

Appendix B: Test Results of 2.4GHz Wi-Fi

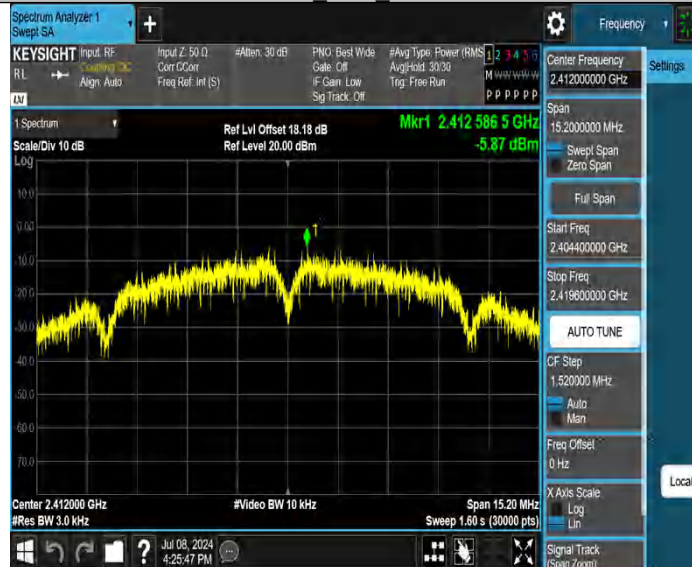
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Appendix B.1: Test Results of Conducted Power Spectral Density

SISO mode (Worst case_ANT0)

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant0	2412	-5.87	≤8.00	PASS
		2437	-6.95	≤8.00	PASS
		2462	-7.03	≤8.00	PASS
11G	Ant0	2412	-7.86	≤8.00	PASS
		2437	-7.03	≤8.00	PASS
		2462	-7.24	≤8.00	PASS
11N20SISO	Ant0	2412	-6.68	≤8.00	PASS
		2437	-7.57	≤8.00	PASS
		2462	-6.41	≤8.00	PASS
11N40SISO	Ant0	2422	-9.85	≤8.00	PASS
		2437	-9.41	≤8.00	PASS
		2452	-8.75	≤8.00	PASS
11AX20SISO	Ant0	2412	-7.24	≤8.00	PASS
		2437	-7.76	≤8.00	PASS
		2462	-7.17	≤8.00	PASS
11AX40SISO	Ant0	2422	-9.48	≤8.00	PASS
		2437	-8.01	≤8.00	PASS
		2452	-11.04	≤8.00	PASS

11B_Ant0 2412



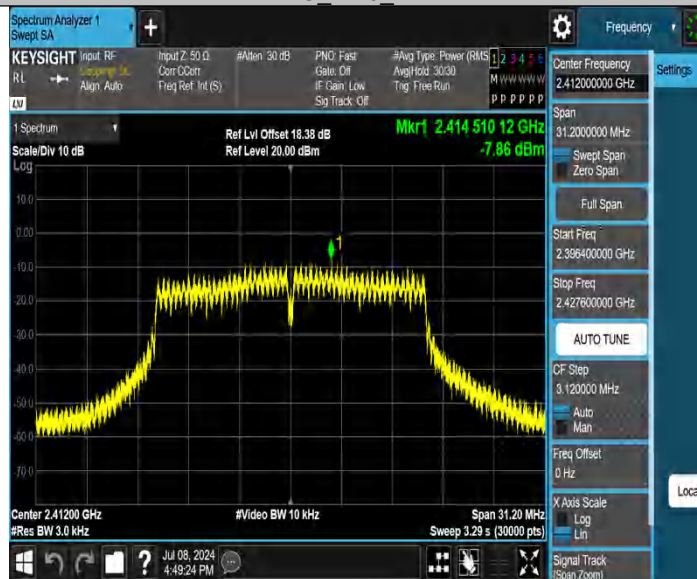
11B_Ant0 2437



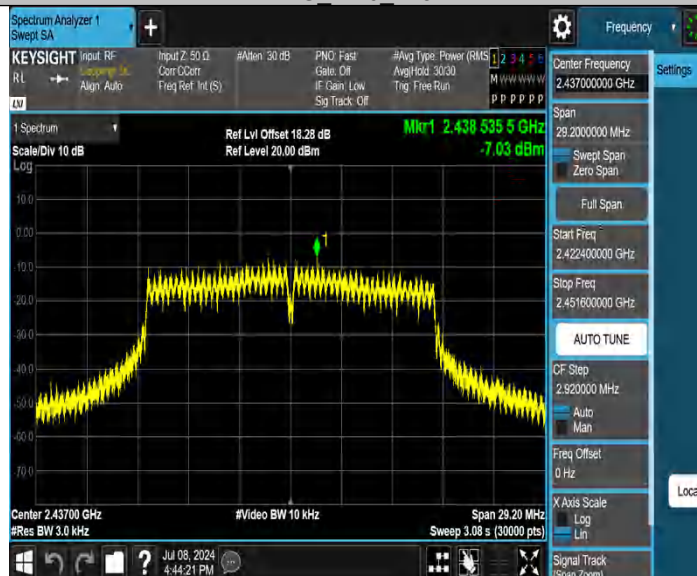
11B_Ant0 2462



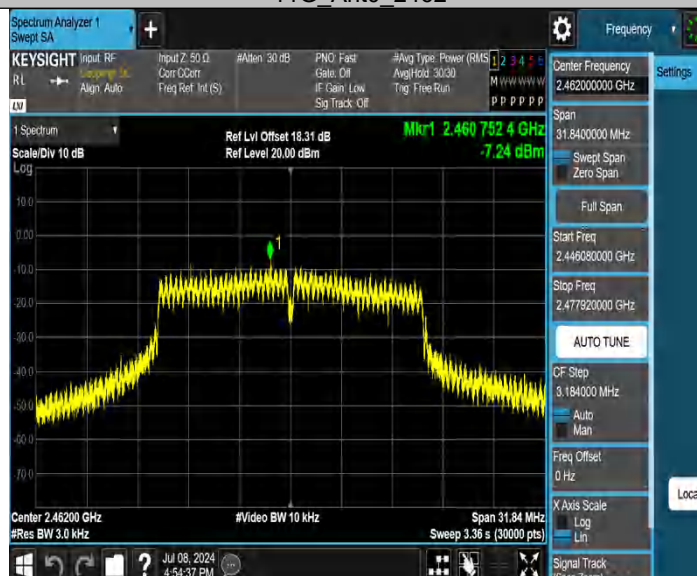
11G_Ant0_2412



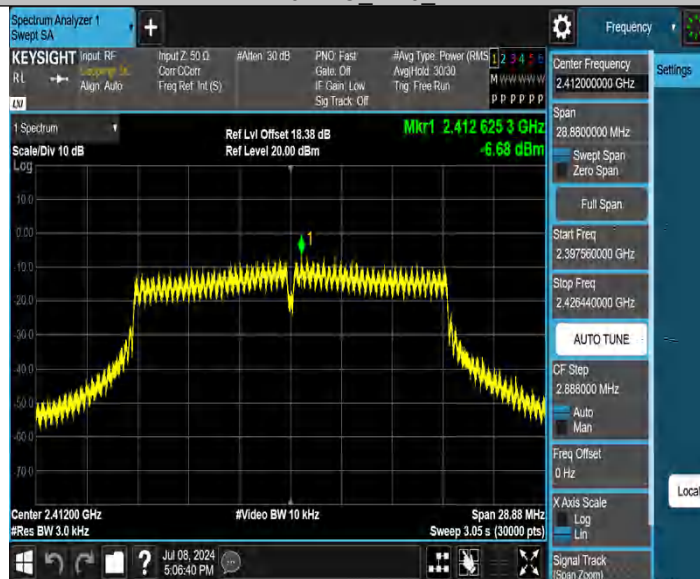
11G_Ant0_2437



11G_Ant0_2462



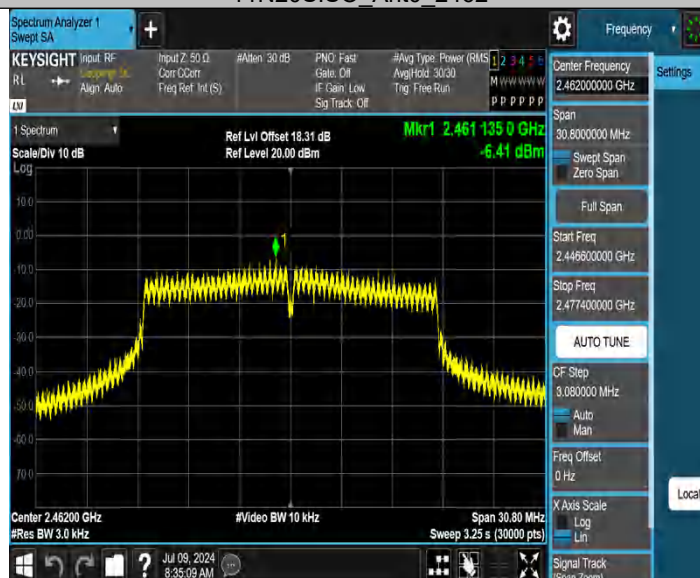
11N20SISO Ant0 2412



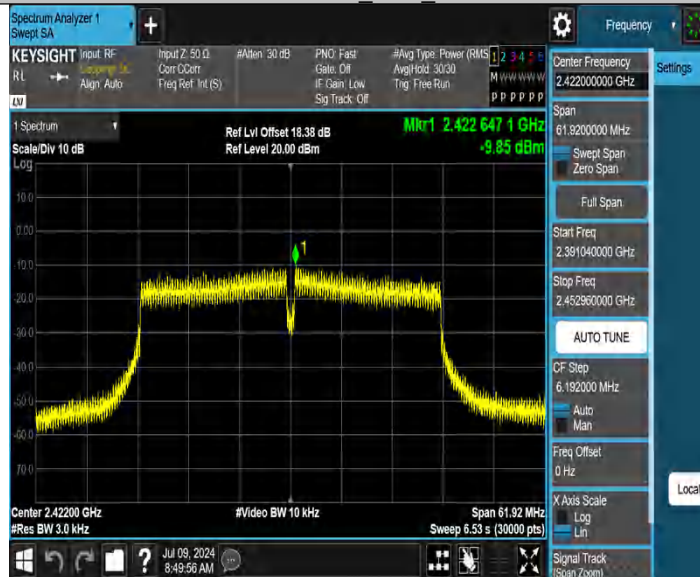
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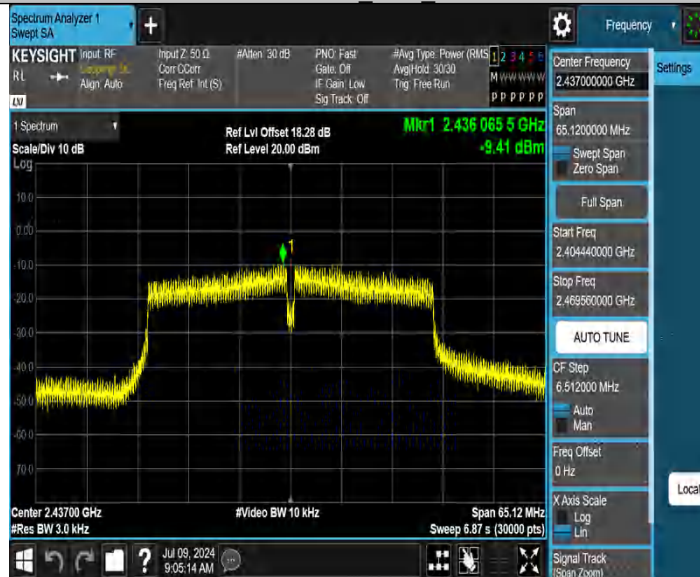
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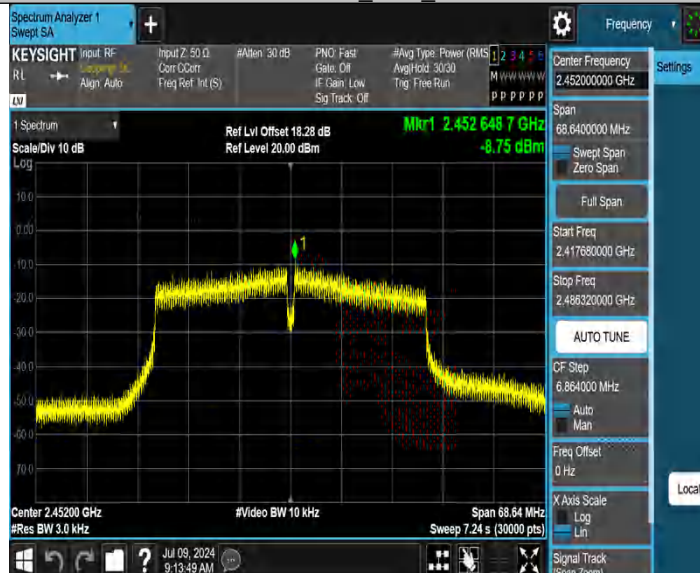
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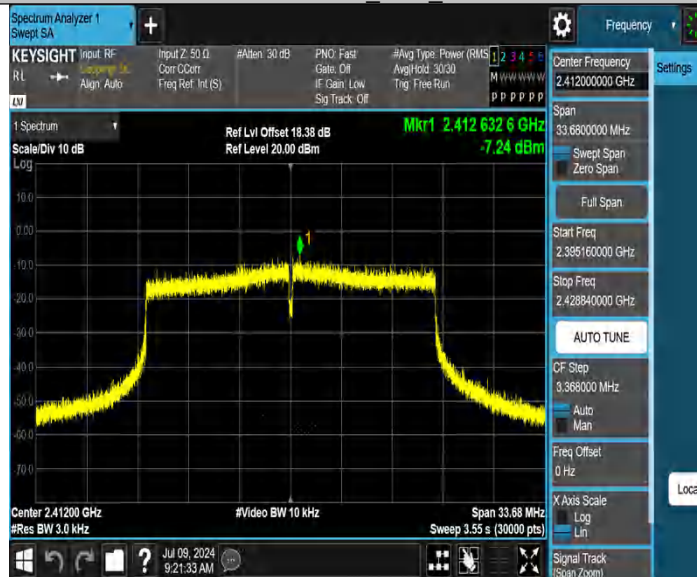
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11N40SISO Ant0 2452



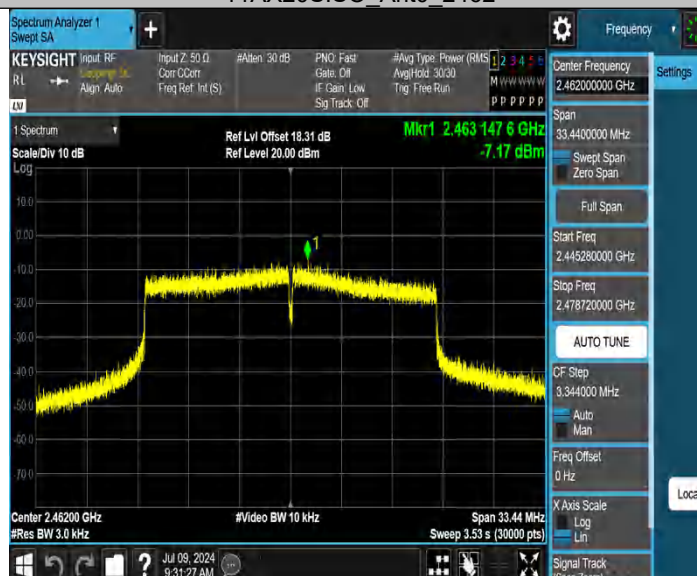
11AX20SISO_Ant0_2412



11AX20SISO_Ant0_2437



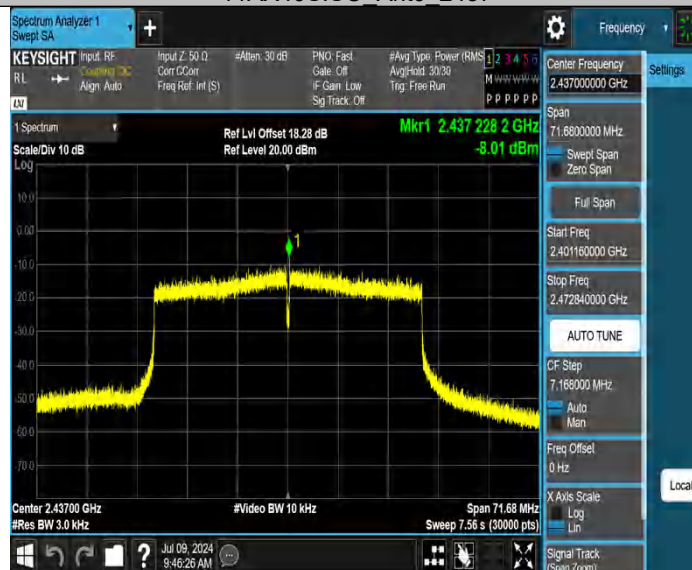
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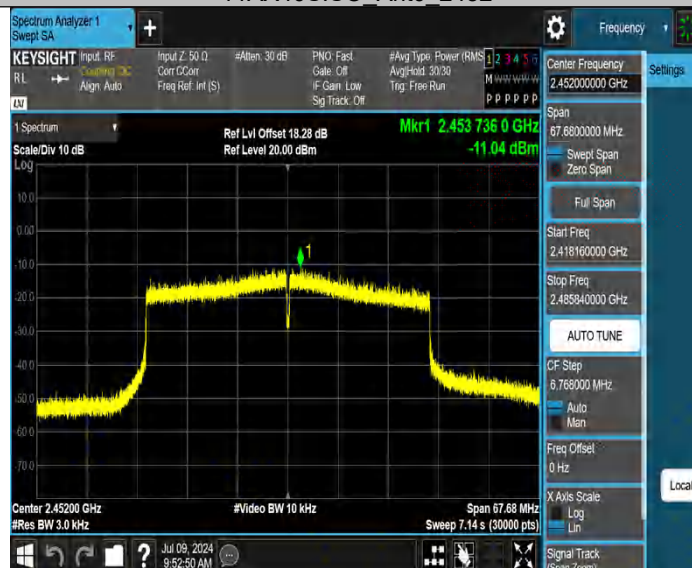
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11AX40SISO_Ant0_2437



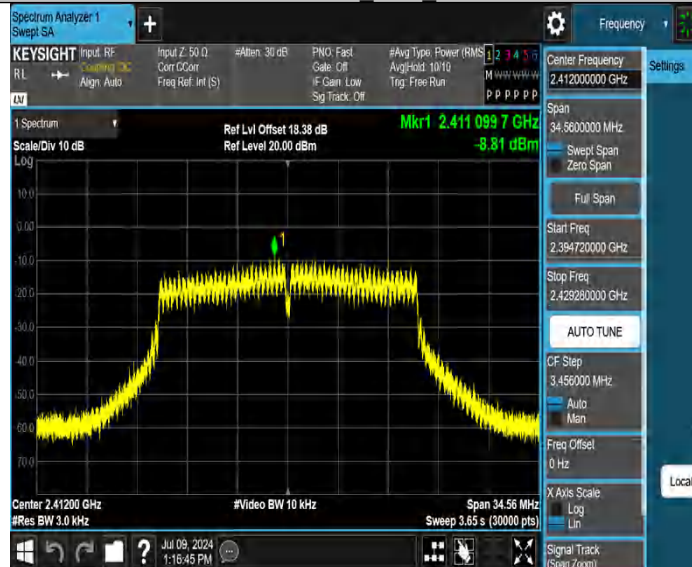
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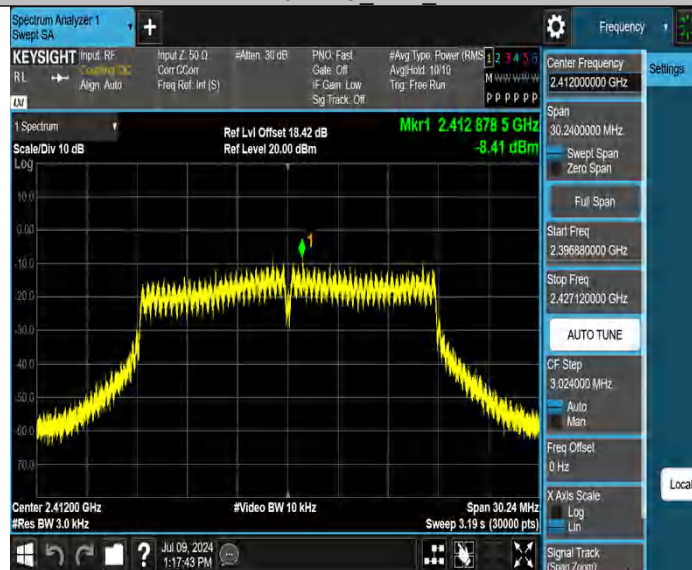
MIMO mode

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11N20MIMO	Ant0	2412	-8.81	≤8.00	PASS
	Ant1	2412	-8.41	≤8.00	PASS
	total	2412	-5.60	≤8.00	PASS
	Ant0	2437	-9.32	≤8.00	PASS
	Ant1	2437	-9.08	≤8.00	PASS
	total	2437	-6.19	≤8.00	PASS
	Ant0	2462	-8.59	≤8.00	PASS
	Ant1	2462	-9.07	≤8.00	PASS
	total	2462	-5.81	≤8.00	PASS
11N40MIMO	Ant0	2422	-11.32	≤8.00	PASS
	Ant1	2422	-11.44	≤8.00	PASS
	total	2422	-8.37	≤8.00	PASS
	Ant0	2437	-11.88	≤8.00	PASS
	Ant1	2437	-12.16	≤8.00	PASS
	total	2437	-9.01	≤8.00	PASS
	Ant0	2452	-11.31	≤8.00	PASS
	Ant1	2452	-11.41	≤8.00	PASS
	total	2452	-8.35	≤8.00	PASS
11AX20MIMO	Ant0	2412	-8.65	≤8.00	PASS
	Ant1	2412	-10.18	≤8.00	PASS
	total	2412	-6.34	≤8.00	PASS
	Ant0	2437	-10.59	≤8.00	PASS
	Ant1	2437	-9.56	≤8.00	PASS
	total	2437	-7.03	≤8.00	PASS
	Ant0	2462	-10.28	≤8.00	PASS
	Ant1	2462	-9.60	≤8.00	PASS
	total	2462	-6.92	≤8.00	PASS
11AX40MIMO	Ant0	2422	-11.75	≤8.00	PASS
	Ant1	2422	-12.76	≤8.00	PASS
	total	2422	-9.22	≤8.00	PASS
	Ant0	2437	-13.39	≤8.00	PASS
	Ant1	2437	-12.50	≤8.00	PASS
	total	2437	-9.91	≤8.00	PASS
	Ant0	2452	-11.94	≤8.00	PASS
	Ant1	2452	-12.98	≤8.00	PASS
	total	2452	-9.42	≤8.00	PASS

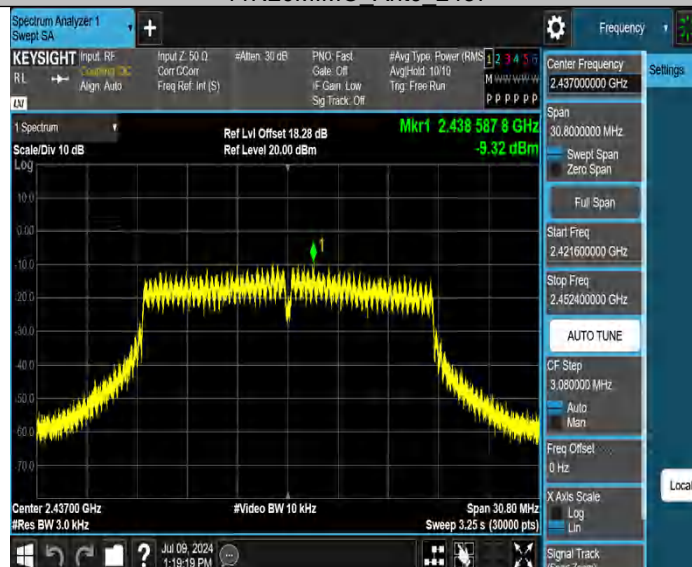
11N20MIMO Ant0 2412



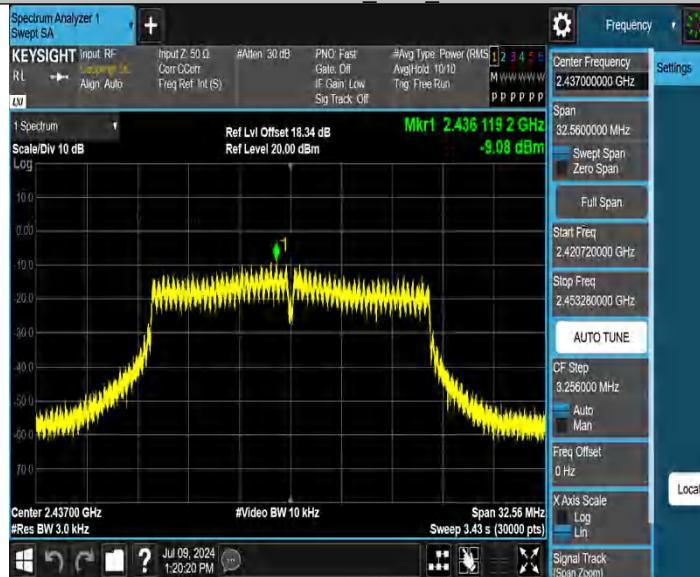
11N20MIMO Ant1 2412



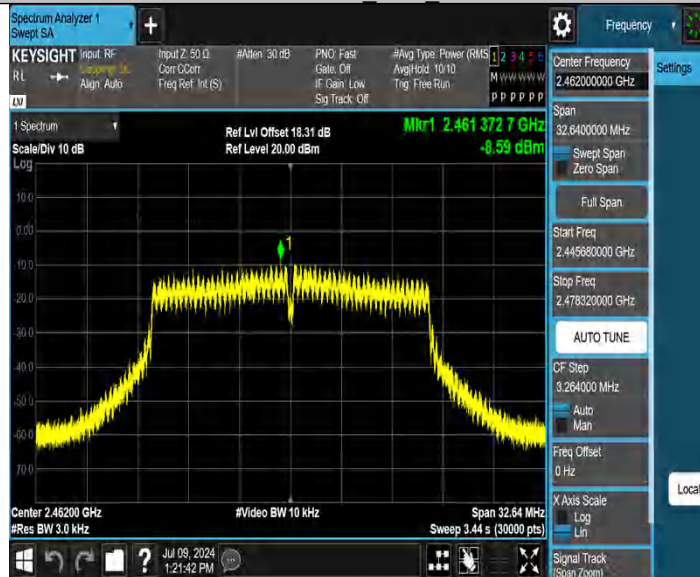
11N20MIMO Ant0 2437



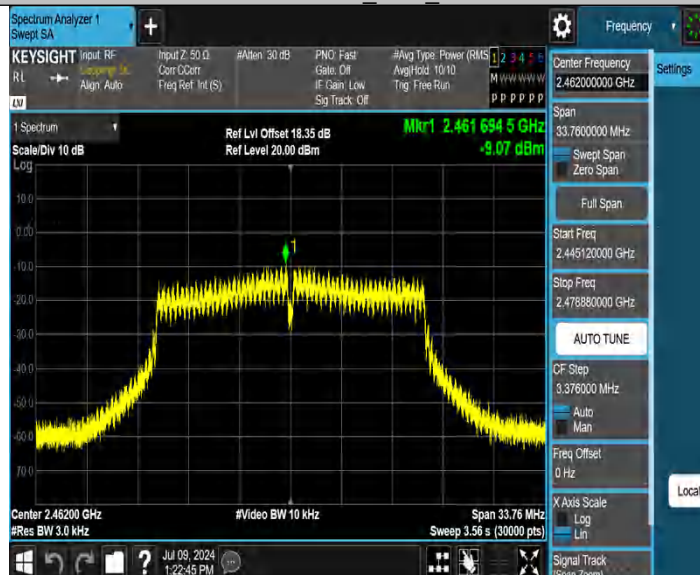
11N20MIMO Ant1 2437



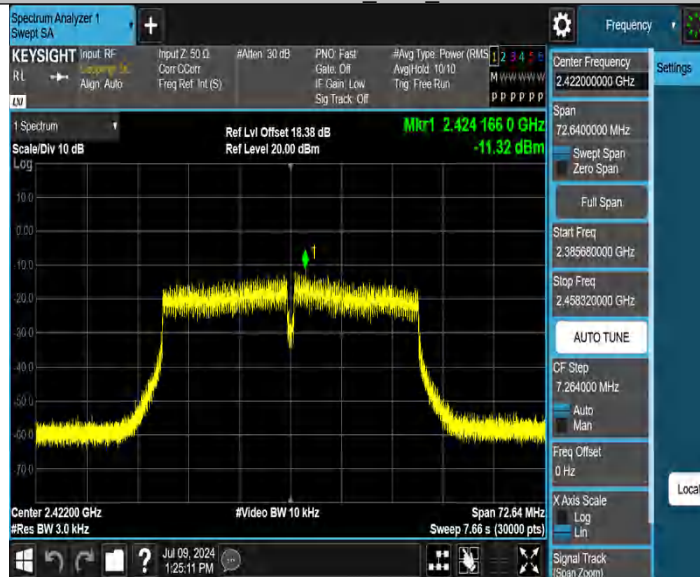
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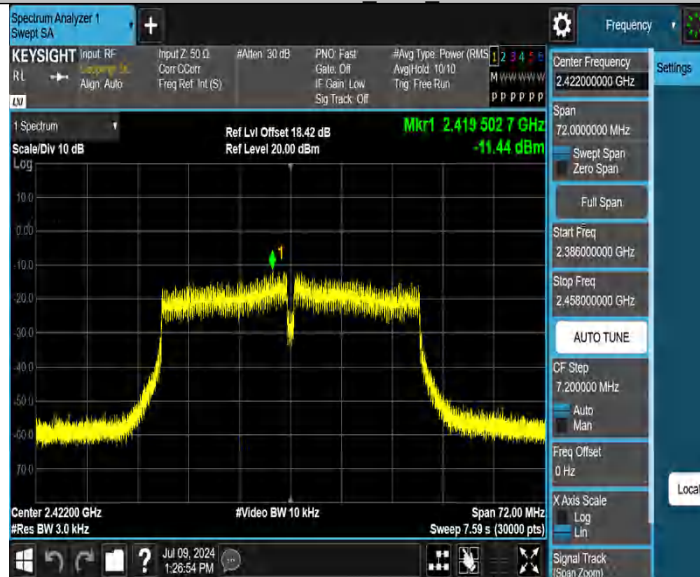
11N20MIMO Ant1 2462



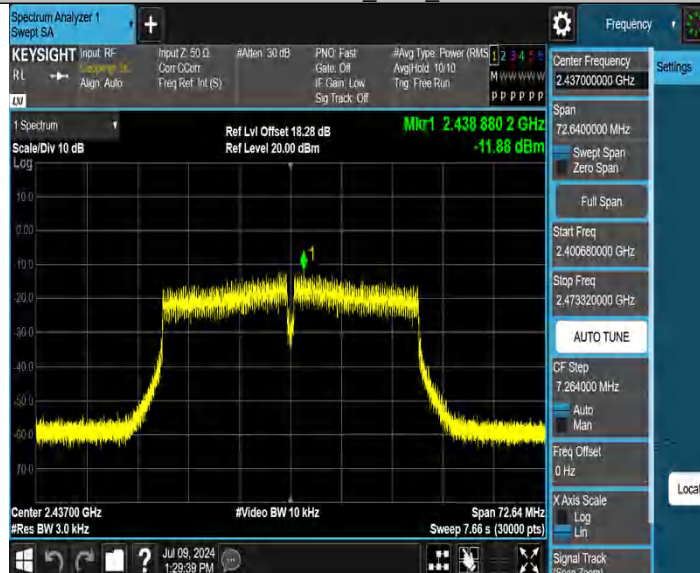
11N40MIMO Ant0 2422



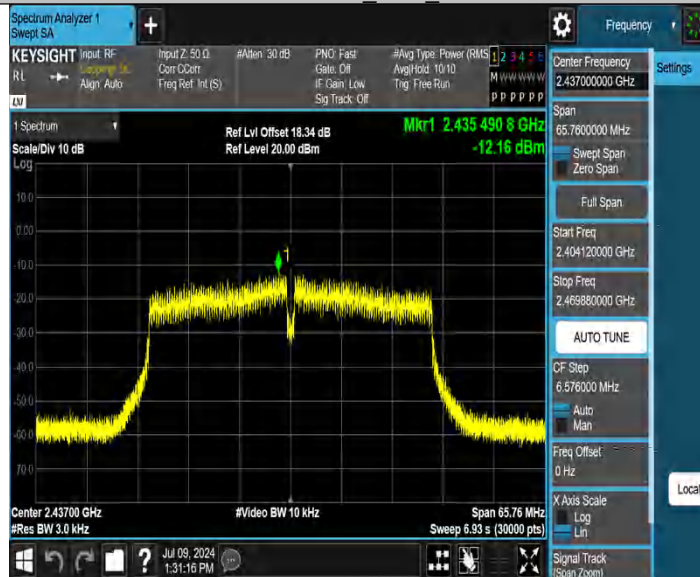
11N40MIMO Ant1 2422



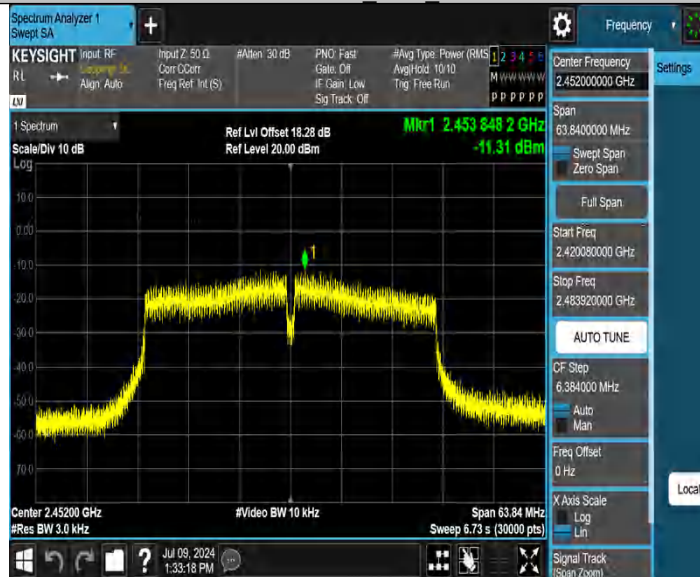
11N40MIMO Ant0 2437



11N40MIMO Ant1 2437



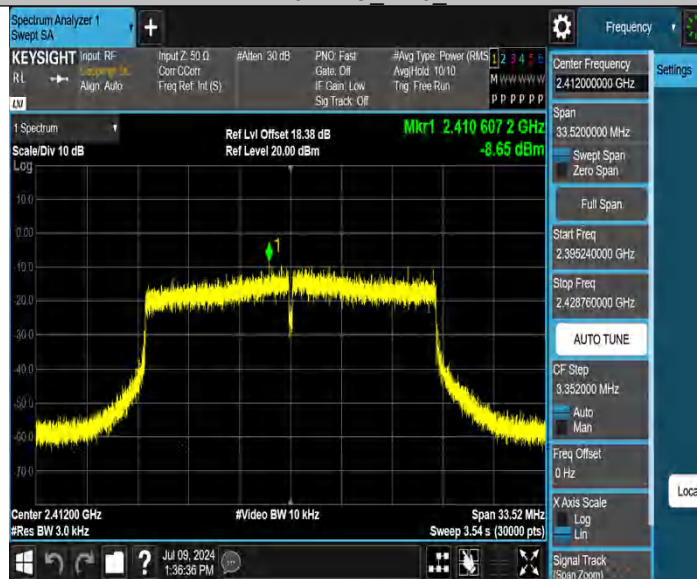
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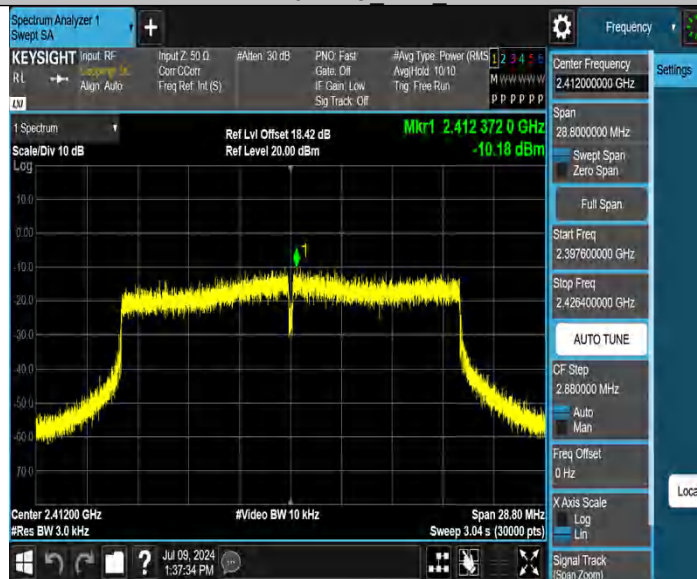
11N40MIMO Ant1 2452



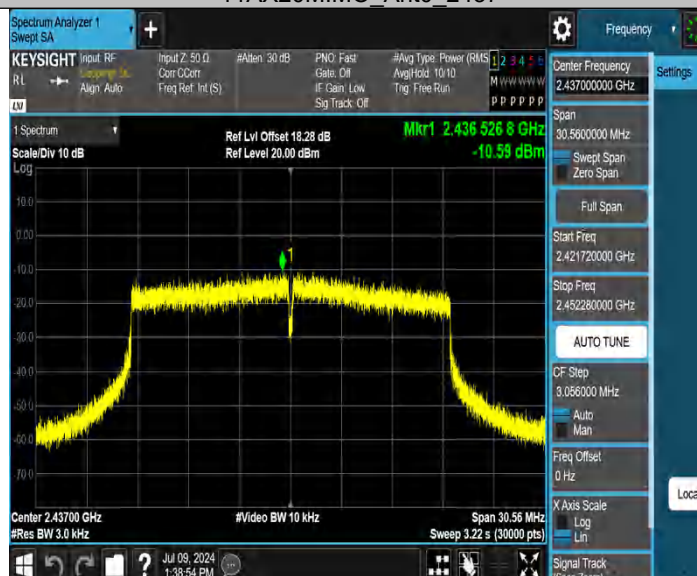
11AX20MIMO_Ant0_2412



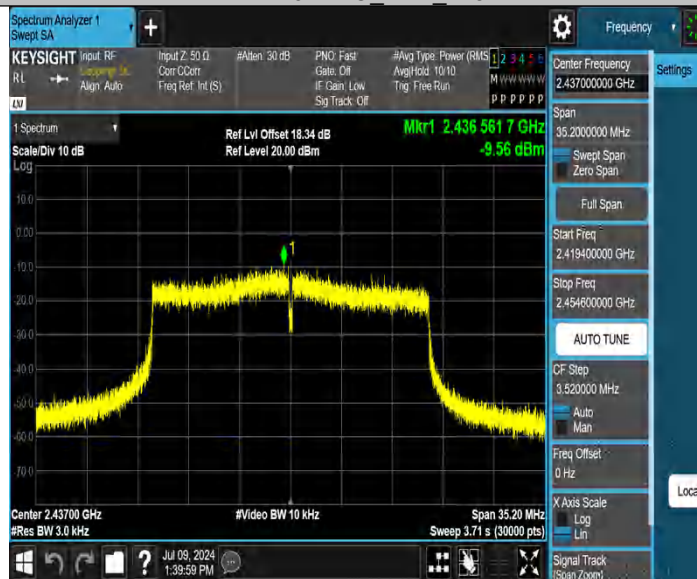
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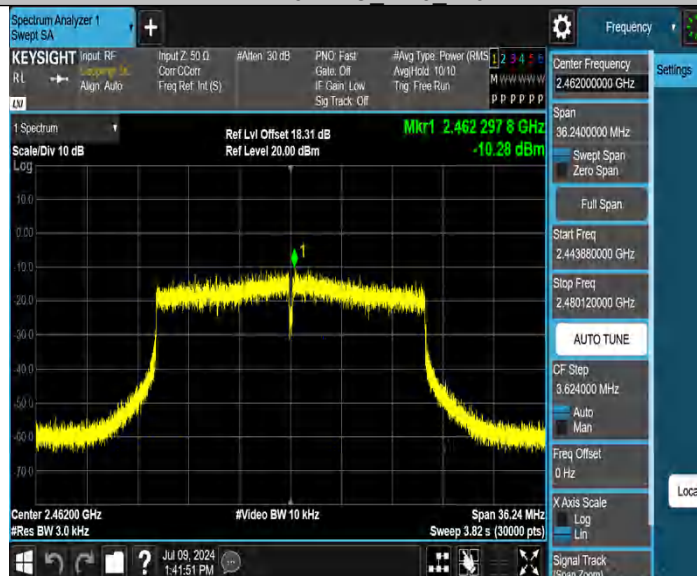
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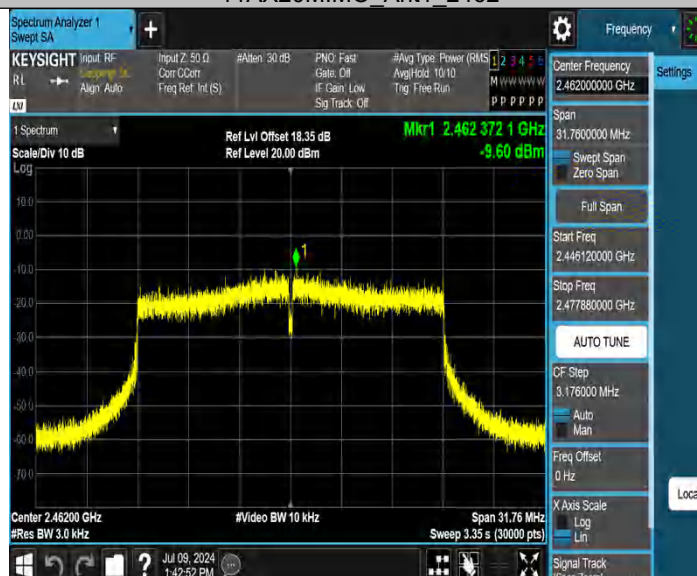
11AX20MIMO_Ant1_2437



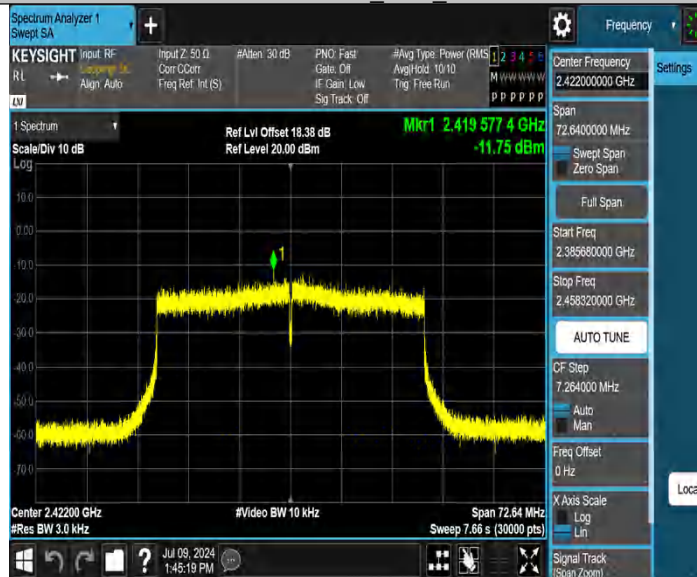
11AX20MIMO_Ant0_2462



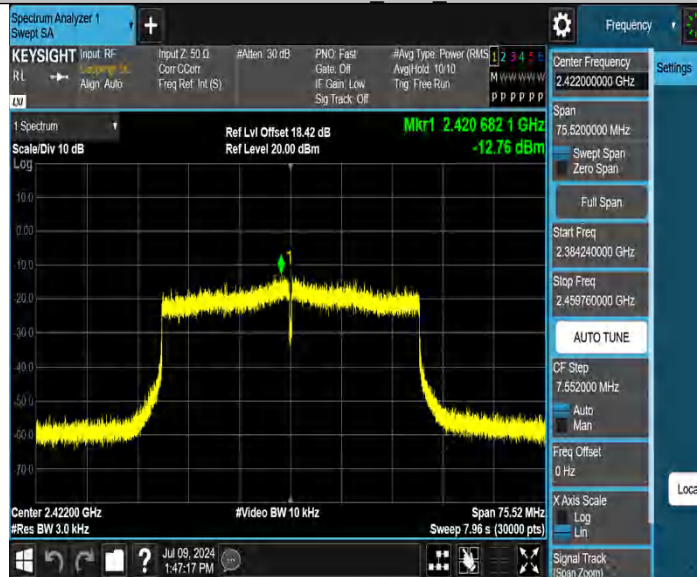
11AX20MIMO_Ant1_2462



11AX40MIMO_Ant0_2422



11AX40MIMO_Ant1_2422



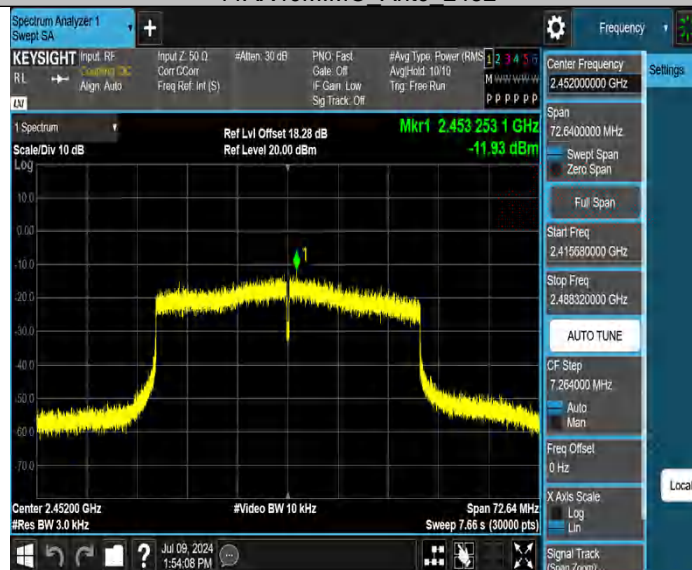
11AX40MIMO_Ant0_2437



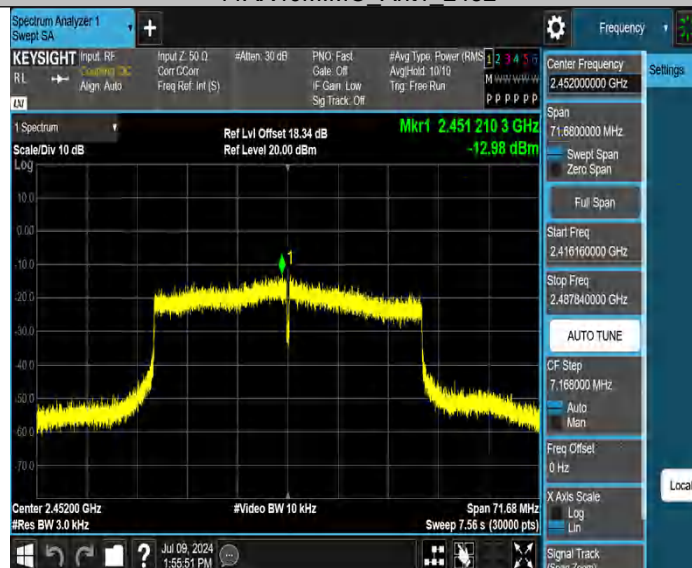
11AX40MIMO_Ant1_2437



11AX40MIMO_Ant0_2452



11AX40MIMO_Ant1_2452



Appendix B.2: Test Results of 6dB Bandwidth

Note: This testing was carried out on SISO mode and MIMO mode, but only the worst case (SISO mode ANT0) was presented in this report.

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant0	2412	7.600	2408.440	2416.040	0.5	PASS
		2437	7.080	2433.440	2440.520	0.5	PASS
		2462	8.520	2457.520	2466.040	0.5	PASS
11G	Ant0	2412	15.600	2404.560	2420.160	0.5	PASS
		2437	14.600	2429.280	2443.880	0.5	PASS
		2462	15.920	2453.840	2469.760	0.5	PASS
11N20SISO	Ant0	2412	14.440	2405.720	2420.160	0.5	PASS
		2437	13.760	2428.880	2442.640	0.5	PASS
		2462	15.400	2454.120	2469.520	0.5	PASS
11N40SISO	Ant0	2422	30.960	2406.000	2436.960	0.5	PASS
		2437	32.560	2421.960	2454.520	0.5	PASS
		2452	34.320	2434.240	2468.560	0.5	PASS
11AX20SISO	Ant0	2412	16.840	2404.480	2421.320	0.5	PASS
		2437	17.520	2427.880	2445.400	0.5	PASS
		2462	16.720	2452.800	2469.520	0.5	PASS
11AX40SISO	Ant0	2422	34.720	2405.120	2439.840	0.5	PASS
		2437	35.840	2418.440	2454.280	0.5	PASS
		2452	33.840	2433.200	2467.040	0.5	PASS

11B_Ant0 2412



11B_Ant0 2437



11B_Ant0 2462



11G_Ant0_2412



11G_Ant0_2437



11G_Ant0_2462



11N20SISO Ant0 2412



11N20SISO Ant0 2437



11N20SISO Ant0 2462



11N40SISO Ant0 2422



11N40SISO Ant0 2437



11N40SISO Ant0 2452



11AX20SISO_Ant0_2412



11AX20SISO_Ant0_2437



11AX20SISO_Ant0_2462



11AX40SISO_Ant0_2422



11AX40SISO_Ant0_2437



11AX40SISO_Ant0_2452

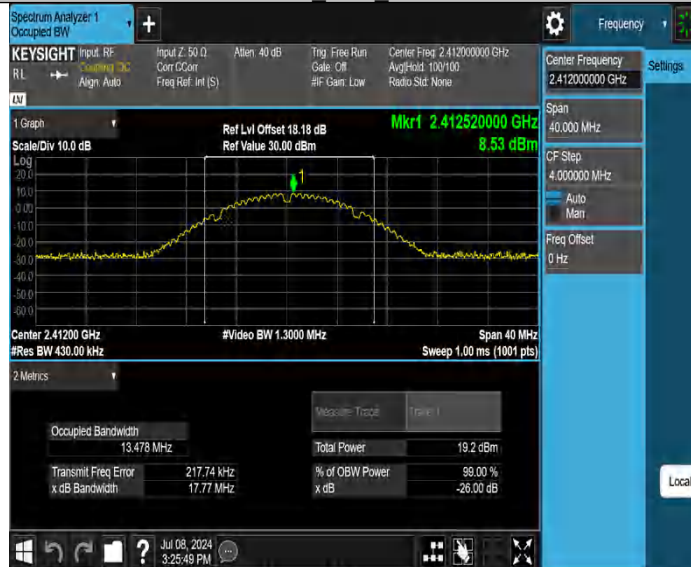


Appendix B.3: Test Results of 99% Bandwidth

Note: This testing was carried out on SISO mode and MIMO mode, but only the worst case (SISO mode ANT0) was presented in this report.

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant0	2412	13.478	2405.4787	2418.9567	---	PASS
		2437	13.470	2430.1859	2443.6559	---	PASS
		2462	13.802	2454.9304	2468.7324	---	PASS
11G	Ant0	2412	16.438	2403.8574	2420.2954	---	PASS
		2437	16.422	2428.7776	2445.1996	---	PASS
		2462	16.480	2453.7248	2470.2048	---	PASS
11N20SISO	Ant0	2412	17.656	2403.2621	2420.9181	---	PASS
		2437	17.655	2428.1350	2445.7900	---	PASS
		2462	17.698	2453.1076	2470.8056	---	PASS
11N40SISO	Ant0	2422	36.122	2403.9461	2440.0681	---	PASS
		2437	36.015	2419.0491	2455.0641	---	PASS
		2452	35.997	2433.9572	2469.9542	---	PASS
11AX20SISO	Ant0	2412	18.881	2402.6396	2421.5206	---	PASS
		2437	18.946	2427.5012	2446.4472	---	PASS
		2462	18.930	2452.4971	2471.4271	---	PASS
11AX40SISO	Ant0	2422	37.717	2403.1297	2440.8467	---	PASS
		2437	37.836	2418.1435	2455.9795	---	PASS
		2452	37.679	2433.1141	2470.7931	---	PASS

11B_Ant0_2412



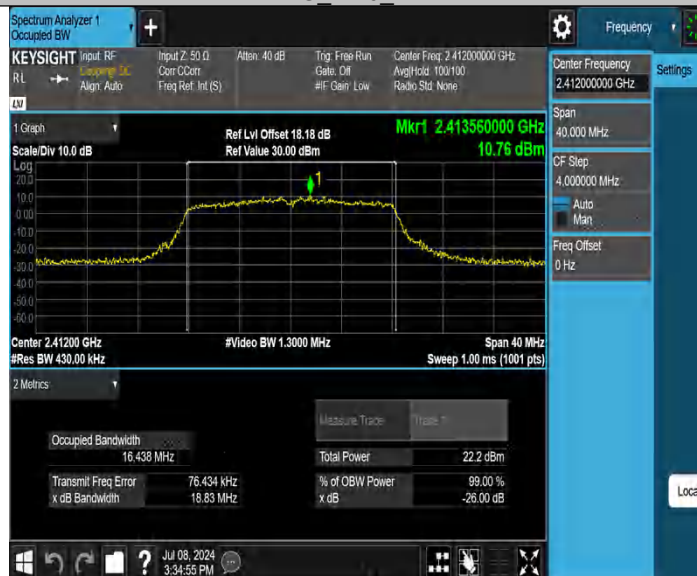
11B_Ant0_2437



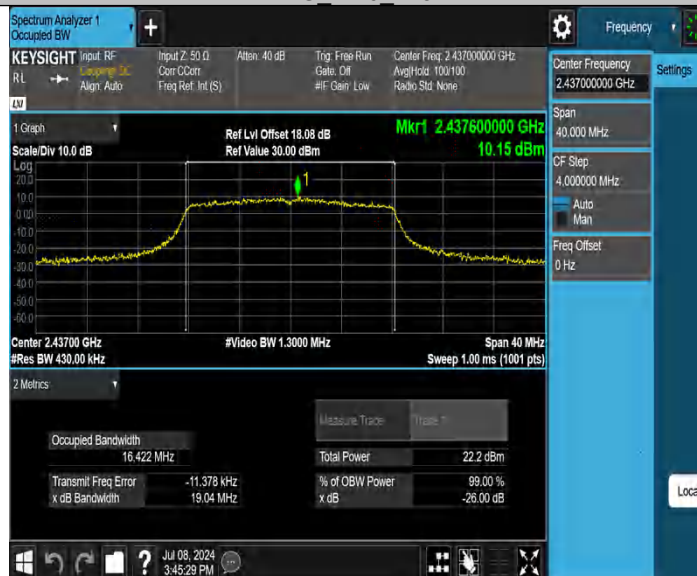
11B_Ant0_2462



11G_Ant0_2412



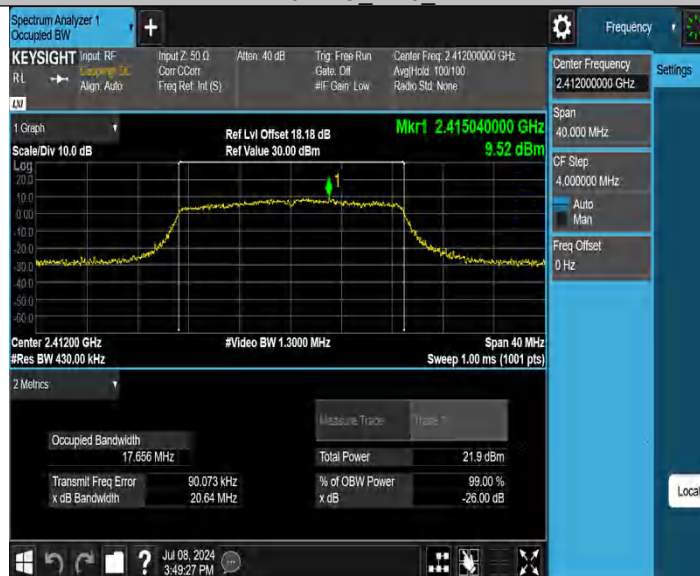
11G_Ant0_2437



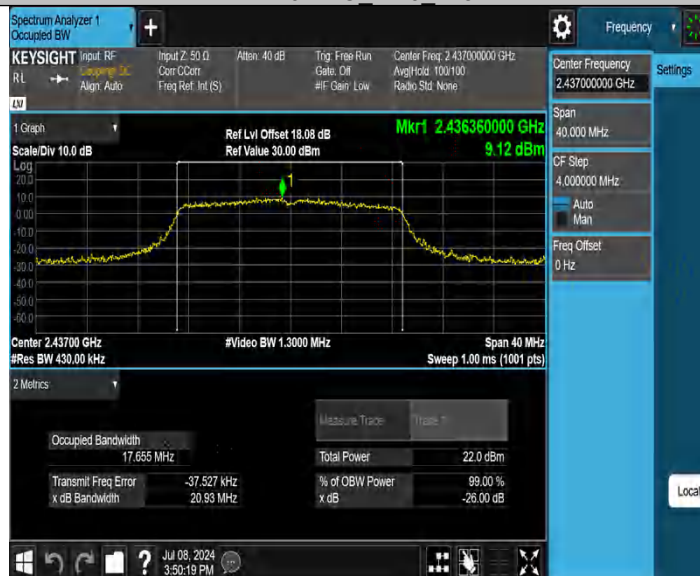
11G_Ant0_2462



11N20SISO Ant0 2412



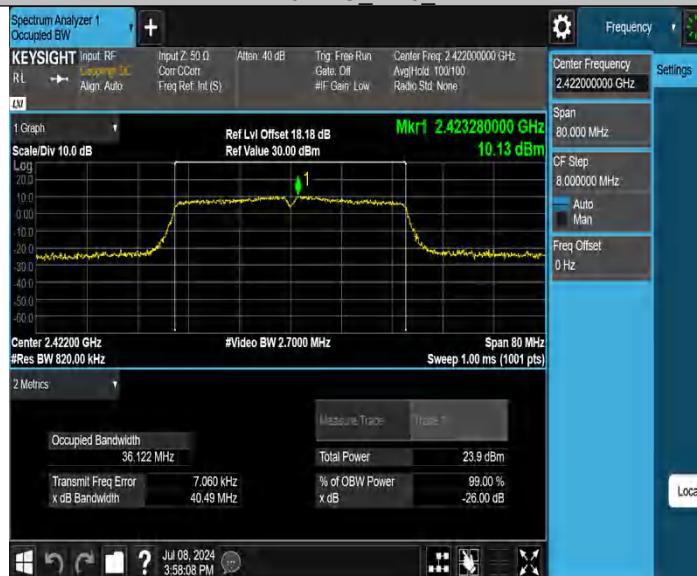
11N20SISO Ant0 2437



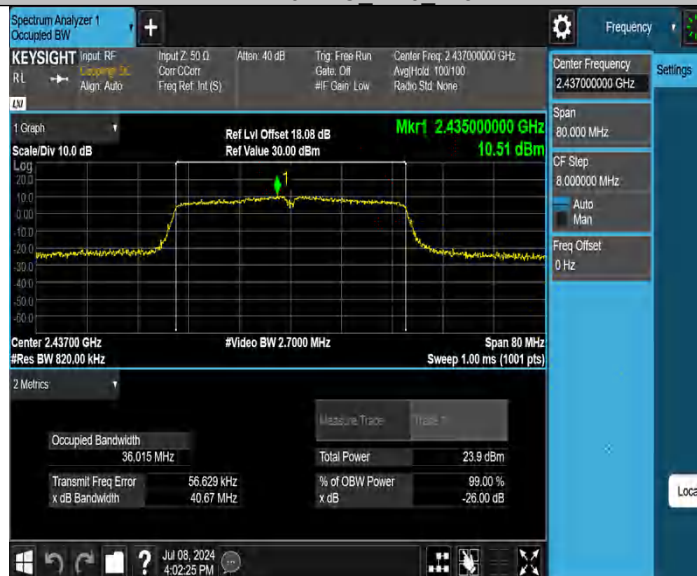
11N20SISO Ant0 2462



11N40SISO Ant0 2422



11N40SISO Ant0 2437

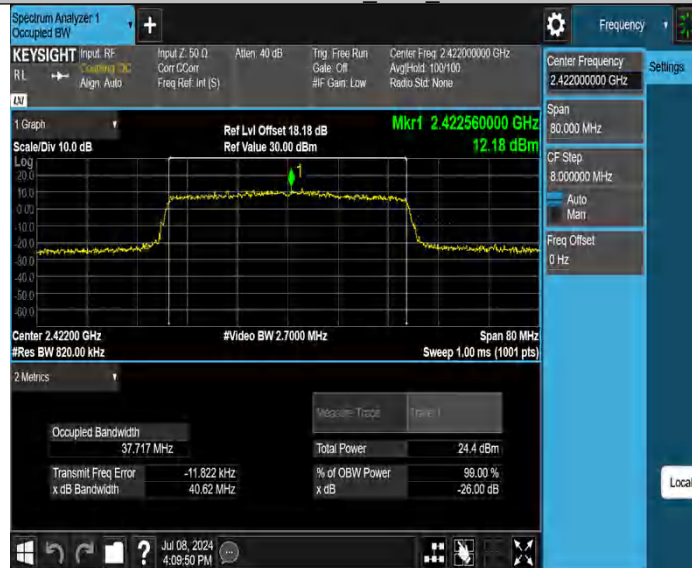


11N40SISO Ant0 2452





11AX40SISO_Ant0_2422



11AX40SISO_Ant0_2437



11AX40SISO_Ant0_2452



Appendix B.4: Test Results of Conducted Spurious Emissions Measured in 100 kHz Bandwidth

Note: This testing was carried out on SISO mode and MIMO mode, but only the worst case (SISO mode ANT0) was presented in this report.

Band Edge

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant0	Low	2412	7.00	-39.79	≤-13	PASS
		High	2462	6.84	-40.83	≤-13.16	PASS
11G	Ant0	Low	2412	7.33	-35.72	≤-12.67	PASS
		High	2462	6.07	-37.73	≤-13.93	PASS
11N20SISO	Ant0	Low	2412	6.93	-32.38	≤-13.07	PASS
		High	2462	3.51	-34.27	≤-16.49	PASS
11N40SISO	Ant0	Low	2422	3.28	-31.15	≤-16.72	PASS
		High	2452	3.32	-29.44	≤-16.68	PASS
11AX20SISO	Ant0	Low	2412	6.77	-31.01	≤-13.23	PASS
		High	2462	5.20	-31.71	≤-14.81	PASS
11AX40SISO	Ant0	Low	2422	2.38	-30.79	≤-17.62	PASS
		High	2452	1.73	-31.97	≤-18.27	PASS

11B Ant0 Low 2412



11B Ant0 High 2462



11G Ant0 Low 2412



11G_Ant0_High_2462



11N20SISO_Ant0_Low_2412



11N20SISO_Ant0_High_2462



11N40SISO_Ant0_Low_2422



11N40SISO_Ant0_High_2452



11AX20SISO_Ant0_Low_2412



11AX20SISO_Ant0_High_2462



11AX40SISO_Ant0_Low_2422



11AX40SISO_Ant0_High_2452



Conducted Spurious Emission

TestMode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant0	2412	Reference	7.07	7.07	---	PASS
			30~1000	7.07	-41.52	≤-12.93	PASS
			1000~26500	7.07	-32.74	≤-12.93	PASS
		2437	Reference	5.85	5.85	---	PASS
			30~1000	5.85	-41.56	≤-14.15	PASS
			1000~26500	5.85	-32.43	≤-14.15	PASS
		2462	Reference	5.65	5.65	---	PASS
			30~1000	5.65	-41.36	≤-14.35	PASS
			1000~26500	5.65	-32.63	≤-14.35	PASS
11G	Ant0	2412	Reference	3.23	3.23	---	PASS
			30~1000	3.23	-41.18	≤-16.77	PASS
			1000~26500	3.23	-32.47	≤-16.77	PASS
		2437	Reference	5.57	5.57	---	PASS
			30~1000	5.57	-41.33	≤-14.43	PASS
			1000~26500	5.57	-32.69	≤-14.43	PASS
		2462	Reference	4.54	4.54	---	PASS
			30~1000	4.54	-40.99	≤-15.46	PASS
			1000~26500	4.54	-31.79	≤-15.46	PASS
11N20SISO	Ant0	2412	Reference	3.80	3.80	---	PASS
			30~1000	3.80	-42.07	≤-16.2	PASS
			1000~26500	3.80	-32.28	≤-16.2	PASS
		2437	Reference	3.21	3.21	---	PASS
			30~1000	3.21	-42.02	≤-16.79	PASS
			1000~26500	3.21	-32.39	≤-16.79	PASS
		2462	Reference	2.92	2.92	---	PASS
			30~1000	2.92	-41.93	≤-17.08	PASS
			1000~26500	2.92	-33.91	≤-17.08	PASS
11N40SISO	Ant0	2422	Reference	0.87	0.87	---	PASS
			30~1000	0.87	-41.44	≤-19.13	PASS
			1000~26500	0.87	-33.02	≤-19.13	PASS
		2437	Reference	1.15	1.15	---	PASS
			30~1000	1.15	-41.05	≤-18.85	PASS
			1000~26500	1.15	-33.14	≤-18.85	PASS
		2452	Reference	0.00	0.00	---	PASS
			30~1000	0.00	-42.45	≤-20	PASS
			1000~26500	0.00	-33.01	≤-20	PASS
11AX20SISO	Ant0	2412	Reference	3.05	3.05	---	PASS
			30~1000	3.05	-41.46	≤-16.95	PASS
			1000~26500	3.05	-31.73	≤-16.95	PASS
		2437	Reference	4.96	4.96	---	PASS
			30~1000	4.96	-41.9	≤-15.04	PASS
			1000~26500	4.96	-33.08	≤-15.04	PASS
		2462	Reference	2.72	2.72	---	PASS
			30~1000	2.72	-41.1	≤-17.28	PASS
			1000~26500	2.72	-32.39	≤-17.28	PASS
11AX40SISO	Ant0	2422	Reference	3.21	3.21	---	PASS
			30~1000	3.21	-42.25	≤-16.79	PASS
			1000~26500	3.21	-32.68	≤-16.79	PASS
		2437	Reference	1.62	1.62	---	PASS
			30~1000	1.62	-41.43	≤-18.38	PASS
			1000~26500	1.62	-33	≤-18.38	PASS
		2452	Reference	1.56	1.56	---	PASS
			30~1000	1.56	-42.09	≤-18.44	PASS
			1000~26500	1.56	-32.85	≤-18.44	PASS

11B_Ant0_2412_0~Reference



11B_Ant0_2412_30~1000



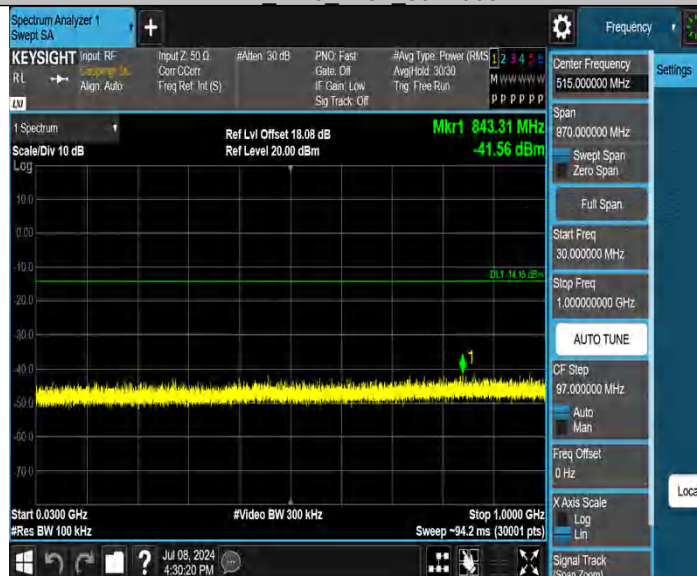
11B_Ant0_2412_1000~26500



11B_Ant0_2437_0~Reference



11B_Ant0_2437_30~1000



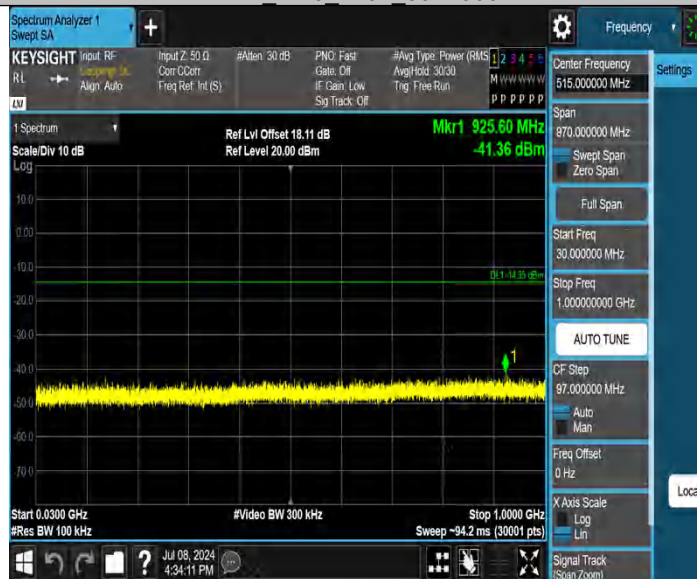
11B_Ant0_2437_1000~26500



11B_Ant0_2462_0~Reference



11B_Ant0_2462_30~1000



11B_Ant0_2462_1000~26500



11G_Ant0_2412_0~Reference



11G_Ant0_2412_30~1000



11G_Ant0_2412_1000~26500



11G_Ant0_2437_0~Reference



11G_Ant0_2437_30~1000



11G_Ant0_2437_1000~26500



11G_Ant0_2462_0~Reference



11G_Ant0_2462_30~1000



11G_Ant0_2462_1000~26500



11N20SISO_Ant0_2412_0~Reference



11N20SISO_Ant0_2412_30~1000



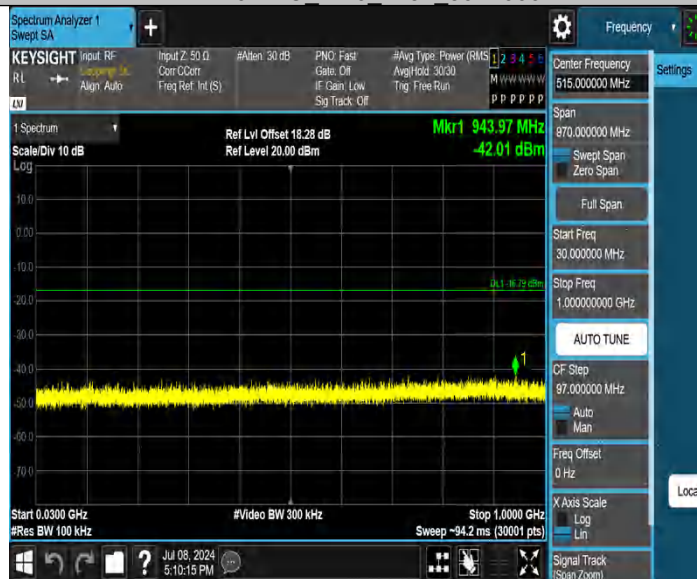
11N20SISO_Ant0_2412_1000~26500



11N20SISO_Ant0_2437_0~Reference



11N20SISO_Ant0_2437_30~1000



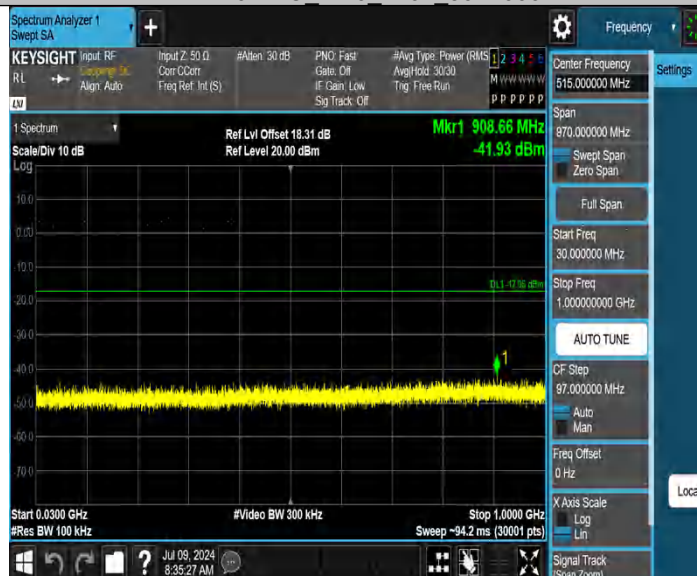
11N20SISO_Ant0_2437_1000~26500



11N20SISO_Ant0_2462_0~Reference



11N20SISO_Ant0_2462_30~1000



11N20SISO_Ant0_2462_1000~26500



11N40SISO_Ant0_2422_0~Reference



11N40SISO_Ant0_2422_30~1000



11N40SISO_Ant0_2422_1000~26500



11N40SISO_Ant0_2437_0~Reference



11N40SISO_Ant0_2437_30~1000



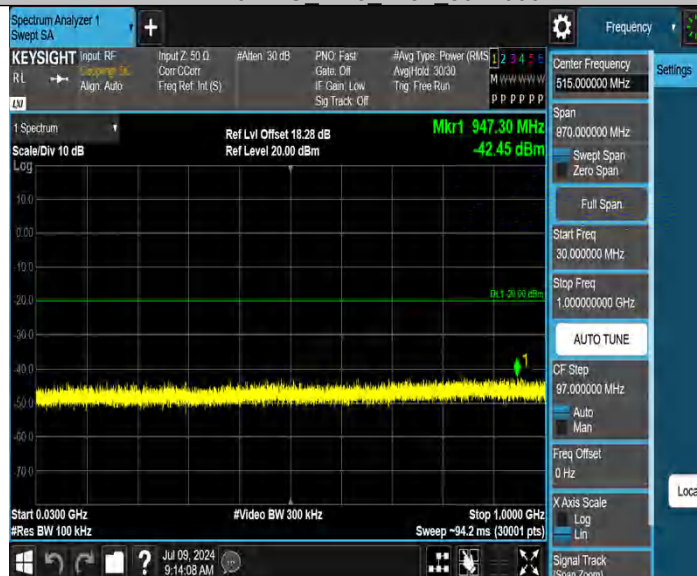
11N40SISO_Ant0_2437_1000~26500



11N40SISO_Ant0_2452_0~Reference



11N40SISO_Ant0_2452_30~1000



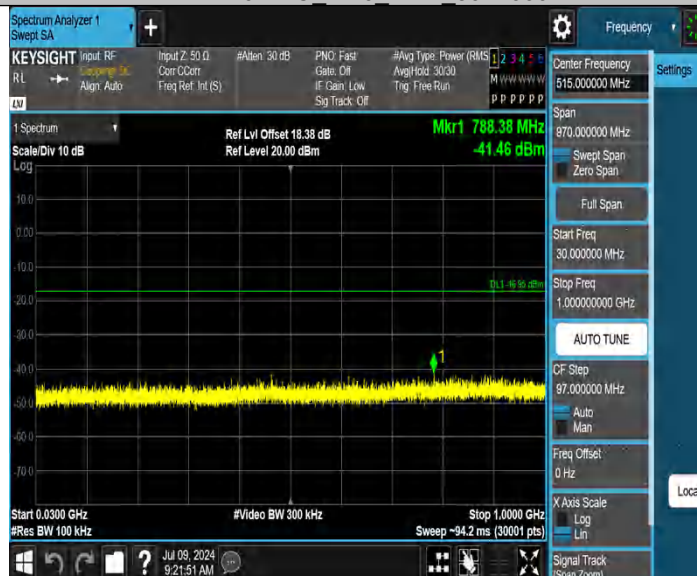
11N40SISO_Ant0_2452_1000~26500



11AX20SISO_Ant0_2412_0~Reference



11AX20SISO_Ant0_2412_30~1000



11AX20SISO_Ant0_2412_1000~26500



11AX20SISO_Ant0_2437_0~Reference



11AX20SISO_Ant0_2437_30~1000



11AX20SISO_Ant0_2437_1000~26500



11AX20SISO_Ant0_2462_0~Reference



11AX20SISO_Ant0_2462_30~1000



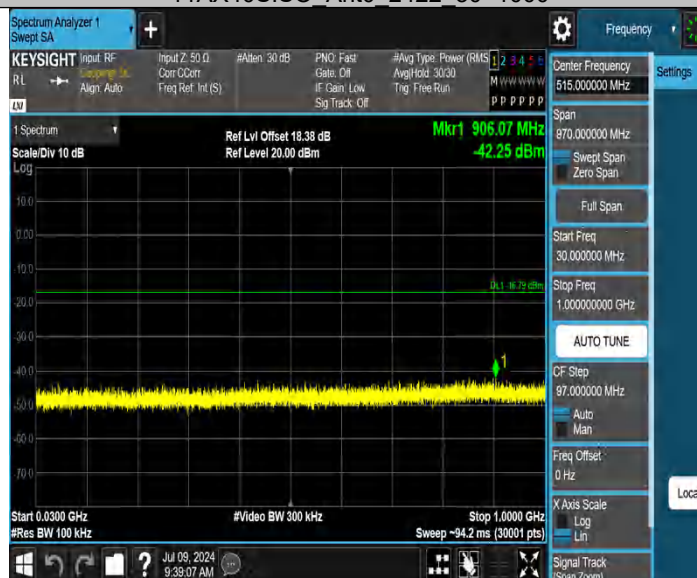
11AX20SISO_Ant0_2462_1000~26500



11AX40SISO_Ant0_2422_0~Reference



11AX40SISO_Ant0_2422_30~1000



11AX40SISO_Ant0_2422_1000~26500



11AX40SISO_Ant0_2437_0~Reference



11AX40SISO_Ant0_2437_30~1000



11AX40SISO_Ant0_2437_1000~26500



11AX40SISO_Ant0_2452_0~Reference



11AX40SISO_Ant0_2452_30~1000



11AX40SISO_Ant0_2452_1000~26500



Appendix B.5: Test Results of Radiated Spurious Emissions

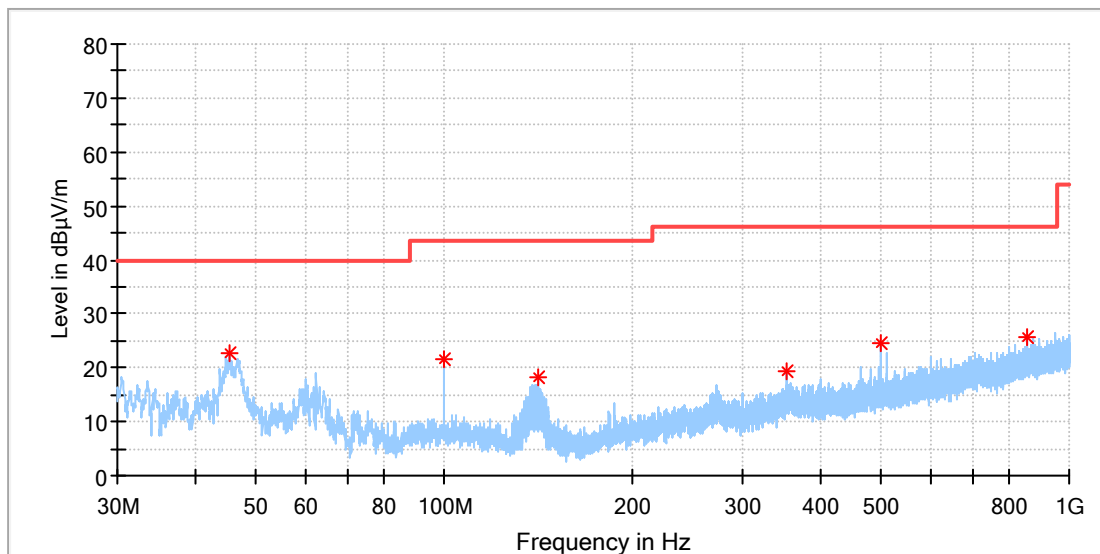
Note:

- 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 and 18GHz - 26.5GHz were greater than 20dB below the limit, so only the radiated spurious emissions from 30MHz to 18GHz were reported.

30MHz - 1GHz (Worst case)

EUT Information

EUT Name:	Controller
Model:	RC520
Test Mode:	WIFI 2.4G_11b_Ch6
Order No/Sample No:	168484699/A003743309-003
Test Voltage:	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

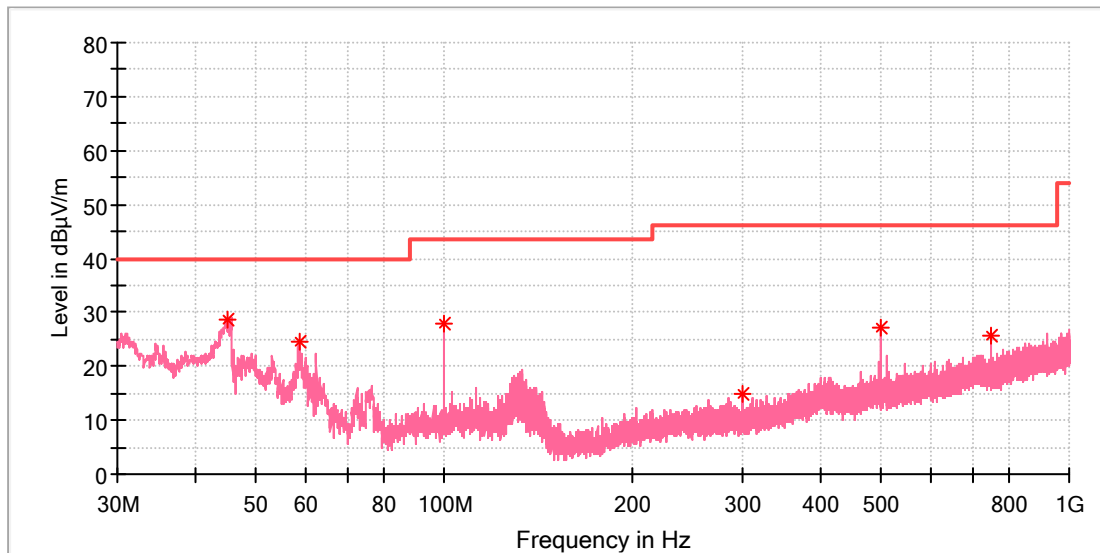
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
45.482692	22.81	40.00	17.19	100.0	H	65.0	-19.1
99.989231	21.69	43.50	21.81	100.0	H	170.0	-19.3
141.102308	18.33	43.50	25.17	100.0	H	155.0	-22.6
351.965385	19.40	46.00	26.60	100.0	H	278.0	-15.1
500.002308	24.68	46.00	21.32	100.0	H	0.0	-12.2
858.454615	25.59	46.00	20.41	100.0	H	238.0	-5.8

Final_Result

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

EUT Information

EUT Name:	Controller
Model:	RC520
Test Mode:	WIFI 2.4G_11b_Ch6
Order No/Sample No:	168484699/A003743309-003
Test Voltage:	Battery
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)
44.960385	28.71	40.00	11.29	100.0	V	339.0	-19.2
58.577692	24.69	40.00	15.31	100.0	V	332.0	-19.1
99.989231	27.72	43.50	15.78	100.0	V	0.0	-19.3
299.995769	14.85	46.00	31.15	100.0	V	247.0	-16.6
500.002308	27.07	46.00	18.93	100.0	V	194.0	-12.2
750.038462	25.61	46.00	20.39	100.0	V	262.0	-7.6

Final Result

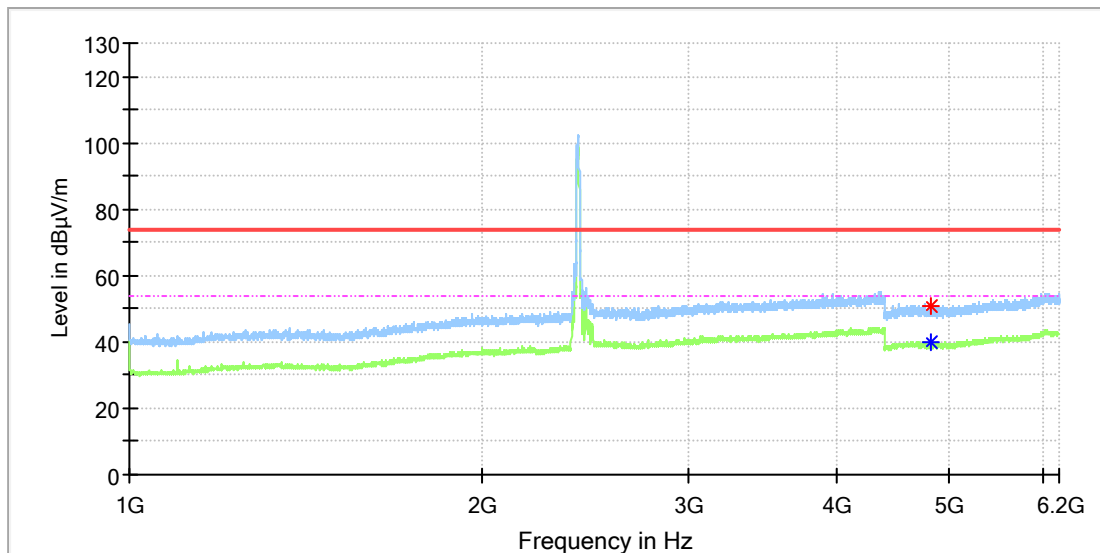
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

1GHz - 18GHz

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

EUT Information

EUT Name:	Controller
Model:	RC520
Test Mode:	WIFI 2.4G_11b_Ch1
Order No/Sample No:	168484699/A003743309-003
Test Voltage:	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

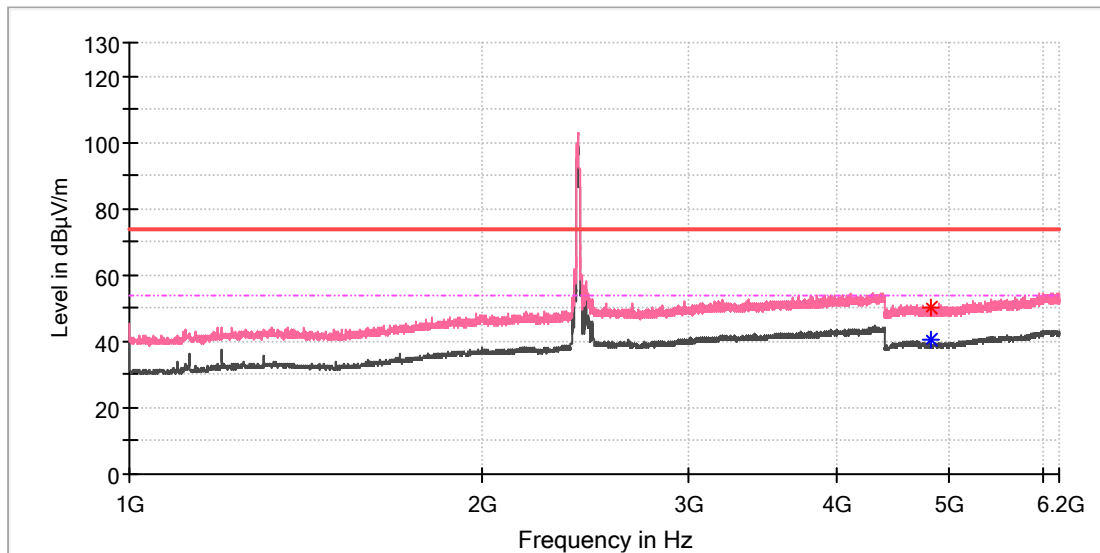
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4814.000000	50.53	---	74.00	23.47	150.0	H	42.0	11.8
4824.000000	---	39.97	54.00	14.03	150.0	H	61.0	11.8

Final_Result

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

EUT Information

EUT Name:	Controller
Model:	RC520
Test Mode:	WIFI 2.4G_11b_Ch1
Order No/Sample No:	168484699/A003743309-003
Test Voltage:	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

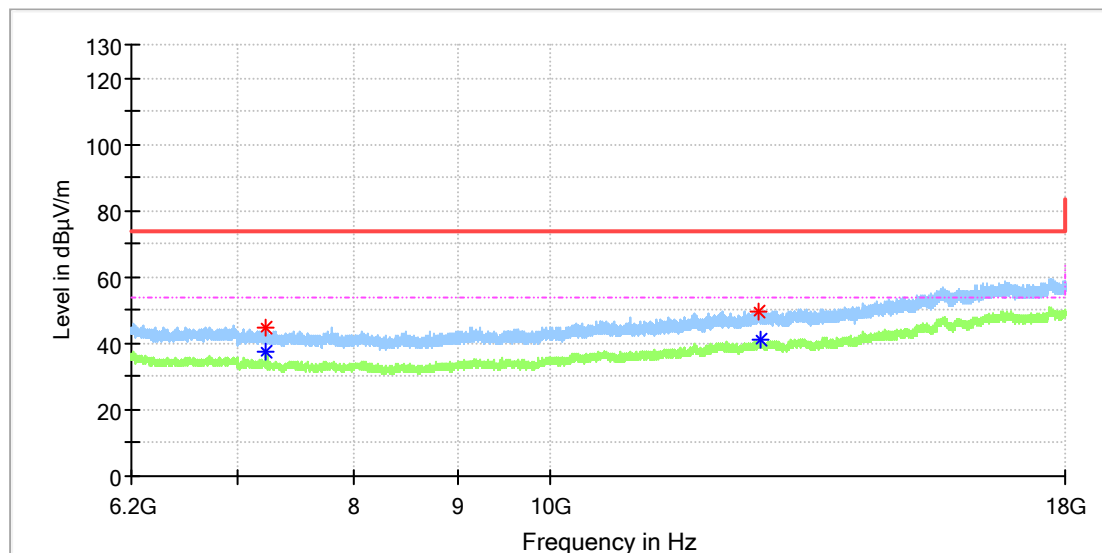
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4823.000000	50.13	---	74.00	23.87	150.0	V	52.0	11.8
4823.500000	---	40.27	54.00	13.73	150.0	V	333.0	11.8

Final Result

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

EUT Information

EUT Name:	Controller
Model:	RC520
Test Mode:	WIFI 2.4G_11b_Ch1
Order No/Sample No:	168484699/A003743309-003
Test Voltage:	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

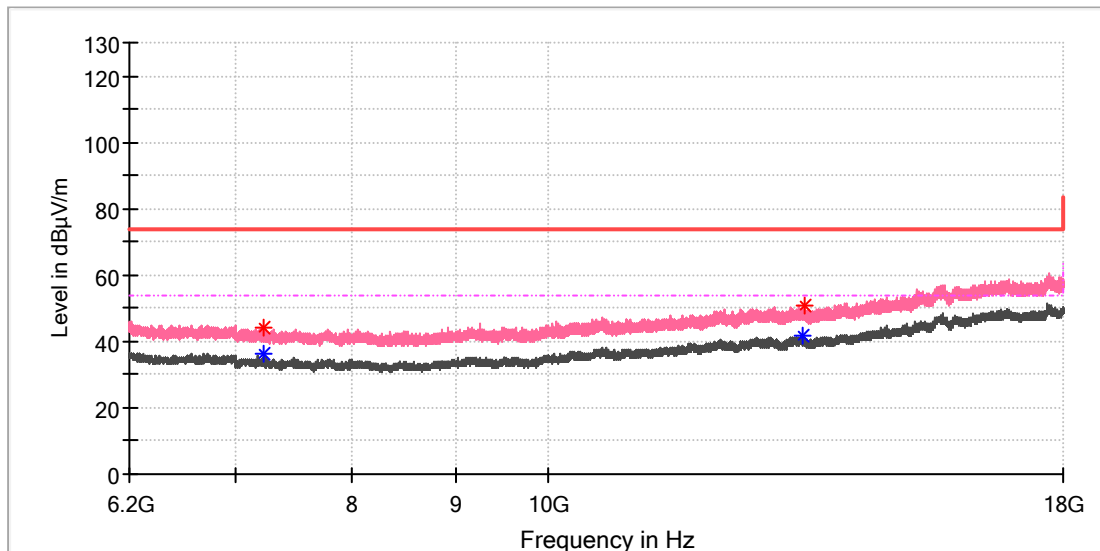
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7233.483333	44.95	---	74.00	29.05	150.0	H	64.0	8.6
7233.975000	---	37.35	54.00	16.65	150.0	H	0.0	8.6
12681.641667	49.63	---	74.00	24.37	150.0	H	118.0	15.1
12713.108333	---	41.12	54.00	12.88	150.0	H	118.0	15.1

Final Result

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

EUT Information

EUT Name:	Controller
Model:	RC520
Test Mode:	WIFI 2.4G_11b_Ch1
Order No/Sample No:	168484699/A003743309-003
Test Voltage:	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

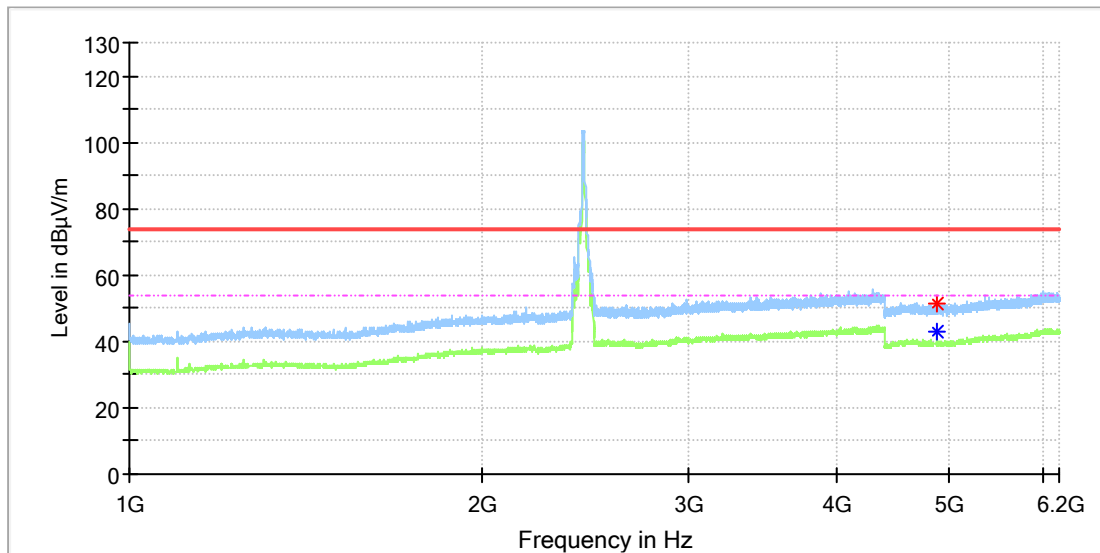
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7234.958333	44.12	---	74.00	29.88	150.0	V	216.0	8.6
7234.958333	---	36.08	54.00	17.92	150.0	V	216.0	8.6
13358.175000	---	41.89	54.00	12.11	150.0	V	109.0	15.5
13404.883333	50.62	---	74.00	23.38	150.0	V	18.0	15.6

Final Result

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

EUT Information

EUT Name:	Controller
Model:	RC520
Test Mode:	WIFI 2.4G_11b_Ch6
Order No/Sample No:	168484699/A003743309-003
Test Voltage:	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

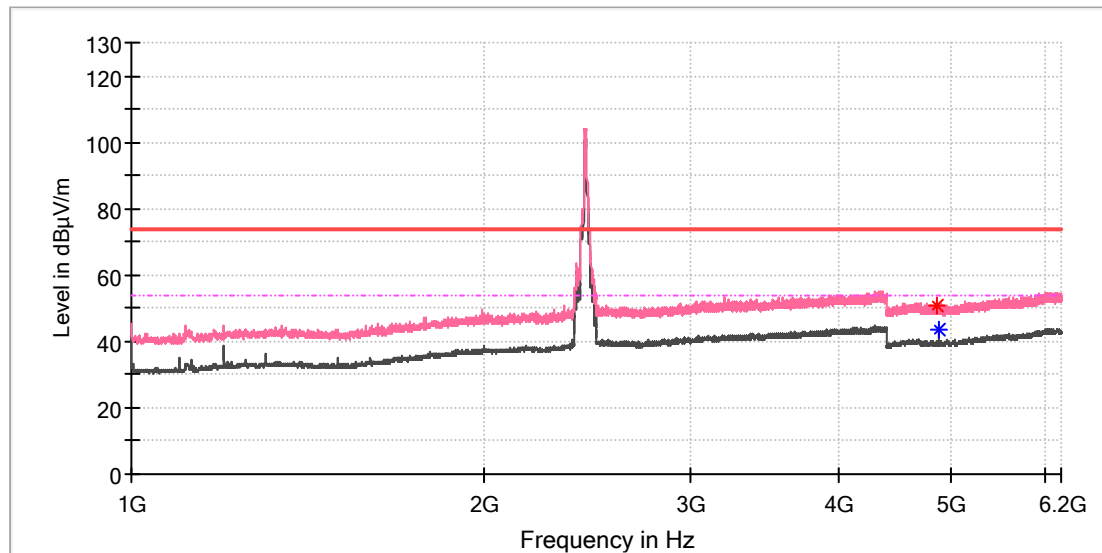
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4874.000000	51.44	---	74.00	22.56	150.0	H	45.0	11.8
4874.000000	---	43.17	54.00	10.83	150.0	H	45.0	11.8

Final Result

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

EUT Information

EUT Name:	Controller
Model:	RC520
Test Mode:	WIFI 2.4G_11b_Ch6
Order No/Sample No:	168484699/A003743309-003
Test Voltage:	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

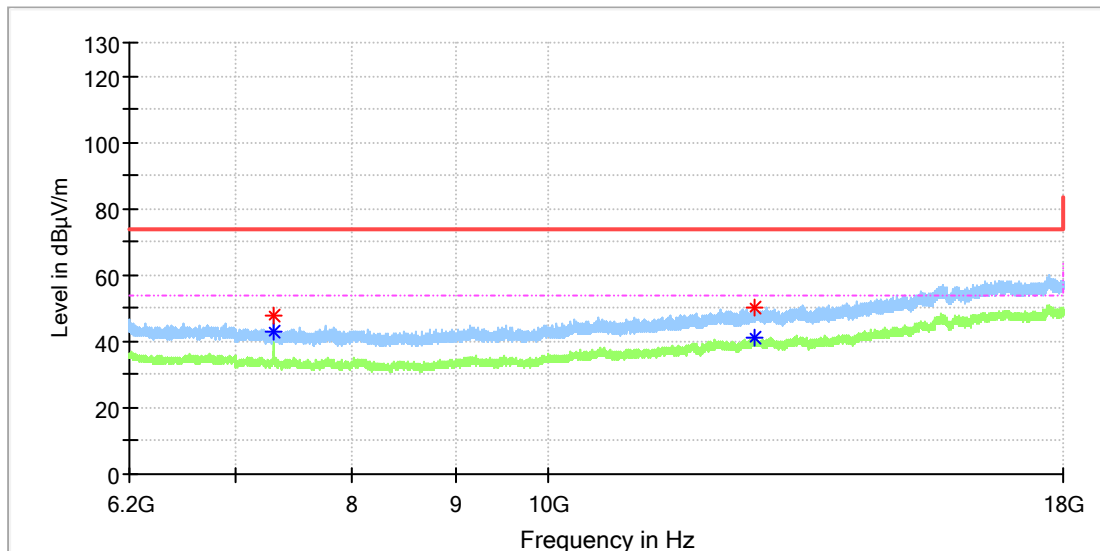
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4858.000000	50.74	---	74.00	23.26	150.0	V	283.0	11.8
4874.000000	---	43.75	54.00	10.25	150.0	V	264.0	11.8

Final Result

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

EUT Information

EUT Name:	Controller
Model:	RC520
Test Mode:	WIFI 2.4G_11b_Ch6
Order No/Sample No:	168484699/A003743309-003
Test Voltage:	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

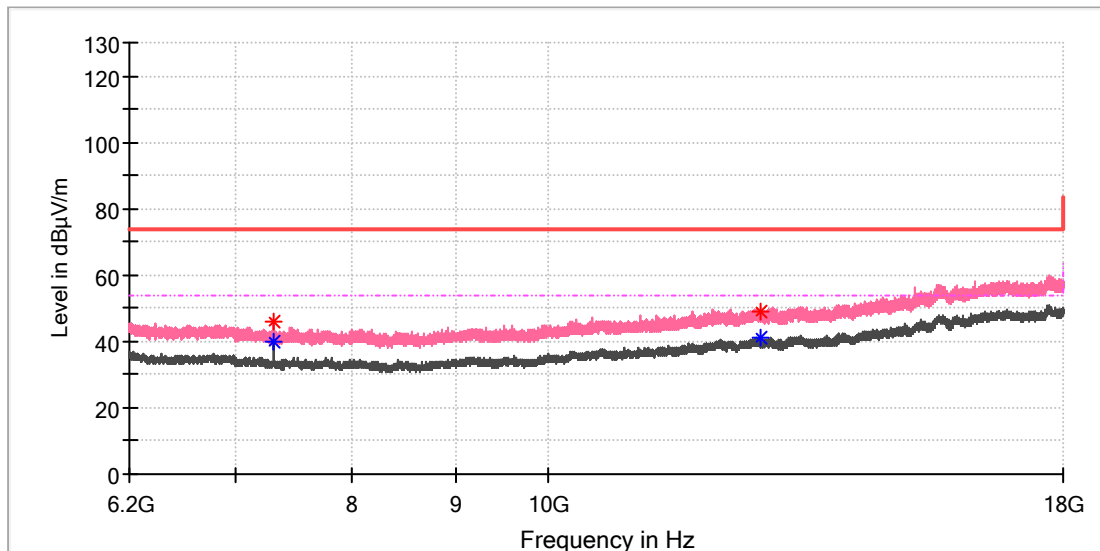
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7309.691667	47.91	---	74.00	26.09	150.0	H	301.0	8.2
7310.183333	---	43.16	54.00	10.84	150.0	H	301.0	8.2
12654.108333	---	41.06	54.00	12.94	150.0	H	289.0	15.0
12666.400000	50.15	---	74.00	23.85	150.0	H	196.0	15.1

Final Result

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

EUT Information

EUT Name:	Controller
Model:	RC520
Test Mode:	WIFI 2.4G_11b_Ch6
Order No/Sample No:	168484699/A003743309-003
Test Voltage:	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

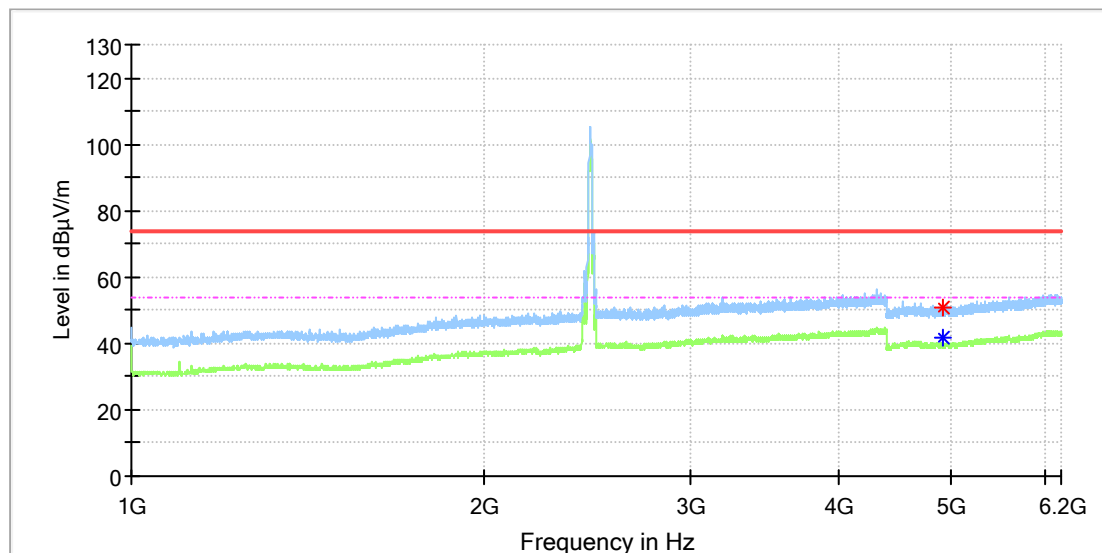
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7309.200000	45.92	---	74.00	28.08	150.0	V	144.0	8.2
7311.658333	---	39.92	54.00	14.08	150.0	V	144.0	8.2
12730.808333	---	41.10	54.00	12.90	150.0	V	108.0	15.2
12748.508333	49.13	---	74.00	24.87	150.0	V	287.0	15.2

Final Result

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

EUT Information

EUT Name:	Controller
Model:	RC520
Test Mode:	WIFI 2.4G_11b_Ch11
Order No/Sample No:	168484699/A003743309-003
Test Voltage:	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

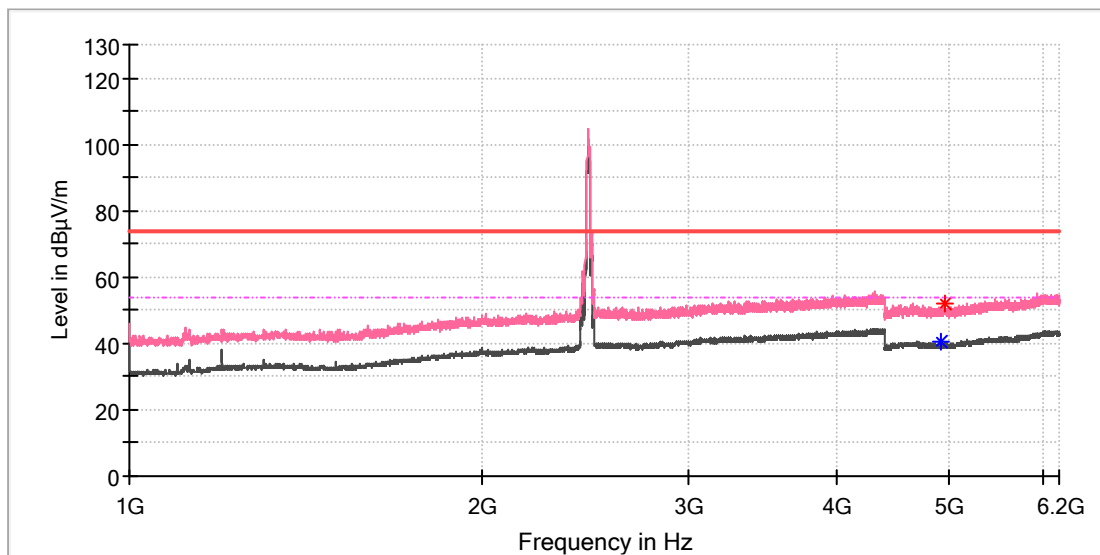
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4923.500000	---	41.96	54.00	12.04	150.0	H	121.0	11.8
4924.000000	50.94	---	74.00	23.06	150.0	H	115.0	11.8

Final Result

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

EUT Information

EUT Name:	Controller
Model:	RC520
Test Mode:	WIFI 2.4G_11b_Ch11
Order No/Sample No:	168484699/A003743309-003
Test Voltage:	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

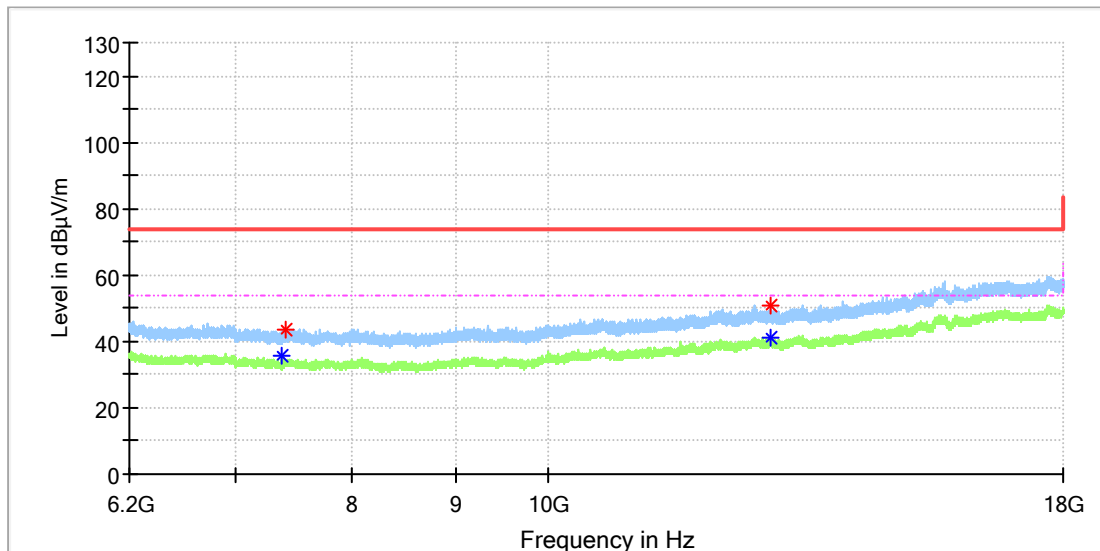
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4924.000000	---	40.77	54.00	13.23	150.0	V	39.0	11.8
4951.500000	52.19	---	74.00	21.81	150.0	V	164.0	11.8

Final Result

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

EUT Information

EUT Name:	Controller
Model:	RC520
Test Mode:	WIFI 2.4G_11b_Ch11
Order No/Sample No:	168484699/A003743309-003
Test Voltage:	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

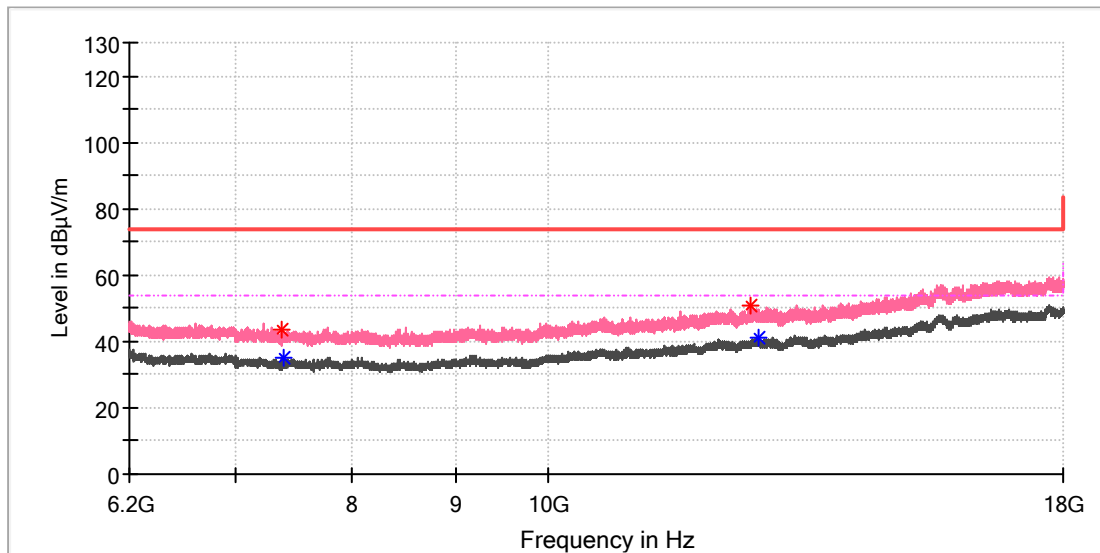
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7385.408333	---	35.80	54.00	18.20	150.0	H	48.0	8.2
7410.975000	43.75	---	74.00	30.25	150.0	H	84.0	8.3
12879.783333	50.55	---	74.00	23.45	150.0	H	275.0	15.4
12899.941667	---	40.88	54.00	13.12	150.0	H	250.0	15.5

Final Result

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

EUT Information

EUT Name:	Controller
Model:	RC520
Test Mode:	WIFI 2.4G_11b_Ch11
Order No/Sample No:	168484699/A003743309-003
Test Voltage:	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

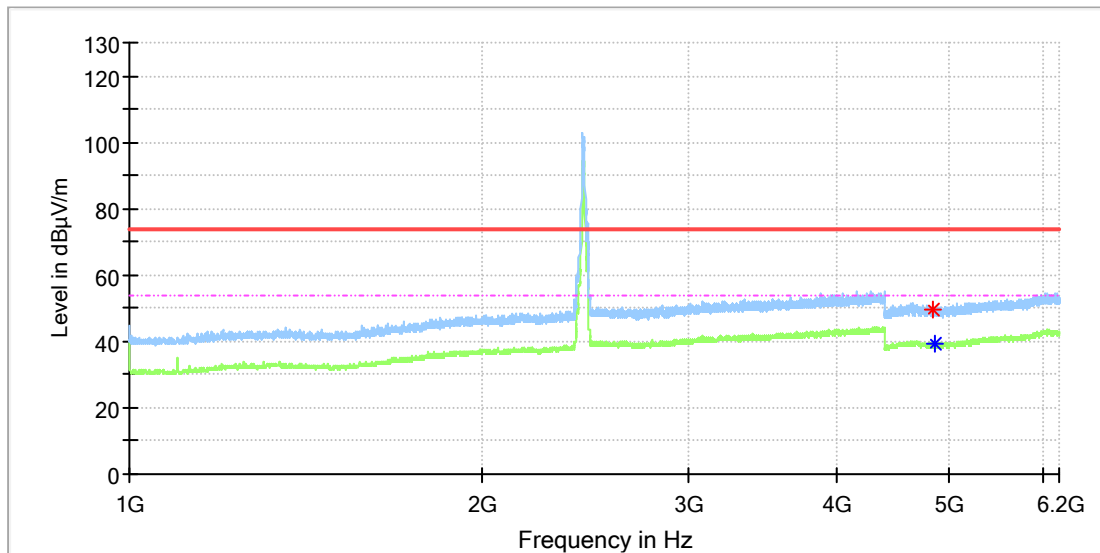
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7384.916667	43.66	---	74.00	30.34	150.0	V	202.0	8.2
7387.375000	---	34.96	54.00	19.04	150.0	V	165.0	8.2
12597.566667	50.70	---	74.00	23.30	150.0	V	130.0	14.9
12702.291667	---	40.96	54.00	13.04	150.0	V	321.0	15.1

Final Result

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

EUT Information

EUT Name:	Controller
Model:	RC520
Test Mode:	WIFI 2.4G_11g_Ch6
Order No/Sample No:	168484699/A003743309-003
Test Voltage:	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

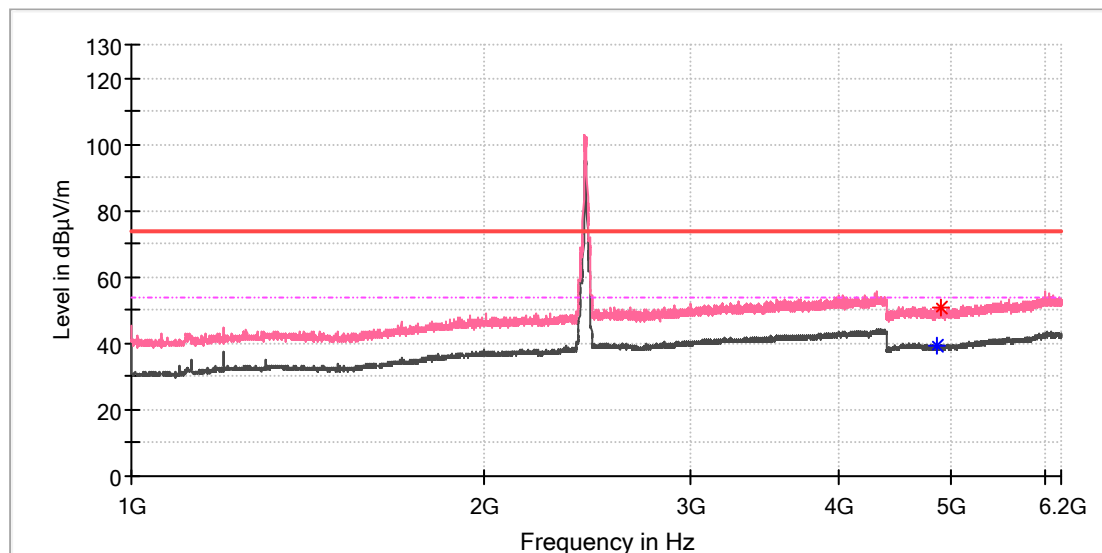
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4845.000000	49.88	---	74.00	24.12	150.0	H	169.0	11.8
4851.500000	---	39.32	54.00	14.68	150.0	H	193.0	11.8

Final Result

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

EUT Information

EUT Name:	Controller
Model:	RC520
Test Mode:	WIFI 2.4G_11g_Ch6
Order No/Sample No:	168484699/A003743309-003
Test Voltage:	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

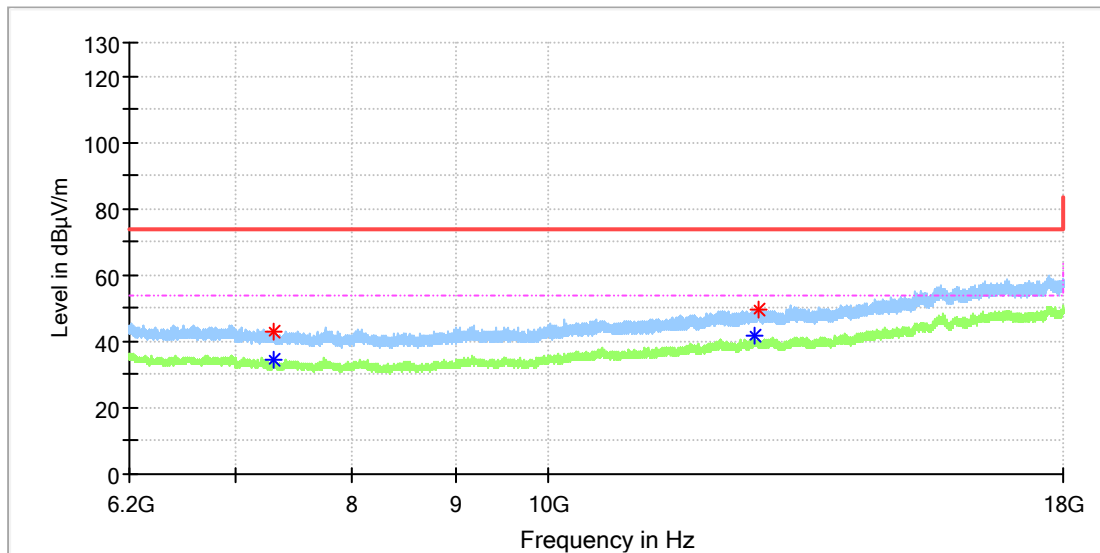
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4849.500000	---	39.30	54.00	14.70	150.0	V	308.0	11.8
4903.000000	51.08	---	74.00	22.92	150.0	V	295.0	11.8

Final Result

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

EUT Information

EUT Name:	Controller
Model:	RC520
Test Mode:	WIFI 2.4G_11g_Ch6
Order No/Sample No:	168484699/A003743309-003
Test Voltage:	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

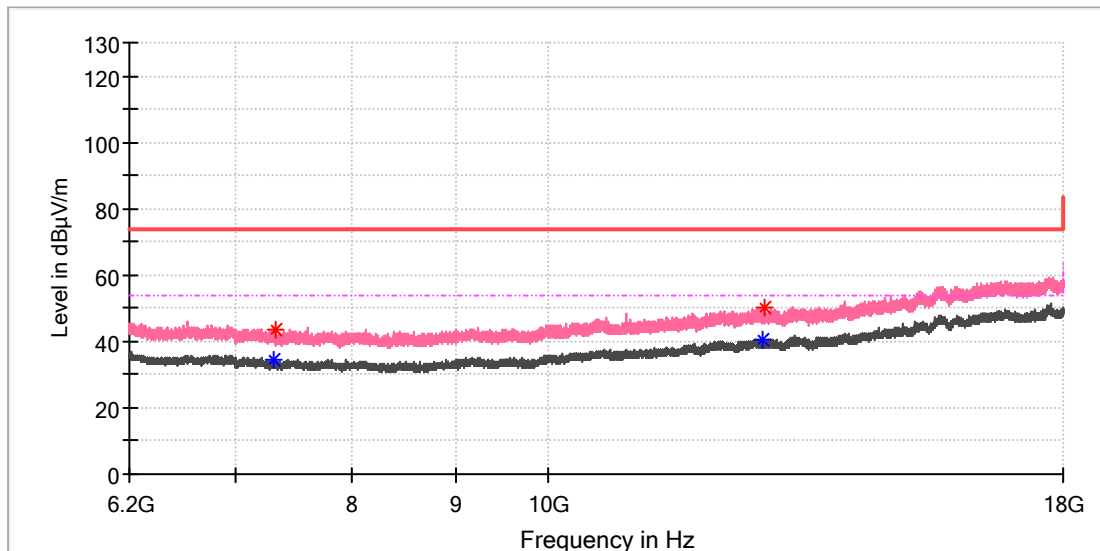
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7302.808333	42.96	---	74.00	31.04	150.0	H	86.0	8.3
7303.300000	---	34.19	54.00	19.81	150.0	H	194.0	8.3
12653.616667	---	41.49	54.00	12.51	150.0	H	291.0	15.0
12719.008333	49.85	---	74.00	24.15	150.0	H	159.0	15.1

Final Result

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

EUT Information

EUT Name:	Controller
Model:	RC520
Test Mode:	WIFI 2.4G_11g_Ch6
Order No/Sample No:	168484699/A003743309-003
Test Voltage:	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

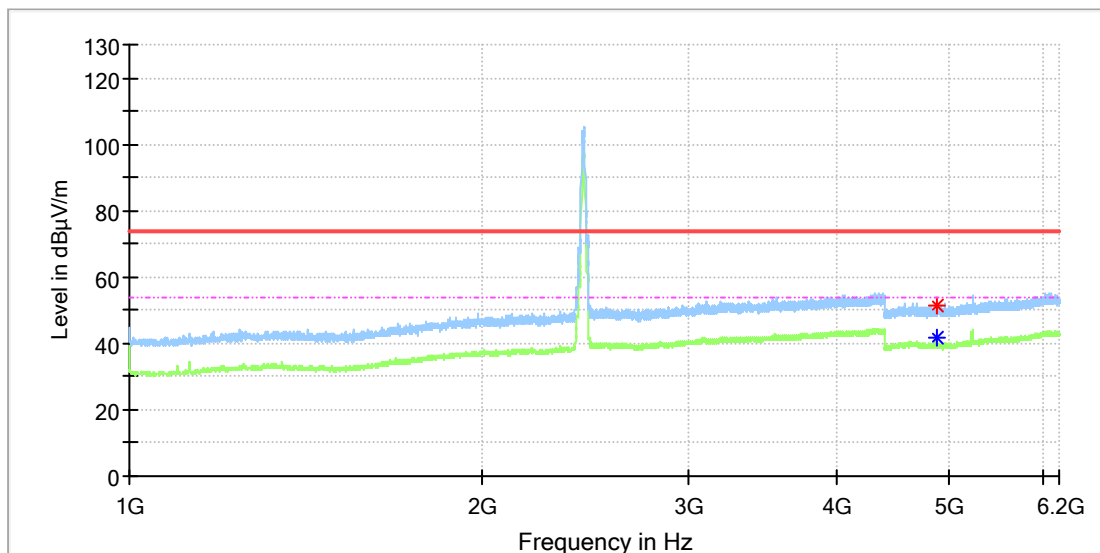
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7313.133333	---	34.43	54.00	19.57	150.0	V	228.0	8.2
7322.475000	43.59	---	74.00	30.41	150.0	V	252.0	8.2
12765.225000	---	40.52	54.00	13.48	150.0	V	47.0	15.2
12793.741667	50.02	---	74.00	23.98	150.0	V	70.0	15.3

Final Result

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

EUT Information

EUT Name:	Controller
Model:	RC520
Test Mode:	WIFI 2.4G_11AX20_Ch6
Order No/Sample No:	168484699/A003743309-004
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

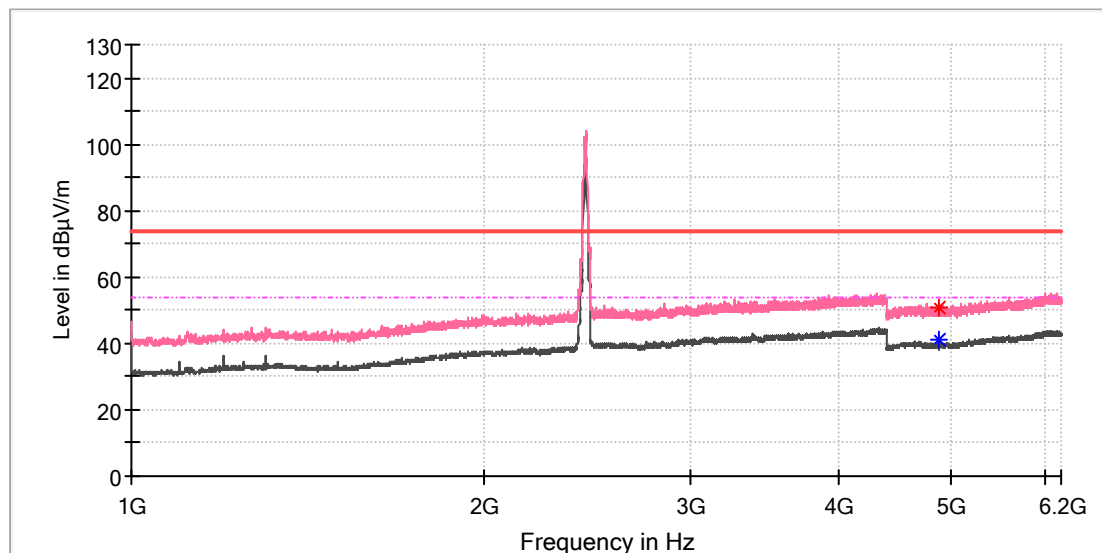
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4870.000000	51.59	---	74.00	22.41	150.0	H	113.0	11.8
4878.000000	---	41.43	54.00	12.57	150.0	H	124.0	11.8

Final Result

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

EUT Information

EUT Name:	Controller
Model:	RC520
Test Mode:	WIFI 2.4G_11AX20_Ch6
Order No/Sample No:	168484699/A003743309-004
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

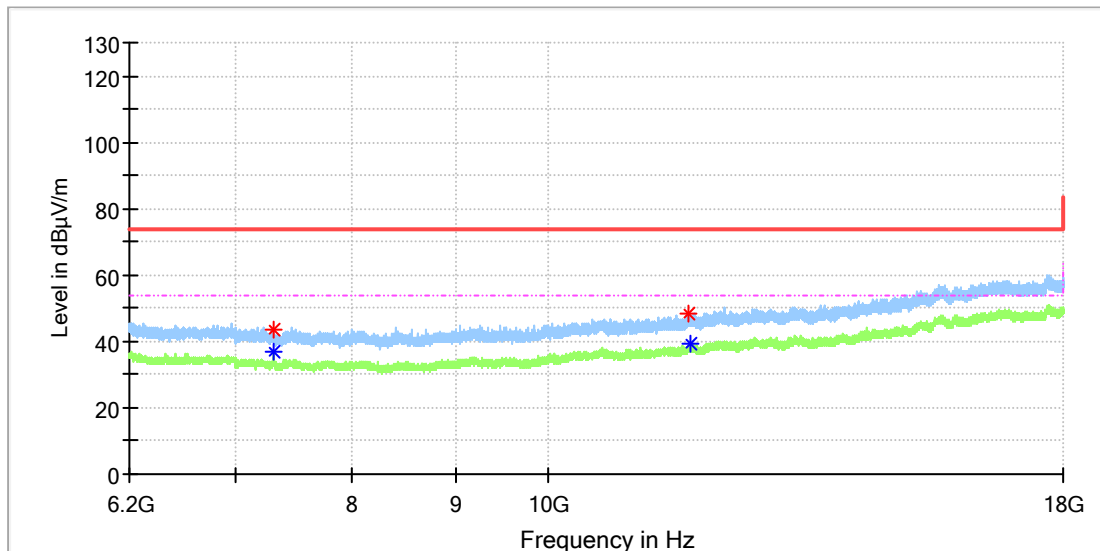
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4869.500000	---	40.93	54.00	13.07	150.0	V	316.0	11.8
4873.500000	50.74	---	74.00	23.26	150.0	V	334.0	11.8

Final Result

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

EUT Information

EUT Name:	Controller
Model:	RC520
Test Mode:	WIFI 2.4G_11AX20_Ch6
Order No/Sample No:	168484699/A003743309-004
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

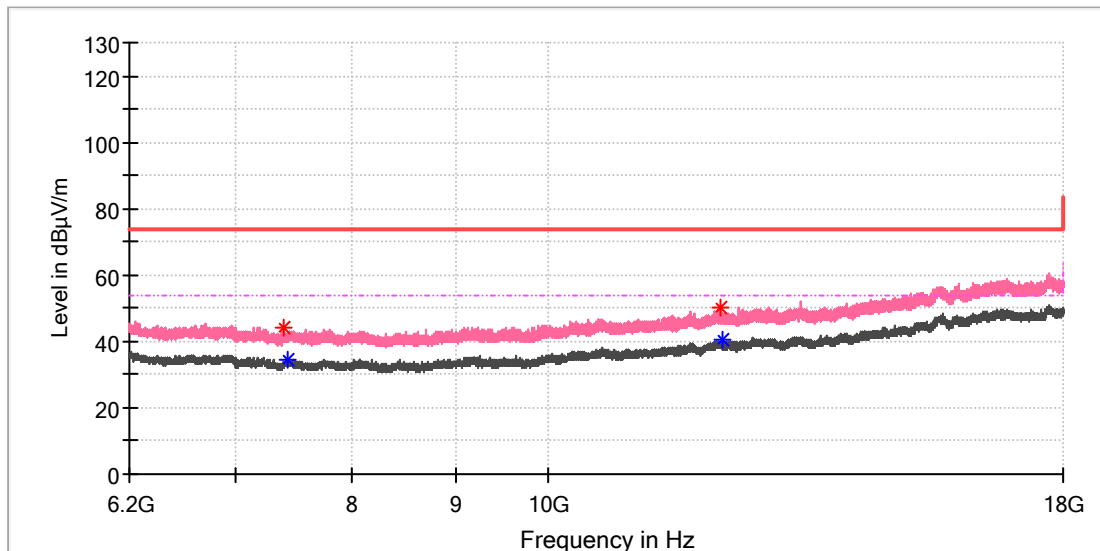
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7306.250000	---	36.71	54.00	17.29	150.0	H	305.0	8.3
7313.625000	43.35	---	74.00	30.65	150.0	H	326.0	8.2
11725.841667	48.41	---	74.00	25.59	150.0	H	4.0	13.3
11761.733333	---	39.58	54.00	14.43	150.0	H	146.0	13.4

Final Result

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

EUT Information

EUT Name:	Controller
Model:	RC520
Test Mode:	WIFI 2.4G_11AX20_Ch6
Order No/Sample No:	168484699/A003743309-004
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

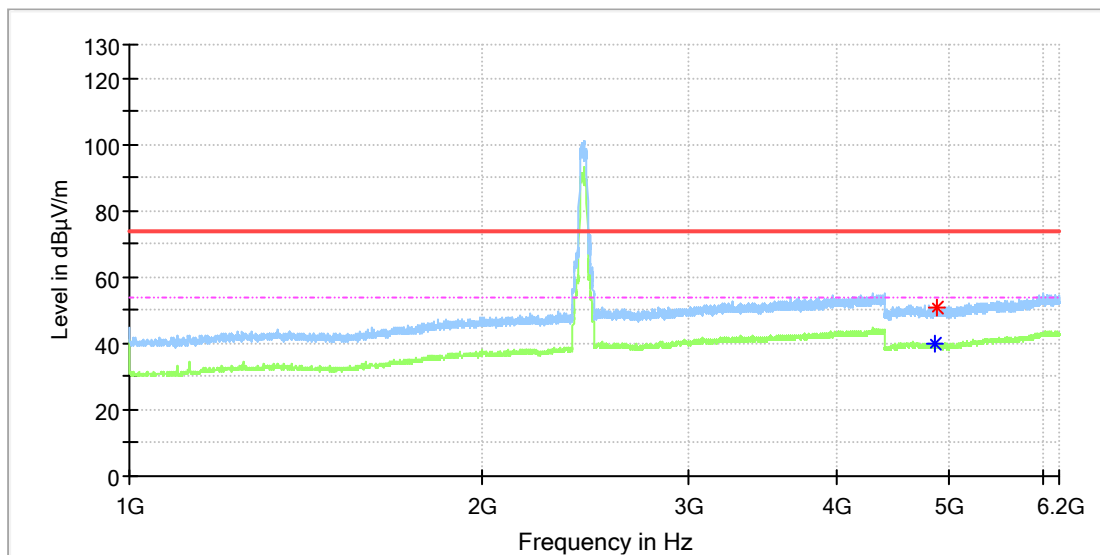
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7401.633333	43.93	---	74.00	30.07	150.0	V	68.0	8.3
7431.625000	---	34.26	54.00	19.74	150.0	V	79.0	8.4
12164.408333	49.94	---	74.00	24.06	150.0	V	343.0	14.5
12191.450000	---	40.31	54.00	13.69	150.0	V	146.0	14.6

Final Result

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

EUT Information

EUT Name:	Controller
Model:	RC520
Test Mode:	WIFI 2.4G_11AX40_Ch6
Order No/Sample No:	168484699/A003743309-004
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

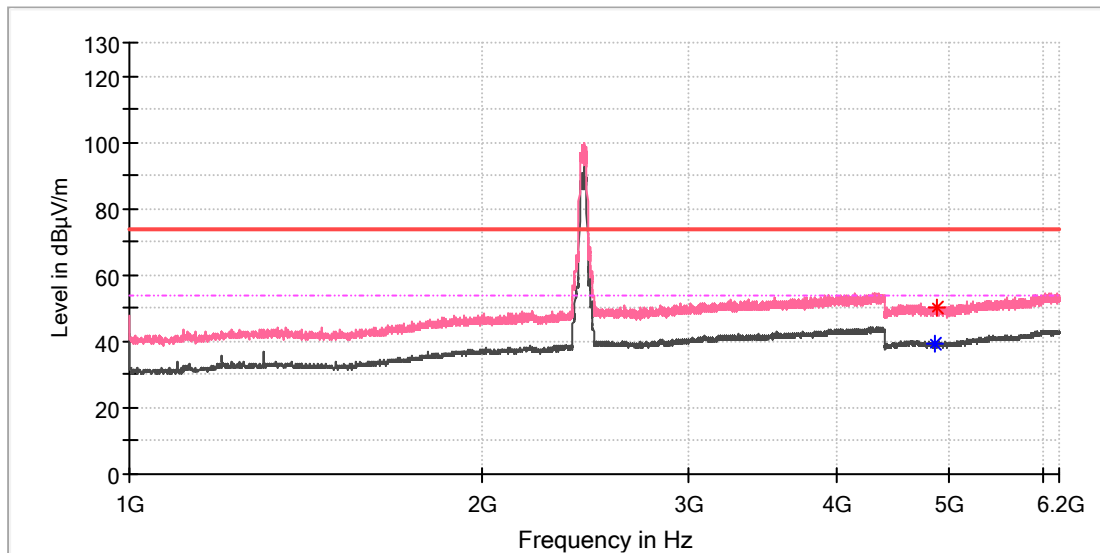
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4867.500000	---	39.89	54.00	14.11	150.0	H	95.0	11.8
4869.000000	50.56	---	74.00	23.44	150.0	H	123.0	11.8

Final Result

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

EUT Information

EUT Name:	Controller
Model:	RC520
Test Mode:	WIFI 2.4G_11AX40_Ch6
Order No/Sample No:	168484699/A003743309-004
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

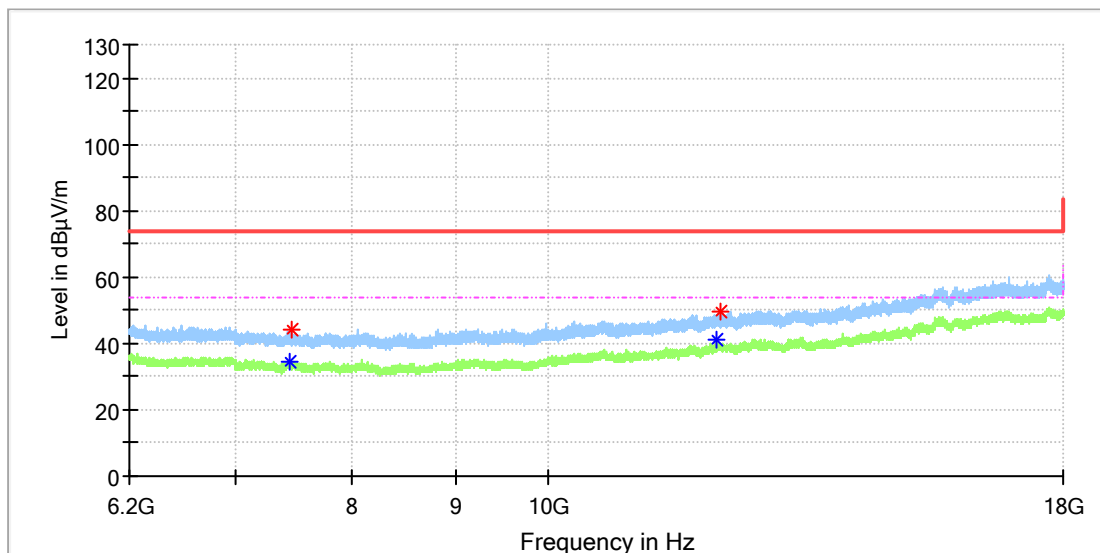
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4860.000000	---	39.52	54.00	14.48	150.0	V	318.0	11.8
4875.500000	50.47	---	74.00	23.53	150.0	V	318.0	11.8

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:	Controller
Model:	RC520
Test Mode:	WIFI 2.4G_11AX40_Ch6
Order No/Sample No:	168484699/A003743309-004
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

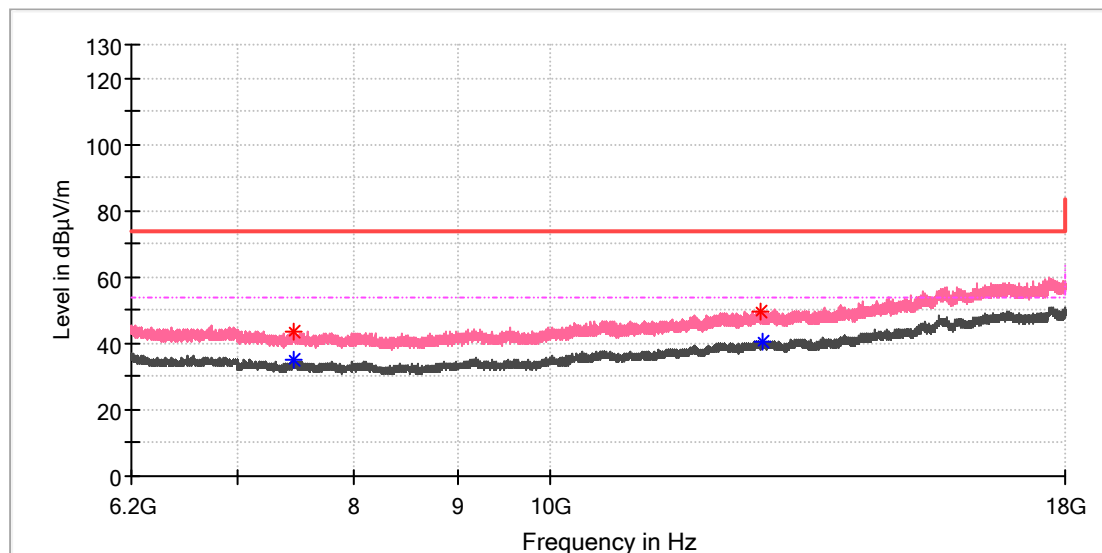
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7450.308333	---	34.25	54.00	19.75	150.0	H	154.0	8.5
7464.566667	44.26	---	74.00	29.74	150.0	H	260.0	8.6
12127.041667	---	40.89	54.00	13.11	150.0	H	108.0	14.3
12187.025000	49.31	---	74.00	24.69	150.0	H	131.0	14.6

Final Result

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

EUT Information

EUT Name:	Controller
Model:	RC520
Test Mode:	WIFI 2.4G_11AX40_Ch6
Order No/Sample No:	168484699/A003743309-004
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
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)
7457.683333	43.29	---	74.00	30.71	150.0	V	122.0	8.5
7462.108333	---	35.14	54.00	18.87	150.0	V	322.0	8.6
12708.683333	49.88	---	74.00	24.12	150.0	V	343.0	15.1
12736.216667	---	40.62	54.00	13.38	150.0	V	122.0	15.2

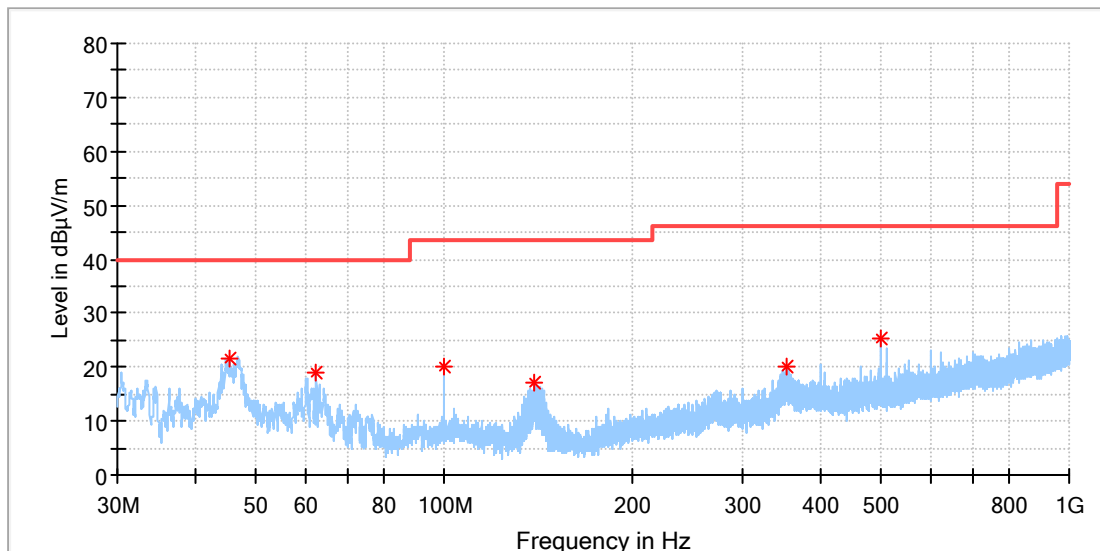
Final Result

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

30MHz - 1GHz for co-location

EUT Information

EUT Name:	Controller
Model:	RC520
Test Mode:	WIFI 2.4G_11b_Ch6+SDR 5.1G_10M_5200MHz
Order No/Sample No:	168484699/A003743309-004
Test Voltage:	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

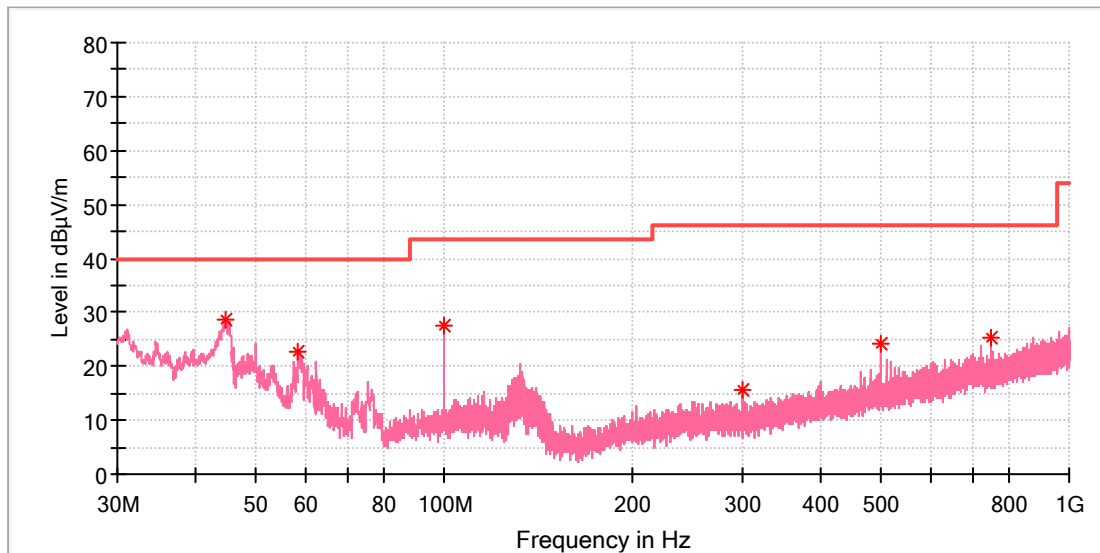
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
45.482692	21.47	40.00	18.53	100.0	H	271.0	-19.1
62.495000	18.92	40.00	21.08	100.0	H	0.0	-19.9
99.989231	20.17	43.50	23.33	100.0	H	35.0	-19.3
139.796539	16.94	43.50	26.56	100.0	H	339.0	-22.6
352.002692	19.91	46.00	26.09	100.0	H	316.0	-15.1
500.002308	25.34	46.00	20.66	100.0	H	286.0	-12.2

Final Result

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

EUT Information

EUT Name:	Controller
Model:	RC520
Test Mode:	WIFI 2.4G_11b_Ch6+SDR 5.1G_10M_5200MHz
Order No/Sample No:	168484699/A003743309-004
Test Voltage:	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
44.550000	28.51	40.00	11.49	100.0	V	284.0	-19.2
58.503077	22.80	40.00	17.20	100.0	V	284.0	-19.1
99.989231	27.69	43.50	15.81	100.0	V	73.0	-19.3
299.995769	15.63	46.00	30.37	100.0	V	88.0	-16.6
500.002308	24.20	46.00	21.80	100.0	V	277.0	-12.2
750.038462	25.43	46.00	20.57	100.0	V	66.0	-7.6

Final Result

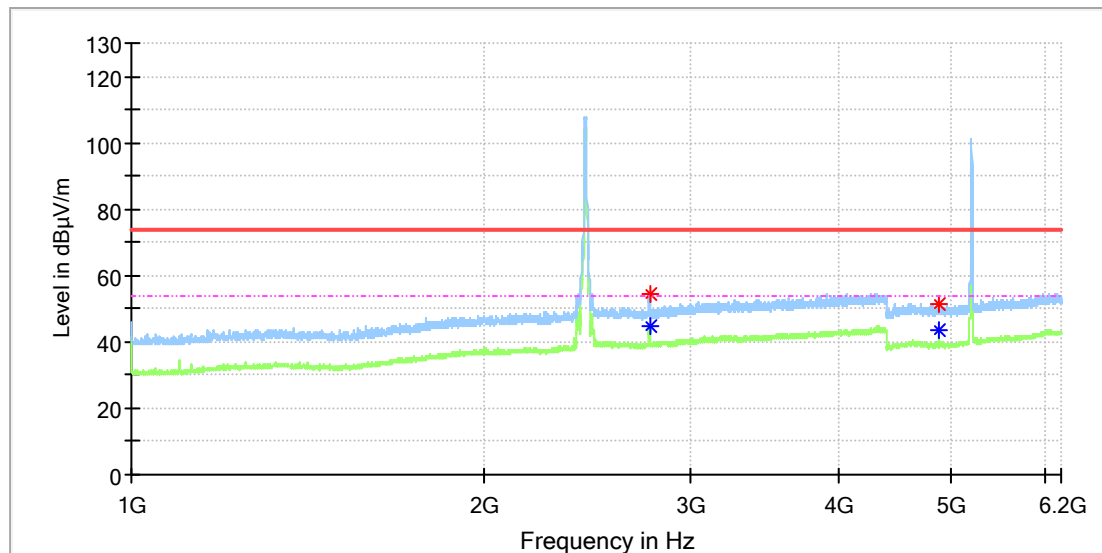
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

1GHz - 18GHz for co-location

Note: The highest waveform in the figure is Wi-Fi and/or SDR Fundamental.

EUT Information

EUT Name:	Controller
Model:	RC520
Test Mode:	WIFI 2.4G_11b_Ch6+SDR 5.1G_10M_5200MHz
Order No/Sample No:	168484699/A003743309-004
Test Voltage:	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

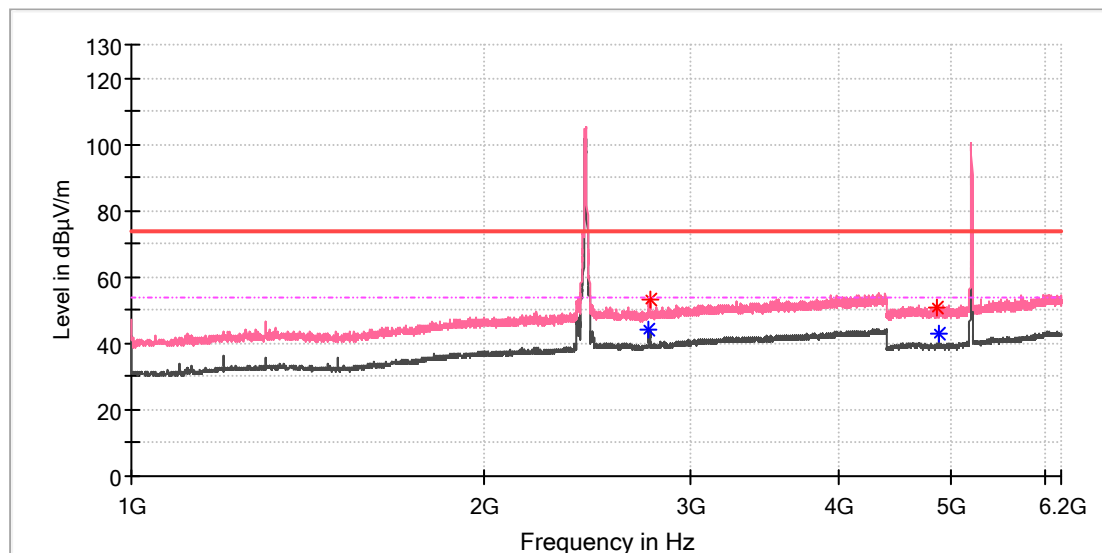
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2764.500000	54.38	---	74.00	19.62	150.0	H	0.0	7.9
2765.500000	---	44.79	54.00	9.21	150.0	H	314.0	7.9
4873.500000	51.12	---	74.00	22.88	150.0	H	117.0	11.8
4874.000000	---	43.55	54.00	10.45	150.0	H	117.0	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:	Controller
Model:	RC520
Test Mode:	WIFI 2.4G_11b_Ch6+SDR 5.1G_10M_5200MHz
Order No/Sample No:	168484699/A003743309-004
Test Voltage:	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

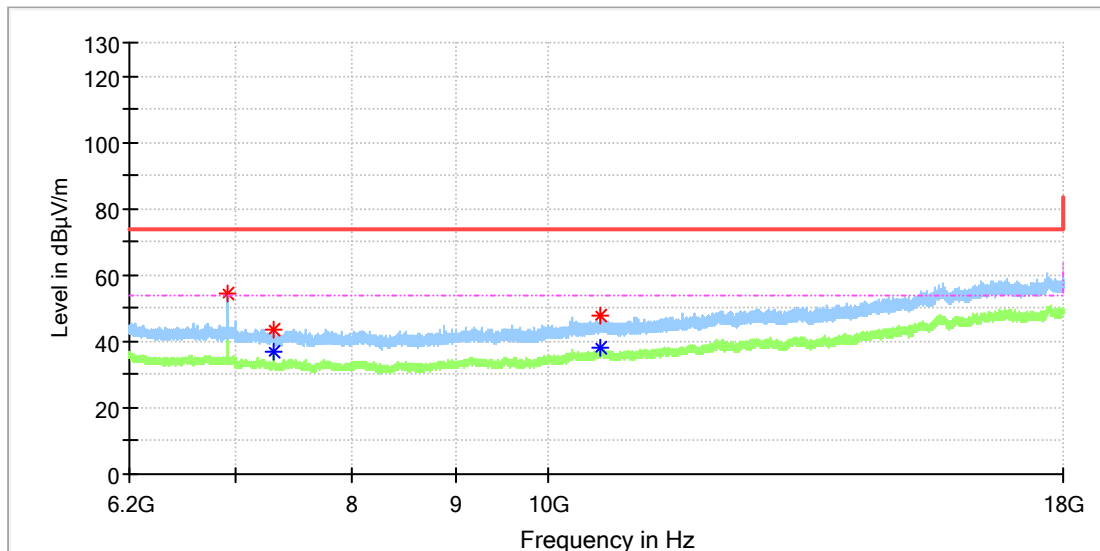
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2759.500000	---	44.31	54.00	9.69	150.0	V	105.0	7.9
2763.500000	53.48	---	74.00	20.52	150.0	V	99.0	7.9
4854.500000	51.07	---	74.00	22.93	150.0	V	245.0	11.8
4874.000000	---	42.73	54.00	11.27	150.0	V	355.0	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:	Controller
Model:	RC520
Test Mode:	WIFI 2.4G_11b_Ch6+SDR 5.1G_10M_5200MHz
Order No/Sample No:	168484699/A003743309-004
Test Voltage:	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

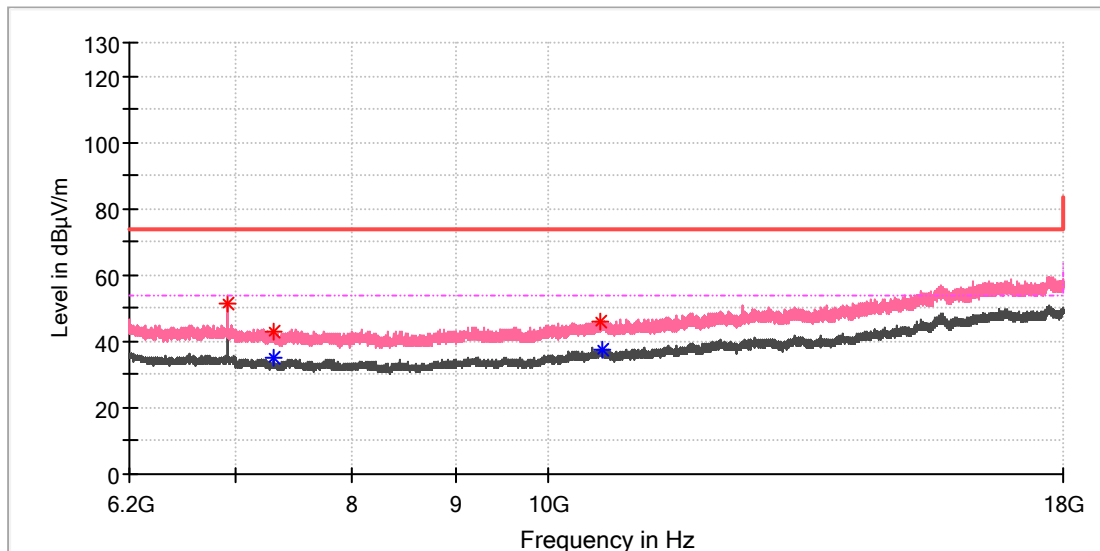
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
6933.075000	54.71	---	68.20	13.49	150.0	H	58.0	8.6
7310.183333	---	36.98	54.00	17.02	150.0	H	204.0	8.2
7312.150000	43.69	---	74.00	30.31	150.0	H	191.0	8.2
10611.233333	47.63	---	74.00	26.37	150.0	H	155.0	12.0
10622.050000	---	38.18	54.00	15.82	150.0	H	179.0	12.0

Final Result

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

EUT Information

EUT Name:	Controller
Model:	RC520
Test Mode:	WIFI 2.4G_11b_Ch6+SDR 5.1G_10M_5200MHz
Order No/Sample No:	168484699/A003743309-004
Test Voltage:	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
6933.075000	51.16	---	68.20	17.04	150.0	V	95.0	8.6
7311.658333	---	35.06	54.00	18.94	150.0	V	24.0	8.2
7314.608333	42.96	---	74.00	31.04	150.0	V	107.0	8.2
10624.508333	46.14	---	74.00	27.86	150.0	V	95.0	12.0
10629.425000	---	37.67	54.00	16.33	150.0	V	342.0	12.0

Final Result

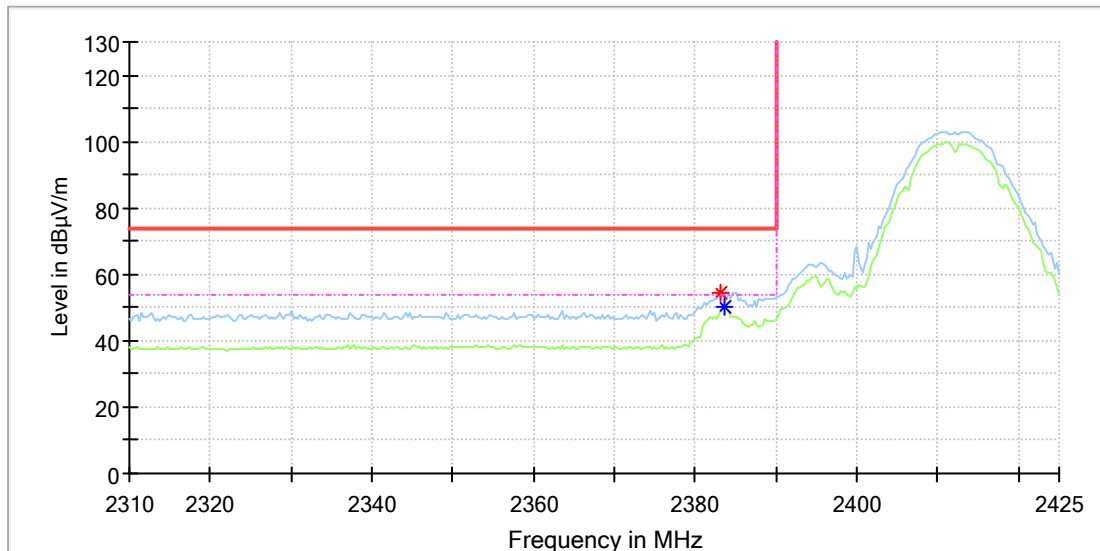
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

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

Wi-Fi 802.11 b mode

EUT Information

EUT Name:	Controller
Model:	RC520
Test Mode:	WIFI 2.4G_11b_Ch1
Order No/Sample No:	168484699/A003743309-003
Test Voltage:	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

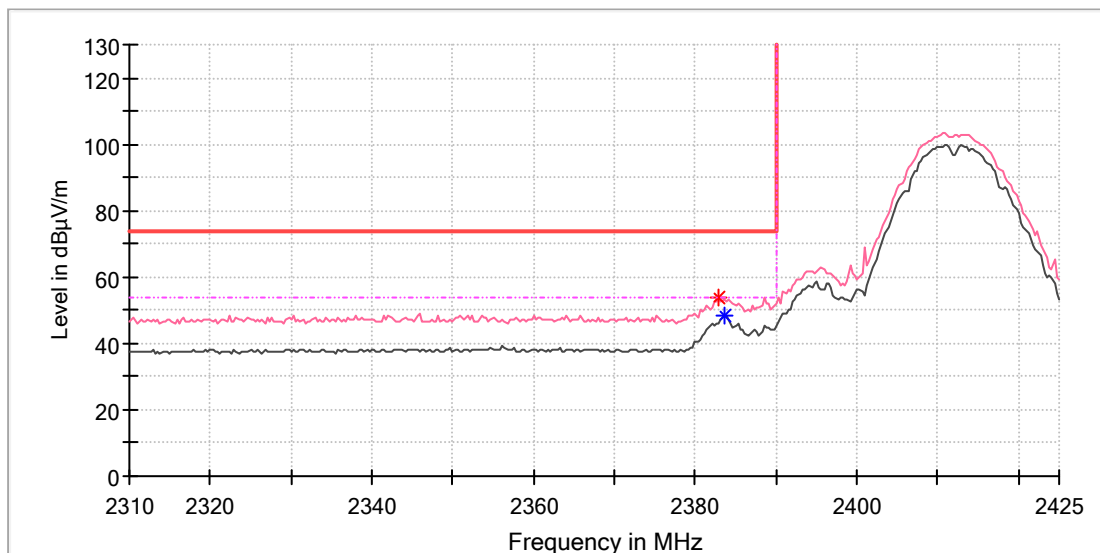
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2383.235294	54.72	---	74.00	19.28	150.0	H	293.0	7.0
2383.529412	---	50.27	54.00	3.73	150.0	H	293.0	7.0

Final_Result

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

EUT Information

EUT Name:	Controller
Model:	RC520
Test Mode:	WIFI 2.4G_11b_Ch1
Order No/Sample No:	168484699/A003743309-003
Test Voltage:	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

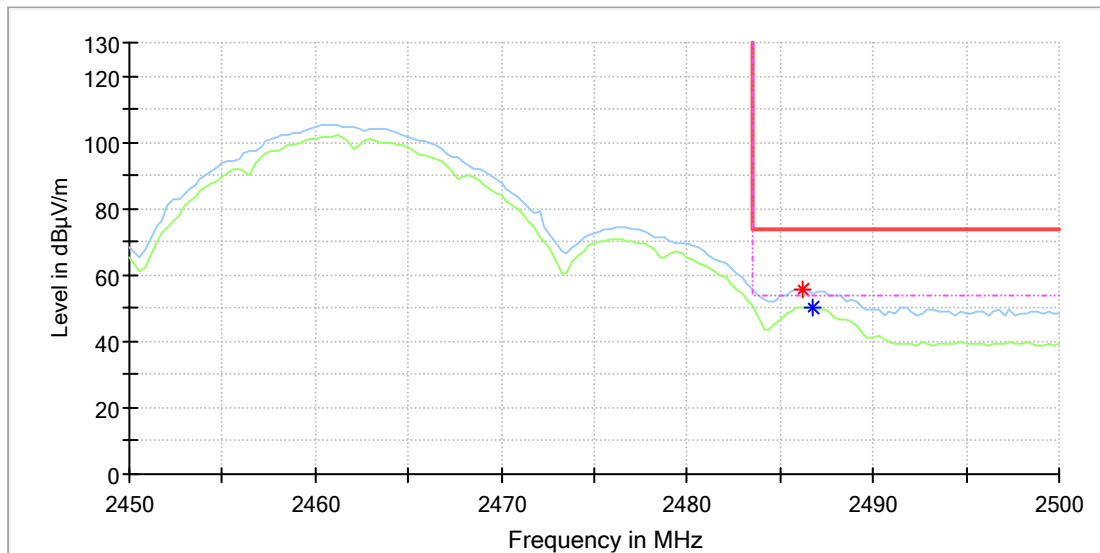
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2382.941177	53.60	---	74.00	20.40	150.0	V	143.0	7.0
2383.529412	---	48.62	54.00	5.38	150.0	V	247.0	7.0

Final Result

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

EUT Information

EUT Name:	Controller
Model:	RC520
Test Mode:	WIFI 2.4G_11b_Ch11
Order No/Sample No:	168484699/A003743309-003
Test Voltage:	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

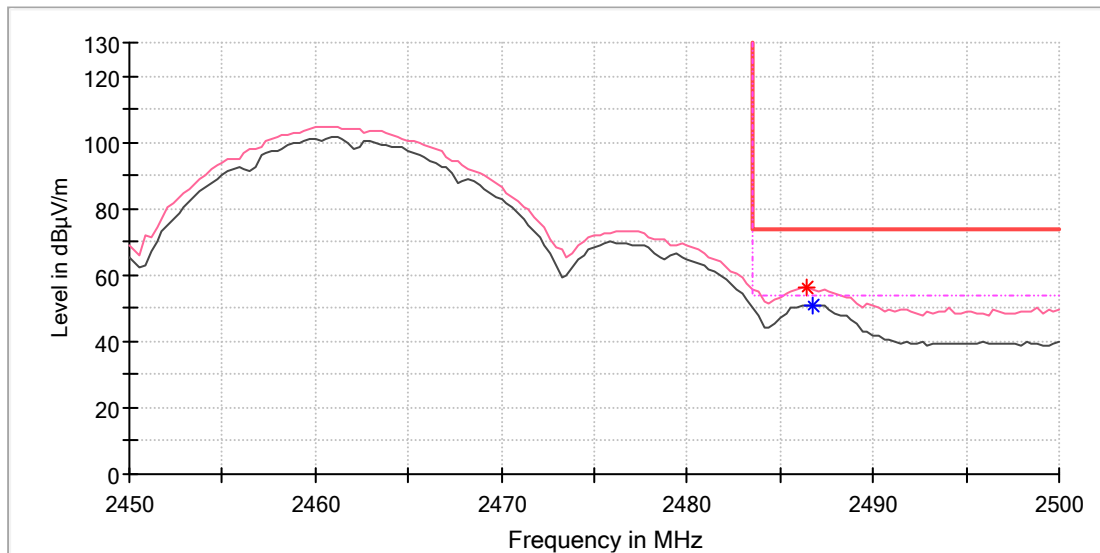
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2486.176471	55.71	---	74.00	18.29	150.0	H	136.0	7.4
2486.764706	---	50.32	54.00	3.68	150.0	H	136.0	7.4

Final Result

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

EUT Information

EUT Name:	Controller
Model:	RC520
Test Mode:	WIFI 2.4G_11b_Ch11
Order No/Sample No:	168484699/A003743309-003
Test Voltage:	Battery
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)
2486.470588	56.13	---	74.00	17.87	150.0	V	251.0	7.4
2486.764706	---	50.89	54.00	3.11	150.0	V	245.0	7.4

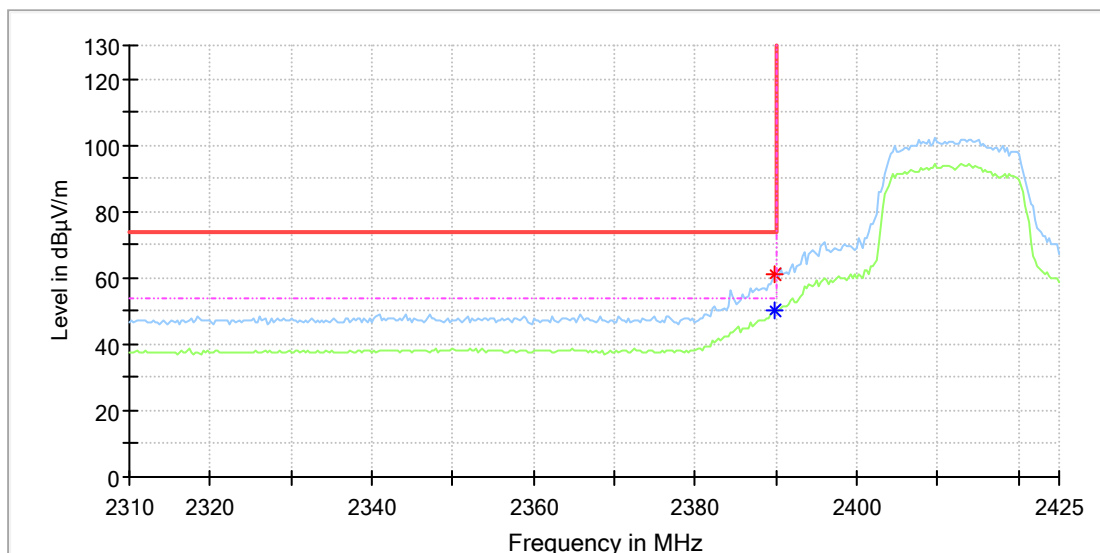
Final Result

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

Wi-Fi 802.11 g mode

EUT Information

EUT Name:	Controller
Model:	RC520
Test Mode:	WIFI 2.4G_11g_Ch1
Order No/Sample No:	168484699/A003743309-003
Test Voltage:	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

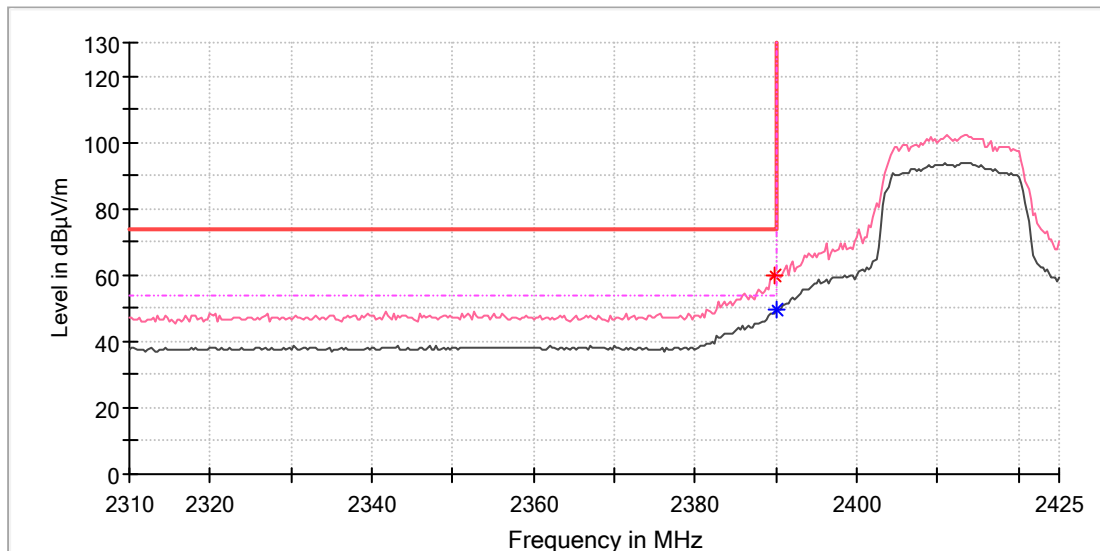
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2389.705882	61.25	---	74.00	12.75	150.0	H	290.0	7.0
2389.705882	---	50.02	54.00	3.98	150.0	H	290.0	7.0

Final Result

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

EUT Information

EUT Name:	Controller
Model:	RC520
Test Mode:	WIFI 2.4G_11g_Ch1
Order No/Sample No:	168484699/A003743309-003
Test Voltage:	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

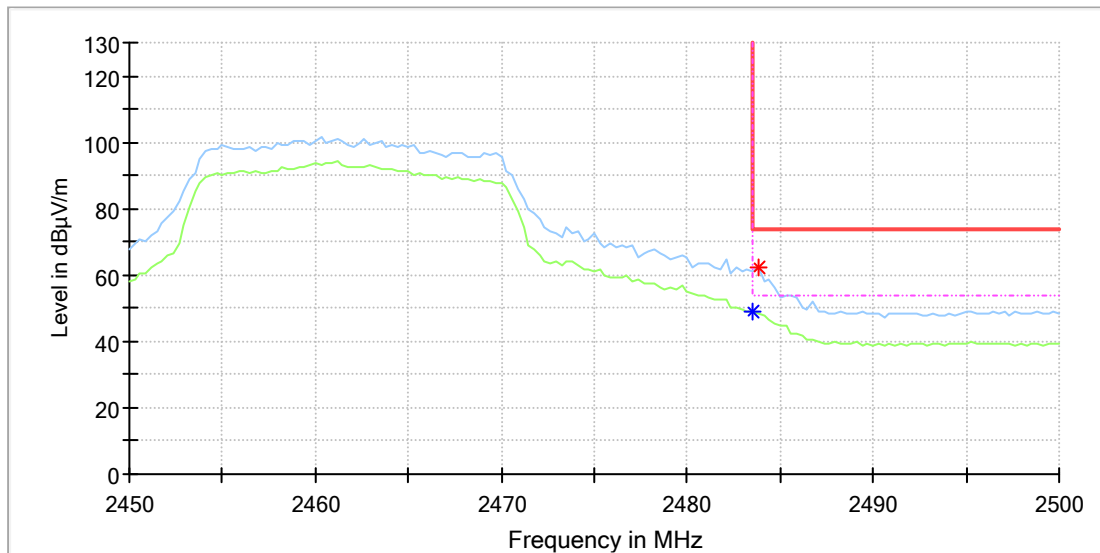
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2389.705882	60.09	---	74.00	13.91	150.0	V	239.0	7.0
2390.000000	---	49.86	54.00	4.14	150.0	V	253.0	7.0

Final Result

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

EUT Information

EUT Name:	Controller
Model:	RC520
Test Mode:	WIFI 2.4G_11g_Ch11
Order No/Sample No:	168484699/A003743309-003
Test Voltage:	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

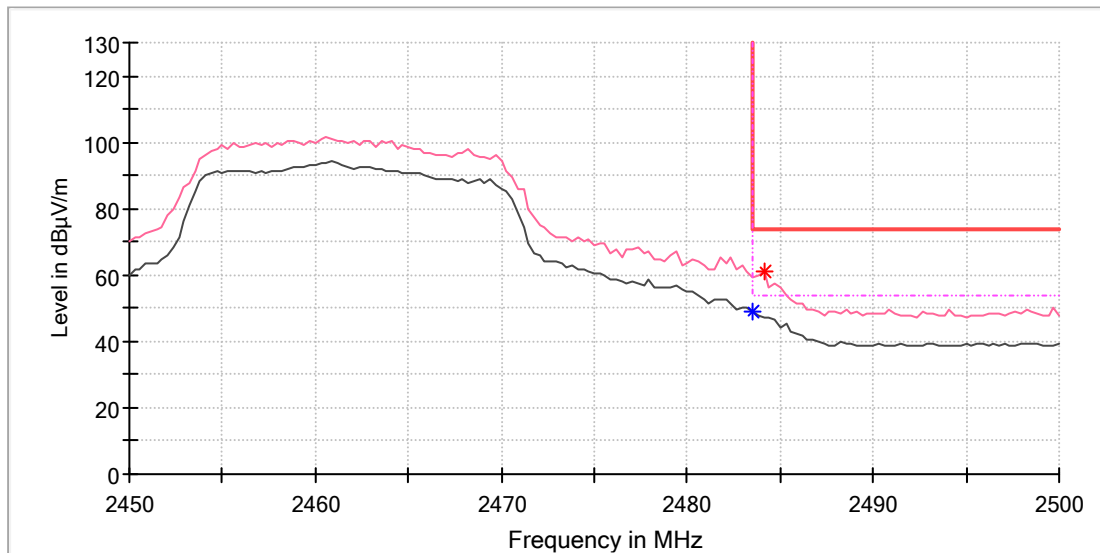
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.529412	---	48.71	54.00	5.29	150.0	H	132.0	7.4
2483.823529	62.43	---	74.00	11.57	150.0	H	288.0	7.4

Final Result

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

EUT Information

EUT Name:	Controller
Model:	RC520
Test Mode:	WIFI 2.4G_11g_Ch11
Order No/Sample No:	168484699/A003743309-003
Test Voltage:	Battery
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)
2483.529412	---	48.91	54.00	5.09	150.0	V	242.0	7.4
2484.117647	60.95	---	74.00	13.05	150.0	V	242.0	7.4

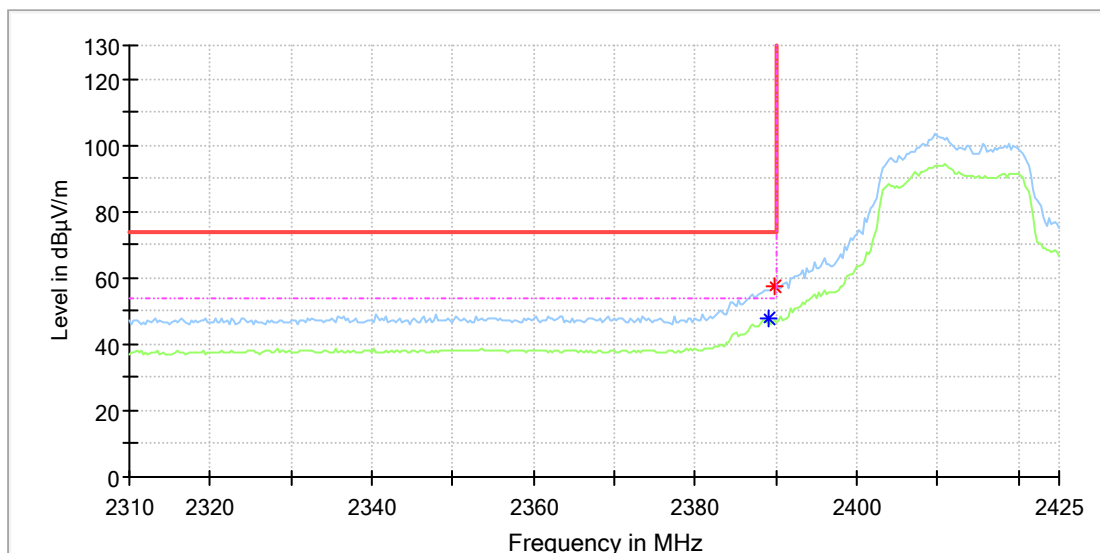
Final Result

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

Wi-Fi 802.11 ax(HE20) mode

EUT Information

EUT Name:	Controller
Model:	RC520
Test Mode:	WIFI 2.4G_11AX20_Ch1
Order No/Sample No:	168484699/A003743309-003
Test Voltage:	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

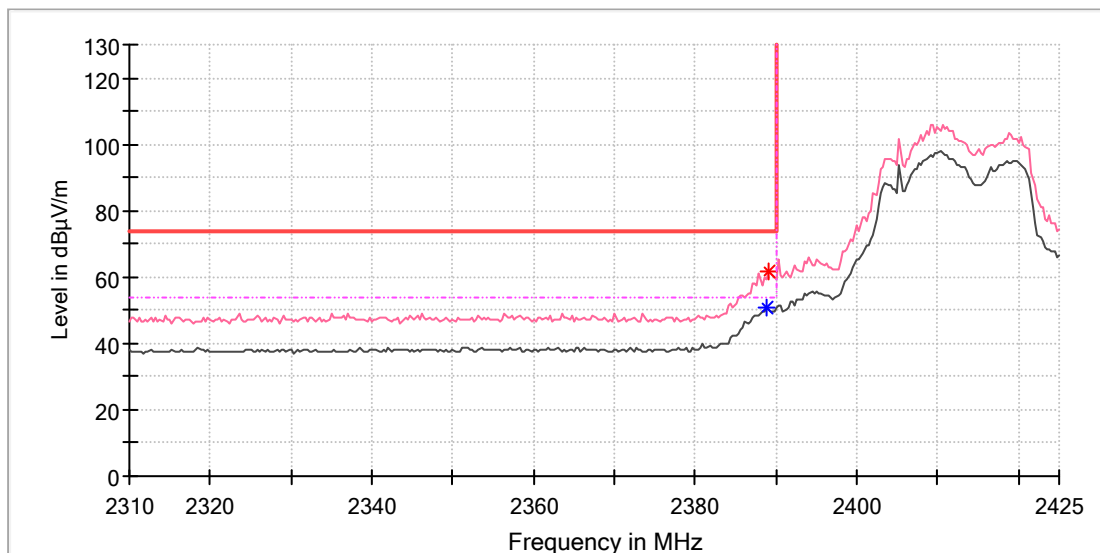
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2389.117647	---	47.65	54.00	6.35	150.0	H	293.0	7.0
2389.705882	57.66	---	74.00	16.34	150.0	H	286.0	7.0

Final Result

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

EUT Information

EUT Name:	Controller
Model:	RC520
Test Mode:	WIFI 2.4G_11AX20_Ch1
Order No/Sample No:	168484699/A003743309-003
Test Voltage:	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

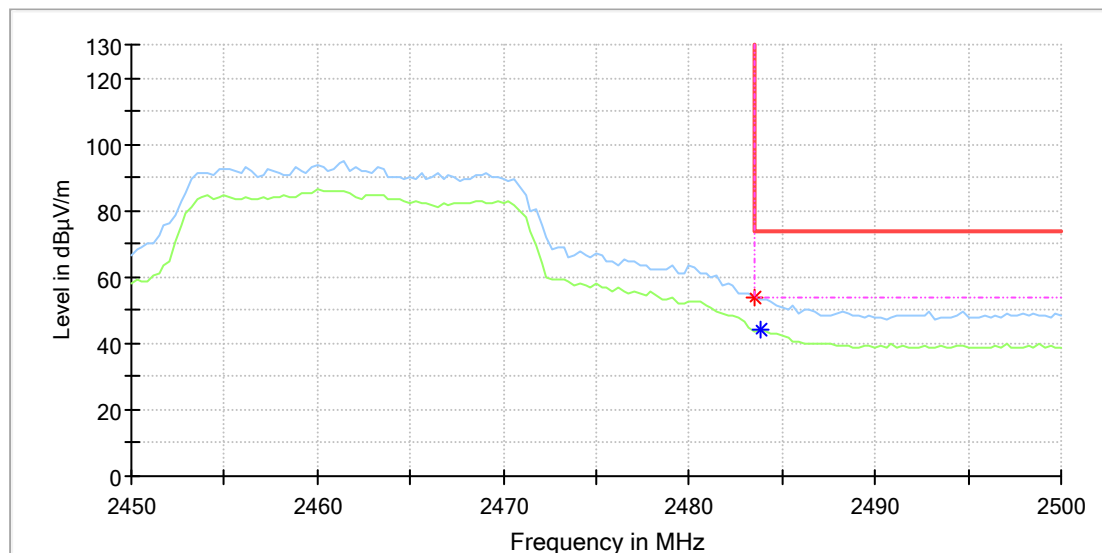
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2388.823529	---	50.58	54.00	3.42	150.0	V	253.0	7.0
2389.117647	61.65	---	74.00	12.35	150.0	V	239.0	7.0

Final Result

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

EUT Information

EUT Name:	Controller
Model:	RC520
Test Mode:	WIFI 2.4G_11AX20_Ch11
Order No/Sample No:	168484699/A003743309-003
Test Voltage:	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

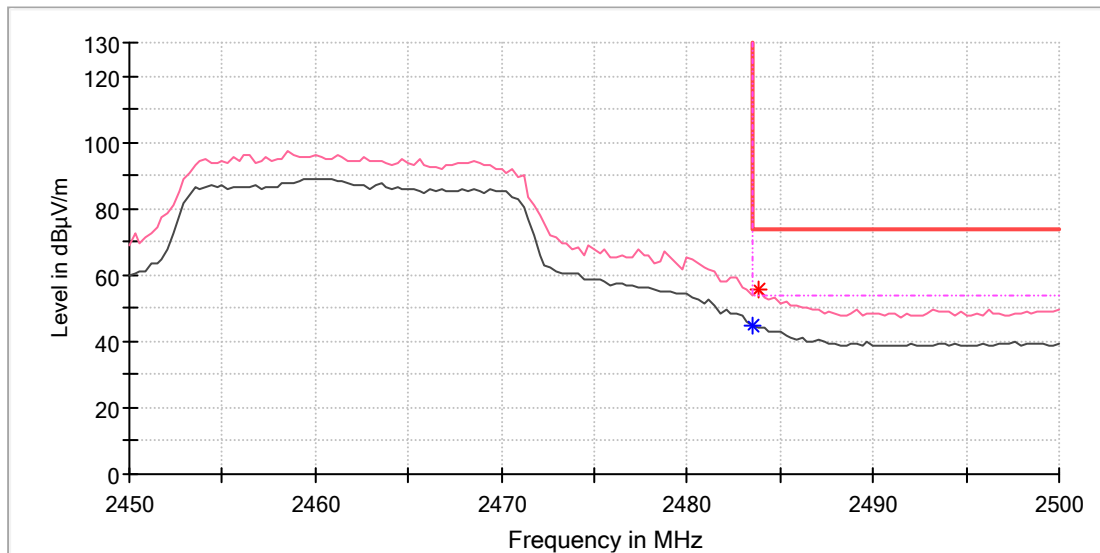
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.529412	53.91	---	74.00	20.09	150.0	H	275.0	7.4
2483.823529	---	44.01	54.00	9.99	150.0	H	255.0	7.4

Final Result

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

EUT Information

EUT Name:	Controller
Model:	RC520
Test Mode:	WIFI 2.4G_11AX20_Ch11
Order No/Sample No:	168484699/A003743309-003
Test Voltage:	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

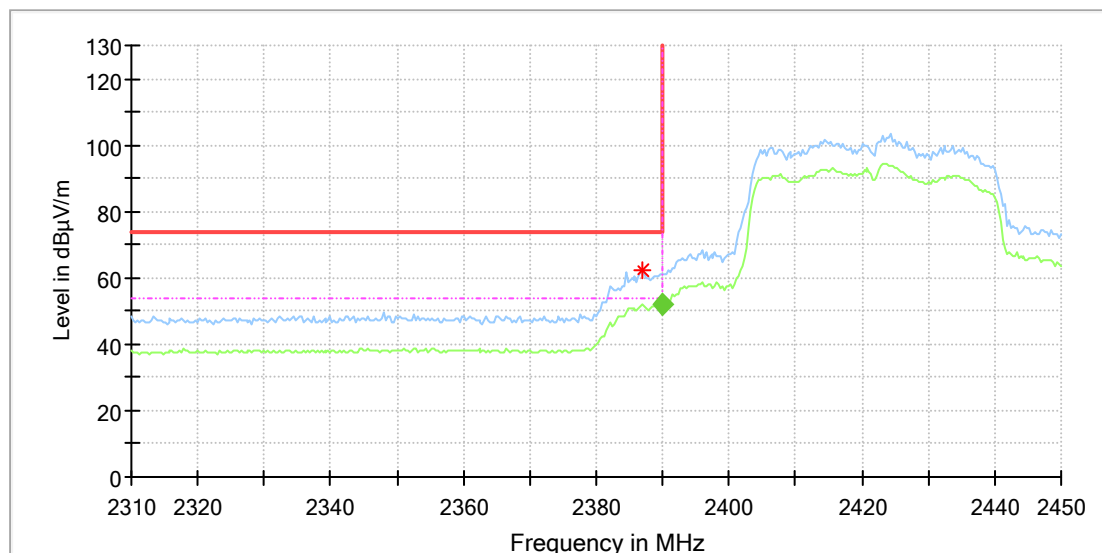
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.529412	---	44.49	54.00	9.51	150.0	V	254.0	7.4
2483.823529	55.33	---	74.00	18.67	150.0	V	212.0	7.4

Final Result

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

Wi-Fi 802.11 ax(HE40) mode**EUT Information**

EUT Name:	Controller
Model:	RC520
Test Mode:	WIFI 2.4G_11AX40_Ch3
Order No/Sample No:	168484699/A003743309-004
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

**Critical Freqs**

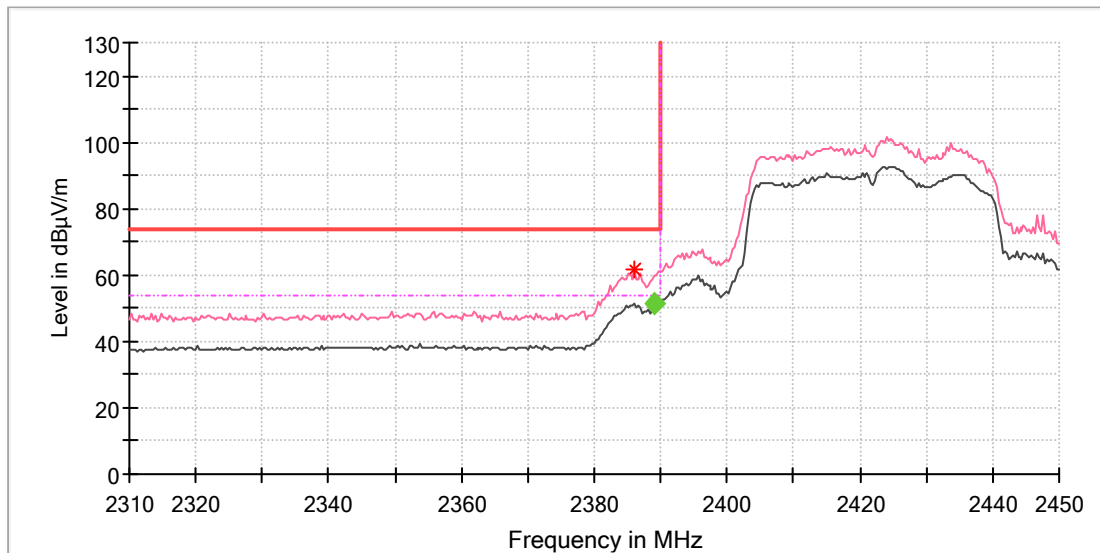
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2387.058824	62.41	---	74.00	11.59	150.0	H	43.0	7.0

Final Result

Frequency (MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2390.000000	51.84	54.00	2.16	145.0	H	2.0	7.0

EUT Information

EUT Name:	Controller
Model:	RC520
Test Mode:	WIFI 2.4G_11AX40_Ch3
Order No/Sample No:	168484699/A003743309-004
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

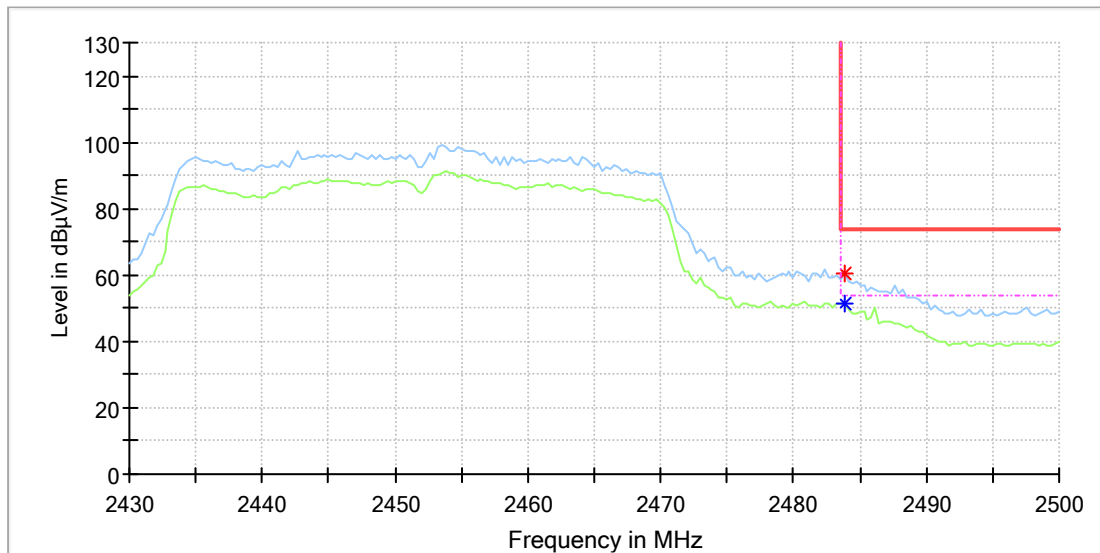
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2389.176471	61.90	---	74.00	12.10	150.0	V	356.0	7.0

Final Result

Frequency (MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2389.117647	51.47	54.00	2.53	145.0	V	-2.0	7.0

EUT Information

EUT Name:	Controller
Model:	RC520
Test Mode:	WIFI 2.4G_11AX40_Ch9
Order No/Sample No:	168484699/A003743309-004
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

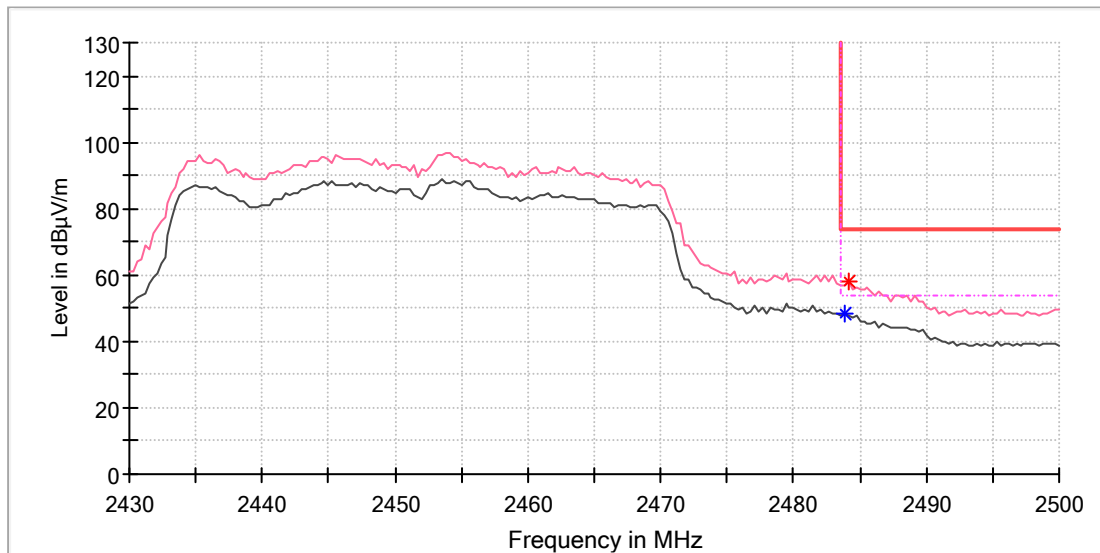
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.823529	60.45	---	74.00	13.55	150.0	H	293.0	7.4
2483.823529	---	51.62	54.00	2.38	150.0	H	293.0	7.4

Final Result

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

EUT Information

EUT Name:	Controller
Model:	RC520
Test Mode:	WIFI 2.4G_11AX40_Ch9
Order No/Sample No:	168484699/A003743309-004
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.823529	---	48.57	54.00	5.43	150.0	V	358.0	7.4
2484.117647	58.29	---	74.00	15.71	150.0	V	69.0	7.4

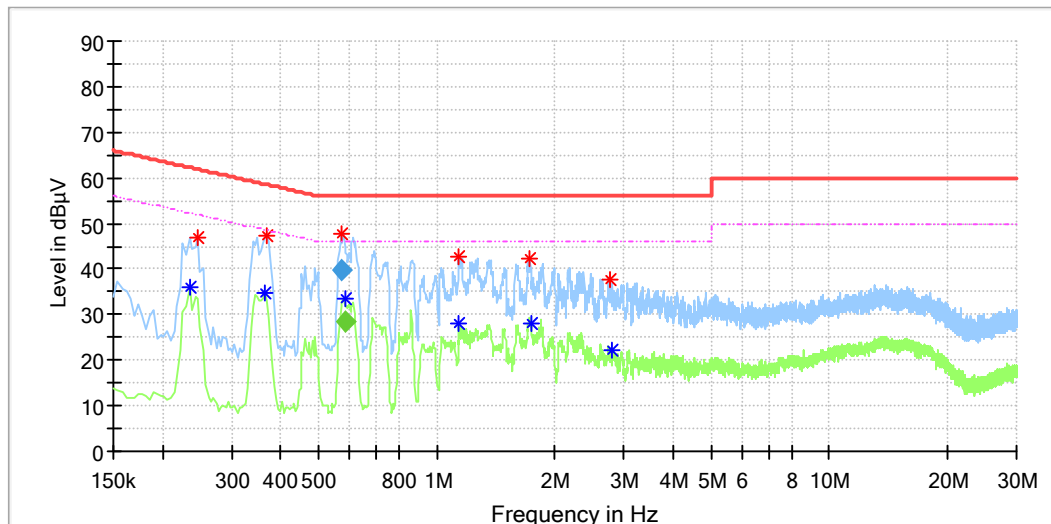
Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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Appendix B.7: Test Results of Conducted Emission on AC Mains

EUT Information

EUT Name:	Controller
Order Number:	168484699
Model:	RC520
Test Mode:	BT connecting
Test Voltage:	AC 120V/60Hz
Test Standard:	FCC Part 15
Test By:/Review By:	Steve Lan/ Shower Dai
Tem./Hum./Pressure:	23.4°C/51.2%/101kPa
Remark:	SR2



Critical Freqs

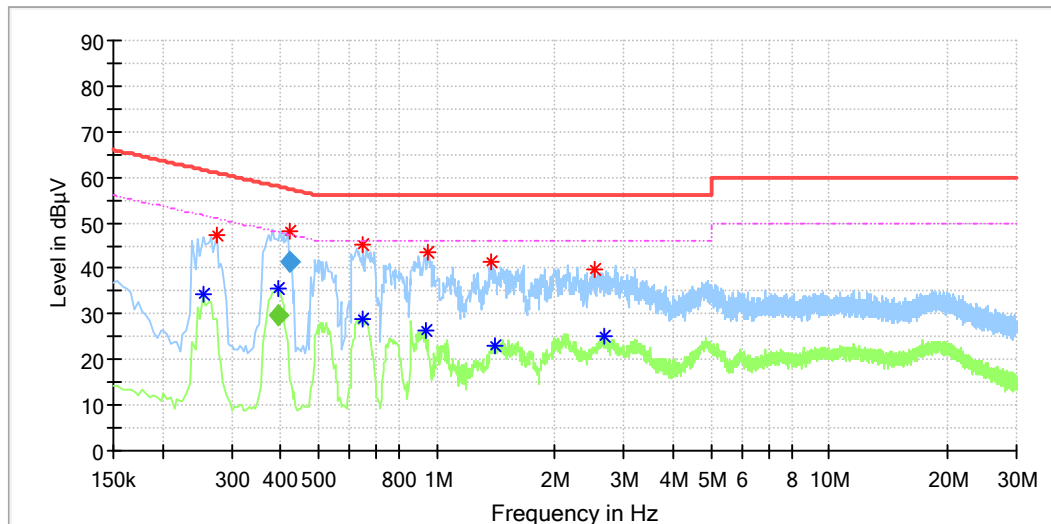
Frequency (MHz)	MaxPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)
0.234000	---	36.19	52.31	16.11	L1	9.9
0.246000	46.90	---	61.89	14.99	L1	9.9
0.366000	---	34.87	48.59	13.72	L1	9.9
0.370000	47.44	---	58.50	11.06	L1	9.9
0.573500	47.72	---	56.00	8.28	L1	10.0
0.582500	---	33.29	46.00	12.71	L1	10.0
1.142000	---	28.04	46.00	17.96	L1	10.1
1.142000	42.52	---	56.00	13.48	L1	10.1
1.722000	42.30	---	56.00	13.70	L1	10.1
1.738000	---	27.91	46.00	18.09	L1	10.1
2.766000	37.79	---	56.00	18.21	L1	10.2
2.810000	---	22.21	46.00	23.79	L1	10.2

Final Result

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.573500	39.89	---	56.00	16.11	1000.0	9.000	L1	10.0
0.582500	---	28.32	46.00	17.68	1000.0	9.000	L1	10.0

EUT Information

EUT Name: Controller
Order Number: 168484699
Model: RC520
Test Mode: BT connecting
Test Voltage: AC 120V/60Hz
Test Standard: FCC Part 15
Test By:/Review By: Steve Lan/ Shower Dai
Tem./Hum./Pressure: 23.4°C/51.2%/101kPa
Remark: SR2



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.254000	---	34.16	51.63	17.46	N	9.8
0.274000	47.22	---	61.00	13.78	N	9.8
0.394500	---	35.51	48.06	12.55	N	9.8
0.422500	48.23	---	57.49	9.26	N	9.8
0.650000	---	28.76	46.00	17.24	N	9.8
0.650000	45.18	---	56.00	10.82	N	9.8
0.934000	---	26.43	46.00	19.58	N	9.8
0.954000	43.39	---	56.00	12.61	N	9.8
1.374000	41.27	---	56.00	14.73	N	9.8
1.414000	---	23.18	46.00	22.82	N	9.8
2.526000	39.84	---	56.00	16.16	N	9.9
2.674000	---	25.08	46.00	20.92	N	9.9

Final_Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.394500	---	29.67	47.97	18.29	1000.0	9.000	N	9.8
0.422500	41.58	---	57.40	15.82	1000.0	9.000	N	9.8