

Appendix B: Test Results of 2.4GHz Wi-Fi

APPENDIX B: TEST RESULTS OF 2.4GHZ WI-FI	1
APPENDIX B.1: TEST RESULTS OF CONDUCTED PEAK POWER	2
APPENDIX B.2: TEST RESULTS OF PEAK POWER SPECTRAL DENSITY	4
APPENDIX B.3: TEST RESULTS OF 6DB BANDWIDTH	14
APPENDIX B.4: TEST RESULTS OF 99% BANDWIDTH	23
APPENDIX B.5: TEST RESULTS OF CONDUCTED SPURIOUS EMISSIONS MEASURED IN 100 kHz BANDWIDTH	28
APPENDIX B.6: TEST RESULTS OF RADIATED SPURIOUS EMISSIONS	45
30MHz - 1GHz	45
Above 1GHz	47
APPENDIX B.7: TEST RESULTS OF CONDUCTED EMISSIONS OF AC MAINS	72

Appendix B.1: Test Results of Conducted Peak Power

Peak Power:

TestMode	Antenna	Channel	Result[dBm]	Conducted Power Limit[dBm]	EIRP for ISSED Limit[dBm]	Verdict
11B-CDD	Ant1	2412	17.59	≤30.00	≤36.00	PASS
	Ant2	2412	19.23	≤30.00	≤36.00	PASS
	total	2412	21.50	≤30.00	≤36.00	PASS
	Ant1	2437	17.65	≤30.00	≤36.00	PASS
	Ant2	2437	19.38	≤30.00	≤36.00	PASS
	total	2437	21.61	≤30.00	≤36.00	PASS
	Ant1	2462	17.97	≤30.00	≤36.00	PASS
	Ant2	2462	19.53	≤30.00	≤36.00	PASS
	total	2462	21.83	≤30.00	≤36.00	PASS
11G-CDD	Ant1	2412	21.92	≤30.00	≤36.00	PASS
	Ant2	2412	24.42	≤30.00	≤36.00	PASS
	total	2412	26.36	≤30.00	≤36.00	PASS
	Ant1	2437	21.93	≤30.00	≤36.00	PASS
	Ant2	2437	24.43	≤30.00	≤36.00	PASS
	total	2437	26.37	≤30.00	≤36.00	PASS
	Ant1	2462	22.28	≤30.00	≤36.00	PASS
	Ant2	2462	24.47	≤30.00	≤36.00	PASS
	total	2462	26.52	≤30.00	≤36.00	PASS
11N20MIMO	Ant1	2412	21.94	≤30.00	≤36.00	PASS
	Ant2	2412	24.19	≤30.00	≤36.00	PASS
	total	2412	26.22	≤30.00	≤36.00	PASS
	Ant1	2437	21.88	≤30.00	≤36.00	PASS
	Ant2	2437	24.24	≤30.00	≤36.00	PASS
	total	2437	26.23	≤30.00	≤36.00	PASS
	Ant1	2462	21.91	≤30.00	≤36.00	PASS
	Ant2	2462	24.19	≤30.00	≤36.00	PASS
	total	2462	26.21	≤30.00	≤36.00	PASS
11AX20MIMO	Ant1	2412	22.60	≤30.00	≤36.00	PASS
	Ant2	2412	24.72	≤30.00	≤36.00	PASS
	total	2412	26.80	≤30.00	≤36.00	PASS
	Ant1	2437	22.69	≤30.00	≤36.00	PASS
	Ant2	2437	24.60	≤30.00	≤36.00	PASS
	total	2437	26.76	≤30.00	≤36.00	PASS
	Ant1	2462	22.96	≤30.00	≤36.00	PASS
	Ant2	2462	24.59	≤30.00	≤36.00	PASS
	total	2462	26.86	≤30.00	≤36.00	PASS

Note: The Maximum antenna gain is 0.1dBi for 2.4GHz Wi-Fi.

Conducted Average Power (for reference only):

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11B-CDD	Ant1	2412	15.28	≤30.00	PASS
	Ant2	2412	17.01	≤30.00	PASS
	total	2412	19.24	≤30.00	PASS
	Ant1	2437	15.49	≤30.00	PASS
	Ant2	2437	17.28	≤30.00	PASS
	total	2437	17.49	≤30.00	PASS
	Ant1	2462	15.40	≤30.00	PASS
	Ant2	2462	17.04	≤30.00	PASS
	total	2462	19.31	≤30.00	PASS
11G-CDD	Ant1	2412	15.01	≤30.00	PASS
	Ant2	2412	17.04	≤30.00	PASS
	total	2412	19.15	≤30.00	PASS
	Ant1	2437	15.19	≤30.00	PASS
	Ant2	2437	16.92	≤30.00	PASS
	total	2437	19.15	≤30.00	PASS
	Ant1	2462	15.20	≤30.00	PASS
	Ant2	2462	17.13	≤30.00	PASS
	total	2462	19.28	≤30.00	PASS
11N20MIMO	Ant1	2412	14.91	≤30.00	PASS
	Ant2	2412	16.63	≤30.00	PASS
	total	2412	18.86	≤30.00	PASS
	Ant1	2437	14.99	≤30.00	PASS
	Ant2	2437	16.74	≤30.00	PASS
	total	2437	18.96	≤30.00	PASS
	Ant1	2462	15.09	≤30.00	PASS
	Ant2	2462	16.63	≤30.00	PASS
	total	2462	18.94	≤30.00	PASS
11AX20MIMO	Ant1	2412	14.51	≤30.00	PASS
	Ant2	2412	16.24	≤30.00	PASS
	total	2412	18.47	≤30.00	PASS
	Ant1	2437	14.77	≤30.00	PASS
	Ant2	2437	16.21	≤30.00	PASS
	total	2437	18.56	≤30.00	PASS
	Ant1	2462	14.69	≤30.00	PASS
	Ant2	2462	16.39	≤30.00	PASS
	total	2462	18.63	≤30.00	PASS

Appendix B.2: Test Results of Peak Power Spectral Density

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B-CDD	Ant1	2412	-7.28	≤8.00	PASS
	Ant2	2412	-4.69	≤8.00	PASS
	total	2412	-2.78	≤8.00	PASS
	Ant1	2437	-6.88	≤8.00	PASS
	Ant2	2437	-4.92	≤8.00	PASS
	total	2437	-2.78	≤8.00	PASS
	Ant1	2462	-6.20	≤8.00	PASS
	Ant2	2462	-4.97	≤8.00	PASS
11G-CDD	total	2462	-2.53	≤8.00	PASS
	Ant1	2412	-7.18	≤8.00	PASS
	Ant2	2412	-5.17	≤8.00	PASS
	total	2412	-3.05	≤8.00	PASS
	Ant1	2437	-7.29	≤8.00	PASS
	Ant2	2437	-5.18	≤8.00	PASS
	total	2437	-3.10	≤8.00	PASS
	Ant1	2462	-6.80	≤8.00	PASS
11N20MIMO	Ant2	2462	-4.93	≤8.00	PASS
	total	2462	-2.75	≤8.00	PASS
	Ant1	2412	-8.14	≤8.00	PASS
	Ant2	2412	-6.51	≤8.00	PASS
	total	2412	-4.24	≤8.00	PASS
	Ant1	2437	-8.00	≤8.00	PASS
	Ant2	2437	-6.46	≤8.00	PASS
	total	2437	-4.15	≤8.00	PASS
11AX20MIMO	Ant1	2462	-6.64	≤8.00	PASS
	Ant2	2462	-6.39	≤8.00	PASS
	total	2462	-3.50	≤8.00	PASS
	Ant1	2412	-8.98	≤8.00	PASS
	Ant2	2412	-7.73	≤8.00	PASS
	total	2412	-5.30	≤8.00	PASS
	Ant1	2437	-8.24	≤8.00	PASS
	Ant2	2437	-6.93	≤8.00	PASS
11AX20MIMO	total	2437	-4.53	≤8.00	PASS
	Ant1	2462	-8.72	≤8.00	PASS
	Ant2	2462	-6.96	≤8.00	PASS
	total	2462	-4.74	≤8.00	PASS

11B-CDD_Ant1_2412



11B-CDD_Ant2_2412



11B-CDD_Ant1_2437



11B-CDD Ant2 2437



11B-CDD Ant1 2462



11B-CDD Ant2 2462



11G-CDD Ant1 2412



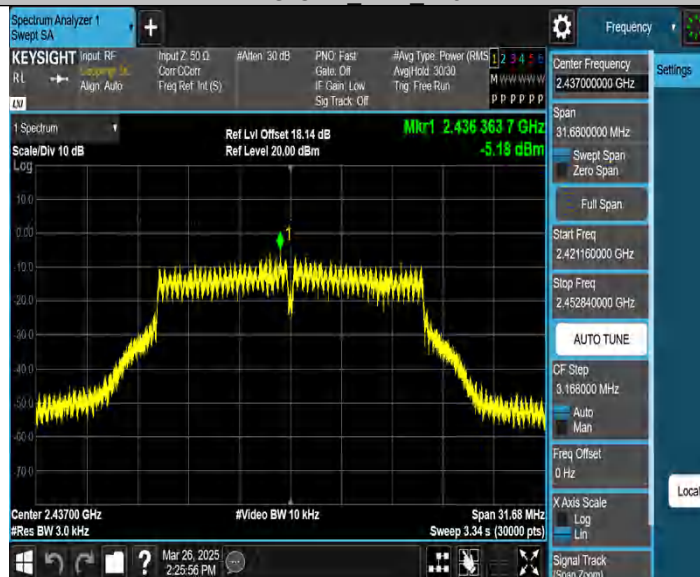
11G-CDD Ant2 2412



11G-CDD Ant1 2437



11G-CDD Ant2 2437



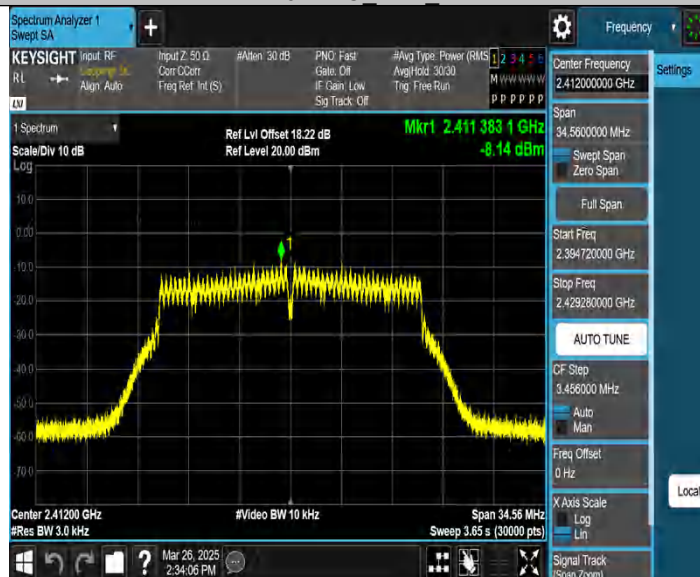
11G-CDD Ant1 2462



11G-CDD Ant2 2462



11N20MIMO Ant1 2412



11N20MIMO Ant2 2412



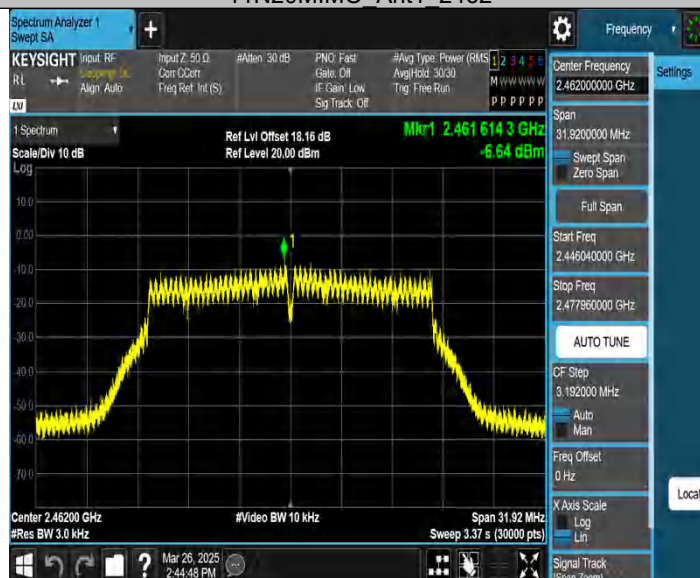
11N20MIMO Ant1 2437



11N20MIMO Ant2 2437



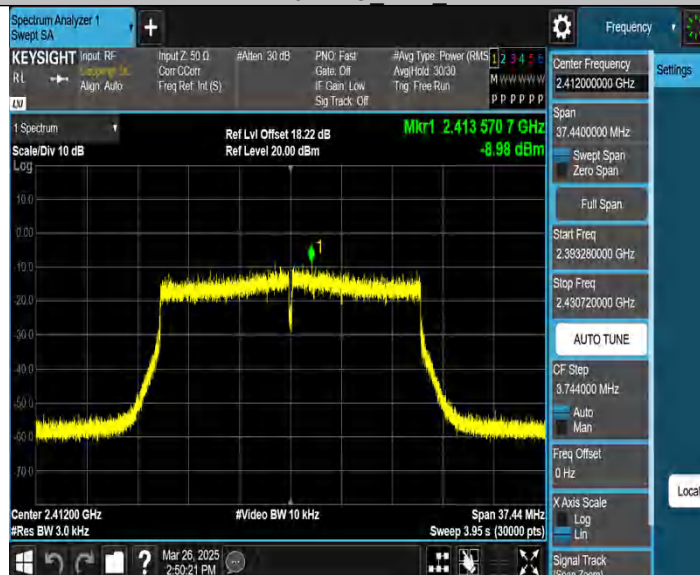
11N20MIMO Ant1 2462



11N20MIMO Ant2 2462



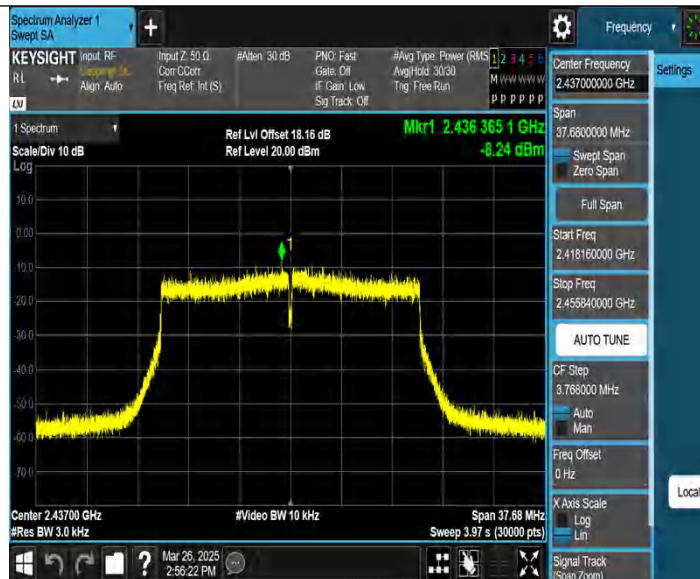
11AX20MIMO_Ant1_2412



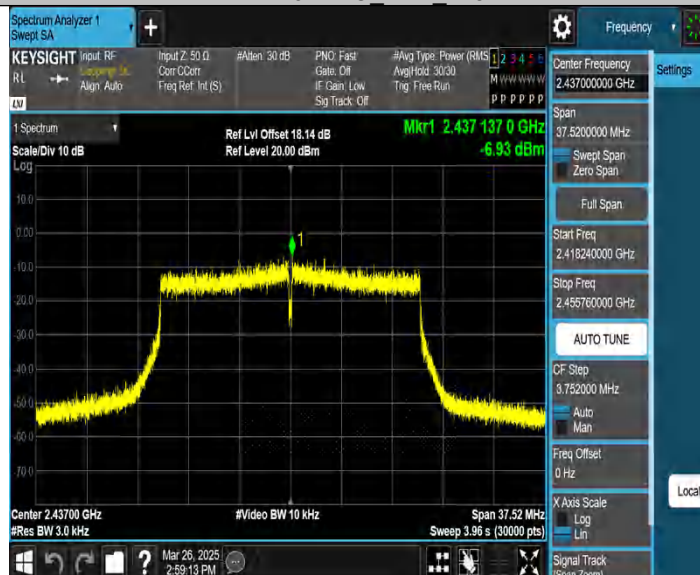
11AX20MIMO_Ant2_2412



11AX20MIMO_Ant1_2437



11AX20MIMO_Ant2_2437



11AX20MIMO_Ant1_2462



11AX20MIMO_Ant2_2462



Appendix B.3: Test Results of 6dB Bandwidth

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B-CDD	Ant1	2412	9.560	2407.440	2417.000	0.5	PASS
	Ant2	2412	10.080	2406.960	2417.040	0.5	PASS
	Ant1	2437	9.120	2432.440	2441.560	0.5	PASS
	Ant2	2437	10.000	2432.000	2442.000	0.5	PASS
	Ant1	2462	9.600	2456.960	2466.560	0.5	PASS
	Ant2	2462	10.040	2457.000	2467.040	0.5	PASS
11G-CDD	Ant1	2412	15.040	2404.480	2419.520	0.5	PASS
	Ant2	2412	15.000	2404.520	2419.520	0.5	PASS
	Ant1	2437	15.400	2429.120	2444.520	0.5	PASS
	Ant2	2437	15.840	2429.280	2445.120	0.5	PASS
	Ant1	2462	15.160	2454.440	2469.600	0.5	PASS
	Ant2	2462	14.680	2454.840	2469.520	0.5	PASS
11N20MIMO	Ant1	2412	17.280	2403.480	2420.760	0.5	PASS
	Ant2	2412	17.600	2403.200	2420.800	0.5	PASS
	Ant1	2437	16.920	2428.600	2445.520	0.5	PASS
	Ant2	2437	17.560	2428.200	2445.760	0.5	PASS
	Ant1	2462	15.960	2454.400	2470.360	0.5	PASS
	Ant2	2462	17.200	2453.200	2470.400	0.5	PASS
11AX20MIMO	Ant1	2412	18.720	2402.720	2421.440	0.5	PASS
	Ant2	2412	18.840	2402.520	2421.360	0.5	PASS
	Ant1	2437	18.840	2427.560	2446.400	0.5	PASS
	Ant2	2437	18.760	2427.600	2446.360	0.5	PASS
	Ant1	2462	18.760	2452.680	2471.440	0.5	PASS
	Ant2	2462	18.400	2453.040	2471.440	0.5	PASS

11B-CDD Ant1 2412



11B-CDD Ant2 2412









11G-CDD Ant2 2462



11N20MIMO Ant1 2412



11N20MIMO Ant2 2412





11N20MIMO_Ant2_2462



11AX20MIMO_Ant1_2412



11AX20MIMO_Ant2_2412



11AX20MIMO_Ant1_2437



11AX20MIMO_Ant2_2437



11AX20MIMO_Ant1_2462



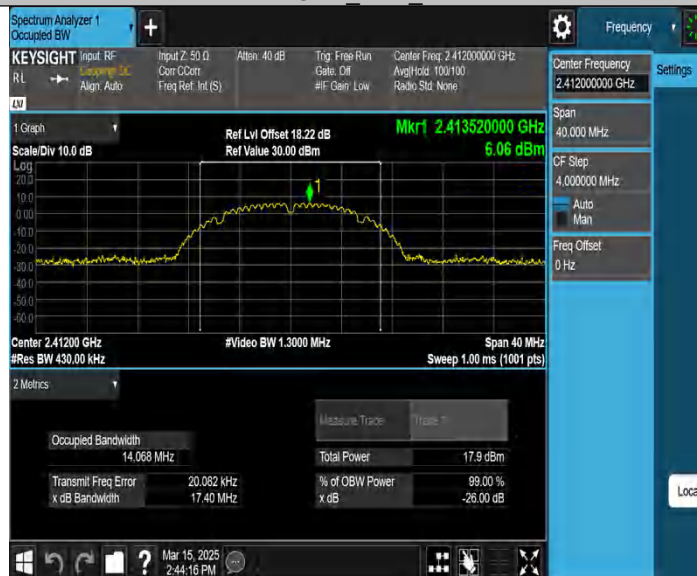
11AX20MIMO_Ant2_2462



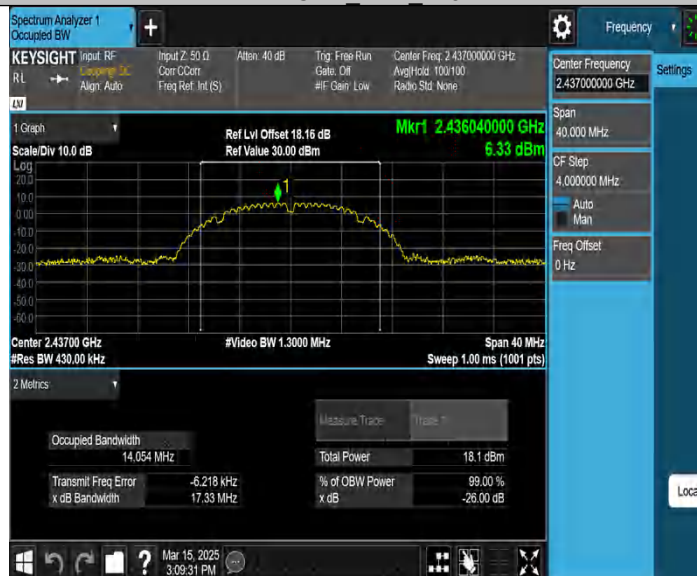
Appendix B.4: Test Results of 99% Bandwidth

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B-CDD	Ant1	2412	14.068	2404.9861	2419.0541	---	---
		2437	14.054	2429.9668	2444.0208	---	---
		2462	14.049	2454.9636	2469.0126	---	---
11G-CDD	Ant1	2412	17.274	2403.4018	2420.6758	---	---
		2437	17.277	2428.3887	2445.6657	---	---
		2462	17.245	2453.3743	2470.6193	---	---
11N20MIMO	Ant1	2412	18.343	2402.8262	2421.1692	---	---
		2437	18.367	2427.8038	2446.1708	---	---
		2462	18.313	2452.8428	2471.1558	---	---
11AX20MIMO	Ant1	2412	19.090	2402.4768	2421.5668	---	---
		2437	19.183	2427.4139	2446.5969	---	---
		2462	19.055	2452.4694	2471.5244	---	---

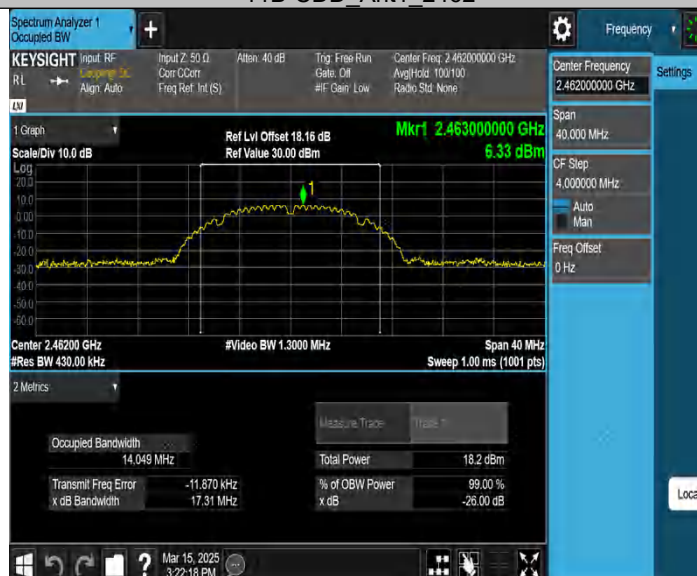
11B-CDD Ant1 2412



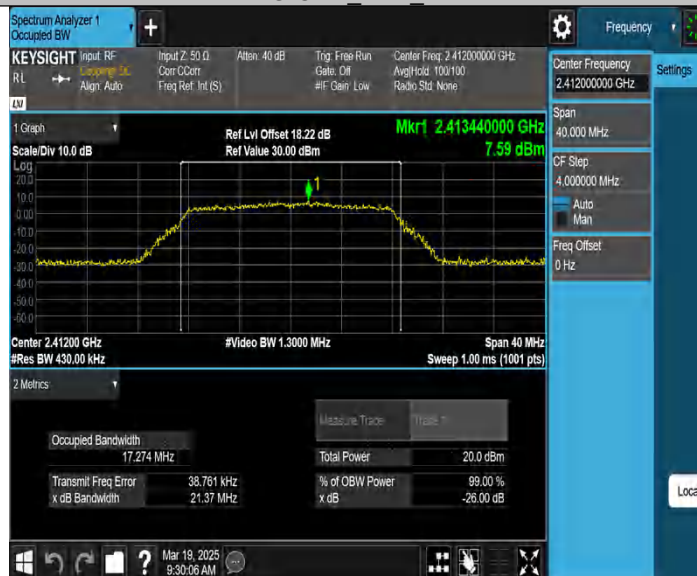
11B-CDD Ant1 2437



11B-CDD Ant1 2462



11G-CDD Ant1 2412

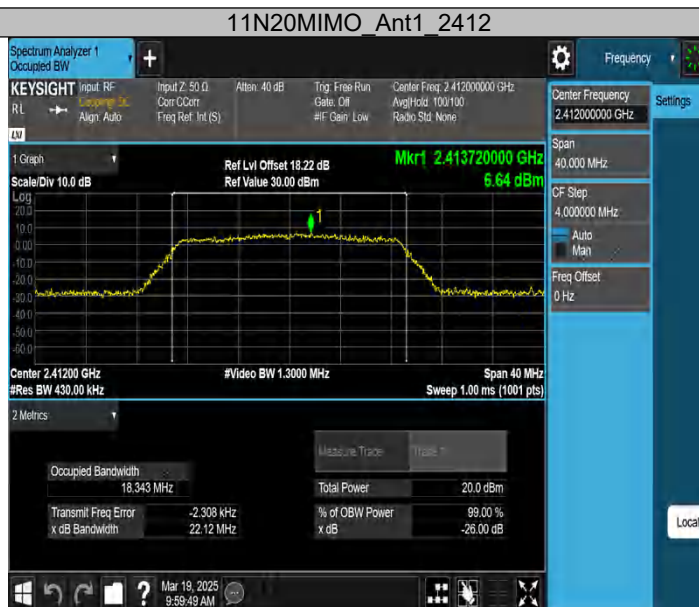


11G-CDD Ant1 2437



11G-CDD Ant1 2462





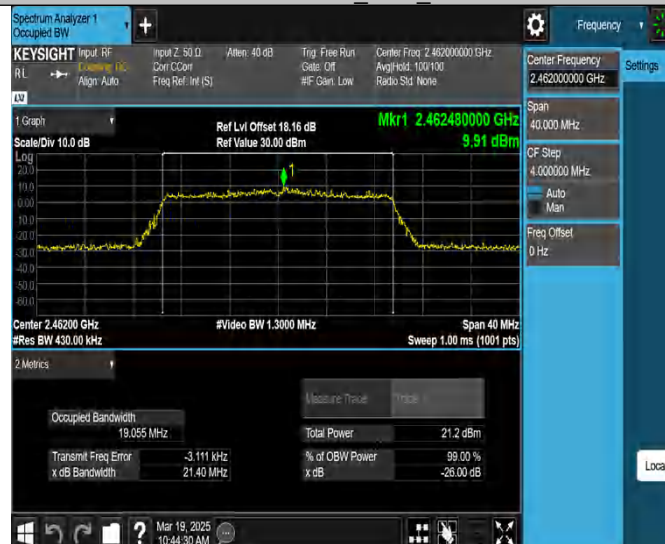
11AX20MIMO_Ant1_2412



11AX20MIMO_Ant1_2437



11AX20MIMO_Ant1_2462



Appendix B.5: Test Results of Conducted Spurious Emissions Measured in 100 kHz Bandwidth

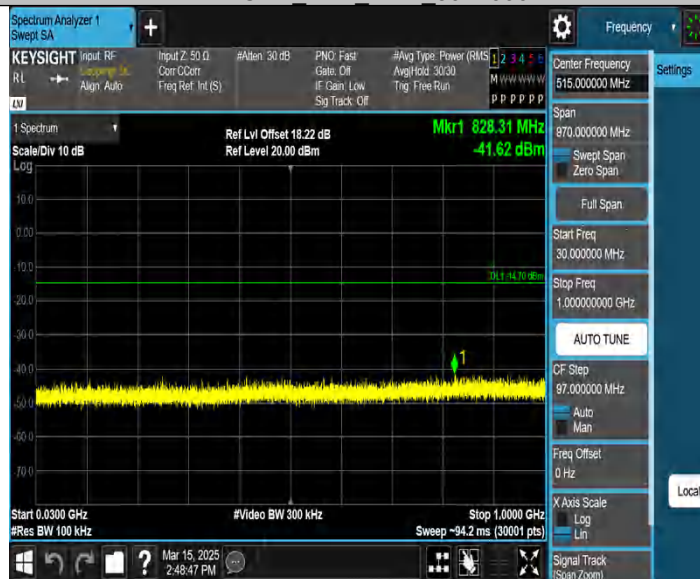
TestMode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B-CDD	Ant1	2412	Reference	5.30	5.30	---	PASS
			30~1000	5.30	-41.63	≤-14.7	PASS
			1000~26500	5.30	-31.86	≤-14.7	PASS
		2437	Reference	4.31	4.31	---	PASS
			30~1000	4.31	-41.75	≤-15.69	PASS
			1000~26500	4.31	-32.64	≤-15.69	PASS
		2462	Reference	5.67	5.67	---	PASS
			30~1000	5.67	-41.29	≤-14.33	PASS
			1000~26500	5.67	-31.67	≤-14.33	PASS
11G-CDD	Ant1	2412	Reference	2.75	2.75	---	PASS
			30~1000	2.75	-41.57	≤-17.25	PASS
			1000~26500	2.75	-31.88	≤-17.25	PASS
		2437	Reference	3.70	3.70	---	PASS
			30~1000	3.70	-41.28	≤-16.3	PASS
			1000~26500	3.70	-32.65	≤-16.3	PASS
		2462	Reference	0.52	0.52	---	PASS
			30~1000	0.52	-41.75	≤-19.48	PASS
			1000~26500	0.52	-32.88	≤-19.48	PASS
11N20MIMO	Ant1	2412	Reference	2.55	2.55	---	PASS
			30~1000	2.55	-41.58	≤-17.45	PASS
			1000~26500	2.55	-32.71	≤-17.45	PASS
		2437	Reference	0.74	0.74	---	PASS
			30~1000	0.74	-40.7	≤-19.26	PASS
			1000~26500	0.74	-31.67	≤-19.26	PASS
		2462	Reference	3.61	3.61	---	PASS
			30~1000	3.61	-41.77	≤-16.39	PASS
			1000~26500	3.61	-32.86	≤-16.39	PASS
11AX20MIMO	Ant1	2412	Reference	1.53	1.53	---	PASS
			30~1000	1.53	-40.78	≤-18.47	PASS
			1000~26500	1.53	-32.8	≤-18.47	PASS
		2437	Reference	2.66	2.66	---	PASS
			30~1000	2.66	-40.69	≤-17.34	PASS
			1000~26500	2.66	-32.78	≤-17.34	PASS
		2462	Reference	1.12	1.12	---	PASS
			30~1000	1.12	-41.48	≤-18.88	PASS
			1000~26500	1.12	-32.38	≤-18.88	PASS

All modes and ports tested, only the worst-case report

11B-CDD_Ant1_2412_0~Reference



11B-CDD_Ant1_2412_30~1000



11B-CDD_Ant1_2412_1000~26500



11B-CDD_Ant1_2437_0~Reference



11B-CDD_Ant1_2437_30~1000



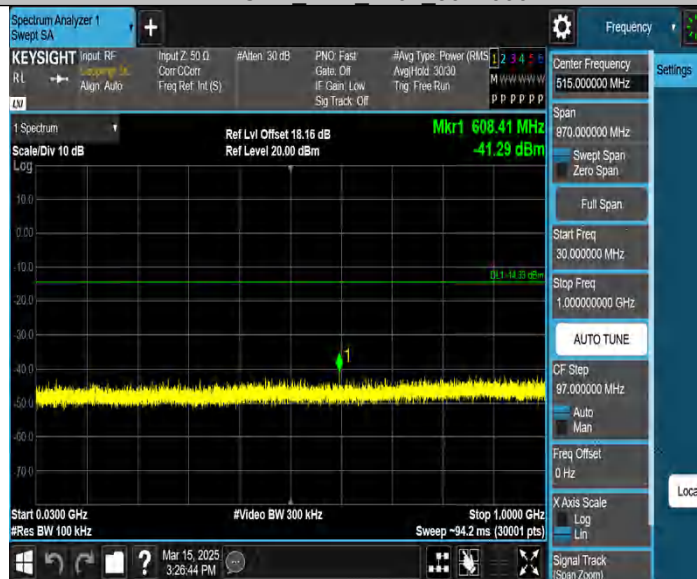
11B-CDD_Ant1_2437_1000~26500



11B-CDD_Ant1_2462_0~Reference



11B-CDD_Ant1_2462_30~1000



11B-CDD_Ant1_2462_1000~26500



11G-CDD_Ant1_2412_0~Reference



11G-CDD_Ant1_2412_30~1000



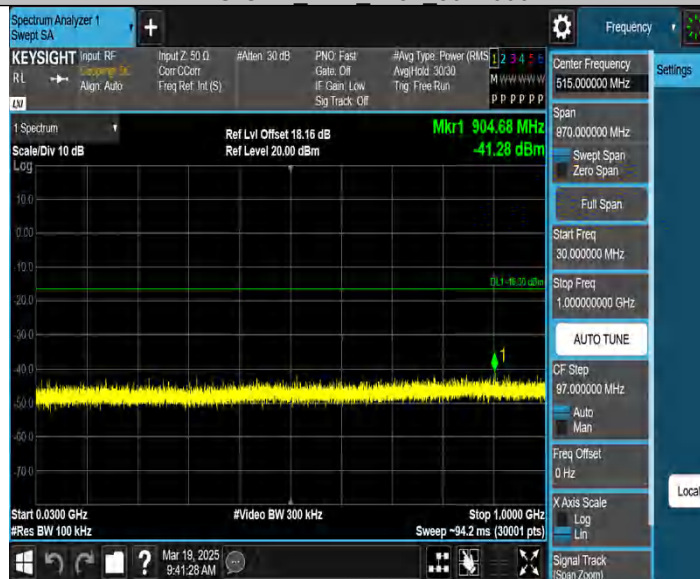
11G-CDD_Ant1_2412_1000~26500



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



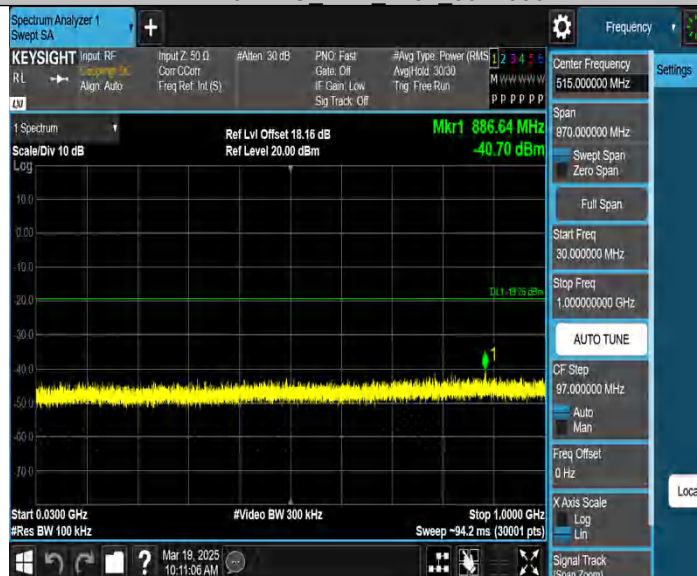
11N20MIMO_Ant1_2412_1000~26500



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



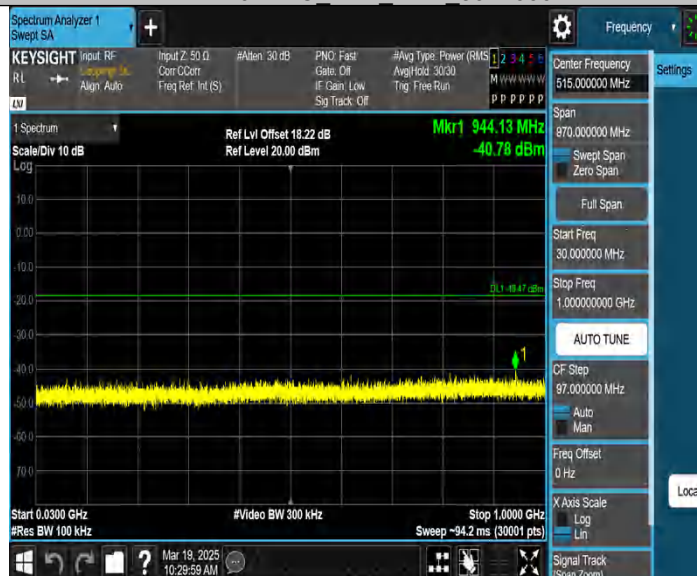
11N20MIMO_Ant1_2462_1000~26500



11AX20MIMO Ant1 2412 0~Reference



11AX20MIMO Ant1 2412 30~1000



11AX20MIMO Ant1 2412 1000~26500



11AX20MIMO Ant1 2437 0~Reference



11AX20MIMO Ant1 2437 30~1000



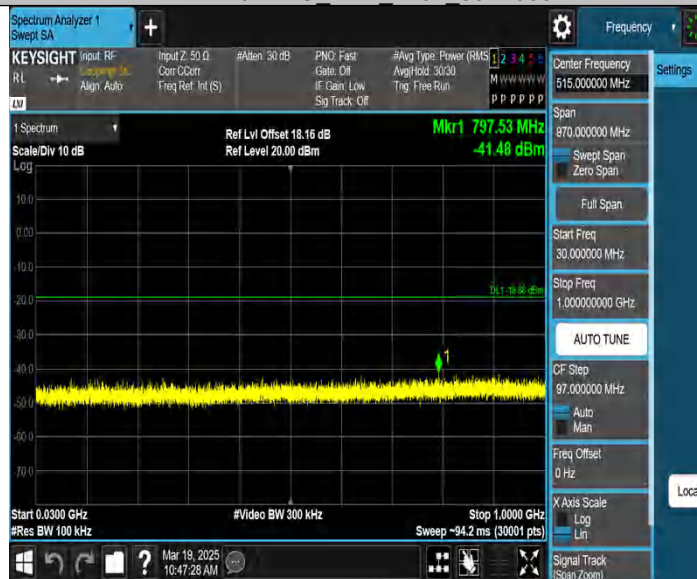
11AX20MIMO Ant1 2437 1000~26500



11AX20MIMO Ant1 2462 0~Reference



11AX20MIMO Ant1 2462 30~1000



11AX20MIMO Ant1 2462 1000~26500



Band edge:

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B-CDD	Ant1	Low	2412	5.35	-34.56	≤-14.65	PASS
		High	2462	5.57	-40.8	≤-14.43	PASS
11G-CDD	Ant1	Low	2412	4.11	-38.5	≤-15.89	PASS
		High	2462	4.51	-39.94	≤-15.49	PASS
11N20MIMO	Ant1	Low	2412	2.53	-39.12	≤-17.47	PASS
		High	2462	3.20	-40.5	≤-16.8	PASS
11AX20MIMO	Ant1	Low	2412	3.08	-39.07	≤-16.92	PASS
		High	2462	3.75	-40.66	≤-16.25	PASS

11B-CDD_Ant1_Low_2412



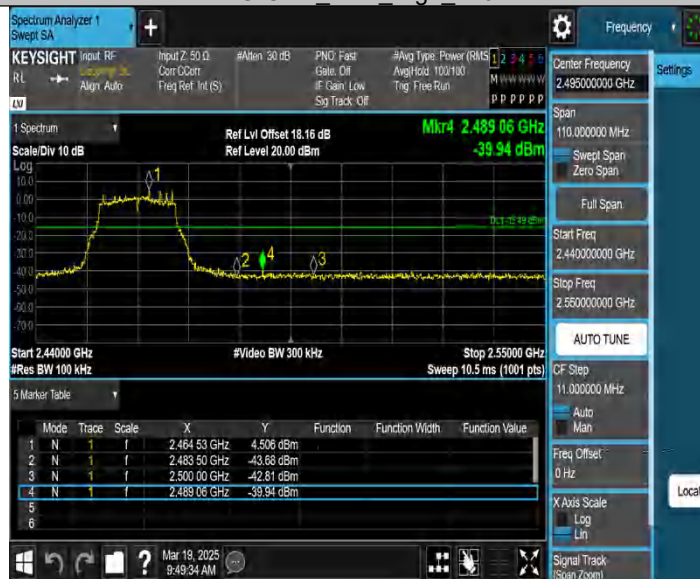
11B-CDD_Ant1_High_2462



11G-CDD_Ant1_Low_2412



11G-CDD Ant1 High 2462



11N20MIMO Ant1 Low 2412



11N20MIMO Ant1 High 2462



11AX20MIMO Ant1 Low 2412



11AX20MIMO Ant1 High 2462



Appendix B.6: 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.

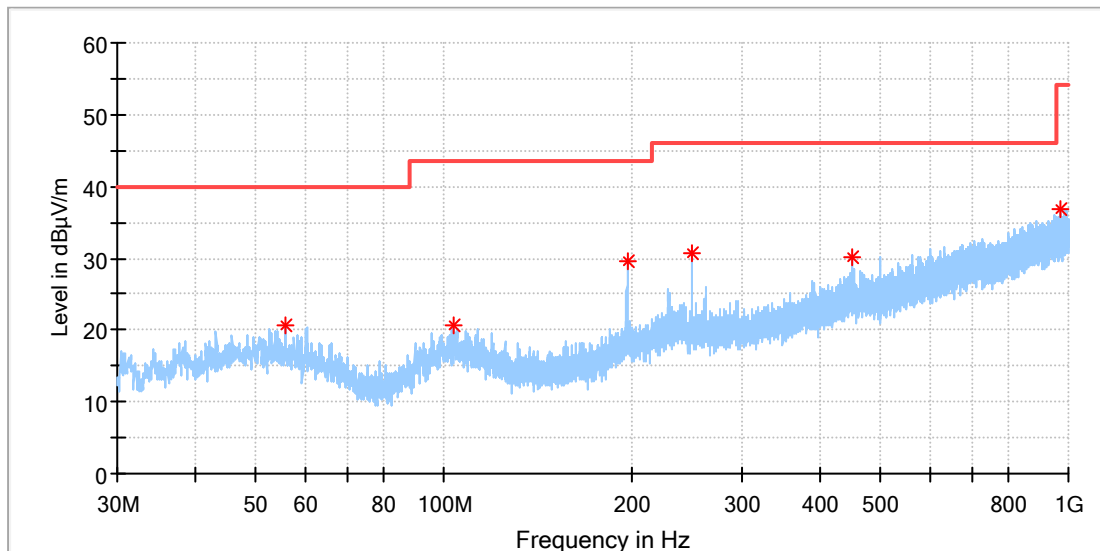
Note 2: The highest emissions are the fundamental waves.

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

30MHz - 1GHz

EUT Information

EUT Name:	3D Scanner
Model:	EinScan Rigil
Test Mode:	WIFI 2.4G_11b_Ch6
Order No/Sample No:	168539933/A003931251-001
Test Voltage::	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

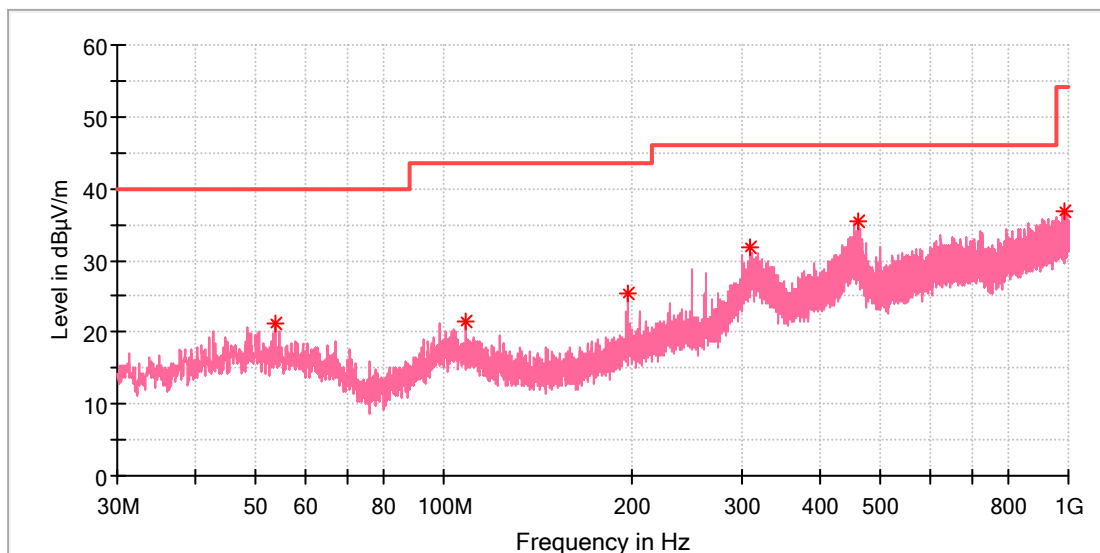
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
55.779615	20.74	40.00	19.26	100.0	H	120.0	-18.6
103.981154	20.55	43.50	22.95	100.0	H	292.0	-18.9
196.616154	29.69	43.50	13.81	100.0	H	259.0	-19.2
250.003462	30.73	46.00	15.27	100.0	H	227.0	-17.4
450.010000	30.24	46.00	15.76	100.0	H	46.0	-12.8
970.638846	36.84	54.00	17.16	100.0	H	0.0	-4.0

Final_Result

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

EUT Information

EUT Name: 3D Scanner
Model: EinScan Rigel
Test Mode: WIFI 2.4G_11b_Ch6
Order No/Sample No: 168539933/A003931251-001
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)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
53.727692	21.27	40.00	18.73	100.0	V	0.0	-18.5
108.085000	21.46	43.50	22.04	100.0	V	0.0	-19.1
196.466923	25.48	43.50	18.02	100.0	V	139.0	-19.2
309.173462	31.73	46.00	14.27	100.0	V	163.0	-16.0
461.351539	35.32	46.00	10.68	100.0	V	148.0	-12.5
985.076923	36.78	54.00	17.22	100.0	V	139.0	-3.7

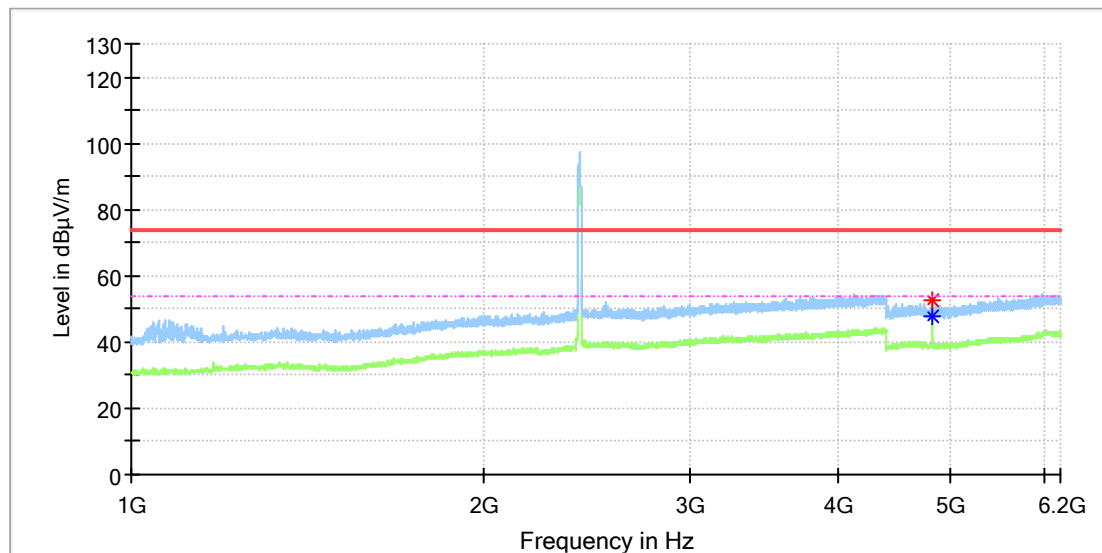
Final_Result

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

Above 1GHz

EUT Information

EUT Name:	3D Scanner
Model:	EinScan Rigil
Test Mode:	WIFI 2.4G_11b_Ch1
Order No/Sample No:	168539933/A003931251-001
Test Voltage::	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

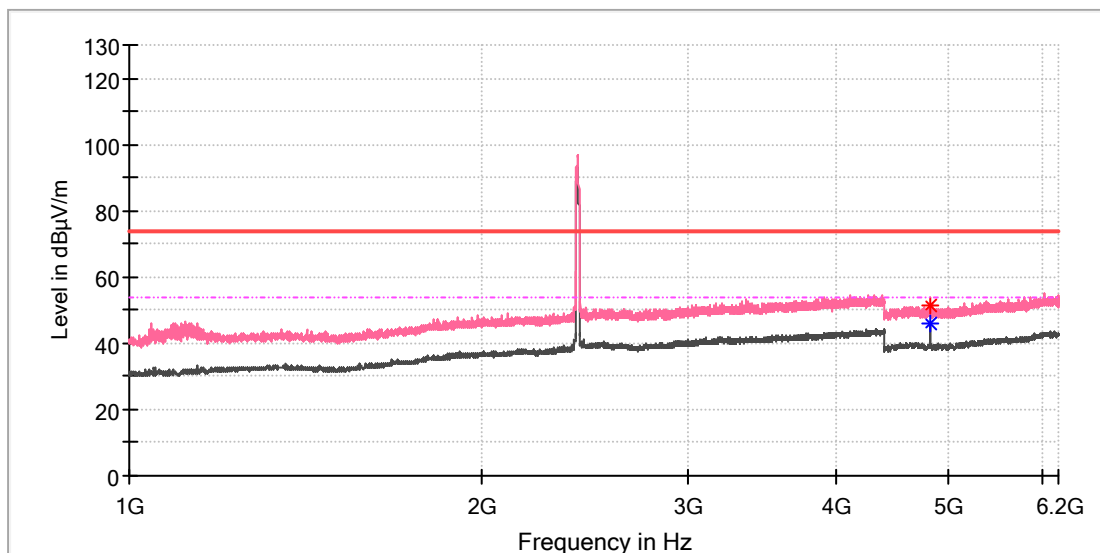
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4824.000000	52.42	---	74.00	21.58	150.0	H	131.0	11.8
4824.000000	---	47.58	54.00	6.42	150.0	H	131.0	11.8

Final_Result

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

EUT Information

EUT Name:	3D Scanner
Model:	EinScan Rigil
Test Mode:	WIFI 2.4G_11b_Ch1
Order No/Sample No:	168539933/A003931251-001
Test Voltage::	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

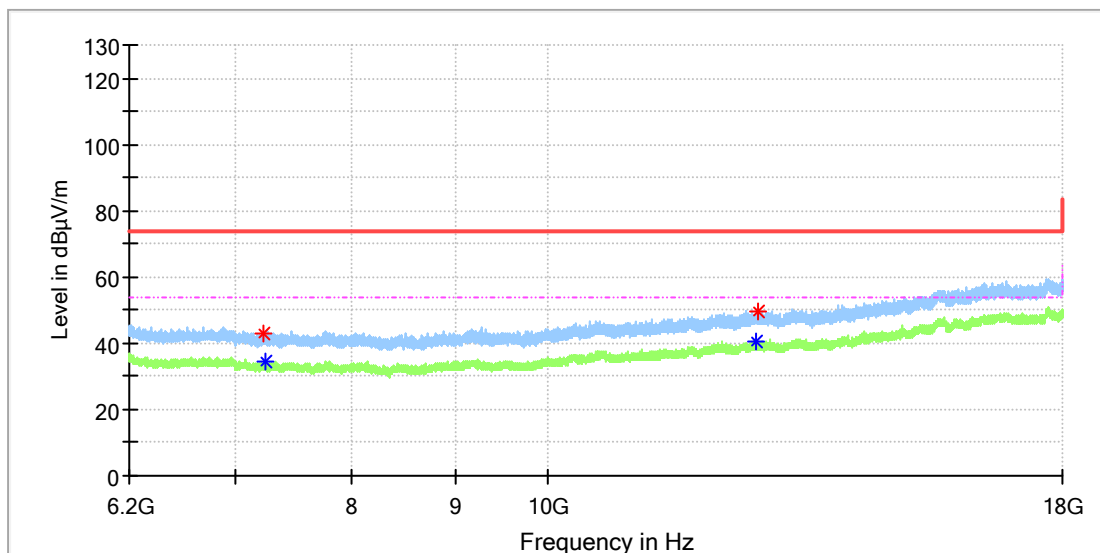
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4824.000000	51.16	---	74.00	22.84	150.0	V	7.0	11.8
4824.000000	---	45.67	54.00	8.33	150.0	V	7.0	11.8

Final_Result

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

EUT Information

EUT Name: 3D Scanner
Model: EinScan Rigil
Test Mode: WIFI 2.4G_11b_Ch1
Order No/Sample No: 168539933/A003931251-001
Test Voltage:: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

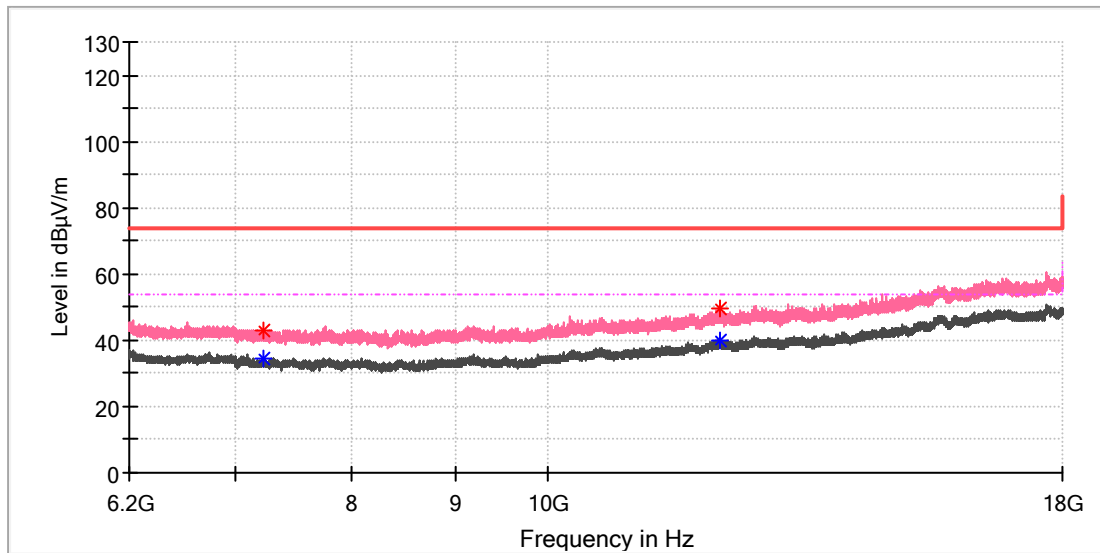
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7232.008333	42.96	---	74.00	31.04	150.0	H	35.0	8.6
7236.433333	---	34.42	54.00	19.58	150.0	H	48.0	8.6
12681.641667	---	40.55	54.00	13.45	150.0	H	156.0	15.1
12705.241667	49.75	---	74.00	24.25	150.0	H	23.0	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:	3D Scanner
Model:	EinScan Rigil
Test Mode:	WIFI 2.4G_11b_Ch1
Order No/Sample No:	168539933/A003931251-001
Test Voltage::	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

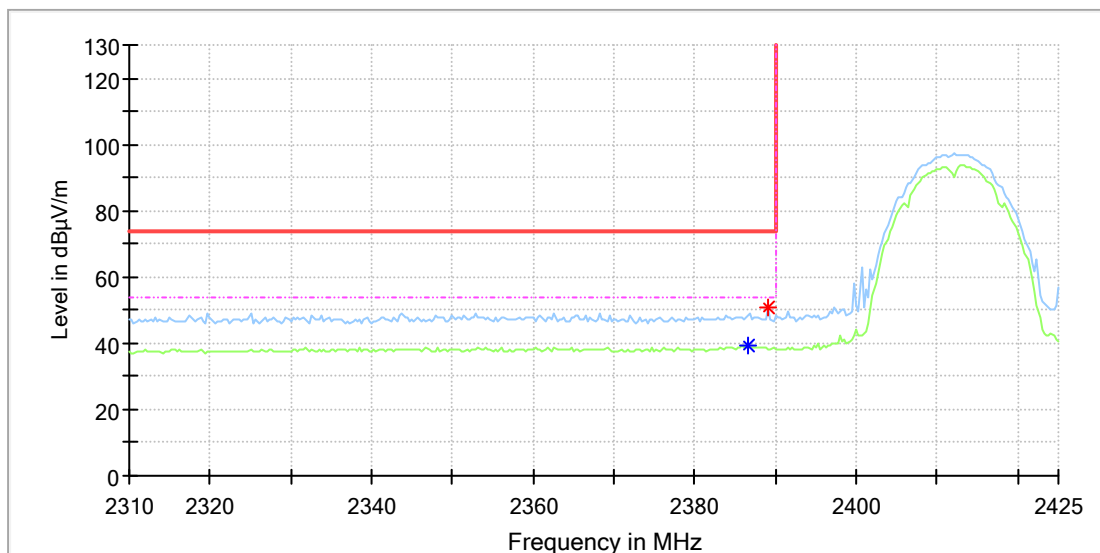
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7229.058333	43.22	---	74.00	30.78	150.0	V	352.0	8.6
7233.975000	---	34.66	54.00	19.34	150.0	V	221.0	8.6
12167.358333	49.37	---	74.00	24.63	150.0	V	221.0	14.5
12181.125000	---	40.20	54.00	13.80	150.0	V	221.0	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:	3D Scanner
Model:	EinScan Rigil
Test Mode:	WIFI 2.4G_11b_Ch1
Order No/Sample No:	168539933/A003931251-001
Test Voltage::	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

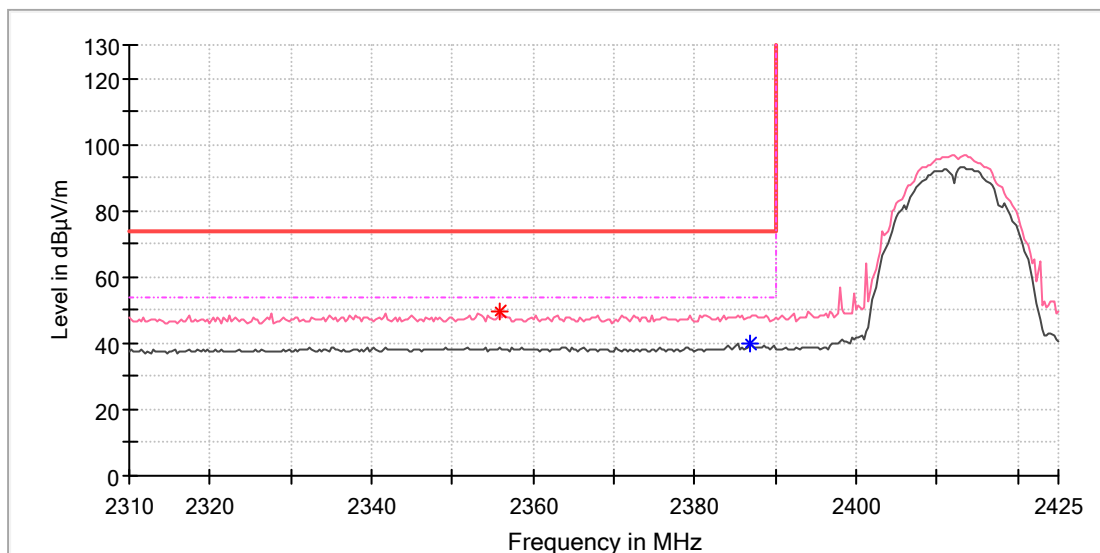
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2386.470588	---	39.59	54.00	14.41	150.0	H	108.0	7.0
2389.117647	50.63	---	74.00	23.37	150.0	H	134.0	7.0

Final_Result

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

EUT Information

EUT Name:	3D Scanner
Model:	EinScan Rigil
Test Mode:	WIFI 2.4G_11b_Ch1
Order No/Sample No:	168539933/A003931251-001
Test Voltage::	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

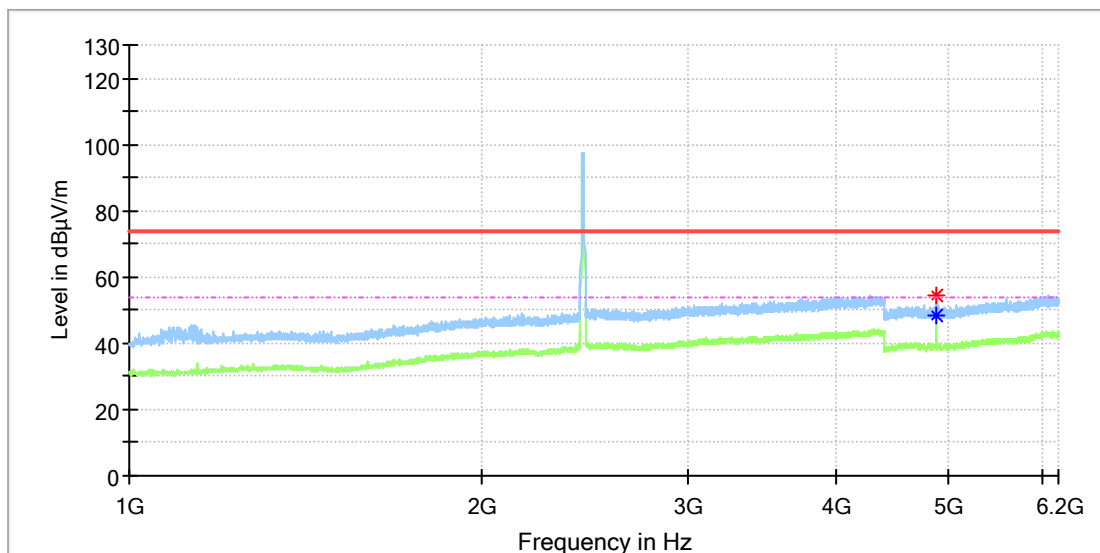
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2355.882353	49.46	---	74.00	24.54	150.0	V	342.0	6.9
2386.764706	---	40.02	54.00	13.98	150.0	V	31.0	7.0

Final_Result

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

EUT Information

EUT Name:	3D Scanner
Model:	EinScan Rigil
Test Mode:	WIFI 2.4G_11b_Ch6
Order No/Sample No:	168539933/A003931251-001
Test Voltage::	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

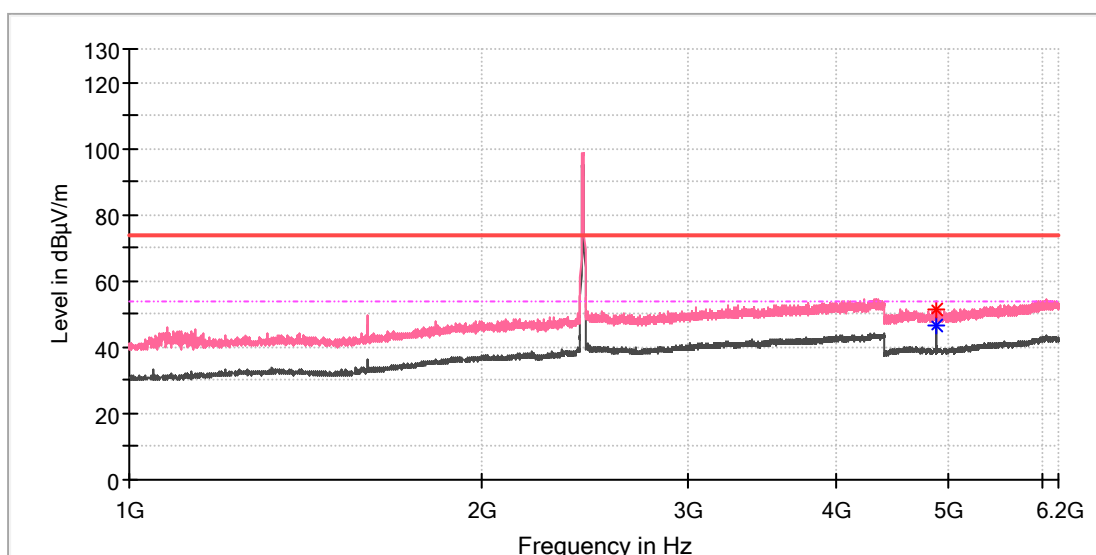
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4874.000000	54.16	---	74.00	19.84	150.0	H	146.0	11.8
4874.000000	---	48.51	54.00	5.49	150.0	H	146.0	11.8

Final_Result

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

EUT Information

EUT Name:	3D Scanner
Model:	EinScan Rigil
Test Mode:	WIFI 2.4G_11b_Ch6
Order No/Sample No:	168539933/A003931251-001
Test Voltage::	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

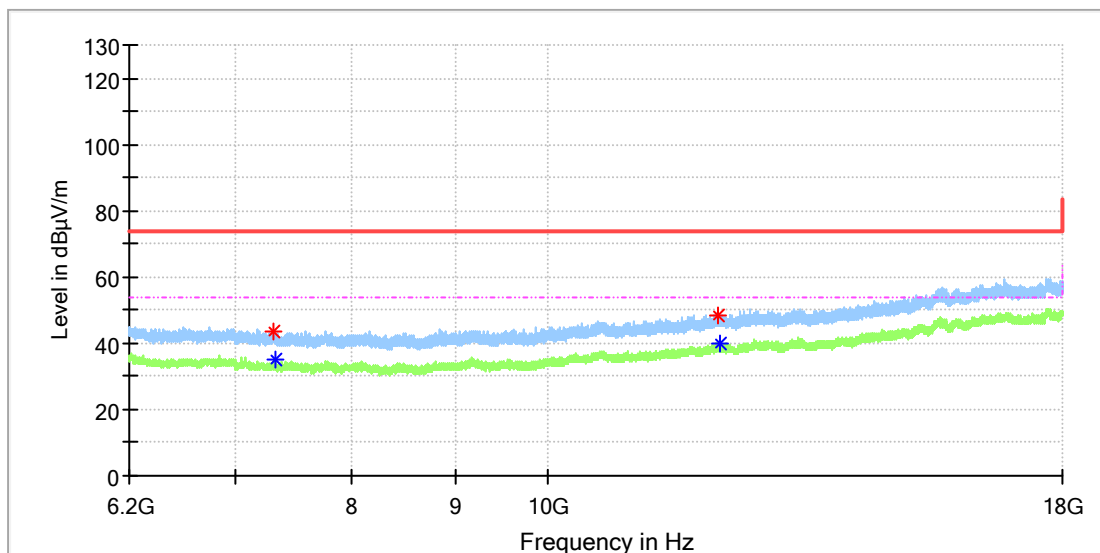
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4874.000000	51.63	---	74.00	22.37	150.0	V	17.0	11.8
4874.000000	---	46.63	54.00	7.37	150.0	V	17.0	11.8

Final_Result

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

EUT Information

EUT Name: 3D Scanner
Model: EinScan Rigil
Test Mode: WIFI 2.4G_11b_Ch6
Order No/Sample No: 168539933/A003931251-001
Test Voltage:: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

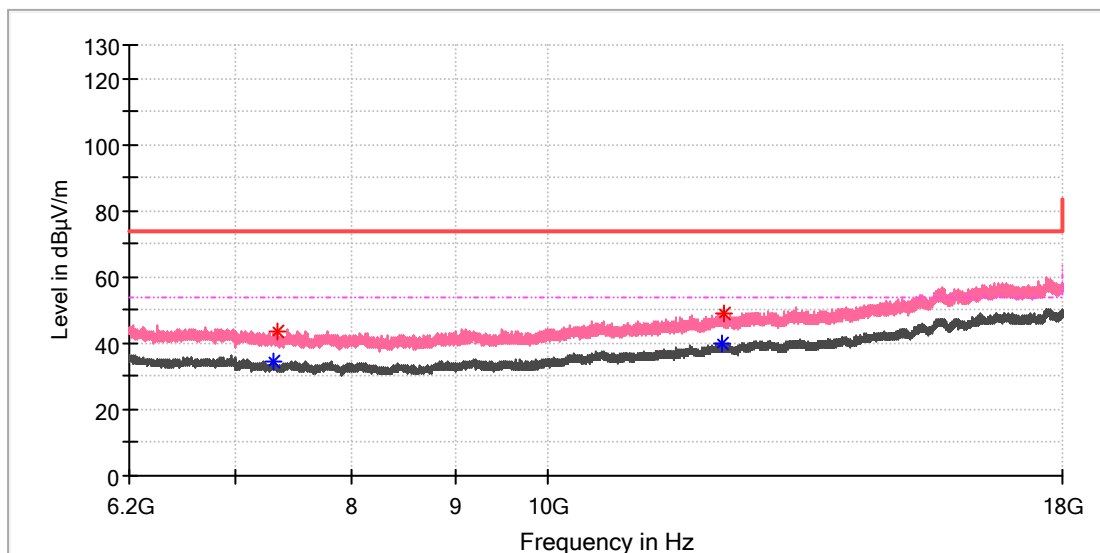
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7316.083333	43.64	---	74.00	30.36	150.0	H	208.0	8.2
7319.033333	---	34.88	54.00	19.12	150.0	H	220.0	8.2
12136.875000	48.64	---	74.00	25.36	150.0	H	359.0	14.3
12177.683333	---	39.74	54.00	14.26	150.0	H	329.0	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:	3D Scanner
Model:	EinScan Rigil
Test Mode:	WIFI 2.4G_11b_Ch6
Order No/Sample No:	168539933/A003931251-001
Test Voltage::	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

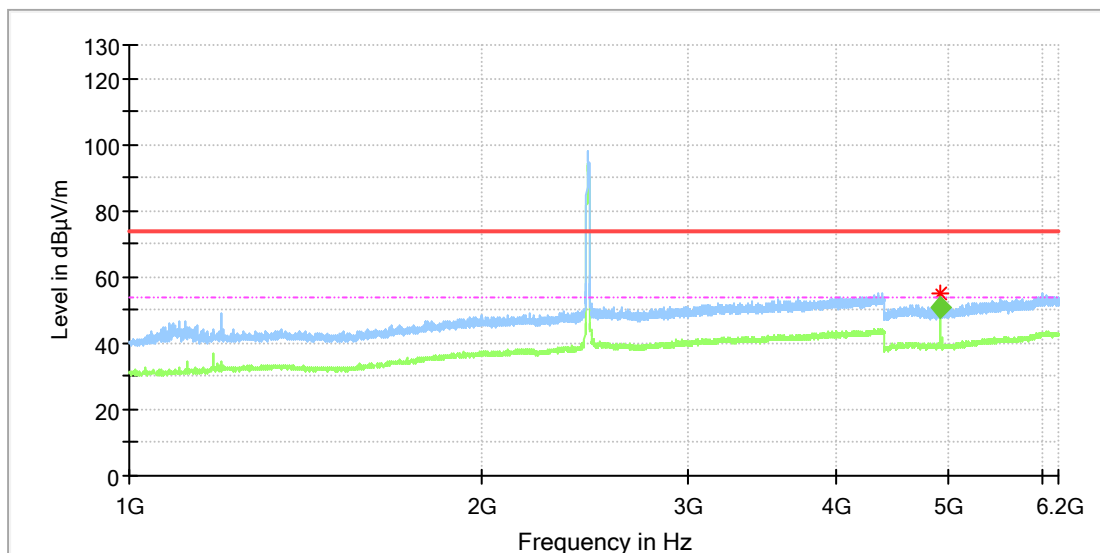
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7313.625000	---	34.55	54.00	19.45	150.0	V	48.0	8.2
7340.666667	43.47	---	74.00	30.53	150.0	V	109.0	8.1
12189.975000	---	39.85	54.00	14.15	150.0	V	11.0	14.6
12242.583333	48.97	---	74.00	25.03	150.0	V	265.0	14.7

Final_Result

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

EUT Information

EUT Name:	3D Scanner
Model:	EinScan Rigil
Test Mode:	WIFI 2.4G_11b_Ch11
Order No/Sample No:	168539933/A003931251-001
Test Voltage::	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

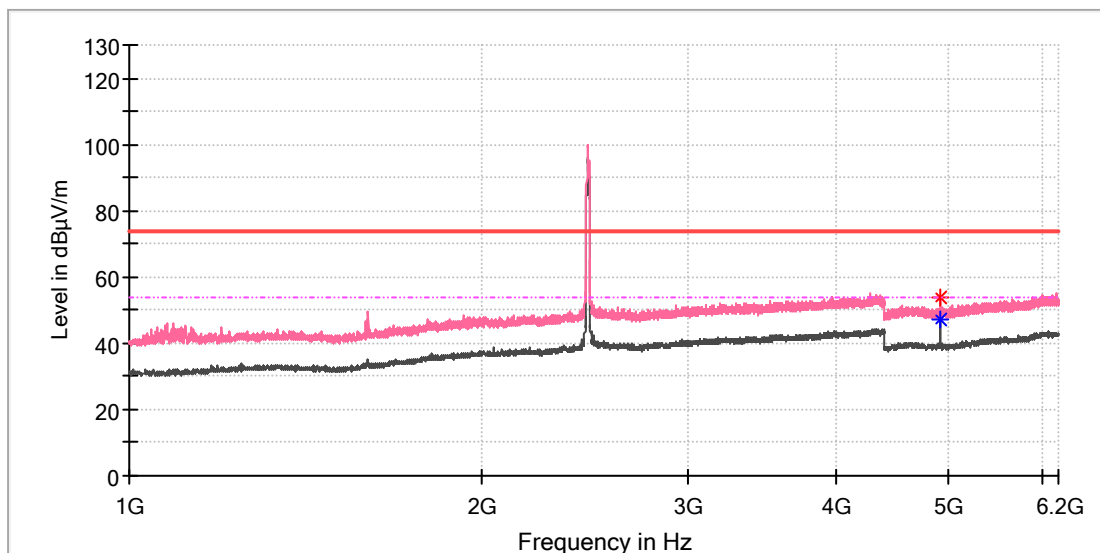
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4924.000000	55.13	---	74.00	18.87	150.0	H	127.0	11.8

Final_Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4923.941667	50.81	54.00	3.19	150.0	H	125.0	11.8

EUT Information

EUT Name:	3D Scanner
Model:	EinScan Rigil
Test Mode:	WIFI 2.4G_11b_Ch11
Order No/Sample No:	168539933/A003931251-001
Test Voltage::	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

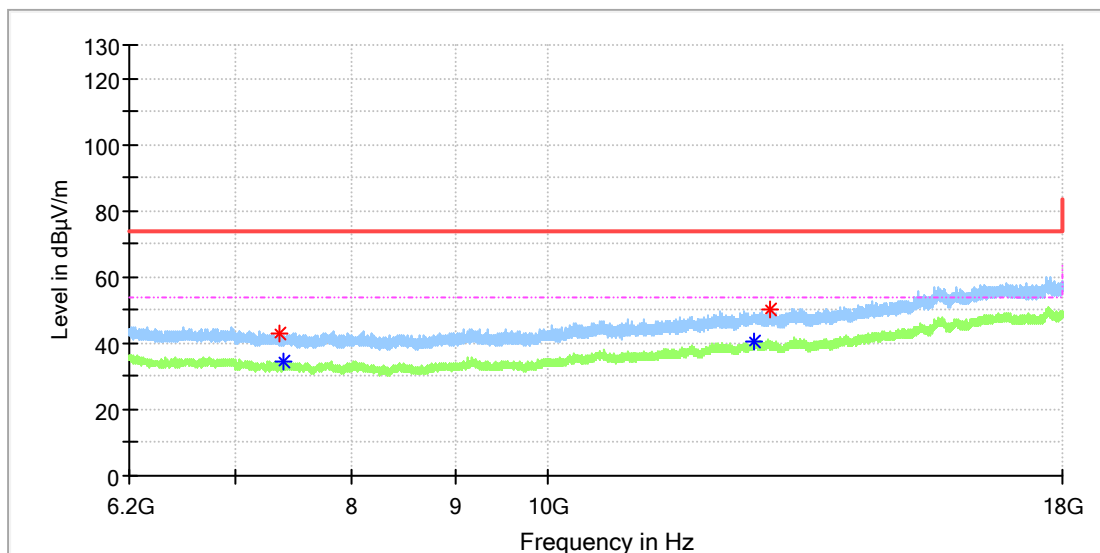
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4924.000000	54.06	---	74.00	19.94	150.0	V	16.0	11.8
4924.000000	---	47.05	54.00	6.95	150.0	V	16.0	11.8

Final_Result

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

EUT Information

EUT Name: 3D Scanner
Model: EinScan Rigil
Test Mode: WIFI 2.4G_11b_Ch11
Order No/Sample No: 168539933/A003931251-001
Test Voltage:: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

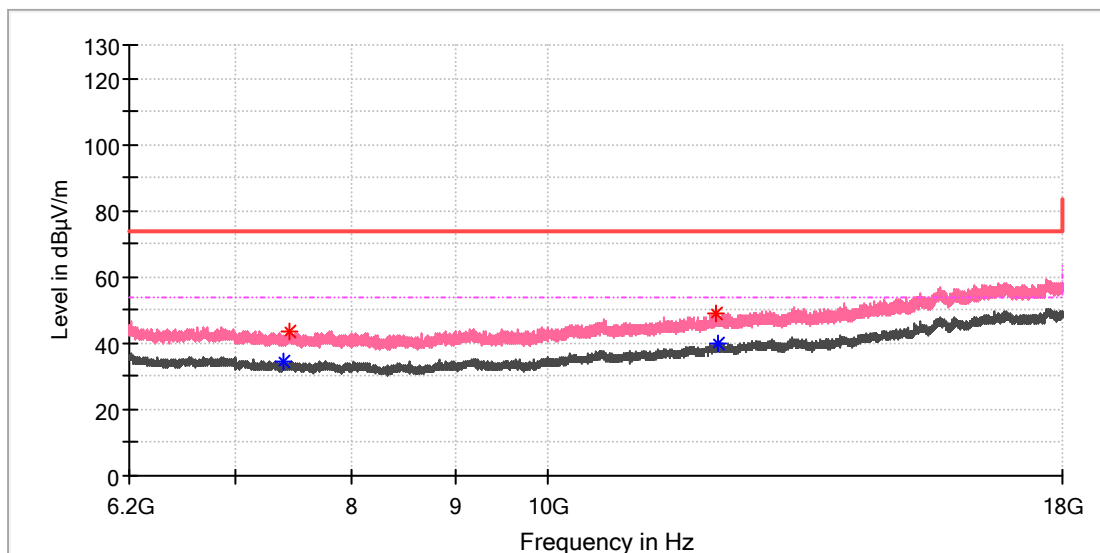
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7358.366667	42.83	---	74.00	31.17	150.0	H	216.0	8.1
7387.375000	---	34.64	54.00	19.36	150.0	H	86.0	8.2
12657.058333	---	40.58	54.00	13.42	150.0	H	170.0	15.0
12891.583333	50.39	---	74.00	23.61	150.0	H	27.0	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: 3D Scanner
Model: EinScan Rigil
Test Mode: WIFI 2.4G_11b_Ch11
Order No/Sample No: 168539933/A003931251-001
Test Voltage:: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

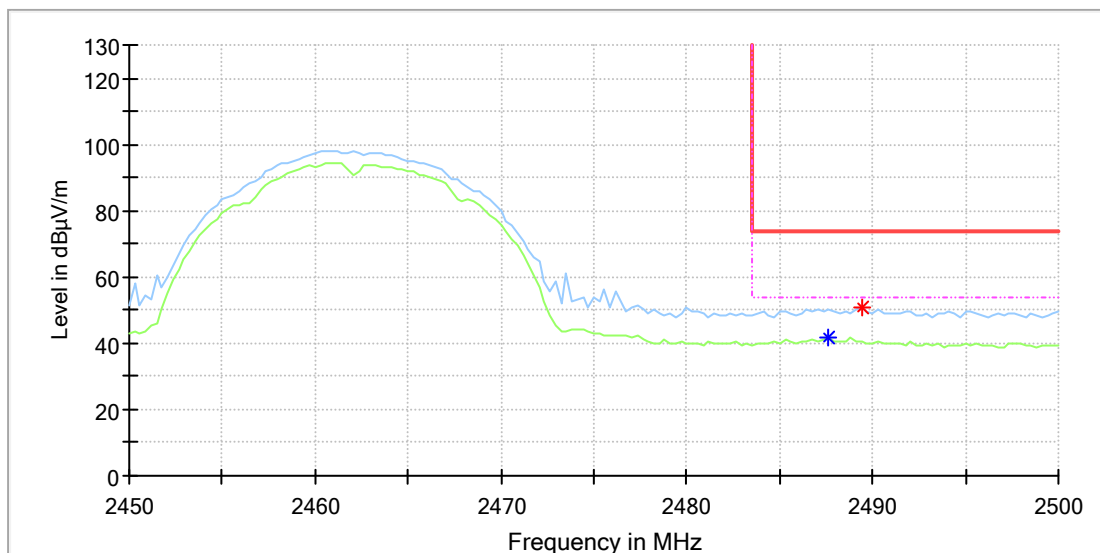
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7386.883333	---	34.64	54.00	19.36	150.0	V	85.0	8.2
7443.425000	43.33	---	74.00	30.67	150.0	V	348.0	8.5
12120.158333	48.95	---	74.00	25.05	150.0	V	170.0	14.3
12141.791667	---	40.13	54.00	13.87	150.0	V	264.0	14.4

Final_Result

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

EUT Information

EUT Name:	3D Scanner
Model:	EinScan Rigil
Test Mode:	WIFI 2.4G_11b_Ch11
Order No/Sample No:	168539933/A003931251-001
Test Voltage::	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

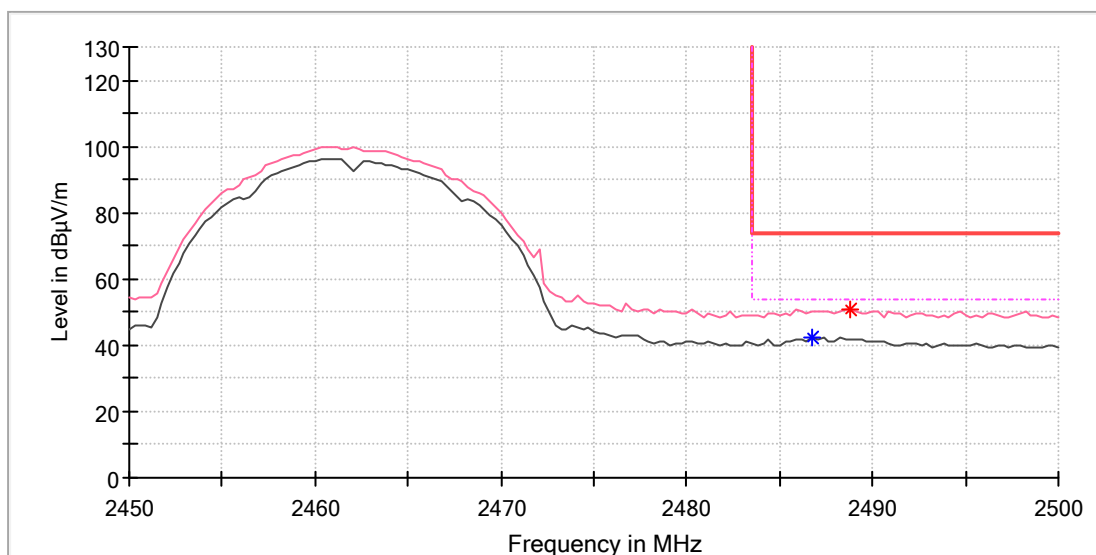
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2487.647059	---	41.61	54.00	12.39	150.0	H	118.0	7.4
2489.411765	50.55	---	74.00	23.45	150.0	H	118.0	7.4

Final_Result

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

EUT Information

EUT Name:	3D Scanner
Model:	EinScan Rigil
Test Mode:	WIFI 2.4G_11b_Ch11
Order No/Sample No:	168539933/A003931251-001
Test Voltage::	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

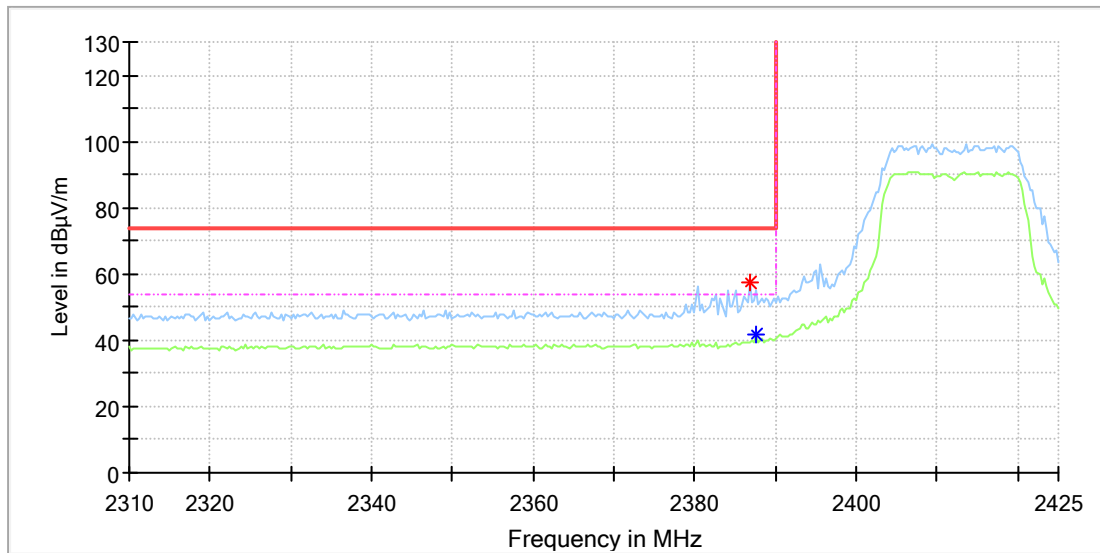
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2486.764706	---	42.15	54.00	11.86	150.0	V	0.0	7.4
2488.823529	50.97	---	74.00	23.03	150.0	V	261.0	7.4

Final_Result

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

EUT Information

EUT Name:	3D Scanner
Model:	EinScan Rigil
Test Mode:	WIFI 2.4G_11g_Ch1
Order No/Sample No:	168539933/A003931251-001
Test Voltage::	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

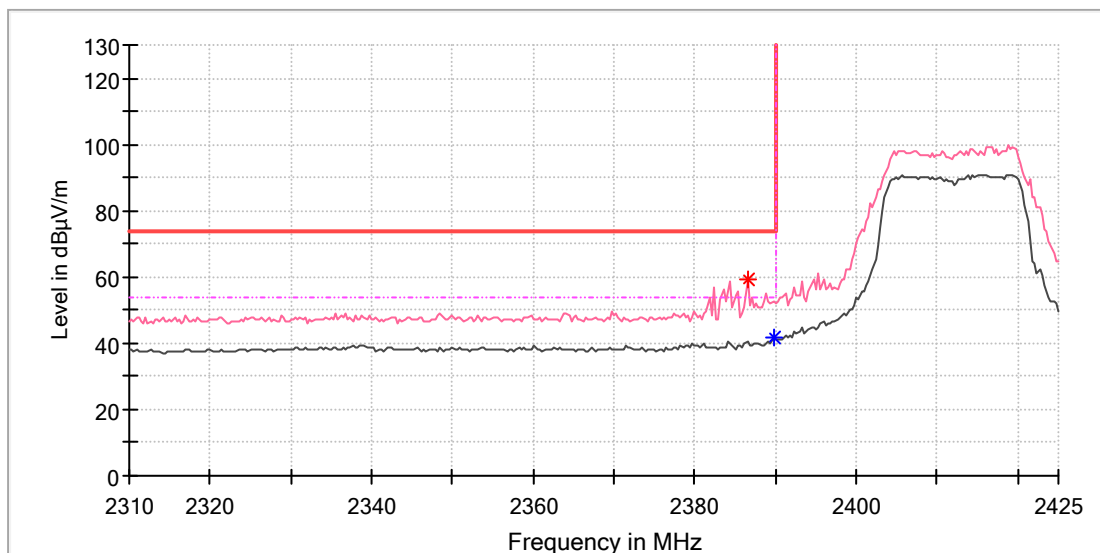
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2386.764706	57.30	---	74.00	16.70	150.0	H	158.0	7.0
2387.647059	---	41.82	54.00	12.18	150.0	H	111.0	7.0

Final_Result

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

EUT Information

EUT Name:	3D Scanner
Model:	EinScan Rigil
Test Mode:	WIFI 2.4G_11g_Ch1
Order No/Sample No:	168539933/A003931251-001
Test Voltage::	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

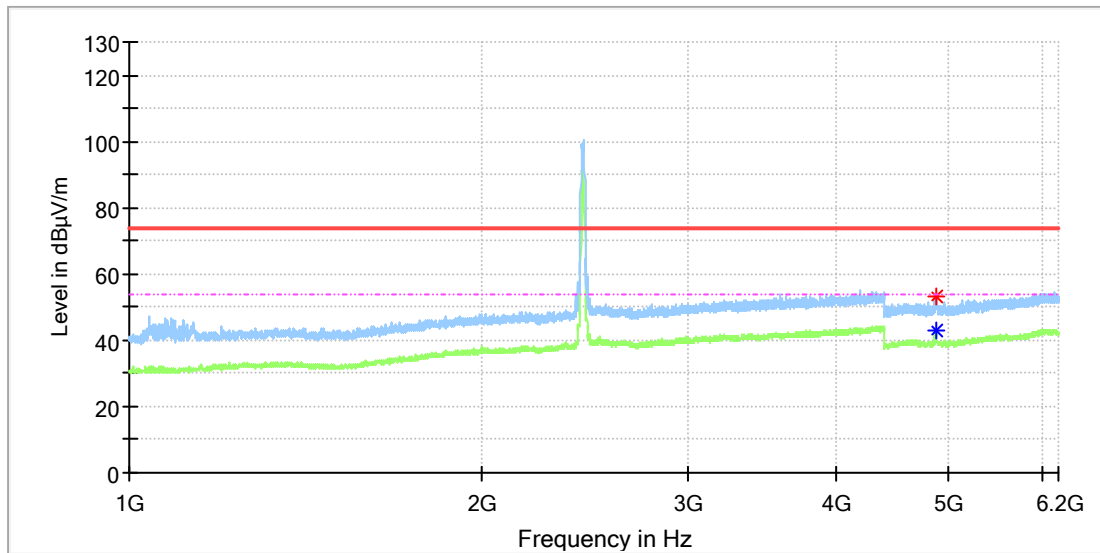
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2386.470588	59.20	---	74.00	14.80	150.0	V	106.0	7.0
2389.705882	---	41.74	54.00	12.26	150.0	V	119.0	7.0

Final_Result

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

EUT Information

EUT Name:	3D Scanner
Model:	EinScan Rigil
Test Mode:	WIFI 2.4G_11g_Ch6
Order No/Sample No:	168539933/A003931251-001
Test Voltage::	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

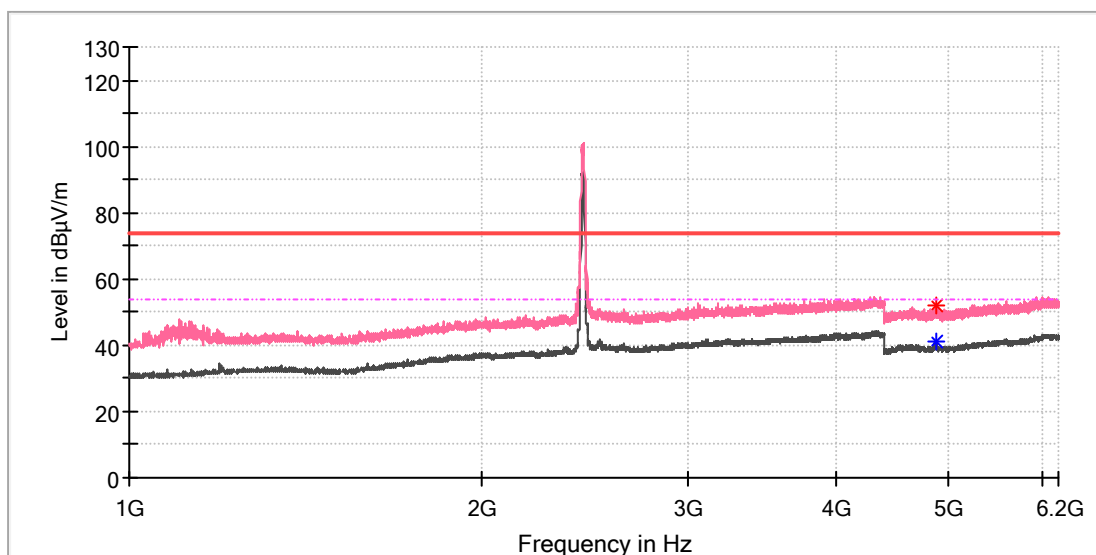
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4872.500000	53.48	---	74.00	20.52	150.0	H	0.0	11.8
4873.500000	---	43.07	54.00	10.93	150.0	H	172.0	11.8

Final_Result

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

EUT Information

EUT Name:	3D Scanner
Model:	EinScan Rigil
Test Mode:	WIFI 2.4G_11g_Ch6
Order No/Sample No:	168539933/A003931251-001
Test Voltage::	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

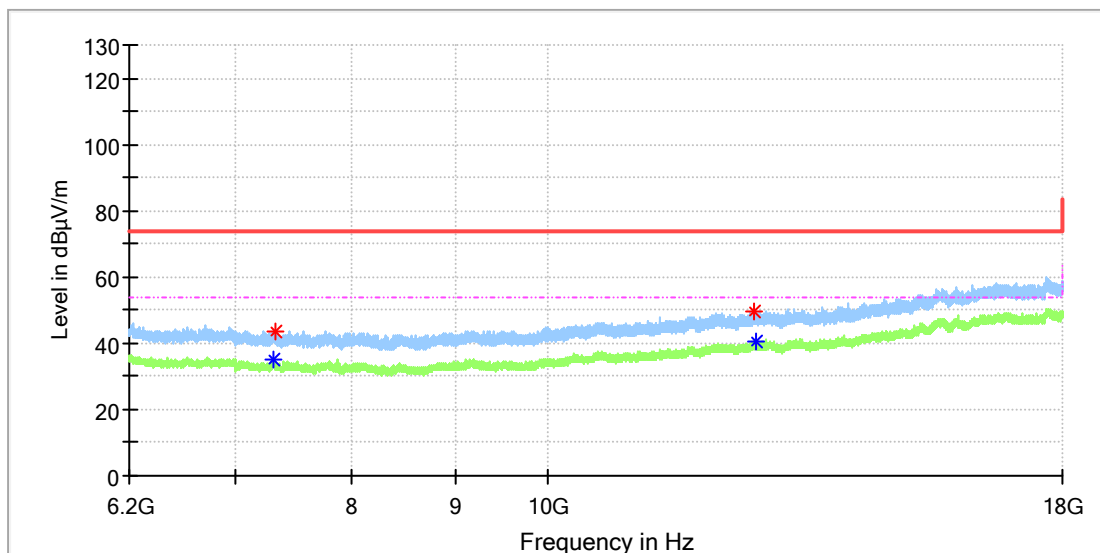
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4870.000000	---	41.15	54.00	12.85	150.0	V	18.0	11.8
4874.000000	52.15	---	74.00	21.85	150.0	V	6.0	11.8

Final_Result

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

EUT Information

EUT Name: 3D Scanner
Model: EinScan Rigil
Test Mode: WIFI 2.4G_11g_Ch6
Order No/Sample No: 168539933/A003931251-001
Test Voltage:: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

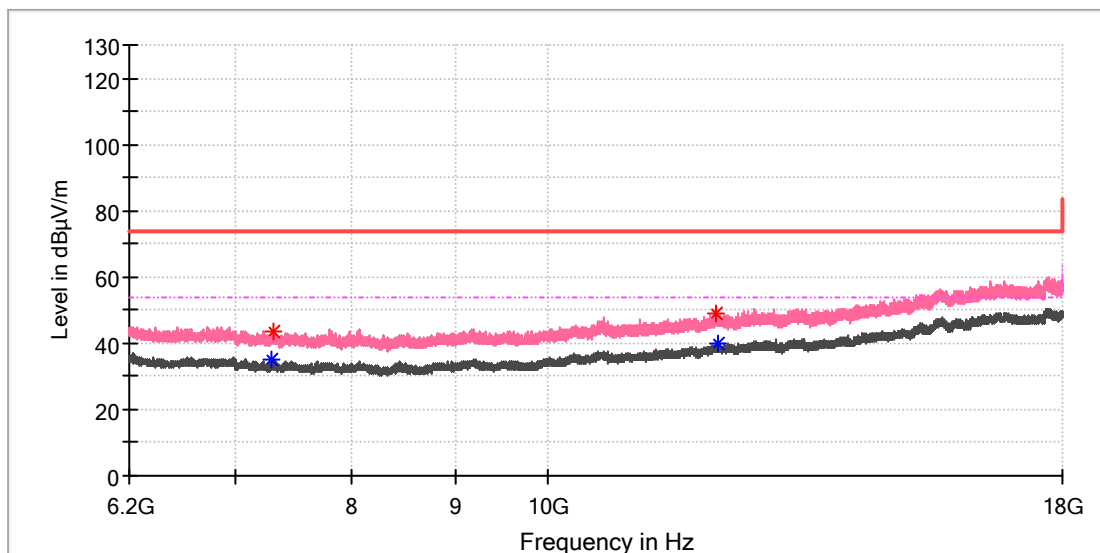
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7316.083333	---	35.06	54.00	18.94	150.0	H	208.0	8.2
7321.983333	43.24	---	74.00	30.76	150.0	H	359.0	8.2
12654.600000	49.84	---	74.00	24.16	150.0	H	359.0	15.0
12683.116667	---	40.50	54.00	13.50	150.0	H	352.0	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: 3D Scanner
Model: EinScan Rigil
Test Mode: WIFI 2.4G_11g_Ch6
Order No/Sample No: 168539933/A003931251-001
Test Voltage:: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

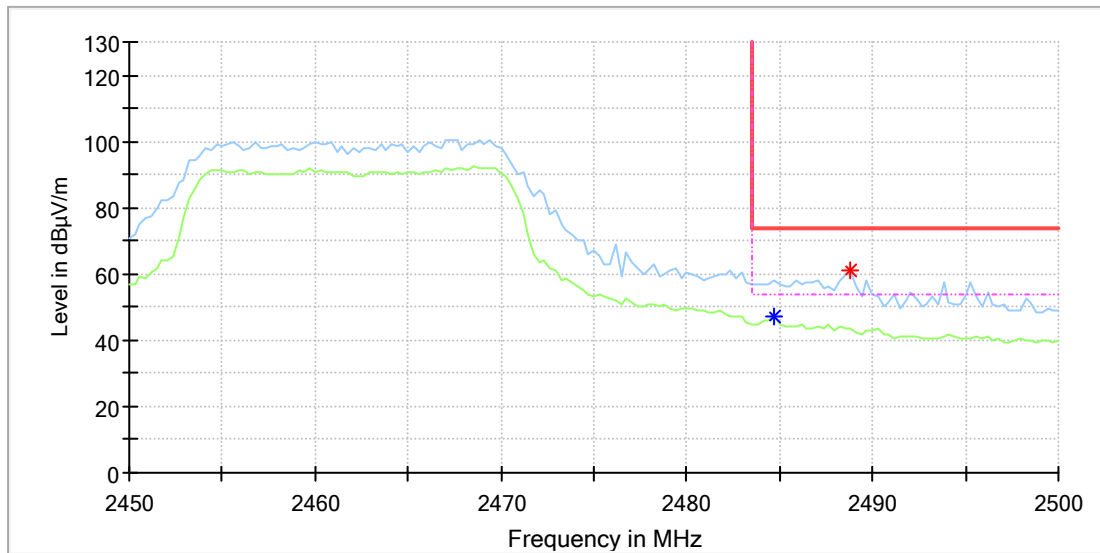
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7298.875000	---	35.10	54.00	18.90	150.0	V	0.0	8.3
7309.691667	43.39	---	74.00	30.61	150.0	V	342.0	8.2
12121.141667	48.75	---	74.00	25.25	150.0	V	277.0	14.3
12135.400000	---	39.84	54.00	14.16	150.0	V	107.0	14.3

Final_Result

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

EUT Information

EUT Name:	3D Scanner
Model:	EinScan Rigil
Test Mode:	WIFI 2.4G_11g_Ch11
Order No/Sample No:	168539933/A003931251-001
Test Voltage::	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

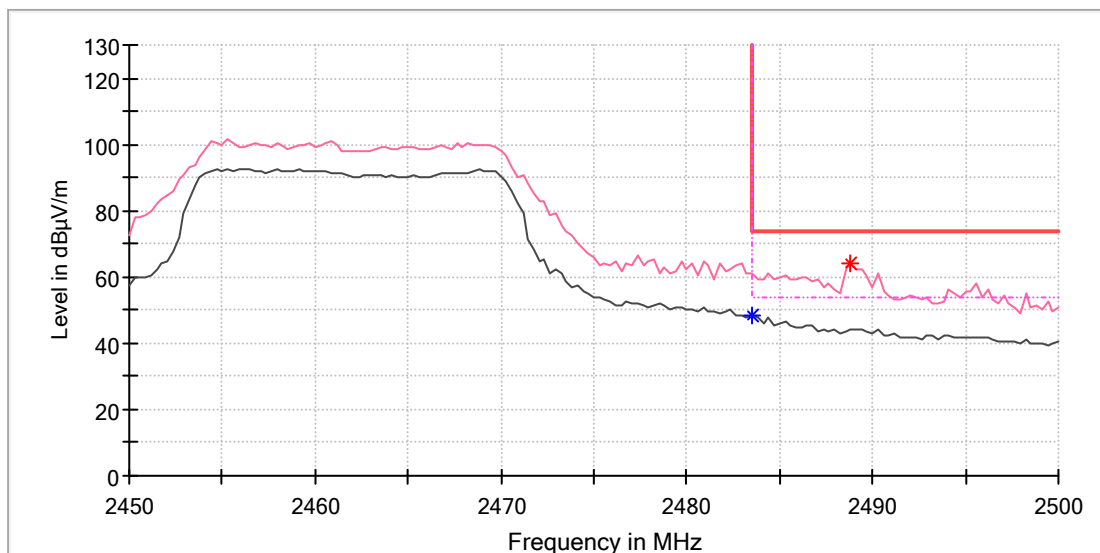
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2484.705882	---	47.19	54.00	6.81	150.0	H	126.0	7.4
2488.823529	60.94	---	74.00	13.06	150.0	H	119.0	7.4

Final_Result

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

EUT Information

EUT Name:	3D Scanner
Model:	EinScan Rigil
Test Mode:	WIFI 2.4G_11g_Ch11
Order No/Sample No:	168539933/A003931251-001
Test Voltage::	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

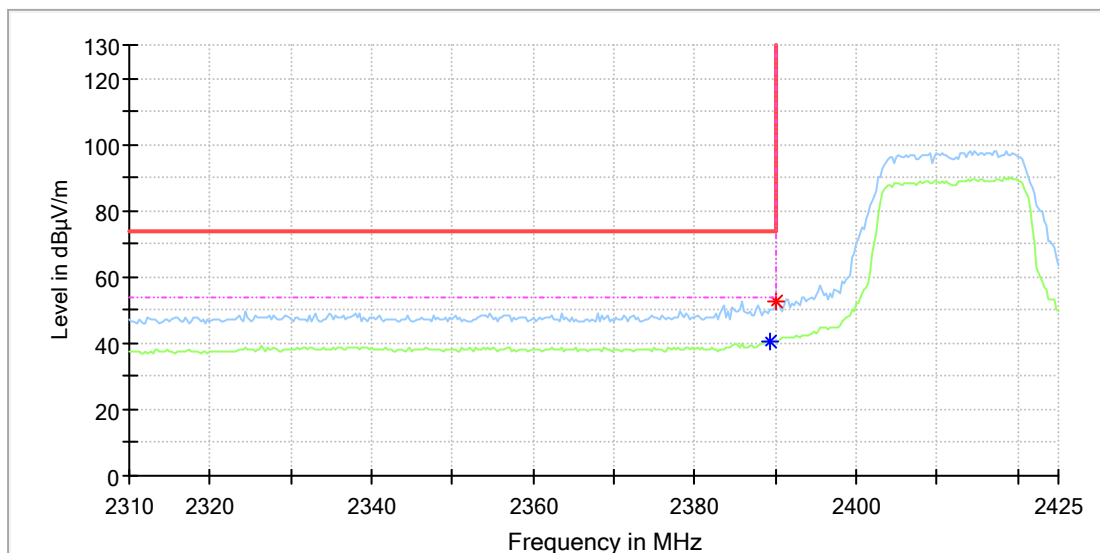
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.529412	---	48.13	54.00	5.87	150.0	V	101.0	7.4
2488.823529	63.86	---	74.00	10.14	150.0	V	128.0	7.4

Final_Result

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

EUT Information

EUT Name:	3D Scanner
Model:	EinScan Rigil
Test Mode:	WIFI 2.4G_11n20_Ch1
Order No/Sample No:	168539933/A003931251-001
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)
2389.411765	---	40.72	54.00	13.28	150.0	H	87.0	7.0
2390.000000	52.34	---	74.00	21.66	150.0	H	127.0	7.0

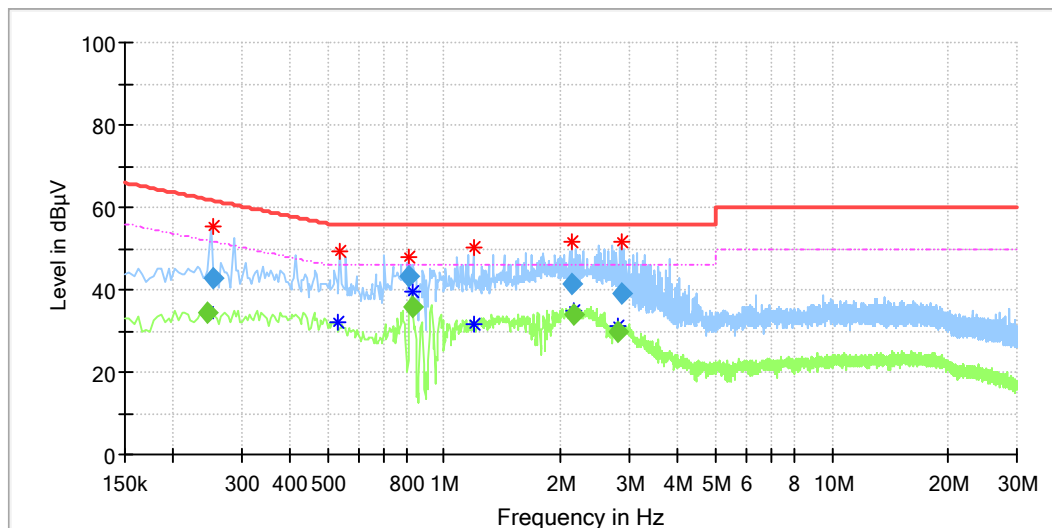
Final_Result

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

Appendix B.7: Test Results of Conducted emissions of AC mains

EUT Information

EUT Name: 3D Scanner
Order Number: 168539933(P01842524)
Model: EinScan Rigil
Test Mode: Normal working with 2.4G Wi-Fi Connecting Powered by Adapter
Test Voltage: AC 120V/ 60Hz
Test Standard: FCC Part 15C
Test By:/Review By: Solomon Wu / Shower Dai
Tem./Hum./Pressure: 24.9°C/50.4%/101kPa
Remark: SR2



Critical Freqs

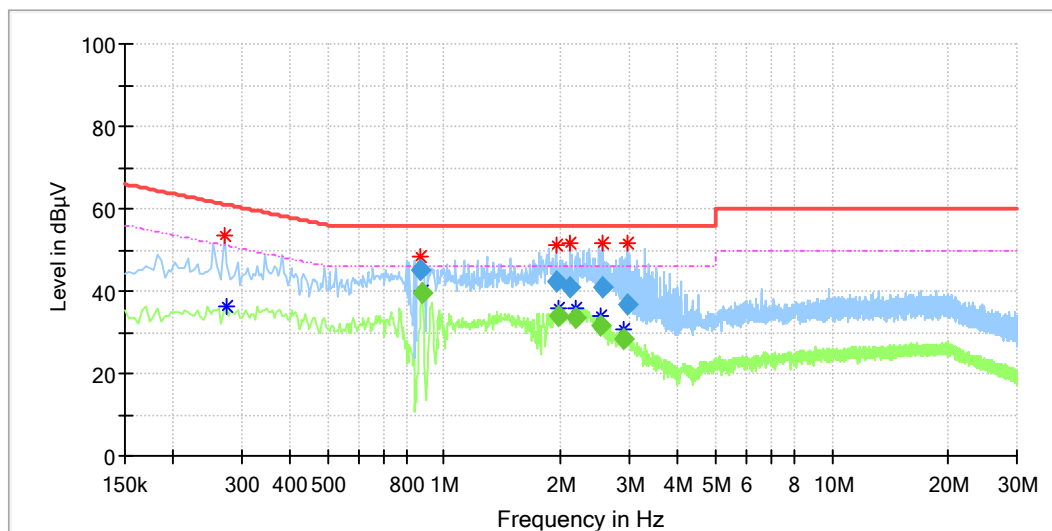
Frequency (MHz)	MaxPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)
0.245500	---	34.45	51.76	17.30	L1	9.8
0.254500	55.16	---	61.76	6.60	L1	9.8
0.530000	---	32.19	46.00	13.81	L1	9.9
0.538000	49.45	---	56.00	6.55	L1	9.9
0.809500	47.68	---	56.00	8.32	L1	9.9
0.829500	---	39.45	46.00	6.55	L1	9.9
1.190000	50.27	---	56.00	5.73	L1	10.0
1.194000	---	31.63	46.00	14.37	L1	10.0
2.137500	51.50	---	56.00	4.50	L1	10.1
2.169500	---	34.92	46.00	11.08	L1	10.1
2.806500	---	31.36	46.00	14.64	L1	10.1
2.862500	51.81	---	56.00	4.19	L1	10.1

Final Result

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.245500	---	34.23	51.91	17.68	1000.0	9.000	L1	9.8
0.254500	42.90	---	61.61	18.70	1000.0	9.000	L1	9.8
0.809500	43.35	---	56.00	12.65	1000.0	9.000	L1	9.9
0.829500	---	35.96	46.00	10.04	1000.0	9.000	L1	9.9
2.137500	41.35	---	56.00	14.65	1000.0	9.000	L1	10.1
2.169500	---	33.81	46.00	12.19	1000.0	9.000	L1	10.1
2.806500	---	29.73	46.00	16.27	1000.0	9.000	L1	10.1
2.862500	39.19	---	56.00	16.81	1000.0	9.000	L1	10.1

EUT Information

EUT Name: 3D Scanner
Order Number: 168539933(P01842524)
Model: EinScan Rigil
Test Mode: Normal working with 2.4G Wi-Fi Connecting Powered by Adapter
Test Voltage: AC 120V/ 60Hz
Test Standard: FCC Part 15C
Test By:/Review By: Soloman Wu / Shower Dai
Tem./Hum./Pressure: 24.9°C/50.4%/101kPa
Remark: SR2



Critical_Freqs

Frequency (MHz)	MaxPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)
0.270000	53.52	---	61.12	7.60	N	9.7
0.274000	---	36.22	51.00	14.78	N	9.7
0.865500	48.48	---	56.00	7.52	N	9.7
0.873500	---	40.22	46.00	5.78	N	9.7
1.937500	51.32	---	56.00	4.68	N	9.8
1.961500	---	35.77	46.00	10.23	N	9.8
2.105500	51.81	---	56.00	4.19	N	9.8
2.189500	---	35.76	46.00	10.24	N	9.8
2.529500	---	33.73	46.00	12.27	N	9.8
2.549500	51.46	---	56.00	4.54	N	9.8
2.886500	---	30.82	46.00	15.18	N	9.8
2.957500	51.49	---	56.00	4.51	N	9.8

Final_Result

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.865500	45.33	---	56.00	10.67	1000.0	9.000	N	9.7
0.873500	---	39.41	46.00	6.59	1000.0	9.000	N	9.7
1.937500	42.35	---	56.00	13.65	1000.0	9.000	N	9.8
1.961500	---	34.05	46.00	11.95	1000.0	9.000	N	9.8
2.105500	41.01	---	56.00	14.99	1000.0	9.000	N	9.8
2.189500	---	33.69	46.00	12.31	1000.0	9.000	N	9.8
2.529500	---	31.64	46.00	14.36	1000.0	9.000	N	9.8
2.549500	40.82	---	56.00	15.18	1000.0	9.000	N	9.8
2.886500	---	28.44	46.00	17.56	1000.0	9.000	N	9.8
2.957500	36.63	---	56.00	19.37	1000.0	9.000	N	9.8