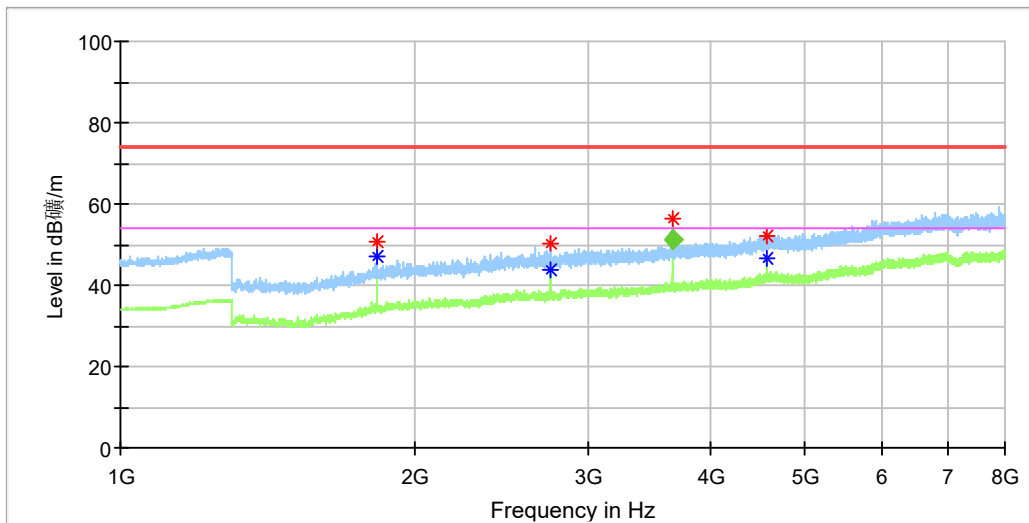


EUT Information

EUT Name: Wisblock Wireless
Model: RAK13302
Test Mode: FHSS 125K_SF10_914.9MHz
Order No/Sample No: 27219487/A004314138-002
Test Voltage: Battery
Remark: Temp 23.8°C Humi:57%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

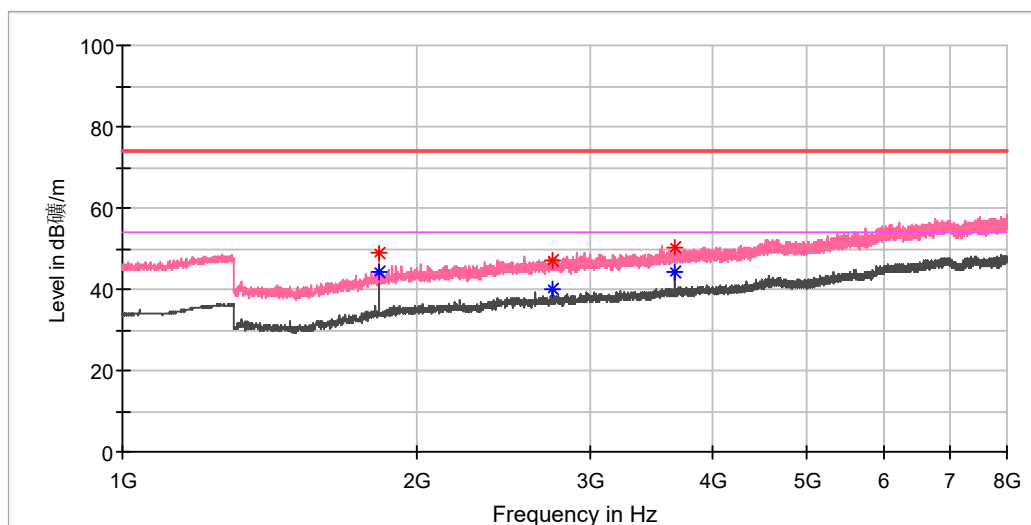
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1829.300000	---	46.88	90.44	43.56	150.0	H	268.0	6.4
1829.300000	50.52	---	100.44	49.92	150.0	H	268.0	6.4
2744.408333	---	43.88	54.00	10.12	150.0	H	91.0	9.3
2744.408333	50.08	---	74.00	23.92	150.0	H	91.0	9.3
3659.516667	56.39	---	74.00	17.61	150.0	H	286.0	10.9
4574.066667	52.27	---	74.00	21.73	150.0	H	259.0	13.5
4574.625000	---	46.56	54.00	7.44	150.0	H	277.0	13.5

Final Result

Frequency (MHz)	QuasiPeak (dBμV/m)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
3659.541667	---	51.25	54.00	2.75	150.0	H	286.0	10.9

EUT Information

EUT Name:	Wisblock Wireless
Model:	RAK13302
Test Mode:	FHSS 125K_SF10_914.9MHz
Order No/Sample No:	27219487/A004314138-002
Test Voltage:	Battery
Remark:	Temp 23.8°C Humi:57%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

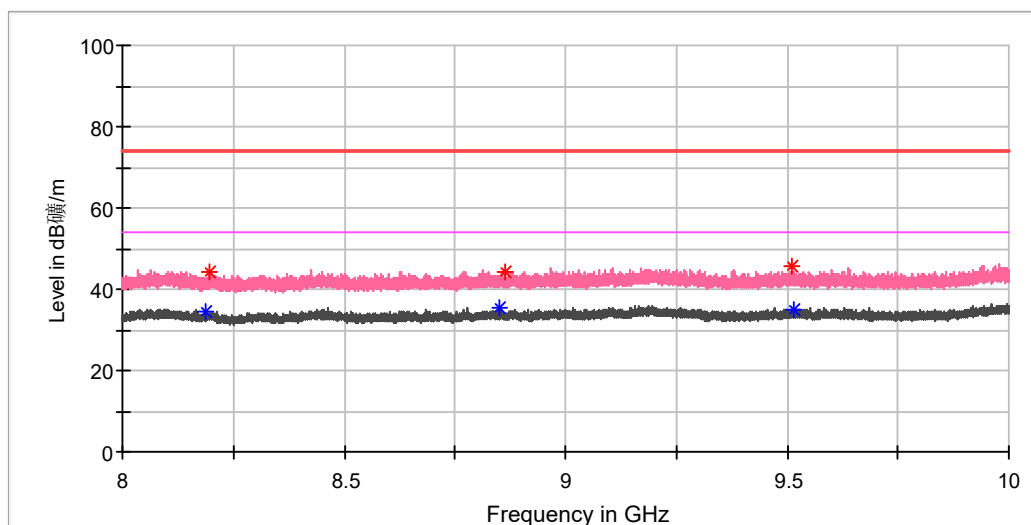
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1829.858333	48.73	---	98.10	49.37	150.0	V	255.0	6.4
1829.858333	---	43.99	88.10	44.11	150.0	V	255.0	6.4
2744.408333	47.14	---	74.00	26.86	150.0	V	246.0	9.3
2744.408333	---	40.06	54.00	13.94	150.0	V	246.0	9.3
3658.958333	50.16	---	74.00	23.84	150.0	V	129.0	10.9
3659.516667	---	43.96	54.00	10.04	150.0	V	255.0	10.9

Final_Result

Frequency (MHz)	QuasiPeak (dBμV/m)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
93.5	115.0	115.0	115.0	0.0	10.0	h	0.0	0.0

EUT Information

EUT Name:	Wisblock Wireless
Model:	RAK13302
Test Mode:	FHSS 125K_SF10_914.9MHz
Order No/Sample No:	27219487/A004314138-002
Test Voltage:	Battery
Remark:	Temp 23.8°C Humi:57%
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)
8189.000000	---	34.22	54.00	19.78	150.0	V	334.0	9.0
8197.500000	44.01	---	74.00	29.99	150.0	V	359.0	9.0
8849.100000	---	35.50	54.00	18.50	150.0	V	353.0	9.9
8862.200000	44.41	---	74.00	29.59	150.0	V	334.0	9.9
9509.700000	45.58	---	74.00	28.42	150.0	V	42.0	10.0
9513.800000	---	35.06	54.00	18.94	150.0	V	234.0	10.0

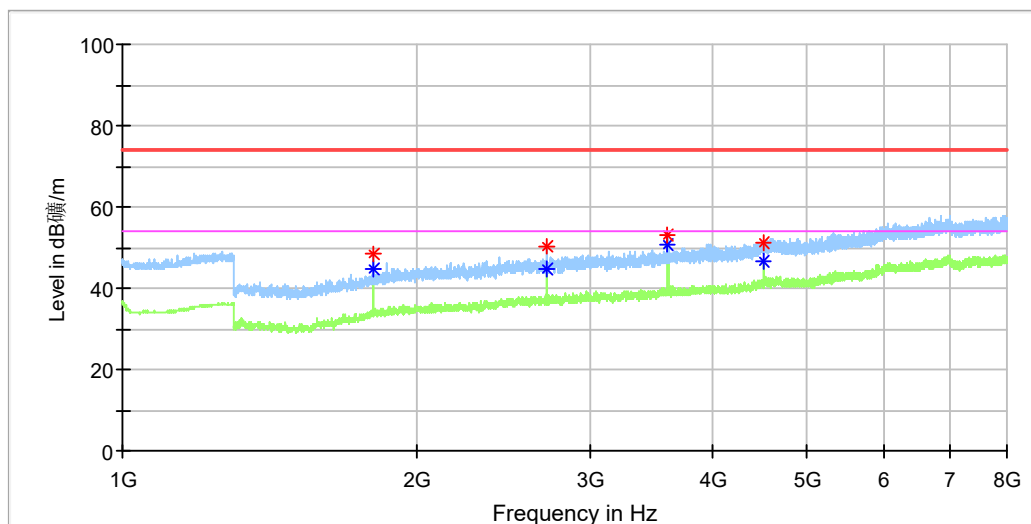
Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
100.00	100.00	100.00	100.00	100.00	100.00		100.00	100.00

1GHz - 10GHz for Dipole ANT

EUT Information

EUT Name:	Wisblock Wireless
Model:	RAK13302
Test Mode:	FHSS 125K_SF10_902.3MHz
Order No/Sample No:	27219487/A004314138-002
Test Voltage:	Battery
Remark:	Temp 23.8°C Humi:57%
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)
1804.175000	48.23	---	95.82	47.59	150.0	H	204.0	6.2
1804.175000	---	44.82	85.82	41.00	150.0	H	204.0	6.2
2707.000000	50.44	---	74.00	23.56	150.0	H	132.0	9.1
2707.000000	---	44.76	54.00	9.24	150.0	H	132.0	9.1
3609.266667	52.91	---	74.00	21.09	150.0	H	260.0	10.9
3609.266667	---	50.80	54.00	3.20	150.0	H	260.0	10.9
4511.533333	51.25	---	74.00	22.75	150.0	H	278.0	13.1
4511.533333	---	46.68	54.00	7.32	150.0	H	278.0	13.1

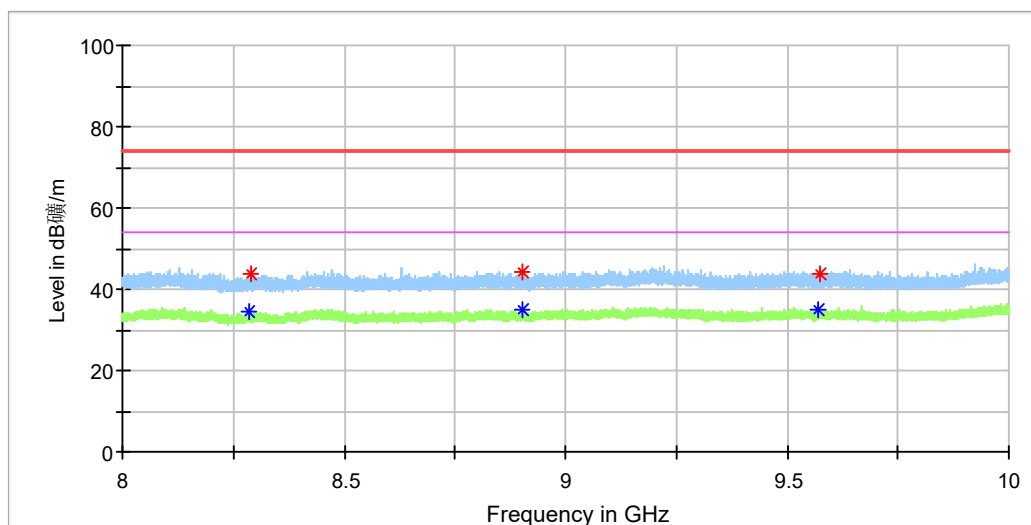
Final Result

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

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

EUT Information

EUT Name:	Wisblock Wireless
Model:	RAK13302
Test Mode:	FHSS 125K_SF10_902.3MHz
Order No/Sample No:	27219487/A004314138-002
Test Voltage:	Battery
Remark:	Temp 23.8°C Humi:57%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

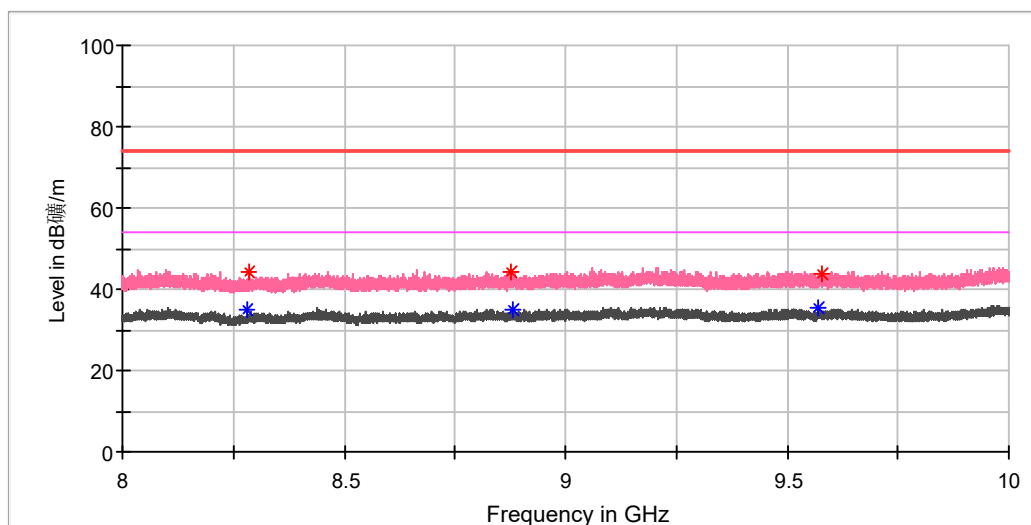
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8286.400000	---	34.38	54.00	19.62	150.0	H	258.0	8.7
8288.100000	43.59	---	74.00	30.41	150.0	H	79.0	8.7
8902.100000	44.04	---	74.00	29.96	150.0	H	153.0	9.7
8902.200000	---	34.65	54.00	19.35	150.0	H	213.0	9.7
9571.700000	---	35.11	54.00	18.89	150.0	H	96.0	10.3
9576.300000	43.89	---	74.00	30.11	150.0	H	184.0	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)
100.00	100.00	100.00	100.00	100.00	100.00		100.00	100.00

EUT Information

EUT Name:	Wisblock Wireless
Model:	RAK13302
Test Mode:	FHSS 125K_SF10_902.3MHz
Order No/Sample No:	27219487/A004314138-002
Test Voltage:	Battery
Remark:	Temp 23.8°C Humi:57%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

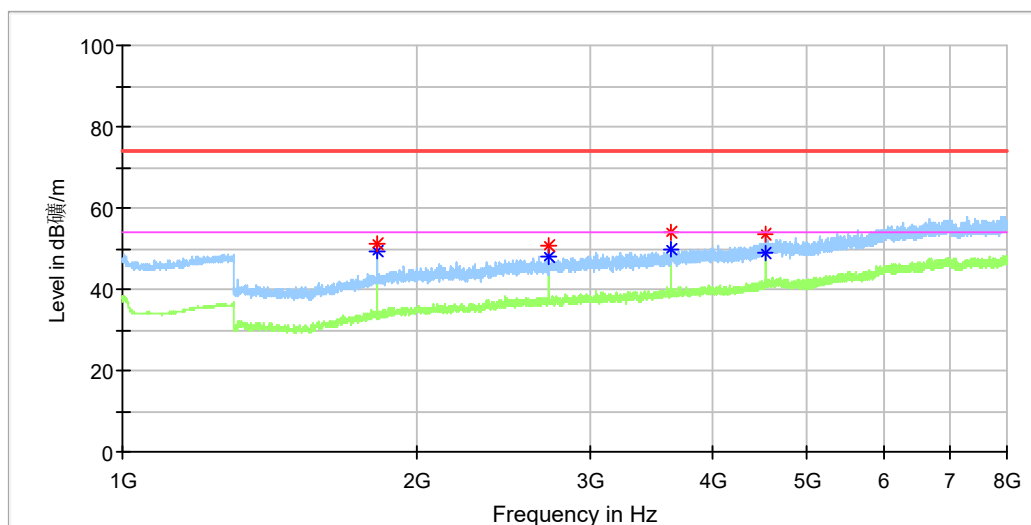
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8282.700000	---	35.00	54.00	19.00	150.0	V	359.0	8.7
8286.200000	44.21	---	74.00	29.79	150.0	V	318.0	8.7
8878.600000	44.33	---	74.00	29.67	150.0	V	269.0	9.9
8882.700000	---	34.85	54.00	19.15	150.0	V	136.0	9.8
9572.200000	---	35.47	54.00	18.53	150.0	V	348.0	10.3
9576.800000	43.86	---	74.00	30.14	150.0	V	355.0	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)
100.00	100.00	100.00	100.00	100.00	100.00		100.00	100.00

EUT Information

EUT Name:	Wisblock Wireless
Model:	RAK13302
Test Mode:	FHSS 125K_SF10_908.7MHz
Order No/Sample No:	27219487/A004314138-002
Test Voltage:	Battery
Remark:	Temp 23.8°C Humi:57%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

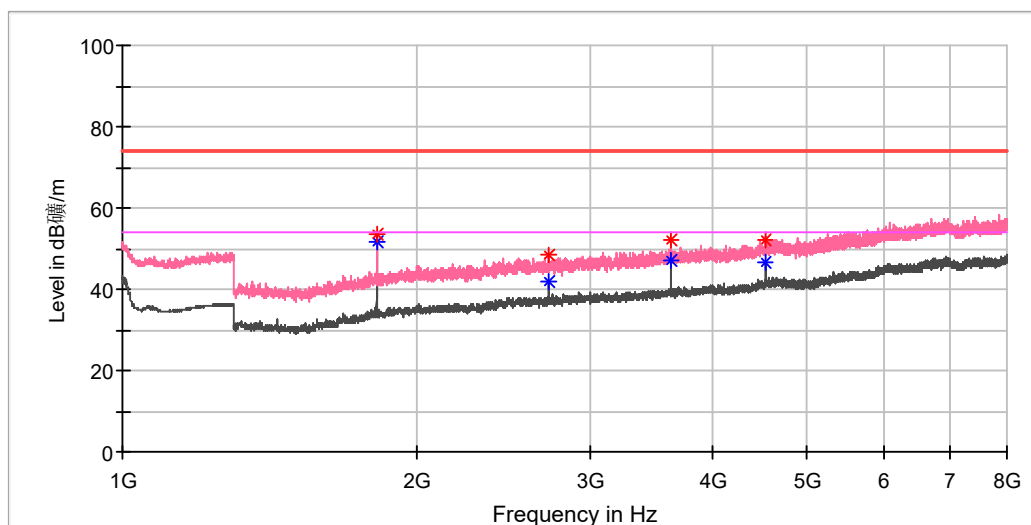
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1817.016667	---	49.19	88.13	38.94	150.0	H	354.0	6.3
1817.575000	51.32	---	98.13	46.81	150.0	H	354.0	6.3
2725.983333	---	47.81	54.00	6.19	150.0	H	148.0	9.2
2725.983333	50.64	---	74.00	23.36	150.0	H	148.0	9.2
3634.391667	---	49.86	54.00	4.14	150.0	H	255.0	10.9
3634.950000	53.93	---	74.00	20.07	150.0	H	255.0	10.9
4543.358333	53.65	---	74.00	20.35	150.0	H	281.0	13.4
4543.358333	---	49.06	54.00	4.94	150.0	H	281.0	13.4

Final Result

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

EUT Information

EUT Name:	Wisblock Wireless
Model:	RAK13302
Test Mode:	FHSS 125K_SF10_908.7MHz
Order No/Sample No:	27219487/A004314138-002
Test Voltage:	Battery
Remark:	Temp 23.8°C Humi:57%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

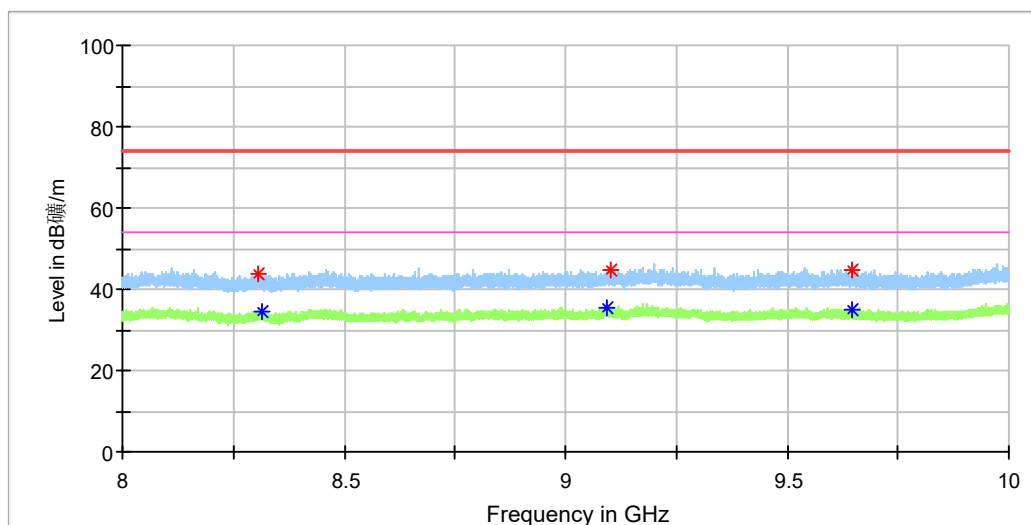
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1817.016667	53.26	---	103.48	50.22	150.0	V	21.0	6.3
1817.016667	---	51.79	93.48	41.69	150.0	V	21.0	6.3
2725.983333	---	41.83	54.00	12.17	150.0	V	76.0	9.2
2726.541667	48.19	---	74.00	25.81	150.0	V	272.0	9.2
3634.391667	52.02	---	74.00	21.98	150.0	V	184.0	10.9
3634.950000	---	47.03	54.00	6.97	150.0	V	203.0	10.9
4543.358333	---	46.66	54.00	7.34	150.0	V	282.0	13.4
4544.475000	52.32	---	74.00	21.68	150.0	V	95.0	13.4

Final Result

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

EUT Information

EUT Name:	Wisblock Wireless
Model:	RAK13302
Test Mode:	FHSS 125K_SF10_908.7MHz
Order No/Sample No:	27219487/A004314138-002
Test Voltage:	Battery
Remark:	Temp 23.8°C Humi:57%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

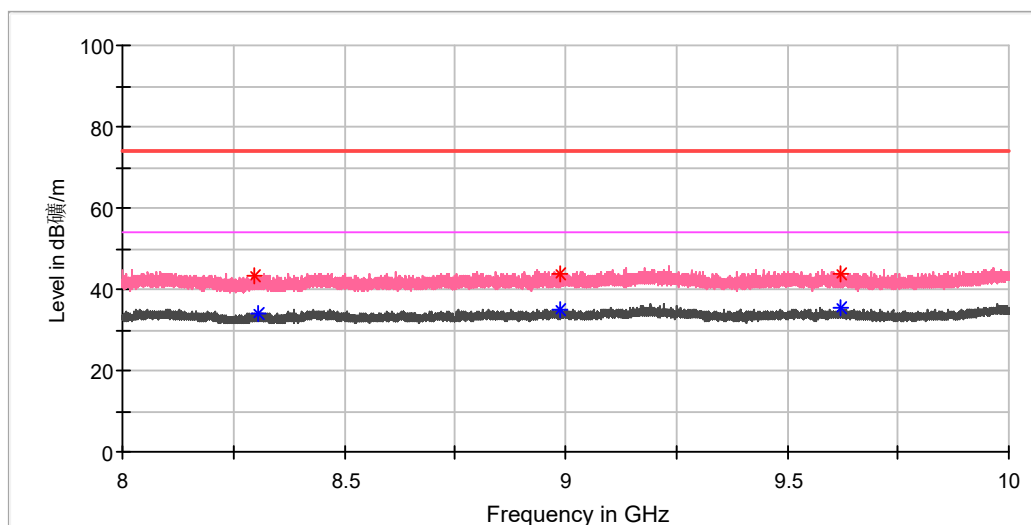
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8307.100000	43.92	---	74.00	30.08	150.0	H	73.0	8.8
8315.400000	---	34.56	54.00	19.44	150.0	H	64.0	8.8
9093.600000	---	35.49	54.00	18.51	150.0	H	206.0	10.0
9100.200000	44.75	---	74.00	29.25	150.0	H	321.0	10.0
9645.100000	44.48	---	74.00	29.52	150.0	H	27.0	10.4
9648.700000	---	34.72	54.00	19.28	150.0	H	73.0	10.4

Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
100.00	100.00	100.00	100.00	100.00	100.00		100.00	100.00

EUT Information

EUT Name:	Wisblock Wireless
Model:	RAK13302
Test Mode:	FHSS 125K_SF10_908.7MHz
Order No/Sample No:	27219487/A004314138-002
Test Voltage:	Battery
Remark:	Temp 23.8°C Humi:57%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

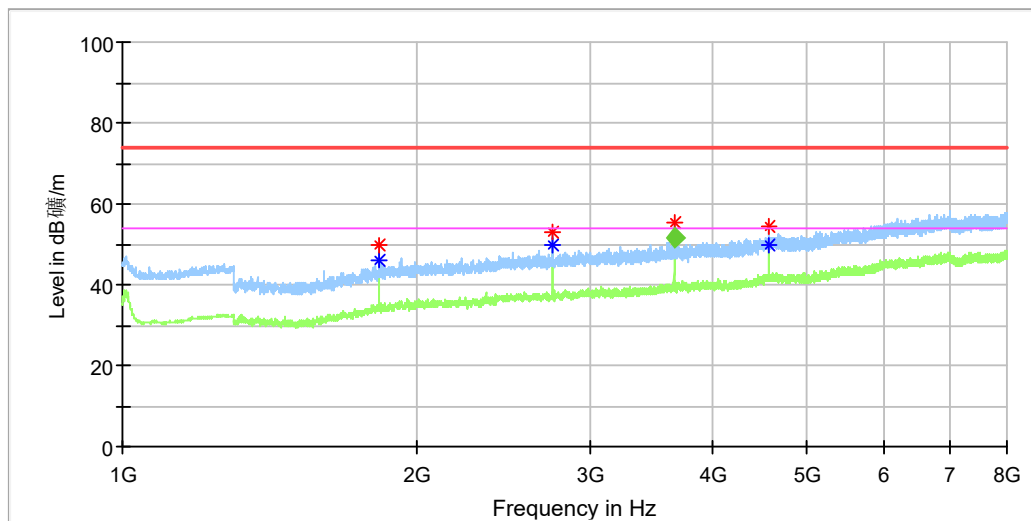
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8299.100000	43.29	---	74.00	30.71	150.0	V	197.0	8.7
8305.900000	---	33.99	54.00	20.01	150.0	V	304.0	8.8
8986.700000	---	35.08	54.00	18.92	150.0	V	246.0	9.4
8988.900000	43.88	---	74.00	30.12	150.0	V	295.0	9.4
9619.500000	43.87	---	74.00	30.13	150.0	V	358.0	10.4
9620.600000	---	35.55	54.00	18.45	150.0	V	276.0	10.4

Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
100.00	100.00	100.00	100.00	100.00	100.00		100.00	100.00

EUT Information

EUT Name: Wisblock Wireless
Model: RAK13302
Test Mode: FHSS 125K_SF10_914.9MHz
Order No/Sample No: 27219487/A004314138-002
Test Voltage: Battery
Remark: Temp 23.8°C Humi:57%
Test Standard: FCC 15.247
Tested By: Kei Zhang
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Critical_Freqs

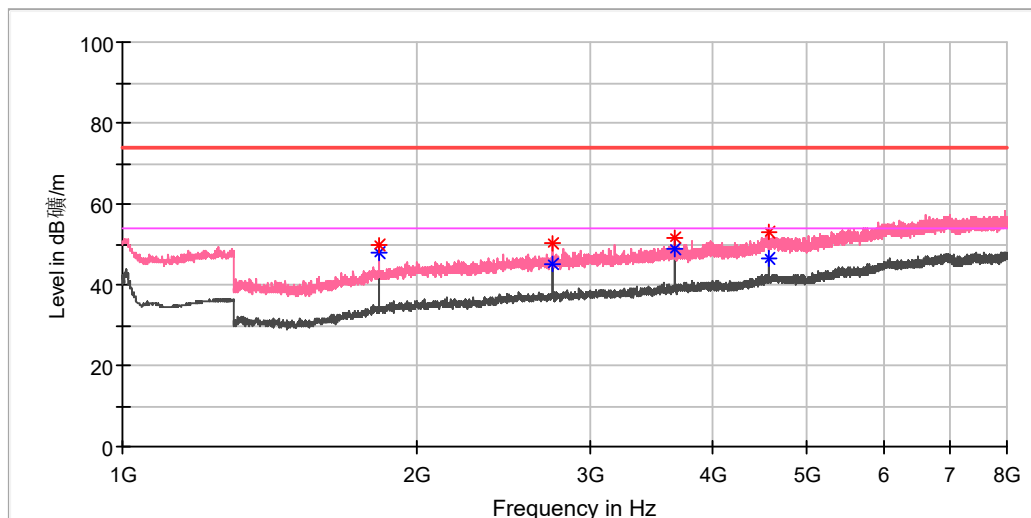
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1829.858333	49.58	---	98.18	48.60	150.0	H	354.0	6.4
1829.858333	---	46.11	88.18	42.07	150.0	H	354.0	6.4
2744.408333	52.90	---	74.00	21.10	150.0	H	139.0	9.3
2744.408333	---	49.98	54.00	4.02	150.0	H	139.0	9.3
3659.516667	55.24	---	74.00	18.76	150.0	H	258.0	10.9
4574.625000	---	49.90	54.00	4.10	150.0	H	277.0	13.5
4574.625000	54.23	---	74.00	19.77	150.0	H	277.0	13.5

Final_Result

Frequency (MHz)	QuasiPeak (dBμV/m)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
3659.795000	---	51.84	54.00	2.16	150.0	H	258.0	10.9

EUT Information

EUT Name:	Wisblock Wireless
Model:	RAK13302
Test Mode:	FHSS 125K_SF10_914.9MHz
Order No/Sample No:	27219487/A004314138-002
Test Voltage:	Battery
Remark:	Temp 23.8°C Humi:57%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

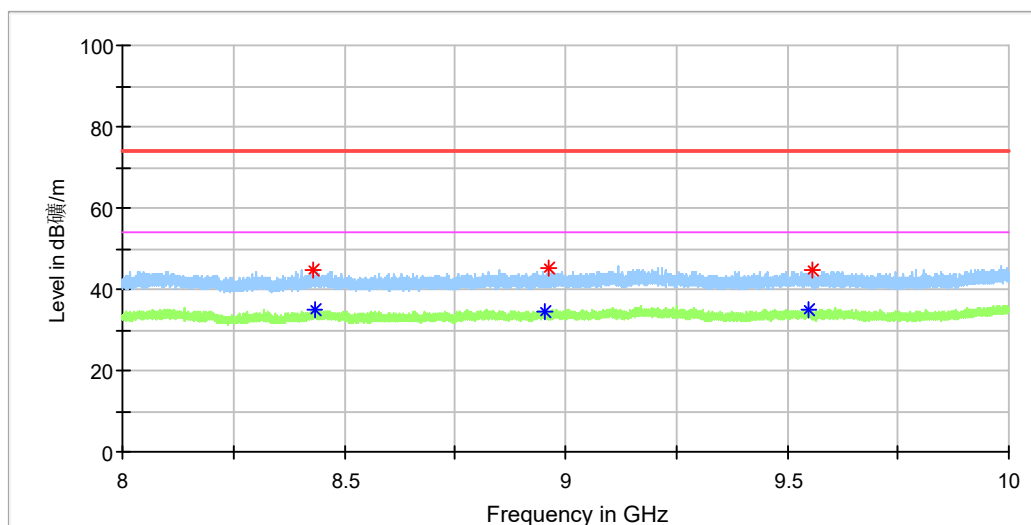
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1829.858333	49.88	---	103.50	53.62	150.0	V	3.0	6.4
1829.858333	---	47.82	93.50	45.68	150.0	V	3.0	6.4
2744.408333	50.08	---	74.00	23.92	150.0	V	77.0	9.3
2744.408333	---	45.05	54.00	8.95	150.0	V	77.0	9.3
3659.516667	51.62	---	74.00	22.38	150.0	V	186.0	10.9
3659.516667	---	49.03	54.00	4.97	150.0	V	186.0	10.9
4574.066667	52.97	---	74.00	21.03	150.0	V	306.0	13.5
4574.625000	---	46.52	54.00	7.48	150.0	V	95.0	13.5

Final Result

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

EUT Information

EUT Name:	Wisblock Wireless
Model:	RAK13302
Test Mode:	FHSS 125K_SF10_914.9MHz
Order No/Sample No:	27219487/A004314138-002
Test Voltage:	Battery
Remark:	Temp 23.8°C Humi:57%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

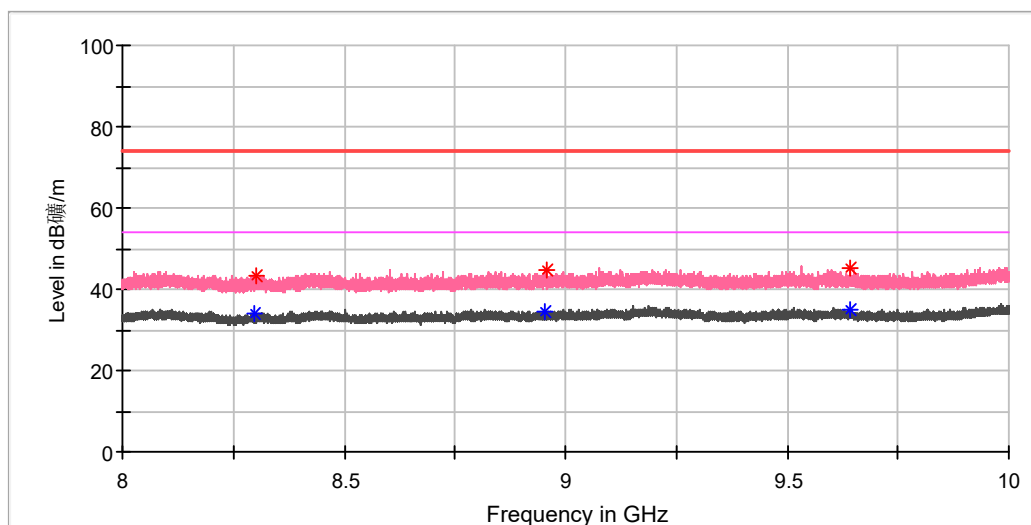
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8428.500000	44.71	---	74.00	29.29	150.0	H	194.0	9.2
8434.000000	---	34.70	54.00	19.30	150.0	H	2.0	9.2
8954.300000	---	34.62	54.00	19.38	150.0	H	165.0	9.4
8960.400000	44.95	---	74.00	29.05	150.0	H	262.0	9.4
9547.400000	---	35.08	54.00	18.92	150.0	H	155.0	10.2
9557.400000	44.47	---	74.00	29.53	150.0	H	194.0	10.2

Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
100.00	100.00	100.00	100.00	100.00	100.00		100.00	100.00

EUT Information

EUT Name:	Wisblock Wireless
Model:	RAK13302
Test Mode:	FHSS 125K_SF10_914.9MHz
Order No/Sample No:	27219487/A004314138-002
Test Voltage:	Battery
Remark:	Temp 23.8°C Humi:57%
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)
8299.100000	---	34.18	54.00	19.82	150.0	V	355.0	8.7
8301.700000	43.46	---	74.00	30.54	150.0	V	0.0	8.7
8954.100000	---	34.31	54.00	19.69	150.0	V	177.0	9.4
8956.200000	44.52	---	74.00	29.48	150.0	V	253.0	9.4
9641.700000	44.92	---	74.00	29.08	150.0	V	205.0	10.4
9643.300000	---	34.96	54.00	19.04	150.0	V	83.0	10.4

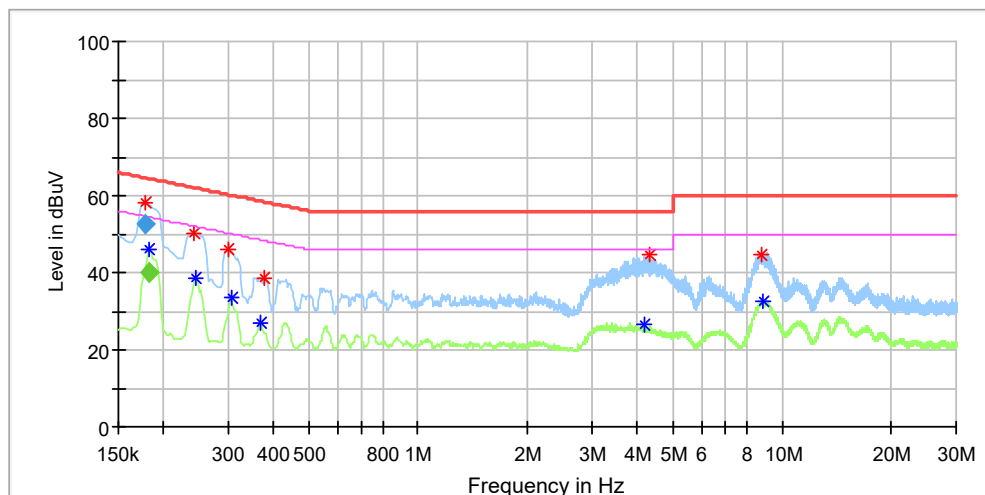
Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
100.00	100.00	100.00	100.00	100.00	100.00		100.00	100.00

Appendix A.6: Test Results of Conducted Emission on AC Mains

EUT Information

EUT Name: Wisblock Wireless
Model: RAK13302
Sample No: A004314138-002
Test Mode: Normal Link
Test Voltage: AC 120V/60Hz
Remark: Temp:24.4 ; Humi:50%
Test standard: FCC PART 15B
Tested By: Charron Chen
Reviewed by: Charlie Zha



Critical Freqs

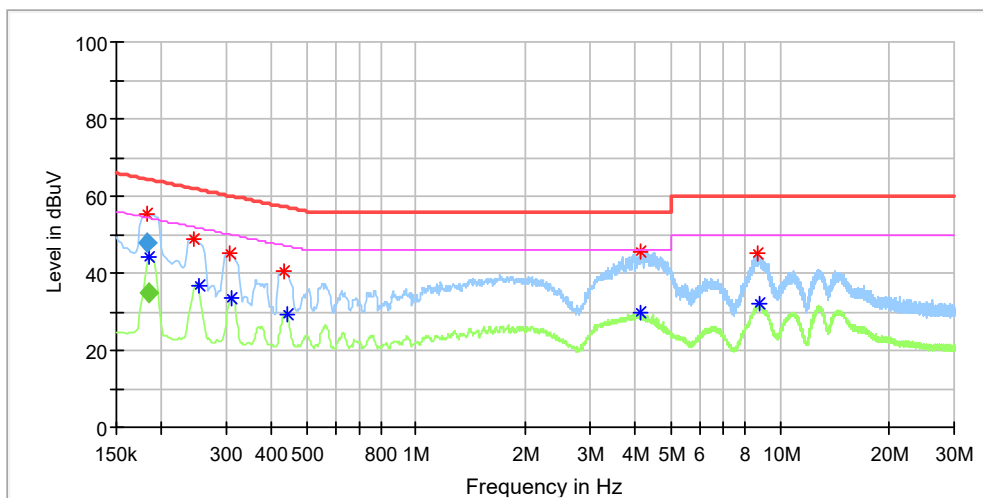
Frequency (MHz)	MaxPeak (dBuV)	Average (dBuV)	Limit (dBuV)	Margin (dB)	Line	Corr. (dB)
0.177	58.3	---	64.61	6.28	L1	9.7
0.182	---	46.2	54.38	8.15	L1	9.7
0.242	50.3	---	62.03	11.77	L1	9.7
0.245	---	38.7	51.94	13.27	L1	9.7
0.299	45.9	---	60.26	14.38	L1	9.6
0.307	---	33.5	50.06	16.57	L1	9.6
0.369	---	27.1	48.53	21.44	L1	9.5
0.379	38.7	---	58.31	19.58	L1	9.5
4.187	---	26.3	46.00	19.68	L1	9.7
4.339	44.7	---	56.00	11.33	L1	9.7
8.769	44.7	---	60.00	15.28	L1	9.9
8.819	---	32.6	50.00	17.44	L1	9.9

Final Result

Frequency (MHz)	QuasiPeak (dBuV)	Average (dBuV)	Limit (dBuV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.177	52.5	---	64.61	12.15	1000.0	9.0	L1	9.7
0.182	---	40.0	54.38	14.38	1000.0	9.0	L1	9.7

EUT Information

EUT Name: Wisblock Wireless
Model: RAK13302
Sample No: A004314138-002
Test Mode: Normal Link
Test Voltage: AC 120V/60Hz
Remark: Temp:24.4 ; Humi:50%
Test standard: FCC PART 15B
Tested By: Charron Chen
Reviewed by: Charlie Zha



Critical Freqs

Frequency (MHz)	MaxPeak (dBuV)	Average (dBuV)	Limit (dBuV)	Margin (dB)	Line	Corr. (dB)
0.182	55.4	---	64.38	8.93	N	9.9
0.185	---	44.3	54.27	10.01	N	9.9
0.245	49.0	---	61.94	12.90	N	9.9
0.252	---	36.9	51.69	14.82	N	9.9
0.309	45.2	---	59.99	14.81	N	9.9
0.312	---	33.3	49.93	16.60	N	9.9
0.434	40.5	---	57.18	16.73	N	9.9
0.441	---	29.4	47.04	17.61	N	9.9
4.125	45.5	---	56.00	10.54	N	9.7
4.142	---	29.7	46.00	16.32	N	9.7
8.665	45.0	---	60.00	14.95	N	9.8
8.782	---	31.9	50.00	18.09	N	9.8

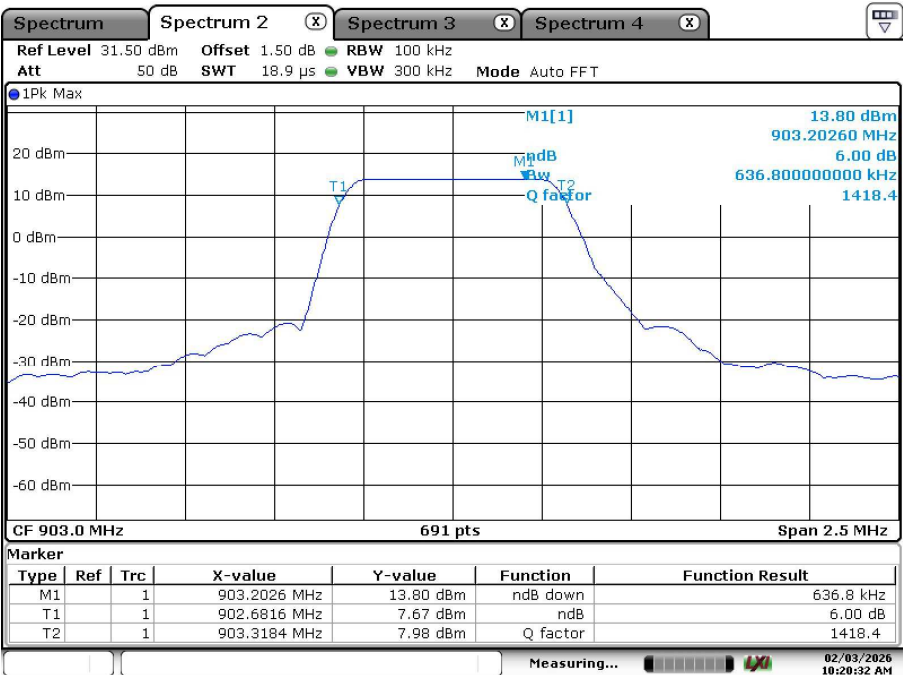
Final Result

Frequency (MHz)	QuasiPeak (dBuV)	Average (dBuV)	Limit (dBuV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.182	47.8	---	64.38	16.55	1000.0	9.0	N	9.9
0.185	---	34.8	54.27	19.51	1000.0	9.0	N	9.9

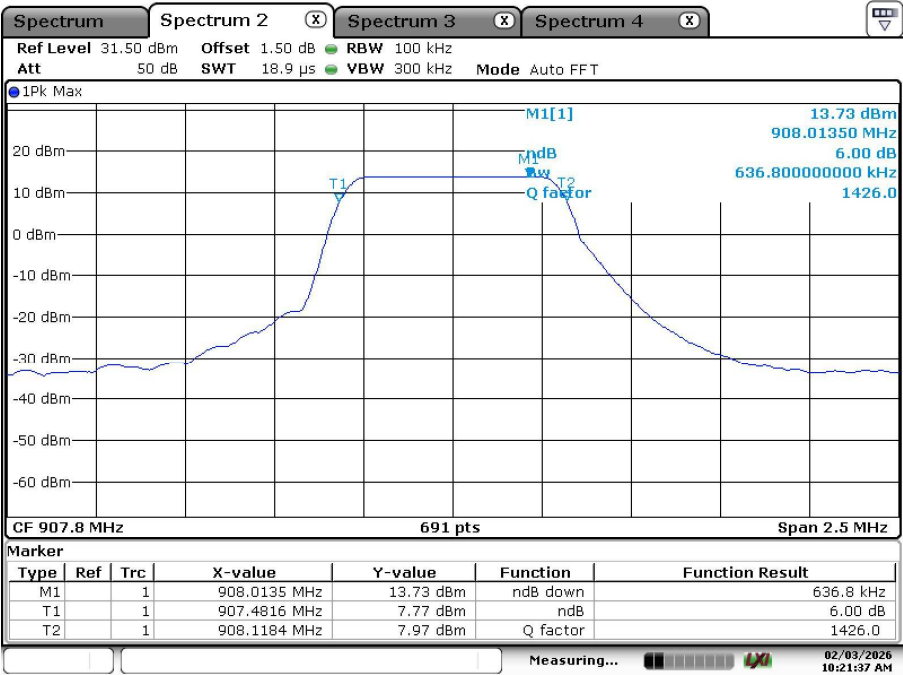
Appendix B: Test Results of LoRa DTS

APPENDIX B: TEST RESULTS OF LORA DTS	1
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APPENDIX B.3: TEST RESULTS OF CONDUCTED POWER SPECTRAL DENSITY	6
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30 MHz - 1GHz for PCB ANT	12
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1GHz - 10GHz for PCB ANT	24
1GHz - 10GHz for Dipole ANT	36
APPENDIX B.6: TEST RESULTS OF CONDUCTED EMISSION ON AC MAINS.....	48

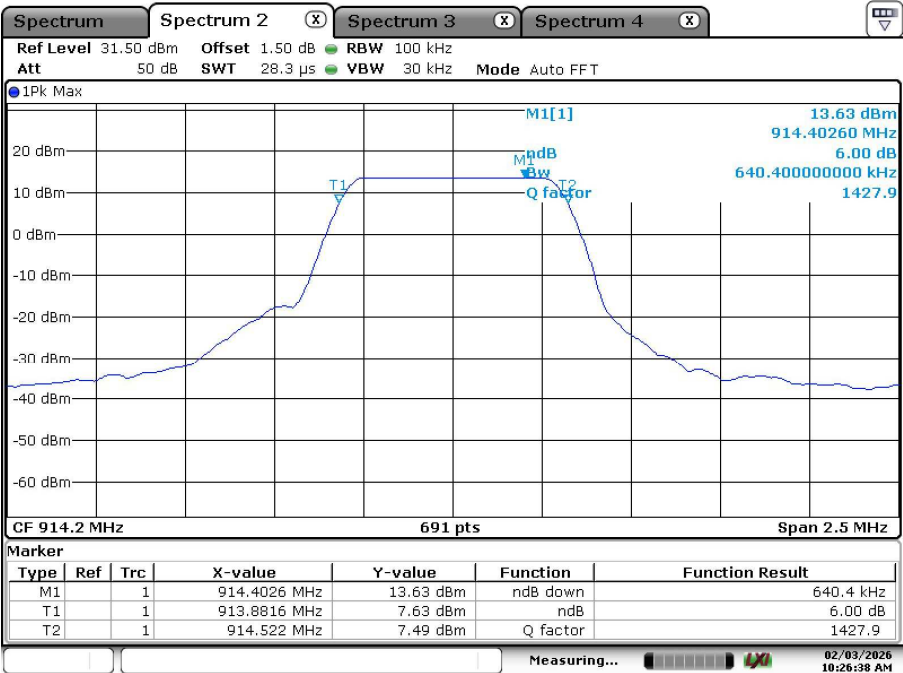
Appendix B.1: Test Results of 6dB Bandwidth



Date: 3.FEB.2026 10:20:32

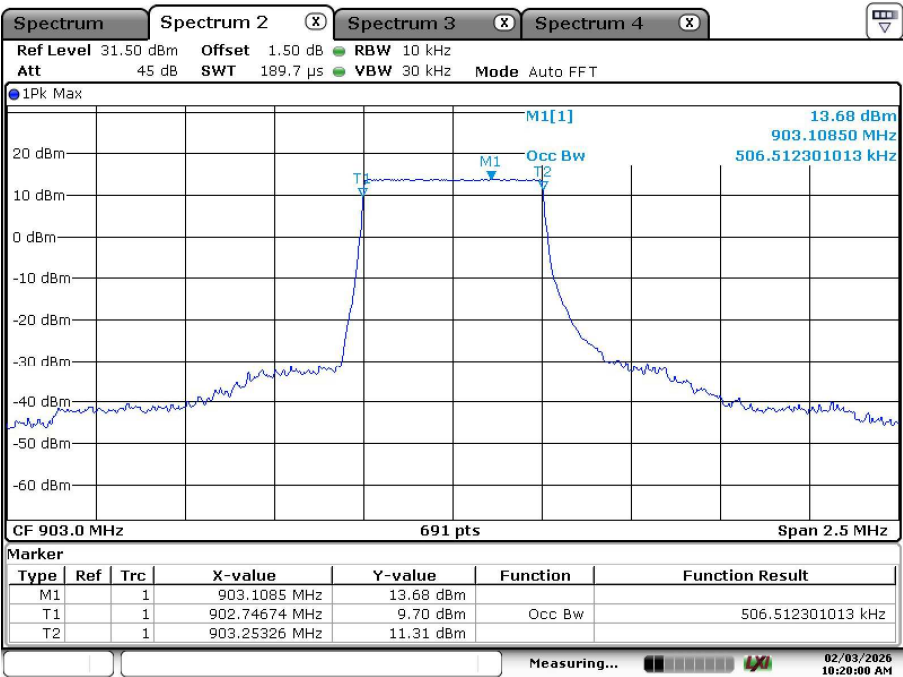


Date: 3.FEB.2026 10:21:37

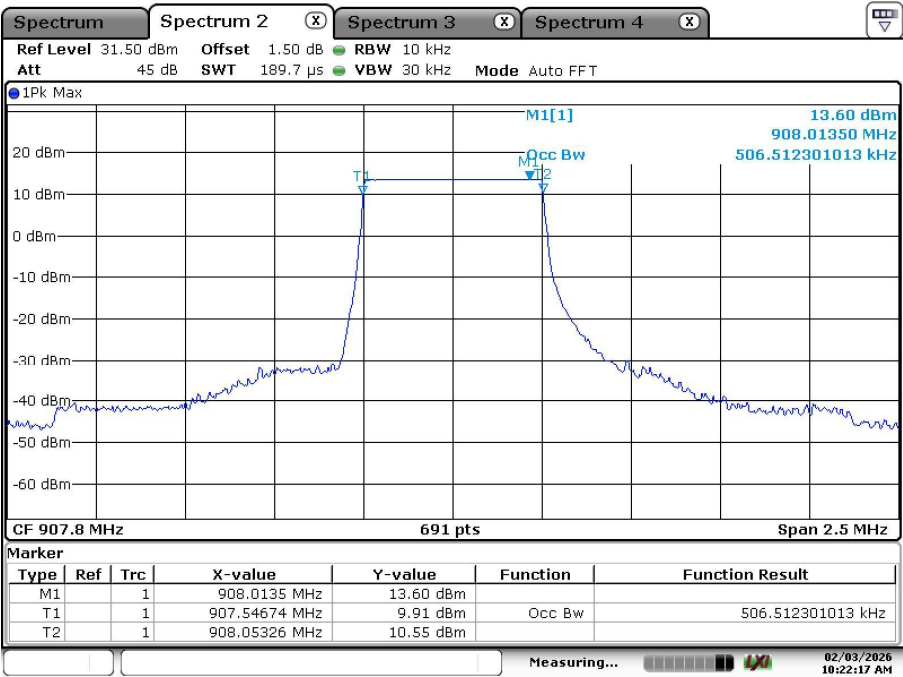


Date: 3.FEB.2026 10:26:37

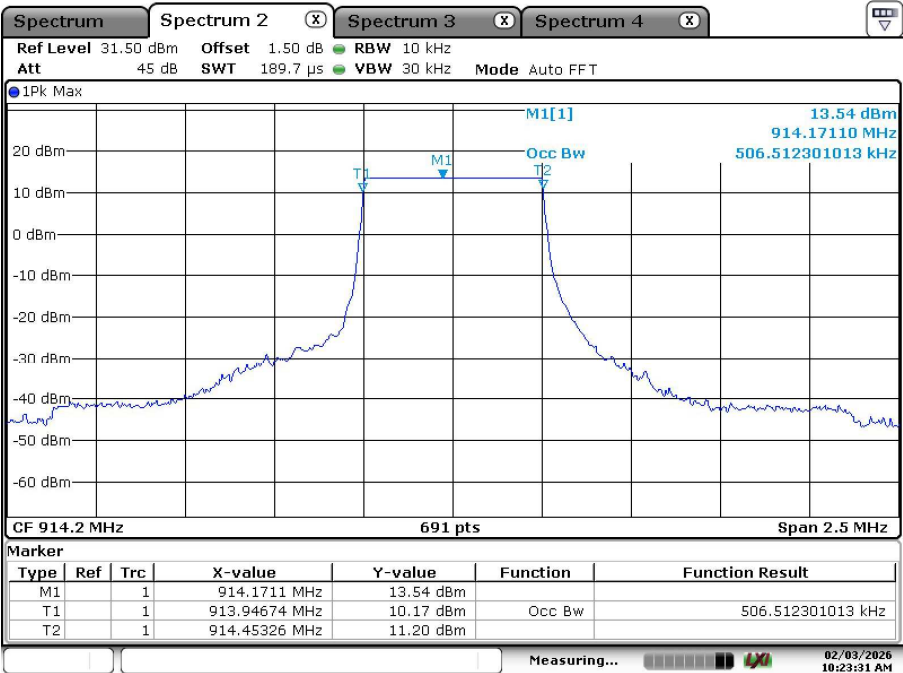
Appendix B.2: Test Results of 99% Bandwidth



Date: 3.FEB.2026 10:19:59

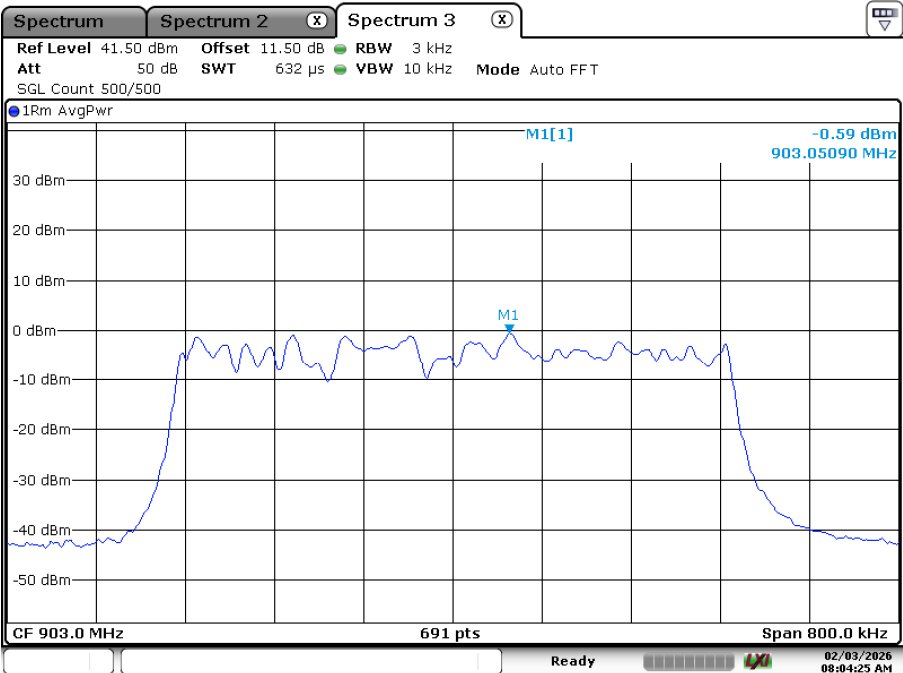


Date: 3.FEB.2026 10:22:17

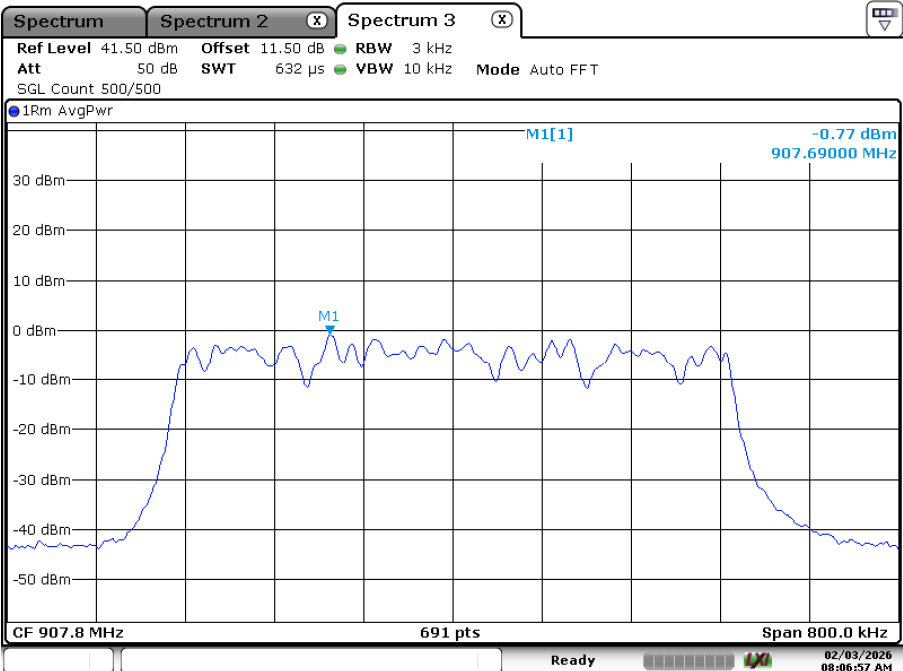


Date: 3.FEB.2026 10:23:31

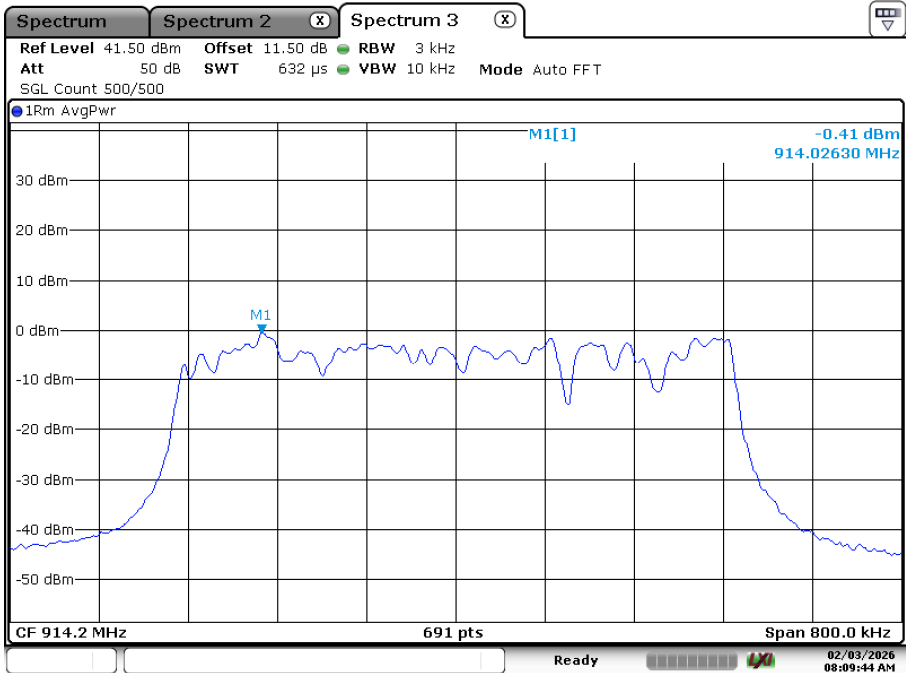
Appendix B.3: Test Results of Conducted Power Spectral Density



Date: 3.FEB.2026 08:04:25

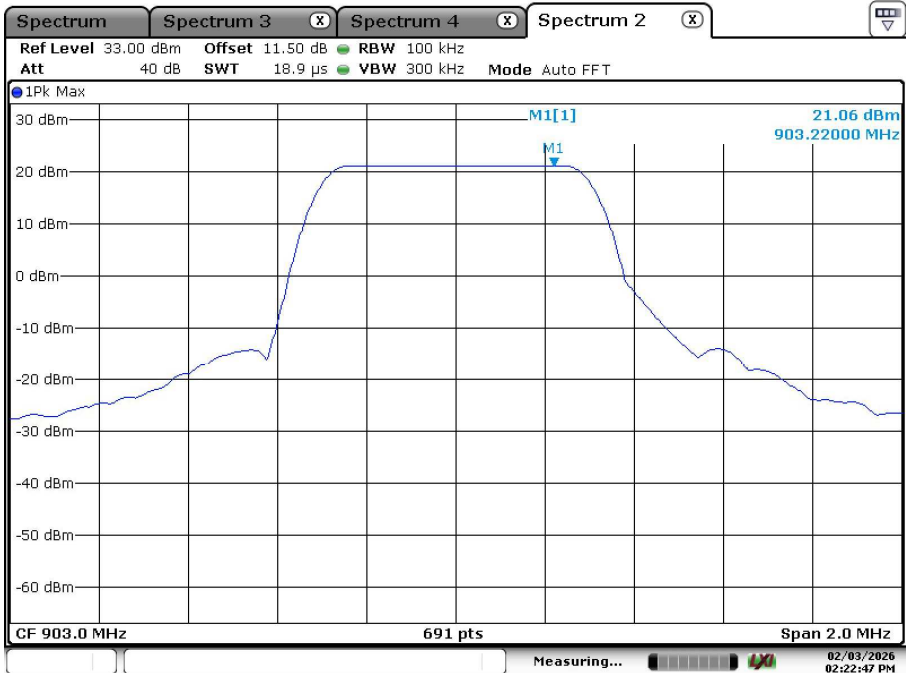


Date: 3.FEB.2026 08:06:57

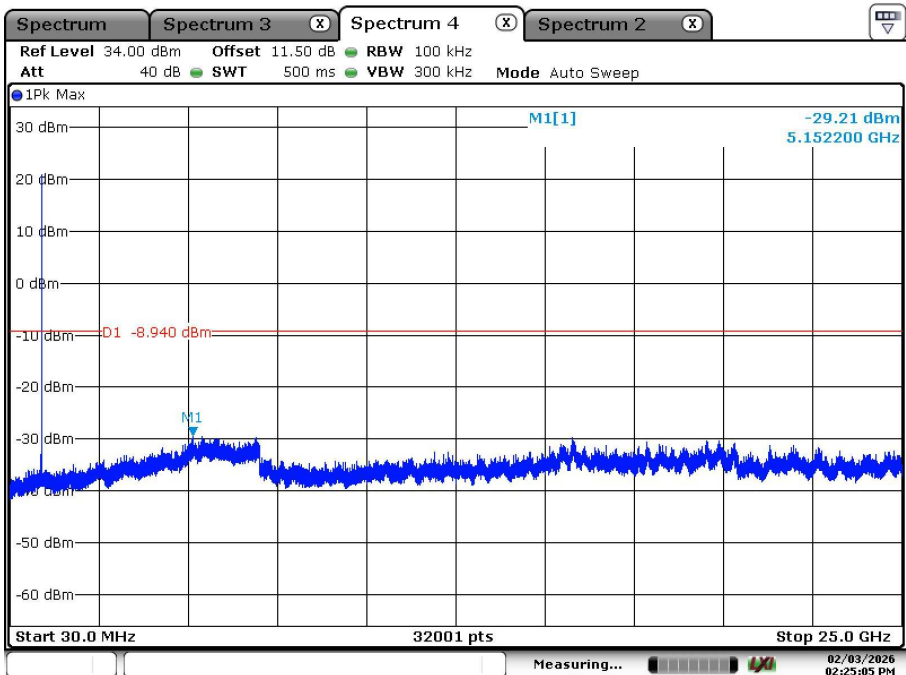


Date: 3.FEB.2026 08:09:44

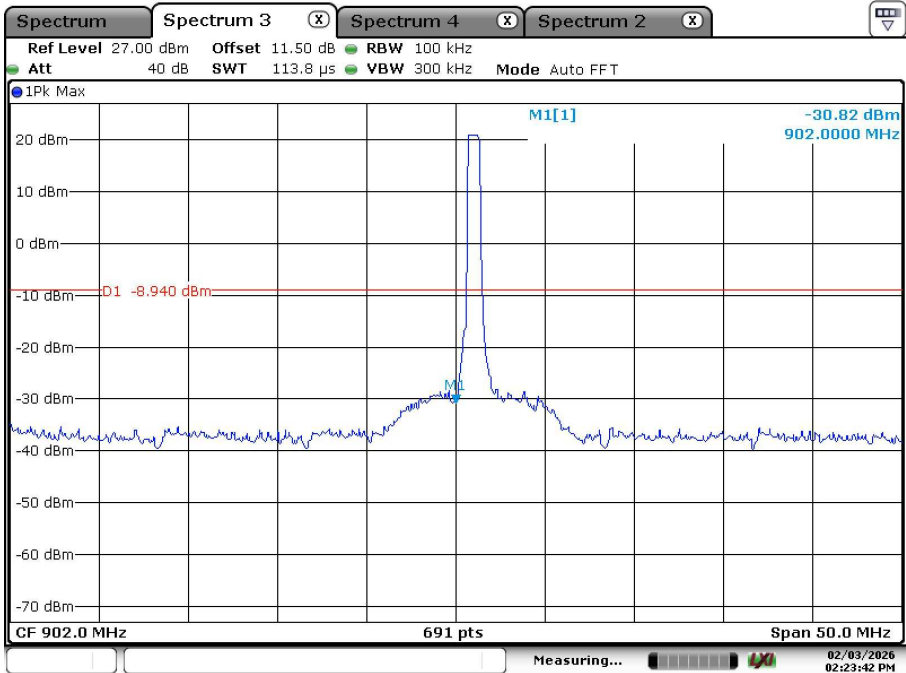
Appendix B.4: Test Results of Conducted Spurious Emission



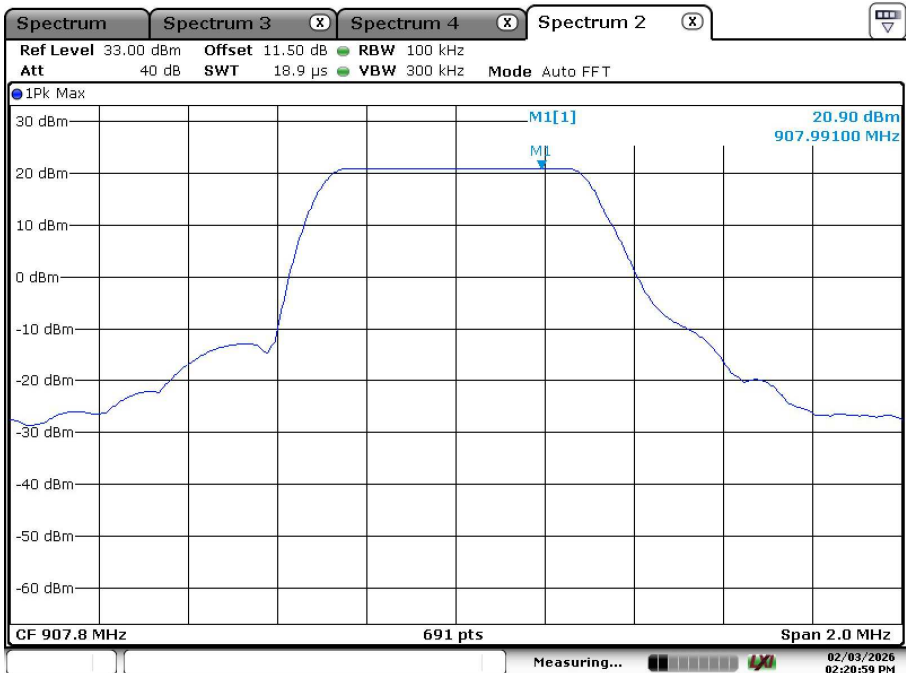
Date: 3.FEB.2026 14:22:47



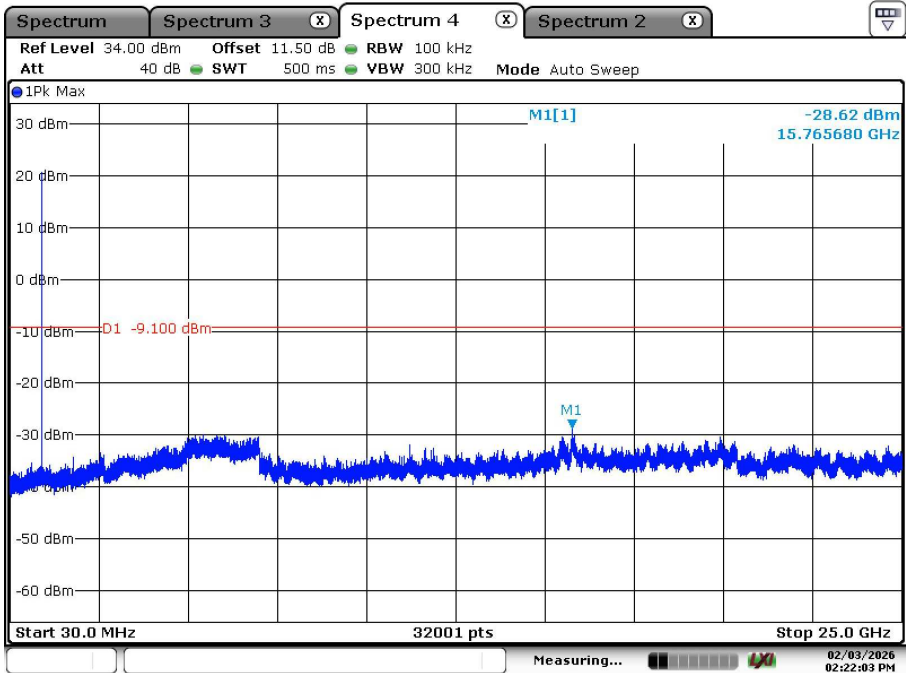
Date: 3.FEB.2026 14:25:05



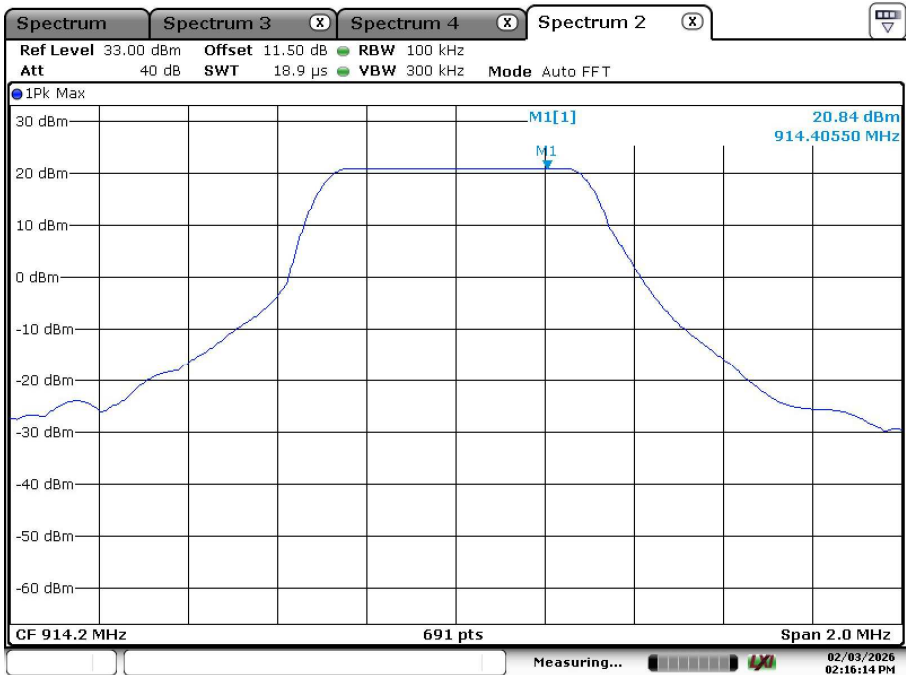
Date: 3.FEB.2026 14:23:42



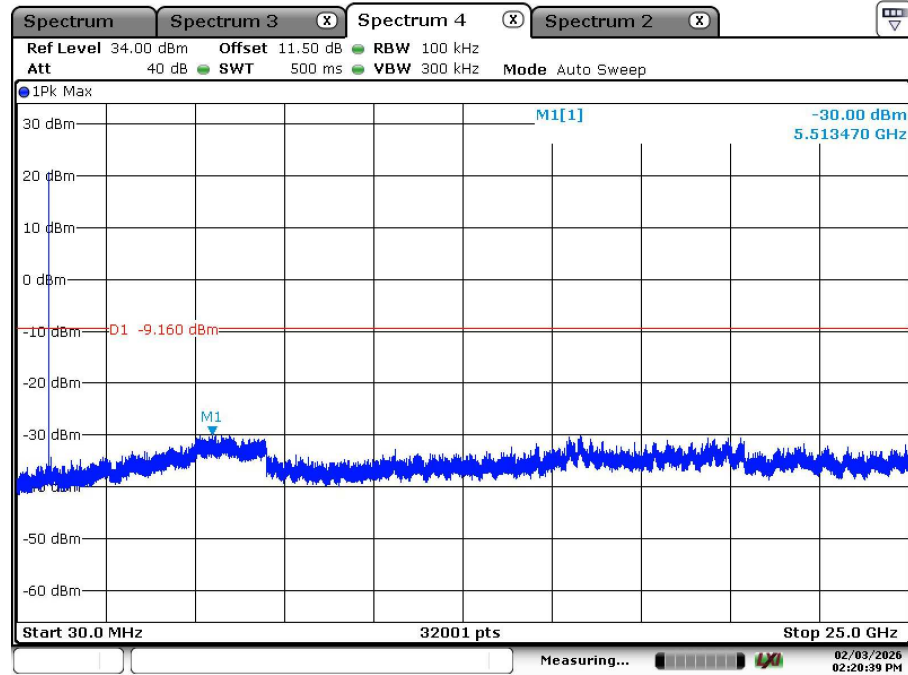
Date: 3.FEB.2026 14:20:59



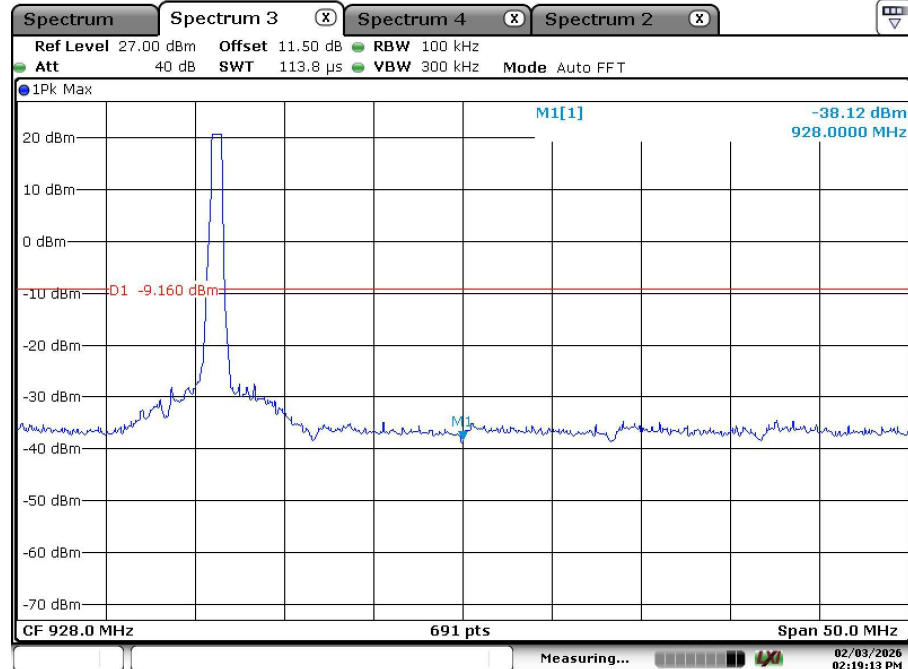
Date: 3.FEB.2026 14:22:03



Date: 3.FEB.2026 14:16:14



Date: 3.FEB.2026 14:20:39



Date: 3.FEB.2026 14:19:13

Appendix B.5: Test Results of Radiated Spurious Emissions

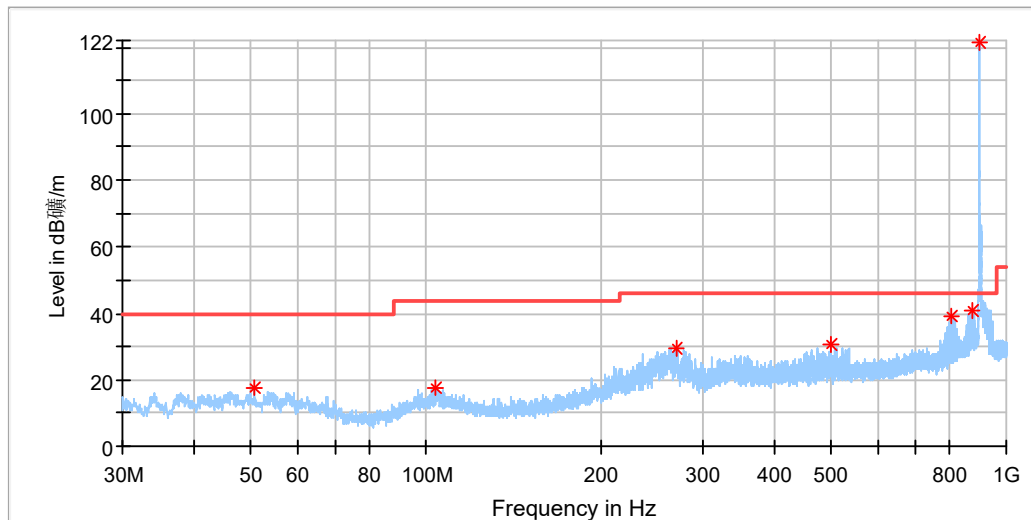
Note:

- 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 were greater than 20dB below the limit, so only the radiated spurious emissions from 30MHz to 10GHz were reported.

30 MHz - 1GHz for PCB ANT

EUT Information

EUT Name: Wisblock Wireless
Model: RAK13302
Test Mode: Lora_DTS 500K_SF8_903MHz
Order No/Sample No: 27219487/A004314138-002
Test Voltage: Battery
Remark: Temp 23.8°C Humi:57%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

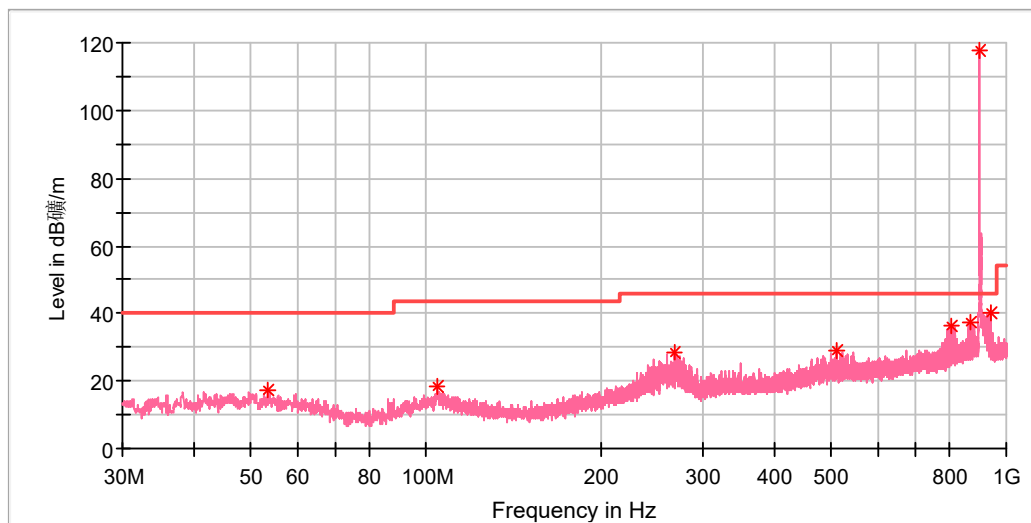
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
50.747222	17.50	40.00	22.50	100.0	H	190.0	-18.4
104.097222	17.64	43.50	25.86	100.0	H	100.0	-18.9
270.075000	29.32	46.00	16.68	100.0	H	282.0	-17.0
498.563889	30.43	46.00	15.57	100.0	H	130.0	-11.9
805.137778	39.30	46.00	6.70	100.0	H	236.0	-6.1
871.151667	40.82	46.00	5.18	100.0	H	61.0	-5.2
903.215556	121.59	---	---	100.0	H	168.0	-4.8

Final_Result

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

EUT Information

EUT Name: Wisblock Wireless
Model: RAK13302
Test Mode: Lora_DTS 500K_SF8_903MHz
Order No/Sample No: 27219487/A004314138-002
Test Voltage: Battery
Remark: Temp 23.8°C Humi:57%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

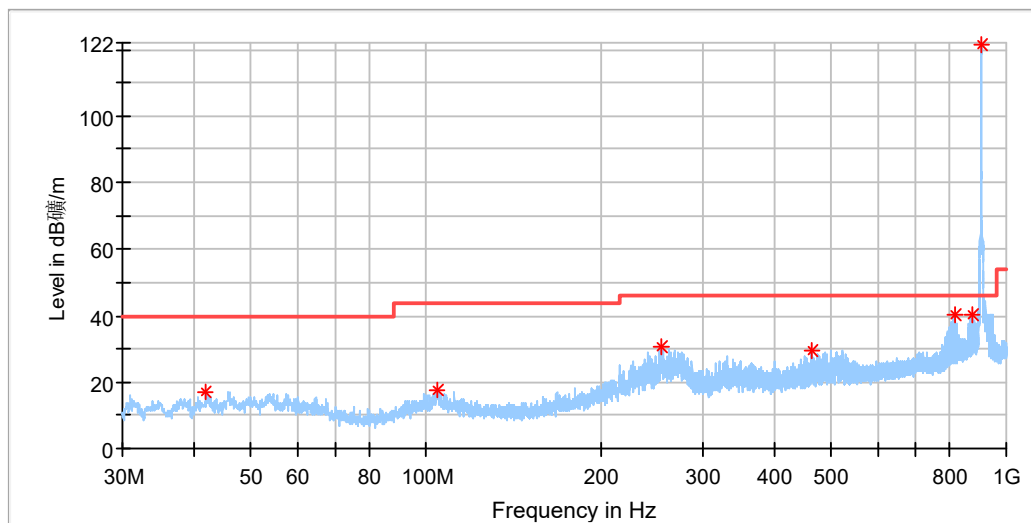
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
53.495556	17.11	40.00	22.89	100.0	V	63.0	-18.5
104.743889	18.63	43.50	24.87	100.0	V	63.0	-18.9
267.596111	28.73	46.00	17.27	100.0	V	123.0	-17.0
511.227778	29.18	46.00	16.82	100.0	V	46.0	-11.7
804.976111	36.30	46.00	9.70	100.0	V	334.0	-6.1
868.942222	37.12	46.00	8.88	100.0	V	117.0	-5.2
902.838333	117.58	---	---	100.0	V	258.0	-4.8
940.398889	39.96	46.00	6.04	100.0	V	327.0	-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: Wisblock Wireless
Model: RAK13302
Test Mode: Lora_DTS 500K_SF8_907.8MHz
Order No/Sample No: 27219487/A004314138-002
Test Voltage: Battery
Remark: Temp 23.8°C Humi:57%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

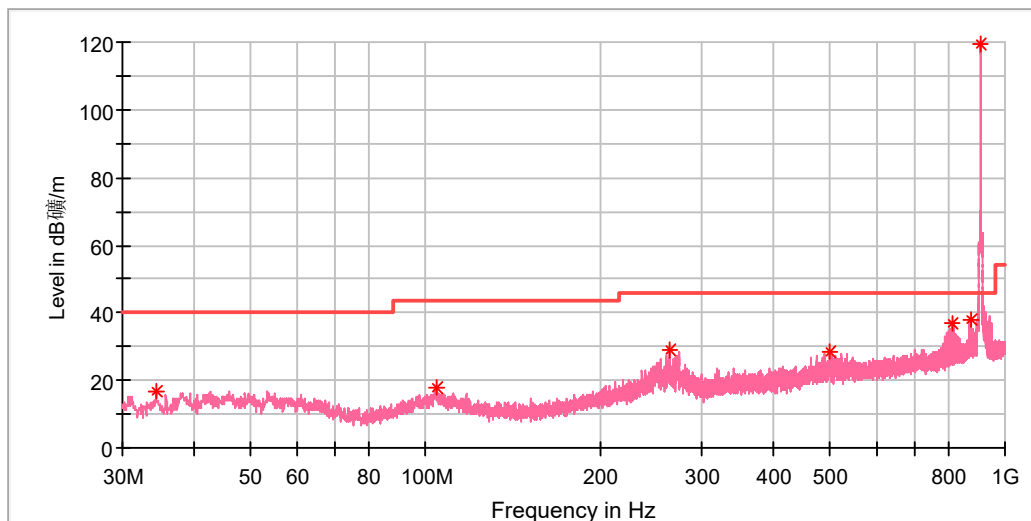
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
41.801667	16.91	40.00	23.09	100.0	H	126.0	-19.7
104.797778	17.61	43.50	25.89	100.0	H	308.0	-18.9
255.363333	30.67	46.00	15.33	100.0	H	74.0	-17.2
462.404444	29.71	46.00	16.29	100.0	H	140.0	-12.5
816.238889	40.26	46.00	5.74	100.0	H	243.0	-5.9
872.822222	40.47	46.00	5.53	100.0	H	43.0	-5.1
907.634444	121.49	---	---	100.0	H	164.0	-4.7

Final_Result

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

EUT Information

EUT Name: Wisblock Wireless
Model: RAK13302
Test Mode: Lora_DTS 500K_SF8_907.8MHz
Order No/Sample No: 27219487/A004314138-002
Test Voltage: Battery
Remark: Temp 23.8°C Humi:57%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

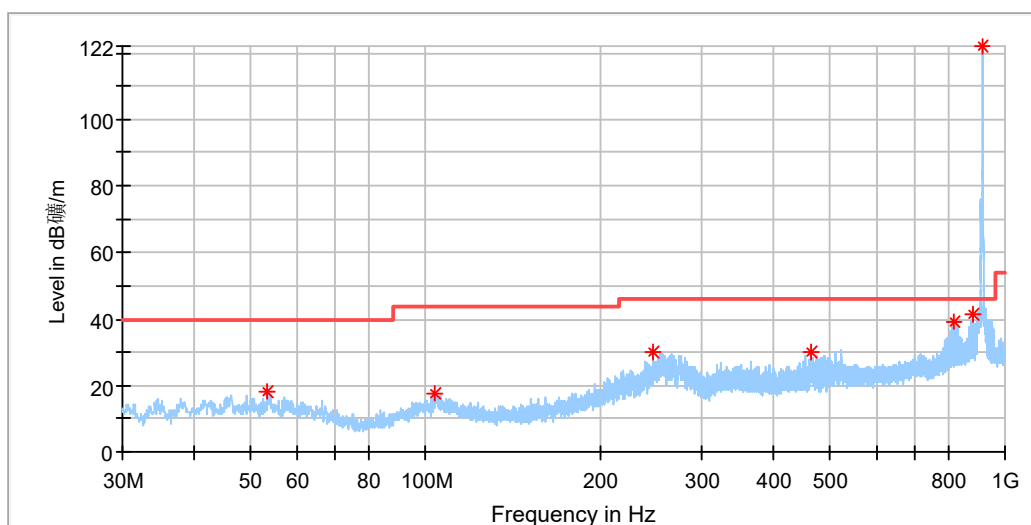
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
34.257222	16.96	40.00	23.04	100.0	V	127.0	-22.2
104.528333	17.74	43.50	25.76	100.0	V	312.0	-18.9
263.662222	28.93	46.00	17.07	100.0	V	111.0	-17.1
499.264444	28.42	46.00	17.58	100.0	V	0.0	-11.9
813.867778	36.84	46.00	9.16	100.0	V	333.0	-5.9
871.636667	37.82	46.00	8.18	100.0	V	271.0	-5.2
907.742222	119.40	---	---	100.0	V	271.0	-4.7

Final_Result

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

EUT Information

EUT Name: Wisblock Wireless
 Model: RAK13302
 Test Mode: Lora_DTS 500K_SF8_914.2MHz
 Order No/Sample No: 27219487/A004314138-002
 Test Voltage: Battery
 Remark: Temp 23.8°C Humi:57%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

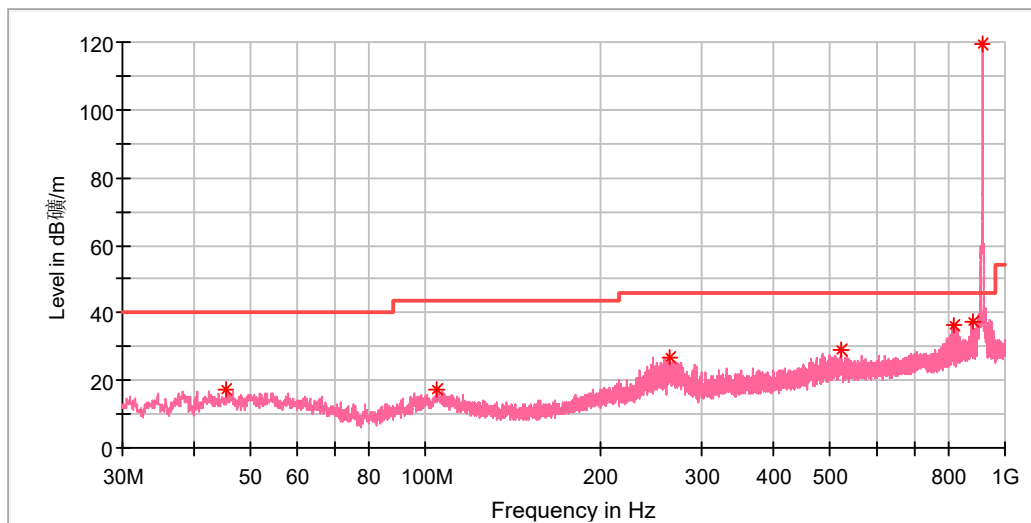
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
53.495556	18.40	40.00	21.60	100.0	H	51.0	-18.5
103.827778	17.37	43.50	26.13	100.0	H	169.0	-18.9
246.471667	30.21	46.00	15.79	100.0	H	92.0	-17.5
461.757778	30.05	46.00	15.95	100.0	H	121.0	-12.5
814.245000	39.40	46.00	6.60	100.0	H	241.0	-5.9
877.887778	41.54	46.00	4.46	100.0	H	175.0	-5.1
914.101111	121.97	---	---	100.0	H	162.0	-4.6

Final_Result

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

EUT Information

EUT Name: Wisblock Wireless
Model: RAK13302
Test Mode: Lora_DTS 500K_SF8_914.2MHz
Order No/Sample No: 27219487/A004314138-002
Test Voltage: Battery
Remark: Temp 23.8°C Humi:57%
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)
45.358333	17.46	40.00	22.54	100.0	V	228.0	-18.9
104.636111	17.46	43.50	26.04	100.0	V	221.0	-18.9
263.931667	27.02	46.00	18.98	100.0	V	117.0	-17.1
521.520556	29.07	46.00	16.93	100.0	V	65.0	-11.4
816.023333	36.17	46.00	9.83	100.0	V	334.0	-5.9
877.995556	37.38	46.00	8.62	100.0	V	132.0	-5.1
914.101111	119.58	---	---	100.0	V	273.0	-4.6

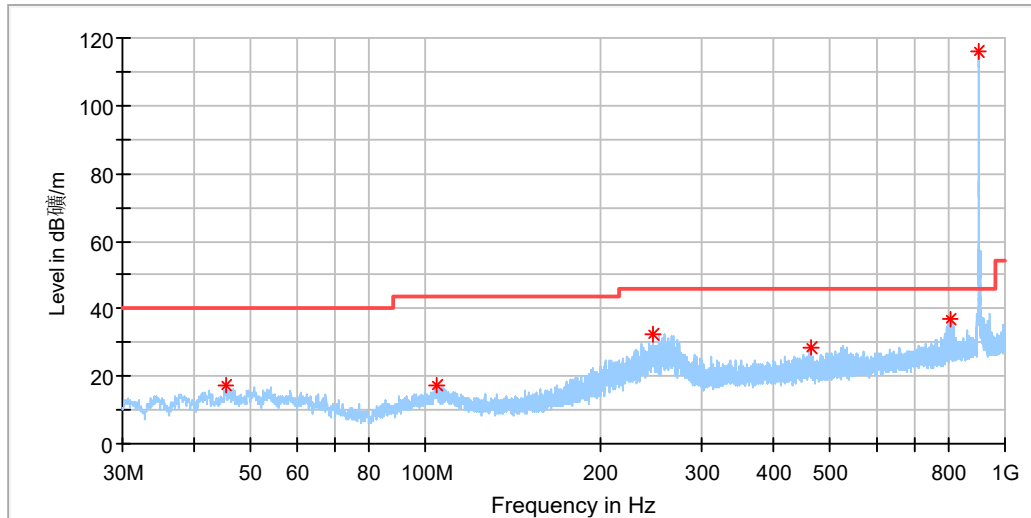
Final_Result

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

30 MHz - 1GHz for Dipole ANT

EUT Information

EUT Name: Wisblock Wireless
Model: RAK13302
Test Mode: Lora_DTS 500K_SF8_903MHz
Order No/Sample No: 27219487/A004314138-002
Test Voltage: Battery
Remark: Temp 23.8°C Humi:57%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

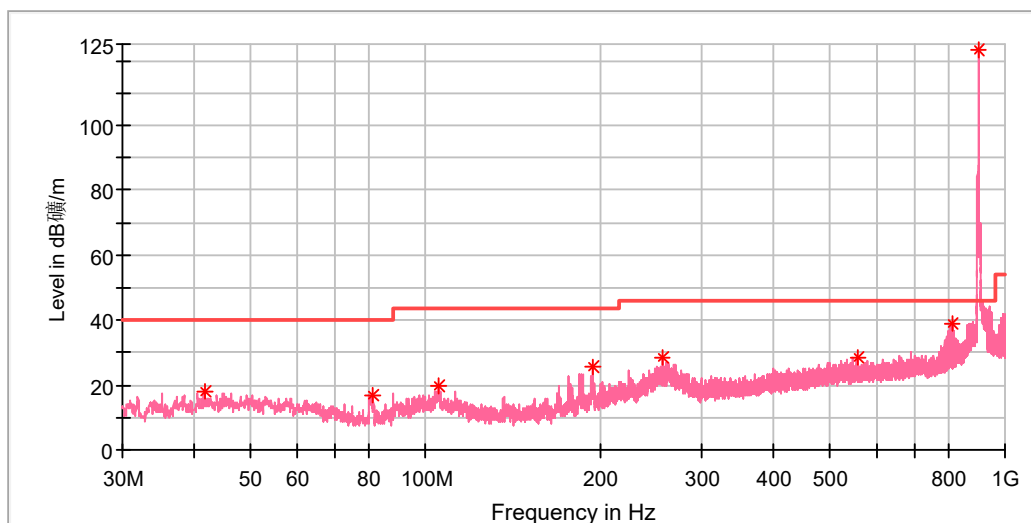
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
45.250556	17.37	40.00	22.63	100.0	H	0.0	-18.9
104.258889	17.05	43.50	26.45	100.0	H	357.0	-18.9
247.441667	32.64	46.00	13.36	100.0	H	268.0	-17.4
462.458333	28.47	46.00	17.53	100.0	H	123.0	-12.5
804.060000	36.66	46.00	9.34	100.0	H	130.0	-6.1
903.161667	116.00	---	---	100.0	H	130.0	-4.8

Final Result

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

EUT Information

EUT Name: Wisblock Wireless
Model: RAK13302
Test Mode: Lora_DTS 500K_SF8_903MHz
Order No/Sample No: 27219487/A004314138-002
Test Voltage: Battery
Remark: Temp 23.8°C Humi:57%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

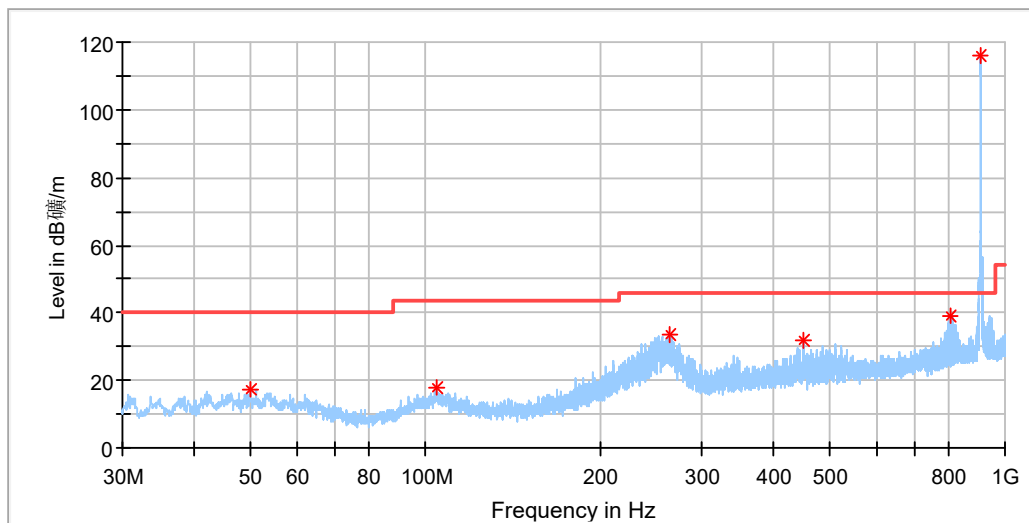
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
41.532222	18.20	40.00	21.80	100.0	V	192.0	-19.8
81.086667	17.08	40.00	22.92	100.0	V	315.0	-23.3
105.121111	20.04	43.50	23.46	100.0	V	5.0	-18.9
194.846111	25.55	43.50	17.95	100.0	V	232.0	-19.3
256.710556	28.22	46.00	17.78	100.0	V	99.0	-17.2
559.081111	28.54	46.00	17.46	100.0	V	52.0	-10.6
808.371111	38.72	46.00	7.28	100.0	V	5.0	-6.0
903.161667	122.98	---	---	100.0	V	337.0	-4.8

Final_Result

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

EUT Information

EUT Name: Wisblock Wireless
Model: RAK13302
Test Mode: Lora_DTS 500K_SF8_907.8MHz
Order No/Sample No: 27219487/A004314138-002
Test Voltage: Battery
Remark: Temp 23.8°C Humi:57%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

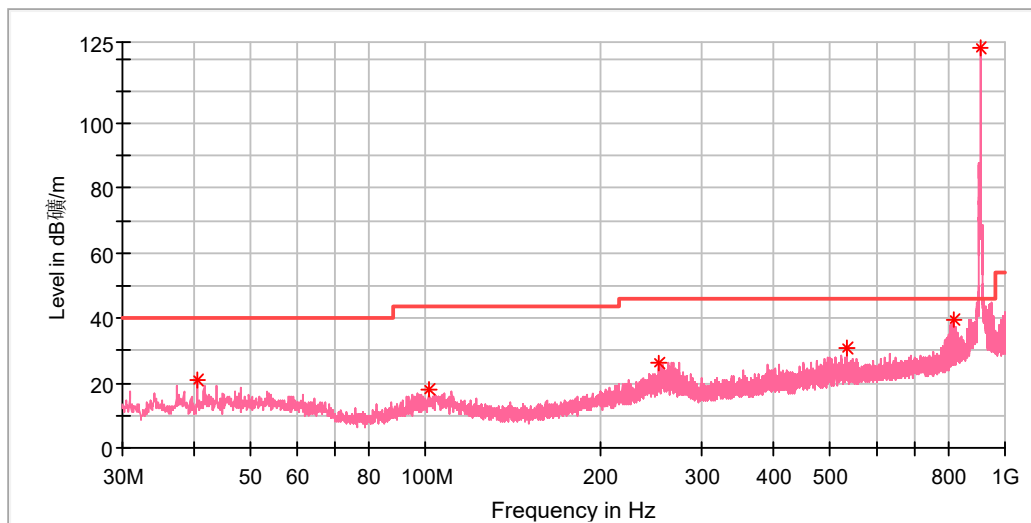
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
49.831111	17.42	40.00	22.58	100.0	H	29.0	-18.4
104.743889	17.66	43.50	25.84	100.0	H	272.0	-18.9
264.955556	33.37	46.00	12.63	100.0	H	263.0	-17.0
450.225556	31.84	46.00	14.16	100.0	H	121.0	-12.8
807.616667	38.92	46.00	7.08	100.0	H	146.0	-6.0
908.011667	116.16	---	---	100.0	H	138.0	-4.7

Final_Result

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

EUT Information

EUT Name: Wisblock Wireless
Model: RAK13302
Test Mode: Lora_DTS 500K_SF8_907.8MHz
Order No/Sample No: 27219487/A004314138-002
Test Voltage: Battery
Remark: Temp 23.8°C Humi:57%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

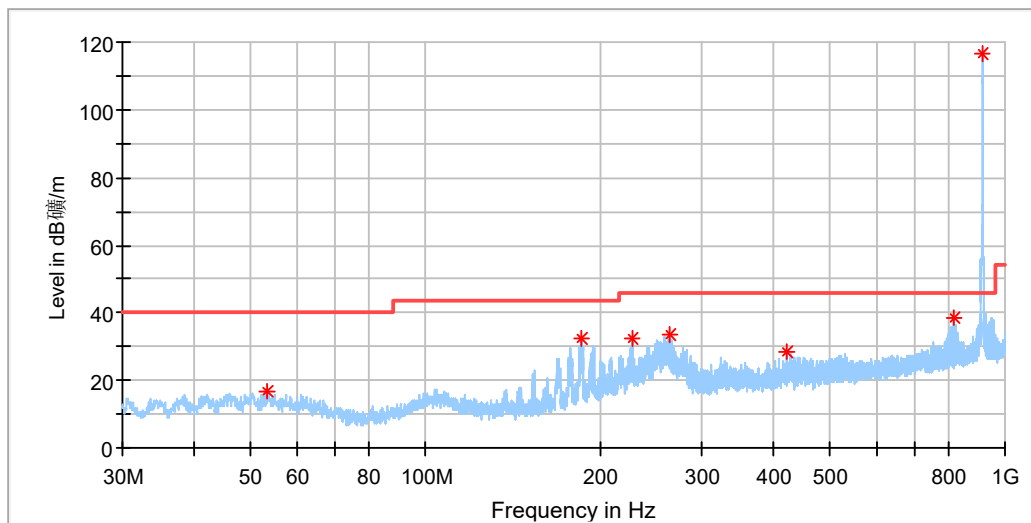
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
40.508333	21.15	40.00	18.85	100.0	V	136.0	-20.1
101.780000	18.09	43.50	25.41	100.0	V	40.0	-19.0
251.860556	26.27	46.00	19.73	100.0	V	81.0	-17.3
534.238333	30.97	46.00	15.03	100.0	V	114.0	-11.1
817.208889	39.55	46.00	6.45	100.0	V	351.0	-5.8
907.796111	123.19	---	---	100.0	V	343.0	-4.7

Final_Result

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

EUT Information

EUT Name: Wisblock Wireless
Model: RAK13302
Test Mode: Lora_DTS 500K_SF8_914.2MHz
Order No/Sample No: 27219487/A004314138-002
Test Voltage: Battery
Remark: Temp 23.8°C Humi:57%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

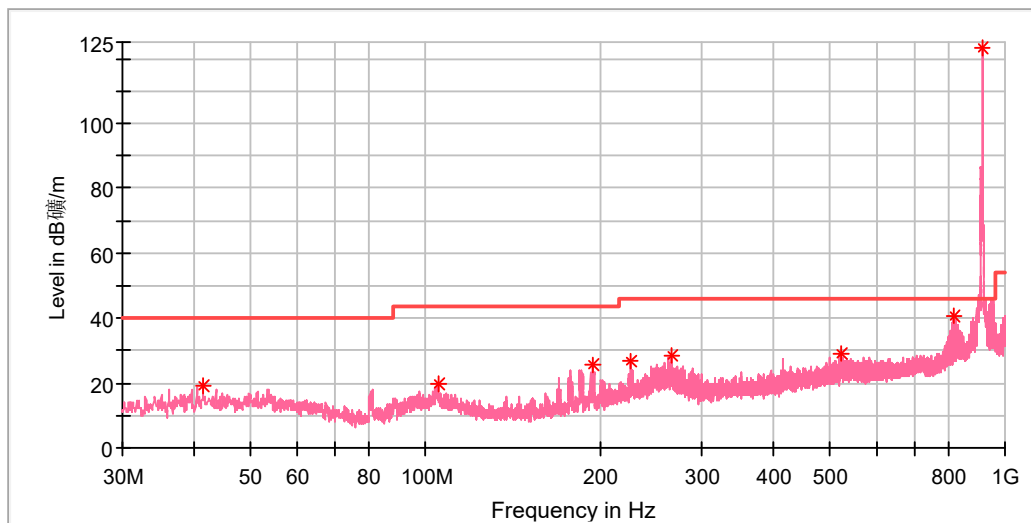
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
53.549444	16.52	40.00	23.48	100.0	H	195.0	-18.5
185.954444	32.18	43.50	11.32	100.0	H	228.0	-20.0
227.395000	32.34	46.00	13.66	100.0	H	269.0	-18.3
263.392778	33.38	46.00	12.62	100.0	H	269.0	-17.1
420.101667	28.44	46.00	17.56	100.0	H	0.0	-13.2
819.526111	38.32	46.00	7.68	100.0	H	142.0	-5.8
914.155000	116.45	---	---	100.0	H	136.0	-4.6

Final_Result

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

EUT Information

EUT Name: Wisblock Wireless
Model: RAK13302
Test Mode: Lora_DTS 500K_SF8_914.2MHz
Order No/Sample No: 27219487/A004314138-002
Test Voltage: Battery
Remark: Temp 23.8°C Humi:57%
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)
41.316667	19.47	40.00	20.53	100.0	V	339.0	-19.8
104.959444	19.53	43.50	23.97	100.0	V	359.0	-18.9
194.361111	25.58	43.50	17.92	100.0	V	227.0	-19.3
226.532778	26.68	46.00	19.32	100.0	V	116.0	-18.3
265.494444	28.42	46.00	17.58	100.0	V	116.0	-17.0
521.574444	29.25	46.00	16.75	100.0	V	0.0	-11.4
817.424444	40.84	46.00	5.16	100.0	V	139.0	-5.8
914.316667	123.07	---	---	100.0	V	347.0	-4.6

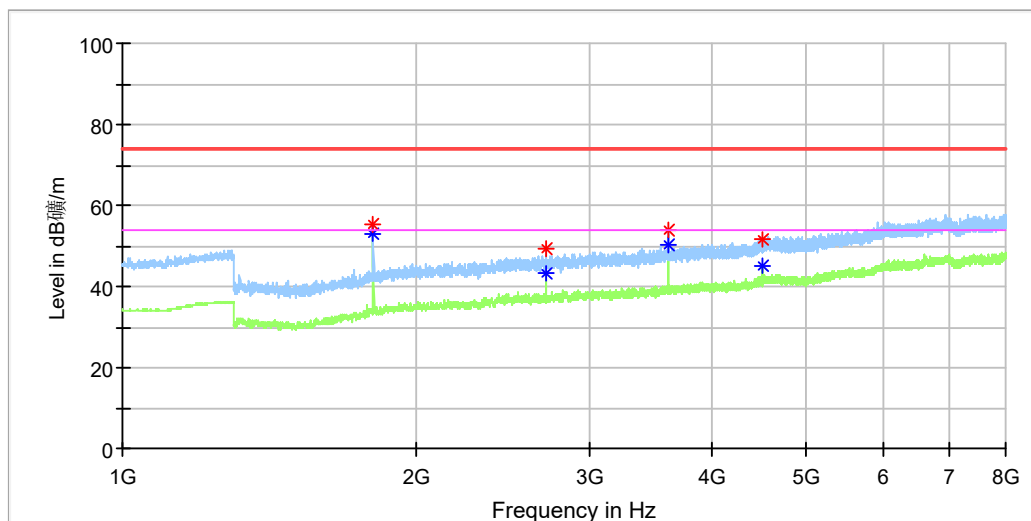
Final_Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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1GHz - 10GHz for PCB ANT

EUT Information

EUT Name:	Wisblock Wireless
Model:	RAK13302
Test Mode:	Lora_DTS 500K_SF8_903MHZ
Order No/Sample No:	27219487/A004314138-002
Test Voltage:	Battery
Remark:	Temp 23.8°C Humi:57%
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)
1805.850000	---	52.94	91.59	38.65	150.0	H	209.0	6.3
1805.850000	55.29	---	101.59	46.30	150.0	H	209.0	6.3
2708.675000	49.24	---	74.00	24.76	150.0	H	118.0	9.1
2709.233333	---	43.44	54.00	10.56	150.0	H	127.0	9.1
3612.058333	---	50.36	54.00	3.64	150.0	H	281.0	10.9
3612.058333	53.76	---	74.00	20.25	150.0	H	281.0	10.9
4514.883333	51.85	---	74.00	22.15	150.0	H	281.0	13.1
4514.883333	---	45.31	54.00	8.69	150.0	H	281.0	13.1

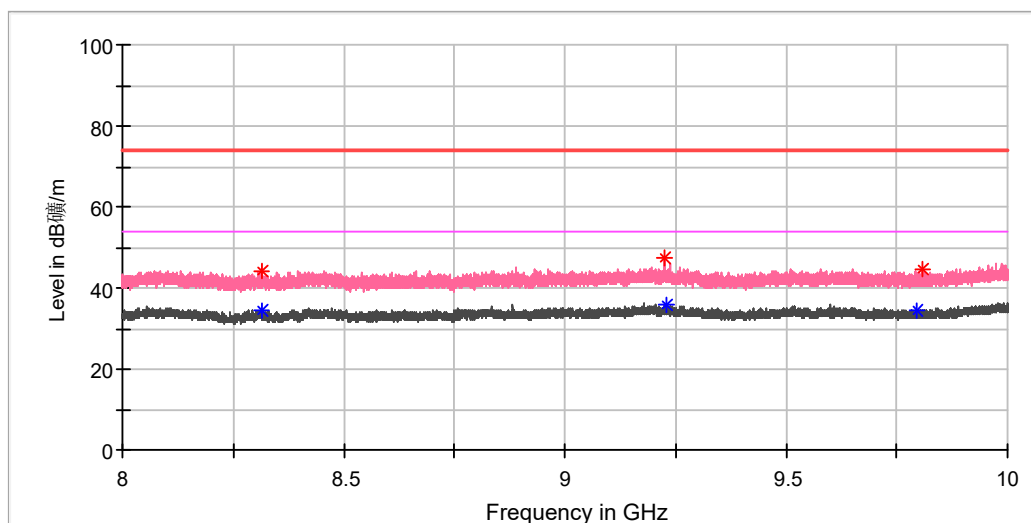
Final Result

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

EUT Name:	Wisblock Wireless
Model:	RAK13302
Test Mode:	Lora_DTS 500K_SF8_903MHZ
Order No/Sample No:	27219487/A004314138-002
Test Voltage:	Battery
Remark:	Temp 23.8°C Humi:57%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

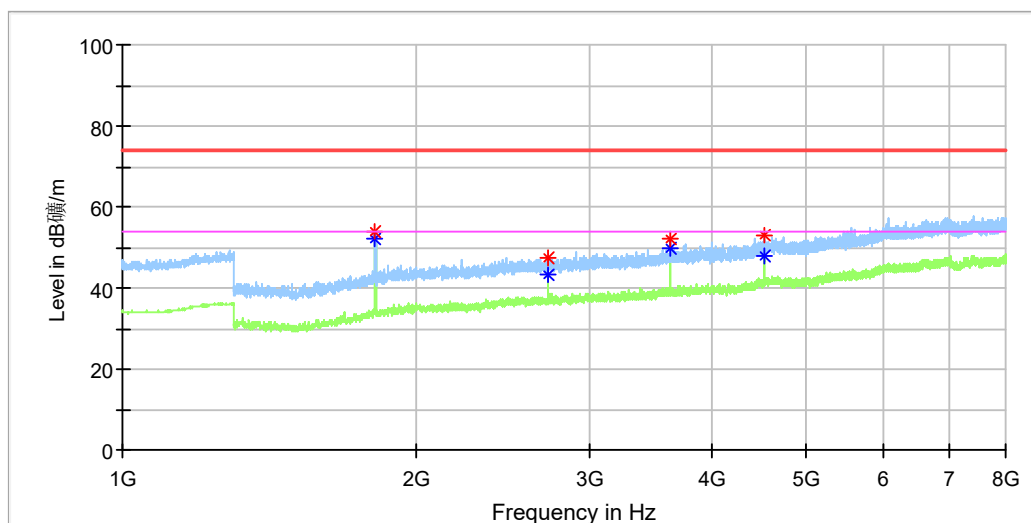
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8315.200000	---	34.39	54.00	19.61	150.0	V	172.0	8.8
8315.400000	44.06	---	74.00	29.94	150.0	V	0.0	8.8
9227.100000	47.48	---	74.00	26.52	150.0	V	129.0	10.7
9228.100000	---	35.96	54.00	18.04	150.0	V	78.0	10.7
9795.800000	---	34.58	54.00	19.42	150.0	V	78.0	10.4
9807.900000	44.60	---	74.00	29.40	150.0	V	78.0	10.5

Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
93.7	122.0	118.0	120.0	2.0	100	V	135	0.0

EUT Information

EUT Name:	Wisblock Wireless
Model:	RAK13302
Test Mode:	Lora_DTS 500K_SF8_907.8MHz
Order No/Sample No:	27219487/A004314138-002
Test Voltage:	Battery
Remark:	Temp 23.8°C Humi:57%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

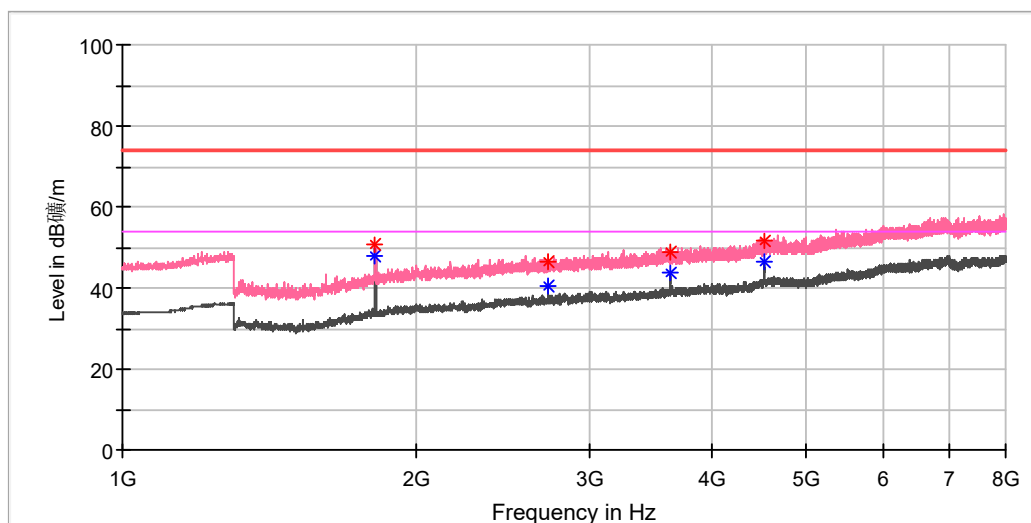
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1814.783333	---	52.22	91.49	39.27	150.0	H	208.0	6.3
1814.783333	53.96	---	101.49	47.53	150.0	H	208.0	6.3
2723.191667	47.44	---	74.00	26.56	150.0	H	270.0	9.2
2723.191667	---	43.30	54.00	10.70	150.0	H	270.0	9.2
3631.041667	52.15	---	74.00	21.85	150.0	H	305.0	10.9
3631.041667	---	49.69	54.00	4.31	150.0	H	305.0	10.9
4539.450000	52.99	---	74.00	21.01	150.0	H	279.0	13.3
4540.008333	---	47.72	54.00	6.28	150.0	H	262.0	13.3

Final Result

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

EUT Name:	Wisblock Wireless
Model:	RAK13302
Test Mode:	Lora_DTS 500K_SF8_907.8MHz
Order No/Sample No:	27219487/A004314138-002
Test Voltage:	Battery
Remark:	Temp 23.8°C Humi:57%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

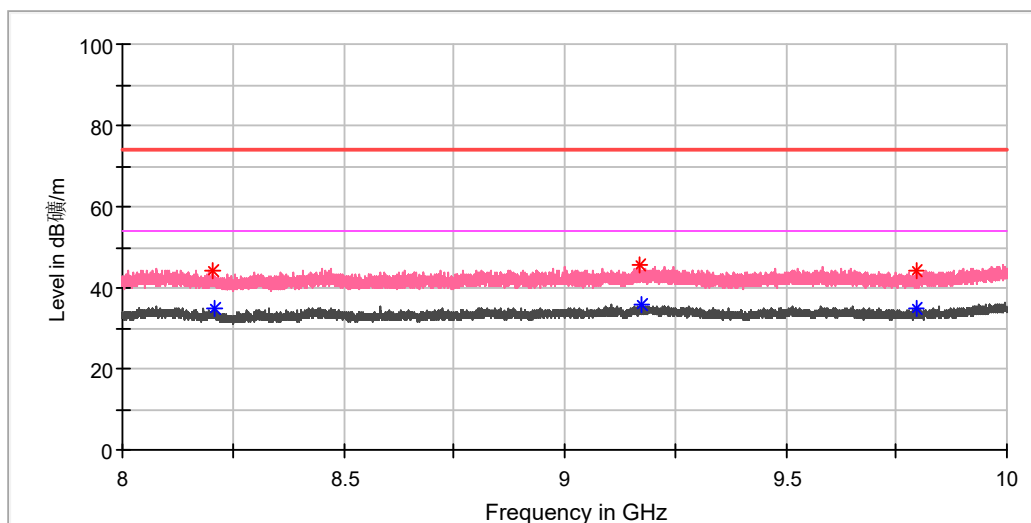
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1814.783333	50.51	---	99.40	48.89	150.0	V	29.0	6.3
1815.341667	---	47.88	89.40	41.52	150.0	V	222.0	6.3
2722.633333	---	40.32	54.00	13.68	150.0	V	29.0	9.2
2724.308333	46.64	---	74.00	27.36	150.0	V	82.0	9.2
3630.483333	---	43.59	54.00	10.41	150.0	V	195.0	10.9
3632.158333	48.95	---	74.00	25.05	150.0	V	288.0	10.9
4538.333333	---	46.66	54.00	7.34	150.0	V	167.0	13.3
4539.450000	51.55	---	74.00	22.45	150.0	V	195.0	13.3

Final Result

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

EUT Information

EUT Name:	Wisblock Wireless
Model:	RAK13302
Test Mode:	Lora_DTS 500K_SF8_907.8MHz
Order No/Sample No:	27219487/A004314138-002
Test Voltage:	Battery
Remark:	Temp 23.8°C Humi:57%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

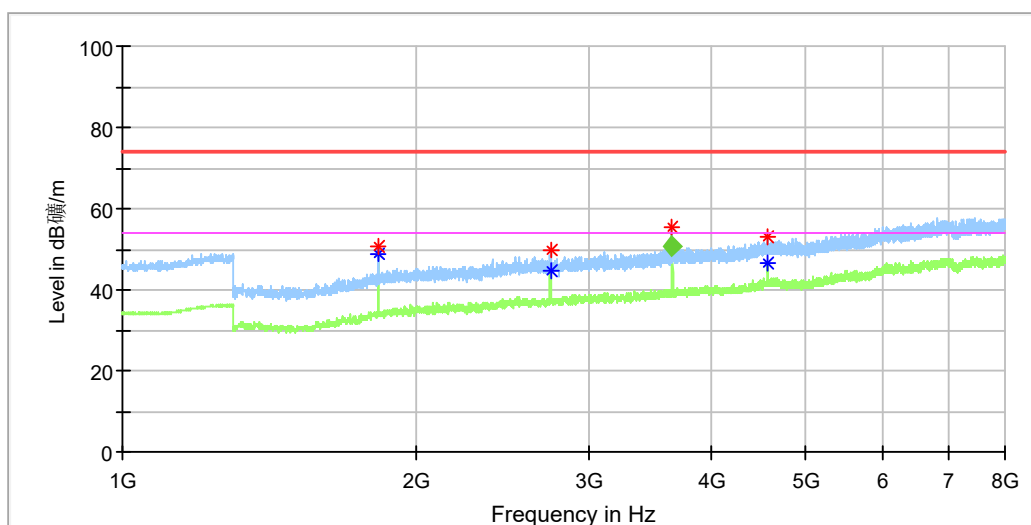
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8205.500000	44.06	---	74.00	29.94	150.0	V	130.0	9.0
8207.600000	---	34.65	54.00	19.35	150.0	V	247.0	8.9
9169.400000	45.56	---	74.00	28.44	150.0	V	197.0	10.5
9175.900000	---	35.70	54.00	18.30	150.0	V	197.0	10.5
9794.100000	44.07	---	74.00	29.93	150.0	V	305.0	10.4
9794.200000	---	34.76	54.00	19.24	150.0	V	207.0	10.4

Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
100.000000	100.000000	100.000000	100.000000	100.000000	100.000000		100.000000	100.000000

EUT Information

EUT Name: Wisblock Wireless
 Model: RAK13302
 Test Mode: Lora_DTS 500K_SF8_914.2MHz
 Order No/Sample No: 27219487/A004314138-002
 Test Voltage: Battery
 Remark: Temp 23.8°C Humi:57%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

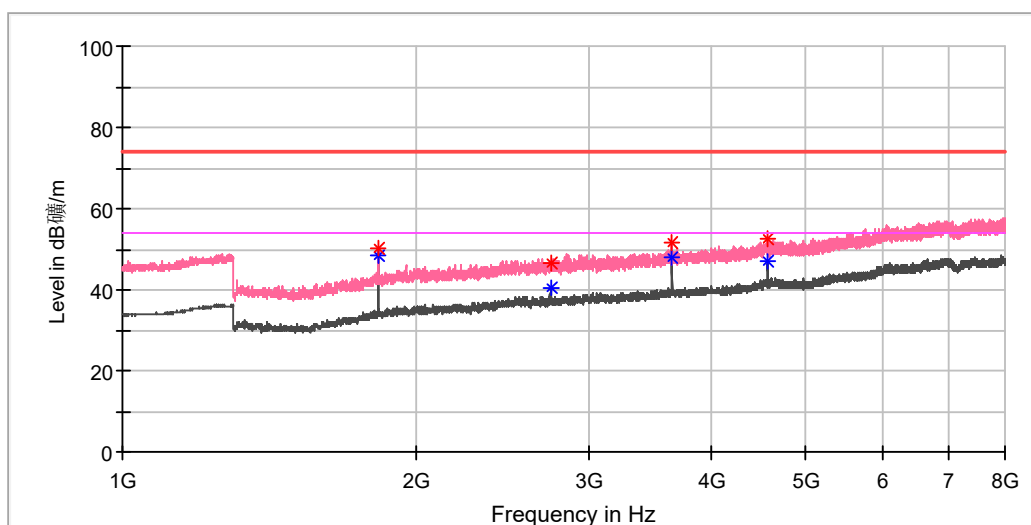
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1828.183333	---	48.99	91.97	42.98	150.0	H	0.0	6.4
1828.183333	50.71	---	101.97	51.26	150.0	H	0.0	6.4
2742.175000	---	44.44	54.00	9.56	150.0	H	55.0	9.3
2742.733333	49.56	---	74.00	24.44	150.0	H	55.0	9.3
3656.166667	55.39	---	74.00	18.61	150.0	H	308.0	10.9
4571.833333	---	46.42	54.00	7.58	150.0	H	246.0	13.5
4572.391667	52.85	---	74.00	21.15	150.0	H	264.0	13.5

Final_Result

Frequency (MHz)	QuasiPeak (dBμV/m)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
3656.808334	---	50.51	54.00	3.49	150.0	H	308.0	10.9

EUT Information

EUT Name:	Wisblock Wireless
Model:	RAK13302
Test Mode:	Lora_DTS 500K_SF8_914.2MHz
Order No/Sample No:	27219487/A004314138-002
Test Voltage:	Battery
Remark:	Temp 23.8°C Humi:57%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

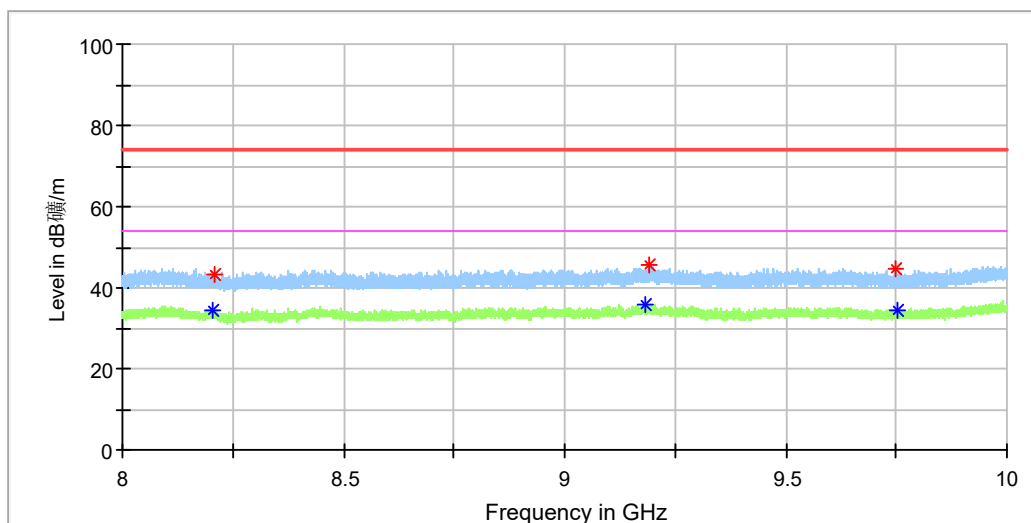
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1828.183333	50.10	---	99.58	49.48	150.0	V	222.0	6.4
1828.183333	---	48.40	89.58	41.18	150.0	V	222.0	6.4
2742.733333	46.71	---	74.00	27.29	150.0	V	124.0	9.3
2742.733333	---	40.34	54.00	13.66	150.0	V	124.0	9.3
3656.725000	51.49	---	74.00	22.51	150.0	V	196.0	10.9
3656.725000	---	48.04	54.00	5.96	150.0	V	196.0	10.9
4570.716667	---	46.95	54.00	7.05	150.0	V	286.0	13.5
4571.833333	52.74	---	74.00	21.26	150.0	V	295.0	13.5

Final Result

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

EUT Name:	Wisblock Wireless
Model:	RAK13302
Test Mode:	Lora_DTS 500K_SF8_914.2MHz
Order No/Sample No:	27219487/A004314138-002
Test Voltage:	Battery
Remark:	Temp 23.8°C Humi:57%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

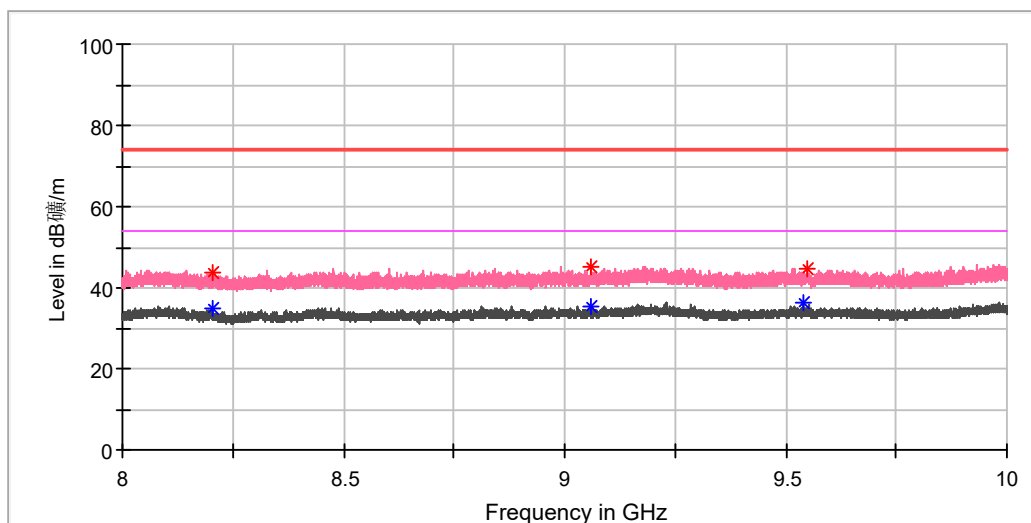
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8205.800000	---	34.53	54.00	19.47	150.0	H	70.0	9.0
8207.100000	43.39	---	74.00	30.61	150.0	H	0.0	8.9
9181.100000	---	35.70	54.00	18.30	150.0	H	25.0	10.5
9190.400000	45.58	---	74.00	28.42	150.0	H	0.0	10.6
9750.400000	44.59	---	74.00	29.41	150.0	H	182.0	10.4
9752.200000	---	34.60	54.00	19.40	150.0	H	271.0	10.4

Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
93.7	122.0	118.0	120.0	2.0	100.0	h	135.0	0.0

EUT Information

EUT Name:	Wisblock Wireless
Model:	RAK13302
Test Mode:	Lora_DTS 500K_SF8_914.2MHz
Order No/Sample No:	27219487/A004314138-002
Test Voltage:	Battery
Remark:	Temp 23.8°C Humi:57%
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)
8202.900000	---	34.77	54.00	19.23	150.0	V	0.0	9.0
8203.800000	43.93	---	74.00	30.07	150.0	V	293.0	9.0
9058.100000	---	35.12	54.00	18.88	150.0	V	304.0	9.7
9059.300000	44.99	---	74.00	29.01	150.0	V	21.0	9.7
9541.600000	---	36.05	54.00	17.95	150.0	V	0.0	10.2
9547.800000	44.60	---	74.00	29.40	150.0	V	49.0	10.2

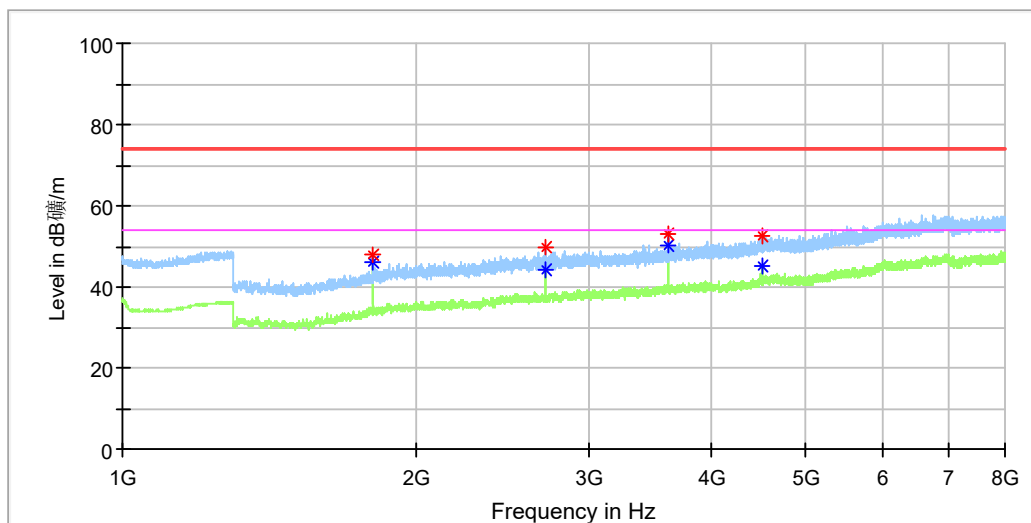
Final_Result

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

1GHz - 10GHz for Dipole ANT

EUT Information

EUT Name:	Wisblock Wireless
Model:	RAK13302
Test Mode:	Lora_DTS 500K_SF8_903MHZ
Order No/Sample No:	27219487/A004314138-002
Test Voltage:	Battery
Remark:	Temp 23.8°C Humi:57%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

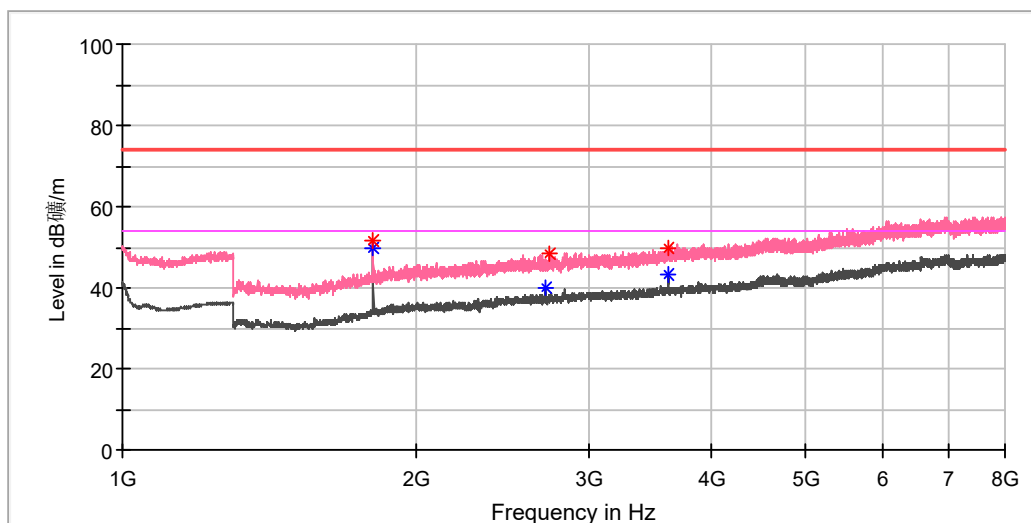
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1805.850000	---	46.01	86.00	39.99	150.0	H	50.0	6.3
1805.850000	48.12	---	96.00	47.88	150.0	H	50.0	6.3
2708.675000	---	44.16	54.00	9.84	150.0	H	147.0	9.1
2708.675000	49.74	---	74.00	24.26	150.0	H	147.0	9.1
3611.500000	53.07	---	74.00	20.93	150.0	H	272.0	10.9
3612.058333	---	50.04	54.00	3.96	150.0	H	281.0	10.9
4514.883333	---	45.10	54.00	8.90	150.0	H	281.0	13.1
4515.441667	52.68	---	74.00	21.32	150.0	H	319.0	13.1

Final Result

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

EUT Information

EUT Name:	Wisblock Wireless
Model:	RAK13302
Test Mode:	Lora_DTS 500K_SF8_903MHZ
Order No/Sample No:	27219487/A004314138-002
Test Voltage:	Battery
Remark:	Temp 23.8°C Humi:57%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

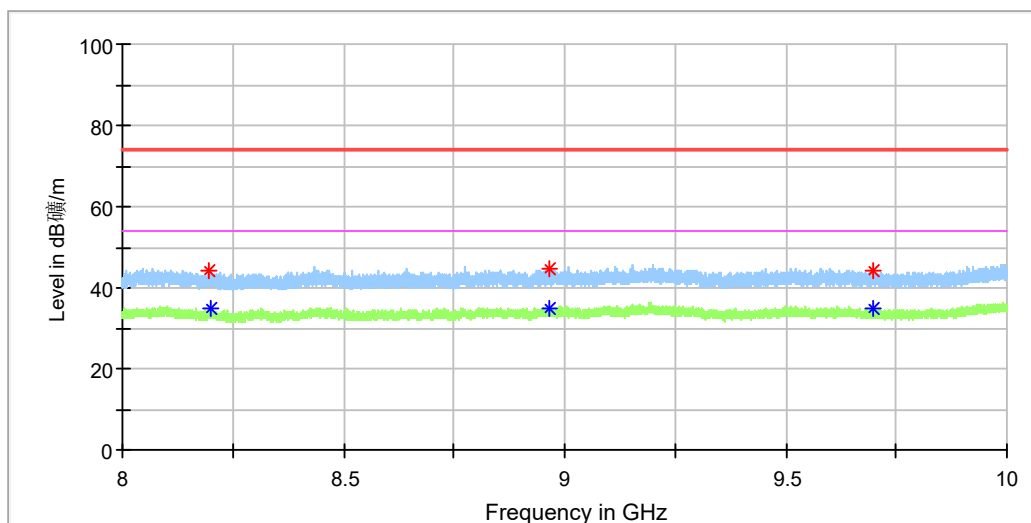
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1805.291667	51.81	---	102.98	51.17	150.0	V	0.0	6.3
1805.291667	---	49.71	92.98	43.27	150.0	V	0.0	6.3
2709.233333	---	39.81	54.00	14.19	150.0	V	47.0	9.1
2739.941667	48.57	---	74.00	25.43	150.0	V	103.0	9.3
3612.616667	---	43.04	54.00	10.96	150.0	V	201.0	10.9
3622.666667	49.97	---	74.00	24.03	150.0	V	139.0	10.9

Final_Result

[illegible]

EUT Information

EUT Name:	Wisblock Wireless
Model:	RAK13302
Test Mode:	Lora_DTS 500K_SF8_903MHZ
Order No/Sample No:	27219487/A004314138-002
Test Voltage:	Battery
Remark:	Temp 23.8°C Humi:57%
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)
8197.200000	44.29	---	74.00	29.71	150.0	H	106.0	9.0
8199.300000	---	34.75	54.00	19.25	150.0	H	214.0	9.0
8967.300000	44.66	---	74.00	29.34	150.0	H	203.0	9.4
8967.500000	---	34.89	54.00	19.11	150.0	H	234.0	9.4
9698.400000	44.41	---	74.00	29.59	150.0	H	283.0	10.4
9698.400000	---	34.84	54.00	19.16	150.0	H	283.0	10.4

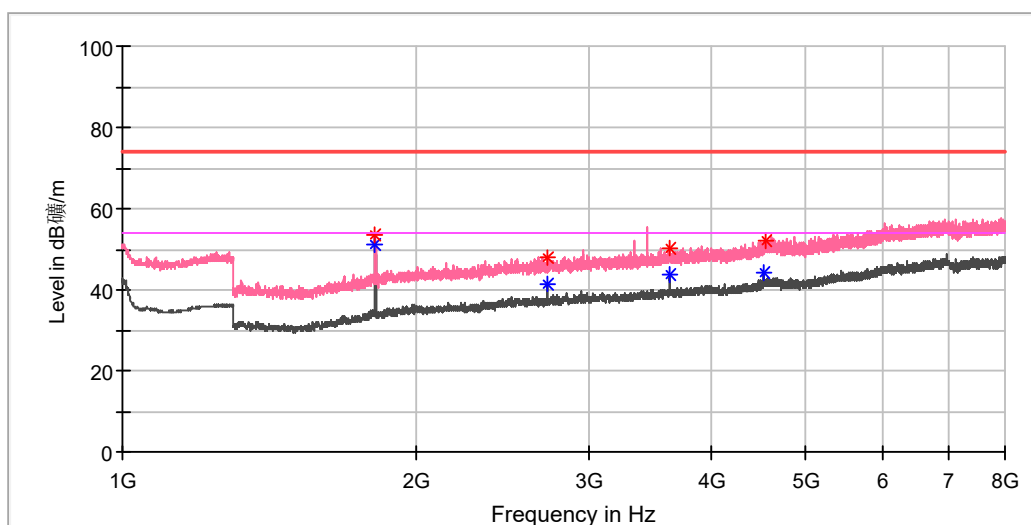
Final_Result

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

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

EUT Information

EUT Name:	Wisblock Wireless
Model:	RAK13302
Test Mode:	Lora_DTS 500K_SF8_907.8MHz
Order No/Sample No:	27219487/A004314138-002
Test Voltage:	Battery
Remark:	Temp 23.8°C Humi:57%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

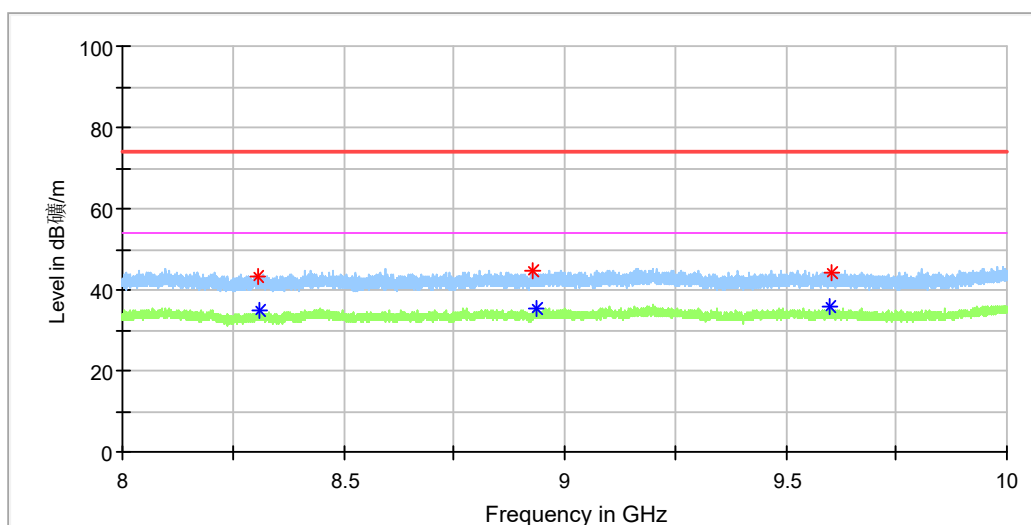
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1814.783333	---	51.24	93.19	41.95	150.0	V	72.0	6.3
1815.341667	53.57	---	103.19	49.62	150.0	V	72.0	6.3
2723.750000	48.03	---	74.00	25.97	150.0	V	55.0	9.2
2723.750000	---	41.43	54.00	12.57	150.0	V	55.0	9.2
3630.483333	---	43.89	54.00	10.11	150.0	V	187.0	10.9
3631.600000	50.15	---	74.00	23.85	150.0	V	169.0	10.9
4538.333333	---	44.20	54.00	9.80	150.0	V	116.0	13.3
4546.150000	52.17	---	74.00	21.83	150.0	V	223.0	13.4

Final Result

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

EUT Information

EUT Name:	Wisblock Wireless
Model:	RAK13302
Test Mode:	Lora_DTS 500K_SF8_907.8MHz
Order No/Sample No:	27219487/A004314138-002
Test Voltage:	Battery
Remark:	Temp 23.8°C Humi:57%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

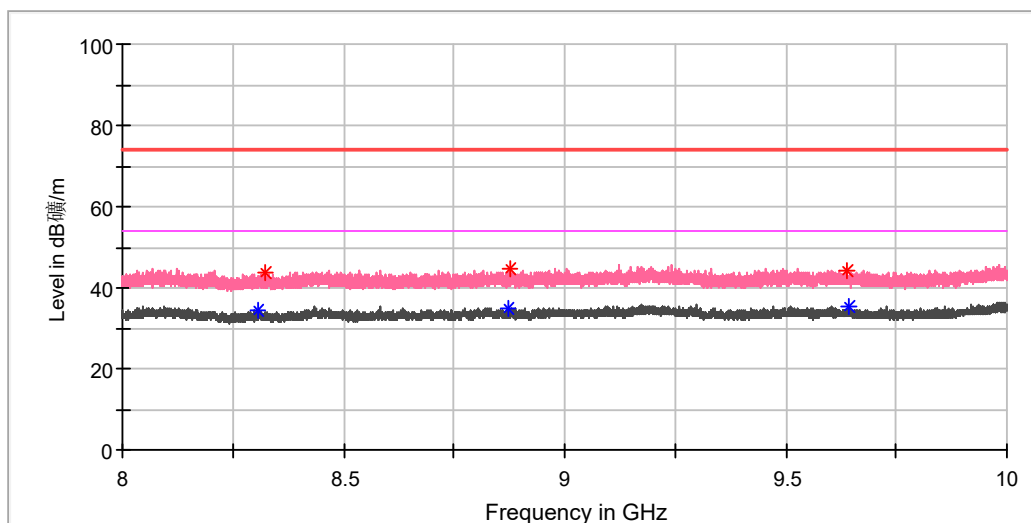
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8308.100000	43.40	---	74.00	30.60	150.0	H	177.0	8.8
8309.100000	---	34.79	54.00	19.21	150.0	H	48.0	8.8
8929.400000	44.50	---	74.00	29.50	150.0	H	354.0	9.5
8935.600000	---	35.18	54.00	18.82	150.0	H	254.0	9.5
9601.700000	---	35.74	54.00	18.26	150.0	H	39.0	10.4
9605.600000	44.05	---	74.00	29.95	150.0	H	29.0	10.4

Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
93.75	120.00	110.00	110.00	0.00	100.00		0.00	

EUT Information

EUT Name:	Wisblock Wireless
Model:	RAK13302
Test Mode:	Lora_DTS 500K_SF8_907.8MHz
Order No/Sample No:	27219487/A004314138-002
Test Voltage:	Battery
Remark:	Temp 23.8°C Humi:57%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

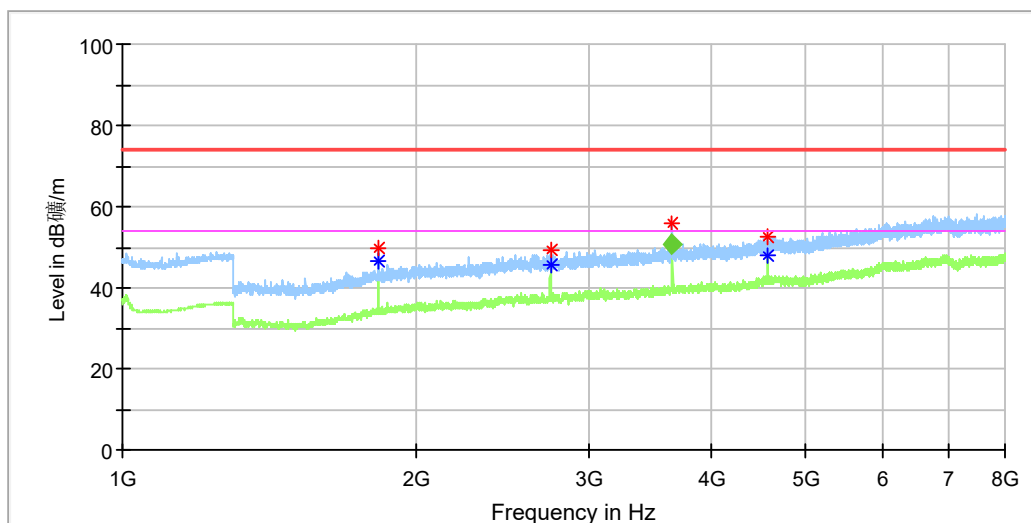
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8307.900000	---	34.57	54.00	19.43	150.0	V	148.0	8.8
8322.200000	43.92	---	74.00	30.08	150.0	V	266.0	8.8
8874.300000	---	34.96	54.00	19.04	150.0	V	246.0	9.9
8875.700000	44.63	---	74.00	29.37	150.0	V	115.0	9.9
9638.300000	44.05	---	74.00	29.95	150.0	V	0.0	10.4
9641.000000	---	35.55	54.00	18.45	150.0	V	96.0	10.4

Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
93.7	122.0	118.0	120.0	2.0	100.0	h	135.0	0.0

EUT Information

EUT Name: Wisblock Wireless
Model: RAK13302
Test Mode: Lora_DTS 500K_SF8_914.2MHz
Order No/Sample No: 27219487/A004314138-002
Test Voltage: Battery
Remark: Temp 23.8°C Humi:57%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

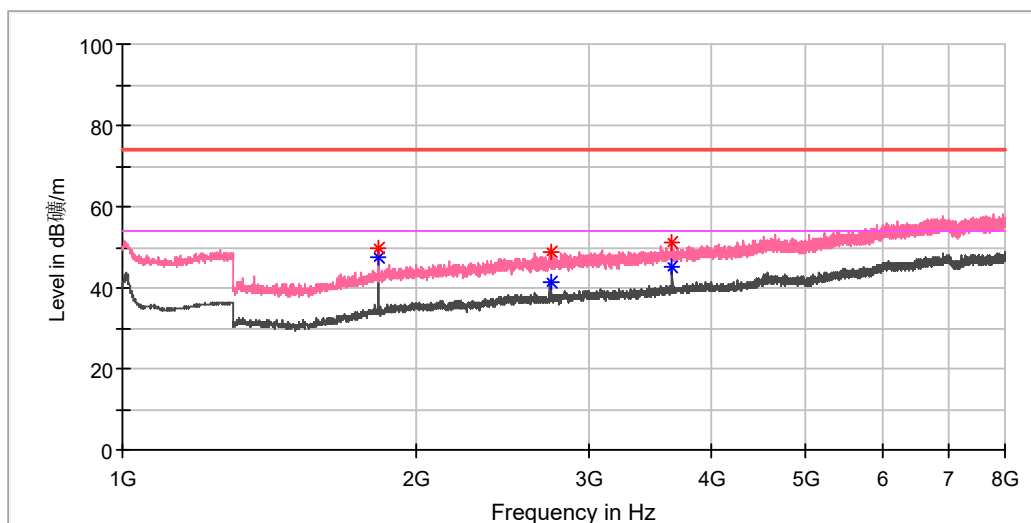
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1828.183333	---	46.62	86.45	39.83	150.0	H	212.0	6.4
1828.183333	49.94	---	96.45	46.51	150.0	H	212.0	6.4
2742.733333	49.46	---	74.00	24.54	150.0	H	135.0	9.3
2742.733333	---	45.51	54.00	8.49	150.0	H	135.0	9.3
3657.841667	55.89	---	74.00	18.11	150.0	H	275.0	10.9
4570.716667	---	47.90	54.00	6.10	150.0	H	229.0	13.5
4571.833333	52.77	---	74.00	21.23	150.0	H	284.0	13.5

Final_Result

Frequency (MHz)	QuasiPeak (dBμV/m)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
3657.558333	---	50.68	54.00	3.32	150.0	H	284.0	10.9

EUT Information

EUT Name:	Wisblock Wireless
Model:	RAK13302
Test Mode:	Lora_DTS 500K_SF8_914.2MHz
Order No/Sample No:	27219487/A004314138-002
Test Voltage:	Battery
Remark:	Temp 23.8°C Humi:57%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

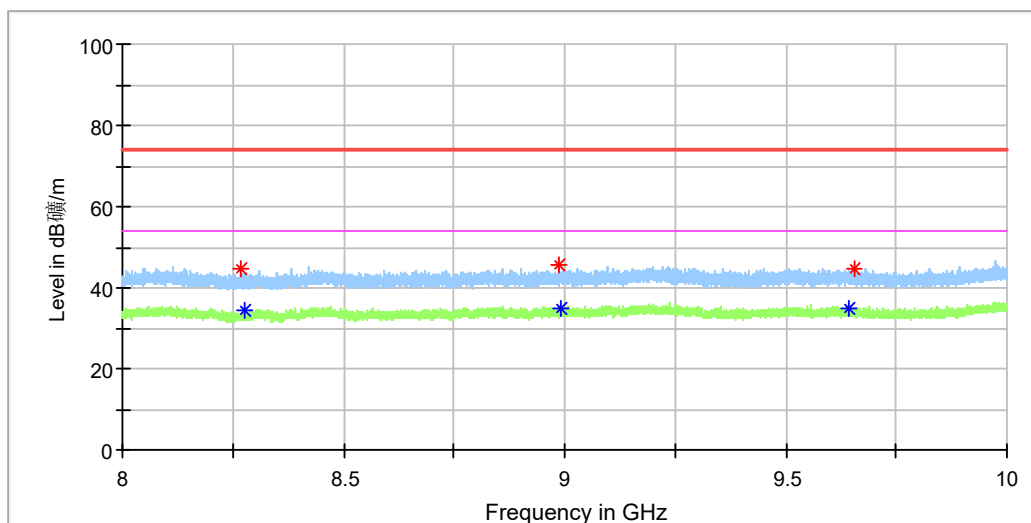
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1828.183333	49.88	---	103.07	53.19	150.0	V	79.0	6.4
1828.183333	---	47.32	93.07	45.75	150.0	V	79.0	6.4
2742.733333	48.67	---	74.00	25.33	150.0	V	61.0	9.3
2743.291667	---	41.39	54.00	12.61	150.0	V	52.0	9.3
3656.725000	---	44.96	54.00	9.04	150.0	V	154.0	10.9
3656.725000	51.13	---	74.00	22.87	150.0	V	154.0	10.9

Final_Result

Frequency (MHz)	QuasiPeak (dBμV/m)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
93.5	115.5	115.5	115.5	0	10	h	135	0

EUT Information

EUT Name:	Wisblock Wireless
Model:	RAK13302
Test Mode:	Lora_DTS 500K_SF8_914.2MHz
Order No/Sample No:	27219487/A004314138-002
Test Voltage:	Battery
Remark:	Temp 23.8°C Humi:57%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

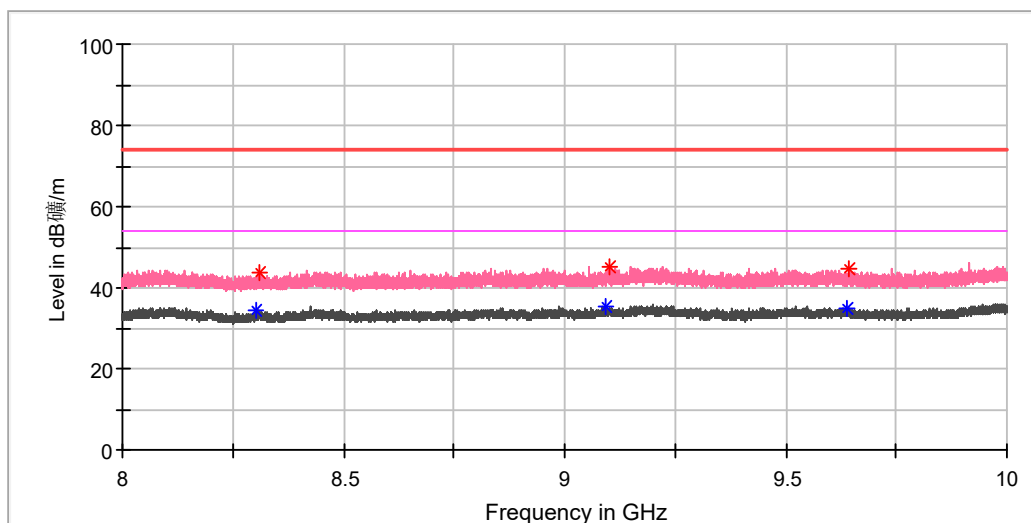
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8269.800000	44.59	---	74.00	29.41	150.0	H	262.0	8.7
8276.000000	---	34.41	54.00	19.59	150.0	H	174.0	8.7
8986.400000	45.53	---	74.00	28.47	150.0	H	164.0	9.4
8990.700000	---	35.08	54.00	18.92	150.0	H	313.0	9.4
9644.400000	---	35.09	54.00	18.91	150.0	H	251.0	10.4
9653.600000	44.63	---	74.00	29.37	150.0	H	304.0	10.4

Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
100.000000	100.000000	100.000000	100.000000	100.000000	100.000000		100.000000	100.000000

EUT Information

EUT Name:	Wisblock Wireless
Model:	RAK13302
Test Mode:	Lora_DTS 500K_SF8_914.2MHz
Order No/Sample No:	27219487/A004314138-002
Test Voltage:	Battery
Remark:	Temp 23.8°C Humi:57%
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)
8300.200000	---	34.24	54.00	19.76	150.0	V	267.0	8.7
8310.400000	43.84	---	74.00	30.16	150.0	V	200.0	8.8
9094.400000	---	35.27	54.00	18.73	150.0	V	344.0	10.0
9100.600000	45.02	---	74.00	28.98	150.0	V	200.0	10.0
9639.100000	---	34.87	54.00	19.13	150.0	V	358.0	10.4
9641.200000	44.56	---	74.00	29.44	150.0	V	231.0	10.4

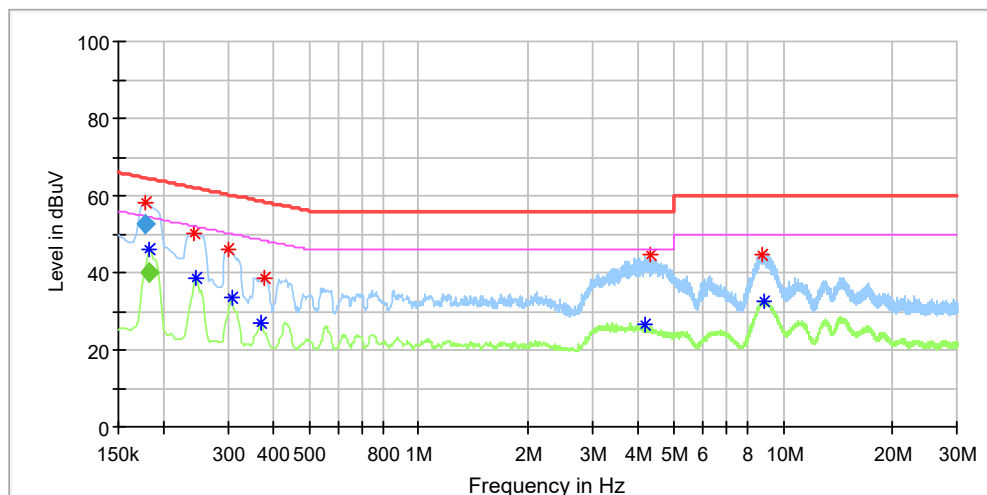
Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
93.7	122.0	118.0	120.0	2.0	100.0	h	135.0	0.0

Appendix B.6: Test Results of Conducted Emission on AC Mains

EUT Information

EUT Name: Wisblock Wireless
Model: RAK13302
Sample No: A004314138-002
Test Mode: Normal Link
Test Voltage: AC 120V/60Hz
Remark: Temp:24.4 ; Humi:50%
Test standard: FCC PART 15B
Tested By: Charron Chen
Reviewed by: Charlie Zha



Critical Freqs

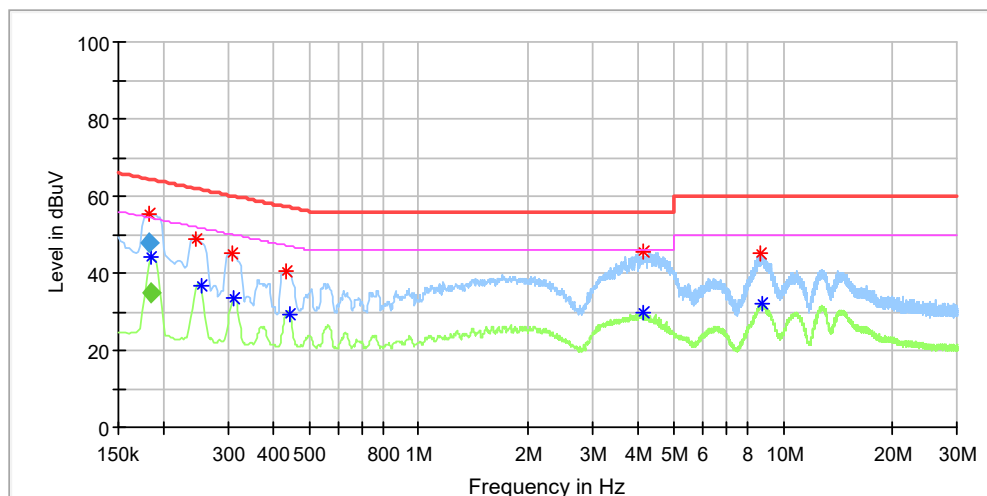
Frequency (MHz)	MaxPeak (dBuV)	Average (dBuV)	Limit (dBuV)	Margin (dB)	Line	Corr. (dB)
0.177	58.3	---	64.61	6.28	L1	9.7
0.182	---	46.2	54.38	8.15	L1	9.7
0.242	50.3	---	62.03	11.77	L1	9.7
0.245	---	38.7	51.94	13.27	L1	9.7
0.299	45.9	---	60.26	14.38	L1	9.6
0.307	---	33.5	50.06	16.57	L1	9.6
0.369	---	27.1	48.53	21.44	L1	9.5
0.379	38.7	---	58.31	19.58	L1	9.5
4.187	---	26.3	46.00	19.68	L1	9.7
4.339	44.7	---	56.00	11.33	L1	9.7
8.769	44.7	---	60.00	15.28	L1	9.9
8.819	---	32.6	50.00	17.44	L1	9.9

Final Result

Frequency (MHz)	QuasiPeak (dBuV)	Average (dBuV)	Limit (dBuV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.177	52.5	---	64.61	12.15	1000.0	9.0	L1	9.7
0.182	---	40.0	54.38	14.38	1000.0	9.0	L1	9.7

EUT Information

EUT Name: Wisblock Wireless
Model: RAK13302
Sample No: A004314138-002
Test Mode: Normal Link
Test Voltage: AC 120V/60Hz
Remark: Temp:24.4 ; Humi:50%
Test standard: FCC PART 15B
Tested By: Charron Chen
Reviewed by: Charlie Zha



Critical Freqs

Frequency (MHz)	MaxPeak (dBuV)	Average (dBuV)	Limit (dBuV)	Margin (dB)	Line	Corr. (dB)
0.182	55.4	---	64.38	8.93	N	9.9
0.185	---	44.3	54.27	10.01	N	9.9
0.245	49.0	---	61.94	12.90	N	9.9
0.252	---	36.9	51.69	14.82	N	9.9
0.309	45.2	---	59.99	14.81	N	9.9
0.312	---	33.3	49.93	16.60	N	9.9
0.434	40.5	---	57.18	16.73	N	9.9
0.441	---	29.4	47.04	17.61	N	9.9
4.125	45.5	---	56.00	10.54	N	9.7
4.142	---	29.7	46.00	16.32	N	9.7
8.665	45.0	---	60.00	14.95	N	9.8
8.782	---	31.9	50.00	18.09	N	9.8

Final Result

Frequency (MHz)	QuasiPeak (dBuV)	Average (dBuV)	Limit (dBuV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.182	47.8	---	64.38	16.55	1000.0	9.0	N	9.9
0.185	---	34.8	54.27	19.51	1000.0	9.0	N	9.9