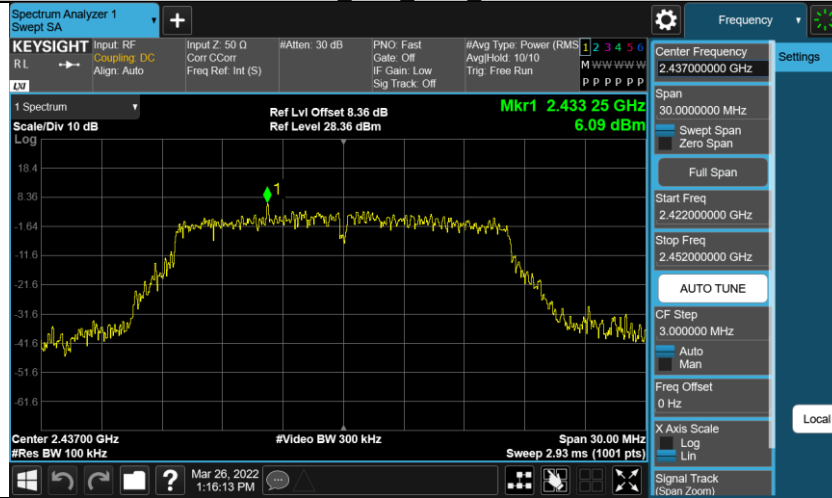
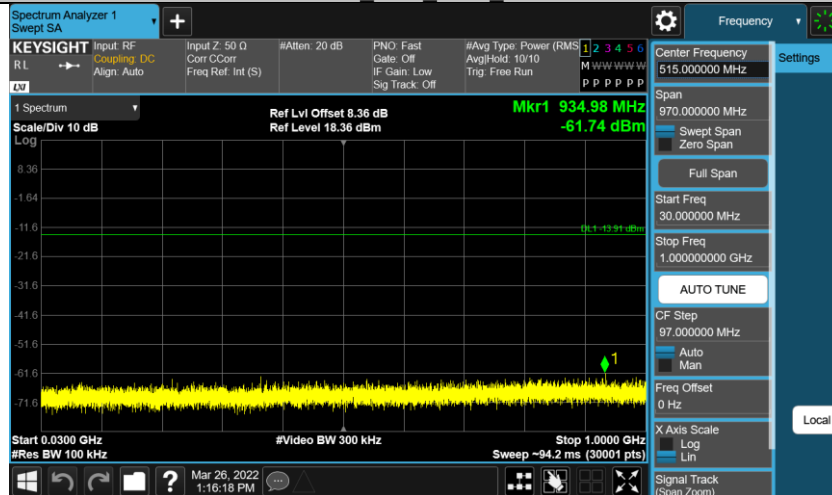


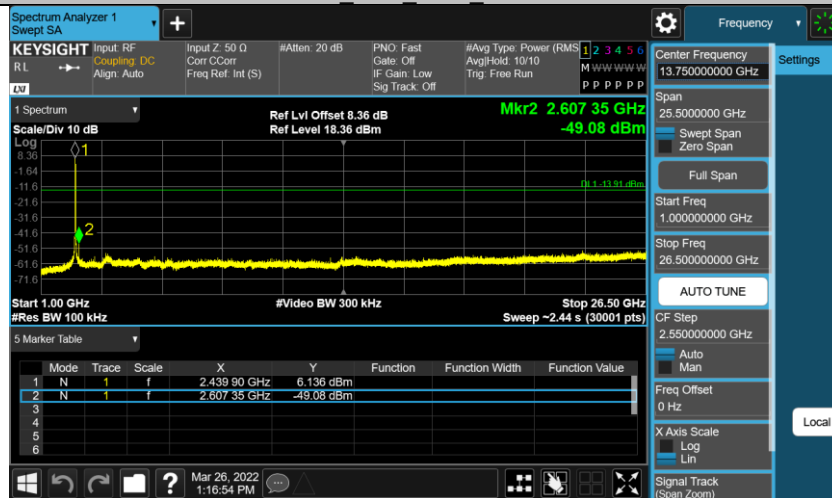
11G-CDD Ant1_2437_0~Reference



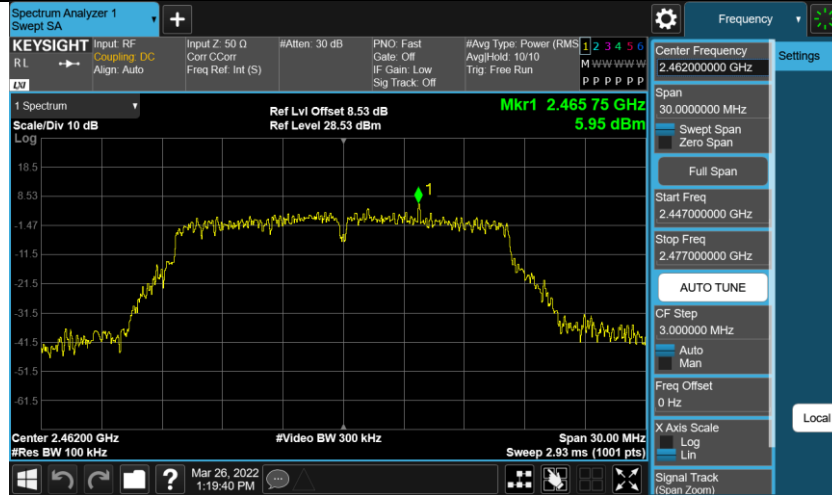
11G-CDD Ant1_2437_30~1000



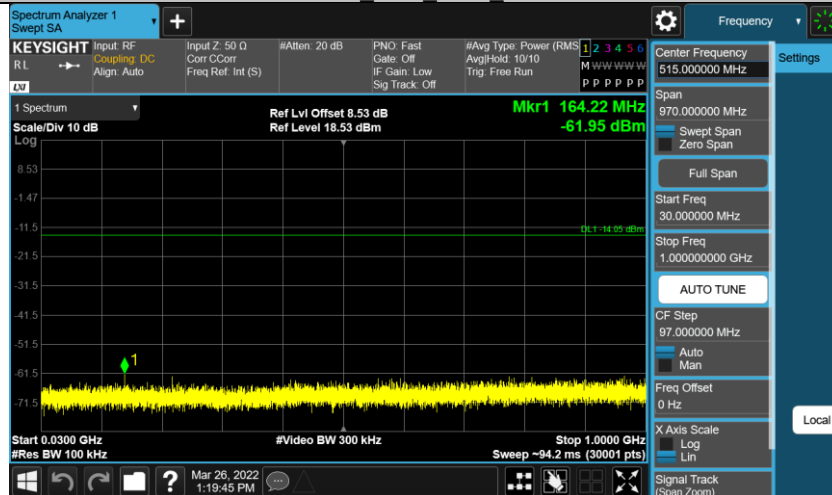
11G-CDD Ant1_2437_1000~26500



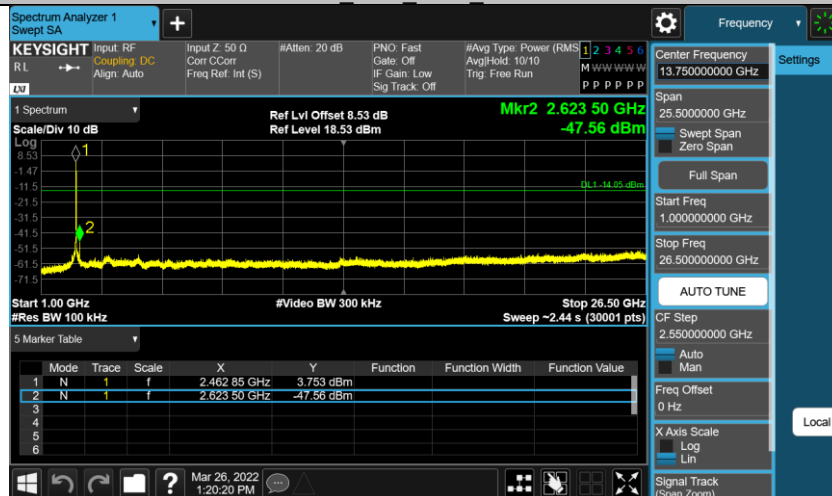
11G-CDD Ant1_2462_0~Reference



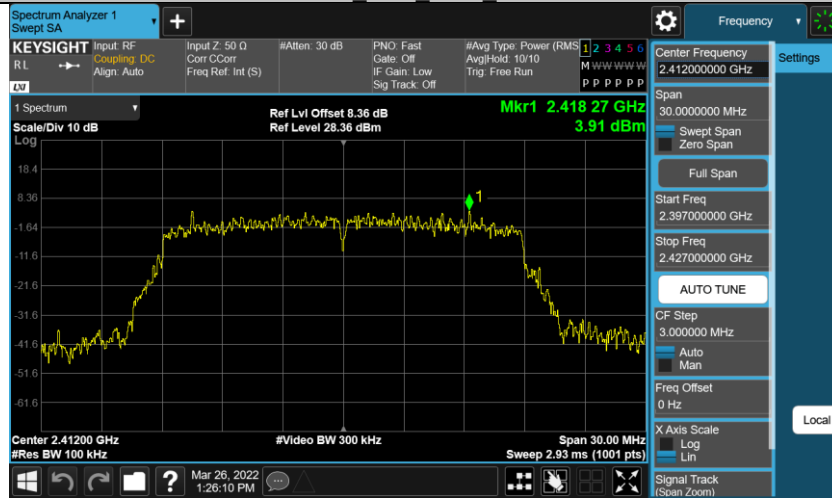
11G-CDD Ant1_2462_30~1000



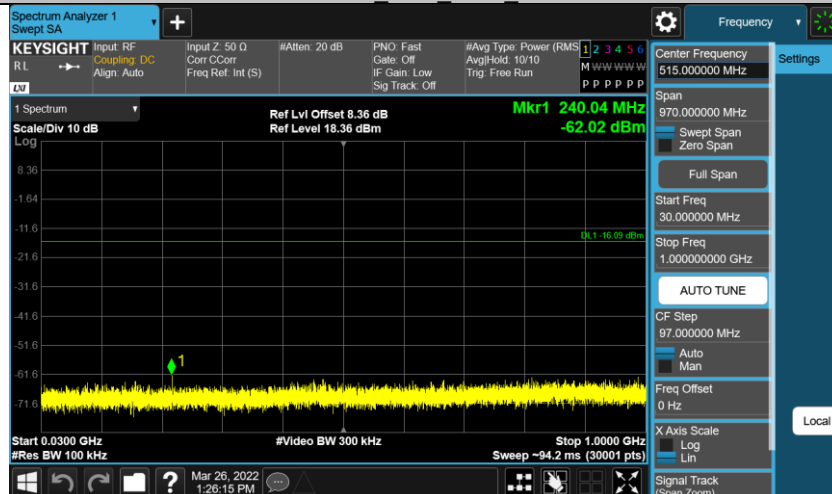
11G-CDD Ant1_2462_1000~26500



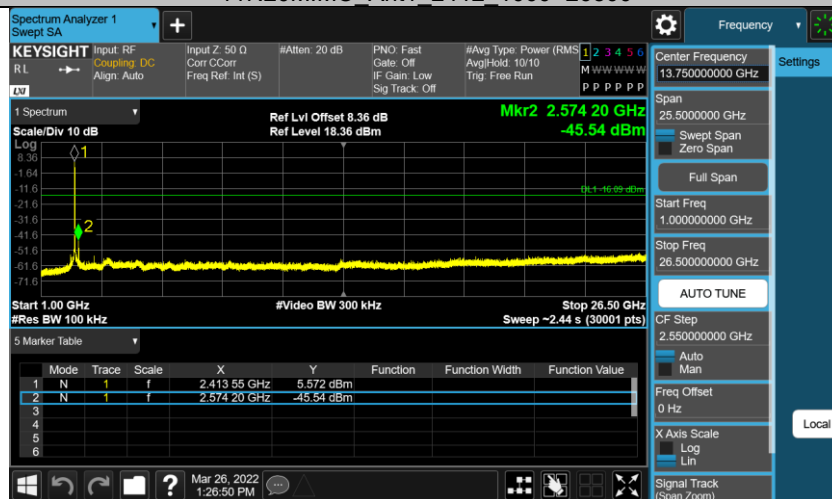
11N20MIMO Ant1_2412_0~Reference



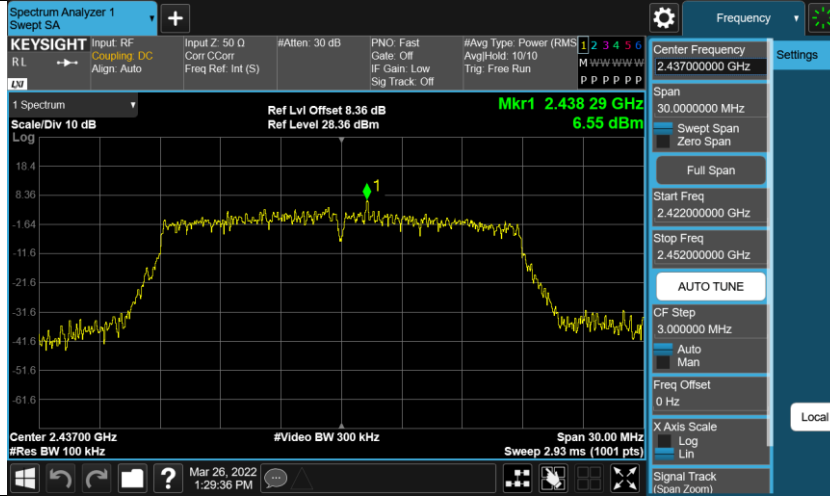
11N20MIMO Ant1_2412_30~1000



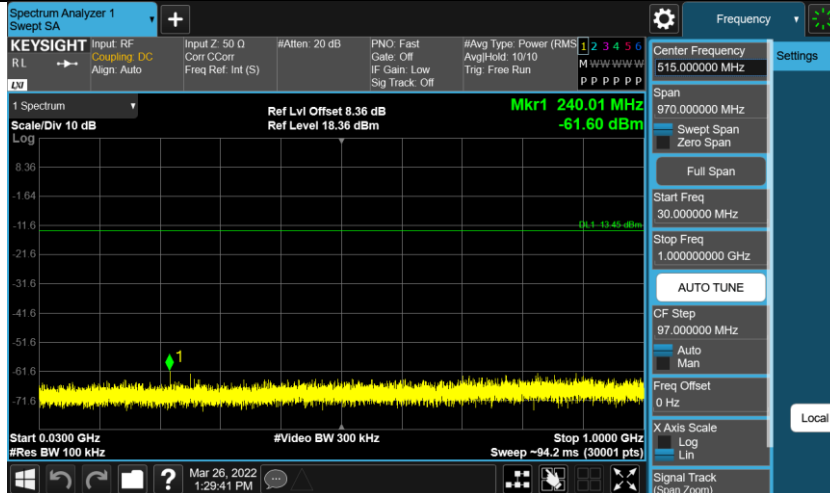
11N20MIMO Ant1_2412_1000~26500



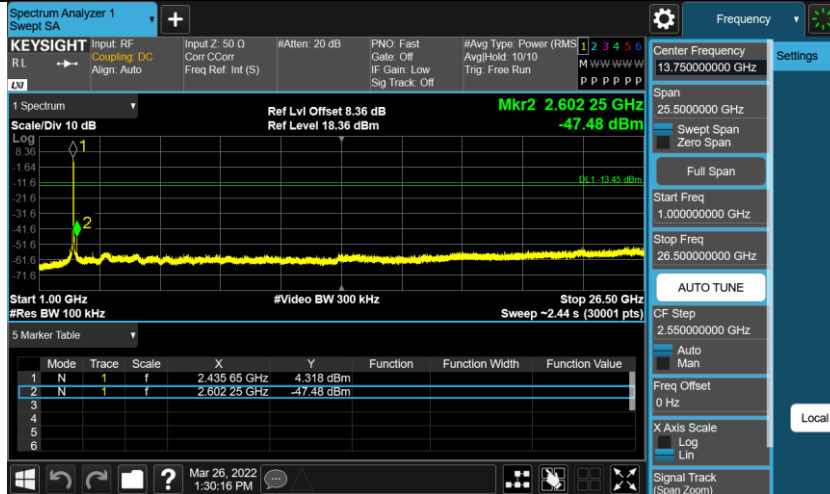
11N20MIMO Ant1_2437_0~Reference



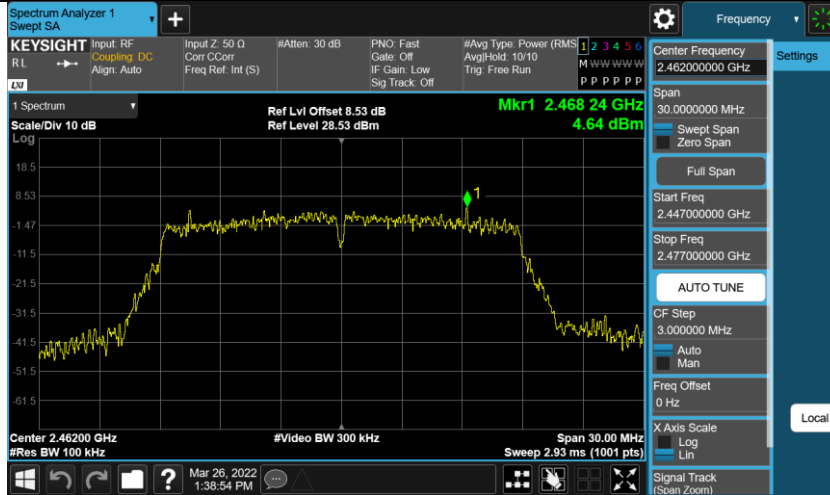
11N20MIMO Ant1_2437_30~1000



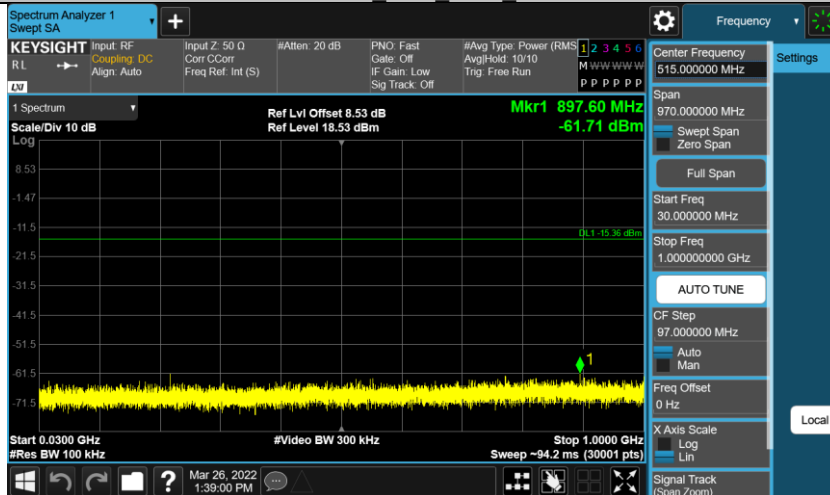
11N20MIMO Ant1_2437_1000~26500



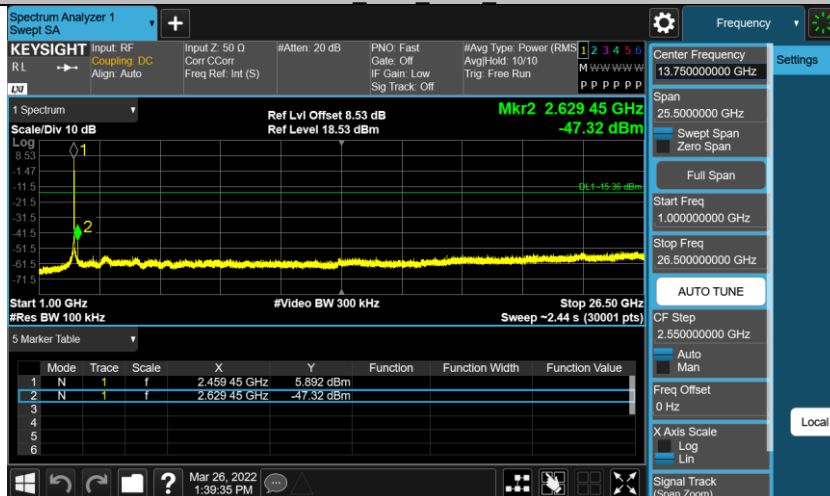
11N20MIMO Ant1_2462_0~Reference



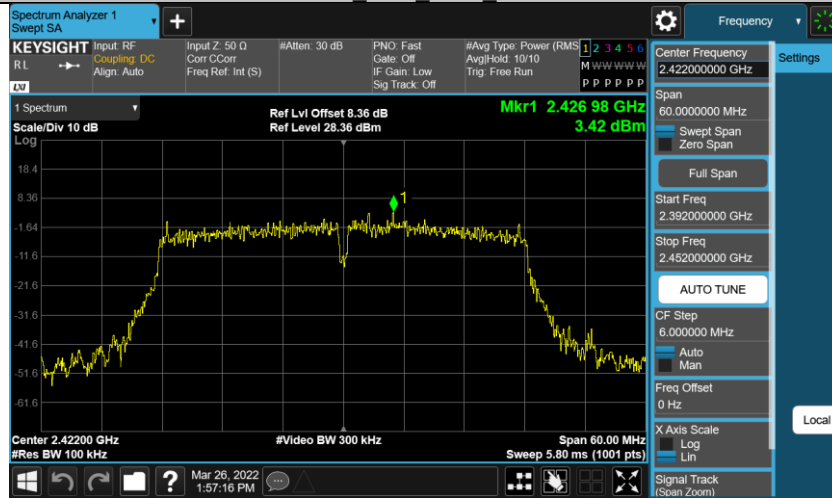
11N20MIMO Ant1_2462_30~1000



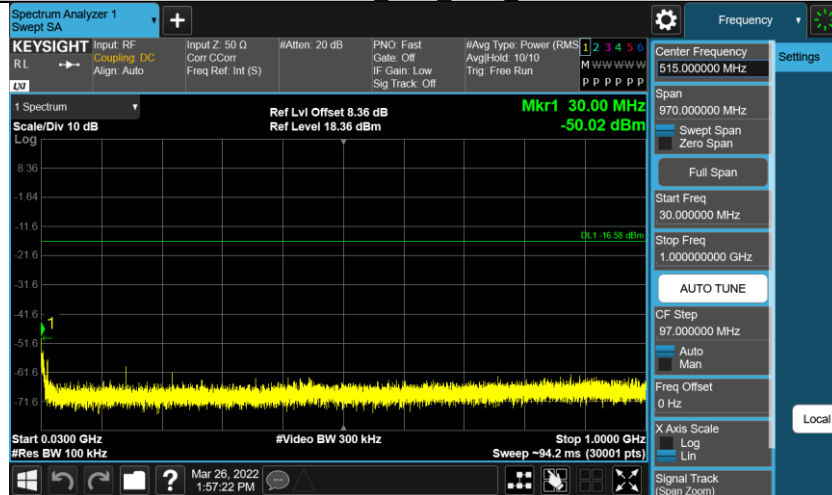
11N20MIMO Ant1_2462_1000~26500



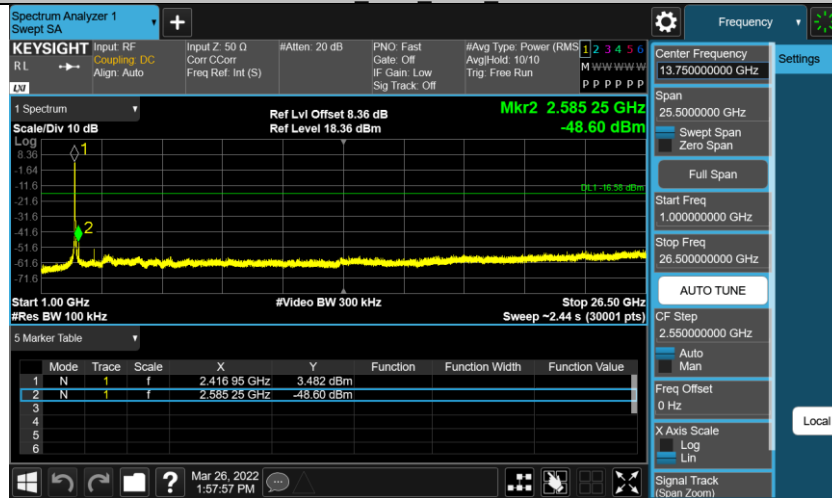
11N40MIMO Ant1_2422_0~Reference



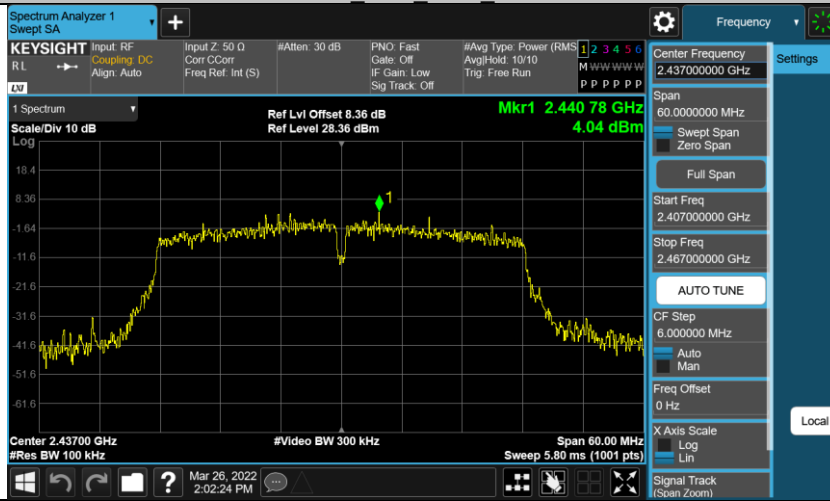
11N40MIMO Ant1_2422_30~1000



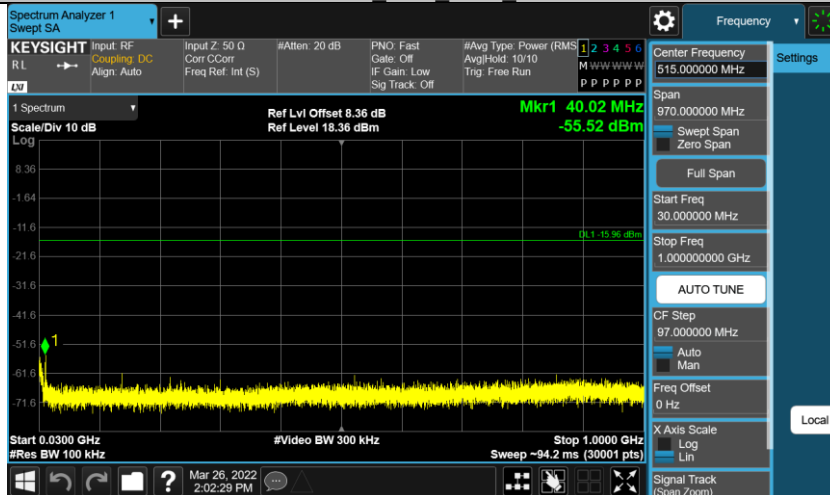
11N40MIMO Ant1_2422_1000~26500



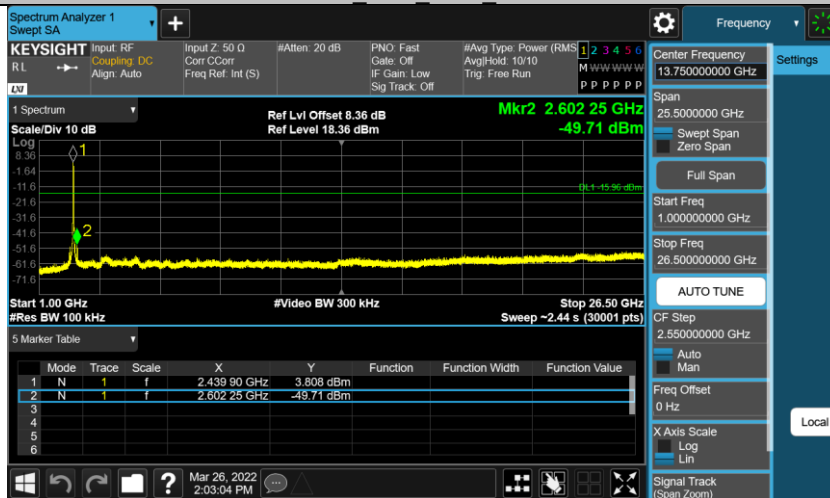
11N40MIMO Ant1_2437_0~Reference



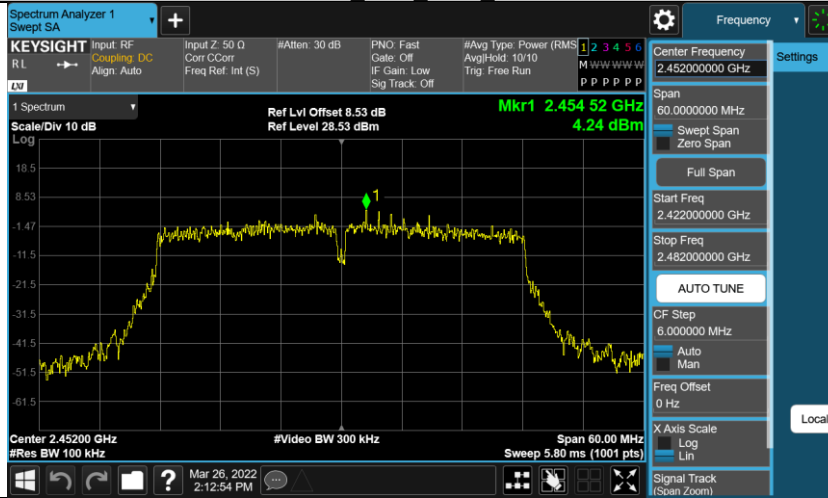
11N40MIMO Ant1_2437_30~1000



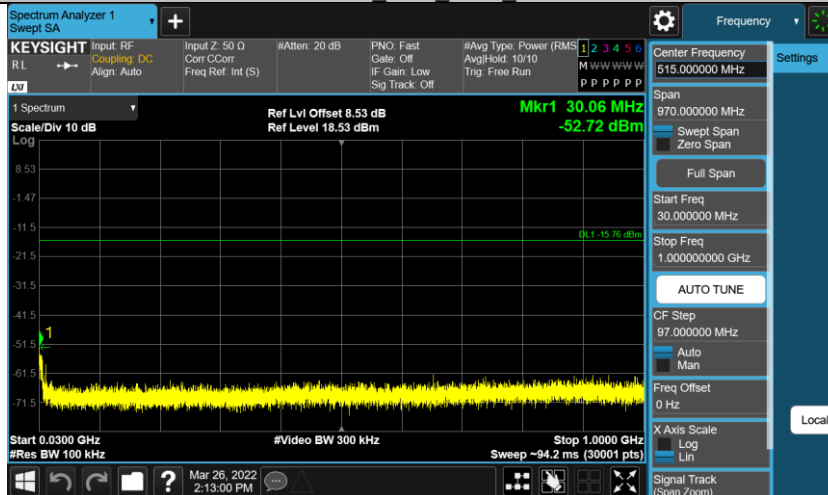
11N40MIMO Ant1_2437_1000~26500



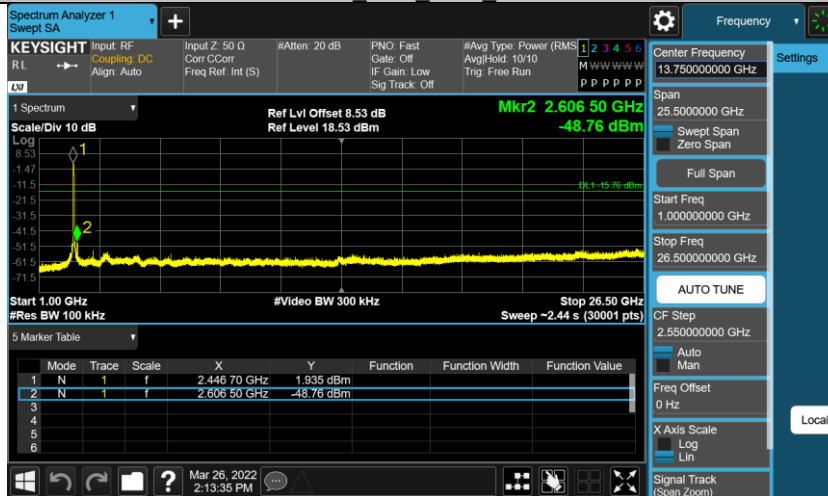
11N40MIMO Ant1_2452_0~Reference



11N40MIMO Ant1_2452_30~1000

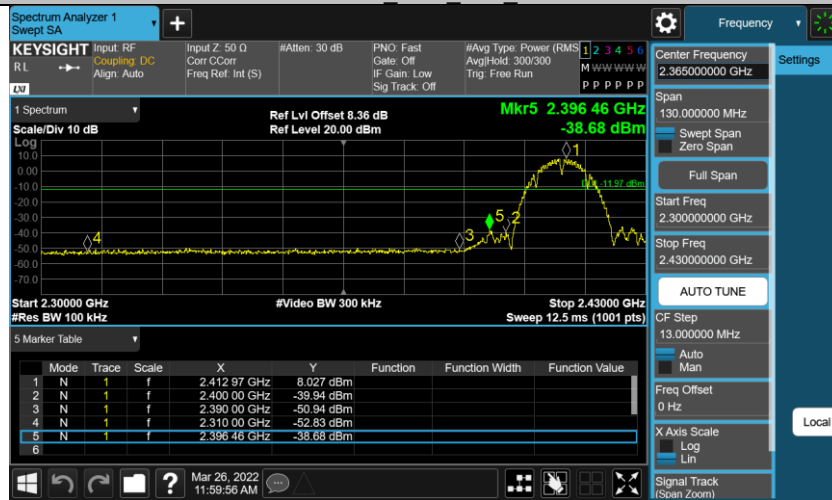


11N40MIMO Ant1_2452_1000~26500



TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	8.03	-38.68	≤-11.97	PASS
		High	2462	8.19	-48.66	≤-11.82	PASS
11G	Ant1	Low	2412	6.64	-35.39	≤-13.36	PASS
		High	2462	6.55	-44.12	≤-13.45	PASS
11N20	Ant1	Low	2412	6.21	-35.4	≤-13.79	PASS
		High	2462	7.23	-43.47	≤-12.77	PASS
11N40	Ant1	Low	2422	4.49	-34.33	≤-15.51	PASS
		High	2452	4.11	-39.96	≤-15.89	PASS

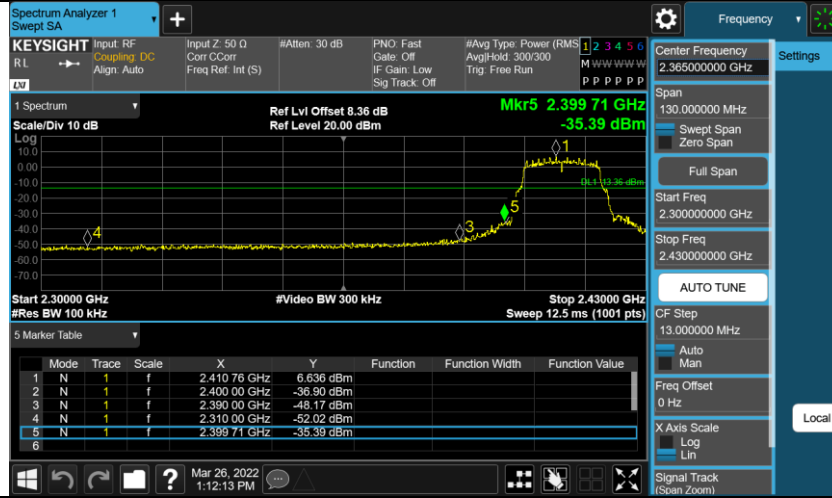
11B-CDD Ant1 Low 2412



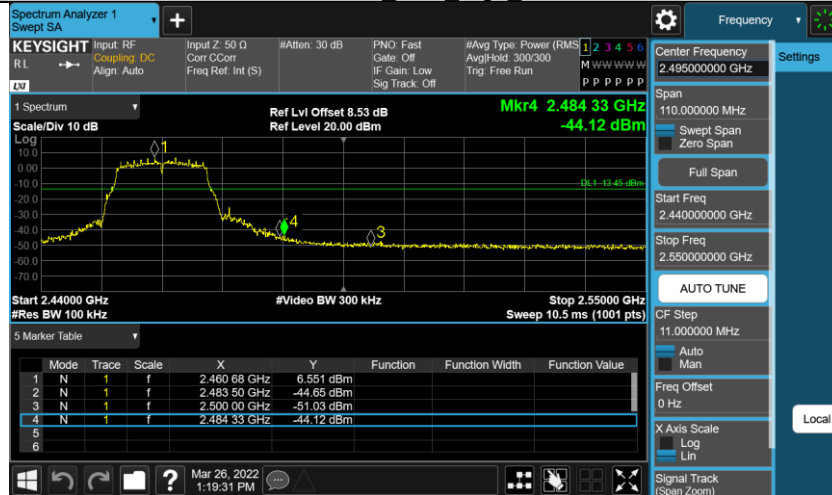
11B-CDD Ant1 High 2462



11G-CDD Ant1 Low 2412



11G-CDD Ant1 High 2462



11N20MIMO Ant1 Low 2412



11N20MIMO Ant1 High 2462



11N40MIMO Ant1 Low 2422



11N40MIMO Ant1 High 2452



Appendix B.5: 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.

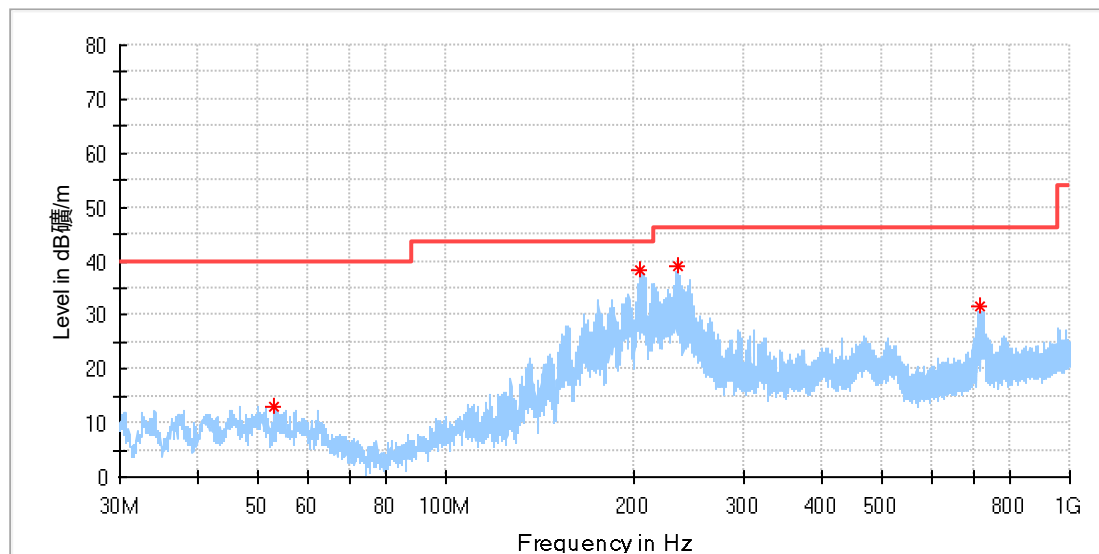
Note 2: The highest emissions are the fundamental waves.

Note 3: All modes and ports tested, only the worst-case reported.

30MHz - 1GHz (Worst case)

EUT Information

EUT Name:	Wi-Fi Module
Model:	WF-M63B-UWP1
Test Mode:	WiFi 2.4G_11b_Ch6
Order No/Sample No:	168361390/A003220167-006
Test Voltage::	DC 5V From USB
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

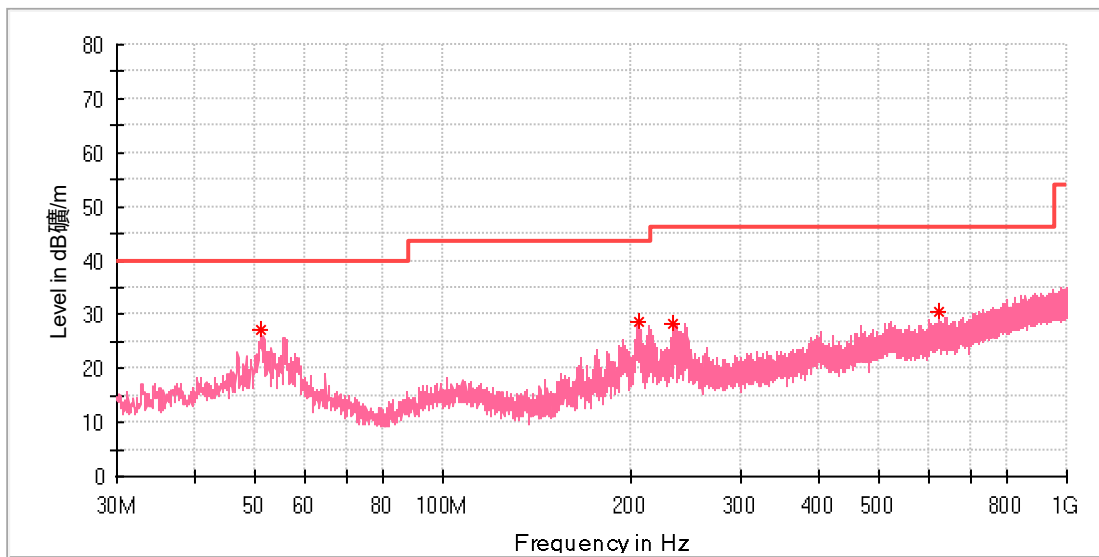
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
53.130769	13.15	40.00	26.85	100.0	H	227.0	-18.7
204.189615	38.15	43.50	5.35	100.0	H	251.0	-19.3
235.229615	38.91	46.00	7.09	100.0	H	75.0	-18.2
715.267692	31.67	46.00	14.33	100.0	H	211.0	-8.2

Final_Result

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

EUT Information

EUT Name:	Wi-Fi Module
Model:	WF-M63B-UWP1
Test Mode:	WiFi 2.4G_11b_Ch6
Order No/Sample No:	168361390/A003220167-006
Test Voltage::	DC 5V From USB
Remark:	Temp 23 Humi:56%
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)
51.146000	27.31	40.00	12.69	100.0	V	159.0	-18.3
206.297500	28.60	43.50	14.90	100.0	V	186.0	-18.9
233.797000	28.27	46.00	17.73	100.0	V	96.0	-17.9
623.882500	30.51	46.00	15.49	100.0	V	76.0	-9.5

Final Result

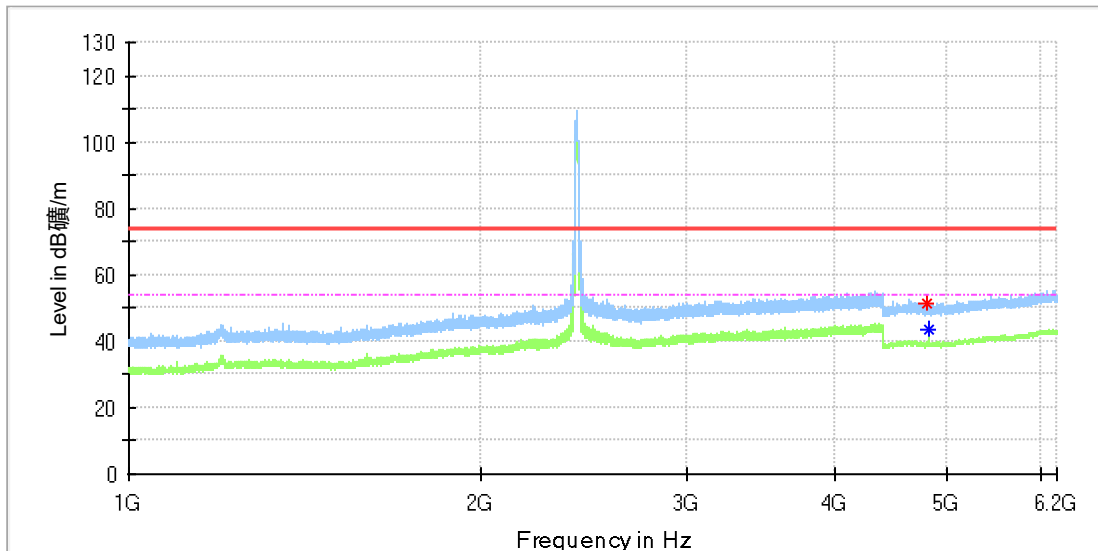
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

Above 1GHz

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

EUT Information

EUT Name:	Wi-Fi Module
Model:	WF-M63B-UWP1
Test Mode:	WiFi 2.4G_11b_Ch1
Order No/Sample No:	168361390/A003220167-006
Test Voltage::	DC 5V From USB
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

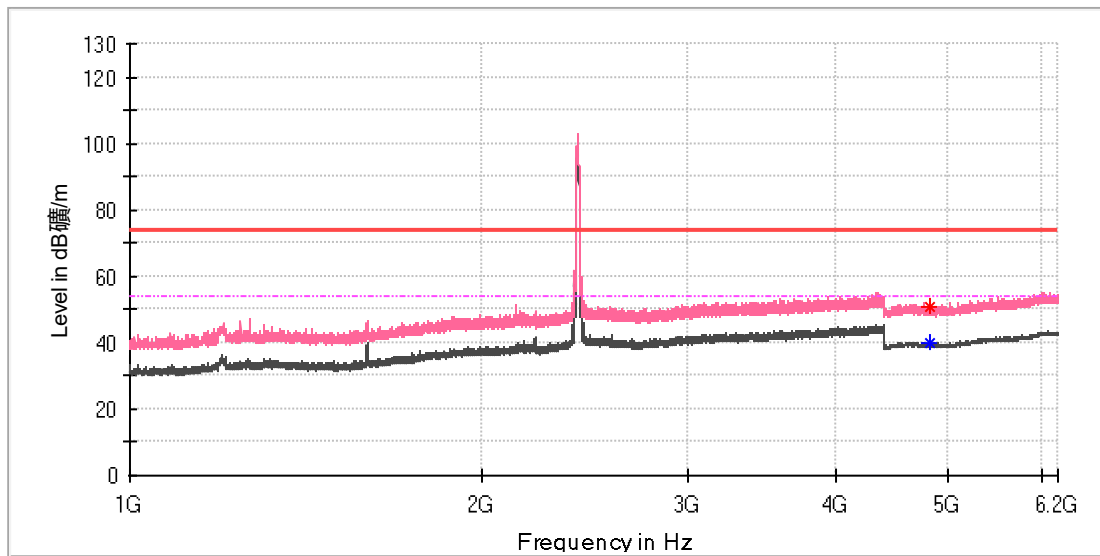
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4807.000000	51.34	---	74.00	22.66	100.0	H	215.0	11.8
4824.000000	---	43.29	54.00	10.71	100.0	H	62.0	11.8

Final Result

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

EUT Information

EUT Name:	Wi-Fi Module
Model:	WF-M63B-UWP1
Test Mode:	WiFi 2.4G_11b_Ch1
Order No/Sample No:	168361390/A003220167-006
Test Voltage::	DC 5V From USB
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

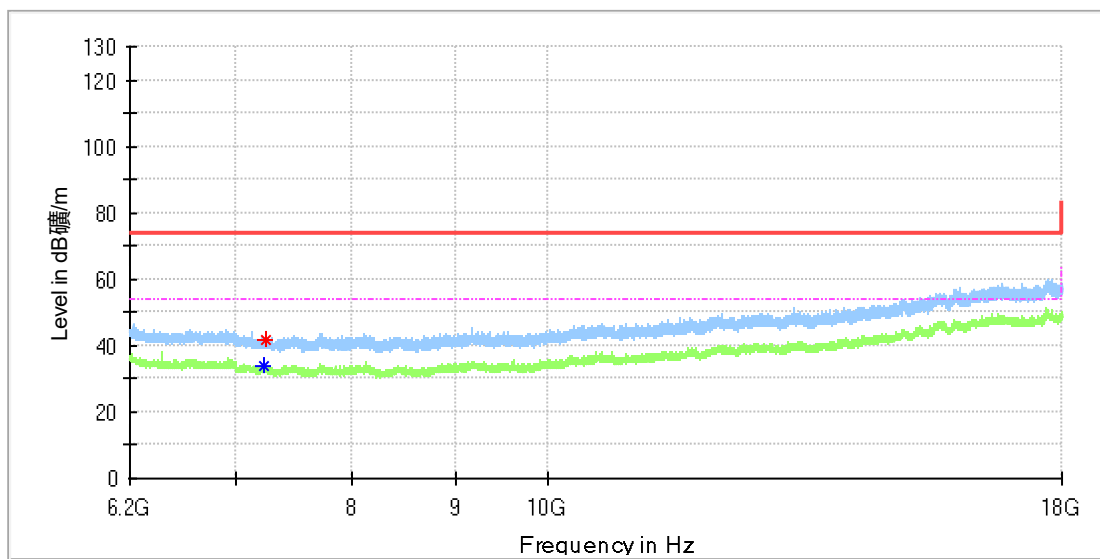
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4823.500000	---	39.83	54.00	14.17	100.0	V	122.0	11.8
4824.000000	50.61	---	74.00	23.39	100.0	V	25.0	11.8

Final_Result

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

EUT Information

EUT Name:	Wi-Fi Module
Model:	WF-M63B-UWP1
Test Mode:	WiFi 2.4G_11b_Ch1
Order No/Sample No:	168361390/A003220167-006
Test Voltage::	DC 5V From USB
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

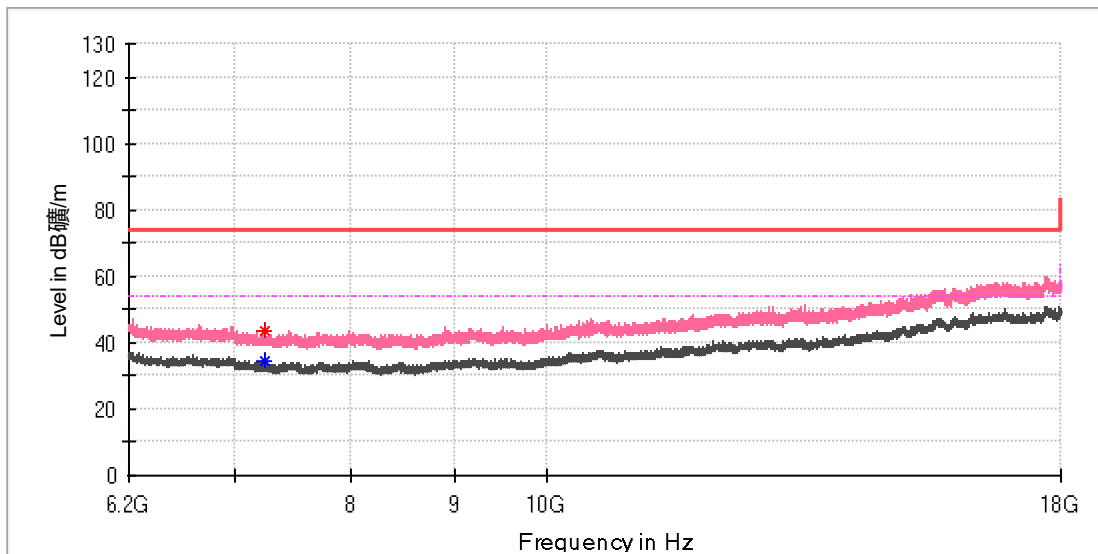
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7223.650000	---	34.01	54.00	19.99	100.0	H	337.0	8.7
7235.450000	41.97	---	74.00	32.03	100.0	H	205.0	8.6

Final Result

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

EUT Name: Wi-Fi Module
 Model: WF-M63B-UWP1
 Test Mode: WiFi 2.4G_11b_Ch1
 Order No/Sample No: 168361390/A003220167-006
 Test Voltage:: DC 5V From USB
 Remark: Temp 23 Humi:56%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

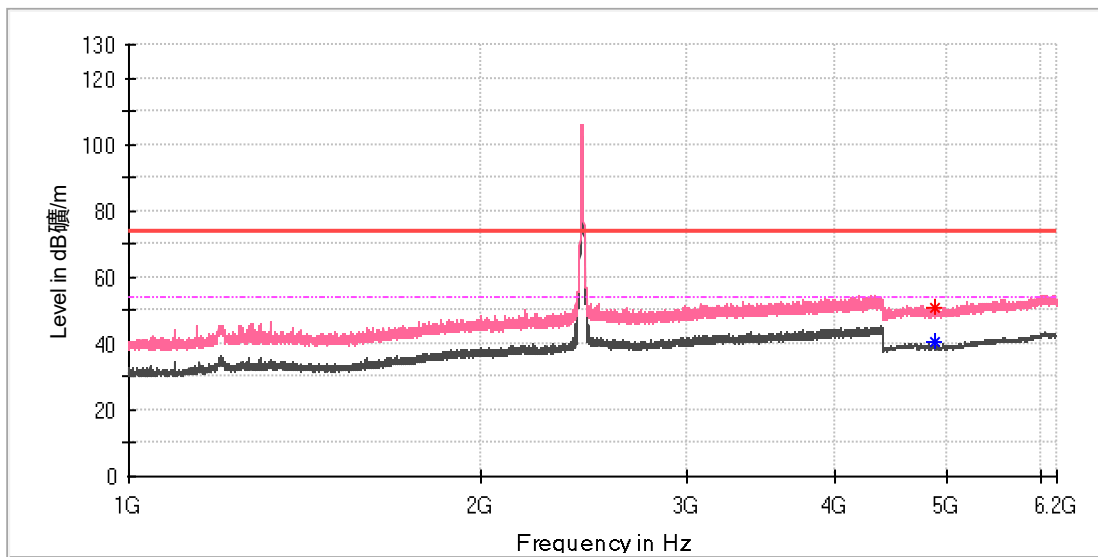
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7237.416667	43.72	---	74.00	30.28	100.0	V	294.0	8.6
7237.908333	---	34.68	54.00	19.32	100.0	V	339.0	8.6

Final_Result

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

EUT Name:	Wi-Fi Module
Model:	WF-M63B-UWP1
Test Mode:	WiFi 2.4G_11b_Ch6
Order No/Sample No:	168361390/A003220167-006
Test Voltage::	DC 5V From USB
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

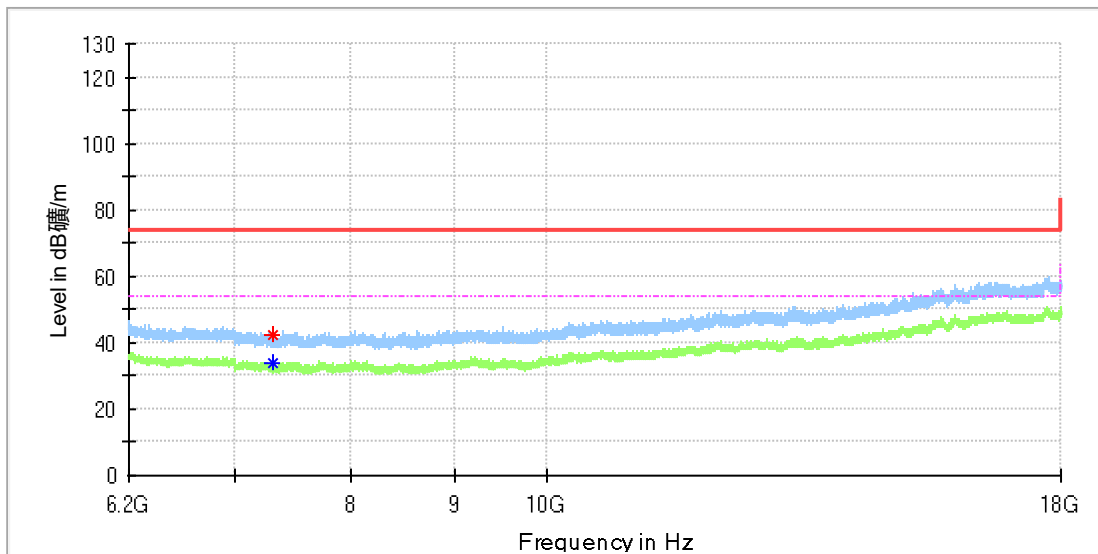
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4873.500000	---	40.68	54.00	13.32	100.0	V	101.0	11.8
4877.000000	50.73	---	74.00	23.27	100.0	V	146.0	11.8

Final Result

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

EUT Name: Wi-Fi Module
 Model: WF-M63B-UWP1
 Test Mode: WiFi 2.4G_11b_Ch6
 Order No/Sample No: 168361390/A003220167-006
 Test Voltage:: DC 5V From USB
 Remark: Temp 23 Humi:56%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

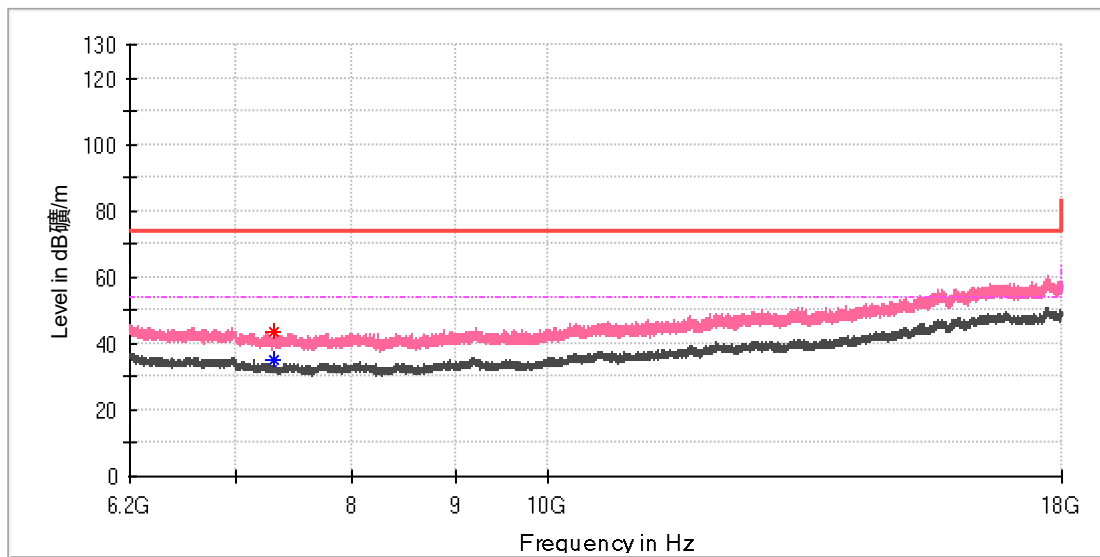
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7309.200000	---	34.09	54.00	19.91	100.0	H	55.0	8.2
7312.150000	42.28	---	74.00	31.72	100.0	H	133.0	8.2

Final_Result

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

EUT Information

EUT Name:	Wi-Fi Module
Model:	WF-M63B-UWP1
Test Mode:	WiFi 2.4G_11b_Ch6
Order No/Sample No:	168361390/A003220167-006
Test Voltage::	DC 5V From USB
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

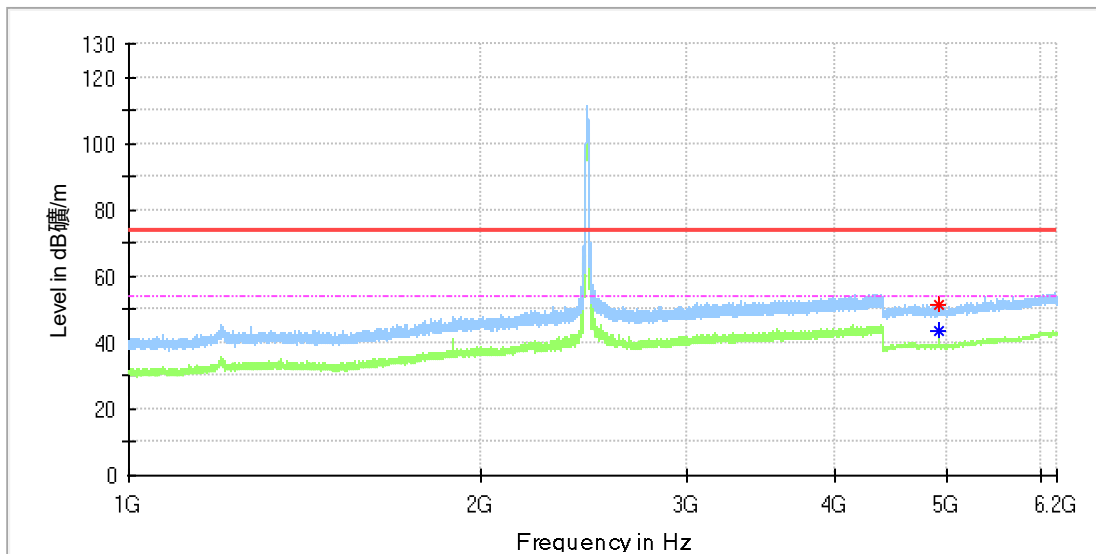
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7306.741667	43.57	---	74.00	30.43	100.0	V	307.0	8.3
7308.708333	---	34.92	54.00	19.08	100.0	V	320.0	8.2

Final Result

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

EUT Information

EUT Name: Wi-Fi Module
 Model: WF-M63B-UWP1
 Test Mode: WiFi 2.4G_11b_Ch11
 Order No/Sample No: 168361390/A003220167-006
 Test Voltage:: DC 5V From USB
 Remark: Temp 23 Humi:56%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

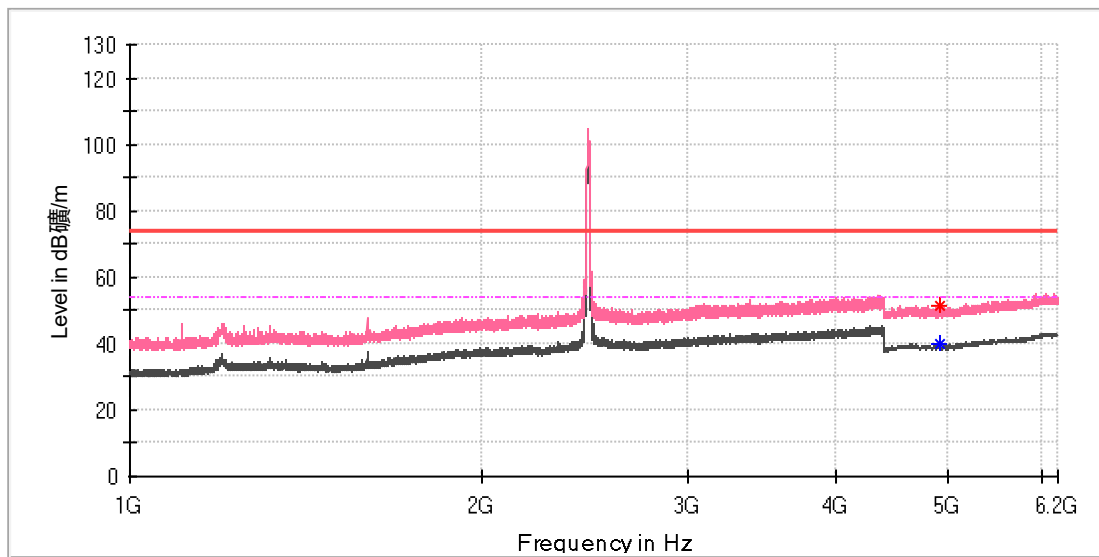
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4923.500000	51.36	---	74.00	22.64	100.0	H	172.0	11.8
4924.000000	---	43.32	54.00	10.68	100.0	H	157.0	11.8

Final_Result

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

EUT Information

EUT Name:	Wi-Fi Module
Model:	WF-M63B-UWP1
Test Mode:	WiFi 2.4G_11b_Ch11
Order No/Sample No:	168361390/A003220167-006
Test Voltage:	DC 5V From USB
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

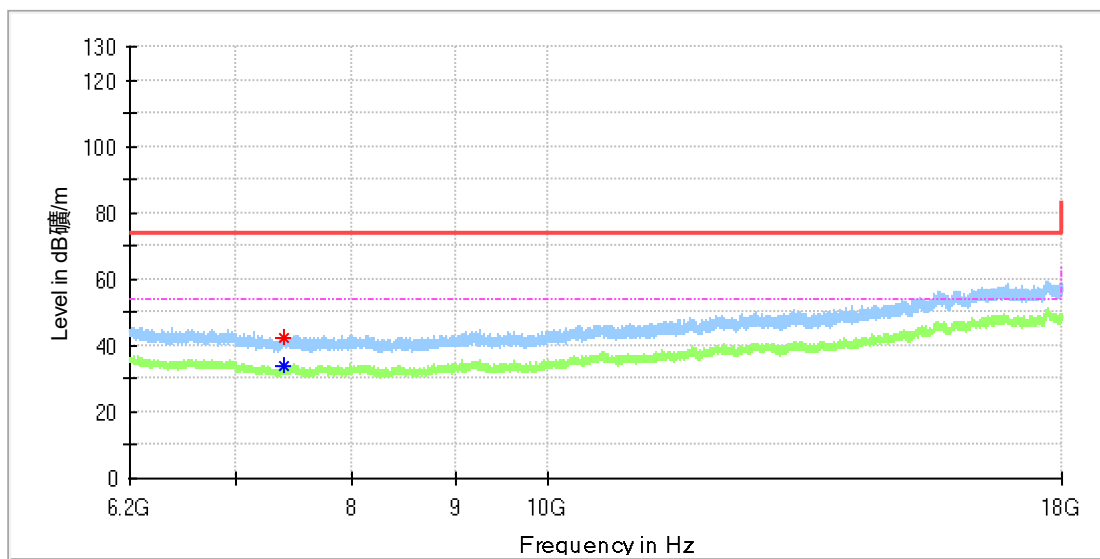
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4911.000000	51.10	---	74.00	22.90	100.0	V	322.0	11.8
4924.000000	---	39.96	54.00	14.04	100.0	V	82.0	11.8

Final Result

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

EUT Information

EUT Name:	Wi-Fi Module
Model:	WF-M63B-UWP1
Test Mode:	WiFi 2.4G_11b_Ch11
Order No/Sample No:	168361390/A003220167-006
Test Voltage::	DC 5V From USB
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

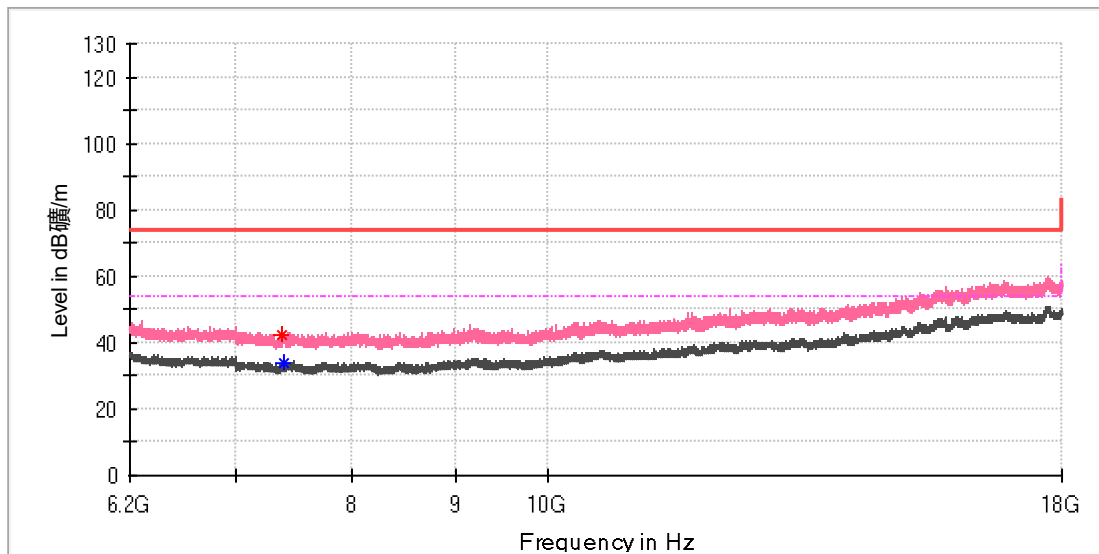
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7393.766667	42.30	---	74.00	31.70	100.0	H	206.0	8.3
7397.208333	---	33.56	54.00	20.44	100.0	H	53.0	8.3

Final Result

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

EUT Information

EUT Name: Wi-Fi Module
 Model: WF-M63B-UWP1
 Test Mode: WiFi 2.4G_11b_Ch11
 Order No/Sample No: 168361390/A003220167-006
 Test Voltage:: DC 5V From USB
 Remark: Temp 23 Humi:56%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

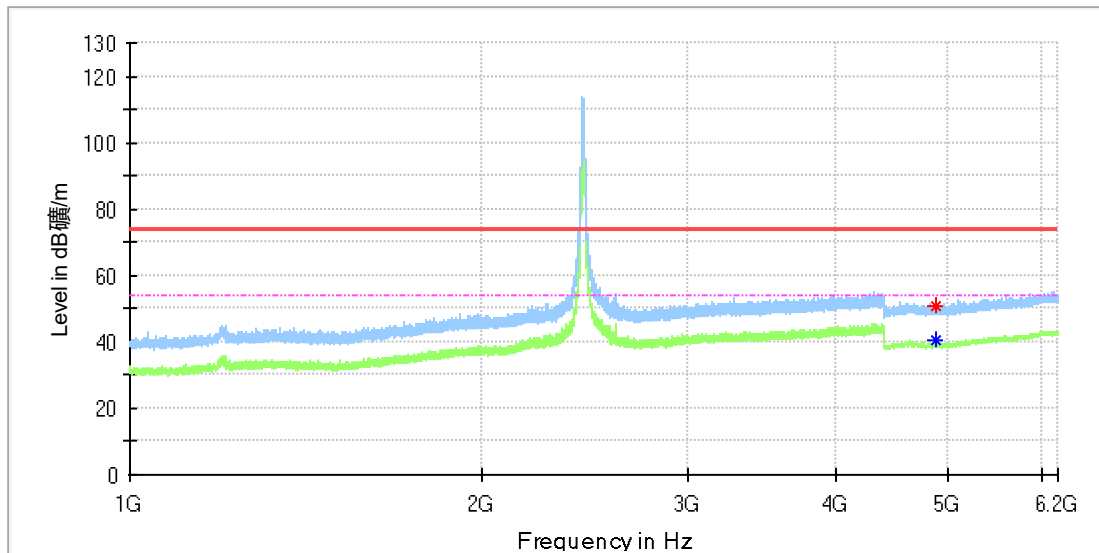
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7372.625000	42.27	---	74.00	31.73	100.0	V	0.0	8.2
7386.391667	---	33.71	54.00	20.29	100.0	V	335.0	8.2

Final_Result

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

EUT Information

EUT Name:	Wi-Fi Module
Model:	WF-M63B-UWP1
Test Mode:	WiFi 2.4G_11g_Ch6
Order No/Sample No:	168361390/A003220167-006
Test Voltage::	DC 5V From USB
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

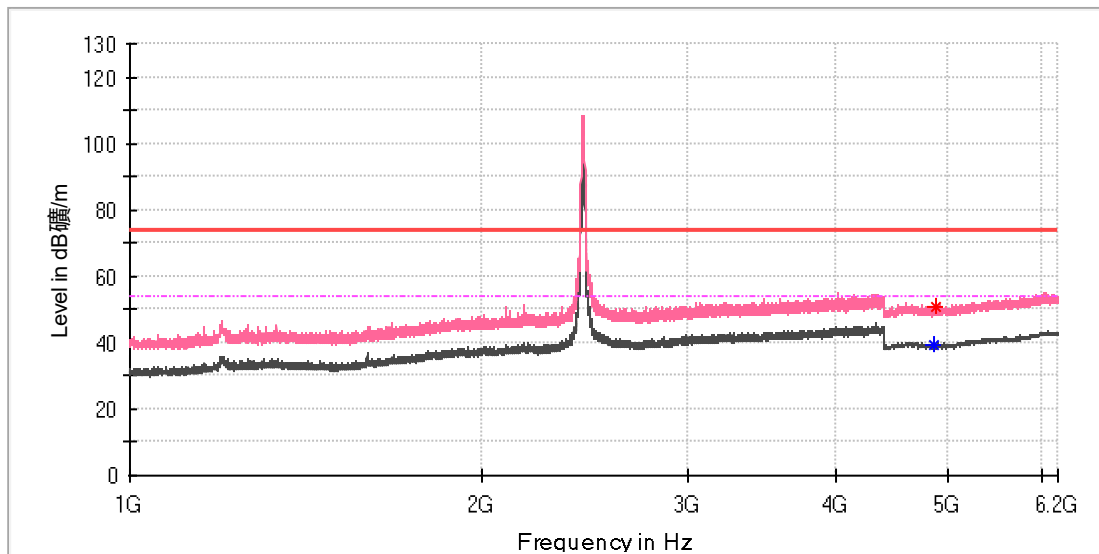
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4873.500000	51.09	---	74.00	22.91	100.0	H	143.0	11.8
4876.500000	---	40.40	54.00	13.60	100.0	H	121.0	11.8

Final_Result

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

EUT Information

EUT Name: Wi-Fi Module
 Model: WF-M63B-UWP1
 Test Mode: WiFi 2.4G_11g_Ch6
 Order No/Sample No: 168361390/A003220167-006
 Test Voltage:: DC 5V From USB
 Remark: Temp 23 Humi:56%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

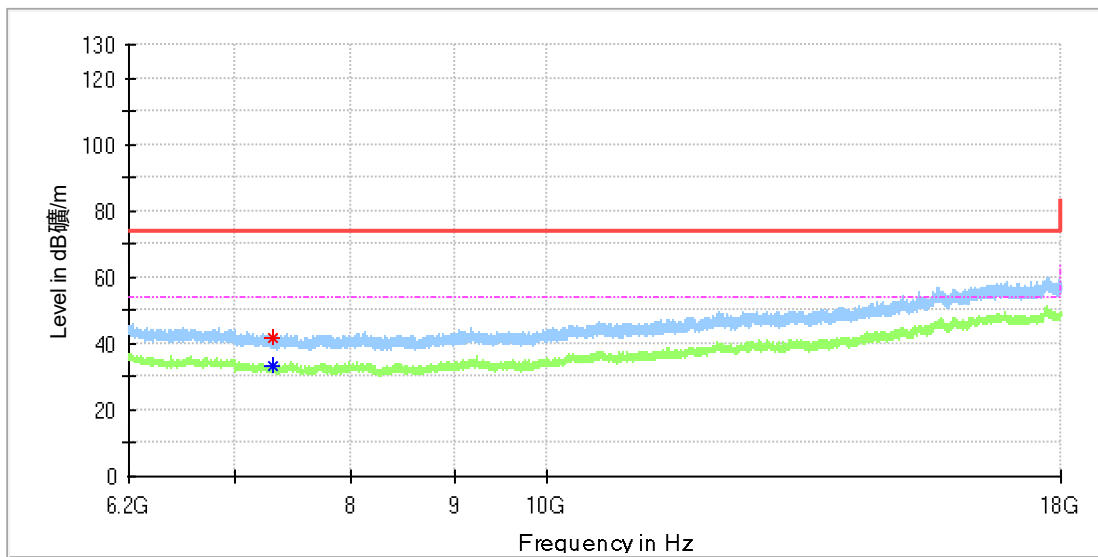
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4868.000000	---	39.42	54.00	14.58	100.0	V	264.0	11.8
4883.500000	50.49	---	74.00	23.51	100.0	V	198.0	11.8

Final_Result

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

EUT Information

EUT Name: Wi-Fi Module
 Model: WF-M63B-UWP1
 Test Mode: WiFi 2.4G_11g_Ch6
 Order No/Sample No: 168361390/A003220167-006
 Test Voltage: DC 5V From USB
 Remark: Temp 23 Humi:56%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

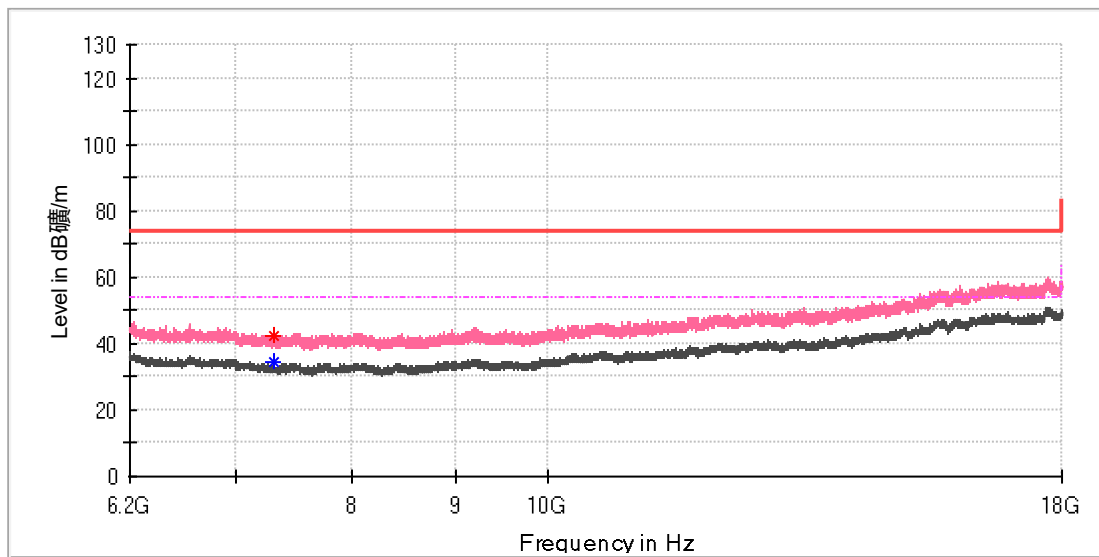
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7307.725000	---	33.46	54.00	20.54	100.0	H	129.0	8.3
7311.658333	41.71	---	74.00	32.29	100.0	H	103.0	8.2

Final Result

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

EUT Information

EUT Name: Wi-Fi Module
 Model: WF-M63B-UWP1
 Test Mode: WiFi 2.4G_11g_Ch6
 Order No/Sample No: 168361390/A003220167-006
 Test Voltage: DC 5V From USB
 Remark: Temp 23 Humi:56%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

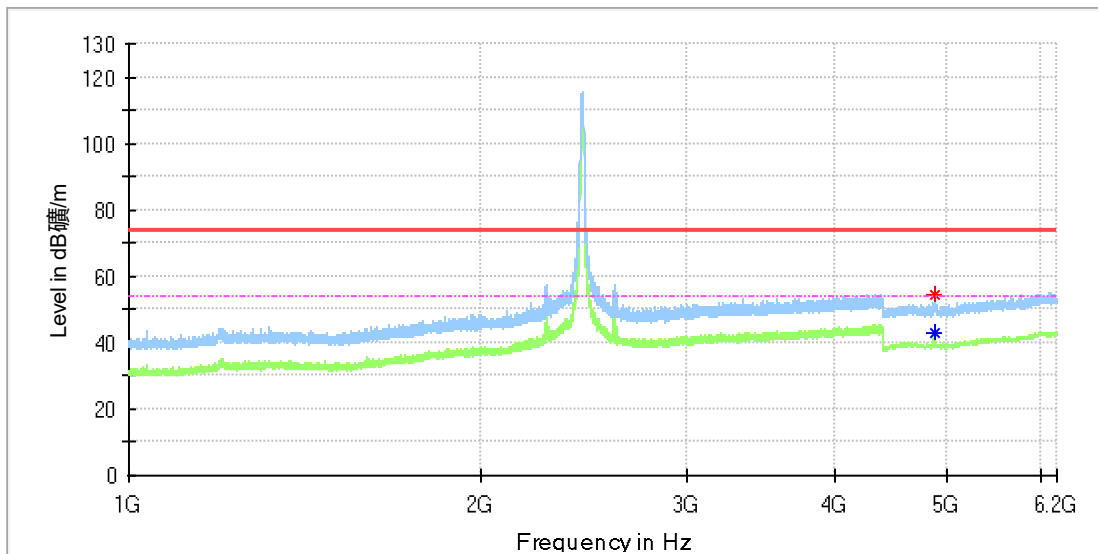
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7308.216667	---	34.20	54.00	19.80	100.0	V	341.0	8.2
7312.641667	42.20	---	74.00	31.80	100.0	V	341.0	8.2

Final Result

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

EUT Information

EUT Name: Wi-Fi Module
 Model: WF-M63B-UWP1
 Test Mode: WiFi 2.4G_11n20_Ch6
 Order No/Sample No: 168361390/A003220167-006
 Test Voltage:: DC 5V From USB
 Remark: Temp 23 Humi:56%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

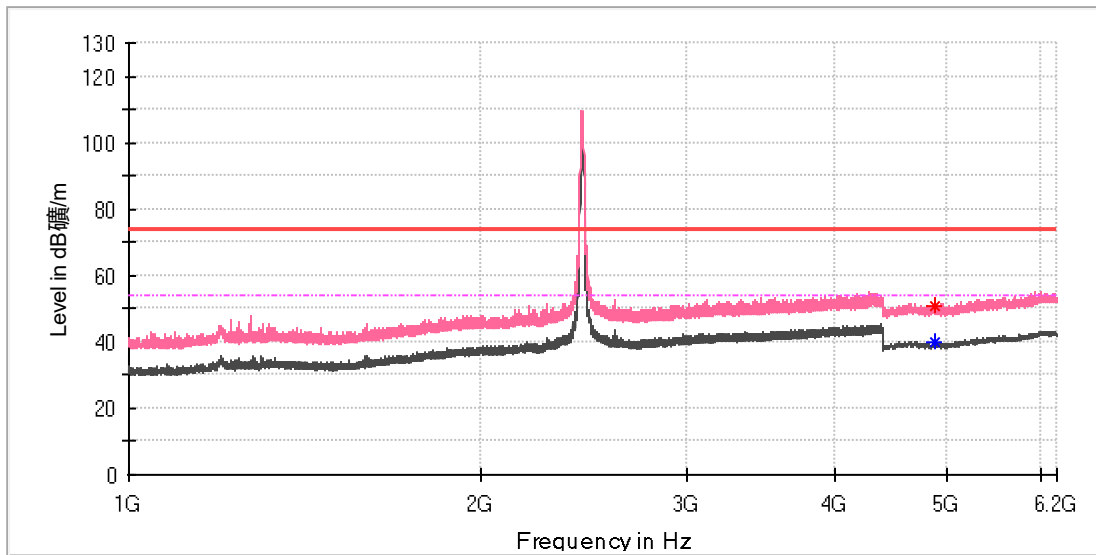
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4876.000000	54.52	---	74.00	19.48	100.0	H	111.0	11.8
4876.000000	---	43.02	54.00	10.98	100.0	H	111.0	11.8

Final_Result

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

EUT Information

EUT Name: Wi-Fi Module
 Model: WF-M63B-UWP1
 Test Mode: WiFi 2.4G_11n20_Ch6
 Order No/Sample No: 168361390/A003220167-006
 Test Voltage:: DC 5V From USB
 Remark: Temp 23 Humi:56%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

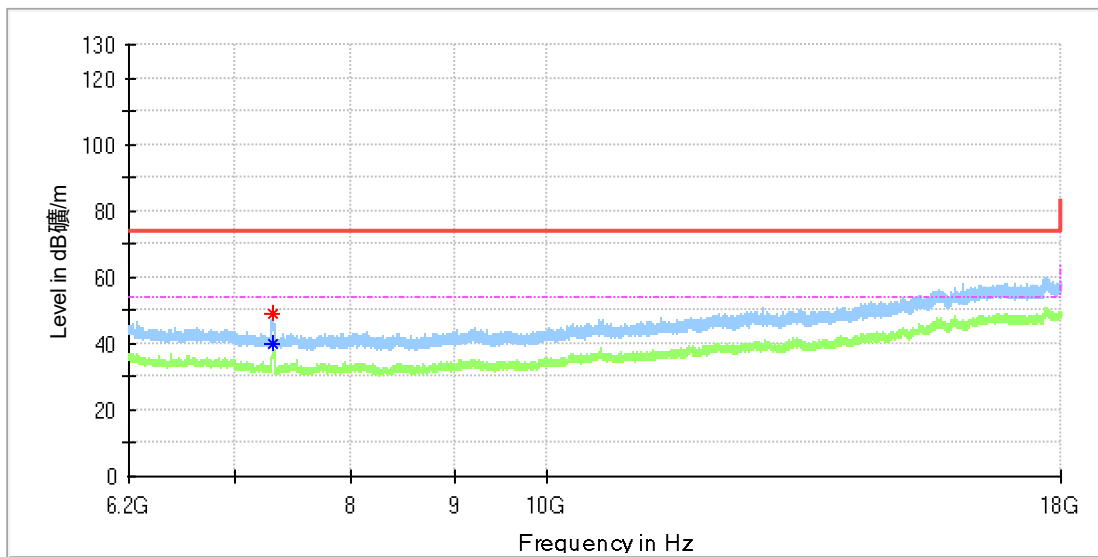
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4870.500000	---	39.63	54.00	14.37	100.0	V	8.0	11.8
4871.000000	51.02	---	74.00	22.98	100.0	V	354.0	11.8

Final_Result

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

EUT Information

EUT Name: Wi-Fi Module
 Model: WF-M63B-UWP1
 Test Mode: WiFi 2.4G_11n20_Ch6
 Order No/Sample No: 168361390/A003220167-006
 Test Voltage: DC 5V From USB
 Remark: Temp 23 Humi:56%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

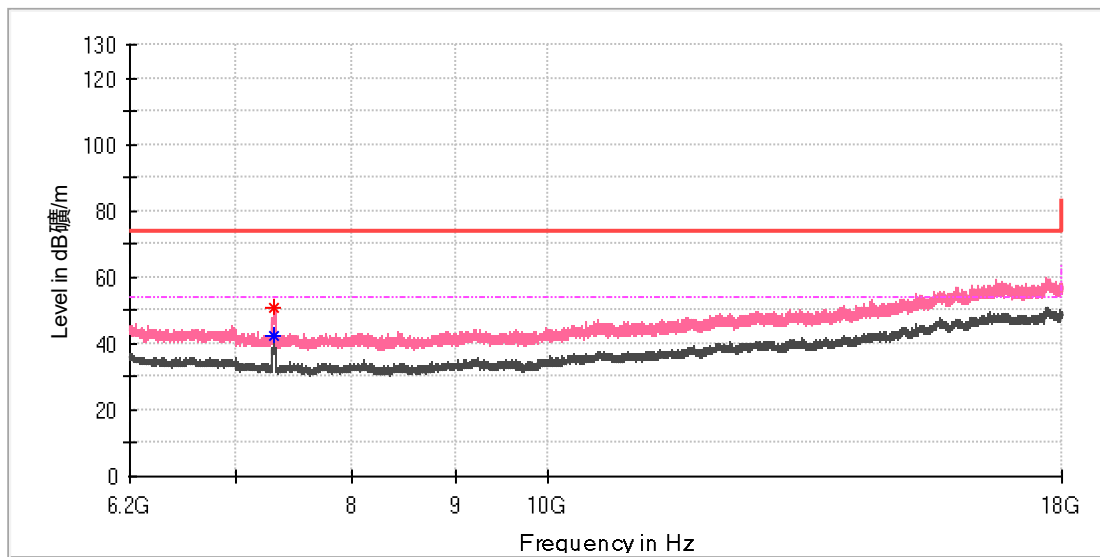
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7310.675000	---	40.10	54.00	13.90	100.0	H	145.0	8.2
7314.116667	49.08	---	74.00	24.92	100.0	H	236.0	8.2

Final Result

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

EUT Information

EUT Name: Wi-Fi Module
 Model: WF-M63B-UWP1
 Test Mode: WiFi 2.4G_11n20_Ch6
 Order No/Sample No: 168361390/A003220167-006
 Test Voltage:: DC 5V From USB
 Remark: Temp 23 Humi:56%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

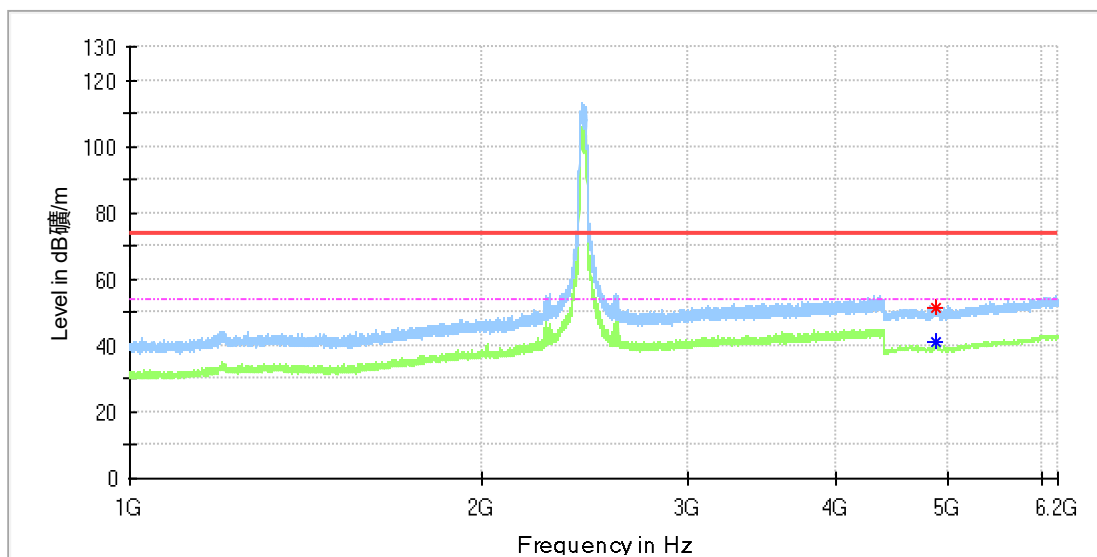
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7307.725000	50.68	---	74.00	23.32	100.0	V	306.0	8.3
7307.725000	---	42.15	54.00	11.85	100.0	V	306.0	8.3

Final Result

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

EUT Information

EUT Name: Wi-Fi Module
 Model: WF-M63B-UWP1
 Test Mode: WiFi 2.4G_11n40_Ch6
 Order No/Sample No: 168361390/A003220167-006
 Test Voltage:: DC 5V From USB
 Remark: Temp 23 Humi:56%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

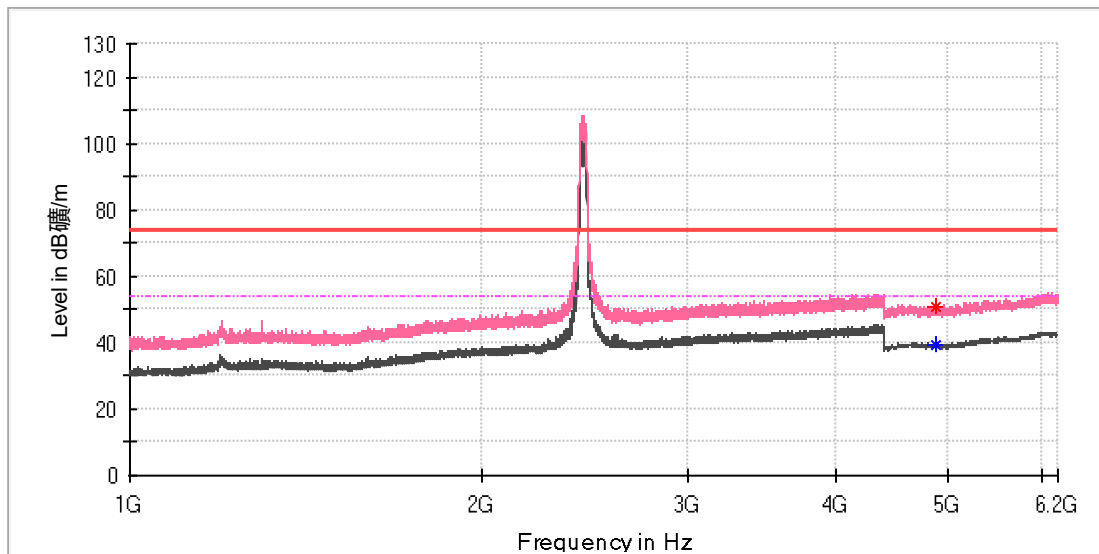
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4871.000000	---	40.99	54.00	13.01	100.0	H	105.0	11.8
4876.000000	51.50	---	74.00	22.50	100.0	H	113.0	11.8

Final_Result

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

EUT Information

EUT Name: Wi-Fi Module
 Model: WF-M63B-UWP1
 Test Mode: WiFi 2.4G_11n40_Ch6
 Order No/Sample No: 168361390/A003220167-006
 Test Voltage:: DC 5V From USB
 Remark: Temp 23 Humi:56%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

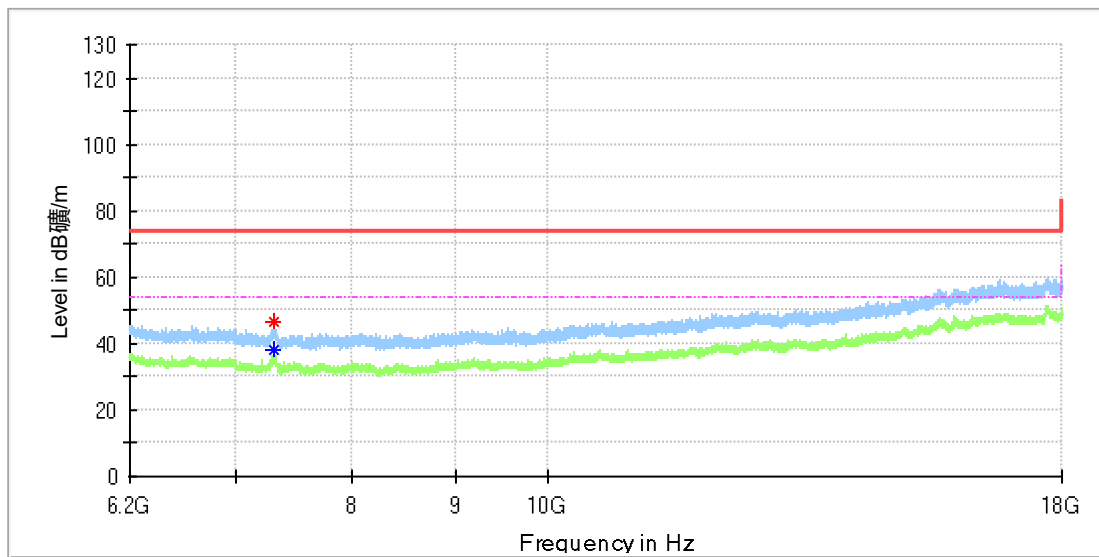
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4875.000000	---	39.34	54.00	14.66	100.0	V	357.0	11.8
4878.000000	50.83	---	74.00	23.17	100.0	V	301.0	11.8

Final_Result

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

EUT Information

EUT Name:	Wi-Fi Module
Model:	WF-M63B-UWP1
Test Mode:	WiFi 2.4G_11n40_Ch6
Order No/Sample No:	168361390/A003220167-006
Test Voltage::	DC 5V From USB
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

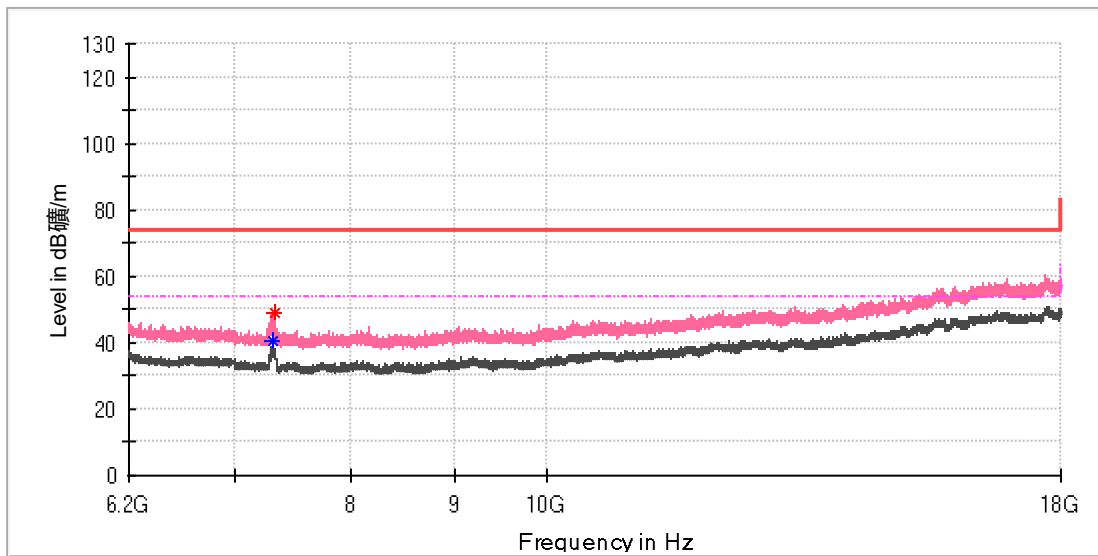
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7306.250000	46.34	---	74.00	27.66	100.0	H	224.0	8.3
7306.741667	---	37.90	54.00	16.10	100.0	H	224.0	8.3

Final Result

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

EUT Information

EUT Name: Wi-Fi Module
 Model: WF-M63B-UWP1
 Test Mode: WiFi 2.4G_11n40_Ch6
 Order No/Sample No: 168361390/A003220167-006
 Test Voltage:: DC 5V From USB
 Remark: Temp 23 Humi:56%
 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)
7303.791667	---	40.26	54.00	13.74	100.0	V	314.0	8.3
7323.950000	48.85	---	74.00	25.15	100.0	V	314.0	8.2

Final_Result

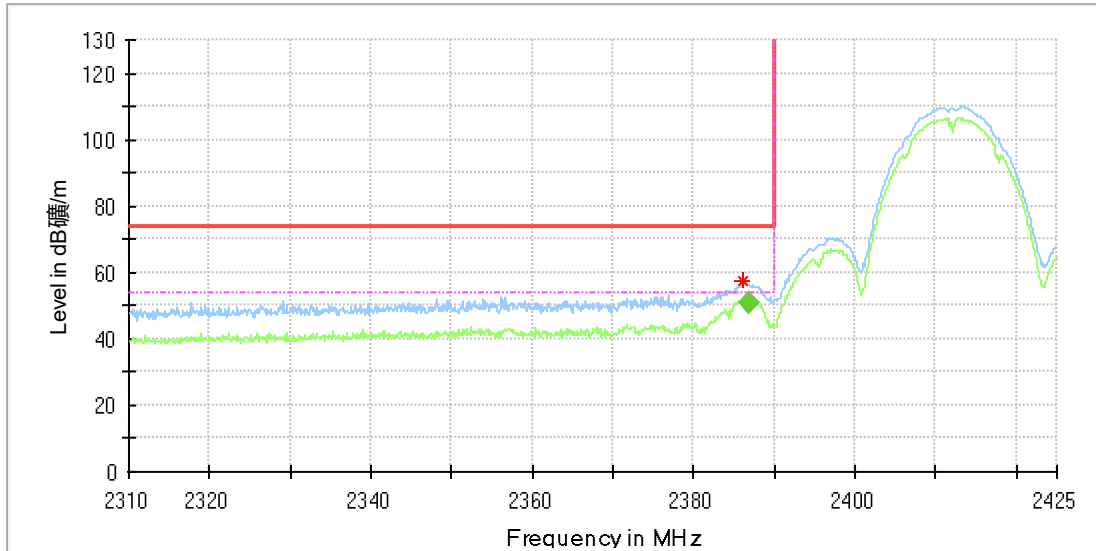
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

Appendix B.6: Test Results of Radiated Emissions in Restricted Bands

Note: All modes and ports tested, only the worst-case reported.

EUT Information

EUT Name: Wi-Fi Module
 Model: WF-M63B-UWP1
 Test Mode: WiFi 2.4G_11b_Ch1
 Order No/Sample No: 168361390/A003220167-006
 Test Voltage: DC 5V From USB
 Remark: Temp 23 Humi:56%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

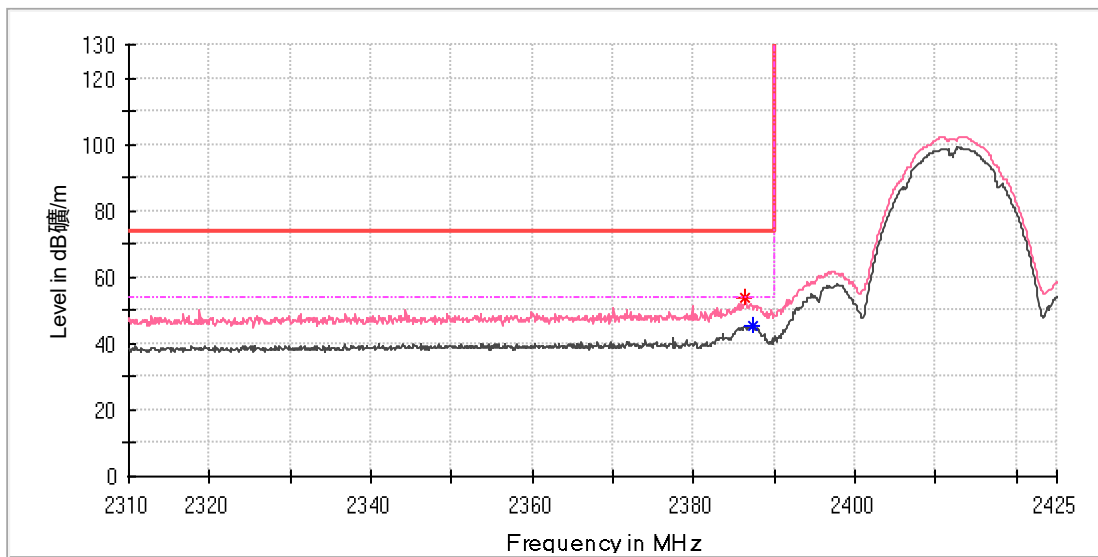
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2386.100000	57.36	---	74.00	16.64	100.0	H	103.0	7.0

Final Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2386.877750	50.84	54.00	3.16	100.0	H	98.0	7.0

EUT Information

EUT Name: Wi-Fi Module
 Model: WF-M63B-UWP1
 Test Mode: WiFi 2.4G_11b_Ch1
 Order No/Sample No: 168361390/A003220167-006
 Test Voltage: DC 5V From USB
 Remark: Temp 23 Humi:56%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

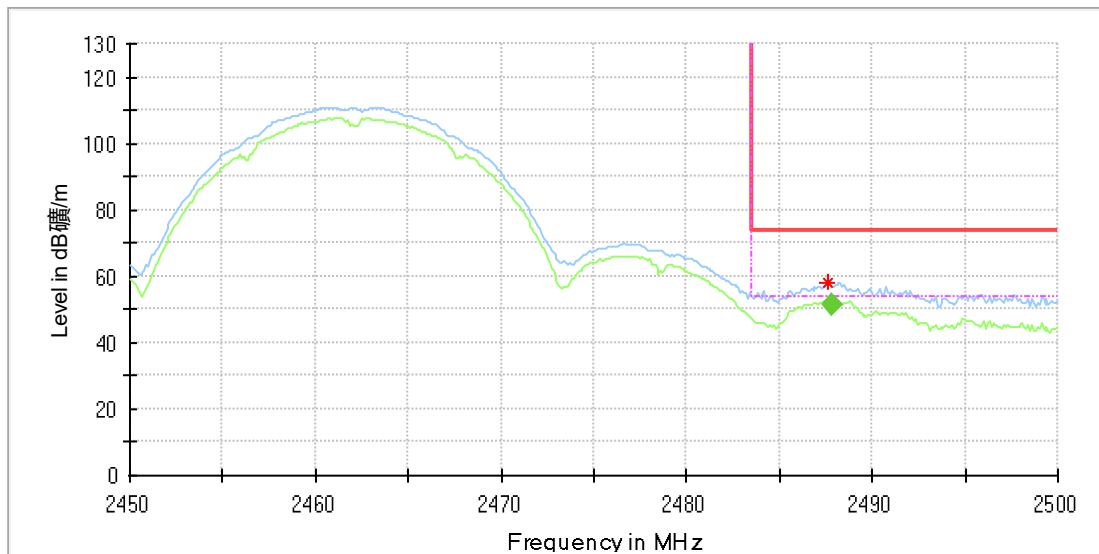
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2386.400000	53.91	---	74.00	20.09	100.0	V	329.0	7.0
2387.400000	---	45.64	54.00	8.36	100.0	V	329.0	7.0

Final Result

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

EUT Information

EUT Name:	Wi-Fi Module
Model:	WF-M63B-UWP1
Test Mode:	WiFi 2.4G_11b_Ch11
Order No/Sample No:	168361390/A003220167-006
Test Voltage::	DC 5V From USB
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

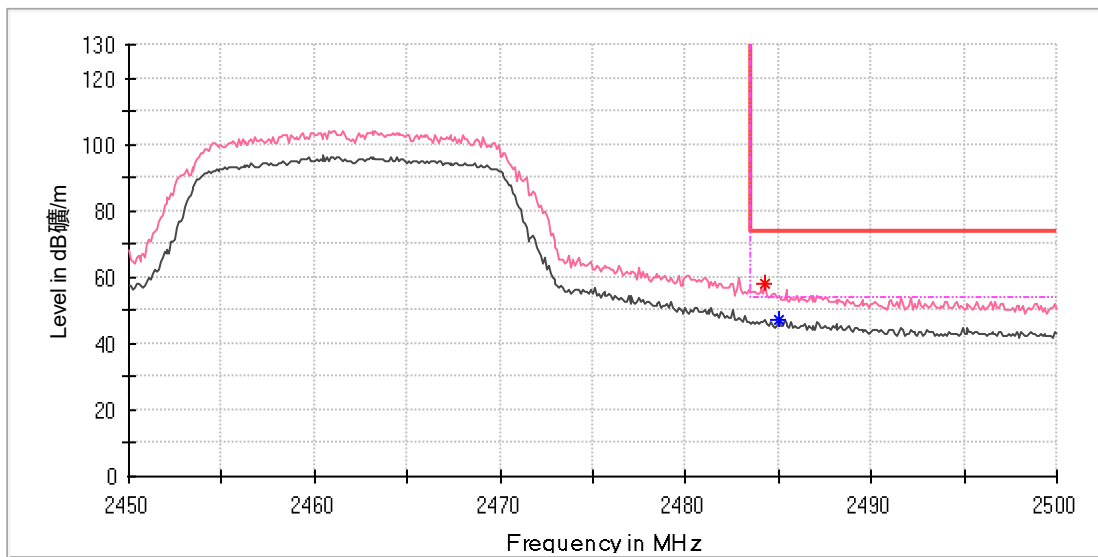
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2487.600000	57.93	---	74.00	16.07	100.0	H	100.0	7.4

Final_Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2487.850550	50.98	54.00	3.02	100.0	H	89.0	7.4

EUT Information

EUT Name: Wi-Fi Module
 Model: WF-M63B-UWP1
 Test Mode: WiFi 2.4G_11g_Ch11
 Order No/Sample No: 168361390/A003220167-006
 Test Voltage: DC 5V From USB
 Remark: Temp 23 Humi:56%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

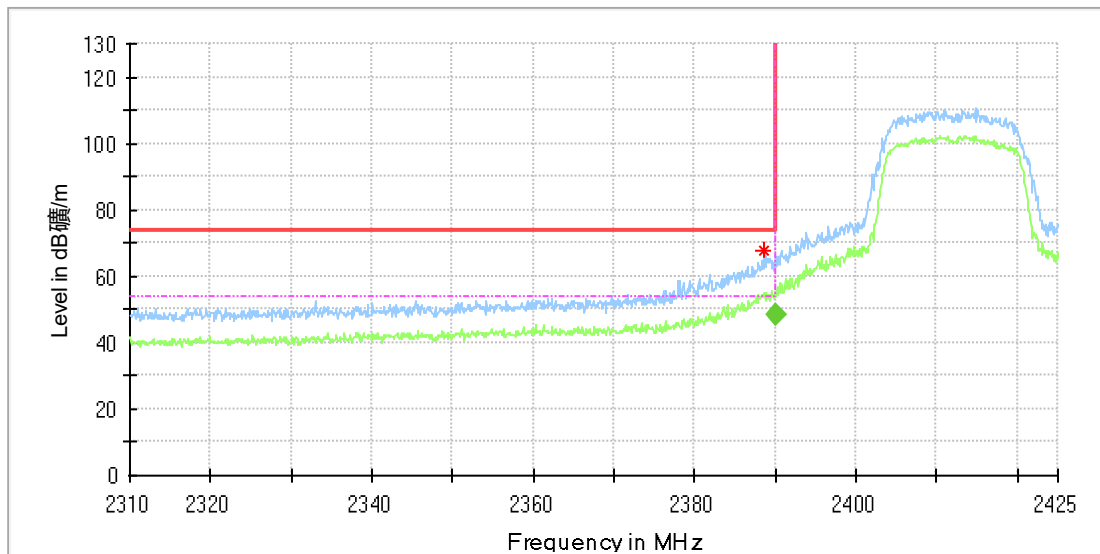
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2484.300000	58.35	---	74.00	15.65	100.0	V	0.0	7.4
2485.000000	---	47.07	54.00	6.93	100.0	V	308.0	7.4

Final Result

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

EUT Information

EUT Name:	Wi-Fi Module
Model:	WF-M63B-UWP1
Test Mode:	WiFi 2.4G_11g_Ch1
Order No/Sample No:	168361390/A003220167-006
Test Voltage::	DC 5V From USB
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

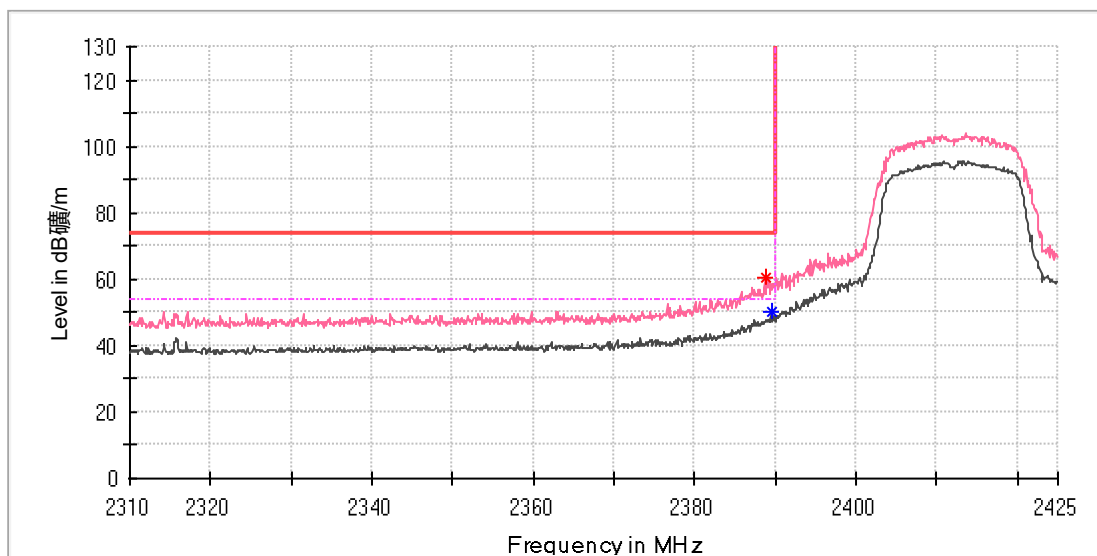
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2388.600000	67.61	---	74.00	6.39	100.0	H	90.0	7.0

Final_Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2389.996900	48.30	54.00	5.70	100.0	H	192.0	7.0

EUT Information

EUT Name:	Wi-Fi Module
Model:	WF-M63B-UWP1
Test Mode:	WiFi 2.4G_11g_Ch1
Order No/Sample No:	168361390/A003220167-006
Test Voltage::	DC 5V From USB
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

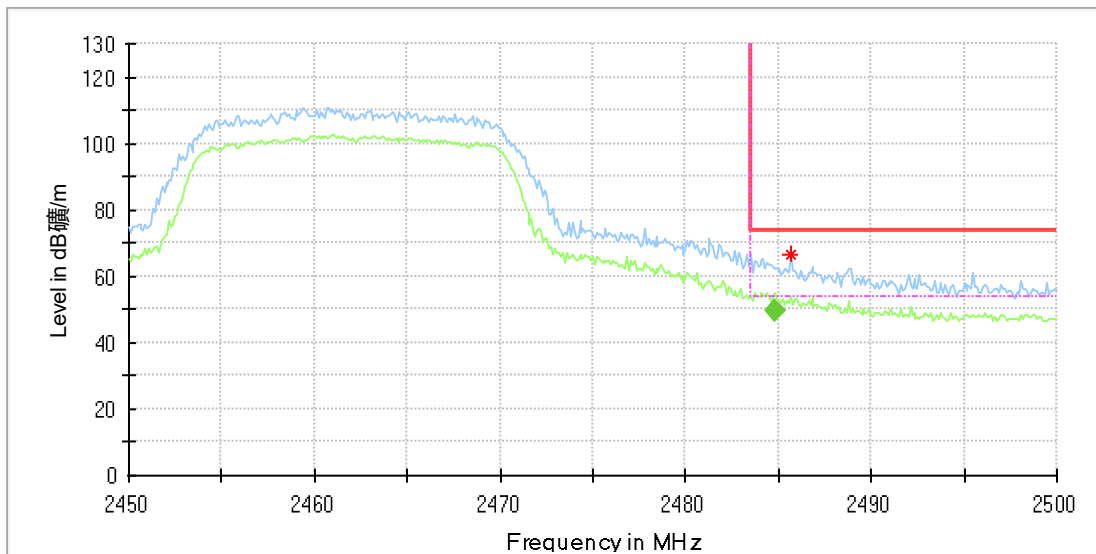
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2388.900000	60.65	---	74.00	13.35	100.0	V	2.0	7.0
2389.500000	---	50.16	54.00	3.84	100.0	V	109.0	7.0

Final Result

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

EUT Name:	Wi-Fi Module
Model:	WF-M63B-UWP1
Test Mode:	WiFi 2.4G_11g_Ch11
Order No/Sample No:	168361390/A003220167-006
Test Voltage::	DC 5V From USB
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

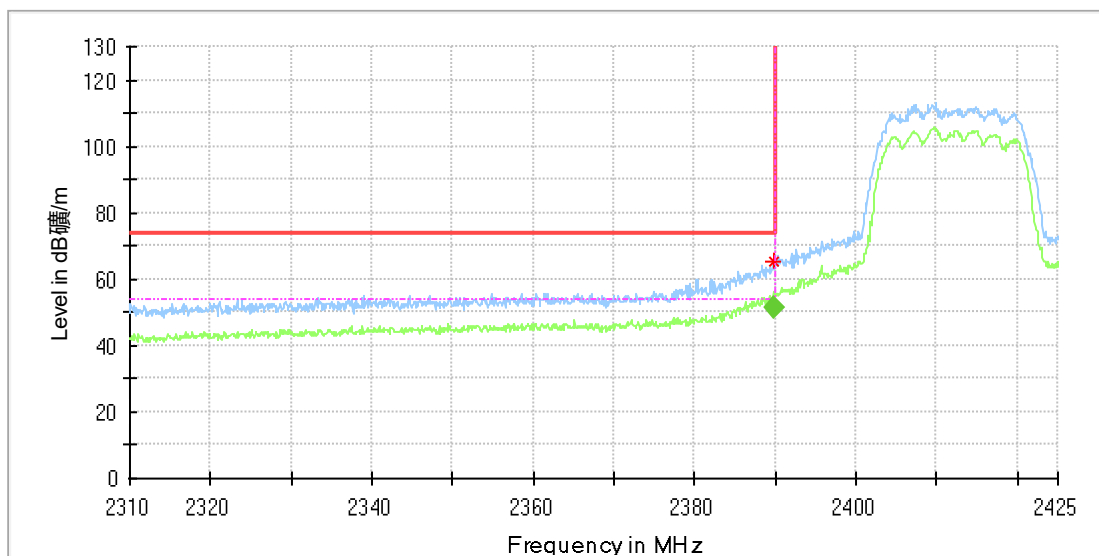
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2485.700000	66.73	---	74.00	7.27	100.0	H	91.0	7.4

Final_Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2484.760650	49.75	54.00	4.25	100.0	H	89.0	7.4

EUT Information

EUT Name:	Wi-Fi Module
Model:	WF-M63B-UWP1
Test Mode:	WiFi 2.4G_11n20_Ch1
Order No/Sample No:	168361390/A003220167-006
Test Voltage::	DC 5V From USB
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

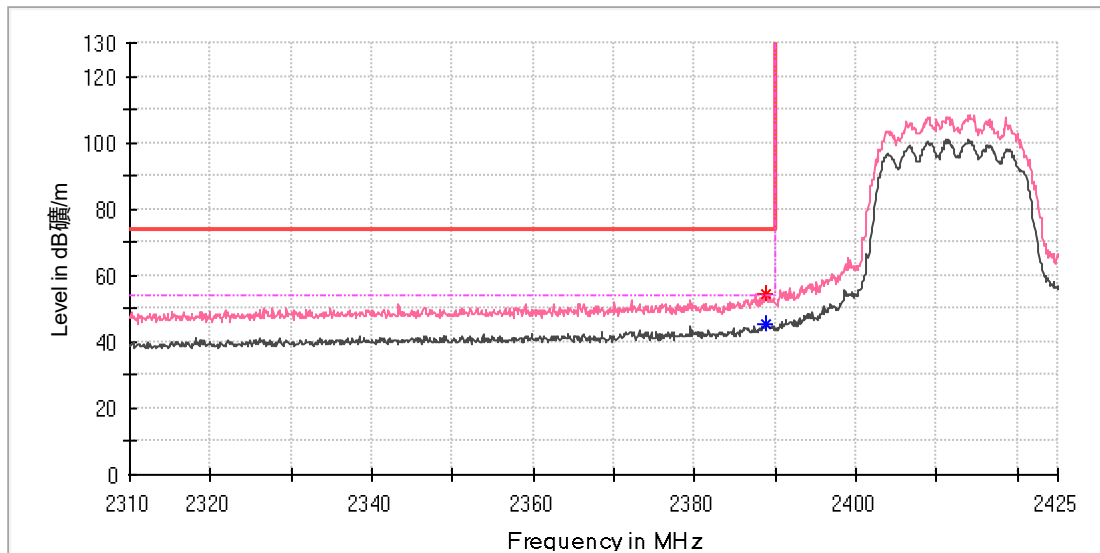
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2389.700000	65.24	---	74.00	8.76	100.0	H	129.0	7.0

Final Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2389.885050	50.89	54.00	3.11	100.0	H	117.0	7.0

EUT Information

EUT Name:	Wi-Fi Module
Model:	WF-M63B-UWP1
Test Mode:	WiFi 2.4G_11n20_Ch1
Order No/Sample No:	168361390/A003220167-006
Test Voltage::	DC 5V From USB
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

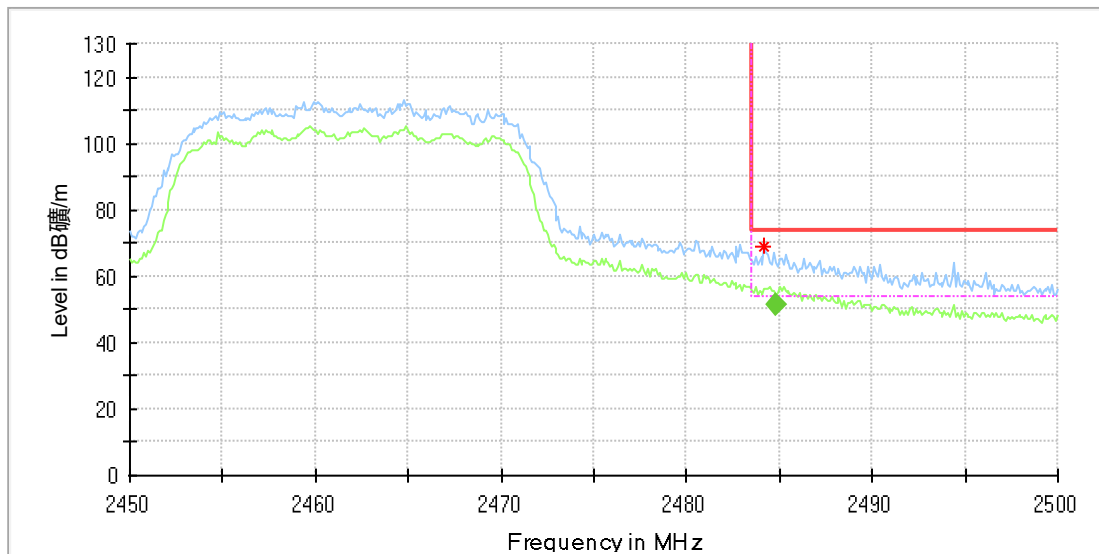
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2388.700000	---	45.41	54.00	8.59	100.0	V	0.0	7.0
2388.700000	54.13	---	74.00	19.87	100.0	V	0.0	7.0

Final_Result

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

EUT Name:	Wi-Fi Module
Model:	WF-M63B-UWP1
Test Mode:	WiFi 2.4G_11n20_Ch11
Order No/Sample No:	168361390/A003220167-006
Test Voltage::	DC 5V From USB
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

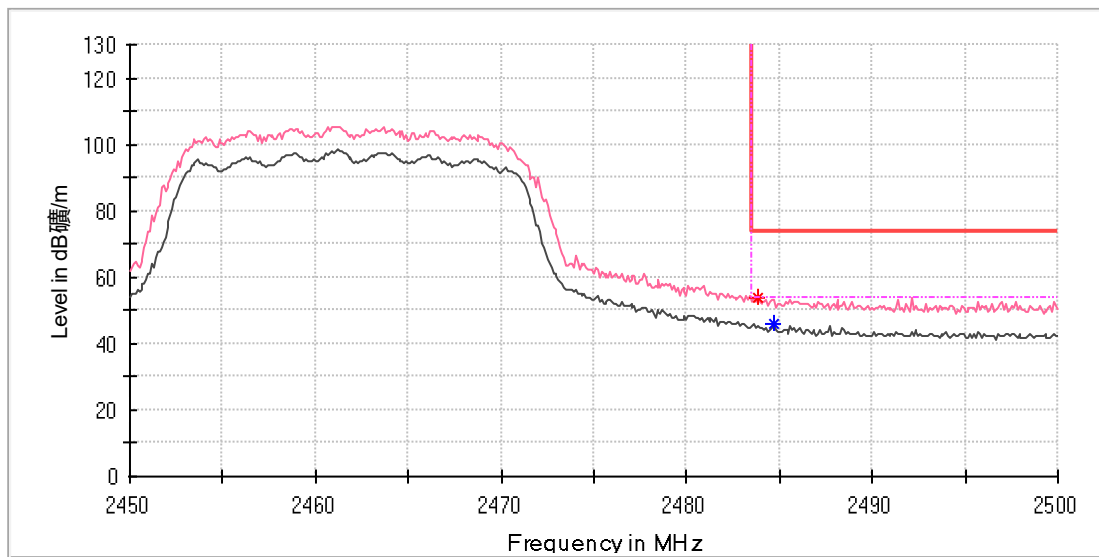
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2484.200000	68.83	---	74.00	5.17	100.0	H	128.0	7.4

Final_Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2484.778850	50.95	54.00	3.05	100.0	H	107.0	7.4

EUT Information

EUT Name: Wi-Fi Module
 Model: WF-M63B-UWP1
 Test Mode: WiFi 2.4G_11n20_Ch11
 Order No/Sample No: 168361390/A003220167-006
 Test Voltage:: DC 5V From USB
 Remark: Temp 23 Humi:56%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

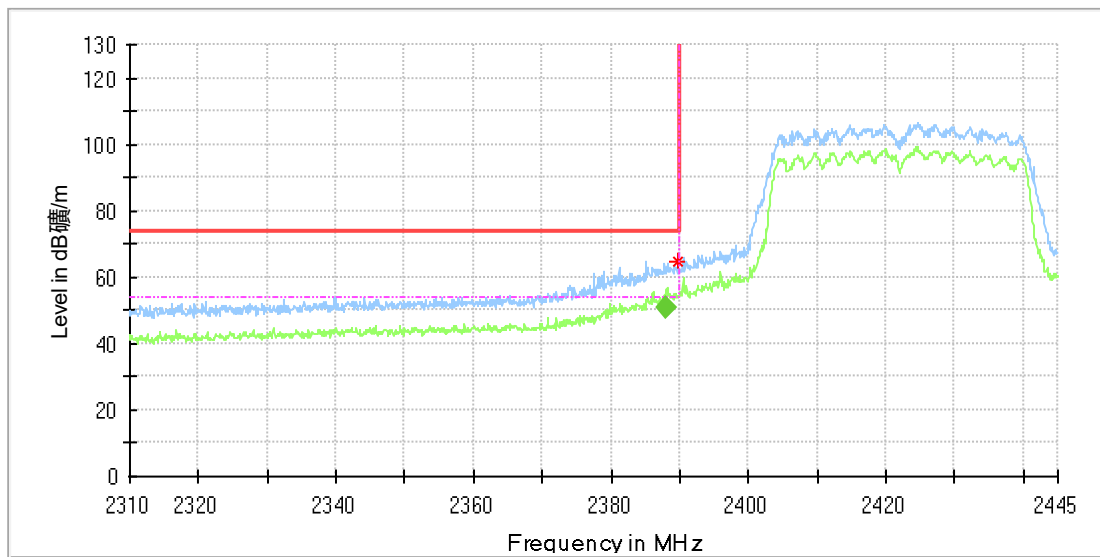
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.800000	53.83	---	74.00	20.17	100.0	V	356.0	7.4
2484.700000	---	45.77	54.00	8.23	100.0	V	0.0	7.4

Final Result

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

EUT Name: Wi-Fi Module
 Model: WF-M63B-UWP1
 Test Mode: WiFi 2.4G_11n40_Ch3
 Order No/Sample No: 168361390/A003220167-006
 Test Voltage: DC 5V From USB
 Remark: Temp 23 Humi:56%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

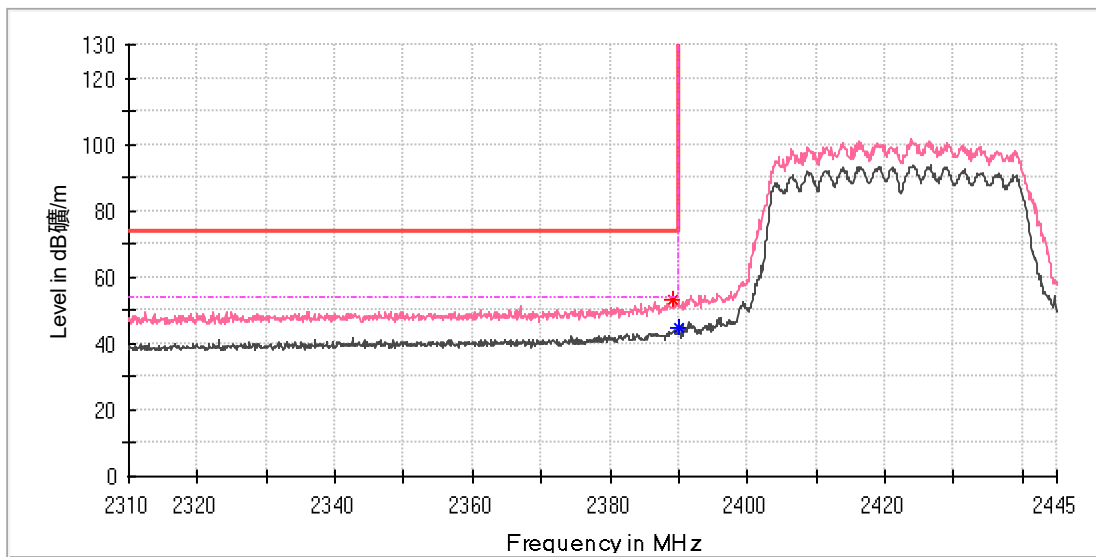
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2389.700000	64.64	---	74.00	9.36	100.0	H	125.0	7.0

Final Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2388.072750	50.55	54.00	3.45	100.0	H	103.0	7.0

EUT Information

EUT Name: Wi-Fi Module
 Model: WF-M63B-UWP1
 Test Mode: WiFi 2.4G_11n40_Ch3
 Order No/Sample No: 168361390/A003220167-006
 Test Voltage: DC 5V From USB
 Remark: Temp 23 Humi:56%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

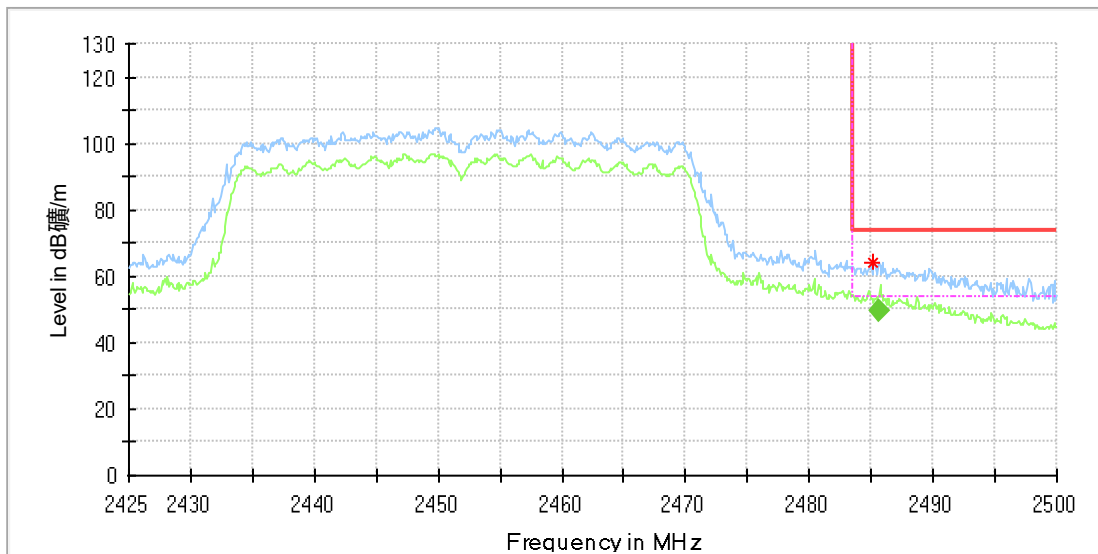
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2389.100000	53.37	---	74.00	20.63	100.0	V	175.0	7.0
2390.000000	---	44.79	54.00	9.21	100.0	V	311.0	7.0

Final Result

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

EUT Name: Wi-Fi Module
 Model: WF-M63B-UWP1
 Test Mode: WiFi 2.4G_11n40_Ch9
 Order No/Sample No: 168361390/A003220167-006
 Test Voltage:: DC 5V From USB
 Remark: Temp 23 Humi:56%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

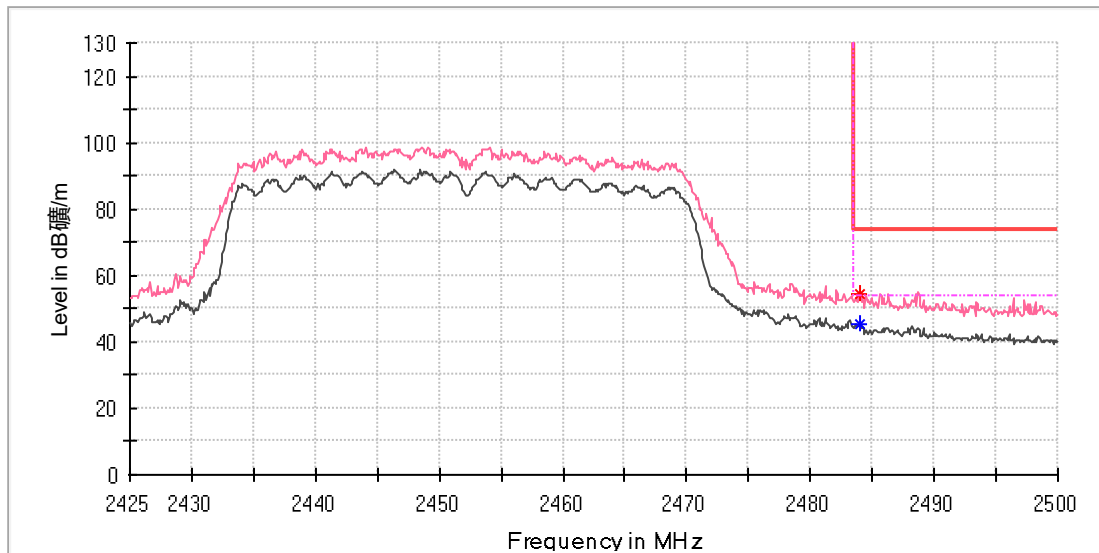
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2485.200000	64.33	---	74.00	9.67	100.0	H	285.0	7.4

Final_Result

Frequency (MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2485.555550	49.35	54.00	4.65	100.0	H	114.0	7.4

EUT Information

EUT Name:	Wi-Fi Module
Model:	WF-M63B-UWP1
Test Mode:	WiFi 2.4G_11n40_Ch9
Order No/Sample No:	168361390/A003220167-006
Test Voltage::	DC 5V From USB
Remark:	Temp 23 Humi:56%
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)
2484.000000	---	45.37	54.00	8.63	100.0	V	0.0	7.4
2484.000000	54.63	---	74.00	19.37	100.0	V	0.0	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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