

Appendix A: Test Results

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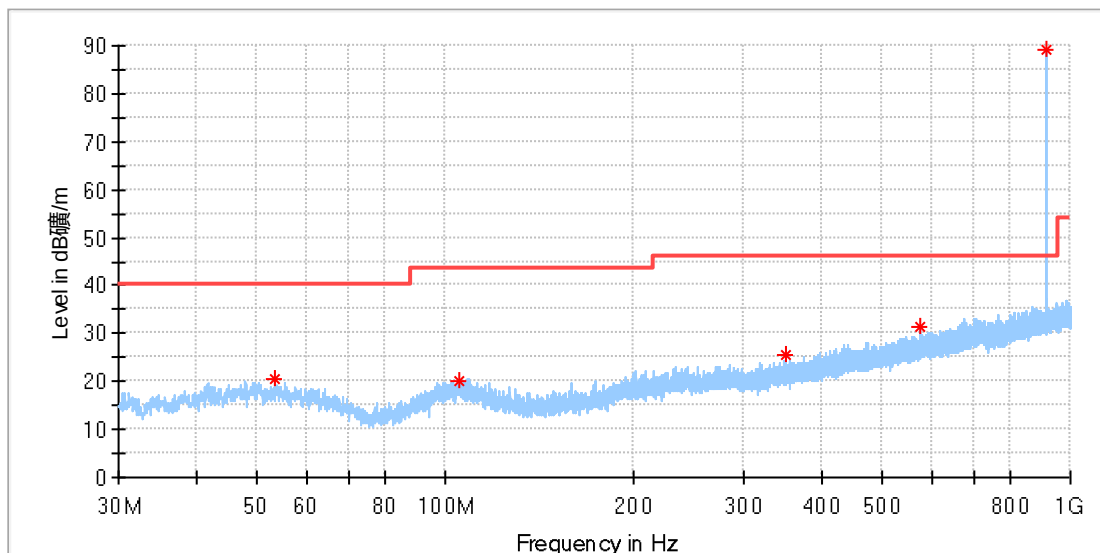
Appendix A.1: Test Results of Field Strength of Fundamental & Harmonics

30MHz - 1GHz

Note: The highest waveform in the figure is 916MHz Fundamental.

EUT Information

EUT Name:	Wireless Thermometer Probe
Model:	WTG02
Test Mode:	916MHz
Order No/Sample No:	168543230/A003948621-003
Test Voltage:	Battery
Remark:	Temp 24 Humi:50%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

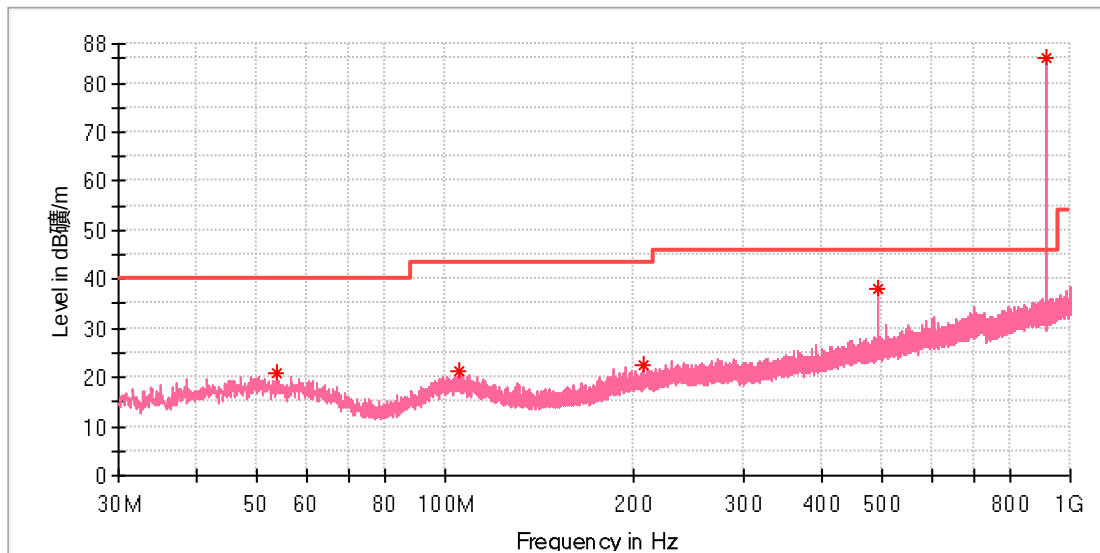
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
53.429231	20.65	40.00	19.35	100.0	H	26.0	-18.5
105.398846	20.22	43.50	23.28	100.0	H	140.0	-18.9
349.316539	25.65	46.00	20.35	100.0	H	38.0	-14.9
575.736923	31.31	46.00	14.69	100.0	H	226.0	-10.2
916.057692	88.99	---	---	100.0	H	200.0	-4.6

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: Wireless Thermometer Probe
Model: WTG02
Test Mode: 916MHz
Order No/Sample No: 168543230/A003948621-003
Test Voltage: Battery
Remark: Temp 24 Humi:50%
Test Standard: FCC Part 15C
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)
53.839615	20.99	40.00	19.01	100.0	V	328.0	-18.5
104.988462	21.20	43.50	22.30	100.0	V	66.0	-18.9
206.875769	22.69	43.50	20.81	100.0	V	200.0	-18.9
490.973846	37.94	46.00	8.06	100.0	V	140.0	-12.0
916.057692	85.20	---	---	100.0	V	140.0	-4.6

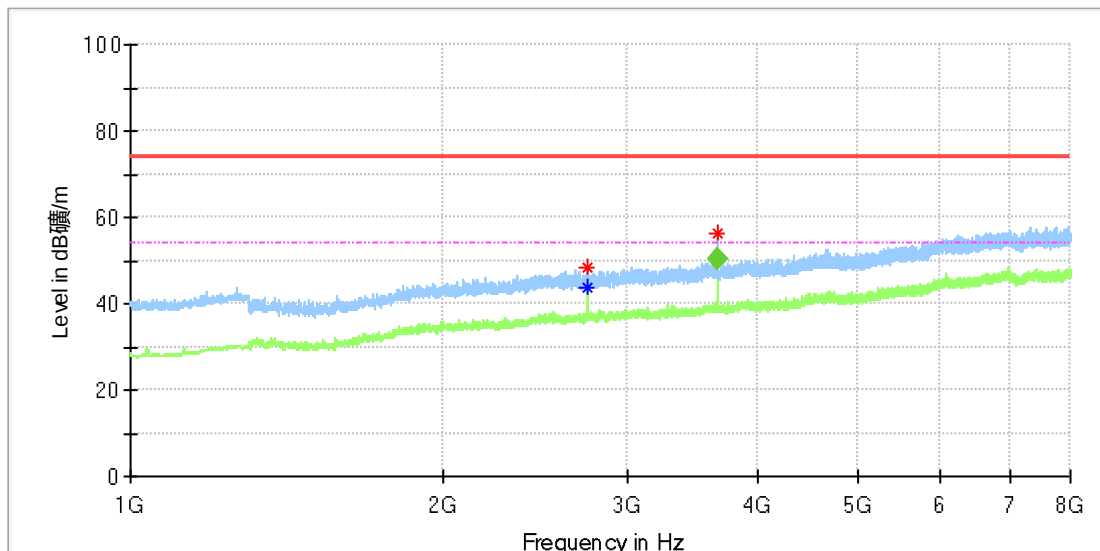
Final_Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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Above 1GHz

EUT Information

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Model:	WTG02
Test Mode:	916MHz
Order No/Sample No:	168543230/A003948621-003
Test Voltage:	Battery
Remark:	Temp 24 Humi:50%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

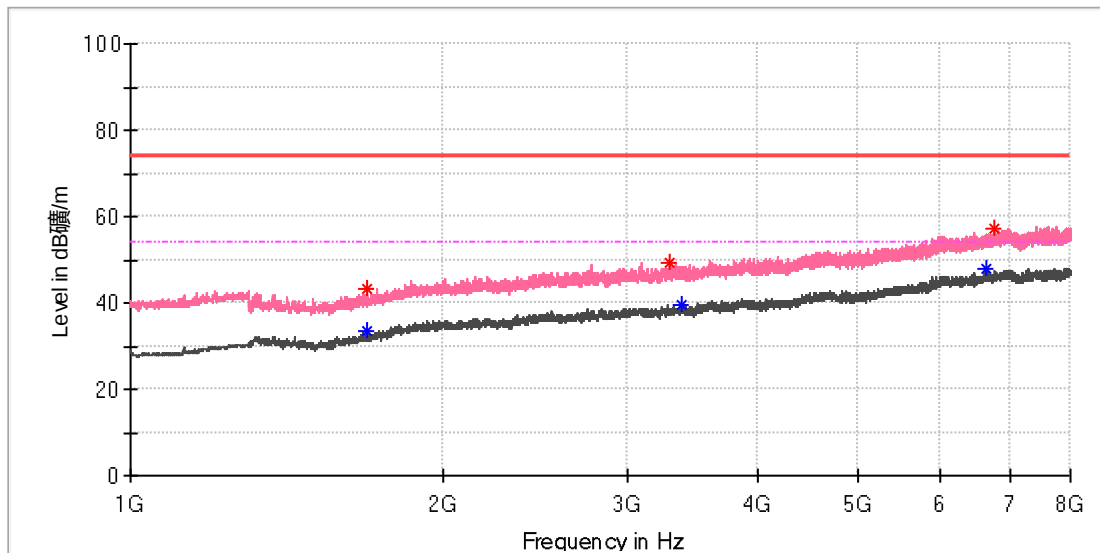
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2747.758333	48.46	---	74.00	25.54	150.0	H	71.0	9.3
2747.758333	---	43.81	54.00	10.19	150.0	H	71.0	9.3
3663.983333	56.41	---	74.00	17.59	150.0	H	315.0	11.0

Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
3664.000000	---	50.14	54.00	3.86	150.0	H	315.0	11.0

EUT Information

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Critical_Freqs

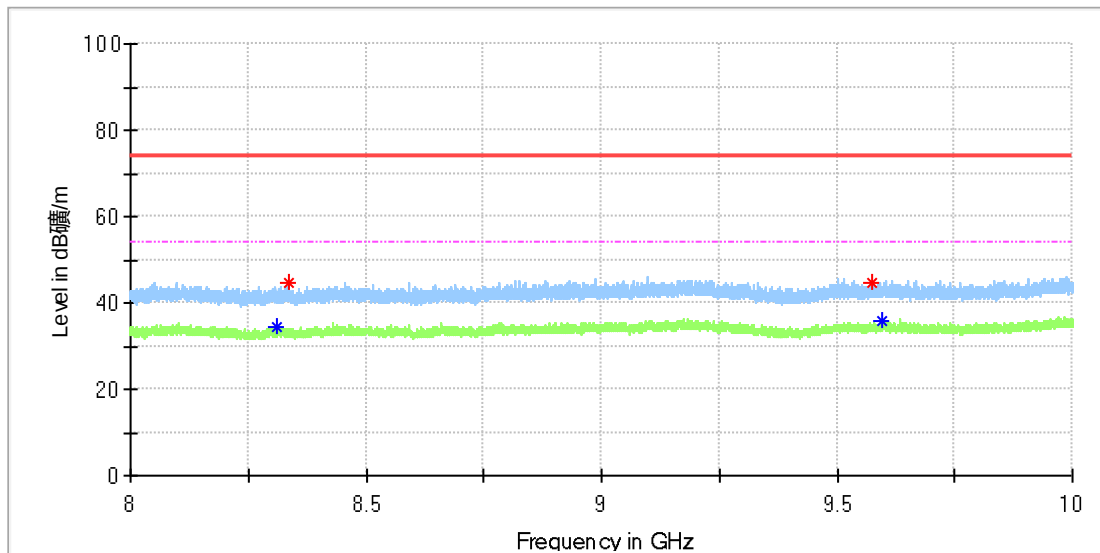
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1688.041667	43.23	---	74.00	30.77	150.0	V	214.0	4.7
1688.600000	---	33.36	54.00	20.64	150.0	V	41.0	4.7
3301.625000	49.47	---	74.00	24.53	150.0	V	98.0	10.1
3379.233333	---	39.38	54.00	14.62	150.0	V	344.0	10.1
6629.291667	---	48.04	54.00	5.96	150.0	V	293.0	18.0
6768.316667	57.11	---	74.00	16.89	150.0	V	335.0	18.3

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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EUT Information

EUT Name:	Wireless Thermometer Probe
Model:	WTG02
Test Mode:	916MHZ
Order No/Sample No:	168543230/A003948621-003
Test Voltage:	Battery
Remark:	Temp 24 Humi:50%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

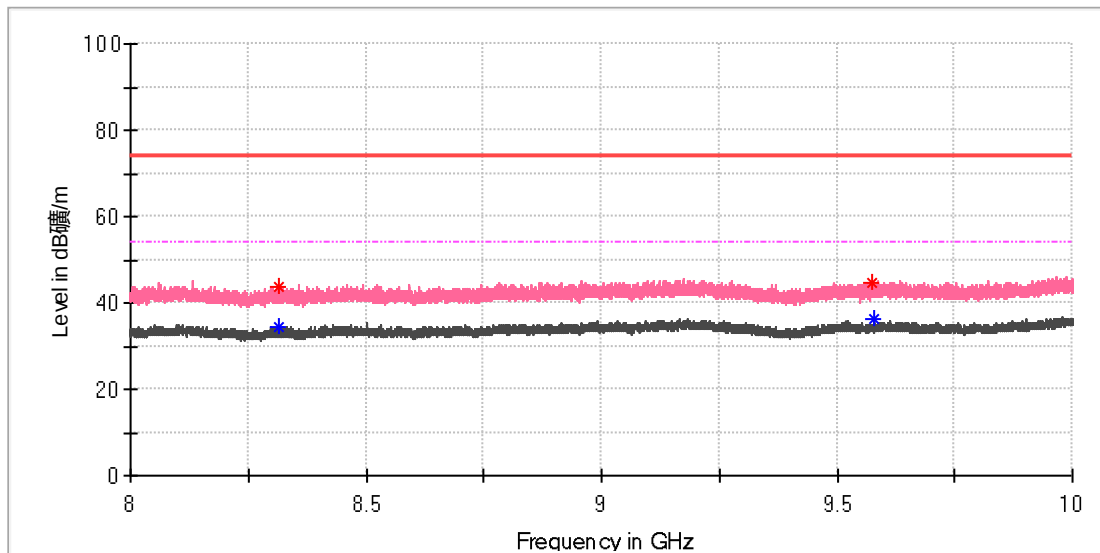
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8311.800000	---	34.22	54.00	19.78	150.0	H	129.0	8.8
8334.600000	44.62	---	74.00	29.38	150.0	H	25.0	8.8
9575.800000	44.83	---	74.00	29.17	150.0	H	173.0	10.3
9594.200000	---	35.79	54.00	18.21	150.0	H	234.0	10.3

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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Critical_Freqs

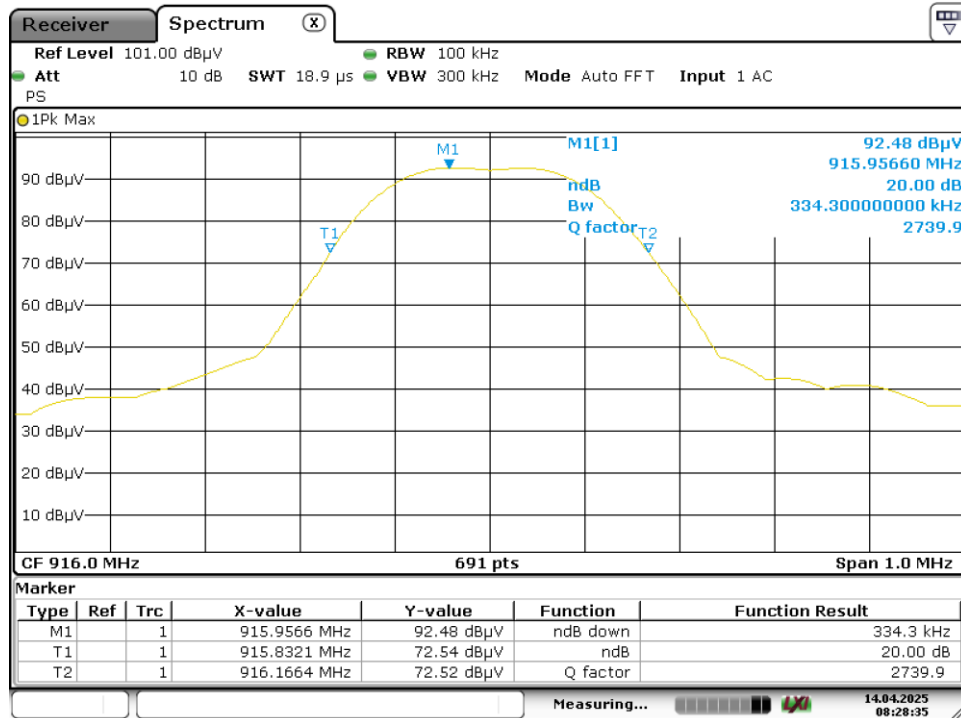
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8312.800000	43.66	---	74.00	30.34	150.0	V	303.0	8.8
8317.000000	---	34.54	54.00	19.46	150.0	V	226.0	8.8
9575.800000	44.70	---	74.00	29.30	150.0	V	205.0	10.3
9578.000000	---	36.29	54.00	17.71	150.0	V	174.0	10.3

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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Appendix A.2: Test Results of 20dB Bandwidth

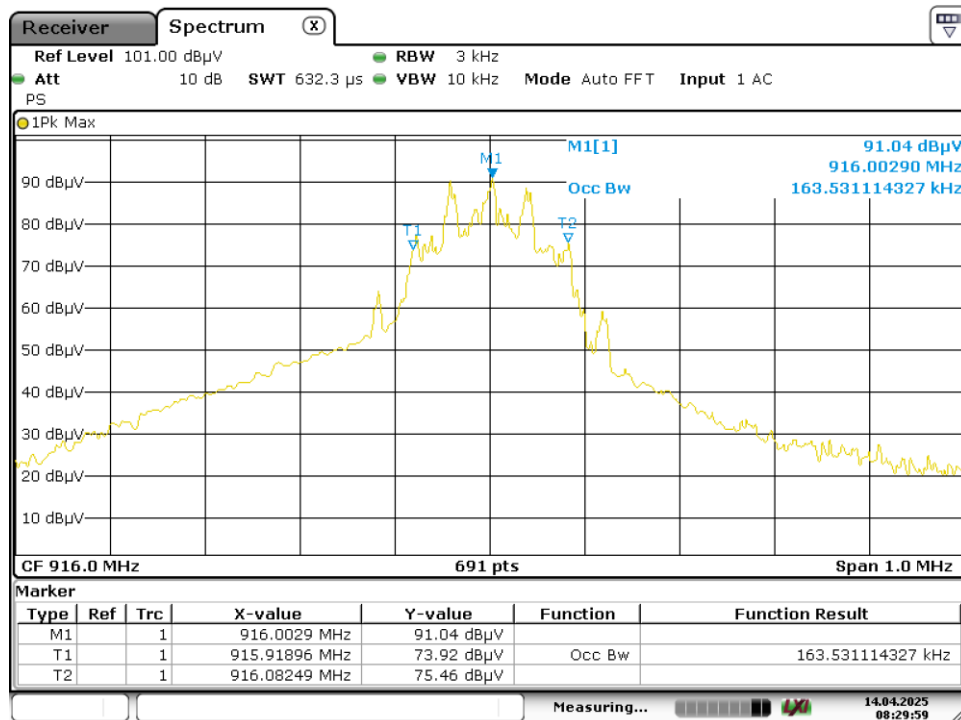
Test Frequency	20dB EBW[kHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
916MHz	334.3	915.8321	916.1664	Within assigned band 902-928MHz	PASS



Date: 14.APR.2025 08:28:34

Appendix A.3: Test Results of 99% Bandwidth

Test Frequency	OCB [kHz]	FL [MHz]	FH [MHz]	Limit [MHz]	Verdict
916 MHz	163.53	915.91896	916.08249	Within assigned band 902-928 MHz	PASS



Date: 14.APR.2025 08:29:58