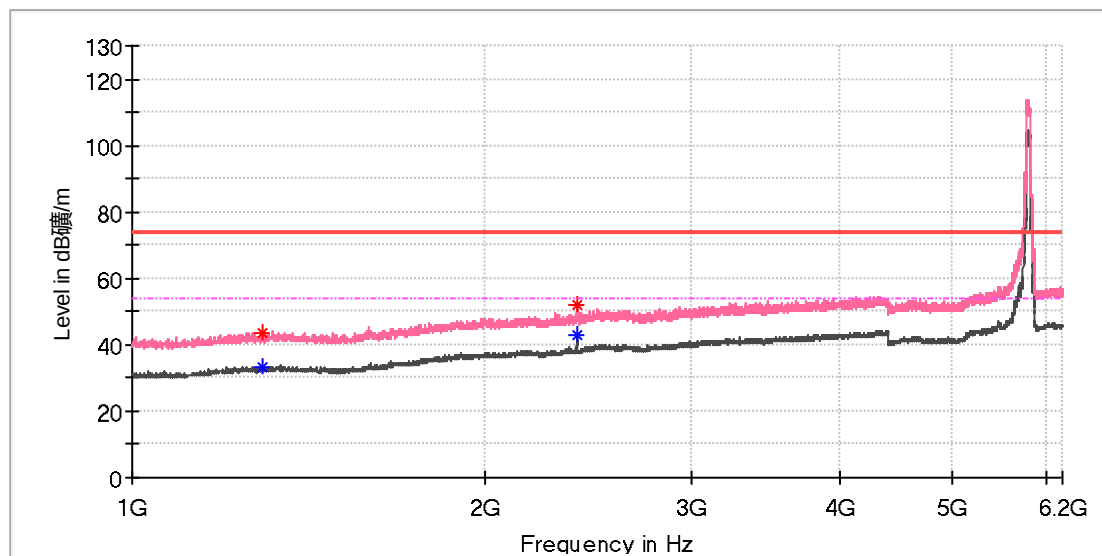
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1596.000000	46.54	---	74.00	27.46	150.0	H	336.0	2.0
1596.000000	---	34.75	54.00	19.25	150.0	H	336.0	2.0
3523.500000	---	42.25	54.00	11.75	150.0	H	163.0	9.1
3546.500000	52.84	---	74.00	21.16	150.0	H	91.0	9.2

Final Result

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

EUT Name: WiFi 7 Router
 Model: AR2340G
 Test Mode: WIFI 5G_11BE40_Ch159
 Order No/Sample No: 168478033/A003691667-001
 Test Voltage:: 120V/60Hz
 Remark: Temp 22 Humi:52%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

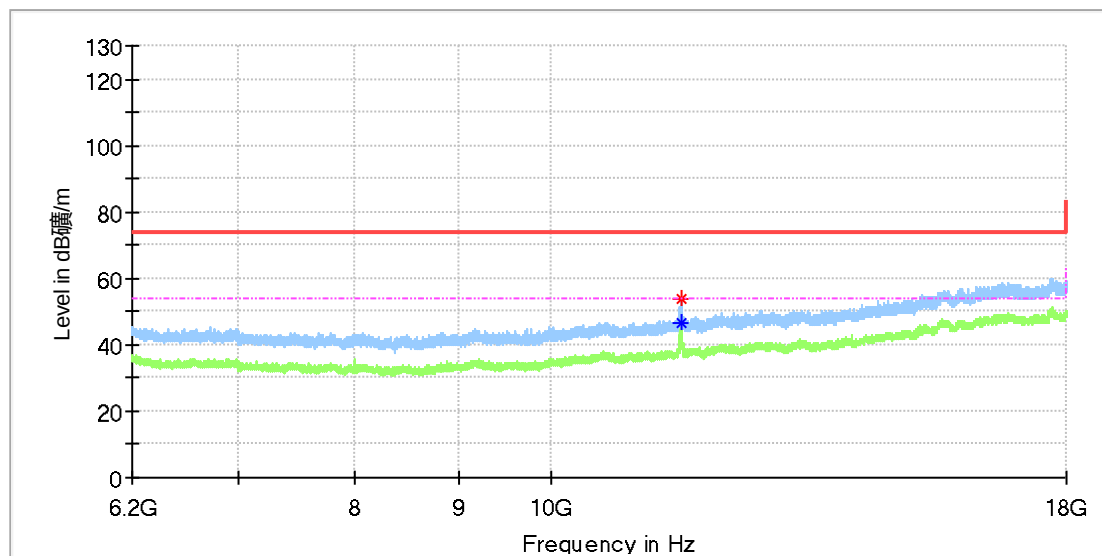
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1289.500000	43.76	---	74.00	30.24	150.0	V	117.0	1.9
1293.000000	---	33.55	54.00	20.45	150.0	V	196.0	1.9
2393.500000	52.30	---	74.00	21.70	150.0	V	270.0	7.0
2394.500000	---	43.06	54.00	10.94	150.0	V	251.0	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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EUT Information

EUT Name: WiFi 7 Router
 Model: AR2340G
 Test Mode: WIFI 5G_11BE40_Ch159
 Order No/Sample No: 168478033/A003691667-001
 Test Voltage:: 120V/60Hz
 Remark: Temp 22 Humi:52%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

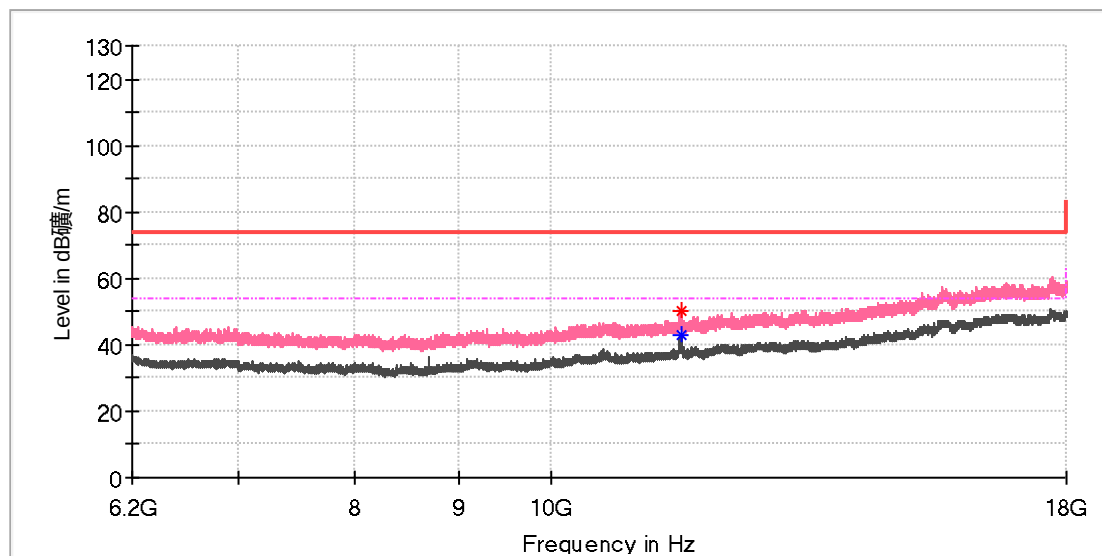
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
11593.583333	53.94	---	74.00	20.06	150.0	H	276.0	13.3
11598.008333	---	46.73	54.00	7.27	150.0	H	304.0	13.3

Final_Result

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

EUT Name: WiFi 7 Router
 Model: AR2340G
 Test Mode: WIFI 5G_11BE40_Ch159
 Order No/Sample No: 168478033/A003691667-001
 Test Voltage:: 120V/60Hz
 Remark: Temp 22 Humi:52%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

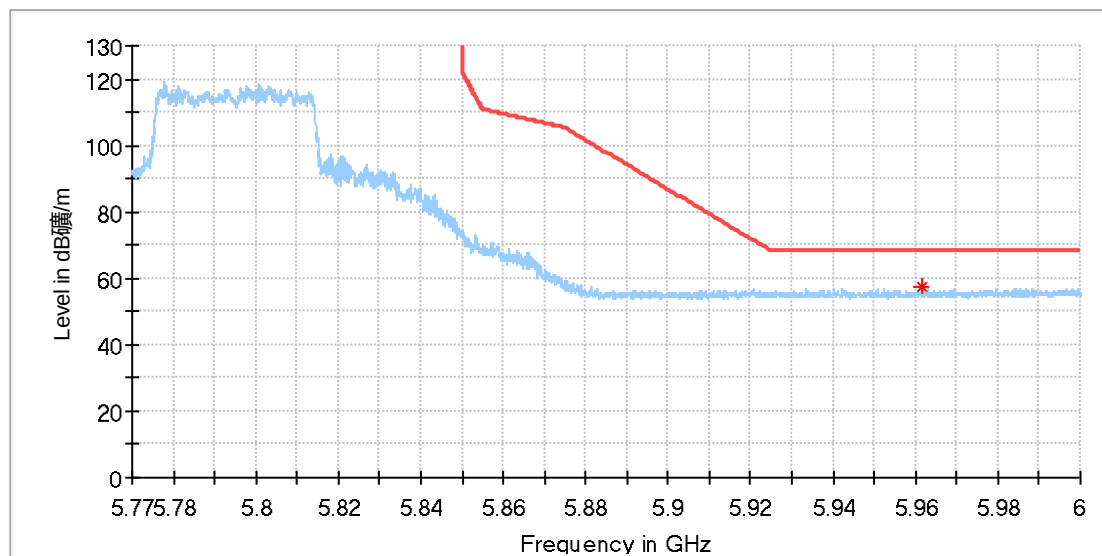
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
11591.125000	---	43.03	54.00	10.97	150.0	V	277.0	13.3
11593.583333	50.07	---	74.00	23.93	150.0	V	313.0	13.3

Final_Result

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

EUT Name: WiFi 7 Router
Model: AR2340G
Test Mode: WIFI 5G_11BE40_Ch159
Order No/Sample No: 168478033/A003691667-001
Test Voltage:: 120V/60Hz
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

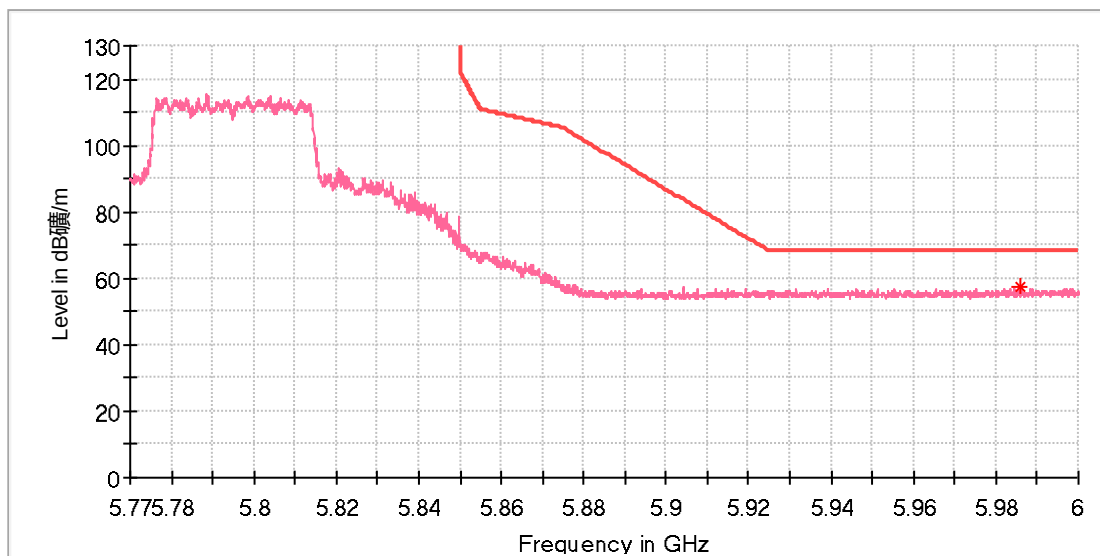
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5961.805556	57.68	68.20	10.52	150.0	H	281.0	14.8

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: WiFi 7 Router
Model: AR2340G
Test Mode: WIFI 5G_11BE40_Ch159
Order No/Sample No: 168478033/A003691667-001
Test Voltage:: 120V/60Hz
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

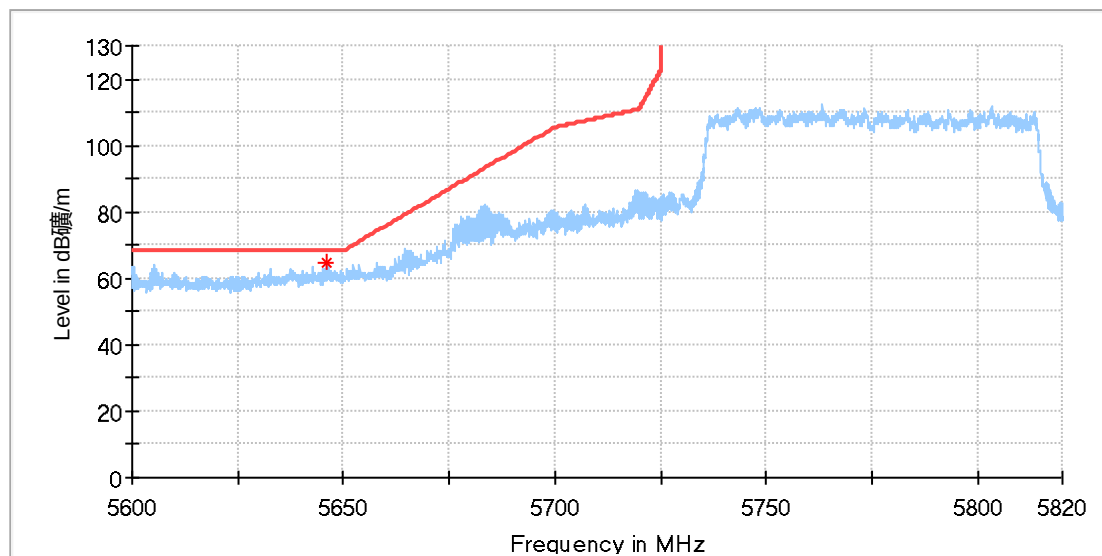
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5986.097222	57.18	68.20	11.02	150.0	V	291.0	14.9

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: WiFi 7 Router
Model: AR2340G
Test Mode: WIFI 5G_11BE80_Ch155
Order No/Sample No: 168478033/A003691667-001
Test Voltage:: 120V/60Hz
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.407
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)
5645.894445	64.99	68.20	3.21	150.0	H	83.0	13.8

Final_Result

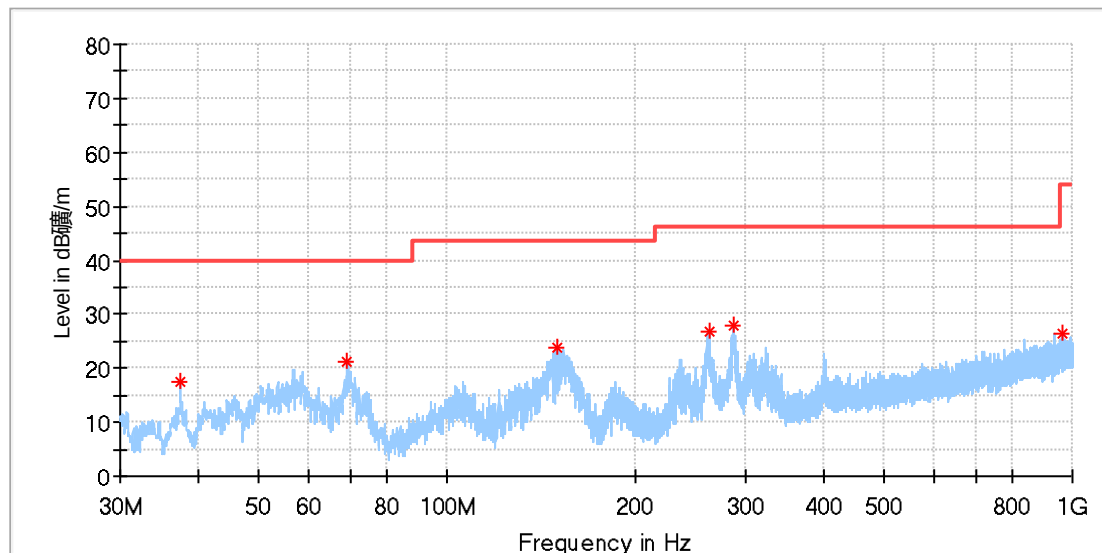
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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Co-location mode:

Simutaneous mode for 2.4GHz Wi-Fi + 5GHz Wi-Fi++ 6GHz Wi-Fi tested. It is verified that there is no emssions exceed the highest limit permitted for any one individual transmitter as required by Section 2.947(f).

EUT Information

EUT Name:	WiFi 7 Router
Model:	AR2340G
Test Mode:	WIFI 2.4G+WIFI 5G+WIFI 6E
Order No/Sample No:	168478033/A003691667-001
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

**Critical Freqs**

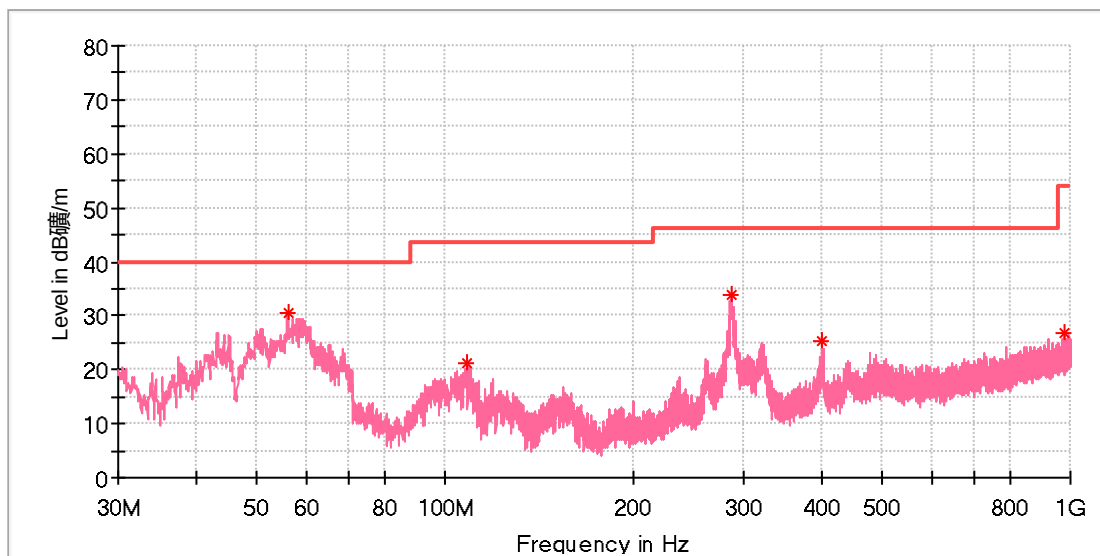
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
37.498846	17.34	40.00	22.66	100.0	H	164.0	-21.2
69.322308	21.03	40.00	18.97	100.0	H	59.0	-21.9
149.944231	23.79	43.50	19.71	100.0	H	355.0	-22.5
262.128462	26.64	46.00	19.36	100.0	H	221.0	-17.4
286.378462	28.03	46.00	17.97	100.0	H	319.0	-17.0
961.983462	26.59	54.00	27.41	100.0	H	294.0	-4.7

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: WiFi 7 Router
 Model: AR2340G
 Test Mode: WIFI 2.4G+WIFI 5G+WIFI 6E
 Order No/Sample No: 168478033/A003691667-001
 Test Voltage:: 120V/60Hz
 Remark: Temp 23 Humi:58%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

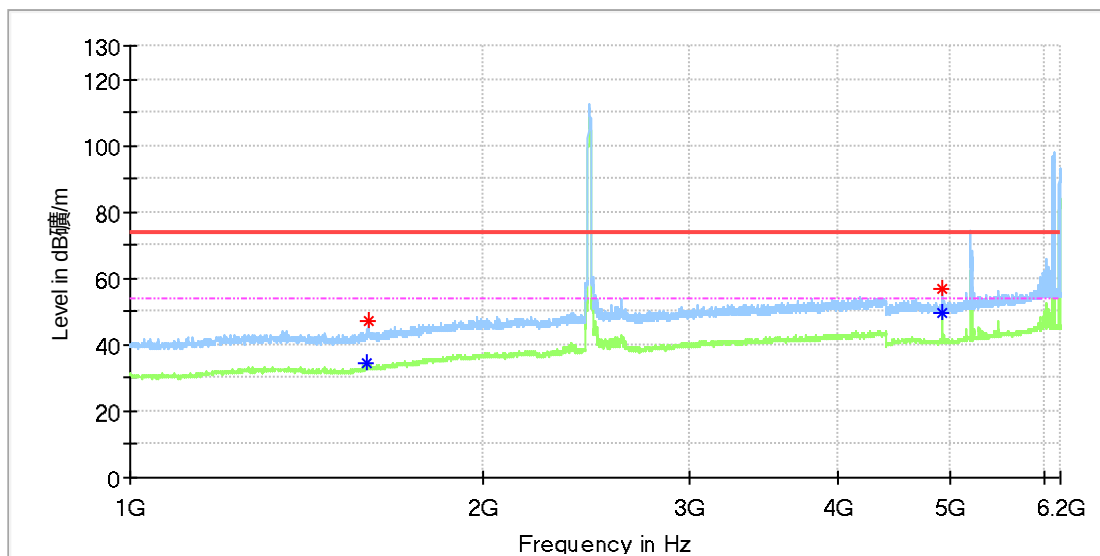
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
56.003462	30.50	40.00	9.50	100.0	V	85.0	-18.8
108.570000	21.38	43.50	22.12	100.0	V	0.0	-19.3
287.646923	34.03	46.00	11.97	100.0	V	14.0	-16.9
401.659231	25.15	46.00	20.85	100.0	V	37.0	-14.1
980.637308	26.72	54.00	27.28	100.0	V	157.0	-4.4

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: WiFi 7 Router
 Model: AR2340G
 Test Mode: WIFI 2.4G+WIFI 5G+WIFI 6E
 Order No/Sample No: 168478033/A003691667-001
 Test Voltage:: 120V/60Hz
 Remark: Temp 23 Humi:58%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

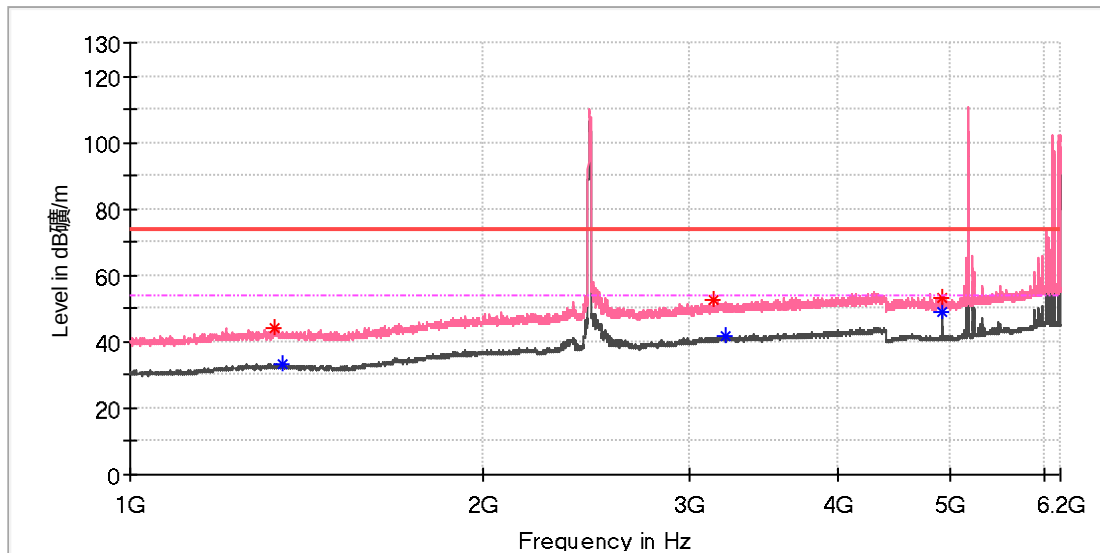
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1593.000000	---	34.20	54.00	19.80	150.0	H	60.0	2.0
1597.000000	46.91	---	74.00	27.09	150.0	H	105.0	2.1
4923.500000	---	49.78	54.00	4.22	150.0	H	190.0	11.8
4924.000000	57.06	---	74.00	16.94	150.0	H	190.0	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: WiFi 7 Router
 Model: AR2340G
 Test Mode: WIFI 2.4G+WIFI 5G+WIFI 6E
 Order No/Sample No: 168478033/A003691667-001
 Test Voltage:: 120V/60Hz
 Remark: Temp 23 Humi:58%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

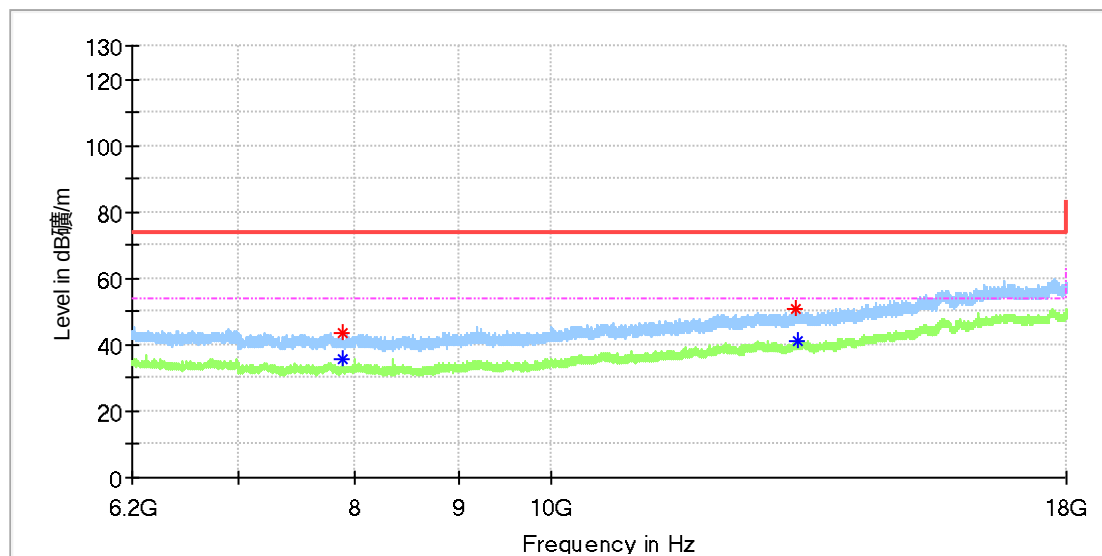
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1325.000000	43.99	---	74.00	30.01	150.0	V	224.0	2.0
1346.000000	---	33.33	54.00	20.67	150.0	V	295.0	2.1
3137.000000	52.59	---	74.00	21.41	150.0	V	212.0	8.6
3220.500000	---	41.78	54.00	12.22	150.0	V	286.0	8.6
4924.000000	---	48.72	54.00	5.28	150.0	V	105.0	11.8
4924.500000	53.11	---	74.00	20.89	150.0	V	105.0	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: WiFi 7 Router
 Model: AR2340G
 Test Mode: WIFI 2.4G+WIFI 5G+WIFI 6E
 Order No/Sample No: 168478033/A003691667-001
 Test Voltage:: 120V/60Hz
 Remark: Temp 23 Humi:58%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

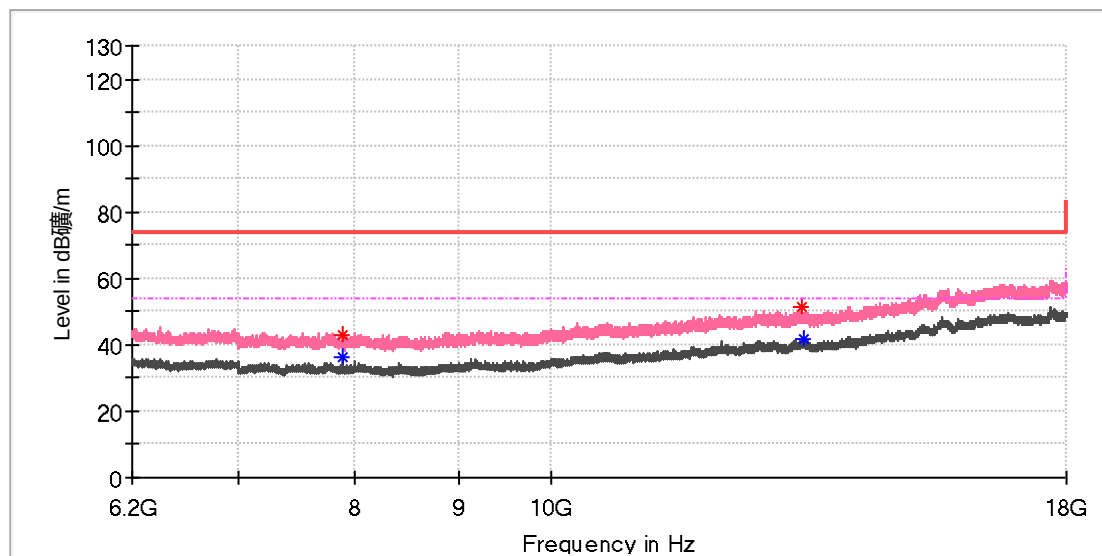
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7874.616667	---	35.84	54.00	18.16	150.0	H	226.0	8.6
7878.550000	43.53	---	74.00	30.47	150.0	H	287.0	8.6
13205.758333	50.67	---	74.00	23.33	150.0	H	348.0	15.5
13247.550000	---	41.05	54.00	12.96	150.0	H	357.0	15.5

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: WiFi 7 Router
 Model: AR2340G
 Test Mode: WIFI 2.4G+WIFI 5G+WIFI 6E
 Order No/Sample No: 168478033/A003691667-001
 Test Voltage:: 120V/60Hz
 Remark: Temp 23 Humi:58%
 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)
7874.616667	---	36.53	54.00	17.47	150.0	V	305.0	8.6
7891.825000	42.95	---	74.00	31.05	150.0	V	218.0	8.7
13315.400000	51.42	---	74.00	22.58	150.0	V	218.0	15.5
13347.850000	---	41.91	54.00	12.09	150.0	V	317.0	15.5

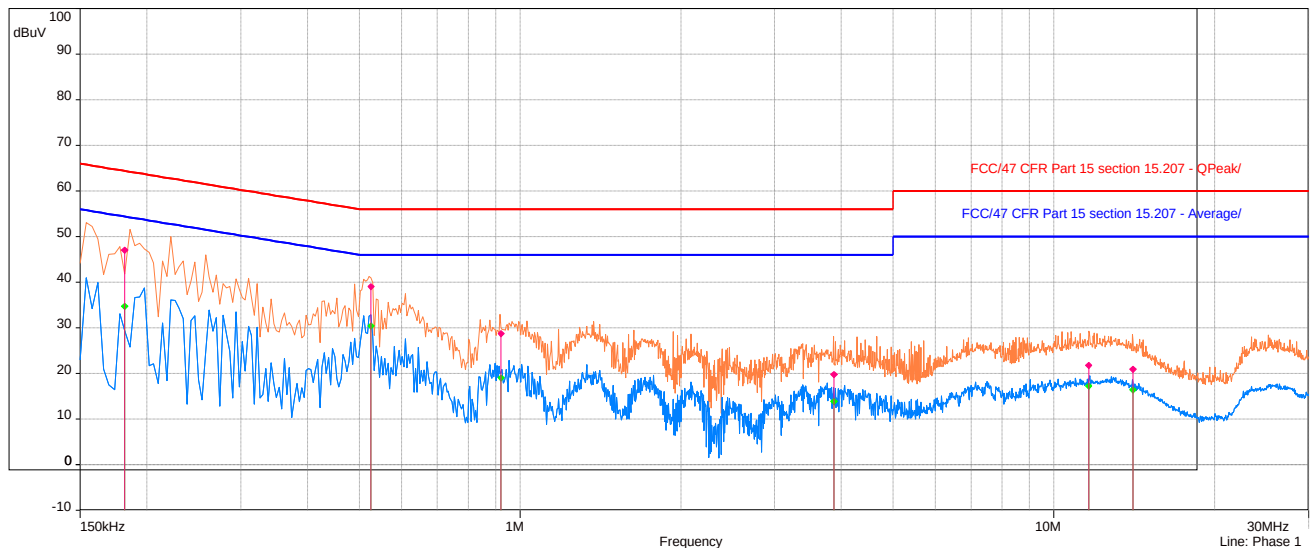
Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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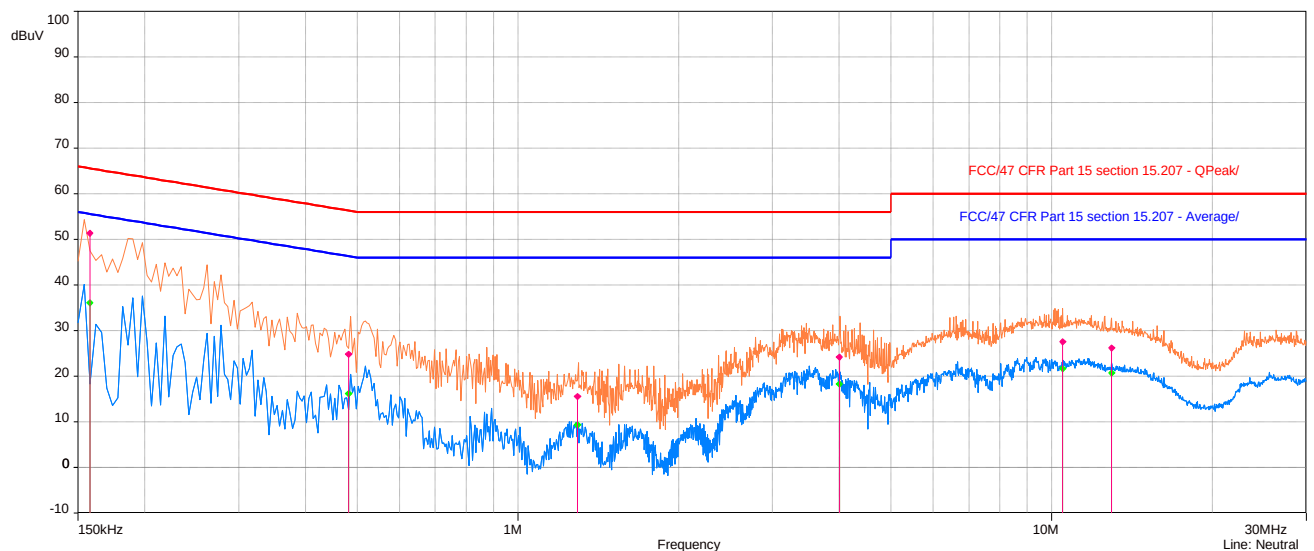
Appendix B.9: Test Results of Conducted Emission**EUT Information**

EUT Name: WiFi 7 Router
Model: AR2340G
Test Mode: WI-Fi & BLE Connecting
Order No/Sample No: 168478033/A003691667-001
Test Voltage:: 120V/60Hz
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.207
Tested By: Jack Huang
Reviewed By: Jacky Chen

— FCC/47 CFR Part 15 section 15.207 - Average/
— FCC/47 CFR Part 15 section 15.207 - QPeak/
— Peak (Phase 1)
— Avg (Phase 1)
— Meas.Q-Peak (dBuV) (QuasiPeak) (Phase 1)
— Meas.Avg (dBuV) (Average) (Phase 1)



— FCC/47 CFR Part 15 section 15.207 - Average/
— FCC/47 CFR Part 15 section 15.207 - QPeak/
— Peak (Neutral)
— Avg (Neutral)
— Meas.Q-Peak (dBuV) (QuasiPeak) (Neutral)
— Meas.Avg (dBuV) (Average) (Neutral)



Average (12)

Frequency (MHz)	SR	Meas.Avg (dBuV)	Limit (dBuV)	Meas.-Lim (dB)	Line	RBW	Meas.Time (s)	Comments	Correction (dB)
0.159	1	36.15	55.57	-19.42	Neutral	9k	1	Pass	9.54
0.48375	1	16.23	46.30	-30.07	Neutral	9k	1	Pass	9.54
1.2935	1	9.36	46.00	-36.64	Neutral	9k	1	Pass	9.58
4.00775	1	18.38	46.00	-27.62	Neutral	9k	1	Pass	9.66
10.48375	1	21.66	50.00	-28.34	Neutral	9k	1	Pass	9.85
12.94825	1	20.79	50.00	-29.21	Neutral	9k	1	Pass	10.05
0.18375	2	34.72	54.39	-19.67	Phase 1	9k	1	Pass	9.54
0.52425	2	30.45	46.00	-15.55	Phase 1	9k	1	Pass	9.52
0.92025	2	19.10	46.00	-26.90	Phase 1	9k	1	Pass	9.53
3.87225	2	13.93	46.00	-32.07	Phase 1	9k	1	Pass	9.60
11.62375	2	17.32	50.00	-32.68	Phase 1	9k	1	Pass	9.83
14.0545	2	16.42	50.00	-33.58	Phase 1	9k	1	Pass	10.03

QuasiPeak (12)

Frequency (MHz)	SR	Meas.Q-Peak (dBuV)	Limit (dBuV)	Meas.-Lim (dB)	Line	RBW	Meas.Time (s)	Comments	Correction (dB)
0.159	1	51.42	65.57	-14.14	Neutral	9k	1	Pass	9.54
0.48375	1	24.86	56.30	-31.44	Neutral	9k	1	Pass	9.54
1.2935	1	15.55	56.00	-40.45	Neutral	9k	1	Pass	9.58
4.00775	1	24.26	56.00	-31.74	Neutral	9k	1	Pass	9.66
10.48375	1	27.55	60.00	-32.45	Neutral	9k	1	Pass	9.85
12.94825	1	26.27	60.00	-33.73	Neutral	9k	1	Pass	10.05
0.18375	2	47.04	64.39	-17.35	Phase 1	9k	1	Pass	9.54
0.52425	2	39.04	56.00	-16.96	Phase 1	9k	1	Pass	9.52
0.92025	2	28.77	56.00	-27.23	Phase 1	9k	1	Pass	9.53
3.87225	2	19.75	56.00	-36.25	Phase 1	9k	1	Pass	9.60
11.62375	2	21.76	60.00	-38.24	Phase 1	9k	1	Pass	9.83
14.0545	2	20.96	60.00	-39.04	Phase 1	9k	1	Pass	10.03