

Appendix A: Test Results

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Appendix A.1: Test Results of Radiated Spurious Emissions, Bluetooth LE

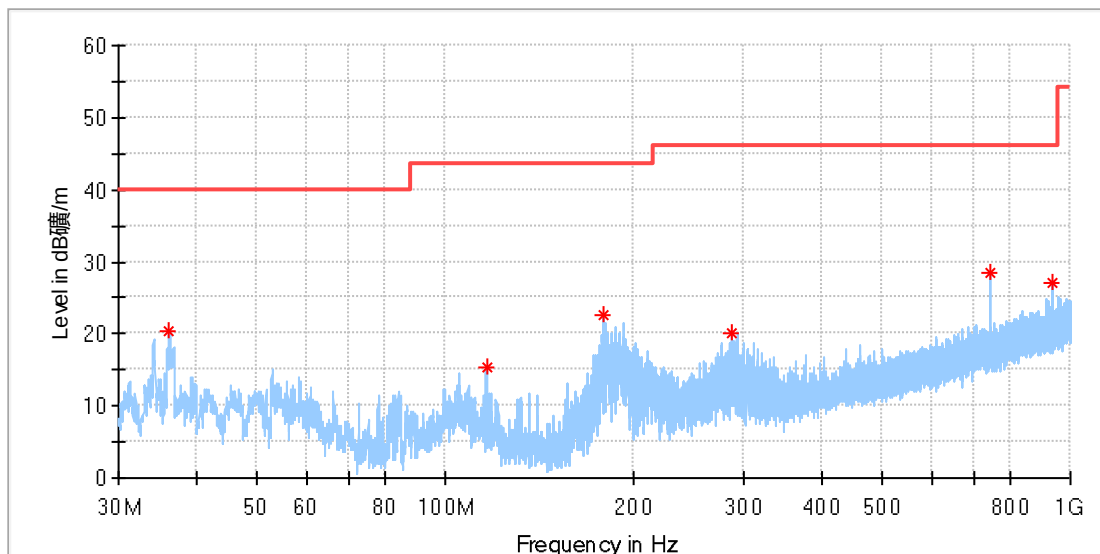
Note:

- 1) This testing was carried out on different modulations, but only the worst case was presented in this report.
- 2) 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.

30 MHz - 1GHz

EUT Information

EUT Name:	Typhur Sync One Pro Wireless Thermometer
Model:	WT13
Test Mode:	BLE 1M_Mid channel
Order No/Sample No:	168556481/A004001131-003
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

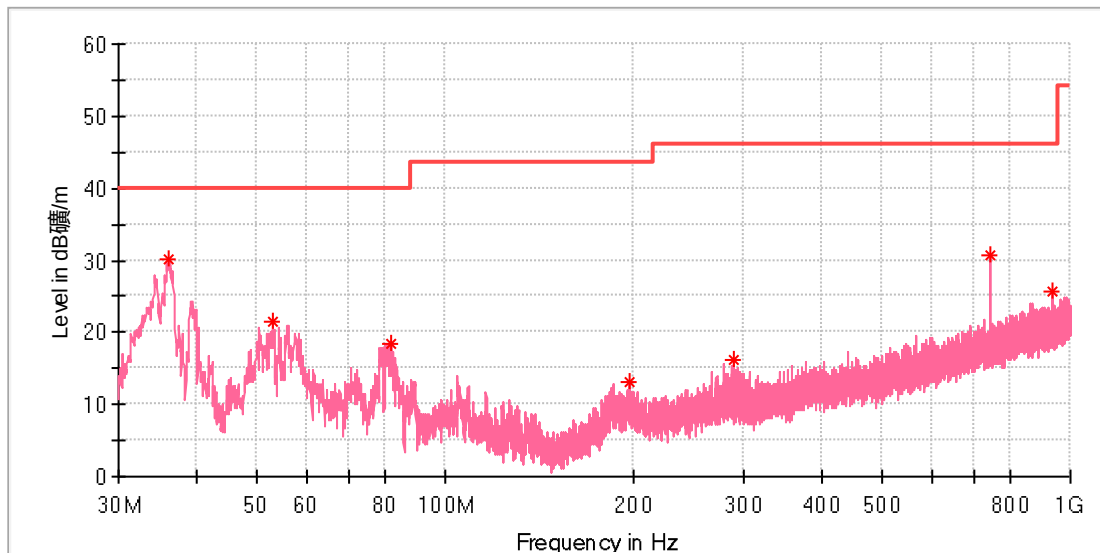
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
36.193077	20.31	40.00	19.69	100.0	H	0.0	-21.5
116.292692	15.25	43.50	28.25	100.0	H	54.0	-20.1
179.380000	22.53	43.50	20.97	100.0	H	62.0	-20.6
287.273846	20.03	46.00	25.97	100.0	H	152.0	-16.6
742.502308	28.60	46.00	17.40	100.0	H	14.0	-7.2
937.509615	27.17	46.00	18.83	100.0	H	283.0	-4.4

Final Result

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

EUT Information

EUT Name:	Typhur Sync One Pro Wireless Thermometer
Model:	WT13
Test Mode:	BLE 1M_Mid channel
Order No/Sample No:	168556481/A004001131-003
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
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Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
36.193077	30.01	40.00	9.99	100.0	V	143.0	-21.5
52.869615	21.55	40.00	18.45	100.0	V	210.0	-18.5
81.745769	18.55	40.00	21.45	100.0	V	127.0	-23.2
197.213077	13.15	43.50	30.35	100.0	V	43.0	-19.2
289.101923	16.10	46.00	29.90	100.0	V	71.0	-16.5
742.502308	30.67	46.00	15.33	100.0	V	0.0	-7.2
936.950000	25.73	46.00	20.27	100.0	V	261.0	-4.4

Final Result

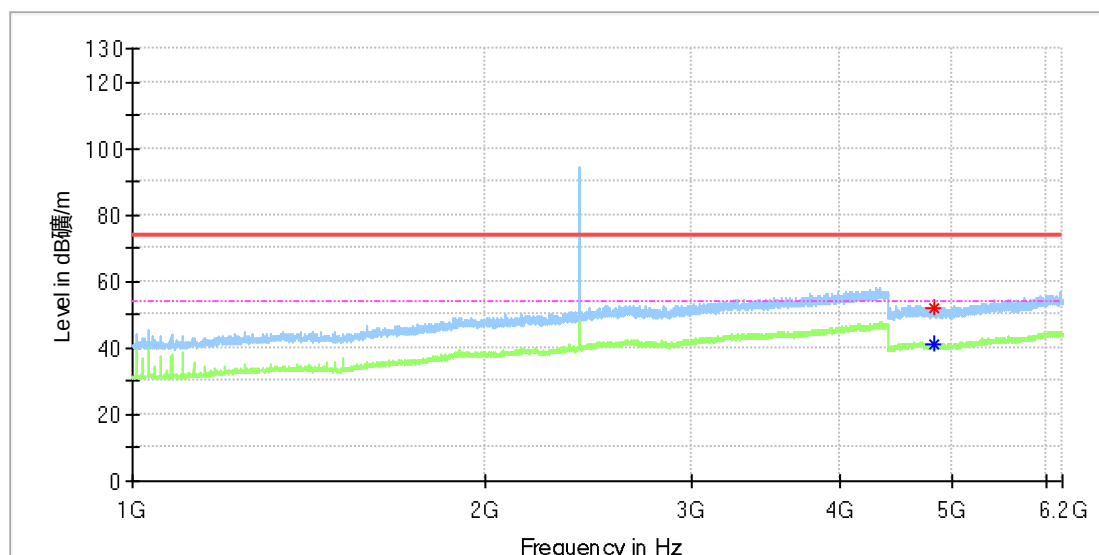
Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

1GHz - 18GHz

Note: The highest waveform in the figure is Bluetooth Fundamental.

EUT Information

EUT Name:	Typhur Sync One Pro Wireless Thermometer
Model:	WT13
Test Mode:	BLE 1M_Low channel
Order No/Sample No:	168556481/A004001131-003
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
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Critical Freqs

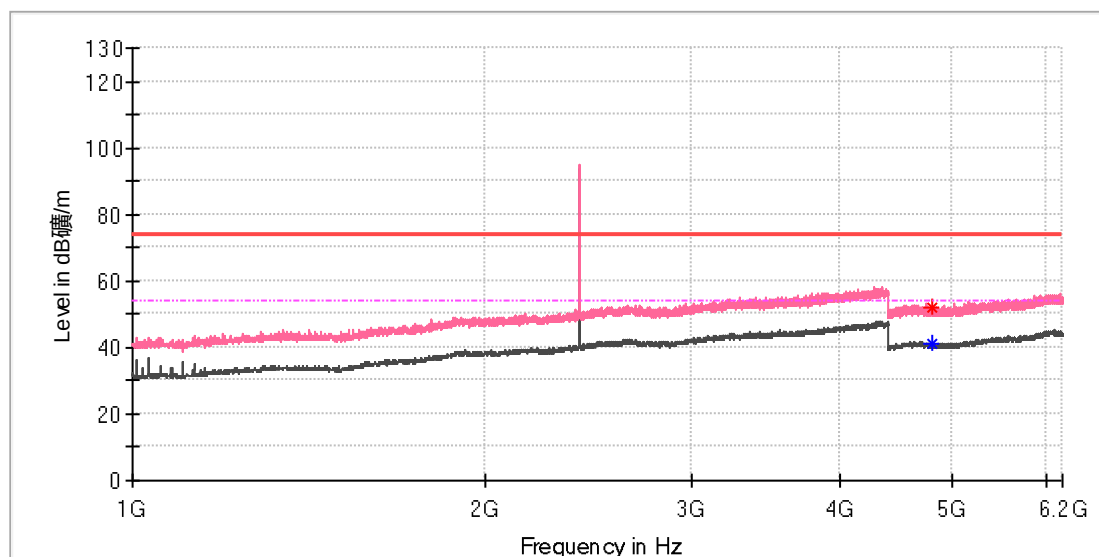
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4821.000000	---	41.06	54.00	12.94	150.0	H	135.0	13.3
4822.000000	52.29	---	74.00	21.71	150.0	H	116.0	13.3

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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Order No/Sample No:	168556481/A004001131-003
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Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
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Critical_Freqs

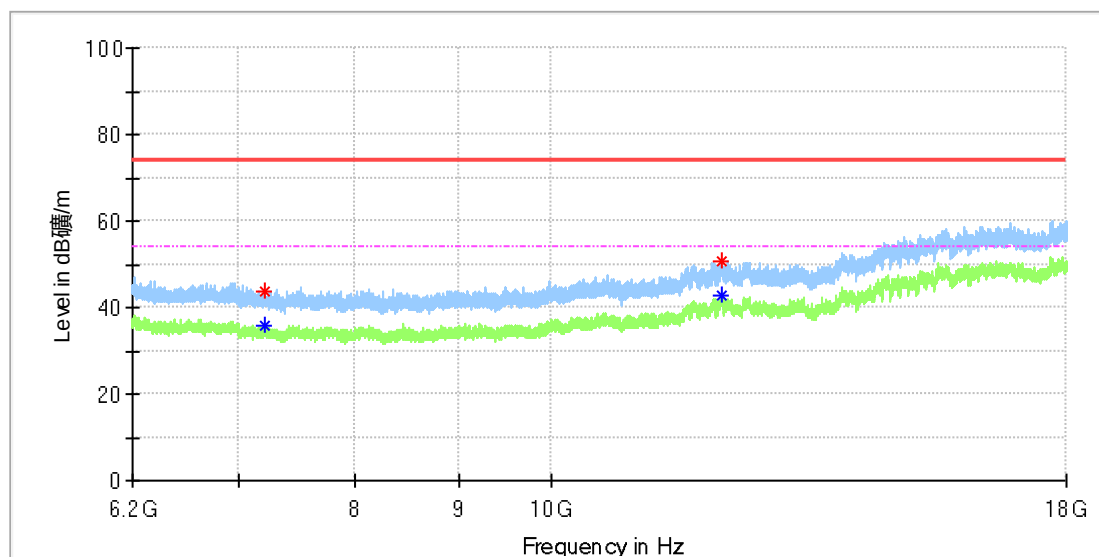
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4809.000000	---	41.20	54.00	12.80	150.0	V	132.0	13.3
4809.500000	52.12	---	74.00	21.88	150.0	V	189.0	13.3

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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Order No/Sample No:	168556481/A004001131-003
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Critical_Freqs

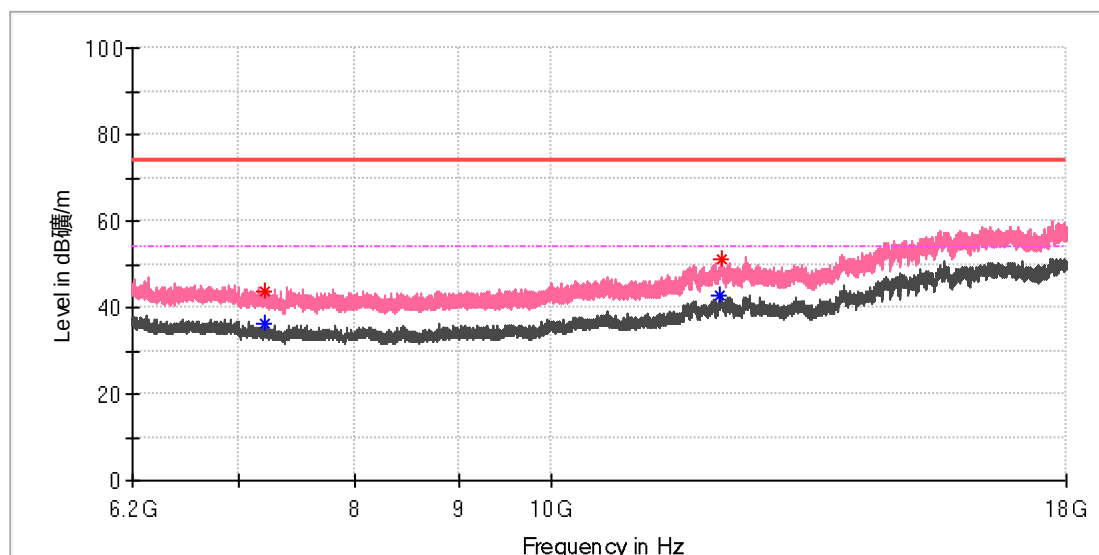
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7210.375000	43.51	---	74.00	30.49	150.0	H	96.0	8.7
7216.275000	---	35.70	54.00	18.30	150.0	H	6.0	8.7
12132.450000	---	43.01	54.00	10.99	150.0	H	61.0	16.3
12143.266667	50.63	---	74.00	23.37	150.0	H	292.0	16.6

Final Result

[illegible]

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Critical_Freqs

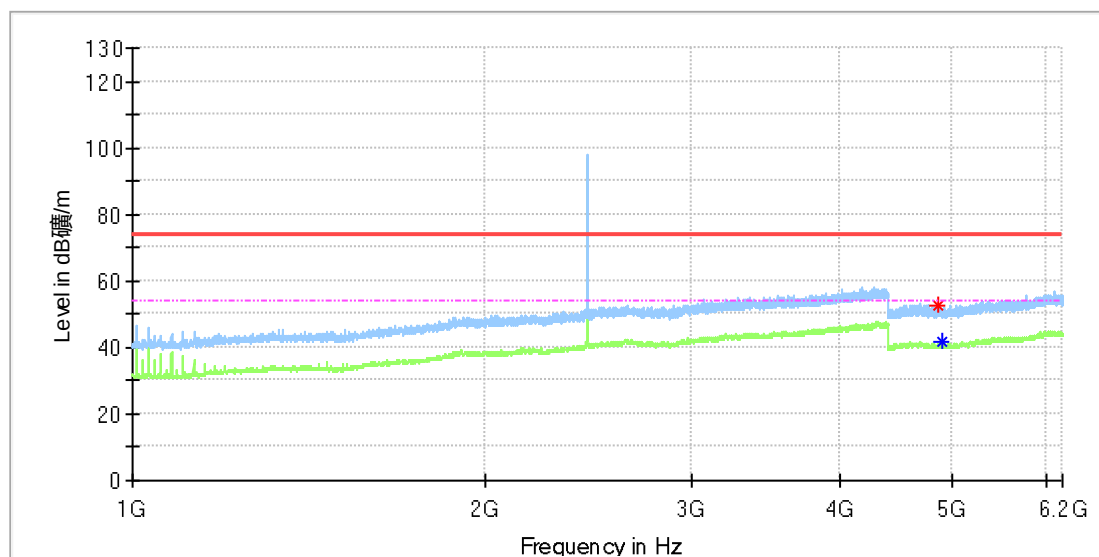
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7211.358333	43.70	---	74.00	30.30	150.0	V	324.0	8.7
7217.750000	---	36.20	54.00	17.80	150.0	V	346.0	8.7
12120.650000	---	42.66	54.00	11.34	150.0	V	313.0	16.0
12151.133333	51.30	---	74.00	22.70	150.0	V	8.0	16.7

Final Result

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

EUT Information

EUT Name:	Typhur Sync One Pro Wireless Thermometer
Model:	WT13
Test Mode:	BLE 1M_Mid channel
Order No/Sample No:	168556481/A004001131-003
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

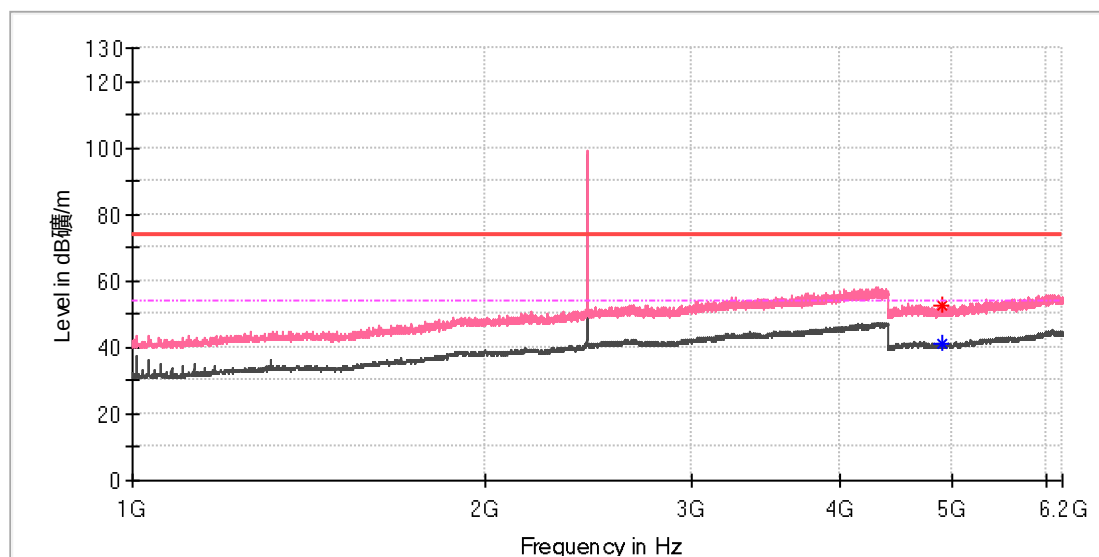
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4851.500000	52.69	---	74.00	21.31	150.0	H	225.0	13.3
4903.500000	---	41.56	54.00	12.44	150.0	H	237.0	13.3

Final Result

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

EUT Information

EUT Name:	Typhur Sync One Pro Wireless Thermometer
Model:	WT13
Test Mode:	BLE 1M_Mid channel
Order No/Sample No:	168556481/A004001131-003
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
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Critical_Freqs

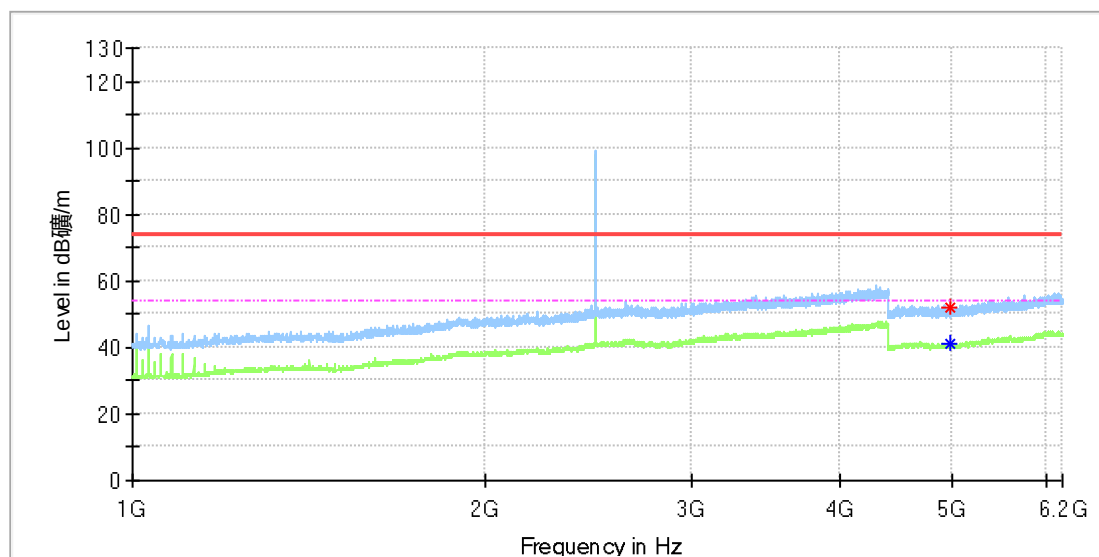
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4897.500000	---	40.95	54.00	13.05	150.0	V	198.0	13.3
4903.500000	52.80	---	74.00	21.20	150.0	V	333.0	13.3

Final Result

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

EUT Information

EUT Name:	Typhur Sync One Pro Wireless Thermometer
Model:	WT13
Test Mode:	BLE 1M_High channel
Order No/Sample No:	168556481/A004001131-003
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

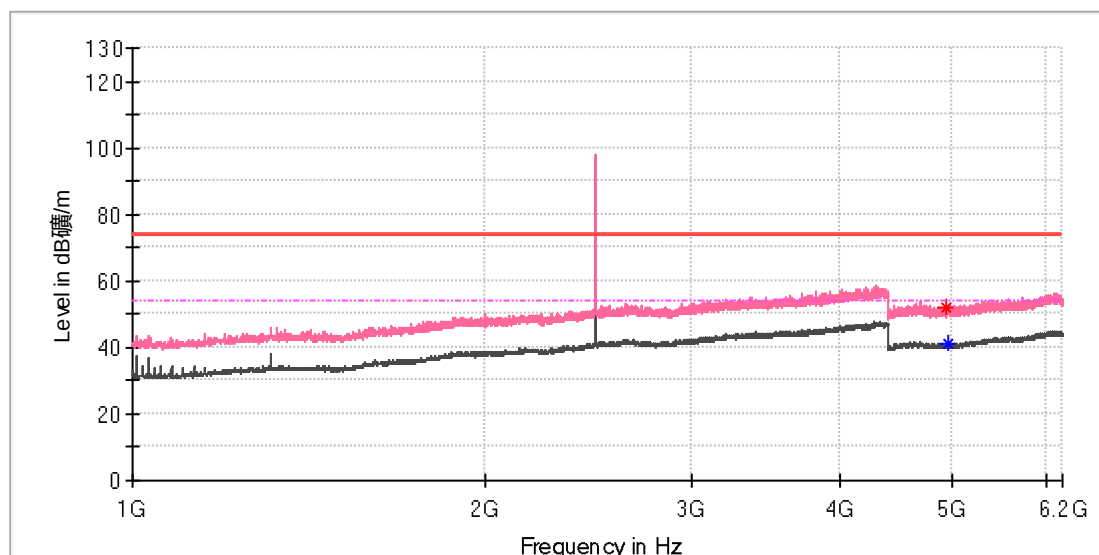
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4966.500000	52.20	---	74.00	21.80	150.0	H	37.0	13.3
4973.000000	---	41.06	54.00	12.94	150.0	H	161.0	13.3

Final Result

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

EUT Information

EUT Name:	Typhur Sync One Pro Wireless Thermometer
Model:	WT13
Test Mode:	BLE 1M_High channel
Order No/Sample No:	168556481/A004001131-003
Test Voltage:	Battery
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)
4940.000000	52.22	---	74.00	21.78	150.0	V	118.0	13.3
4963.500000	---	41.13	54.00	12.87	150.0	V	76.0	13.3

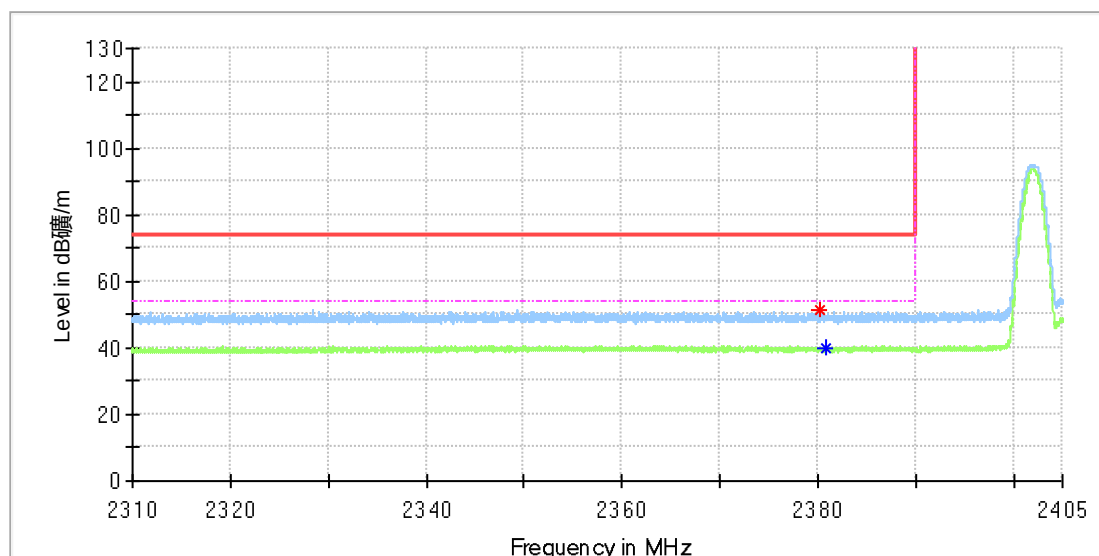
Final Result

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

Appendix A.2: Test Results of Radiated Emissions in Restricted Bands, Bluetooth LE

EUT Information

EUT Name:	Typhur Sync One Pro Wireless Thermometer
Model:	WT13
Test Mode:	BLE 1M_Low channel
Order No/Sample No:	168556481/A004001131-003
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

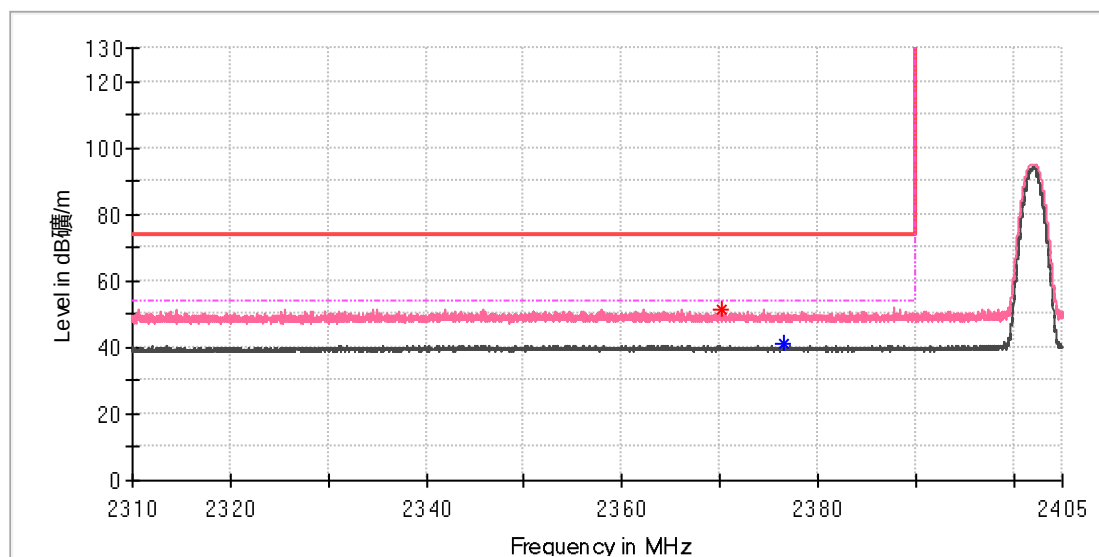
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2380.146324	51.60	---	74.00	22.40	150.0	H	266.0	8.5
2380.802941	---	40.15	54.00	13.85	150.0	H	79.0	8.5

Final Result

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

EUT Information

EUT Name:	Typhur Sync One Pro Wireless Thermometer
Model:	WT13
Test Mode:	BLE 1M_Low channel
Order No/Sample No:	168556481/A004001131-003
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
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Critical_Freqs

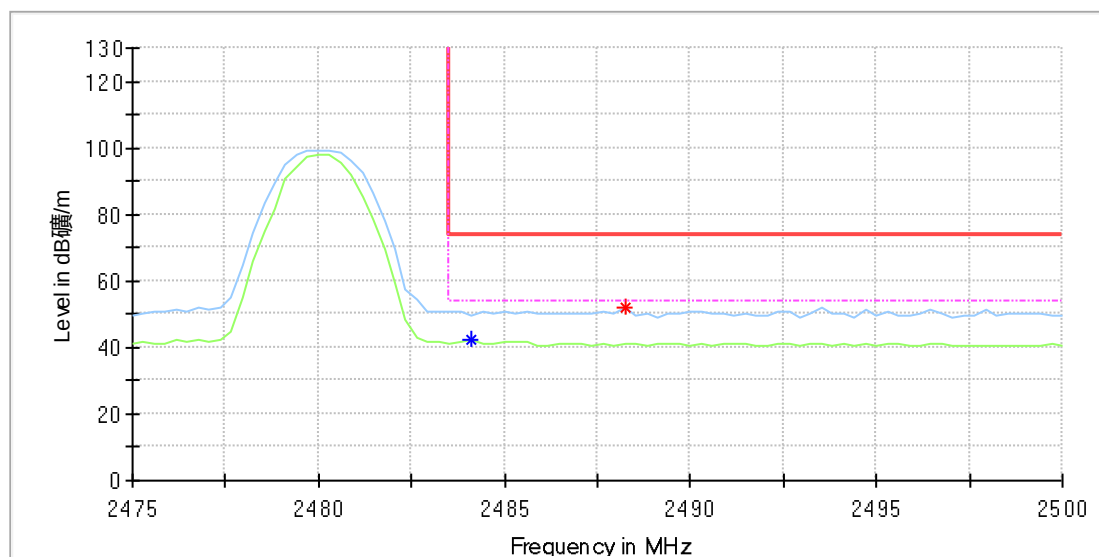
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2370.213235	51.63	---	74.00	22.37	150.0	V	139.0	8.5
2376.527941	---	41.06	54.00	12.94	150.0	V	261.0	8.5

Final Result

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

EUT Information

EUT Name:	Typhur Sync One Pro Wireless Thermometer
Model:	WT13
Test Mode:	BLE 1M_High channel
Order No/Sample No:	168556481/A004001131-003
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

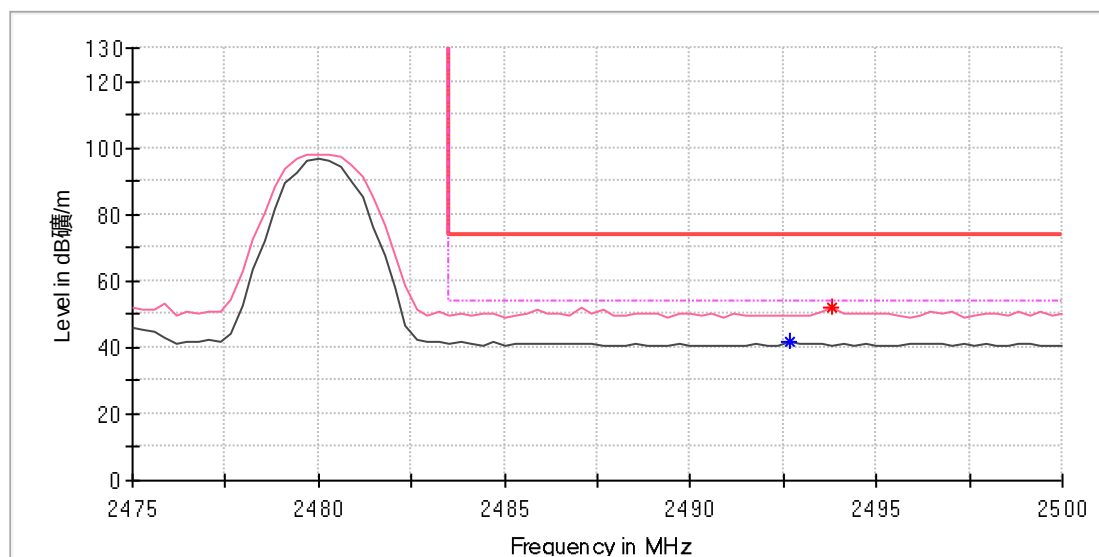
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2484.117647	---	42.16	54.00	11.84	150.0	H	137.0	9.0
2488.235294	52.19	---	74.00	21.81	150.0	H	268.0	9.0

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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EUT Name:	Typhur Sync One Pro Wireless Thermometer
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Critical_Freqs

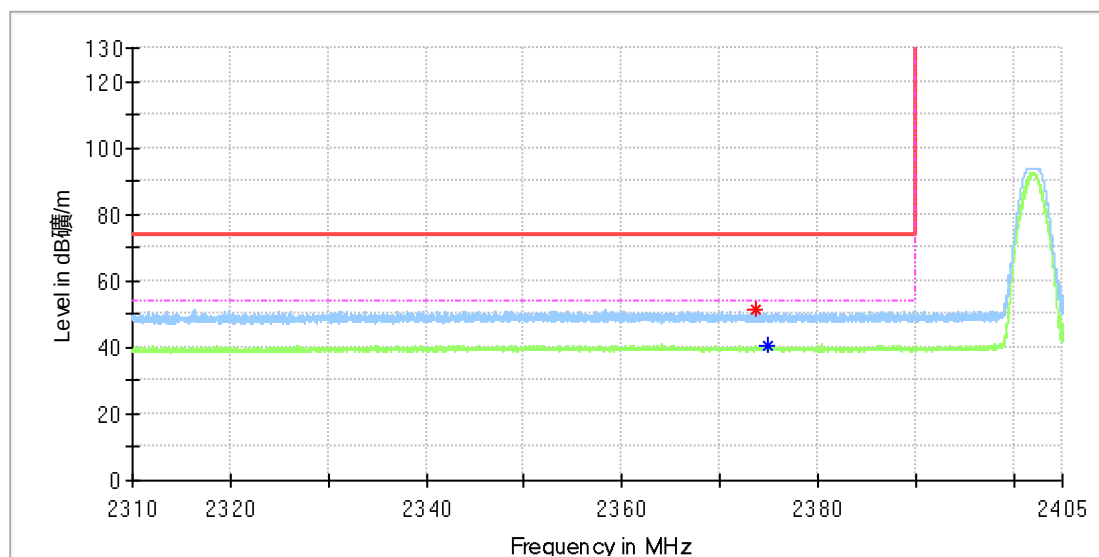
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2492.647059	---	41.60	54.00	12.40	150.0	V	341.0	9.0
2493.823529	52.24	---	74.00	21.76	150.0	V	210.0	9.0

Final Result

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

EUT Information

EUT Name:	Typhur Sync One Pro Wireless Thermometer
Model:	WT13
Test Mode:	BLE 2M_Low channel
Order No/Sample No:	168556481/A004001131-003
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
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Critical_Freqs

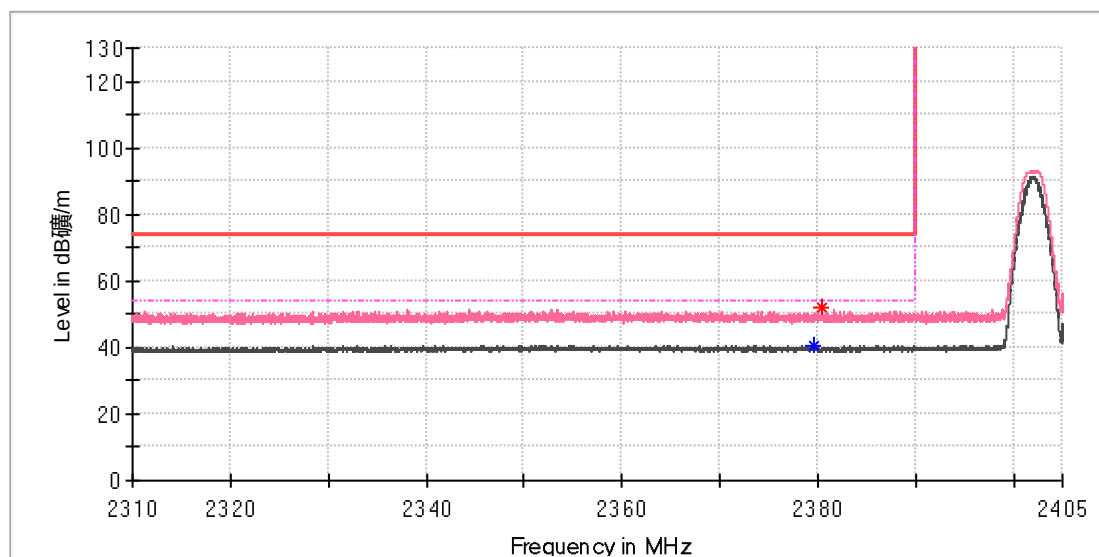
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2373.761765	51.50	---	74.00	22.51	150.0	H	254.0	8.5
2374.949265	---	40.33	54.00	13.67	150.0	H	60.0	8.5

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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Critical_Freqs

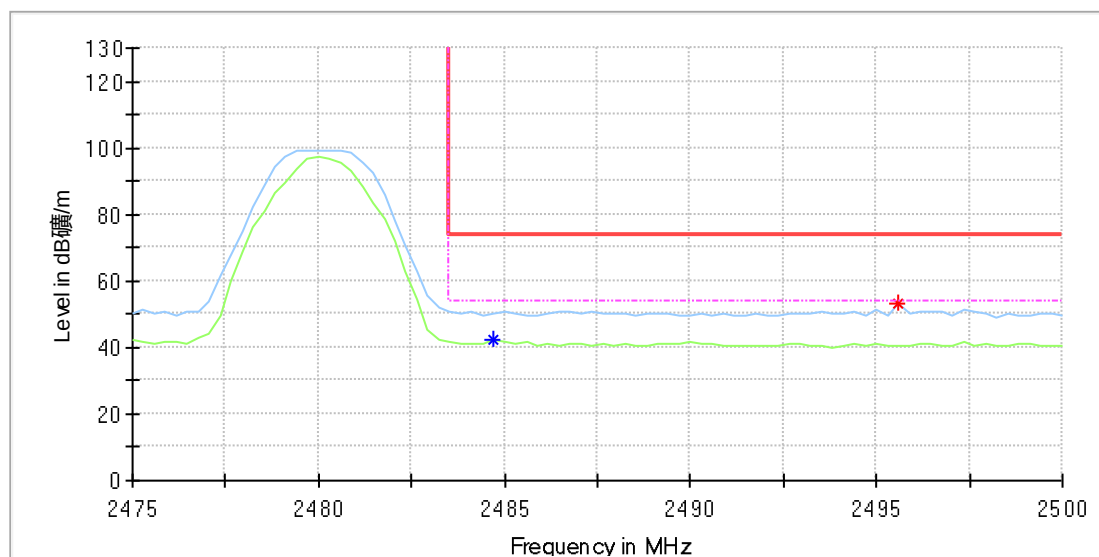
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2379.615441	---	40.44	54.00	13.56	150.0	V	35.0	8.5
2380.369853	52.17	---	74.00	21.83	150.0	V	3.0	8.5

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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Critical_Freqs

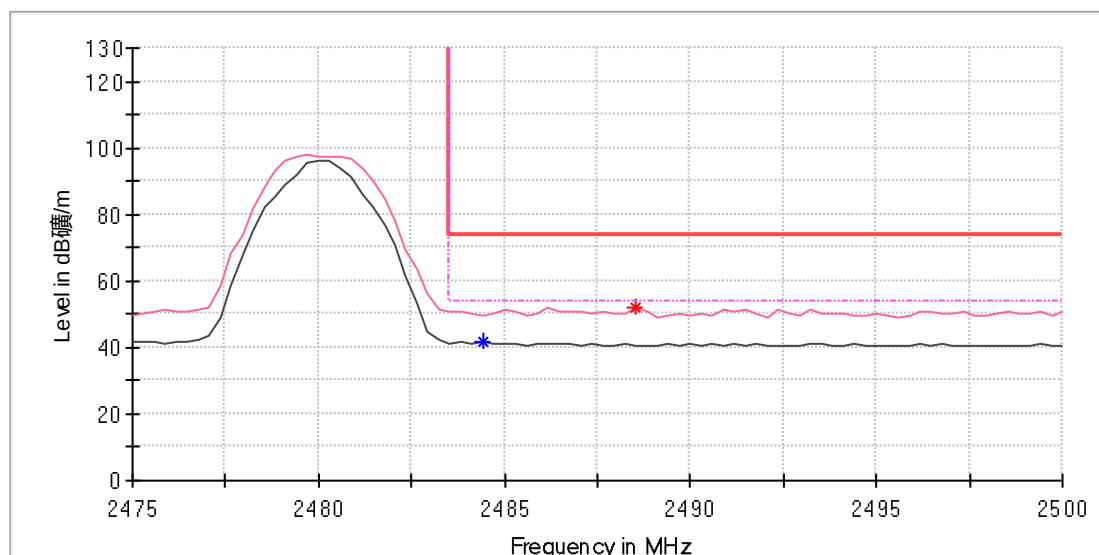
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2484.705882	---	42.17	54.00	11.83	150.0	H	240.0	9.0
2495.588235	52.95	---	74.00	21.05	150.0	H	11.0	9.0

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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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)
2484.411765	---	41.79	54.00	12.21	150.0	V	0.0	9.0
2488.529412	52.23	---	74.00	21.77	150.0	V	133.0	9.0

Final Result

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

Appendix A.3: Test Results of Radiated Spurious Emissions, 2.4GHz Wi-Fi

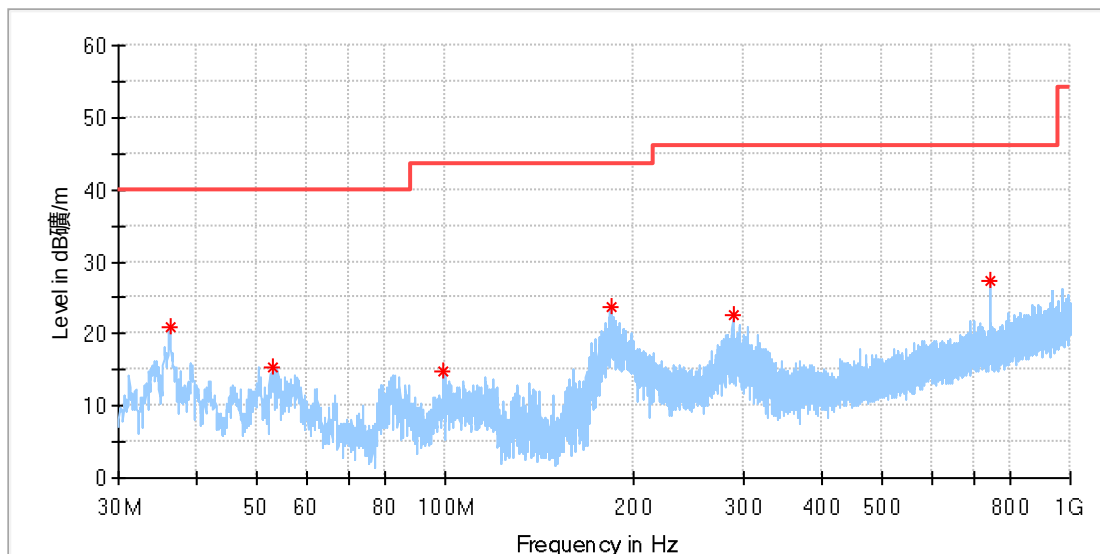
Note:

- 1) This testing was carried out on different modulations, but only the worst case was presented in this report.
- 2) 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.

30 MHz - 1GHz

EUT Information

EUT Name:	Typhur Sync One Pro Wireless Thermometer
Model:	WT13
Test Mode:	WIFI 2.4G_11b_Ch6
Order No/Sample No:	168556481/A004001131-003
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

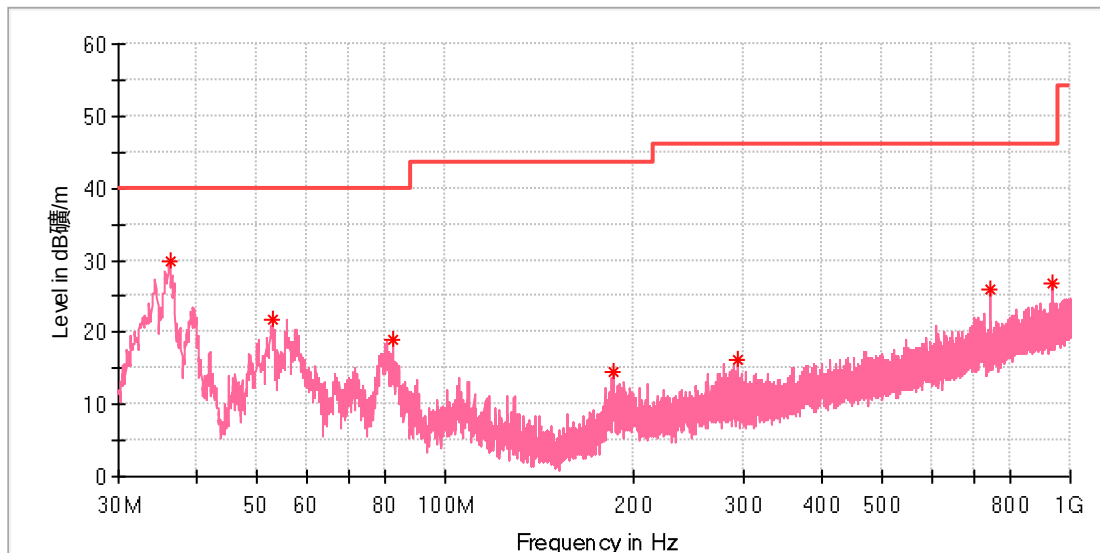
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
36.267692	20.88	40.00	19.12	100.0	H	6.0	-21.5
52.981539	15.46	40.00	24.54	100.0	H	244.0	-18.5
99.355000	14.86	43.50	28.64	100.0	H	0.0	-19.2
184.528462	23.75	43.50	19.75	100.0	H	75.0	-20.1
288.318462	22.58	46.00	23.42	100.0	H	142.0	-16.6
742.502308	27.32	46.00	18.68	100.0	H	322.0	-7.2

Final Result

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

EUT Information

EUT Name:	Typhur Sync One Pro Wireless Thermometer
Model:	WT13
Test Mode:	WIFI 2.4G_11b_Ch6
Order No/Sample No:	168556481/A004001131-003
Test Voltage:	Battery
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)
36.267692	29.98	40.00	10.02	100.0	V	135.0	-21.5
52.981539	21.90	40.00	18.10	100.0	V	197.0	-18.5
82.342692	18.89	40.00	21.11	100.0	V	135.0	-23.1
186.095385	14.50	43.50	29.00	100.0	V	109.0	-20.0
293.541539	16.28	46.00	29.72	100.0	V	73.0	-16.4
742.502308	26.09	46.00	19.91	100.0	V	314.0	-7.2
937.509615	26.82	46.00	19.18	100.0	V	91.0	-4.4

Final Result

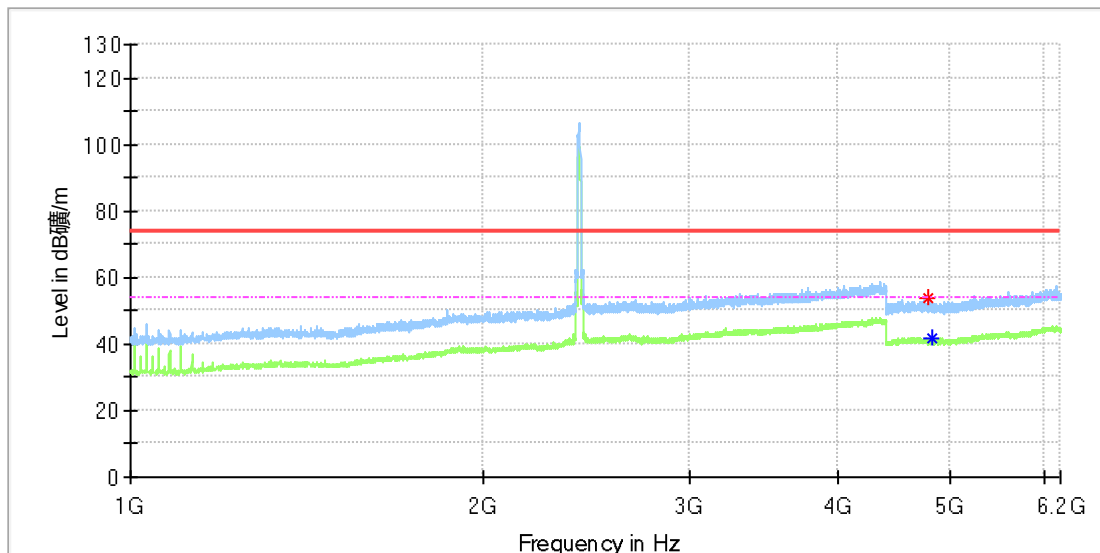
Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

1GHz - 18GHz

Note: The highest waveform in the figure is 2.4GHz Wi-Fi Fundamental.

EUT Information

EUT Name:	Typhur Sync One Pro Wireless Thermometer
Model:	WT13
Test Mode:	WIFI 2.4G_11b_Ch1
Order No/Sample No:	168556481/A004001131-003
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

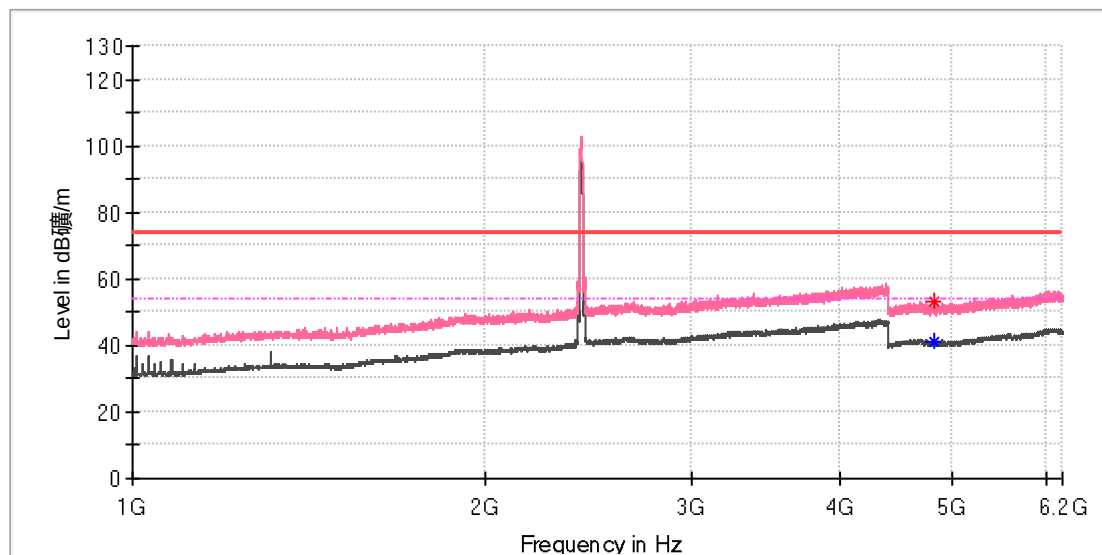
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4774.000000	53.76	---	74.00	20.24	150.0	H	107.0	13.3
4820.500000	---	41.61	54.00	12.39	150.0	H	328.0	13.3

Final Result

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

EUT Information

EUT Name:	Typhur Sync One Pro Wireless Thermometer
Model:	WT13
Test Mode:	WIFI 2.4G_11b_Ch1
Order No/Sample No:	168556481/A004001131-003
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

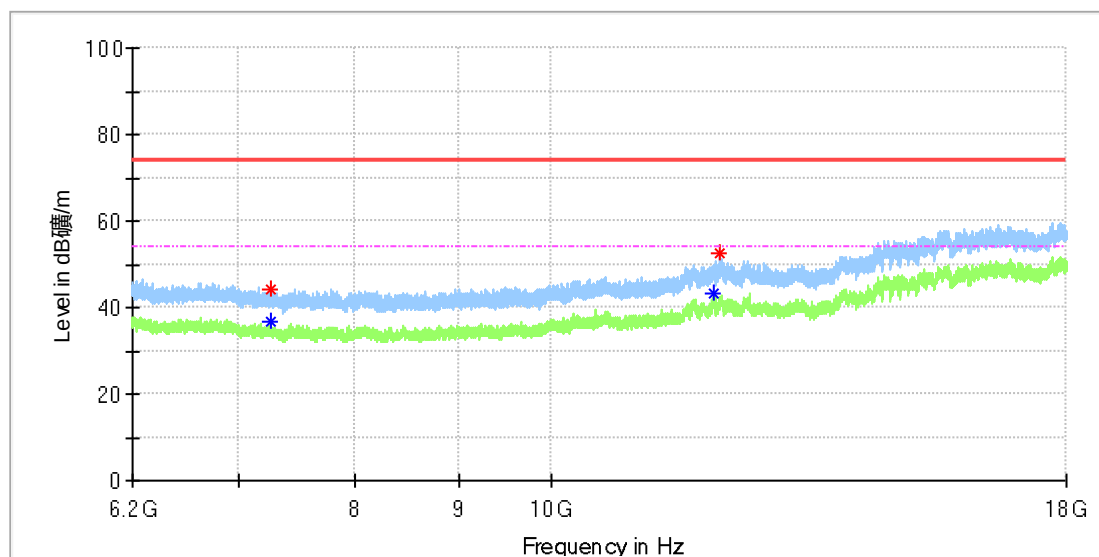
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4821.000000	53.12	---	74.00	20.88	150.0	V	10.0	13.3
4824.000000	---	41.34	54.00	12.66	150.0	V	51.0	13.3

Final Result

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

EUT Information

EUT Name:	Typhur Sync One Pro Wireless Thermometer
Model:	WT13
Test Mode:	WIFI 2.4G_11b_Ch1
Order No/Sample No:	168556481/A004001131-003
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

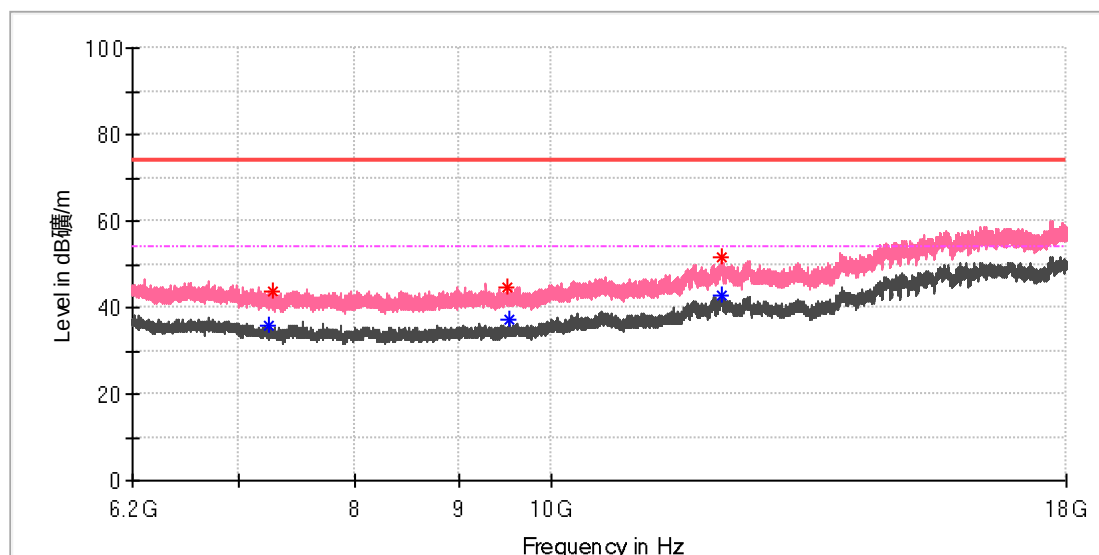
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7258.558333	---	36.56	54.00	17.44	150.0	H	198.0	8.5
7265.441667	44.10	---	74.00	29.90	150.0	H	71.0	8.5
12042.966667	---	43.12	54.00	10.88	150.0	H	174.0	16.2
12119.666667	52.34	---	74.00	21.66	150.0	H	247.0	15.9

Final Result

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

EUT Information

EUT Name:	Typhur Sync One Pro Wireless Thermometer
Model:	WT13
Test Mode:	WIFI 2.4G_11b_Ch1
Order No/Sample No:	168556481/A004001131-003
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

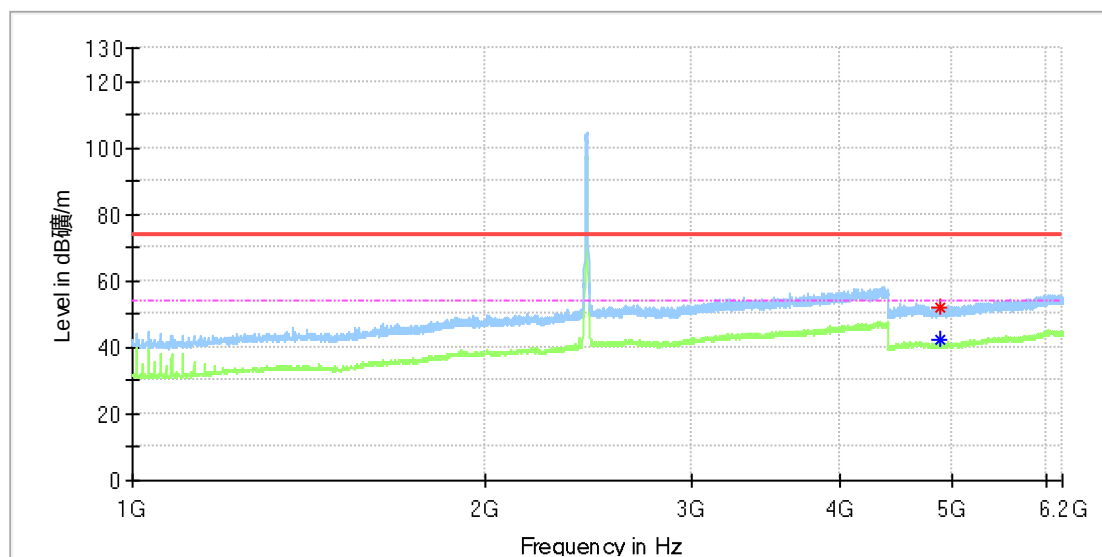
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7245.283333	---	35.78	54.00	18.22	150.0	V	94.0	8.6
7284.616667	43.93	---	74.00	30.07	150.0	V	198.0	8.4
9508.425000	44.62	---	74.00	29.38	150.0	V	0.0	10.0
9527.108333	---	37.43	54.00	16.57	150.0	V	284.0	10.1
12147.200000	51.42	---	74.00	22.58	150.0	V	274.0	16.7
12157.525000	---	42.87	54.00	11.13	150.0	V	198.0	16.3

Final Result

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

EUT Information

EUT Name:	Typhur Sync One Pro Wireless Thermometer
Model:	WT13
Test Mode:	WIFI 2.4G_11b_Ch6
Order No/Sample No:	168556481/A004001131-003
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

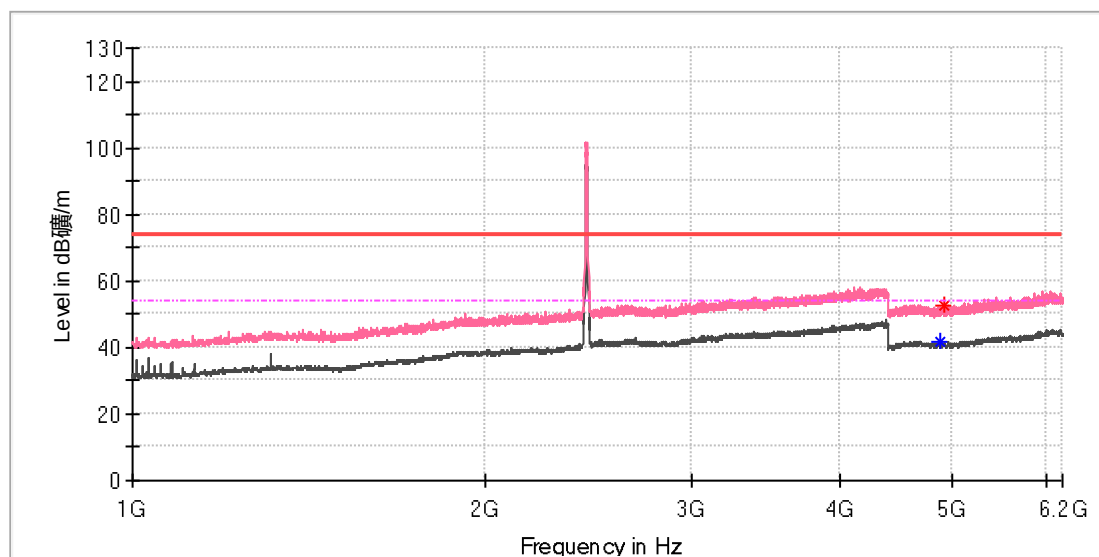
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4872.000000	51.81	---	74.00	22.19	150.0	H	314.0	13.3
4874.000000	---	42.17	54.00	11.83	150.0	H	345.0	13.3

Final Result

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

EUT Information

EUT Name:	Typhur Sync One Pro Wireless Thermometer
Model:	WT13
Test Mode:	WIFI 2.4G_11b_Ch6
Order No/Sample No:	168556481/A004001131-003
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

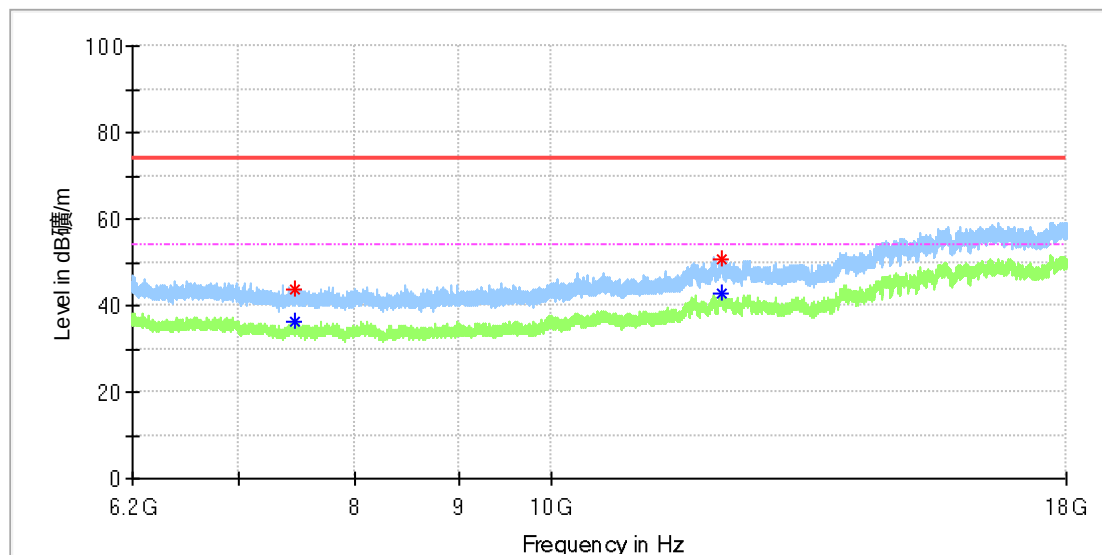
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4882.500000	---	41.81	54.00	12.19	150.0	V	296.0	13.3
4916.500000	52.51	---	74.00	21.49	150.0	V	165.0	13.3

Final Result

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

EUT Information

EUT Name:	Typhur Sync One Pro Wireless Thermometer
Model:	WT13
Test Mode:	WIFI 2.4G_11b_Ch6
Order No/Sample No:	168556481/A004001131-003
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

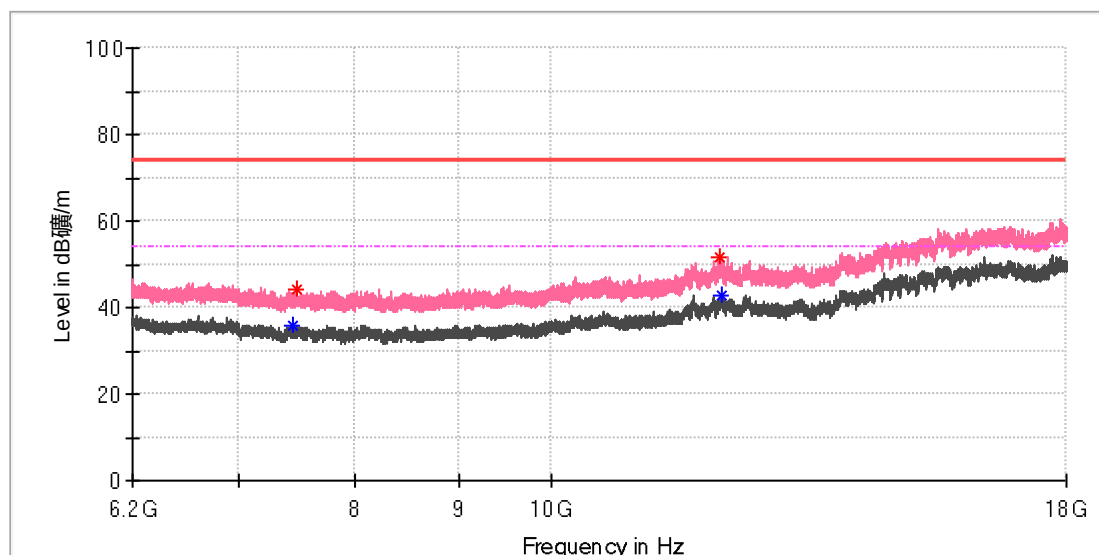
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7454.241667	43.76	---	74.00	30.24	150.0	H	42.0	8.5
7454.241667	---	36.46	54.00	17.54	150.0	H	42.0	8.5
12150.641667	50.55	---	74.00	23.45	150.0	H	175.0	16.7
12152.116667	---	42.73	54.00	11.27	150.0	H	0.0	16.6

Final Result

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

EUT Information

EUT Name:	Typhur Sync One Pro Wireless Thermometer
Model:	WT13
Test Mode:	WIFI 2.4G_11b_Ch6
Order No/Sample No:	168556481/A004001131-003
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

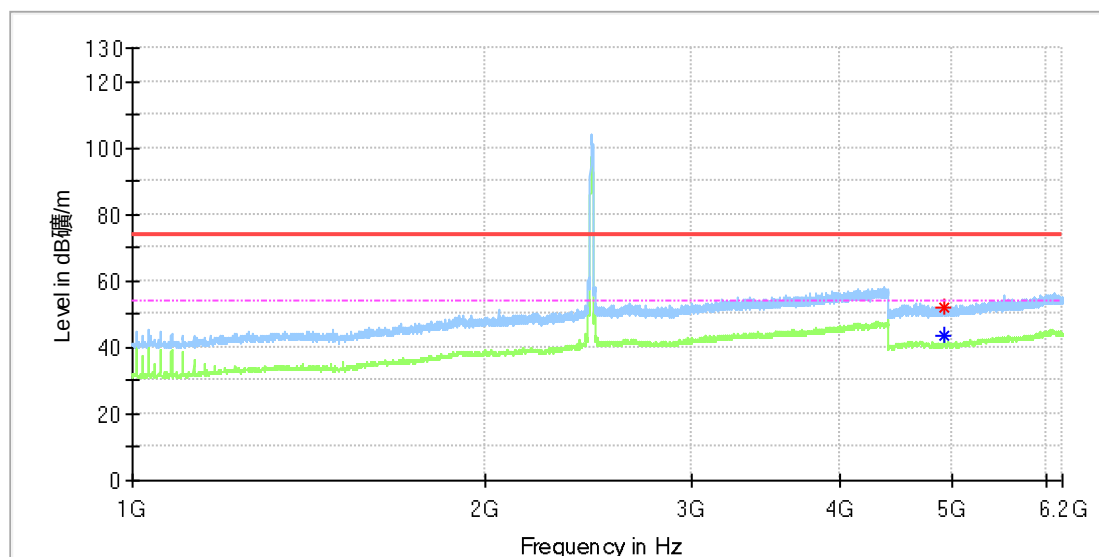
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7439.491667	---	35.92	54.00	18.08	150.0	V	265.0	8.4
7470.958333	43.98	---	74.00	30.02	150.0	V	182.0	8.6
12128.516667	51.54	---	74.00	22.46	150.0	V	288.0	16.2
12140.316667	---	42.76	54.00	11.24	150.0	V	299.0	16.5

Final Result

[illegible]

EUT Information

EUT Name:	Typhur Sync One Pro Wireless Thermometer
Model:	WT13
Test Mode:	WIFI 2.4G_11b_Ch11
Order No/Sample No:	168556481/A004001131-003
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

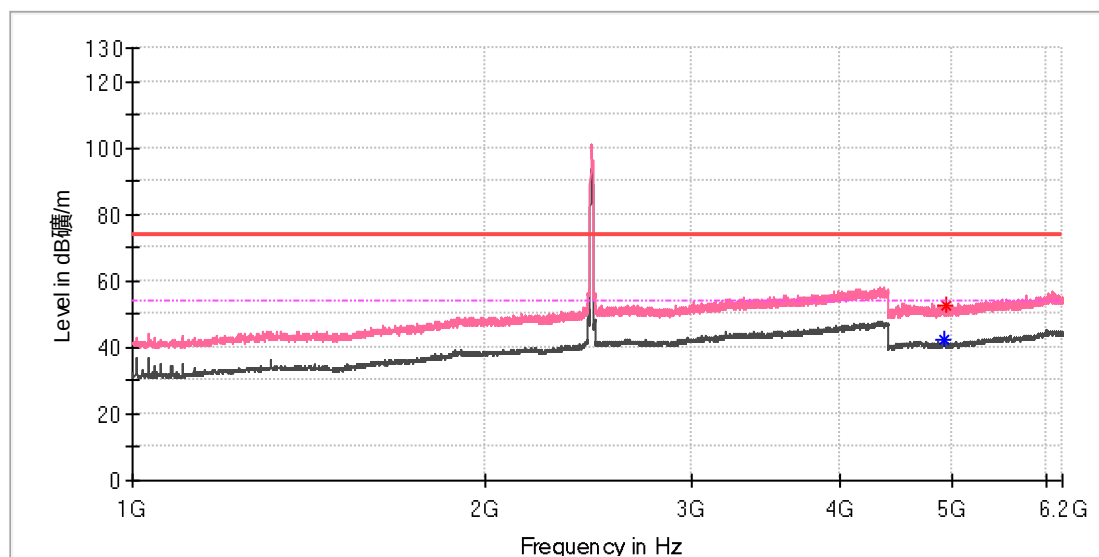
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4911.500000	52.15	---	74.00	21.85	150.0	H	55.0	13.3
4924.000000	---	43.38	54.00	10.62	150.0	H	163.0	13.3

Final Result

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

EUT Information

EUT Name:	Typhur Sync One Pro Wireless Thermometer
Model:	WT13
Test Mode:	WIFI 2.4G_11b_Ch11
Order No/Sample No:	168556481/A004001131-003
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

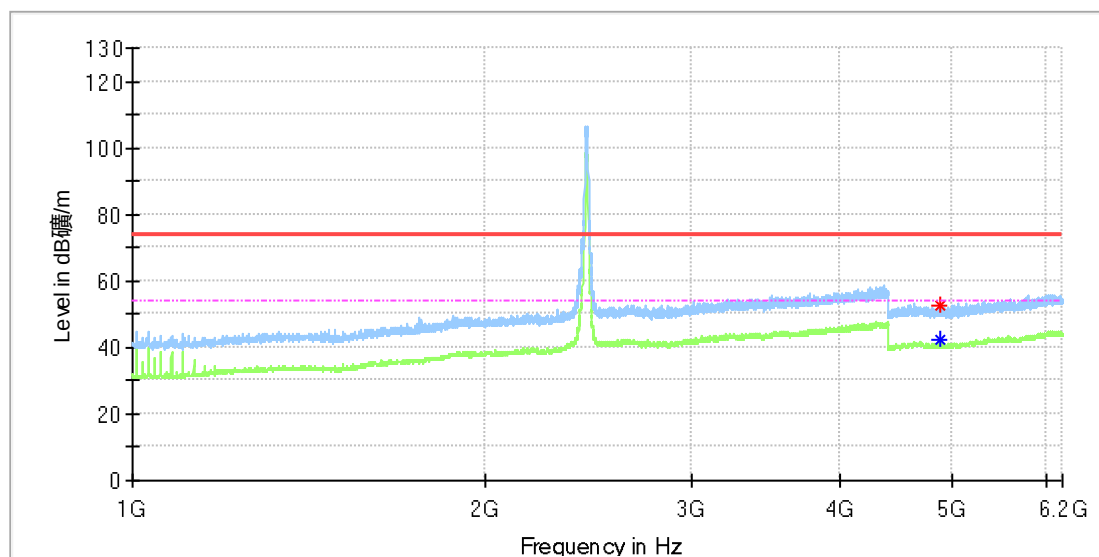
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4923.500000	---	42.11	54.00	11.89	150.0	V	286.0	13.3
4929.000000	52.45	---	74.00	21.55	150.0	V	20.0	13.3

Final Result

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

EUT Information

EUT Name:	Typhur Sync One Pro Wireless Thermometer
Model:	WT13
Test Mode:	WIFI 2.4G_11g_Ch6
Order No/Sample No:	168556481/A004001131-003
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

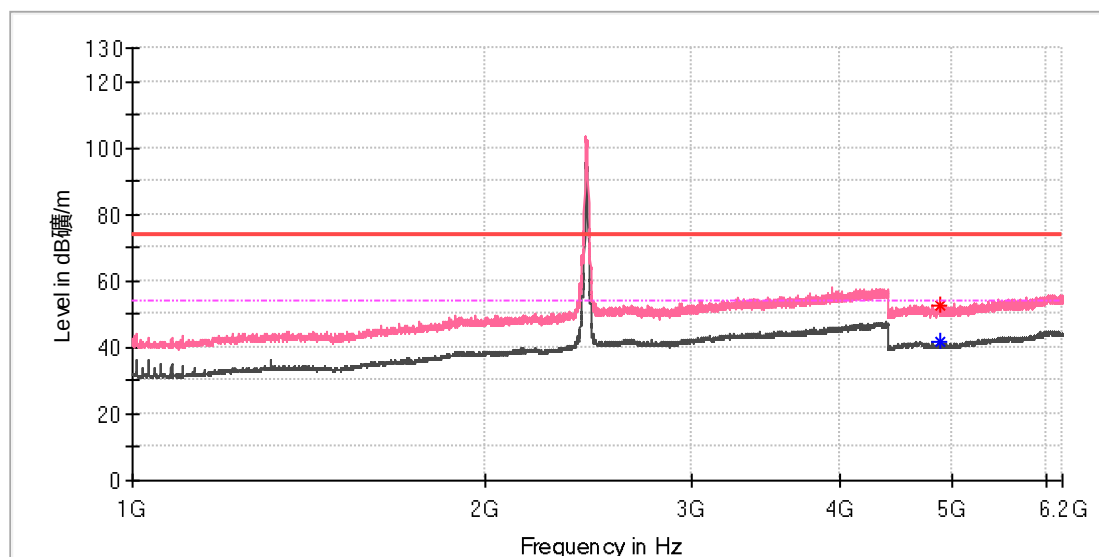
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4876.500000	52.55	---	74.00	21.45	150.0	H	344.0	13.3
4878.000000	---	42.28	54.00	11.72	150.0	H	344.0	13.3

Final Result

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

EUT Information

EUT Name:	Typhur Sync One Pro Wireless Thermometer
Model:	WT13
Test Mode:	WIFI 2.4G_11g_Ch6
Order No/Sample No:	168556481/A004001131-003
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

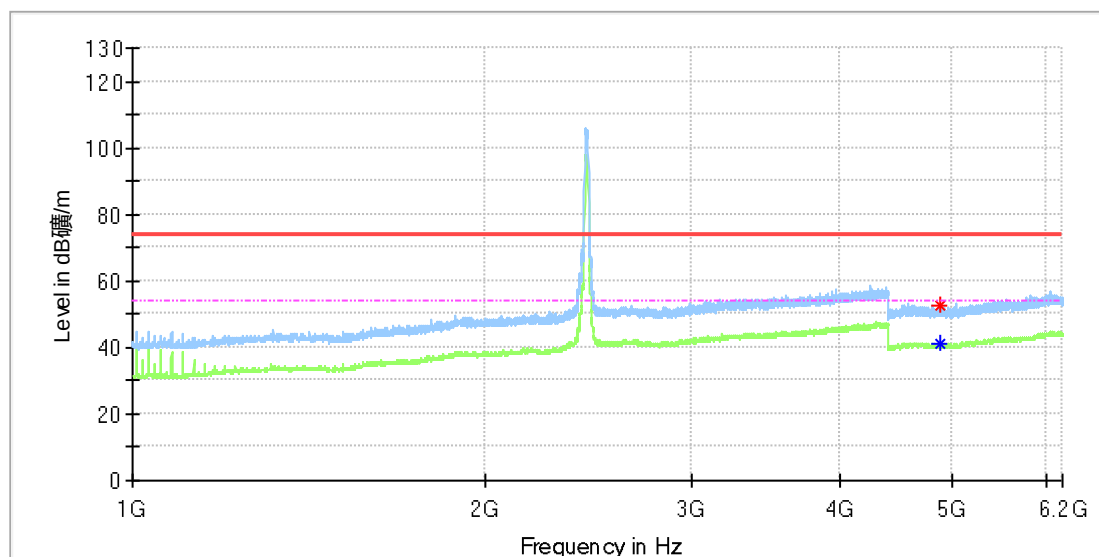
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4870.500000	52.38	---	74.00	21.62	150.0	V	284.0	13.3
4872.500000	---	41.89	54.00	12.11	150.0	V	284.0	13.3

Final Result

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

EUT Information

EUT Name:	Typhur Sync One Pro Wireless Thermometer
Model:	WT13
Test Mode:	WIFI 2.4G_11n20_Ch6
Order No/Sample No:	168556481/A004001131-003
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

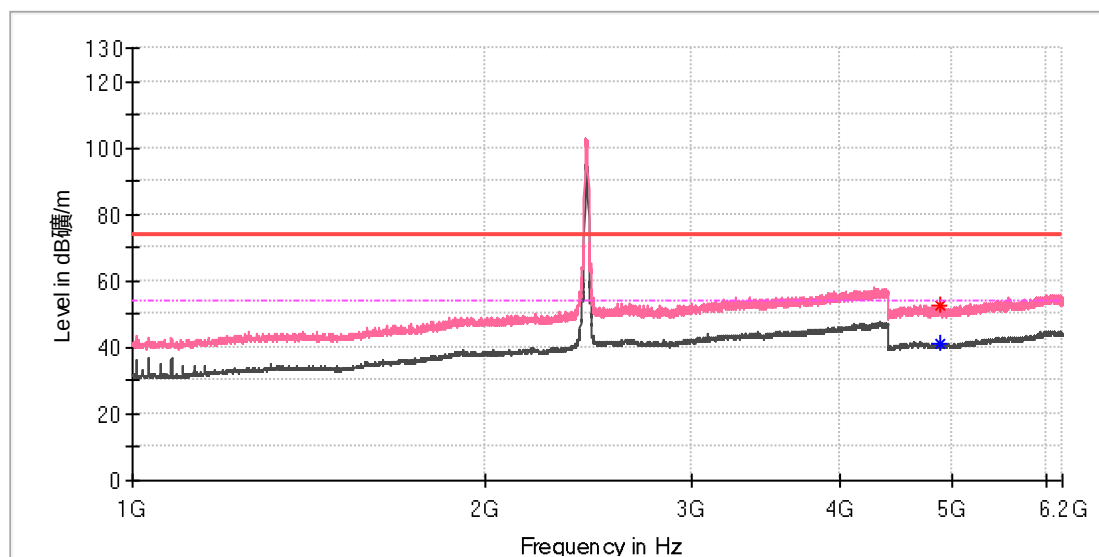
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4869.000000	52.55	---	74.00	21.45	150.0	H	335.0	13.3
4876.500000	---	41.38	54.00	12.62	150.0	H	335.0	13.3

Final Result

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

EUT Information

EUT Name:	Typhur Sync One Pro Wireless Thermometer
Model:	WT13
Test Mode:	WIFI 2.4G_11n20_Ch6
Order No/Sample No:	168556481/A004001131-003
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

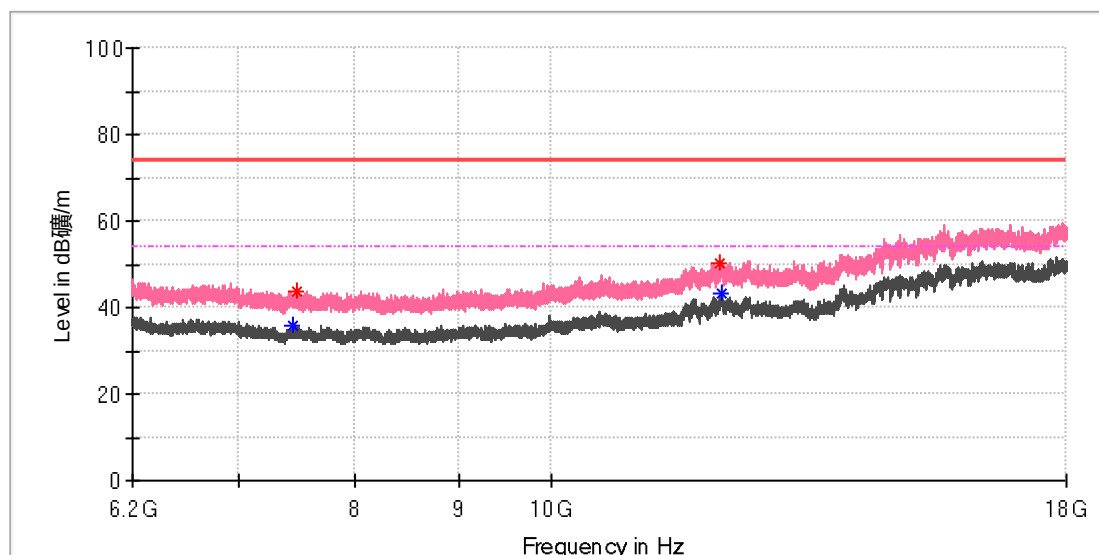
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4872.000000	52.49	---	74.00	21.51	150.0	V	283.0	13.3
4879.000000	---	41.13	54.00	12.87	150.0	V	287.0	13.3

Final Result

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

EUT Information

EUT Name:	Typhur Sync One Pro Wireless Thermometer
Model:	WT13
Test Mode:	WIFI 2.4G_11n20_Ch6
Order No/Sample No:	168556481/A004001131-003
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

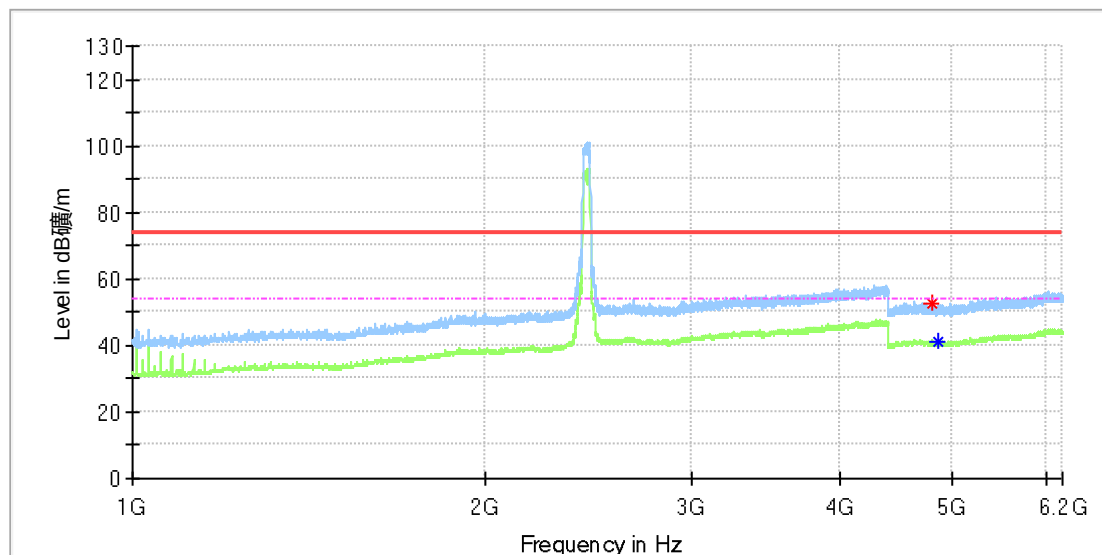
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7447.850000	---	35.82	54.00	18.18	150.0	V	210.0	8.5
7477.841667	43.60	---	74.00	30.40	150.0	V	352.0	8.6
12115.241667	50.29	---	74.00	23.71	150.0	V	0.0	15.8
12159.491667	---	43.30	54.00	10.70	150.0	V	162.0	16.2

Final Result

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

EUT Information

EUT Name:	Typhur Sync One Pro Wireless Thermometer
Model:	WT13
Test Mode:	WIFI 2.4G_11n40_Ch6
Order No/Sample No:	168556481/A004001131-003
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

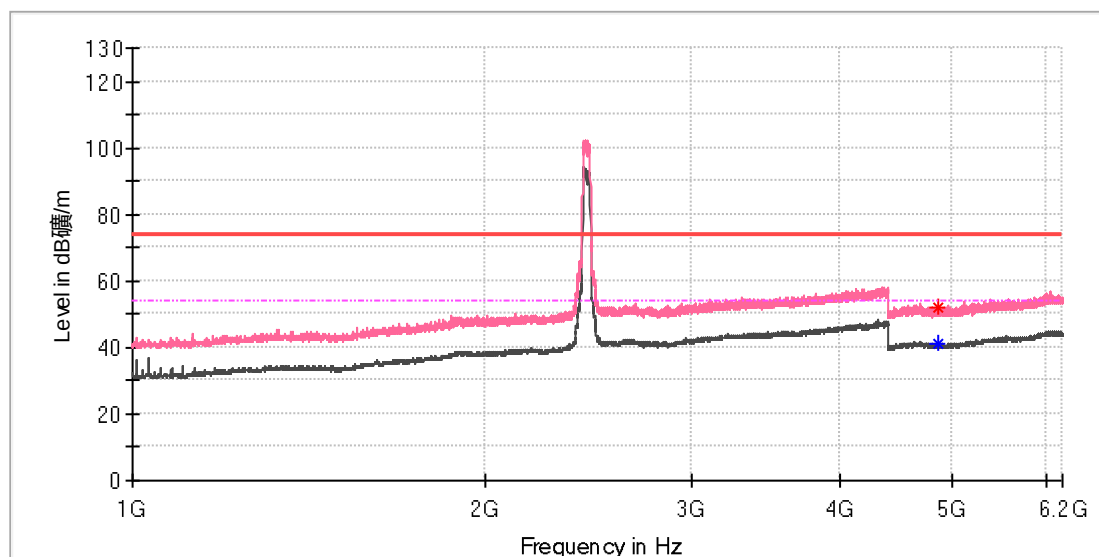
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4810.000000	52.59	---	74.00	21.41	150.0	H	182.0	13.3
4851.000000	---	40.91	54.00	13.09	150.0	H	125.0	13.3

Final Result

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

EUT Information

EUT Name:	Typhur Sync One Pro Wireless Thermometer
Model:	WT13
Test Mode:	WIFI 2.4G_11n40_Ch6
Order No/Sample No:	168556481/A004001131-003
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

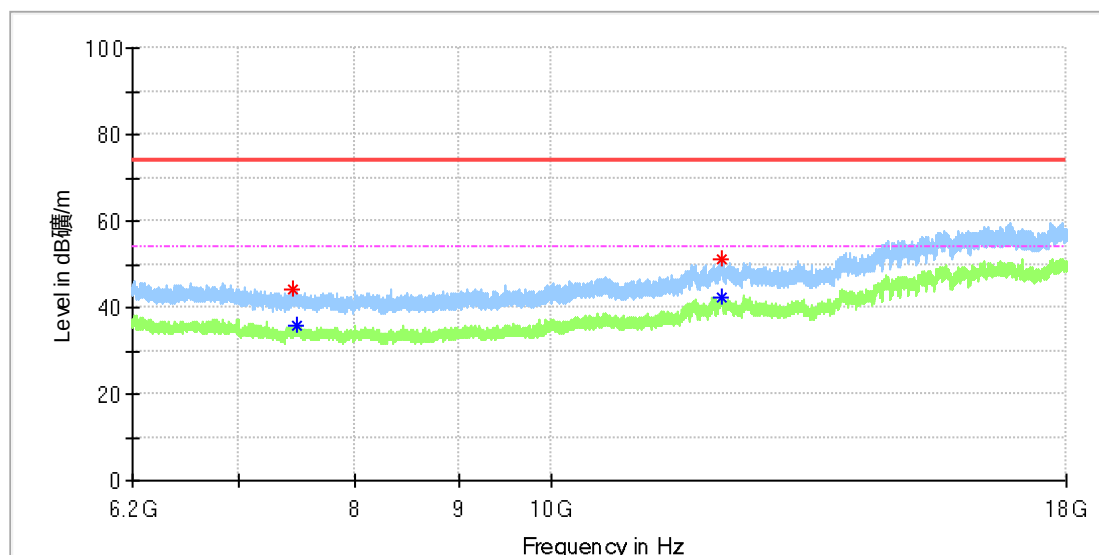
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4861.500000	---	41.34	54.00	12.66	150.0	V	79.0	13.3
4867.500000	51.96	---	74.00	22.04	150.0	V	138.0	13.3

Final Result

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

EUT Information

EUT Name:	Typhur Sync One Pro Wireless Thermometer
Model:	WT13
Test Mode:	WIFI 2.4G_11n40_Ch6
Order No/Sample No:	168556481/A004001131-003
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

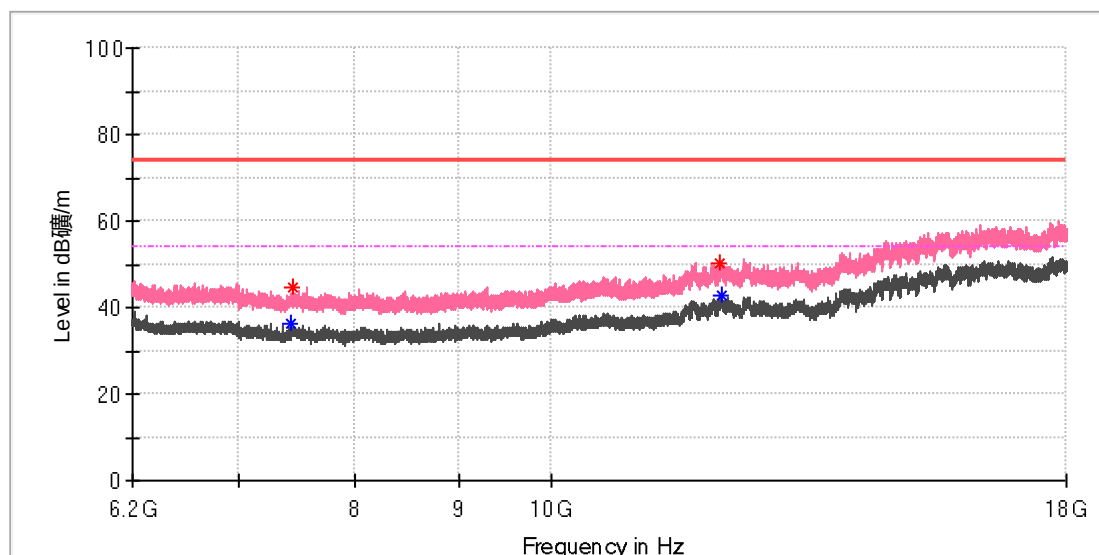
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7447.850000	44.00	---	74.00	30.00	150.0	H	186.0	8.5
7481.283333	---	35.96	54.00	18.04	150.0	H	0.0	8.7
12140.808333	---	42.32	54.00	11.68	150.0	H	33.0	16.5
12143.758333	51.27	---	74.00	22.73	150.0	H	2.0	16.6

Final Result

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

EUT Information

EUT Name:	Typhur Sync One Pro Wireless Thermometer
Model:	WT13
Test Mode:	WIFI 2.4G_11n40_Ch6
Order No/Sample No:	168556481/A004001131-003
Test Voltage:	Battery
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)
7427.200000	---	36.44	54.00	17.56	150.0	V	137.0	8.4
7452.766667	44.74	---	74.00	29.26	150.0	V	16.0	8.5
12108.358333	50.22	---	74.00	23.78	150.0	V	204.0	15.7
12139.333333	---	42.84	54.00	11.16	150.0	V	348.0	16.5

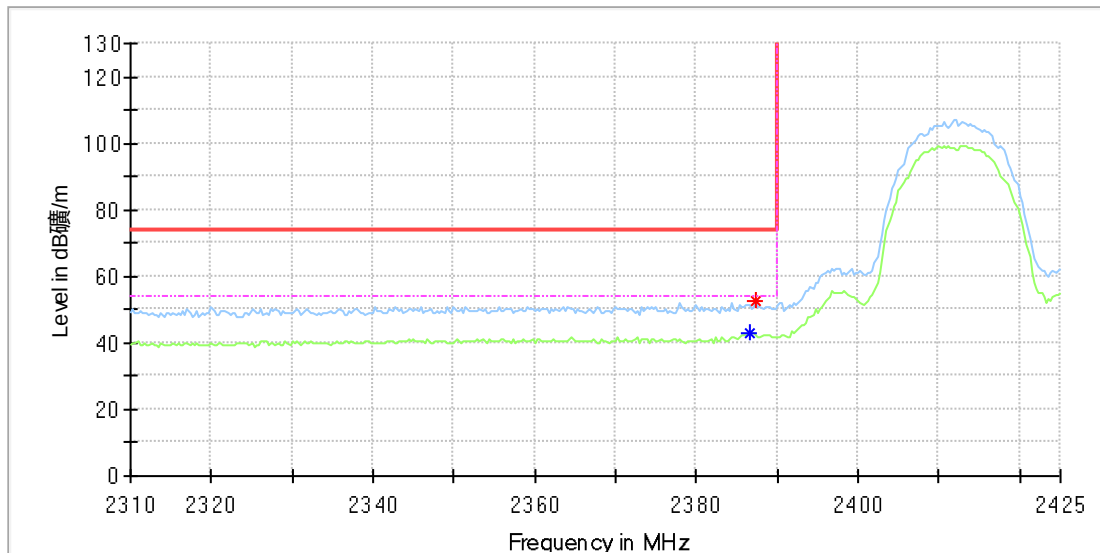
Final Result

[illegible]

Appendix A.4: Test Results of Radiated Emissions in Restricted Bands, 2.4GHz Wi-Fi

EUT Information

EUT Name:	Typhur Sync One Pro Wireless Thermometer
Model:	WT13
Test Mode:	WIFI 2.4G_11b_Ch1
Order No/Sample No:	168556481/A004001131-003
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

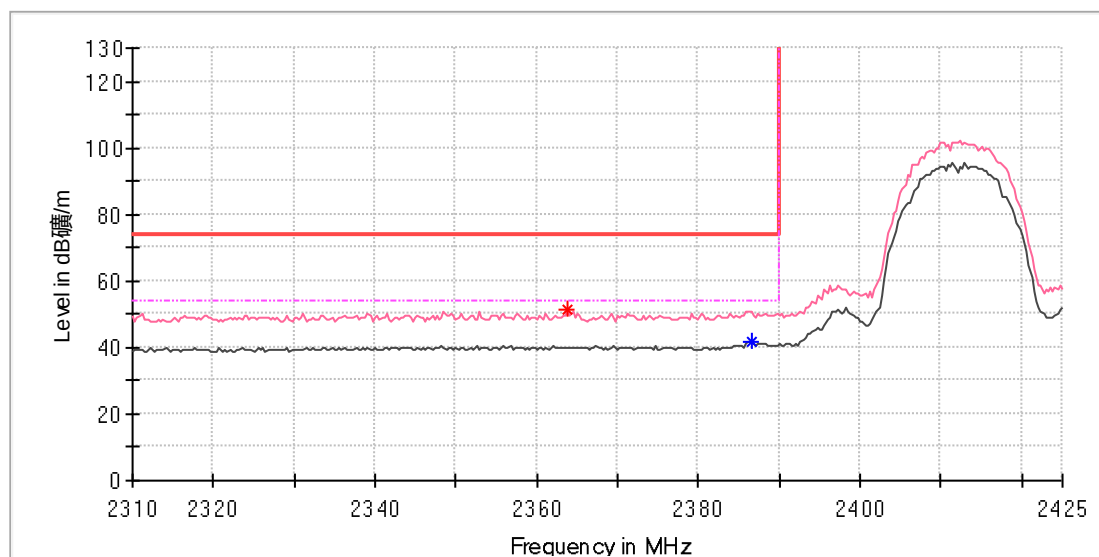
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2386.470588	---	42.76	54.00	11.24	150.0	H	16.0	8.5
2387.352941	52.79	---	74.00	21.21	150.0	H	185.0	8.5

Final_Result

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

EUT Information

EUT Name:	Typhur Sync One Pro Wireless Thermometer
Model:	WT13
Test Mode:	WIFI 2.4G_11b_Ch1
Order No/Sample No:	168556481/A004001131-003
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

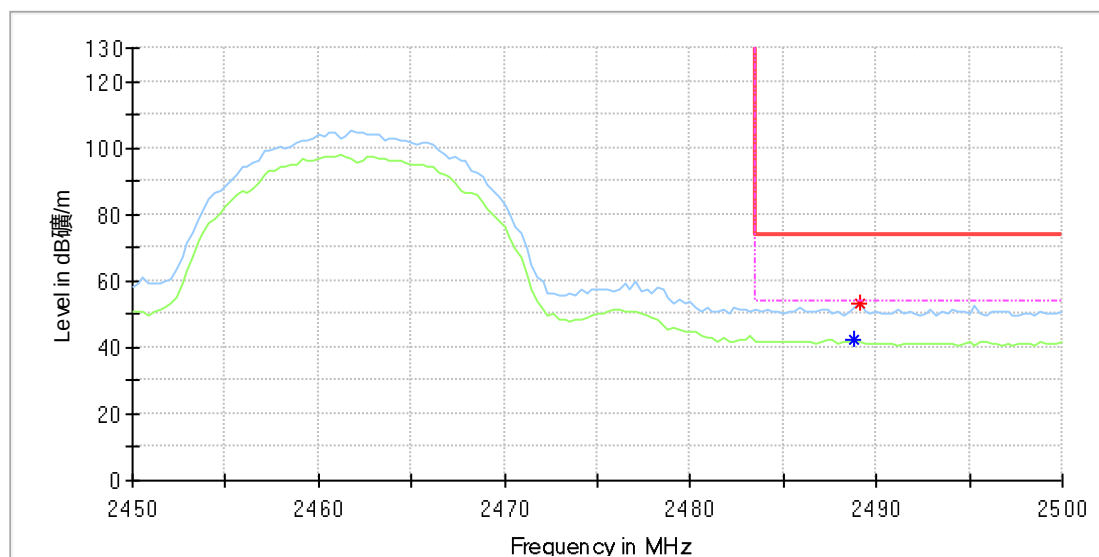
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2363.823529	51.25	---	74.00	22.75	150.0	V	197.0	8.5
2386.470588	---	41.76	54.00	12.24	150.0	V	226.0	8.5

Final Result

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

EUT Information

EUT Name:	Typhur Sync One Pro Wireless Thermometer
Model:	WT13
Test Mode:	WIFI 2.4G_11b_Ch11
Order No/Sample No:	168556481/A004001131-003
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

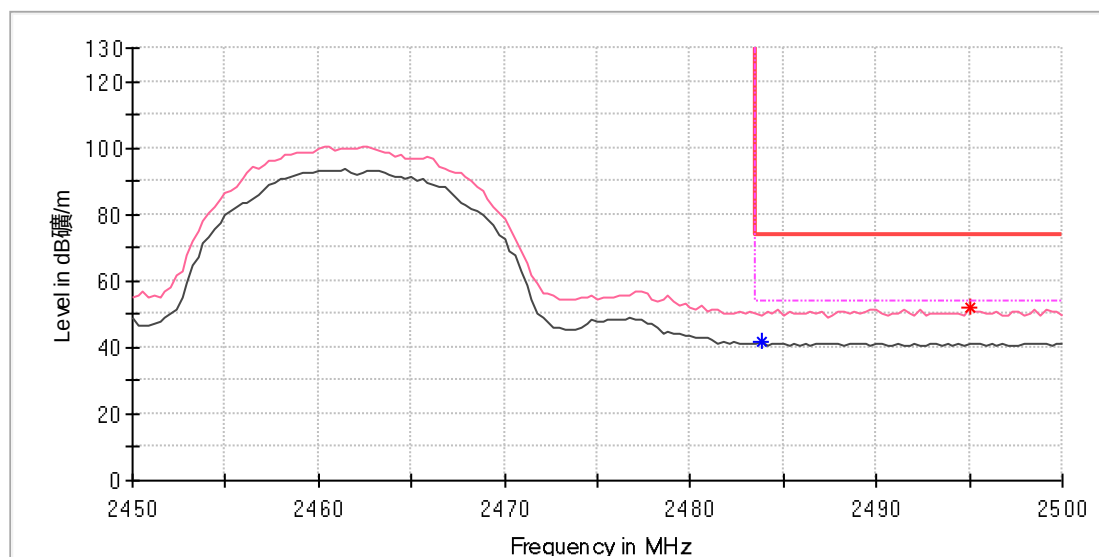
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2488.823529	---	42.48	54.00	11.52	150.0	H	269.0	9.0
2489.117647	52.97	---	74.00	21.03	150.0	H	14.0	9.0

Final Result

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

EUT Information

EUT Name:	Typhur Sync One Pro Wireless Thermometer
Model:	WT13
Test Mode:	WIFI 2.4G_11b_Ch11
Order No/Sample No:	168556481/A004001131-003
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

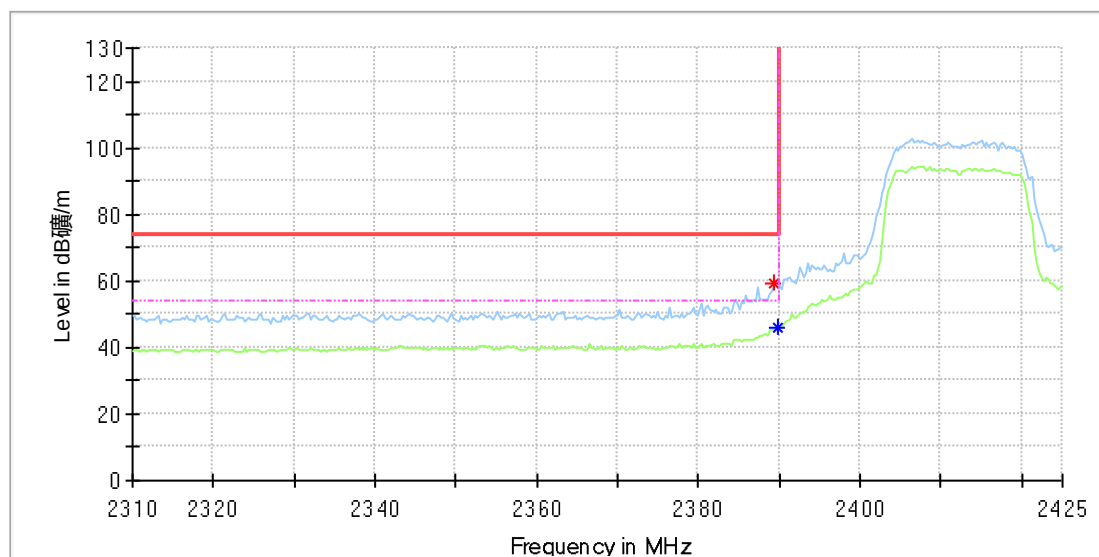
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.823529	---	41.53	54.00	12.47	150.0	V	286.0	9.0
2495.000000	52.01	---	74.00	21.99	150.0	V	330.0	9.0

Final Result

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

EUT Information

EUT Name:	Typhur Sync One Pro Wireless Thermometer
Model:	WT13
Test Mode:	WIFI 2.4G_11g_Ch1
Order No/Sample No:	168556481/A004001131-003
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

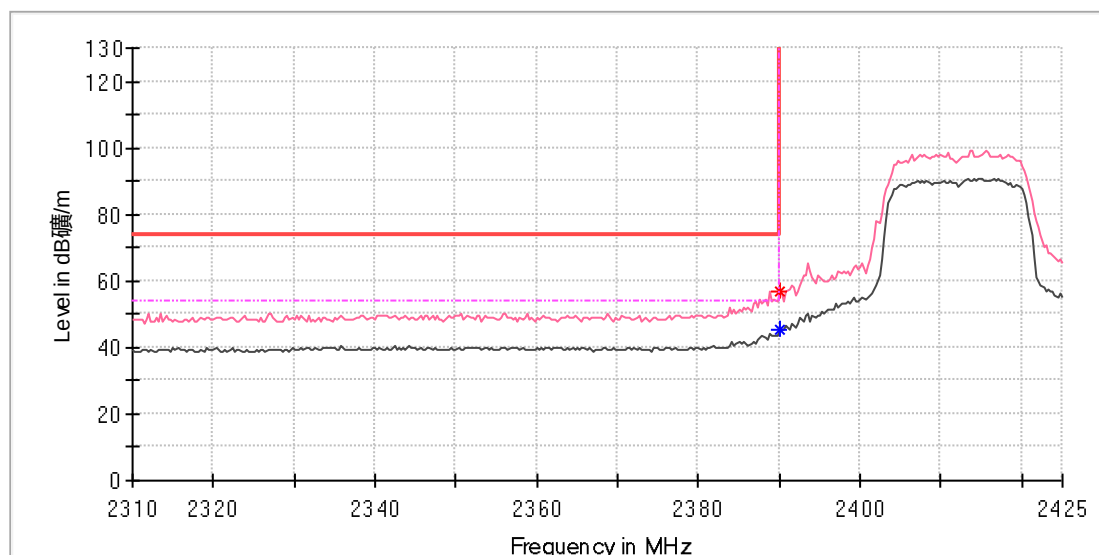
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2389.411765	59.13	---	74.00	14.87	150.0	H	20.0	8.5
2389.705882	---	46.22	54.00	7.78	150.0	H	20.0	8.5

Final Result

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

EUT Information

EUT Name:	Typhur Sync One Pro Wireless Thermometer
Model:	WT13
Test Mode:	WIFI 2.4G_11g_Ch1
Order No/Sample No:	168556481/A004001131-003
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

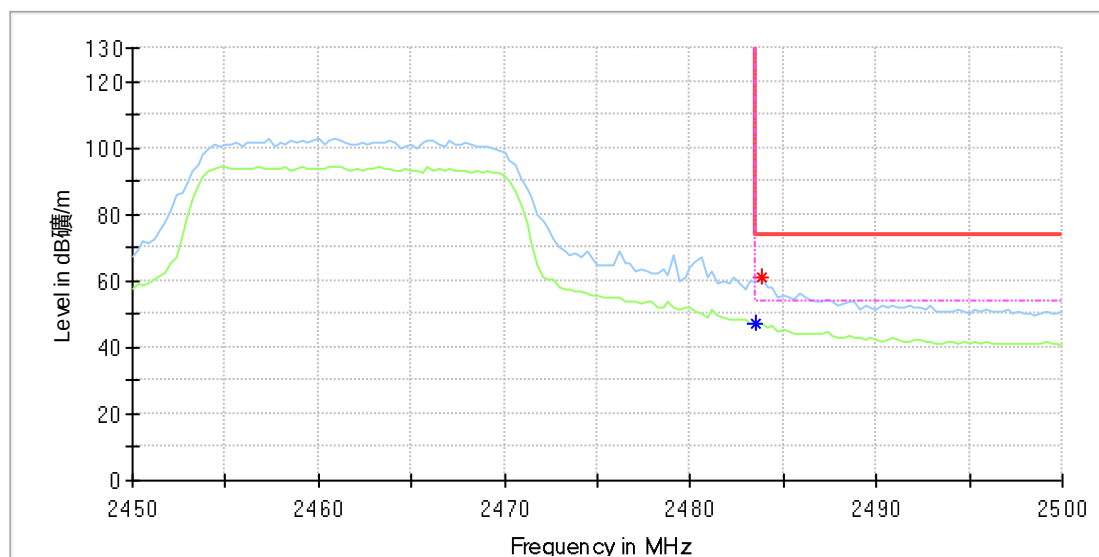
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2390.000000	57.13	---	74.00	16.87	150.0	V	105.0	8.5
2390.000000	---	45.12	54.00	8.88	150.0	V	105.0	8.5

Final Result

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

EUT Information

EUT Name:	Typhur Sync One Pro Wireless Thermometer
Model:	WT13
Test Mode:	WIFI 2.4G_11g_Ch11
Order No/Sample No:	168556481/A004001131-003
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

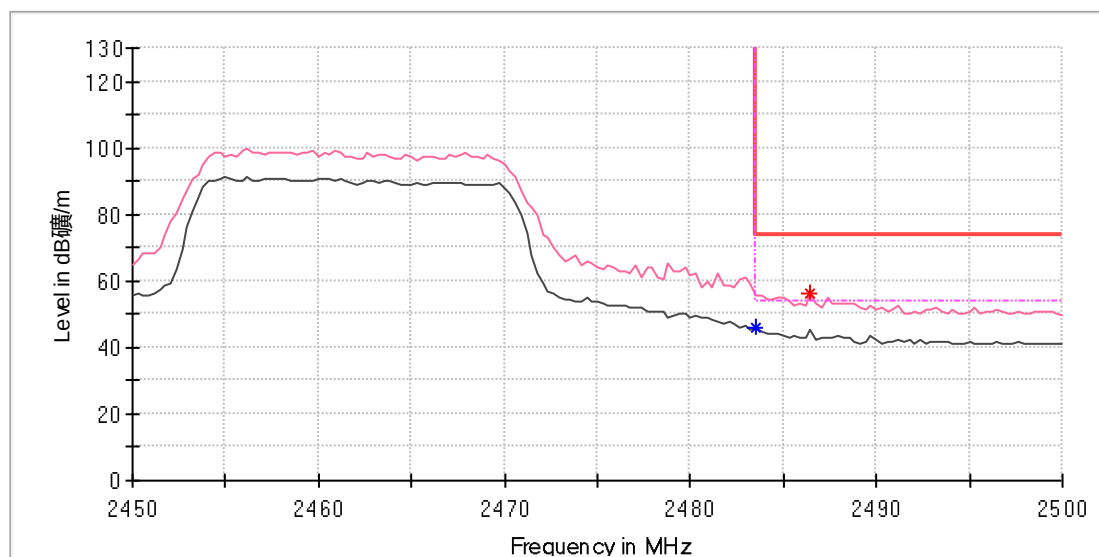
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.529412	---	47.10	54.00	6.90	150.0	H	15.0	9.0
2483.823529	61.28	---	74.00	12.72	150.0	H	15.0	9.0

Final Result

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

EUT Information

EUT Name:	Typhur Sync One Pro Wireless Thermometer
Model:	WT13
Test Mode:	WIFI 2.4G_11g_Ch11
Order No/Sample No:	168556481/A004001131-003
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

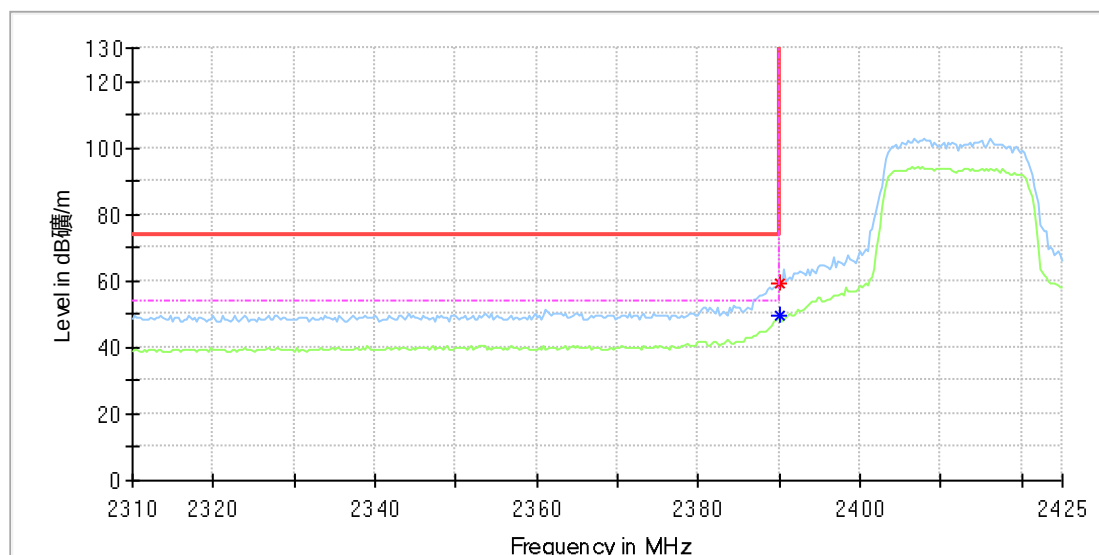
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.529412	---	45.77	54.00	8.23	150.0	V	113.0	9.0
2486.470588	56.16	---	74.00	17.84	150.0	V	106.0	9.0

Final Result

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

EUT Information

EUT Name:	Typhur Sync One Pro Wireless Thermometer
Model:	WT13
Test Mode:	WIFI 2.4G_11n20_Ch1
Order No/Sample No:	168556481/A004001131-003
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

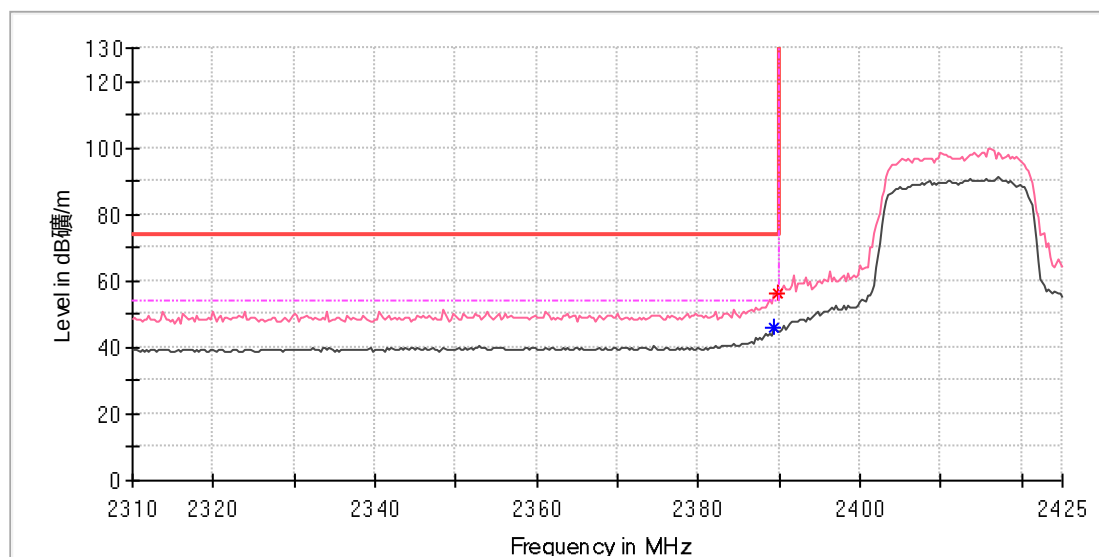
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2390.000000	59.05	---	74.00	14.95	150.0	H	152.0	8.5
2390.000000	---	49.48	54.00	4.52	150.0	H	152.0	8.5

Final Result

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

EUT Information

EUT Name:	Typhur Sync One Pro Wireless Thermometer
Model:	WT13
Test Mode:	WIFI 2.4G_11n20_Ch1
Order No/Sample No:	168556481/A004001131-003
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

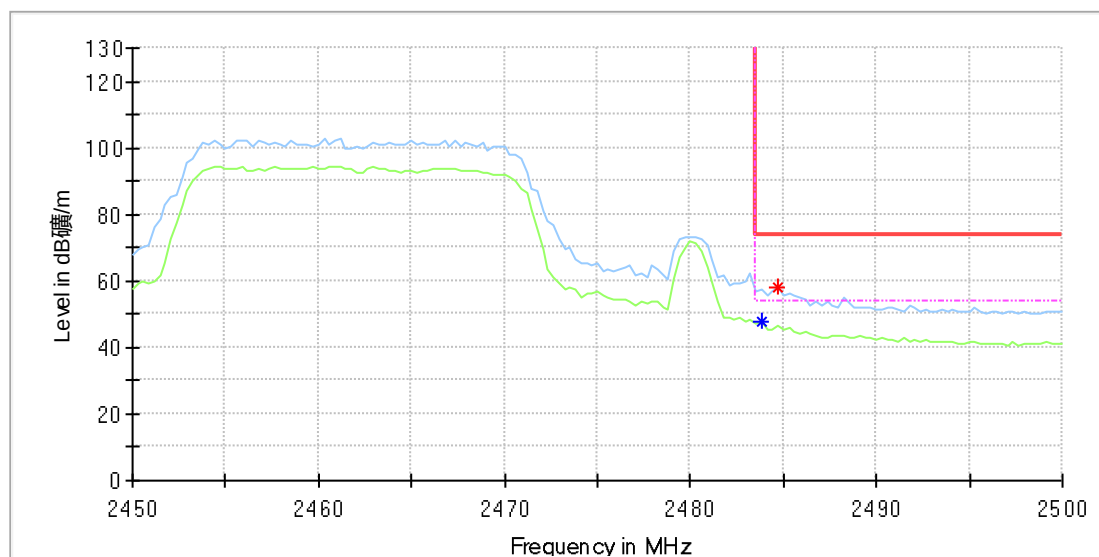
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2389.411765	---	46.10	54.00	7.90	150.0	V	100.0	8.5
2389.705882	56.49	---	74.00	17.51	150.0	V	44.0	8.5

Final Result

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

EUT Information

EUT Name:	Typhur Sync One Pro Wireless Thermometer
Model:	WT13
Test Mode:	WIFI 2.4G_11n20_Ch11
Order No/Sample No:	168556481/A004001131-003
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

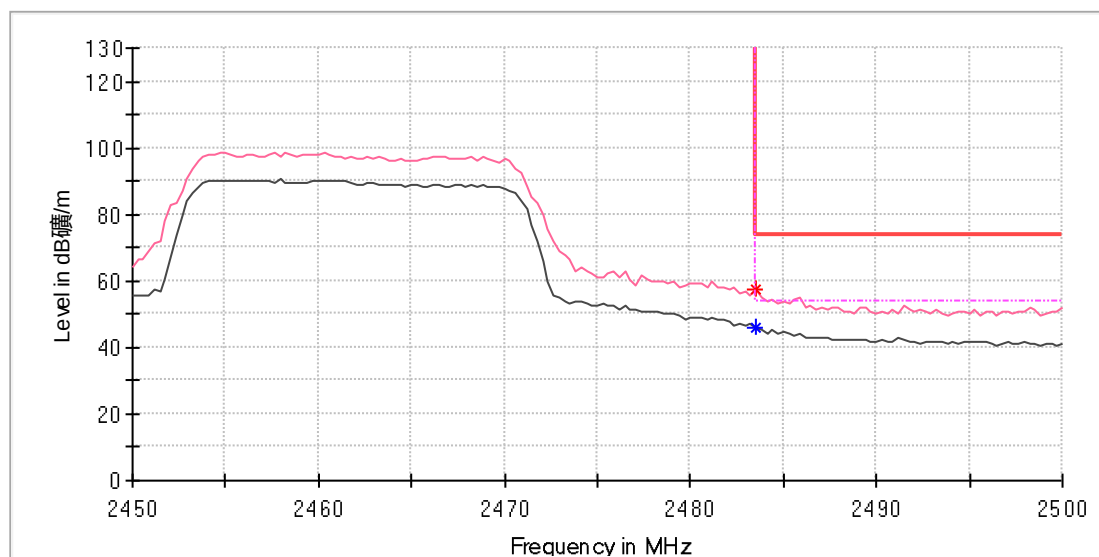
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.823529	---	47.77	54.00	6.23	150.0	H	16.0	9.0
2484.705882	58.06	---	74.00	15.94	150.0	H	251.0	9.0

Final Result

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

EUT Information

EUT Name:	Typhur Sync One Pro Wireless Thermometer
Model:	WT13
Test Mode:	WIFI 2.4G_11n20_Ch11
Order No/Sample No:	168556481/A004001131-003
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

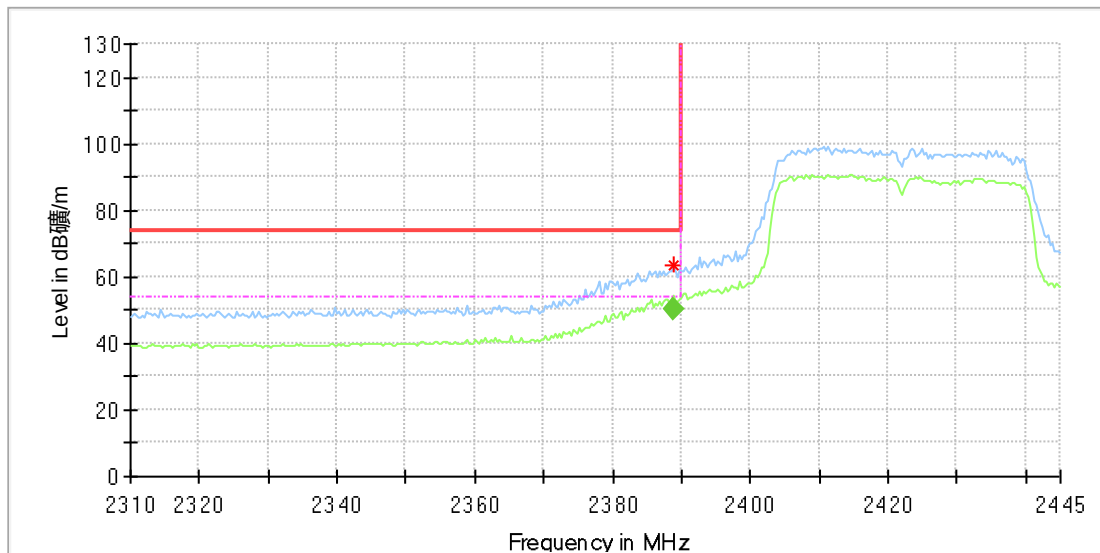
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.529412	---	45.72	54.00	8.28	150.0	V	105.0	9.0
2483.529412	57.66	---	74.00	16.34	150.0	V	105.0	9.0

Final Result

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

EUT Information

EUT Name: Typhur Sync One Pro Wireless Thermometer
Model: WT13
Test Mode: WIFI 2.4G_11n40_Ch3
Order No/Sample No: 168556481/A004001131-003
Test Voltage: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

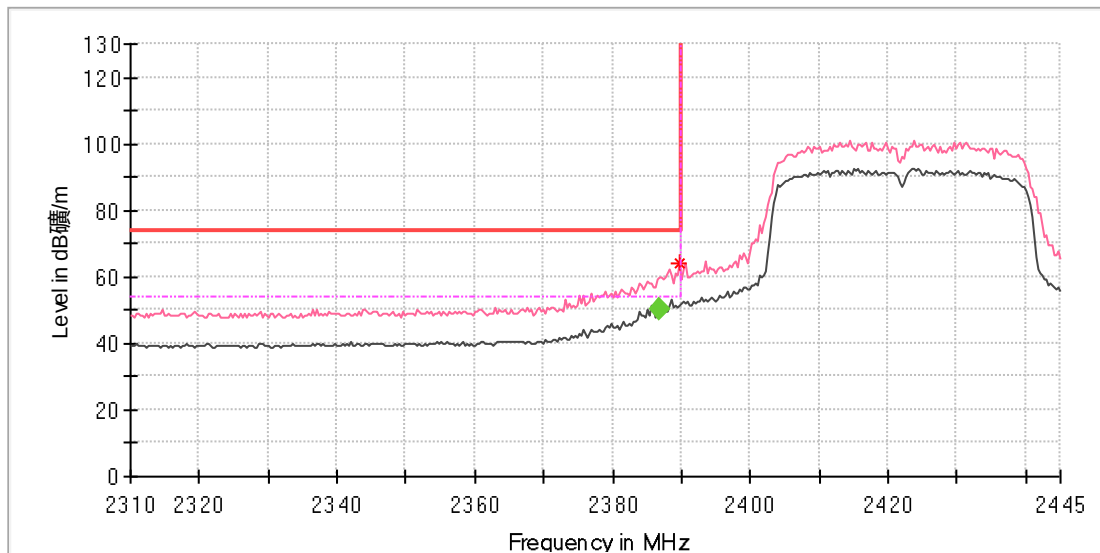
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2388.823529	63.37	---	74.00	10.63	150.0	H	107.0	8.5

Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2388.823529	---	50.46	54.00	3.54	150.0	H	107.0	8.5

EUT Information

EUT Name: Typhur Sync One Pro Wireless Thermometer
Model: WT13
Test Mode: WIFI 2.4G_11n40_Ch3
Order No/Sample No: 168556481/A004001131-003
Test Voltage: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

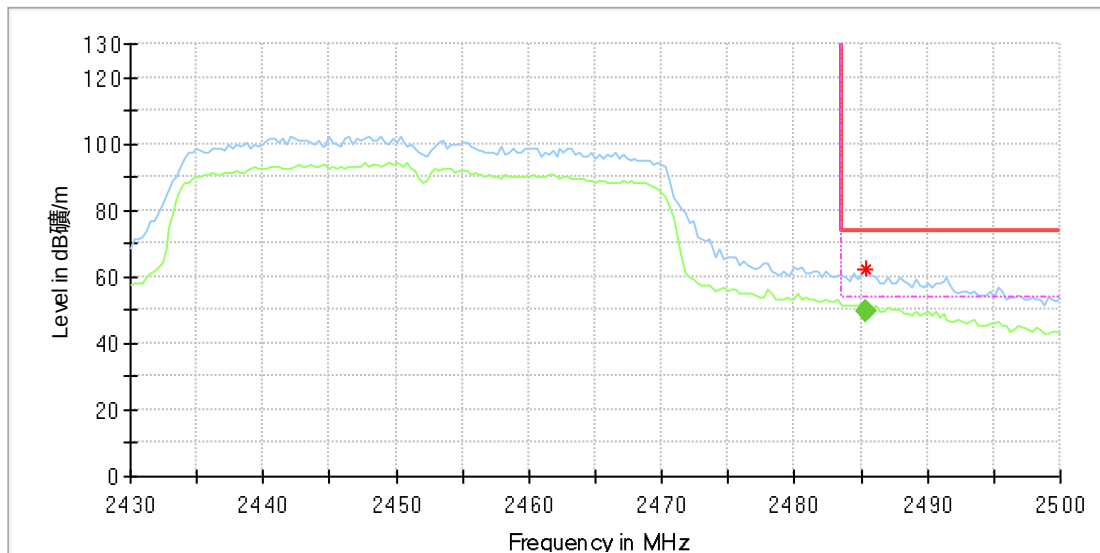
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2389.705882	64.10	---	74.00	9.90	150.0	V	108.0	8.5

Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2386.849265	---	49.94	54.00	4.06	150.0	V	101.0	8.5

EUT Information

EUT Name: Typhur Sync One Pro Wireless Thermometer
Model: WT13
Test Mode: WIFI 2.4G_11n40_Ch9
Order No/Sample No: 168556481/A004001131-003
Test Voltage: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

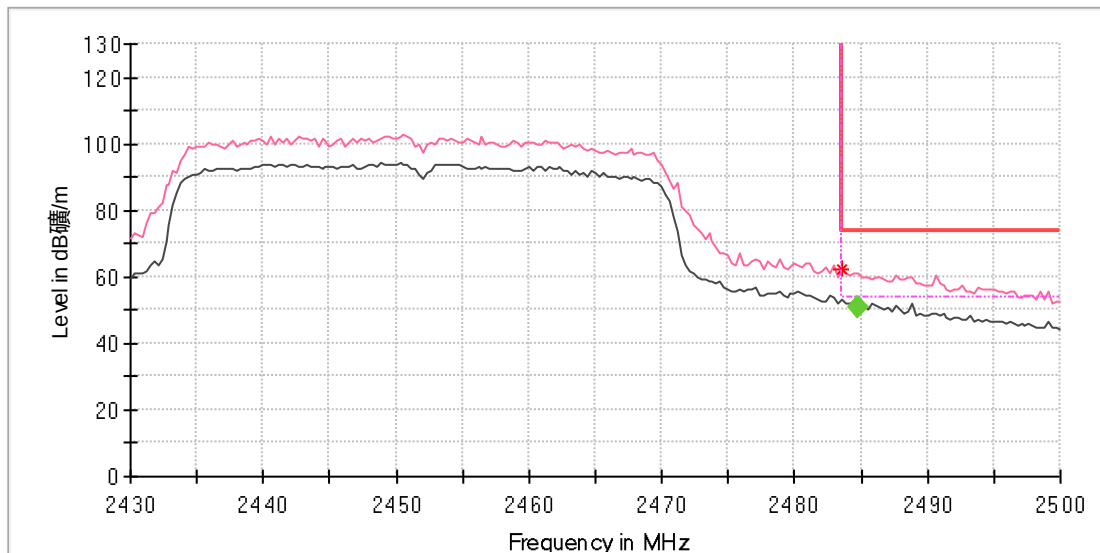
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2485.294118	61.98	---	74.00	12.02	150.0	H	103.0	9.0

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2485.294118	---	49.70	54.00	4.30	150.0	H	103.0	9.0

EUT Information

EUT Name: Typhur Sync One Pro Wireless Thermometer
Model: WT13
Test Mode: WIFI 2.4G_11n40_Ch9
Order No/Sample No: 168556481/A004001131-003
Test Voltage: Battery
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)
2483.529412	62.21	---	74.00	11.79	150.0	V	109.0	9.0

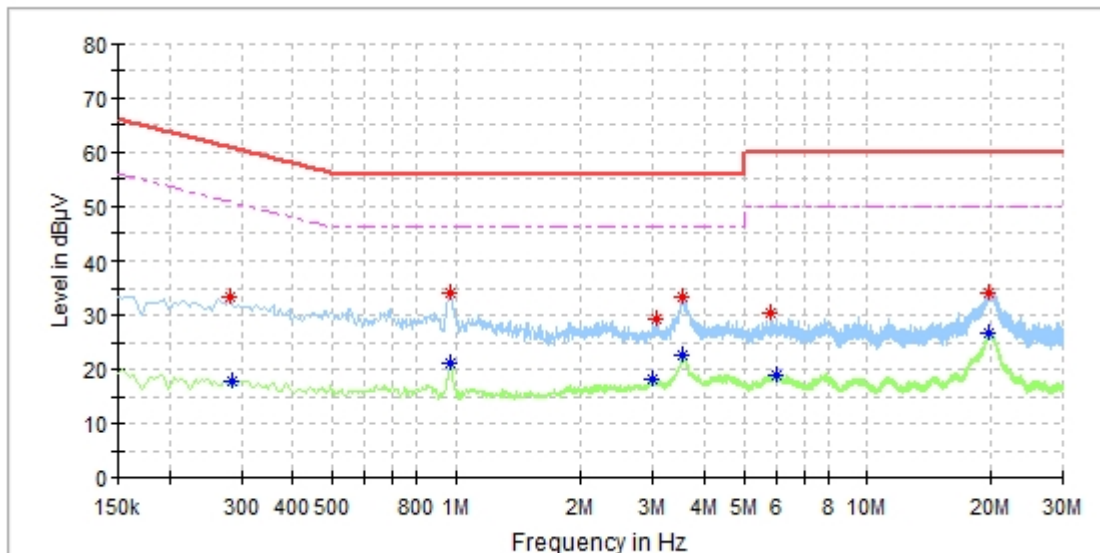
Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2484.705882	---	50.52	54.00	3.48	150.0	V	129.0	9.0

Appendix A.5: Test Results of Conducted Emission on AC Mains

EUT Information

EUT Name:	Typhur Sync One Pro Wireless Thermometer
Order Number:	168556481 30
Model:	WT13
Test Mode:	Charging + Wireless link
Test Voltage:	AC 120V/60Hz
Test Standard:	FCC Part 15
Test By:/Review By:	Simon Feng/Murphy Chen
Tem./Hum./Pressure:	24.9°C/50.4%/101kPa
Remark:	SR 3

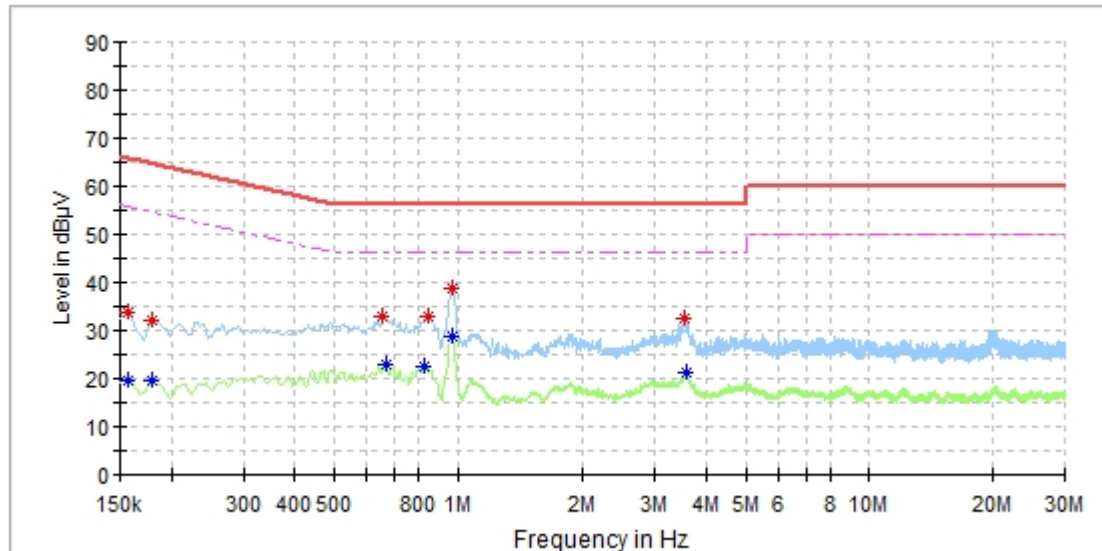


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.280594	33.35	---	60.80	27.44	L1	9.8
0.284325	---	18.04	50.69	32.65	L1	9.8
0.970875	34.09	---	56.00	21.91	L1	9.9
0.974606	---	21.16	46.00	24.84	L1	9.9
2.993213	---	18.23	46.00	27.77	L1	10.1
3.064106	29.32	---	56.00	26.68	L1	10.1
3.523050	33.66	---	56.00	22.34	L1	10.1
3.556631	---	22.52	46.00	23.49	L1	10.1
5.787919	30.41	---	60.00	29.59	L1	10.2
6.011794	---	19.06	50.00	30.94	L1	10.2
19.851000	34.25	---	60.00	25.75	L1	10.2
19.895775	---	26.72	50.00	23.28	L1	10.2

EUT Information

EUT Name:	Typhur Sync One Pro Wireless Thermometer
Order Number:	168556481 30
Model:	WT13
Test Mode:	Charging + Wireless link
Test Voltage:	AC 120V/60Hz
Test Standard:	FCC Part 15
Test By:/Review By:	Simon Feng/Murphy Chen
Tem./Hum./Pressure:	24.9°C/50.4%/101kPa
Remark:	SR 3



Critical Freqs

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.157463	34.01	---	65.60	31.59	N	9.7
0.157463	---	19.79	55.60	35.80	N	9.7
0.179850	32.41	---	64.49	32.09	N	9.7
0.179850	---	19.50	54.49	34.99	N	9.7
0.657450	32.98	---	56.00	23.02	N	9.7
0.668644	---	23.06	46.00	22.94	N	9.7
0.829088	---	22.66	46.00	23.34	N	9.7
0.844013	33.04	---	56.00	22.96	N	9.7
0.970875	---	29.05	46.00	16.95	N	9.7
0.974606	38.77	---	56.00	17.23	N	9.7
3.552900	32.76	---	56.00	23.24	N	9.8
3.571556	---	21.36	46.00	24.64	N	9.8