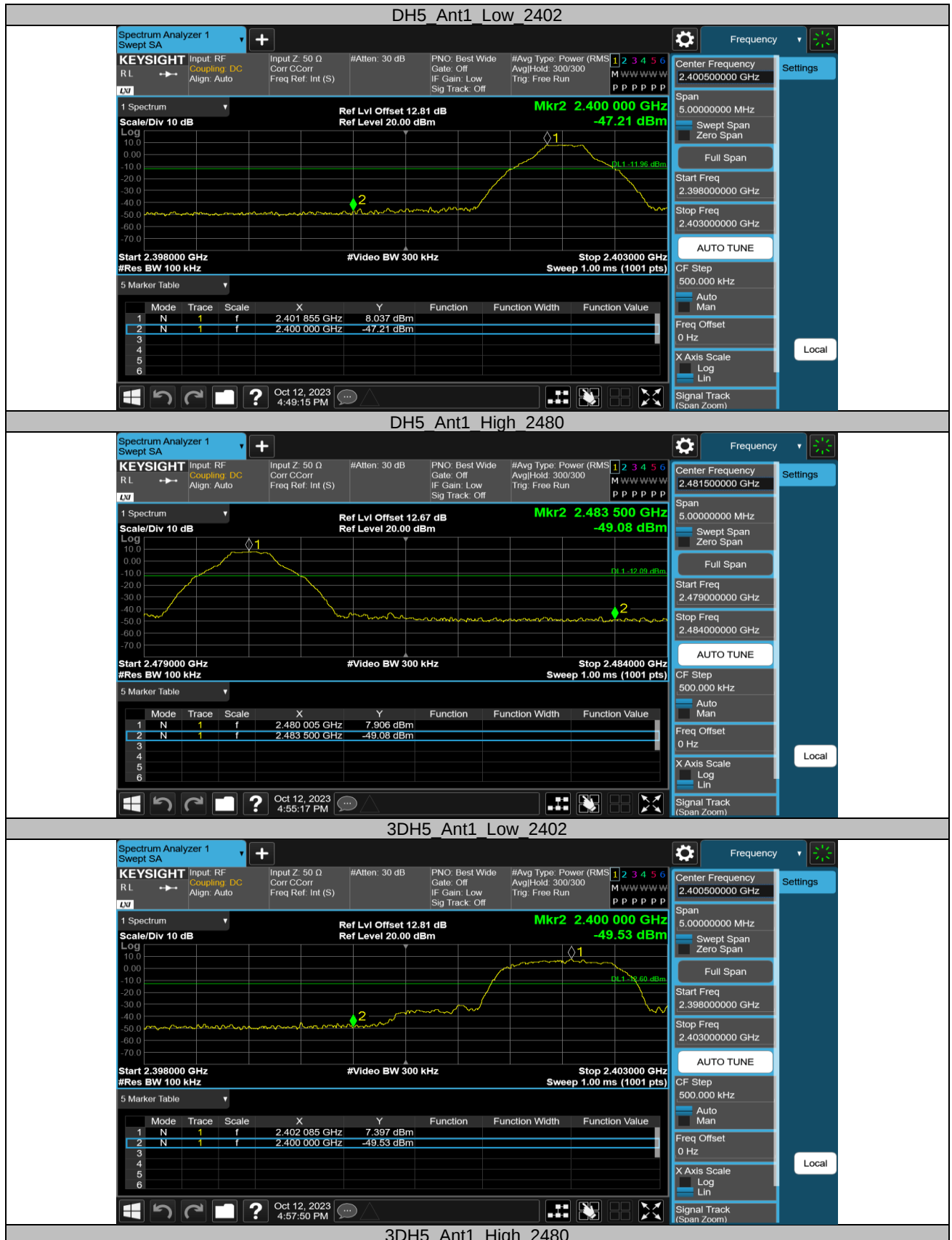
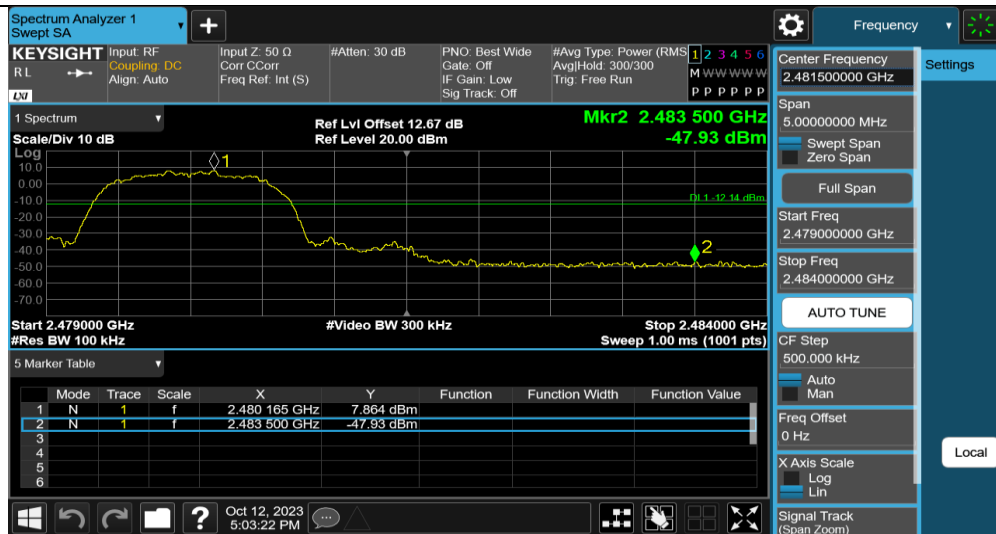
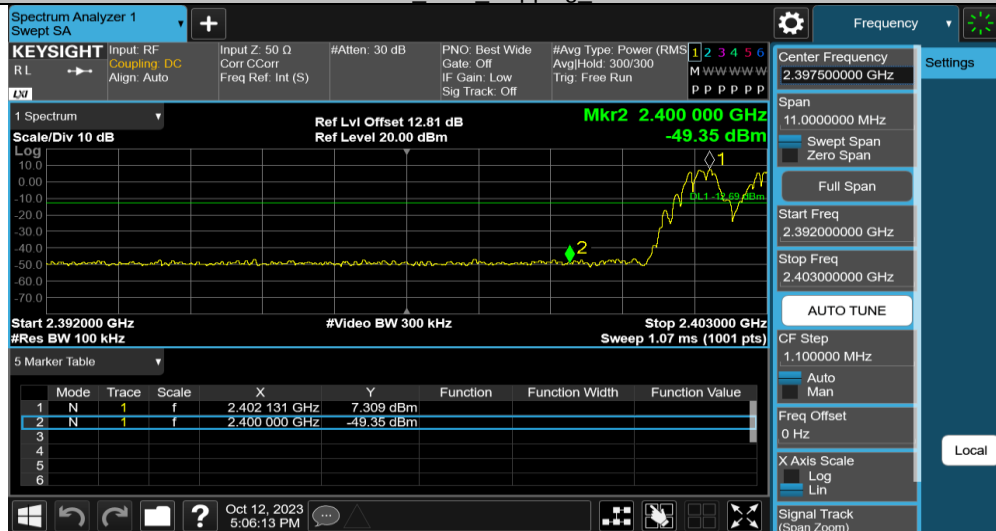


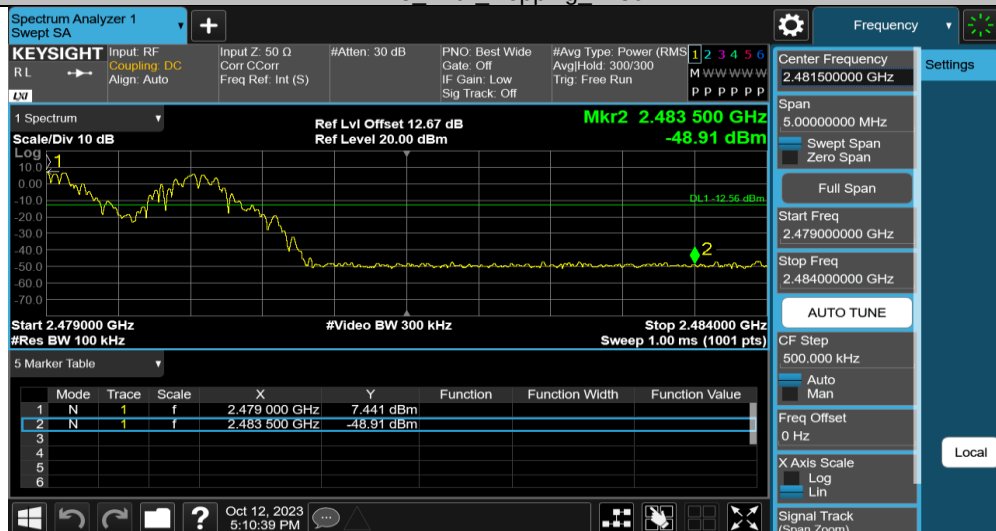




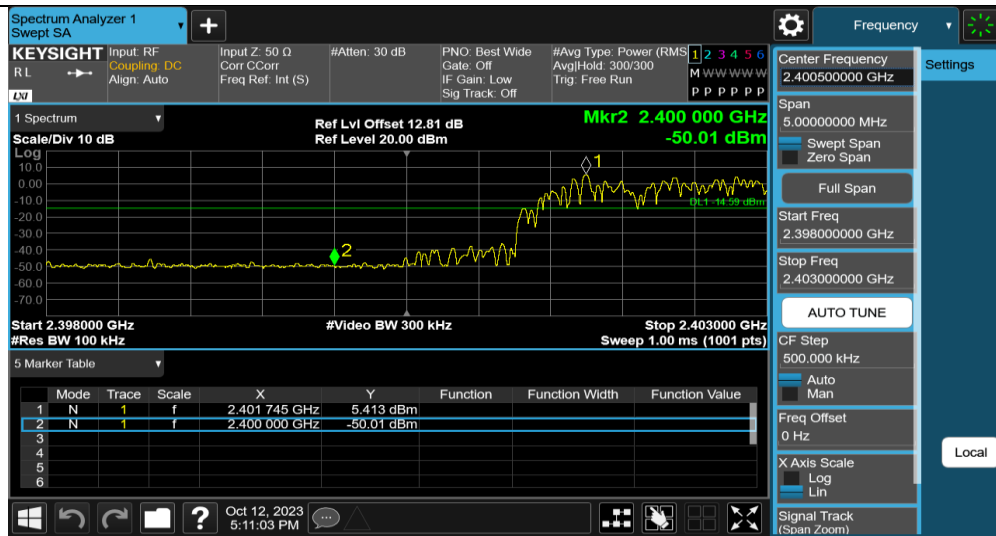
DH5 Ant1_Hopping_2402



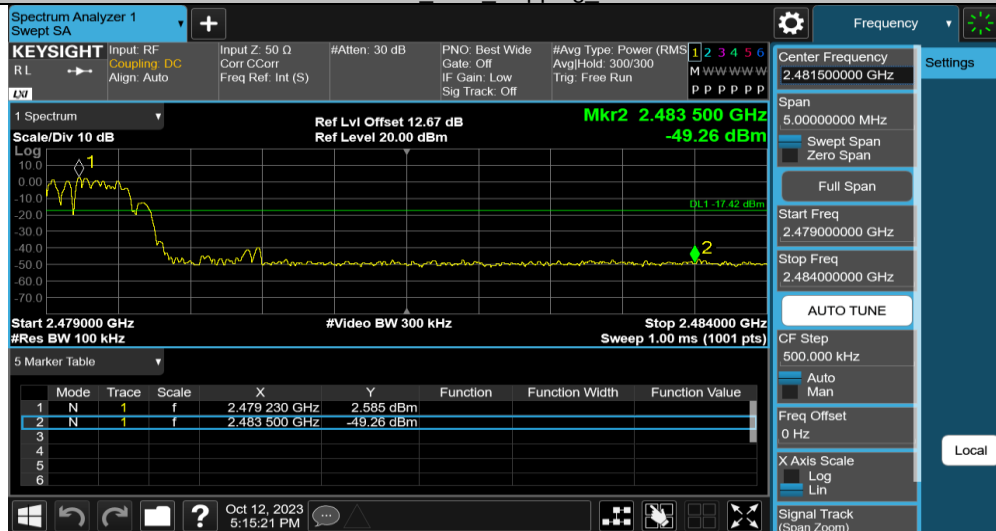
DH5 Ant1_Hopping_2480



3DH5_Ant1_Hopping_2402



3DH5_Ant1_Hopping_2480



Appendix B.7: Test Results of Radiated Spurious Emissions

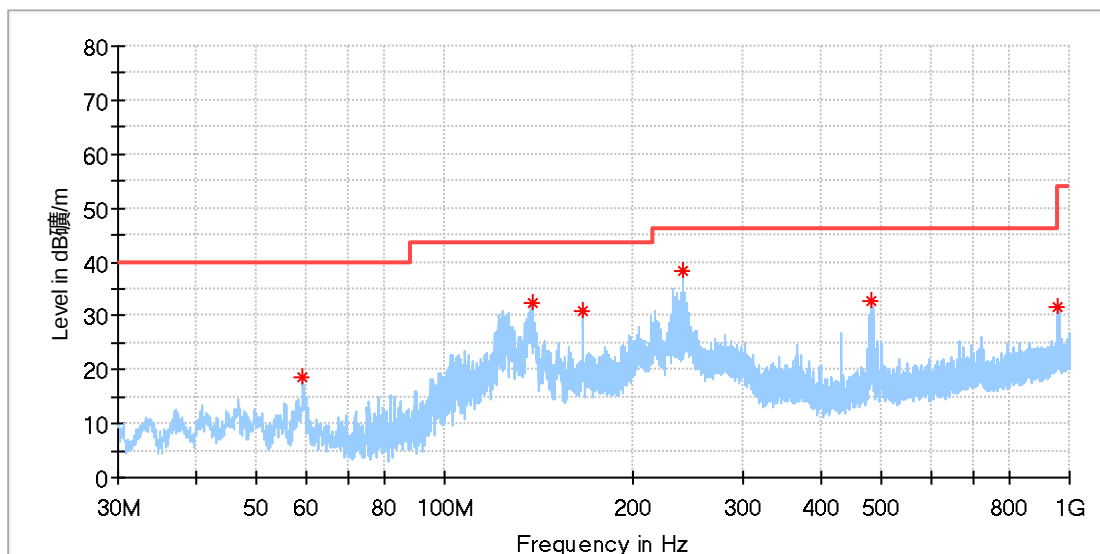
Note 1: Testing was carried out within frequency range 9kHz to the tenth harmonics. The measurement results below 30MHz and 18GHz - 26.5GHz were greater than 20dB below the limit, so only the radiated spurious emissions from 30MHz to 18GHz were reported. The highest emissions are the fundamental.

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

30MHz - 1GHz

EUT Information

EUT Name:	17WFM26Y WI-FI + BT combo module
Model:	17WFM26Y
Test Mode:	BR_DH5_Mid channel
Order No/Sample No:	168444544/A003554099-001
Test Voltage::	DC 5V From USB
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

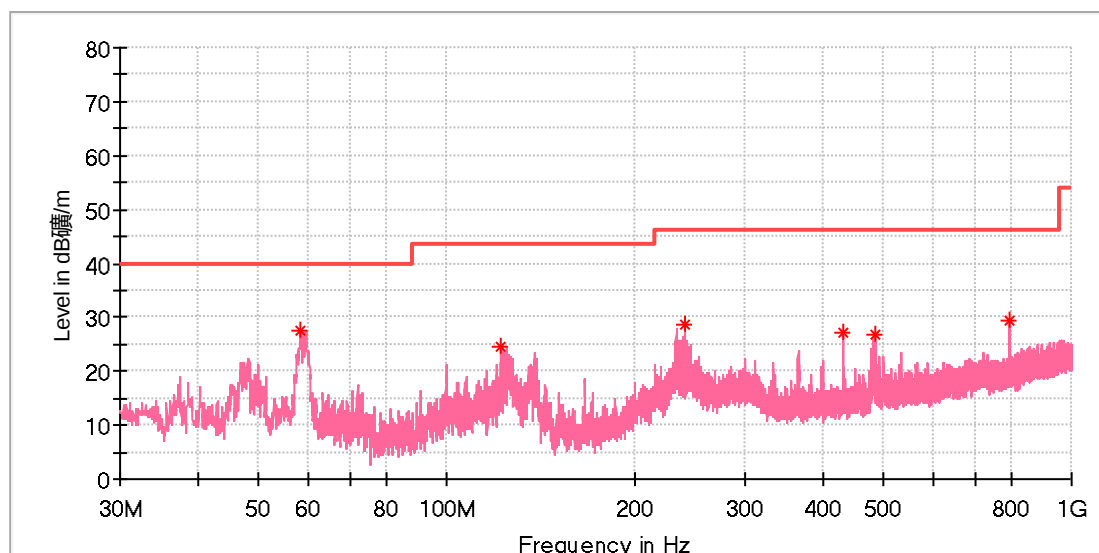
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
59.286539	18.50	40.00	21.50	100.0	H	26.0	-19.2
137.819231	32.29	43.50	11.21	100.0	H	219.0	-22.5
166.285000	30.93	43.50	12.57	100.0	H	161.0	-21.7
240.005000	38.43	46.00	7.57	100.0	H	285.0	-18.0
481.161923	32.82	46.00	13.18	100.0	H	251.0	-12.5
960.006154	31.44	54.00	22.56	100.0	H	66.0	-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: 17WFM26Y WI-FI + BT combo module
Model: 17WFM26Y
Test Mode: BR_DH5_Mid channel
Order No/Sample No: 168444544/A003554099-001
Test Voltage:: DC 5V From USB
Remark: Temp 22 Humi:52%
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)
58.241923	27.59	40.00	12.41	100.0	V	354.0	-19.1
122.411154	24.70	43.50	18.80	100.0	V	294.0	-21.4
240.005000	28.69	46.00	17.31	100.0	V	338.0	-18.0
432.027692	27.34	46.00	18.66	100.0	V	213.0	-13.6
483.549615	26.87	46.00	19.13	100.0	V	132.0	-12.5
796.635769	29.22	46.00	16.78	100.0	V	98.0	-6.8

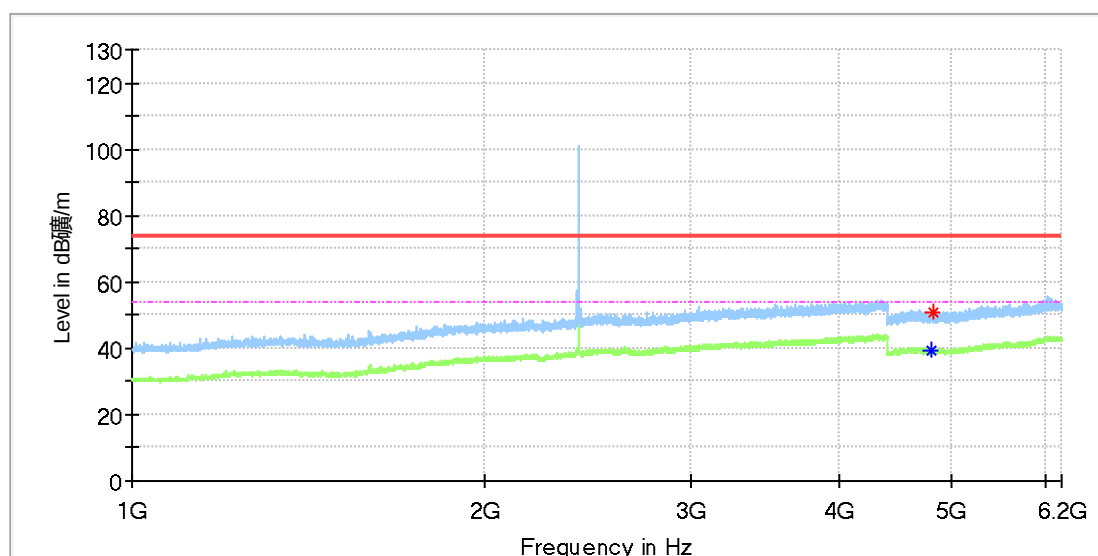
Final Result

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

Above 1GHz

EUT Information

EUT Name:	17WFM26Y WI-FI + BT combo module
Model:	17WFM26Y
Test Mode:	BR_DH5_Low channel
Order No/Sample No:	168444544/A003554099-001
Test Voltage::	DC 5V From USB
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

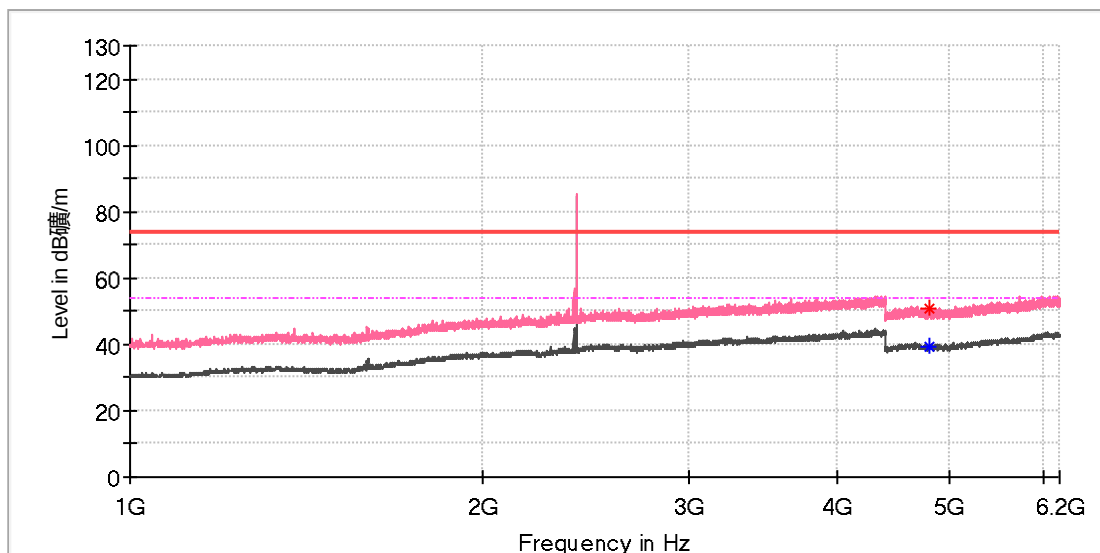
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4810.500000	---	39.53	54.00	14.47	100.0	H	311.0	11.8
4811.500000	50.55	---	74.00	23.45	100.0	H	86.0	11.8

Final Result

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

EUT Information

EUT Name: 17WFM26Y WI-FI + BT combo module
Model: 17WFM26Y
Test Mode: BR_DH5_Low channel
Order No/Sample No: 168444544/A003554099-001
Test Voltage:: DC 5V From USB
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

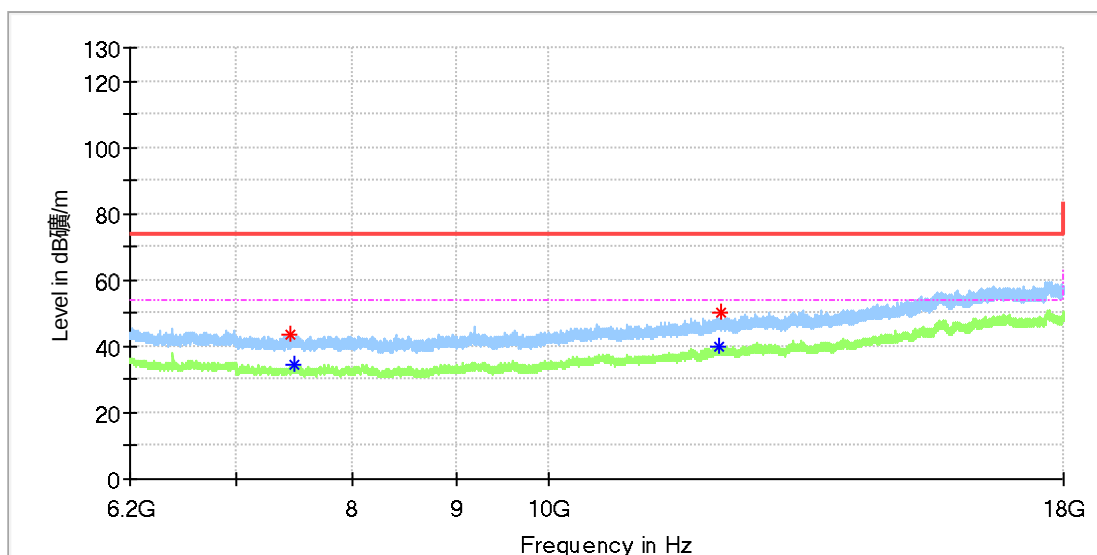
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4800.500000	---	39.52	54.00	14.48	100.0	V	184.0	11.8
4802.000000	50.91	---	74.00	23.09	100.0	V	350.0	11.8

Final_Result

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

EUT Information

EUT Name: 17WFM26Y WI-FI + BT combo module
Model: 17WFM26Y
Test Mode: BR_DH5_Low channel
Order No/Sample No: 168444544/A003554099-001
Test Voltage:: DC 5V From USB
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

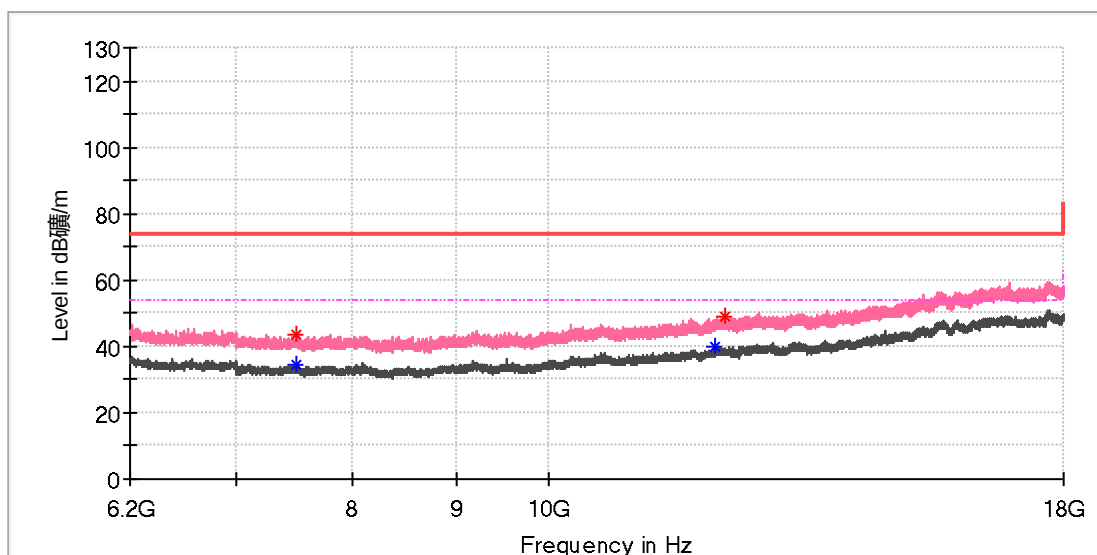
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7436.541667	43.53	---	74.00	30.47	100.0	H	359.0	8.4
7475.875000	---	34.38	54.00	19.62	100.0	H	315.0	8.6
12159.491667	---	40.03	54.00	13.97	100.0	H	0.0	14.5
12167.850000	50.38	---	74.00	23.62	100.0	H	229.0	14.5

Final_Result

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

EUT Information

EUT Name: 17WFM26Y WI-FI + BT combo module
Model: 17WFM26Y
Test Mode: BR_DH5_Low channel
Order No/Sample No: 168444544/A003554099-001
Test Voltage:: DC 5V From USB
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

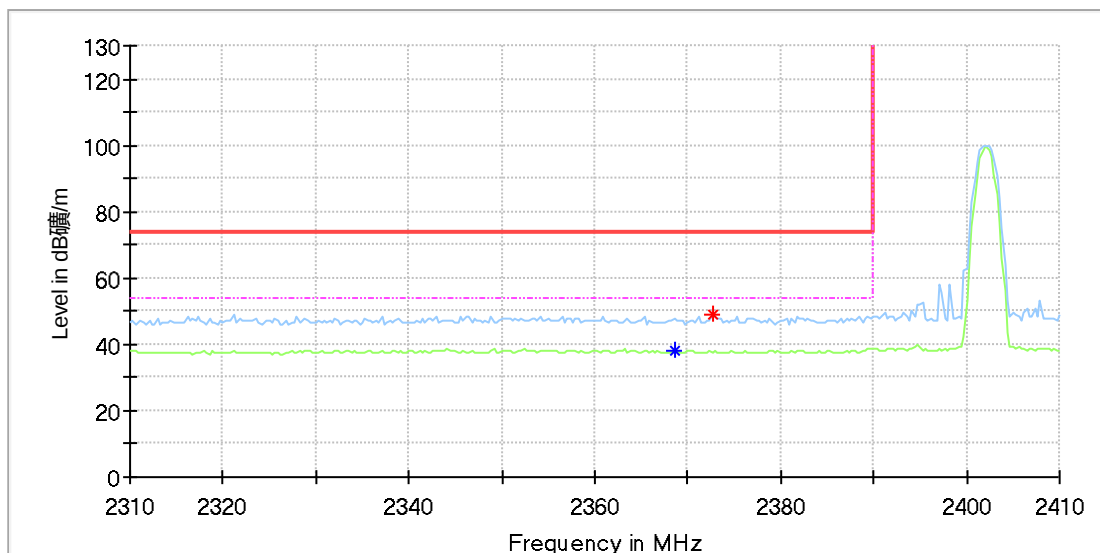
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7489.150000	43.33	---	74.00	30.67	100.0	V	31.0	8.7
7501.933333	---	34.44	54.00	19.56	100.0	V	1.0	8.7
12094.100000	---	39.73	54.00	14.27	100.0	V	0.0	14.1
12220.950000	48.73	---	74.00	25.27	100.0	V	43.0	14.7

Final_Result

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

EUT Information

EUT Name:	17WFM26Y WI-FI + BT combo module
Model:	17WFM26Y
Test Mode:	BR_DH5_Low channel
Order No/Sample No:	168444544/A003554099-001
Test Voltage::	DC 5V From USB
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

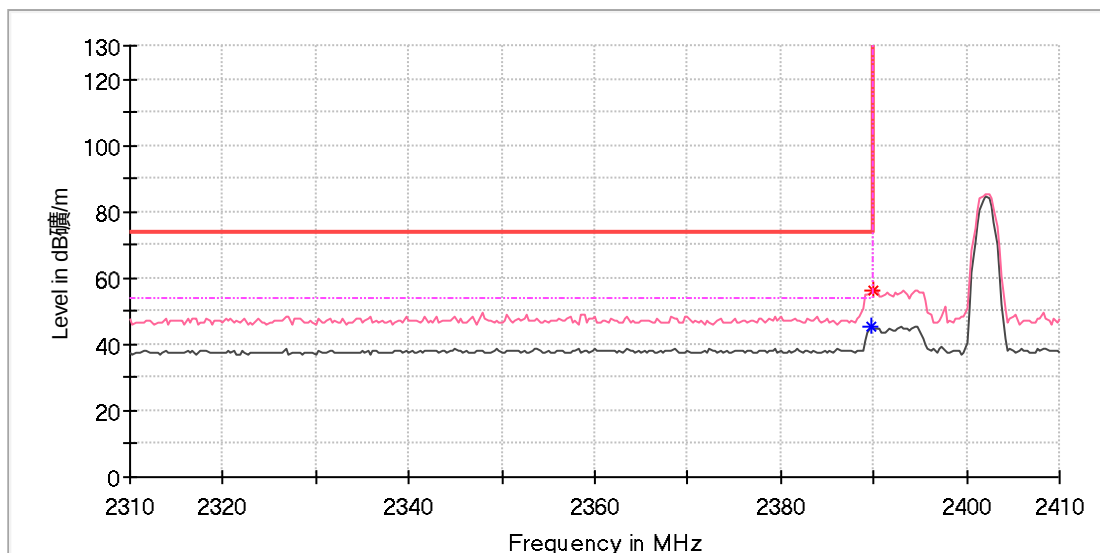
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2368.529412	---	38.25	54.00	15.76	100.0	H	353.0	6.9
2372.647059	48.74	---	74.00	25.26	100.0	H	263.0	6.9

Final_Result

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

EUT Information

EUT Name: 17WFM26Y WI-FI + BT combo module
Model: 17WFM26Y
Test Mode: BR_DH5_Low channel
Order No/Sample No: 168444544/A003554099-001
Test Voltage:: DC 5V From USB
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

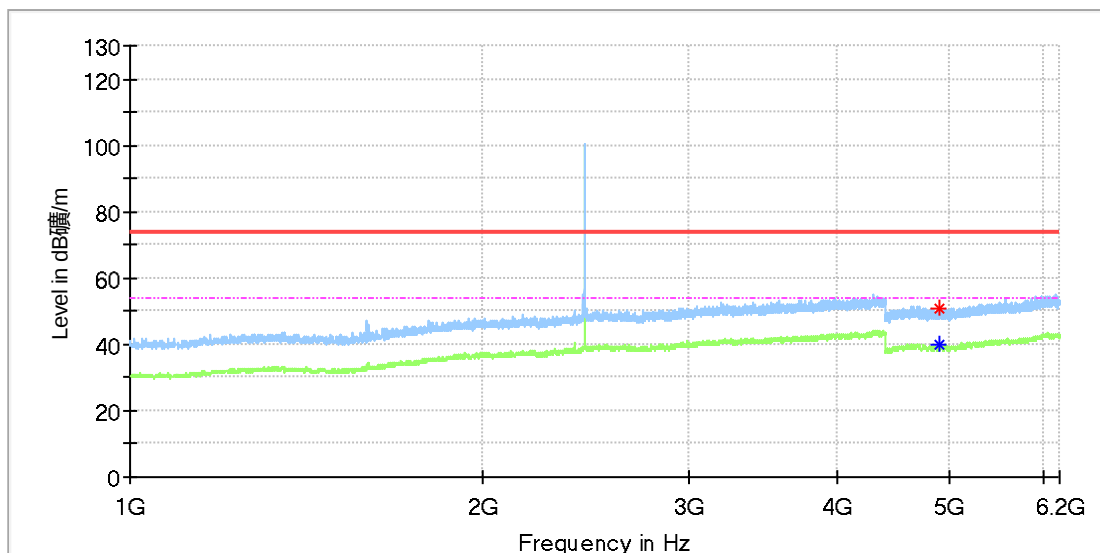
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2389.705882	---	45.05	54.00	8.95	100.0	V	276.0	7.0
2390.000000	55.95	---	74.00	18.05	100.0	V	276.0	7.0

Final_Result

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

EUT Information

EUT Name: 17WFM26Y WI-FI + BT combo module
Model: 17WFM26Y
Test Mode: BR_DH5_Mid channel
Order No/Sample No: 168444544/A003554099-001
Test Voltage:: DC 5V From USB
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

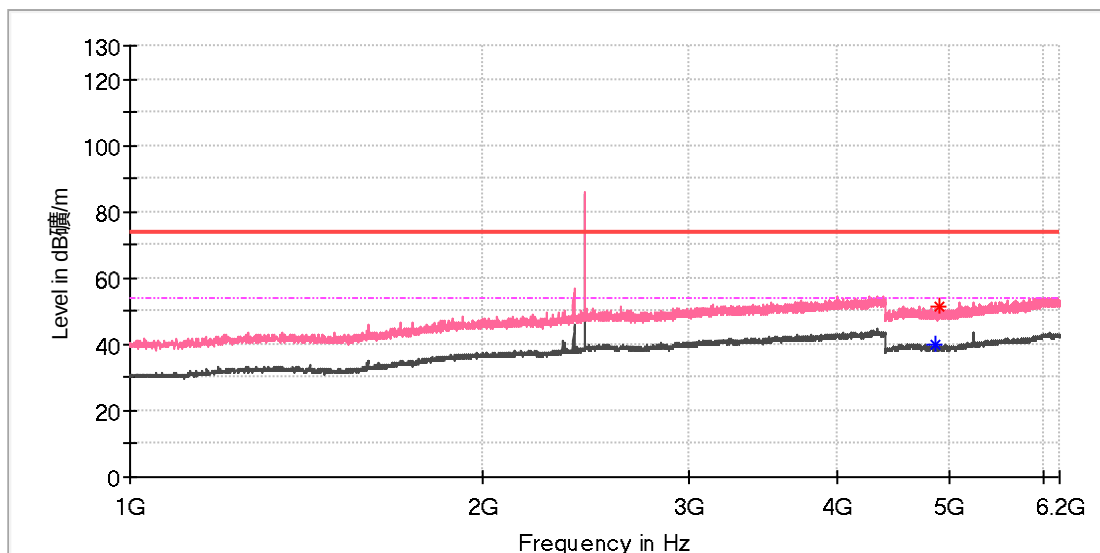
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4901.000000	---	39.63	54.00	14.37	100.0	H	273.0	11.8
4902.000000	50.60	---	74.00	23.40	100.0	H	305.0	11.8

Final_Result

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

EUT Information

EUT Name: 17WFM26Y WI-FI + BT combo module
Model: 17WFM26Y
Test Mode: BR_DH5_Mid channel
Order No/Sample No: 168444544/A003554099-001
Test Voltage:: DC 5V From USB
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

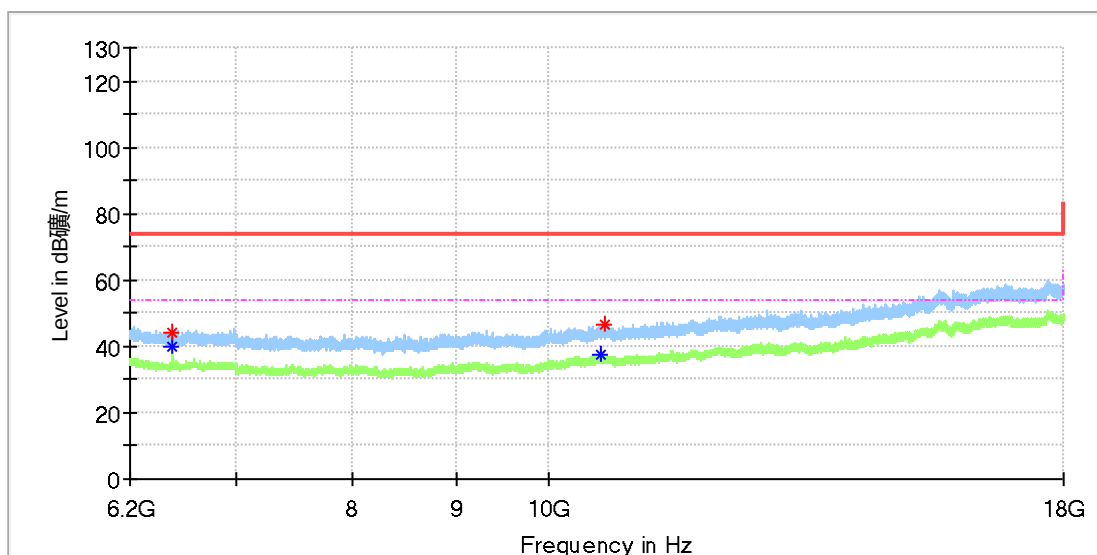
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4856.000000	---	39.86	54.00	14.14	100.0	V	282.0	11.8
4899.000000	51.21	---	74.00	22.79	100.0	V	169.0	11.8

Final_Result

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

EUT Information

EUT Name: 17WFM26Y WI-FI + BT combo module
Model: 17WFM26Y
Test Mode: BR_DH5_Mid channel
Order No/Sample No: 168444544/A003554099-001
Test Voltage:: DC 5V From USB
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

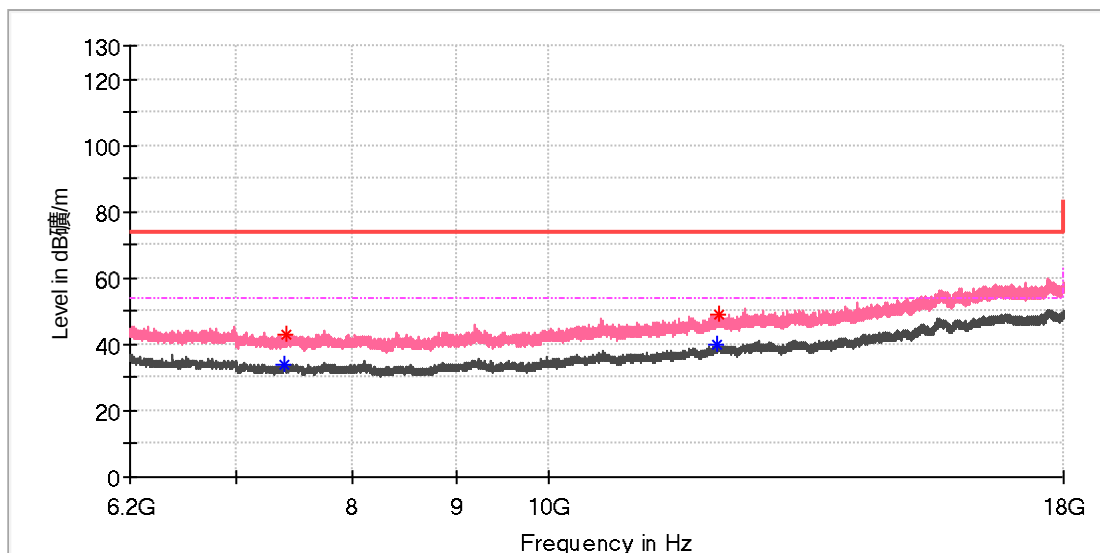
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
6511.716667	---	39.80	54.00	14.20	100.0	H	138.0	8.8
6512.208333	44.43	---	74.00	29.57	100.0	H	248.0	8.8
10609.266667	---	37.40	54.00	16.60	100.0	H	32.0	12.1
10664.825000	46.51	---	74.00	27.49	100.0	H	1.0	11.9

Final_Result

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

EUT Information

EUT Name: 17WFM26Y WI-FI + BT combo module
Model: 17WFM26Y
Test Mode: BR_DH5_Mid channel
Order No/Sample No: 168444544/A003554099-001
Test Voltage:: DC 5V From USB
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

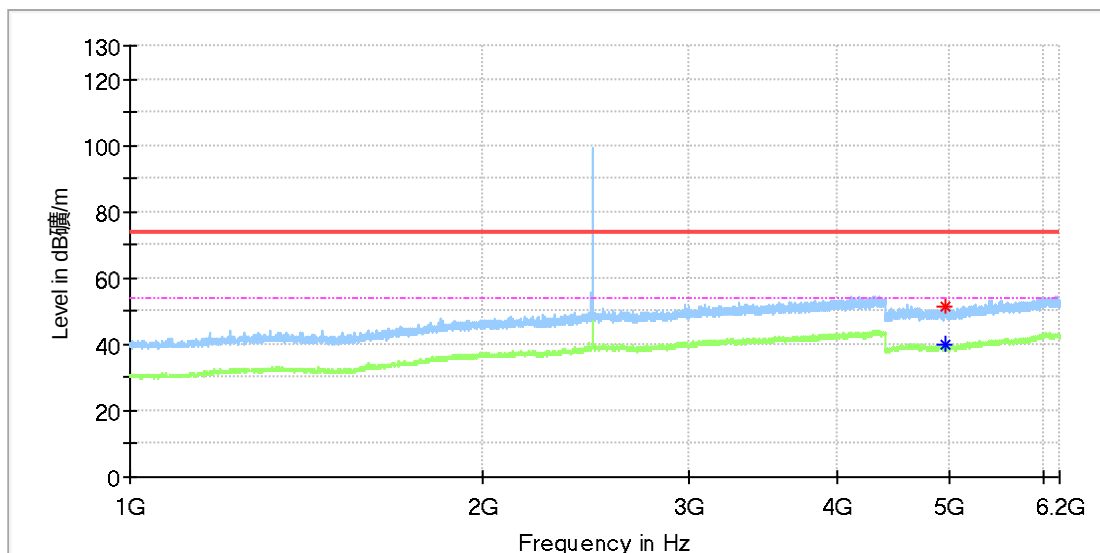
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7400.650000	---	33.92	54.00	20.08	100.0	V	234.0	8.3
7408.516667	43.17	---	74.00	30.83	100.0	V	210.0	8.3
12124.583333	---	39.72	54.00	14.28	100.0	V	329.0	14.3
12145.233333	49.09	---	74.00	24.91	100.0	V	210.0	14.4

Final_Result

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

EUT Information

EUT Name: 17WFM26Y WI-FI + BT combo module
Model: 17WFM26Y
Test Mode: BR_DH5_High channel
Order No/Sample No: 168444544/A003554099-001
Test Voltage:: DC 5V From USB
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

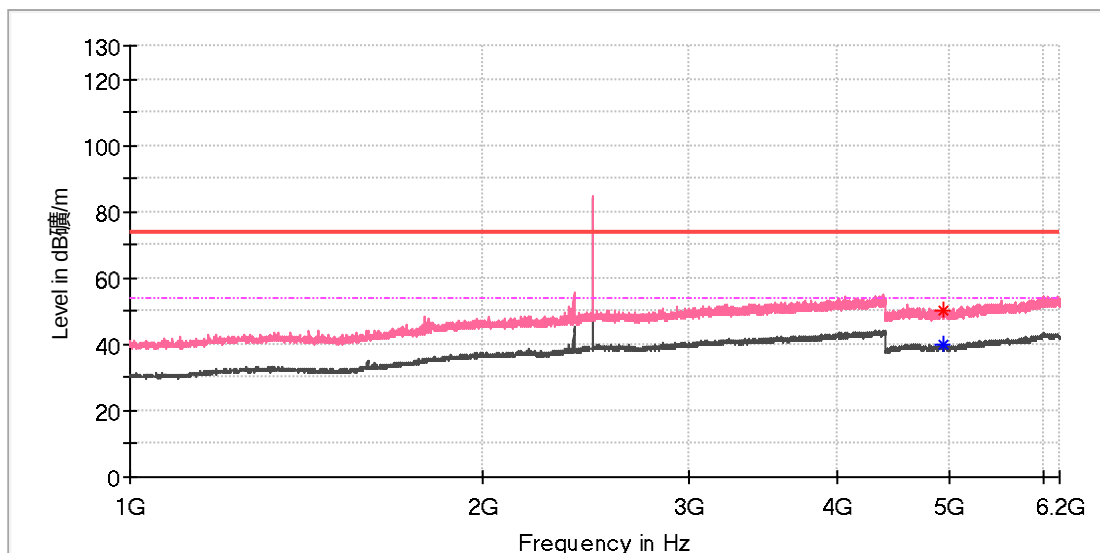
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4959.000000	---	39.83	54.00	14.17	100.0	H	309.0	11.8
4962.500000	51.10	---	74.00	22.90	100.0	H	199.0	11.8

Final_Result

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

EUT Information

EUT Name: 17WFM26Y WI-FI + BT combo module
Model: 17WFM26Y
Test Mode: BR_DH5_High channel
Order No/Sample No: 168444544/A003554099-001
Test Voltage:: DC 5V From USB
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

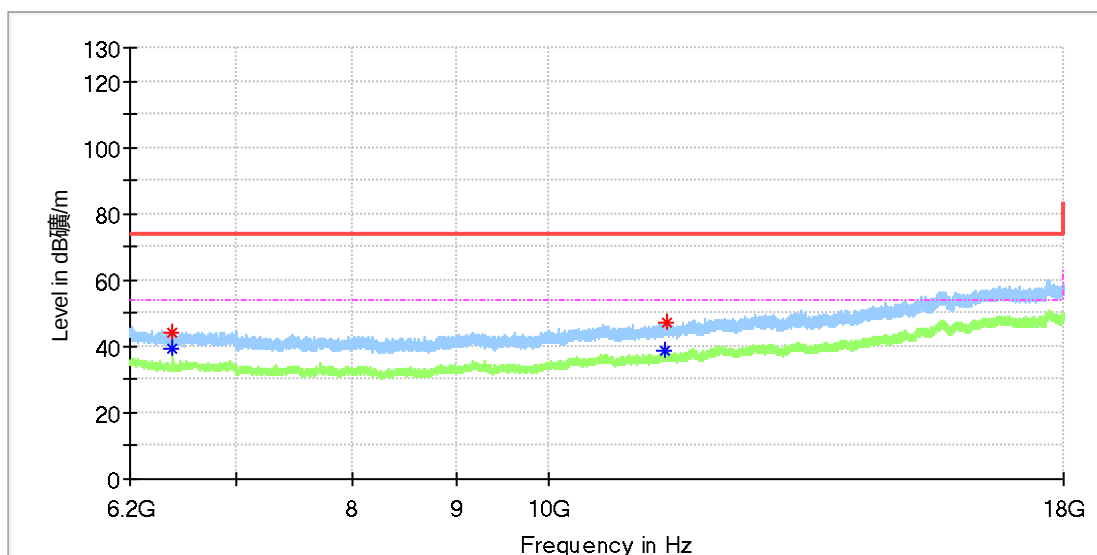
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4933.500000	50.08	---	74.00	23.92	100.0	V	357.0	11.8
4933.500000	---	39.64	54.00	14.36	100.0	V	357.0	11.8

Final_Result

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

EUT Information

EUT Name: 17WFM26Y WI-FI + BT combo module
Model: 17WFM26Y
Test Mode: BR_DH5_High channel
Order No/Sample No: 168444544/A003554099-001
Test Voltage:: DC 5V From USB
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

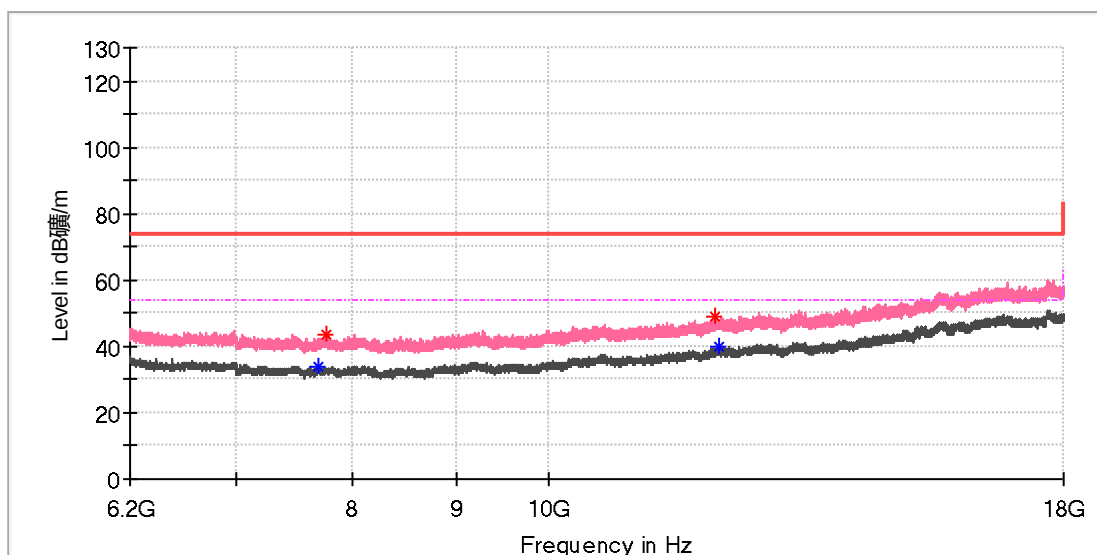
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
6511.716667	---	39.41	54.00	14.59	100.0	H	259.0	8.8
6512.208333	44.31	---	74.00	29.69	100.0	H	247.0	8.8
11421.500000	---	38.42	54.00	15.58	100.0	H	0.0	13.0
11438.216667	47.11	---	74.00	26.89	100.0	H	0.0	13.2

Final_Result

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

EUT Information

EUT Name: 17WFM26Y WI-FI + BT combo module
Model: 17WFM26Y
Test Mode: BR_DH5_High channel
Order No/Sample No: 168444544/A003554099-001
Test Voltage:: DC 5V From USB
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

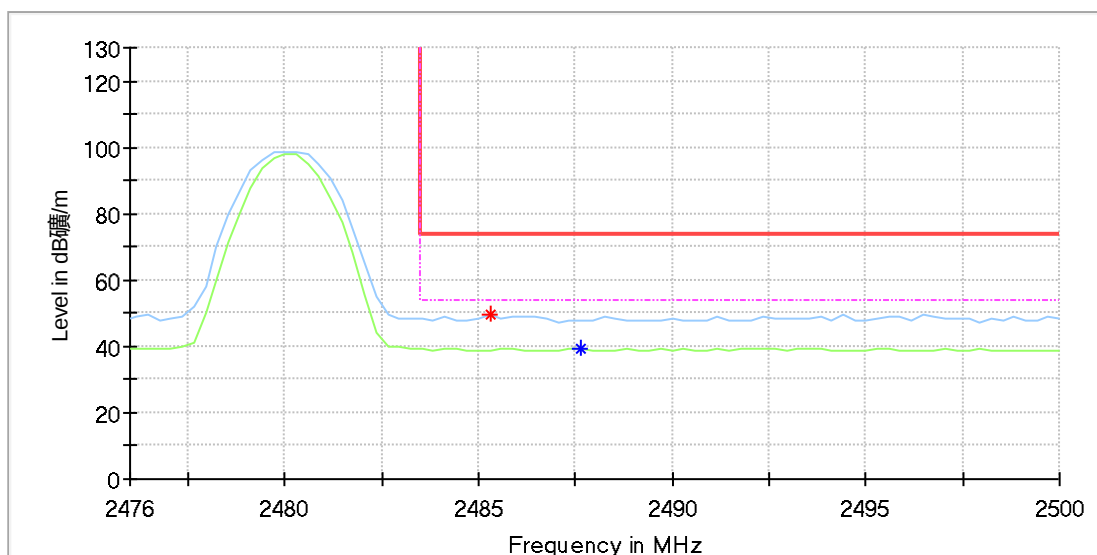
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7690.241667	---	33.96	54.00	20.04	100.0	V	288.0	8.6
7764.975000	43.62	---	74.00	30.38	100.0	V	119.0	8.8
12103.933333	48.96	---	74.00	25.04	100.0	V	119.0	14.2
12156.050000	---	39.83	54.00	14.17	100.0	V	95.0	14.4

Final_Result

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

EUT Information

EUT Name: 17WFM26Y WI-FI + BT combo module
Model: 17WFM26Y
Test Mode: BR_DH5_High channel
Order No/Sample No: 168444544/A003554099-001
Test Voltage:: DC 5V From USB
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

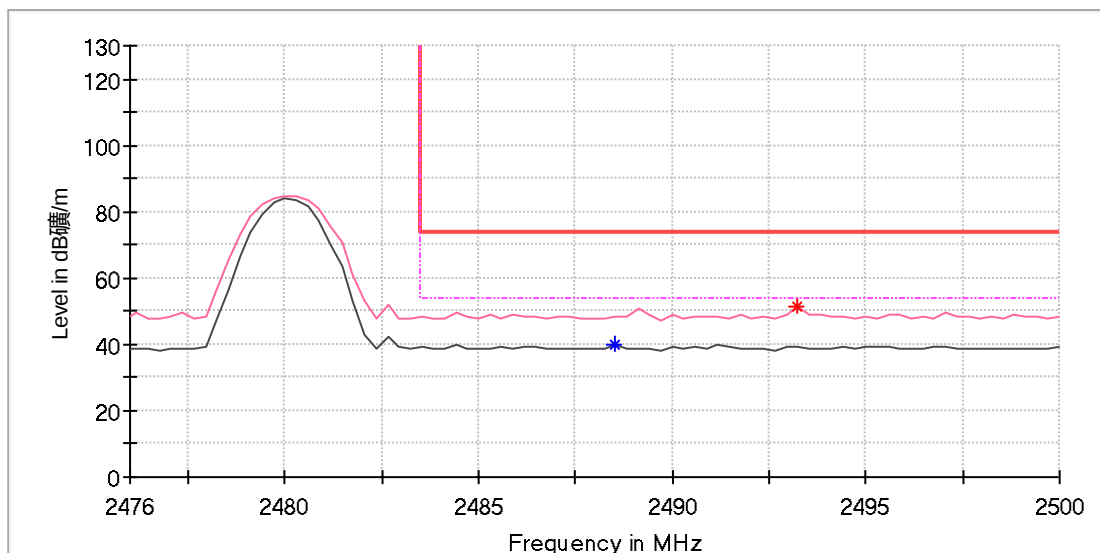
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2485.294118	49.49	---	74.00	24.51	100.0	H	276.0	7.4
2487.647059	---	39.60	54.00	14.40	100.0	H	50.0	7.4

Final_Result

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

EUT Information

EUT Name: 17WFM26Y WI-FI + BT combo module
Model: 17WFM26Y
Test Mode: BR_DH5_High channel
Order No/Sample No: 168444544/A003554099-001
Test Voltage:: DC 5V From USB
Remark: Temp 22 Humi:52%
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)
2488.529412	---	39.95	54.00	14.05	100.0	V	271.0	7.4
2493.235294	51.29	---	74.00	22.71	100.0	V	251.0	7.4

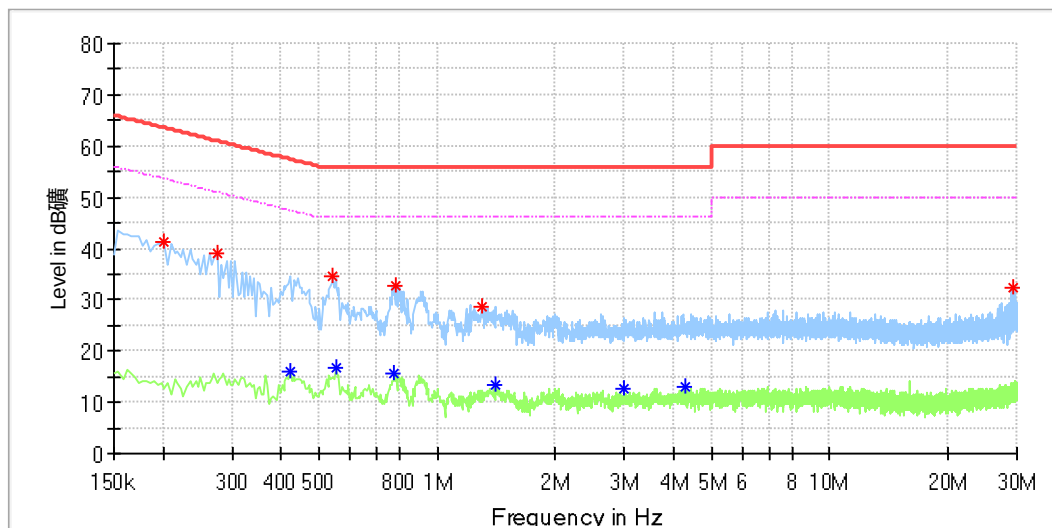
Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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Appendix B.8: Test Results of Conducted Emission on AC Mains

EUT Information

EUT Name: Wi-Fi + BT combo module
Order No: 168367617/A003240432-001
Model: 17WFM26
Test mode: Wi-Fi & BT Link
Test Voltage: AC 120V/60Hz
Test Standard: FCC 15.247/RSS 247
Test By:/Review By: William Wang/Terry Yin
Remark: SR2

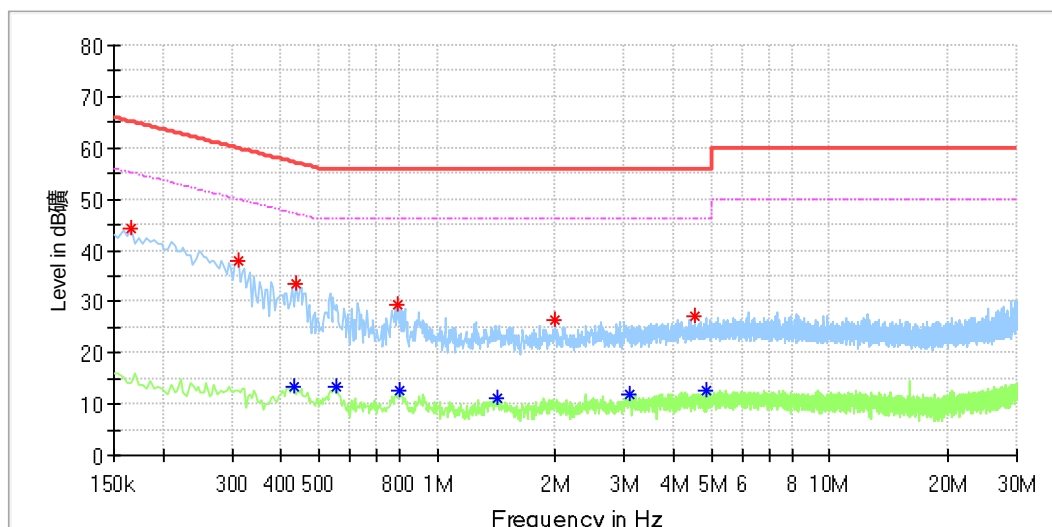


Critical_Freqs

Frequency (MHz)	MaxPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)
0.202000	41.33	---	63.53	22.20	L1	9.9
0.274000	38.99	---	61.00	22.01	L1	9.9
0.422000	---	15.90	47.41	31.51	L1	9.9
0.542000	34.67	---	56.00	21.33	L1	10.0
0.550000	---	16.87	46.00	29.13	L1	10.0
0.778000	---	15.51	46.00	30.49	L1	10.0
0.786000	32.88	---	56.00	23.12	L1	10.0
1.294000	28.64	---	56.00	27.36	L1	10.1
1.410000	---	13.27	46.00	32.73	L1	10.1
2.990000	---	12.62	46.00	33.38	L1	10.2
4.262000	---	12.92	46.00	33.08	L1	10.2
29.378000	32.20	---	60.00	27.80	L1	10.4

EUT Information

EUT Name:	Wi-Fi + BT combo module
Order No:	168367617/A003240432-001
Model:	17WFM26
Test mode:	Wi-Fi & BT Link
Test Voltage:	AC 120V/60Hz
Test Standard:	FCC 15.247/RSS 247
Test By:/Review By:	William Wang/Terry Yin
Remark:	SR2



Critical_Freqs

Frequency (MHz)	MaxPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)
0.166000	44.12	---	65.16	21.04	N	9.8
0.310000	38.11	---	59.97	21.86	N	9.8
0.430000	---	13.32	47.25	33.93	N	9.8
0.438000	33.46	---	57.10	23.64	N	9.8
0.554000	---	13.55	46.00	32.45	N	9.8
0.790000	29.39	---	56.00	26.61	N	9.8
0.798000	---	12.66	46.00	33.34	N	9.8
1.430000	---	11.13	46.00	34.87	N	9.8
1.990000	26.27	---	56.00	29.73	N	9.8
3.102000	---	12.08	46.00	33.92	N	9.9
4.546000	27.13	---	56.00	28.87	N	9.9
4.842000	---	12.77	46.00	33.23	N	9.9