

Appendix A: Test Results of 5GHz Wi-Fi

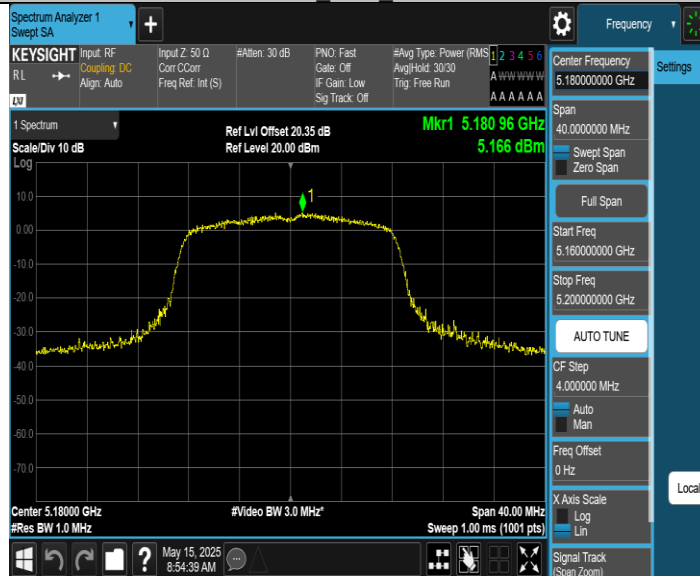
APPENDIX A: TEST RESULTS OF 5GHZ WI-FI.....	1
APPENDIX A.1: TEST RESULTS OF CONDUCTED POWER SPECTRAL DENSITY.....	2
APPENDIX A.2: TEST RESULTS OF RADIATED SPURIOUS EMISSIONS	6
30MHz - 1GHz (Worst case)	6
Above 1GHz	8
Co-location Mode (Wi-Fi+NFC)	24
APPENDIX A.3: TEST RESULTS OF RADIATED EMISSIONS IN EDGE BANDS.....	25
APPENDIX A.4: TEST RESULTS OF CONDUCTED EMISSION ON AC MAINS.....	49

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

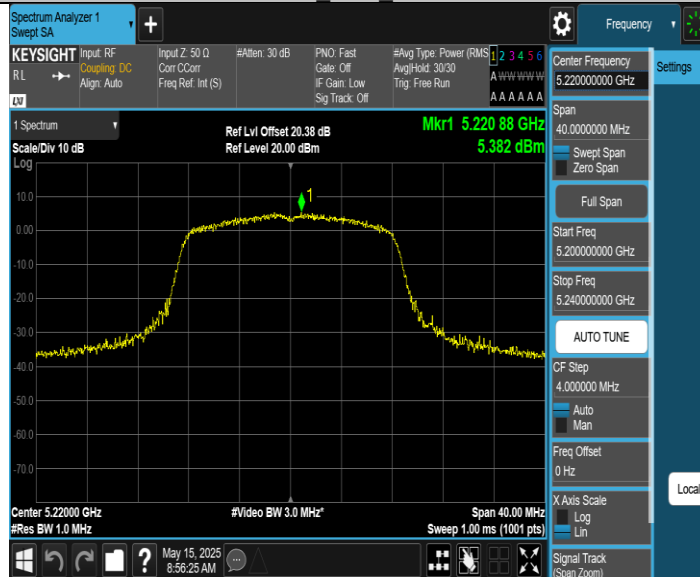
5.2GHz Wi-Fi:

TestMode	Antenna	Channel	Conducted [dBm/MHz]	EIRP [dBm/MHz]	FCC Limit Conducted Power [dBm/MHz]	ISED Limit EIRP [dBm/MHz]	Verdict
11A	Ant1	5180	5.17	9.66	≤11.00	≤10.00	PASS
		5220	5.38	9.87	≤11.00	≤10.00	PASS
		5240	4.88	9.37	≤11.00	≤10.00	PASS
11N20SISO	Ant1	5180	4.82	9.31	≤11.00	≤10.00	PASS
		5220	5.20	9.69	≤11.00	≤10.00	PASS
		5240	4.76	9.25	≤11.00	≤10.00	PASS
11N40SISO	Ant1	5190	2.86	7.35	≤11.00	≤10.00	PASS
		5230	1.91	6.40	≤11.00	≤10.00	PASS

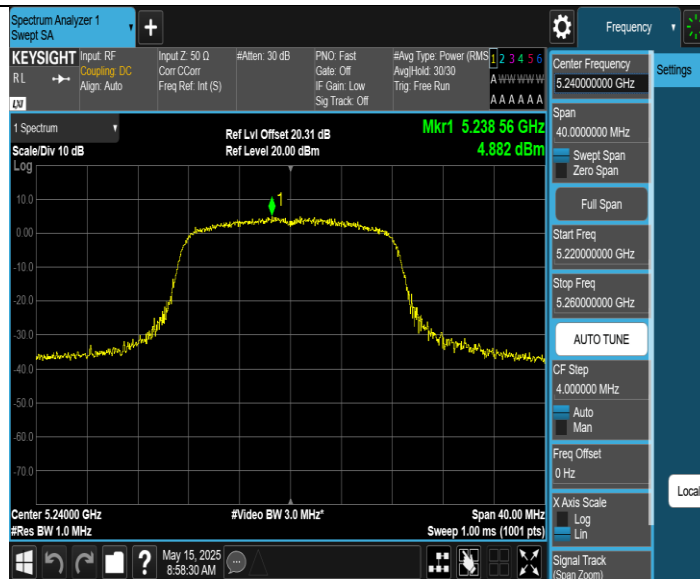
11A_Ant1_5180



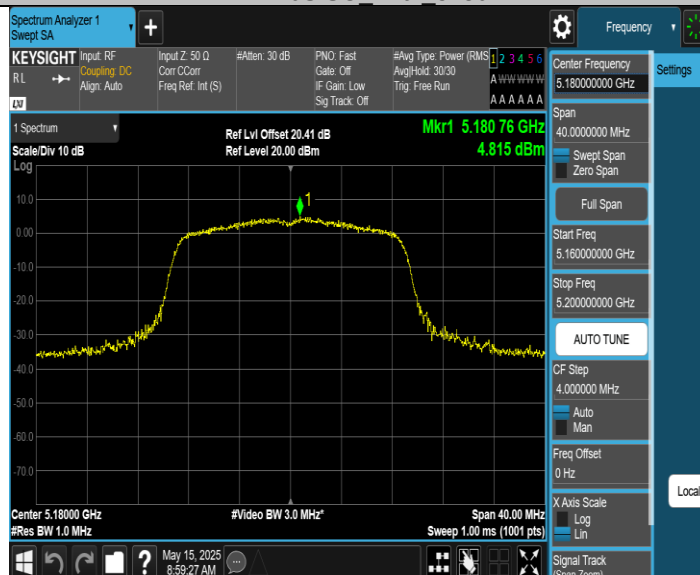
11A_Ant1_5220



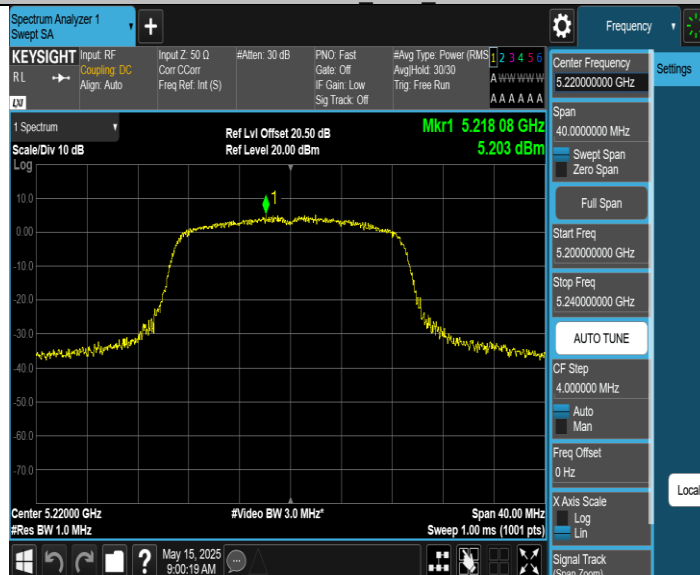
11A_Ant1_5240



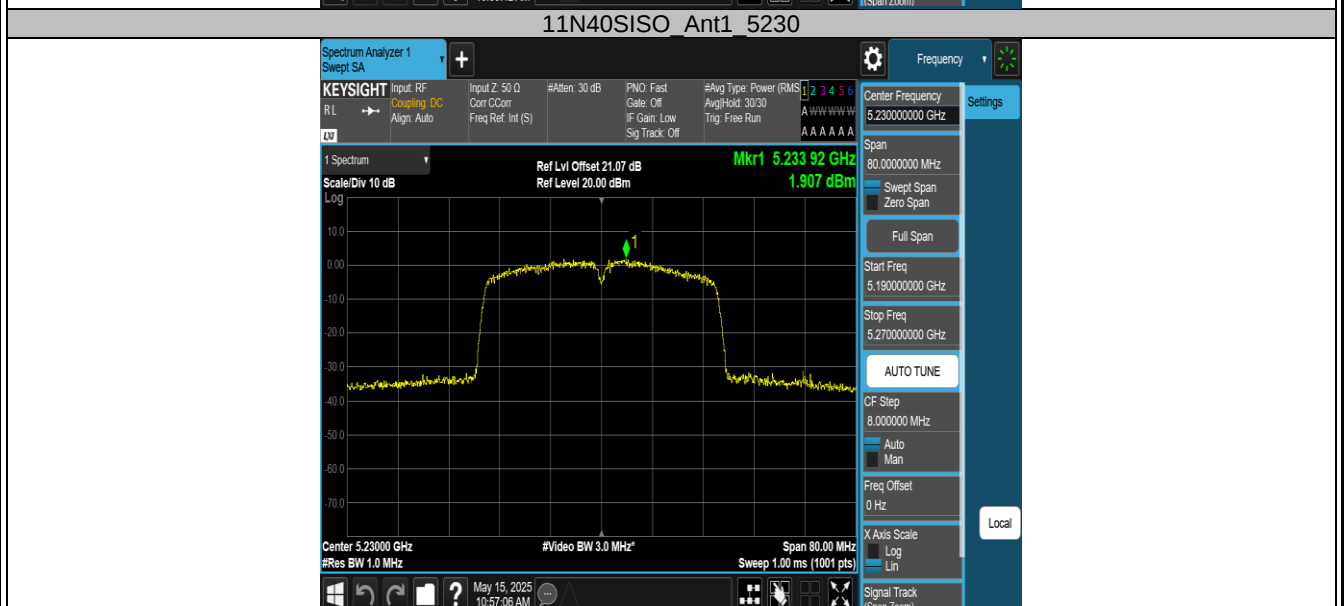
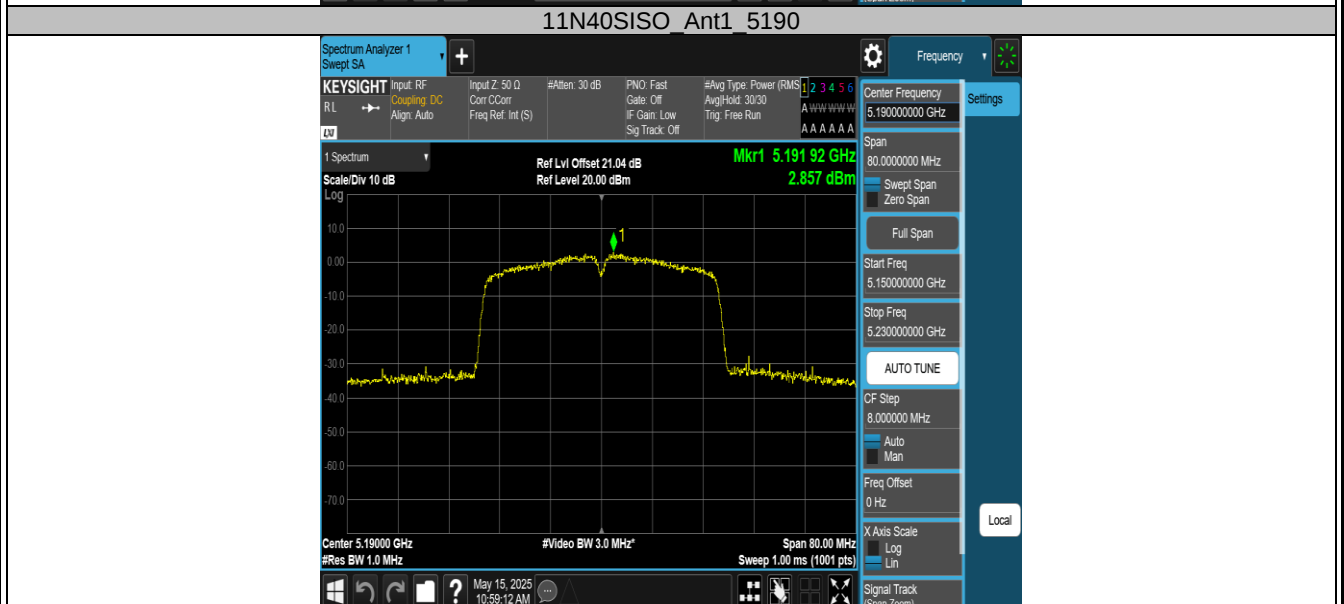
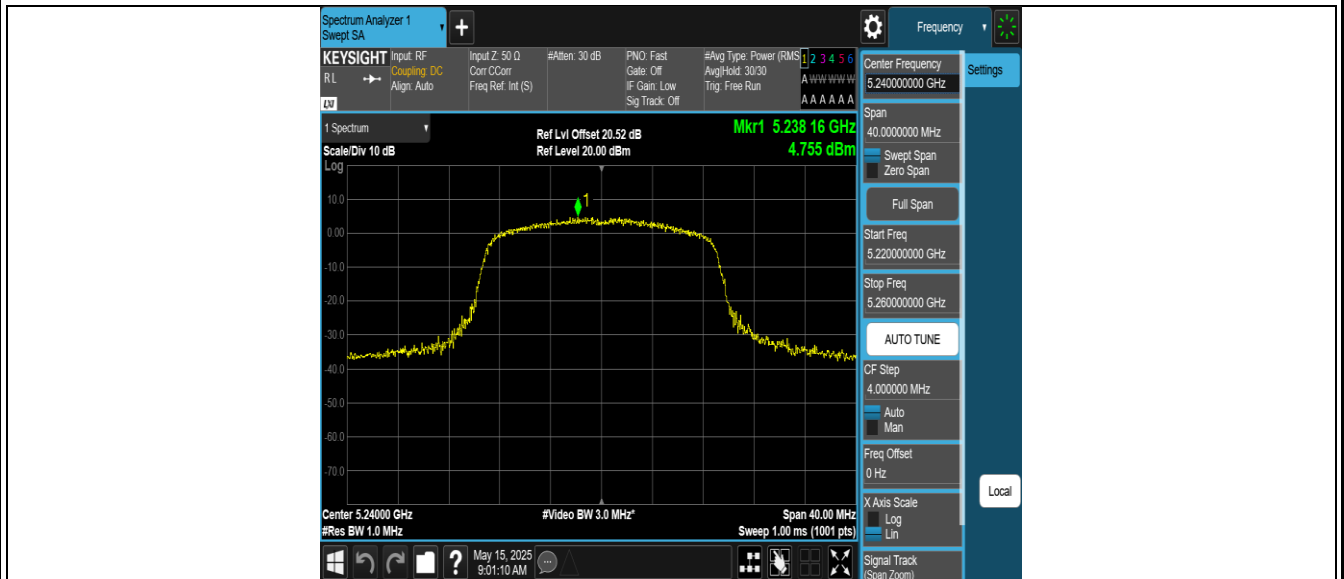
11N20SISO Ant1 5180



11N20SISO Ant1 5220



11N20SISO Ant1 5240



Appendix A.2: Test Results of Radiated Spurious Emissions

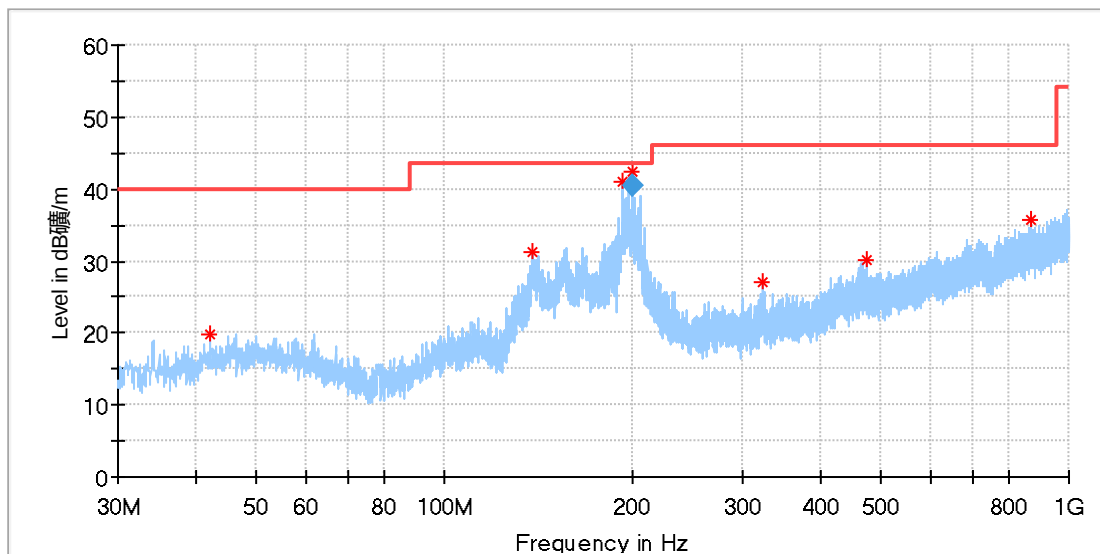
Note:

- 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 - 40GHz 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:	3D Printer
Model:	AccuFab-F1
Test Mode:	WIFI 5G_11a_Ch44
Order No/Sample No:	168512050/A003859216-001
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

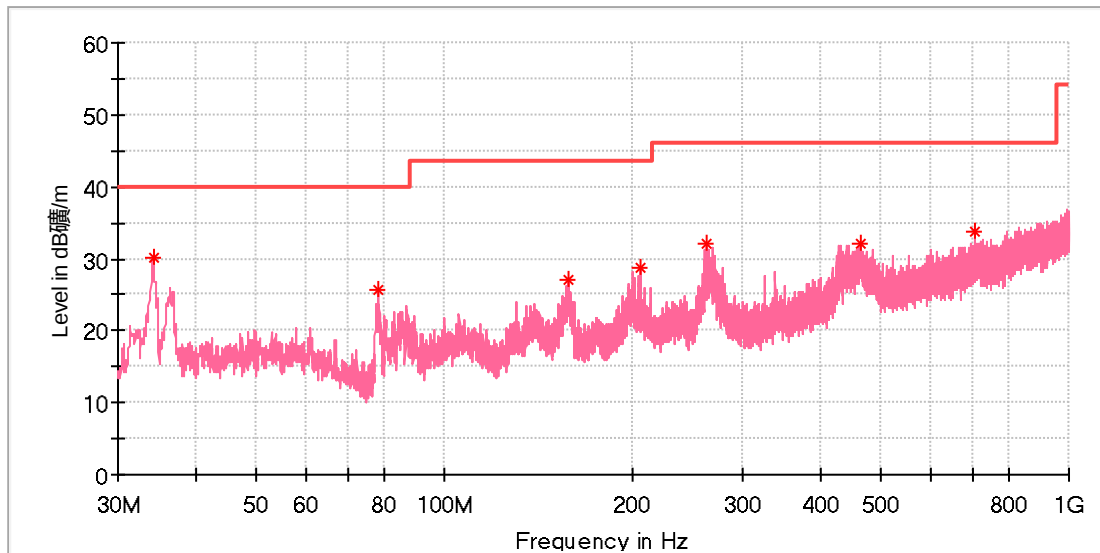
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
42.125000	19.86	40.00	20.14	100.0	H	290.0	-19.6
138.304231	31.18	43.50	12.32	100.0	H	25.0	-22.3
192.437692	41.09	43.50	2.41	100.0	H	7.0	-19.5
199.488846	42.53	43.50	0.97	100.0	H	7.0	-19.1
322.641539	27.11	46.00	18.89	100.0	H	165.0	-15.6
472.954231	30.05	46.00	15.95	100.0	H	132.0	-12.3
867.371154	35.68	46.00	10.32	100.0	H	93.0	-5.2

Final_Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
199.526885	40.36	43.50	3.14	105.0	H	5.0	-19.1

EUT Information

EUT Name: 3D Printer
Model: AccuFab-F1
Test Mode: WIFI 5G_11a_Ch44
Order No/Sample No: 168512050/A003859216-001
Test Voltage:: 120V/60Hz
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
34.178462	30.16	40.00	9.84	100.0	V	332.0	-22.3
78.238846	25.64	40.00	14.36	100.0	V	317.0	-23.5
158.040000	27.14	43.50	16.36	100.0	V	154.0	-21.9
206.465385	28.68	43.50	14.82	100.0	V	356.0	-19.0
263.658077	32.14	46.00	13.86	100.0	V	341.0	-17.1
462.396154	32.21	46.00	13.79	100.0	V	0.0	-12.5
707.395769	33.80	46.00	12.20	100.0	V	163.0	-7.8

Final_Result

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

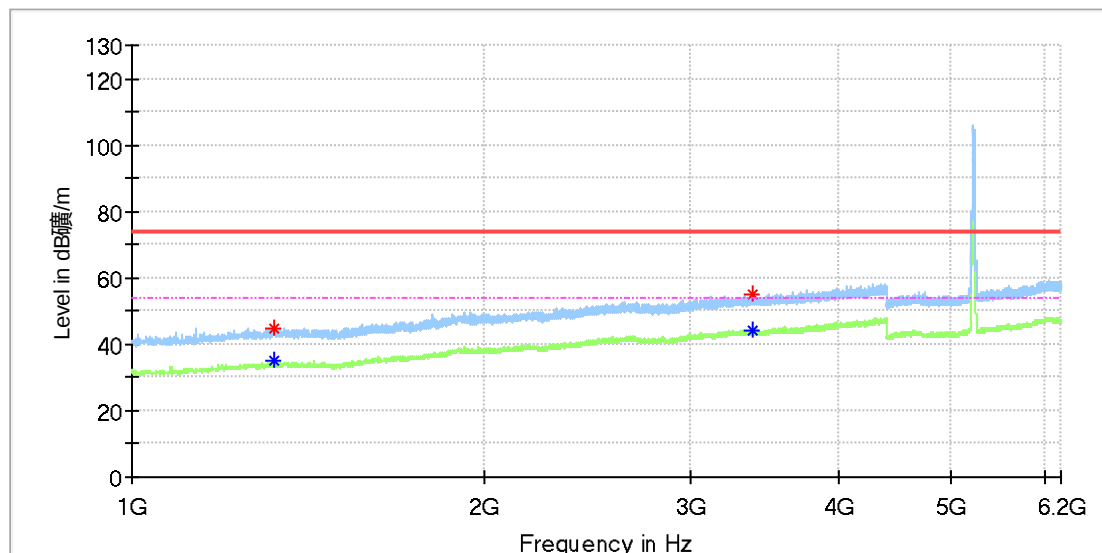
Above 1GHz

Note: The highest waveform in the figure is 5GHz Wi-Fi Fundamental.

Band U-NII-1:

EUT Information

EUT Name:	3D Printer
Model:	AccuFab-F1
Test Mode:	WIFI 5G_11a_Ch44
Order No/Sample No:	168512050/A003859216-001
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

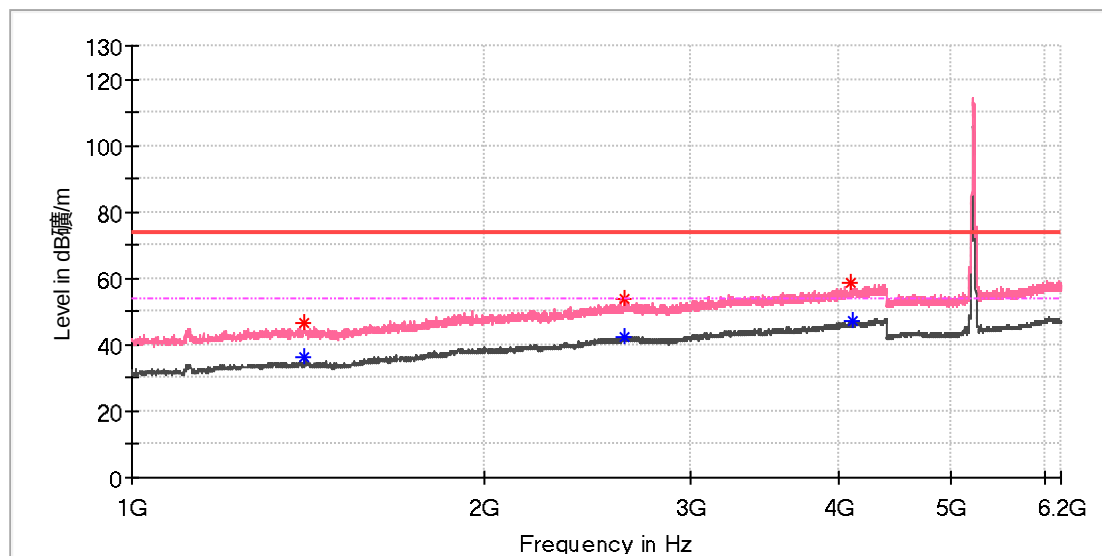
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1320.000000	---	34.81	54.00	19.19	150.0	H	215.0	2.9
1321.000000	44.69	---	74.00	29.31	150.0	H	222.0	2.9
3384.500000	54.95	---	74.00	19.05	150.0	H	164.0	11.1
3388.500000	---	44.36	54.00	9.64	150.0	H	257.0	11.1

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 Printer
Model: AccuFab-F1
Test Mode: WIFI 5G_11a_Ch44
Order No/Sample No: 168512050/A003859216-001
Test Voltage:: 120V/60Hz
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

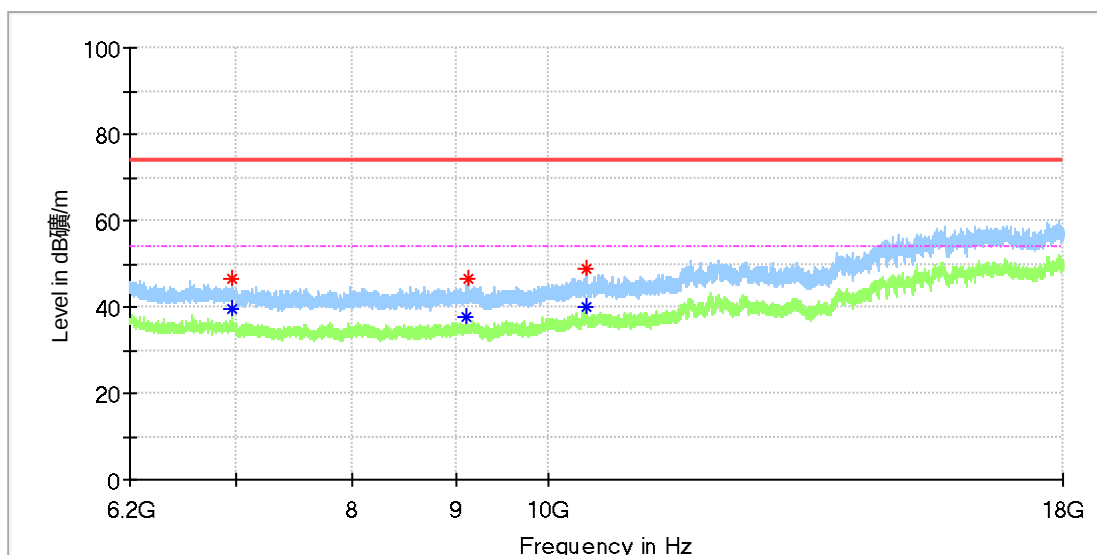
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1401.500000	46.49	---	74.00	27.51	150.0	V	0.0	3.0
1401.500000	---	36.06	54.00	17.94	150.0	V	0.0	3.0
2627.500000	---	42.43	54.00	11.57	150.0	V	214.0	9.9
2633.500000	53.92	---	74.00	20.08	150.0	V	57.0	10.0
4105.000000	58.94	---	74.00	15.06	150.0	V	189.0	13.3
4111.500000	---	47.04	54.00	6.96	150.0	V	0.0	13.3

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 Printer
Model: AccuFab-F1
Test Mode: WIFI 5G_11a_Ch44
Order No/Sample No: 168512050/A003859216-001
Test Voltage:: 120V/60Hz
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

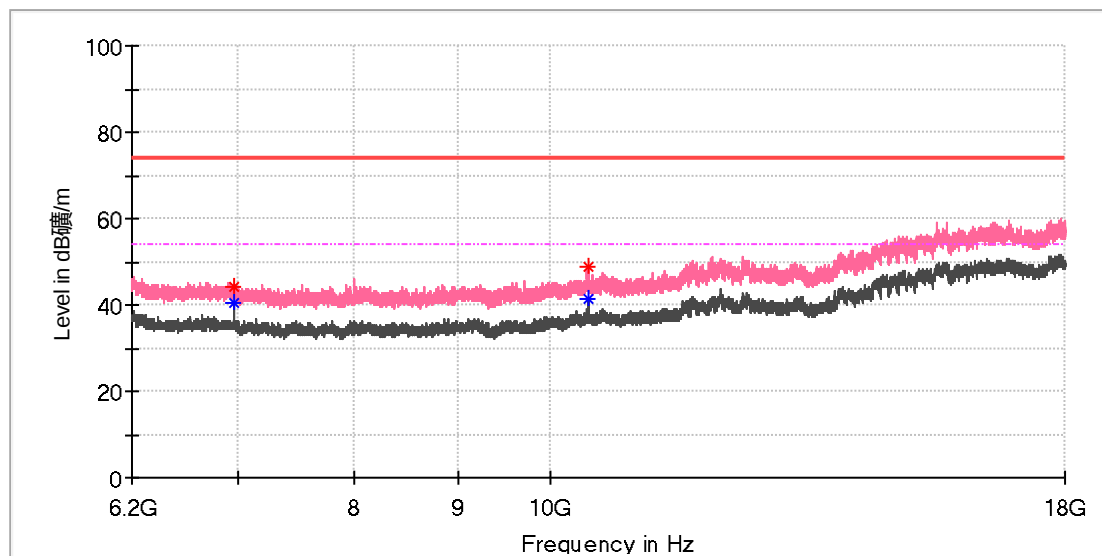
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
6960.116667	---	39.65	54.00	14.35	150.0	H	149.0	8.6
6961.591667	46.29	---	74.00	27.71	150.0	H	100.0	8.6
9102.800000	---	37.57	54.00	16.43	150.0	H	149.0	10.0
9117.550000	46.30	---	74.00	27.70	150.0	H	149.0	10.2
10434.725000	48.83	---	74.00	25.17	150.0	H	210.0	11.9
10442.100000	---	40.00	54.00	14.00	150.0	H	233.0	11.9

Final_Result

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

EUT Information

EUT Name: 3D Printer
Model: AccuFab-F1
Test Mode: WIFI 5G_11a_Ch44
Order No/Sample No: 168512050/A003859216-001
Test Voltage:: 120V/60Hz
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

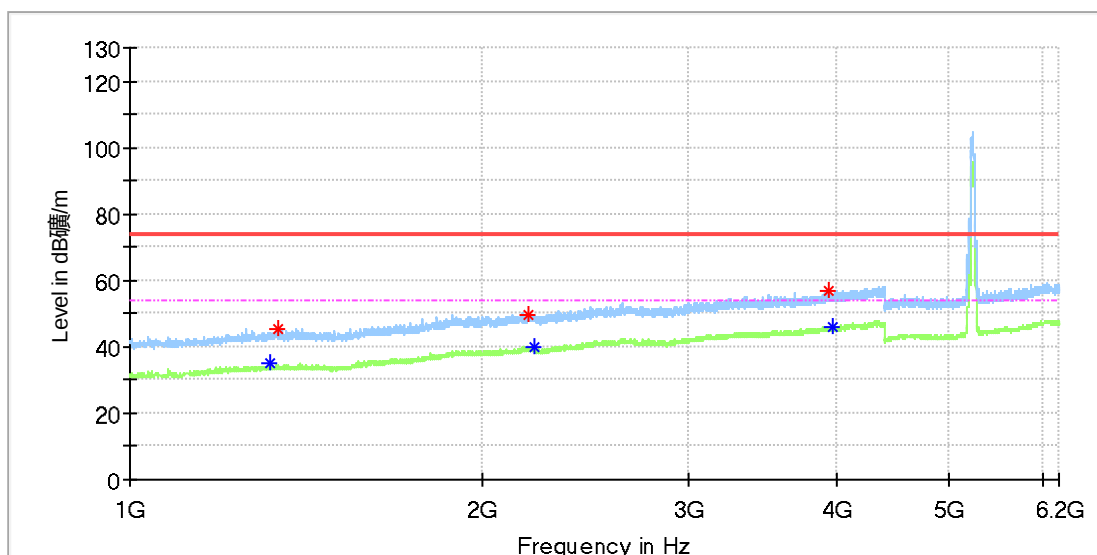
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
6959.625000	---	40.54	54.00	13.46	150.0	V	135.0	8.6
6960.116667	44.03	---	74.00	29.97	150.0	V	147.0	8.6
10434.725000	48.78	---	74.00	25.22	150.0	V	179.0	11.9
10435.708333	---	41.52	54.00	12.48	150.0	V	158.0	11.9

Final_Result

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

EUT Information

EUT Name: 3D Printer
Model: AccuFab-F1
Test Mode: WIFI 5G_11n40_Ch46
Order No/Sample No: 168512050/A003859216-001
Test Voltage:: 120V/60Hz
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

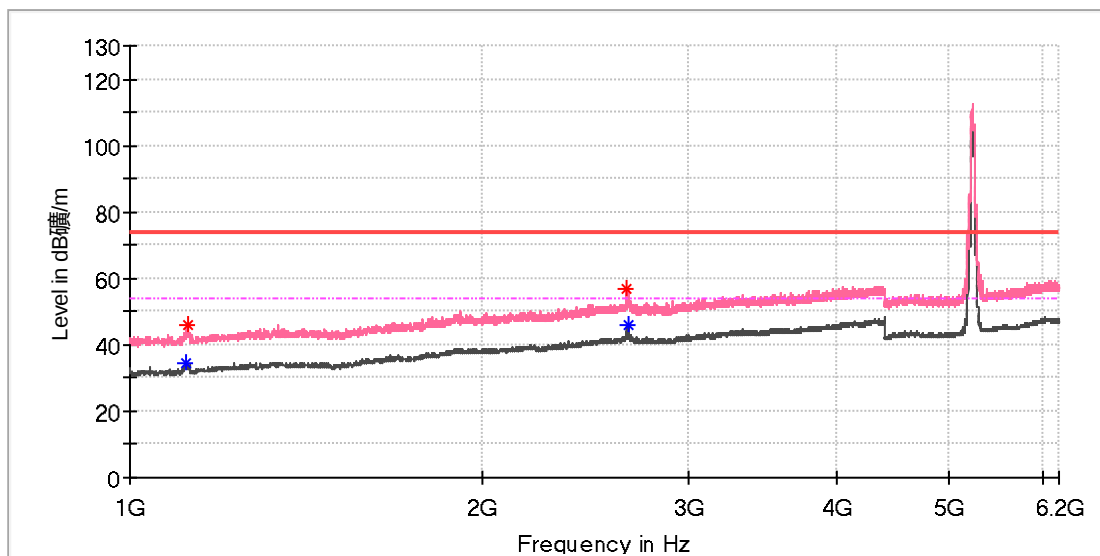
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1315.000000	---	34.77	54.00	19.23	150.0	H	185.0	2.9
1338.500000	45.62	---	74.00	28.38	150.0	H	197.0	3.0
2187.500000	49.34	---	74.00	24.66	150.0	H	232.0	7.8
2209.500000	---	39.89	54.00	14.11	150.0	H	15.0	7.8
3941.500000	56.91	---	74.00	17.09	150.0	H	92.0	12.8
3975.000000	---	46.22	54.00	7.78	150.0	H	29.0	12.9

Final_Result

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

EUT Information

EUT Name: 3D Printer
Model: AccuFab-F1
Test Mode: WIFI 5G_11n40_Ch46
Order No/Sample No: 168512050/A003859216-001
Test Voltage:: 120V/60Hz
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

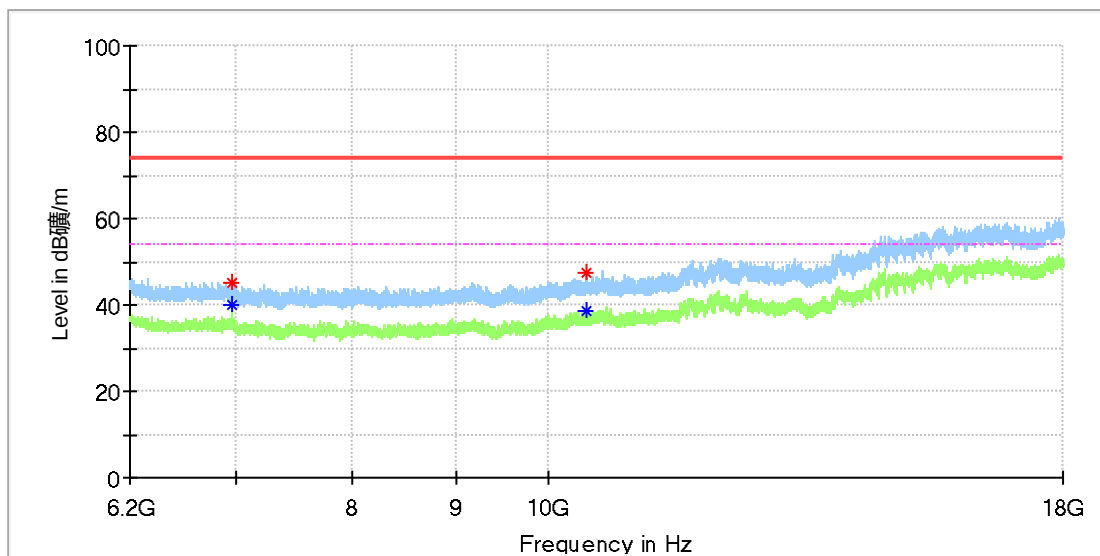
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1117.000000	---	34.30	54.00	19.70	150.0	V	292.0	0.8
1121.500000	45.69	---	74.00	28.31	150.0	V	298.0	0.9
2656.000000	56.97	---	74.00	17.03	150.0	V	260.0	10.2
2657.000000	---	45.92	54.00	8.08	150.0	V	260.0	10.2

Final_Result

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

EUT Information

EUT Name:	3D Printer
Model:	AccuFab-F1
Test Mode:	WIFI 5G_11n40_Ch46
Order No/Sample No:	168512050/A003859216-001
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

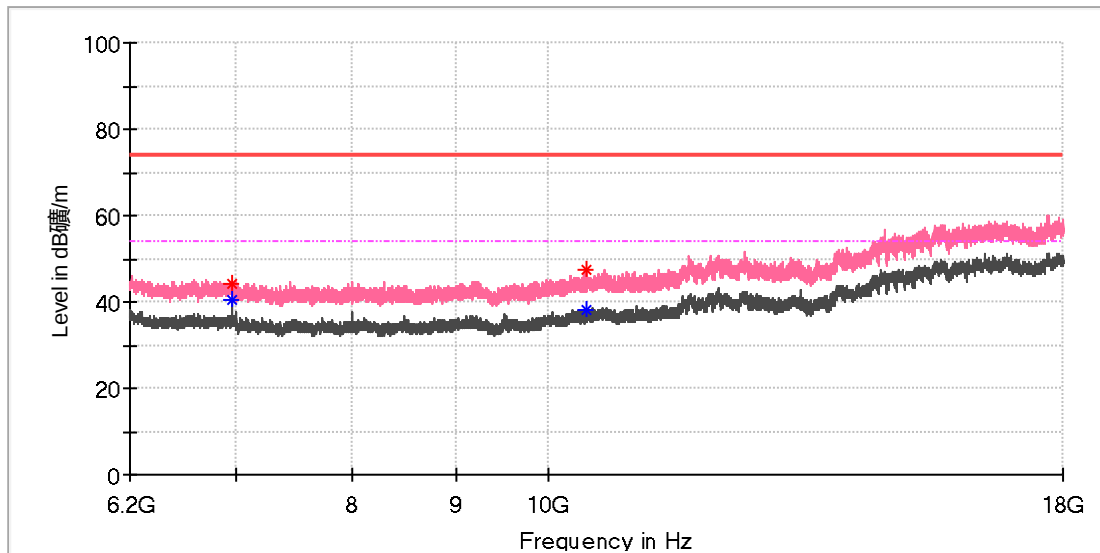
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
6972.900000	45.33	---	74.00	28.67	150.0	H	154.0	8.6
6972.900000	---	39.95	54.00	14.05	150.0	H	154.0	8.6
10450.458333	47.49	---	74.00	26.51	150.0	H	235.0	12.0
10451.441667	---	38.67	54.00	15.33	150.0	H	223.0	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: 3D Printer
Model: AccuFab-F1
Test Mode: WIFI 5G_11n40_Ch46
Order No/Sample No: 168512050/A003859216-001
Test Voltage:: 120V/60Hz
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.407
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)
6972.900000	44.30	---	74.00	29.70	150.0	V	203.0	8.6
6973.391667	---	40.66	54.00	13.34	150.0	V	203.0	8.6
10453.408333	47.30	---	74.00	26.70	150.0	V	0.0	12.0
10454.883333	---	38.13	54.00	15.87	150.0	V	325.0	12.0

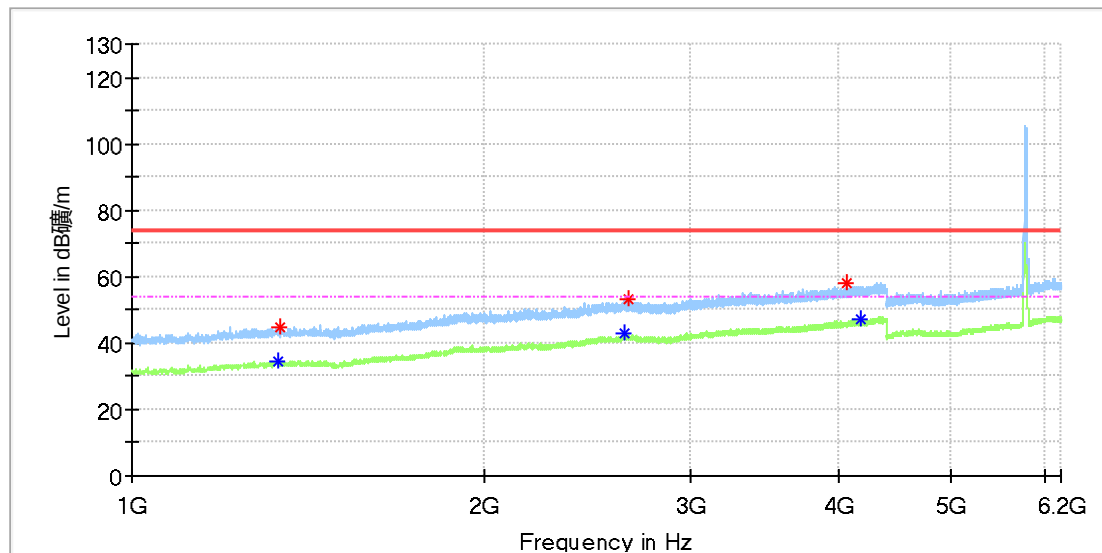
Final_Result

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

Band U-NII-3:

EUT Information

EUT Name:	3D Printer
Model:	AccuFab-F1
Test Mode:	WIFI 5G_11a_Ch157
Order No/Sample No:	168512050/A003859216-001
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

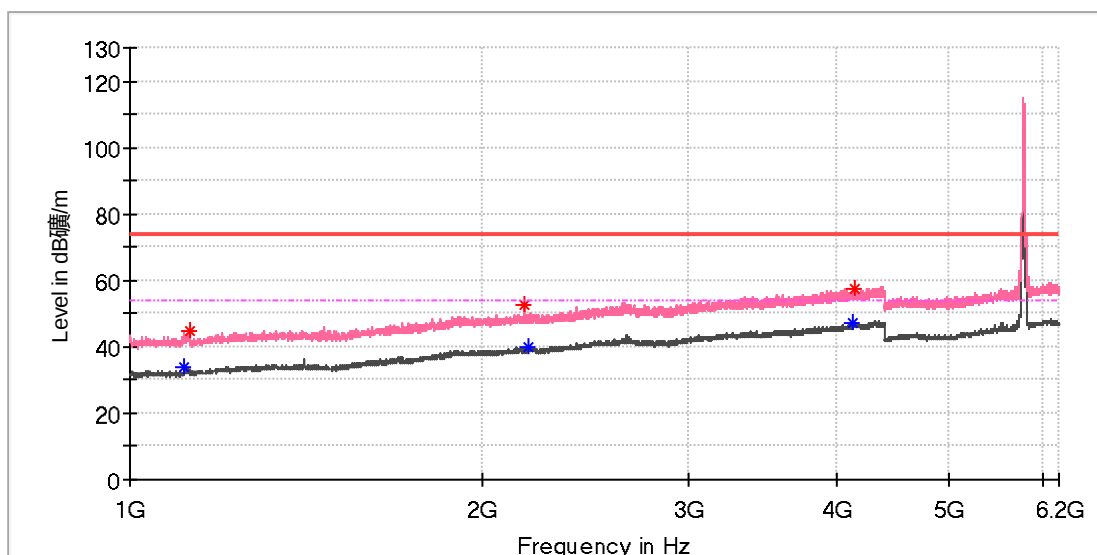
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1332.000000	---	34.25	54.00	19.75	150.0	H	359.0	3.0
1336.500000	44.67	---	74.00	29.33	150.0	H	241.0	3.0
2628.500000	---	42.77	54.00	11.23	150.0	H	329.0	9.9
2651.500000	53.39	---	74.00	20.61	150.0	H	225.0	10.2
4066.500000	57.76	---	74.00	16.24	150.0	H	323.0	13.2
4186.000000	---	47.10	54.00	6.90	150.0	H	337.0	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: 3D Printer
Model: AccuFab-F1
Test Mode: WIFI 5G_11a_Ch157
Order No/Sample No: 168512050/A003859216-001
Test Voltage:: 120V/60Hz
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

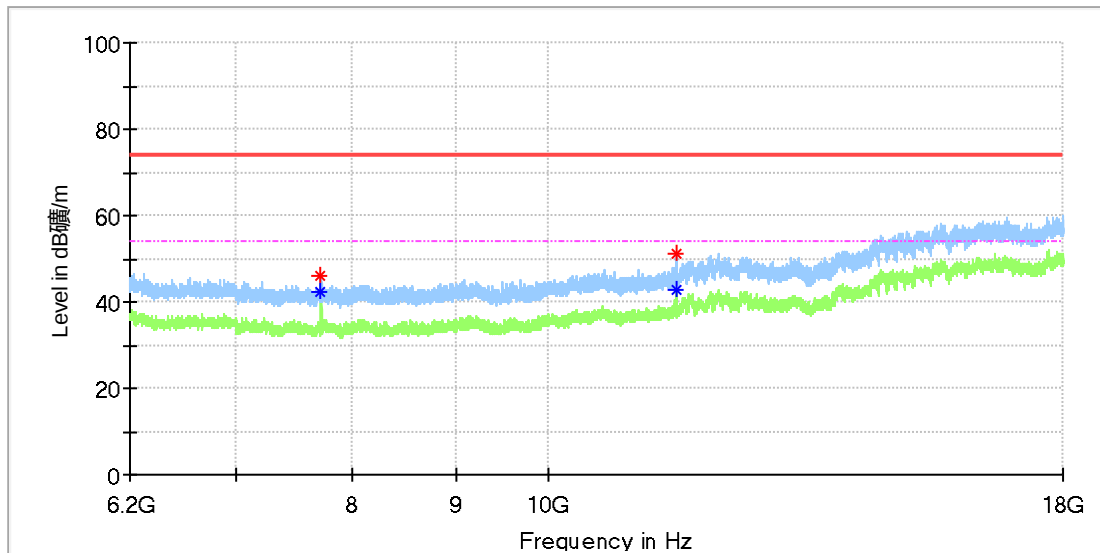
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1113.500000	---	33.89	54.00	20.11	150.0	V	311.0	0.7
1123.000000	44.70	---	74.00	29.30	150.0	V	316.0	0.9
2167.500000	52.45	---	74.00	21.55	150.0	V	240.0	7.7
2184.500000	---	39.62	54.00	14.38	150.0	V	311.0	7.8
4142.500000	---	46.96	54.00	7.04	150.0	V	121.0	13.3
4153.000000	57.58	---	74.00	16.42	150.0	V	148.0	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: 3D Printer
Model: AccuFab-F1
Test Mode: WIFI 5G_11a_Ch157
Order No/Sample No: 168512050/A003859216-001
Test Voltage:: 120V/60Hz
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

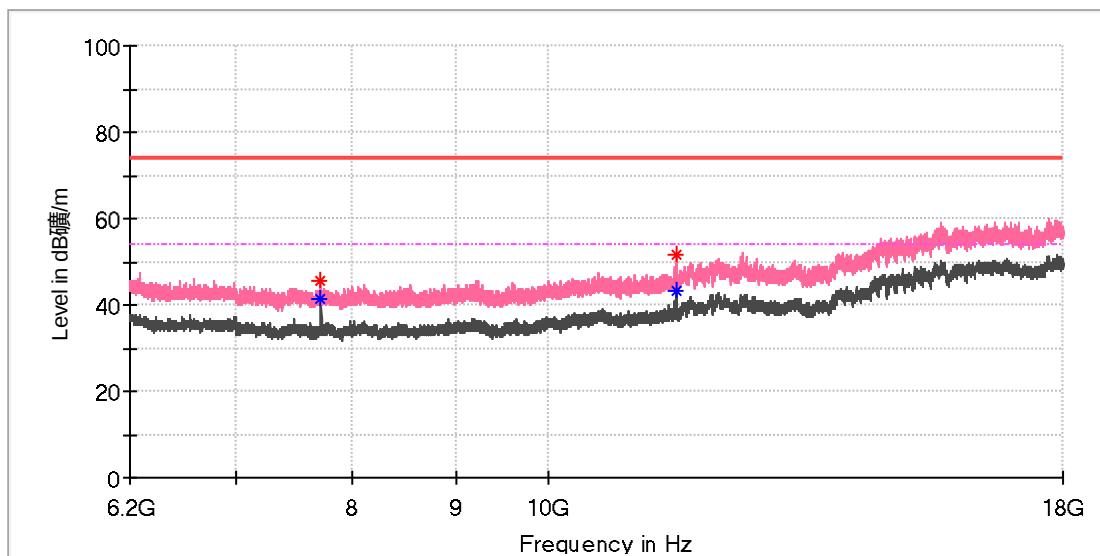
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7713.350000	45.82	---	74.00	28.18	150.0	H	149.0	8.7
7713.350000	---	42.53	54.00	11.47	150.0	H	149.0	8.7
11569.491667	---	42.71	54.00	11.29	150.0	H	216.0	13.4
11569.983333	51.07	---	74.00	22.93	150.0	H	316.0	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: 3D Printer
Model: AccuFab-F1
Test Mode: WIFI 5G_11a_Ch157
Order No/Sample No: 168512050/A003859216-001
Test Voltage:: 120V/60Hz
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

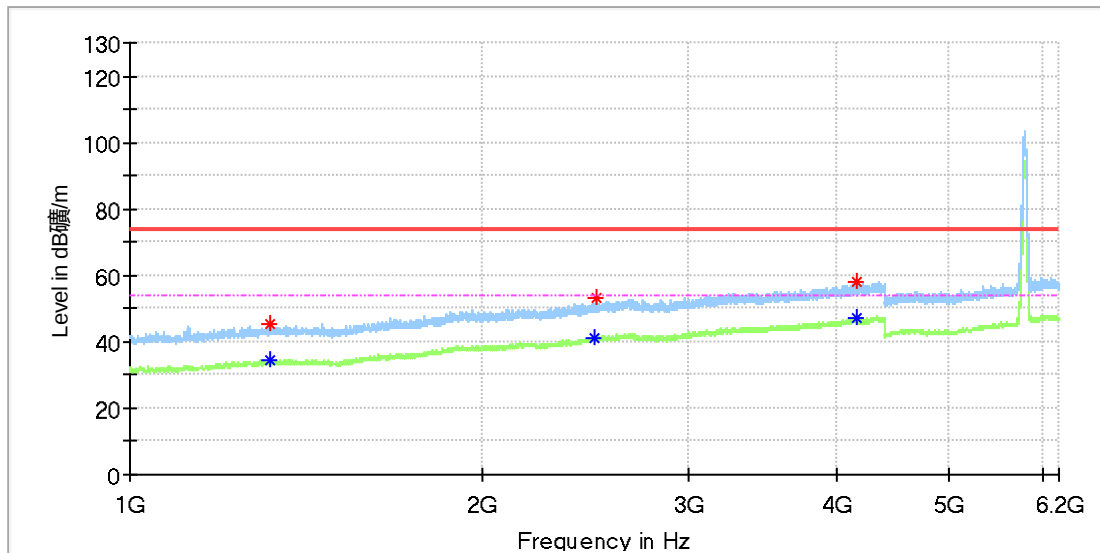
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7712.858333	45.49	---	74.00	28.51	150.0	V	191.0	8.7
7713.350000	---	41.44	54.00	12.56	150.0	V	191.0	8.7
11567.525000	51.78	---	74.00	22.22	150.0	V	124.0	13.4
11567.525000	---	43.19	54.00	10.81	150.0	V	124.0	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: 3D Printer
Model: AccuFab-F1
Test Mode: WIFI 5G_11n40_Ch159
Order No/Sample No: 168512050/A003859216-001
Test Voltage:: 120V/60Hz
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

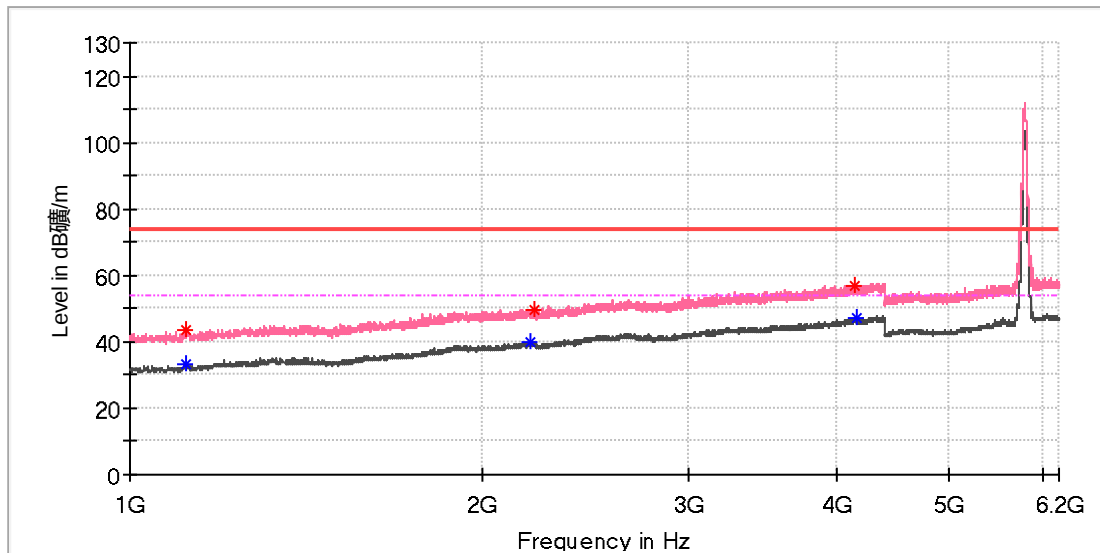
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1317.500000	45.53	---	74.00	28.47	150.0	H	189.0	2.9
1318.000000	---	34.34	54.00	19.66	150.0	H	352.0	2.9
2491.000000	---	41.40	54.00	12.60	150.0	H	301.0	9.0
2498.000000	53.03	---	74.00	20.97	150.0	H	340.0	9.0
4160.500000	57.84	---	74.00	16.16	150.0	H	295.0	13.4
4173.000000	---	47.11	54.00	6.89	150.0	H	250.0	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: 3D Printer
Model: AccuFab-F1
Test Mode: WIFI 5G_11n40_Ch159
Order No/Sample No: 168512050/A003859216-001
Test Voltage:: 120V/60Hz
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

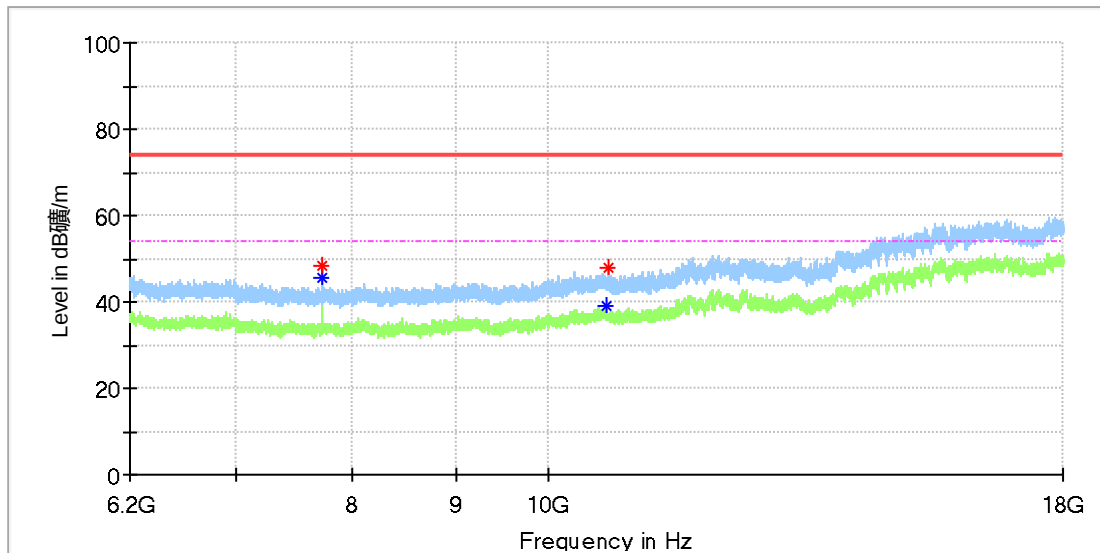
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1117.000000	---	33.37	54.00	20.63	150.0	V	305.0	0.8
1118.000000	43.64	---	74.00	30.36	150.0	V	305.0	0.8
2196.500000	---	40.16	54.00	13.84	150.0	V	344.0	7.8
2216.500000	49.77	---	74.00	24.23	150.0	V	47.0	7.9
4153.500000	57.07	---	74.00	16.93	150.0	V	262.0	13.4
4166.500000	---	47.34	54.00	6.66	150.0	V	0.0	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: 3D Printer
Model: AccuFab-F1
Test Mode: WIFI 5G_11n40_Ch159
Order No/Sample No: 168512050/A003859216-001
Test Voltage:: 120V/60Hz
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

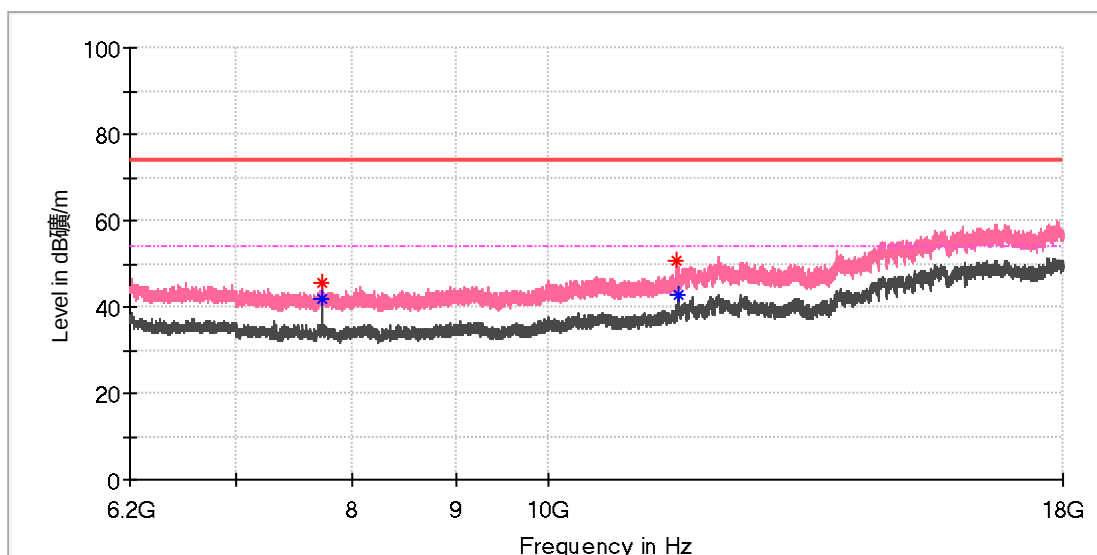
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7726.625000	48.14	---	74.00	25.86	150.0	H	188.0	8.7
7726.625000	---	45.66	54.00	8.34	150.0	H	188.0	8.7
10687.441667	---	39.27	54.00	14.73	150.0	H	346.0	11.9
10712.025000	47.81	---	74.00	26.19	150.0	H	33.0	11.9

Final_Result

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

EUT Information

EUT Name: 3D Printer
Model: AccuFab-F1
Test Mode: WIFI 5G_11n40_Ch159
Order No/Sample No: 168512050/A003859216-001
Test Voltage:: 120V/60Hz
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.407
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)
7726.625000	45.56	---	74.00	28.44	150.0	V	191.0	8.7
7726.625000	---	41.95	54.00	12.05	150.0	V	191.0	8.7
11586.700000	50.70	---	74.00	23.30	150.0	V	31.0	13.3
11592.600000	---	42.95	54.00	11.05	150.0	V	31.0	13.3

Final_Result

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

Co-location Mode (Wi-Fi+NFC)

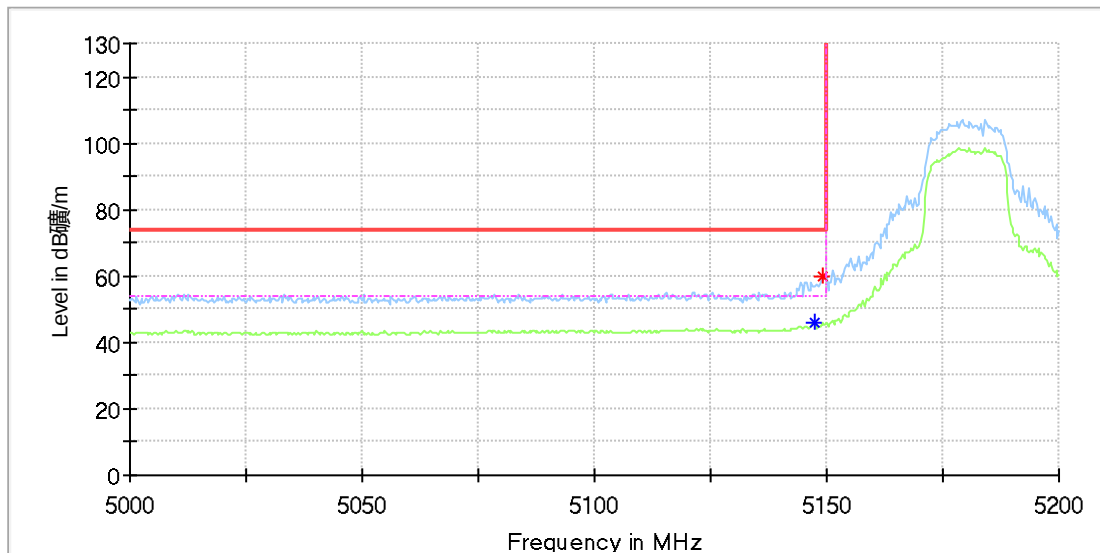
It verified that there were no evident emissions found for simultaneous mode in Wi-Fi and NFC, thus no records listed.

Appendix A.3: Test Results of Radiated Emissions in Edge Bands

Band U-NII-1:

EUT Information

EUT Name:	3D Printer
Model:	AccuFab-F1
Test Mode:	WIFI 5G_11a_Ch36
Order No/Sample No:	168512050/A003859216-001
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

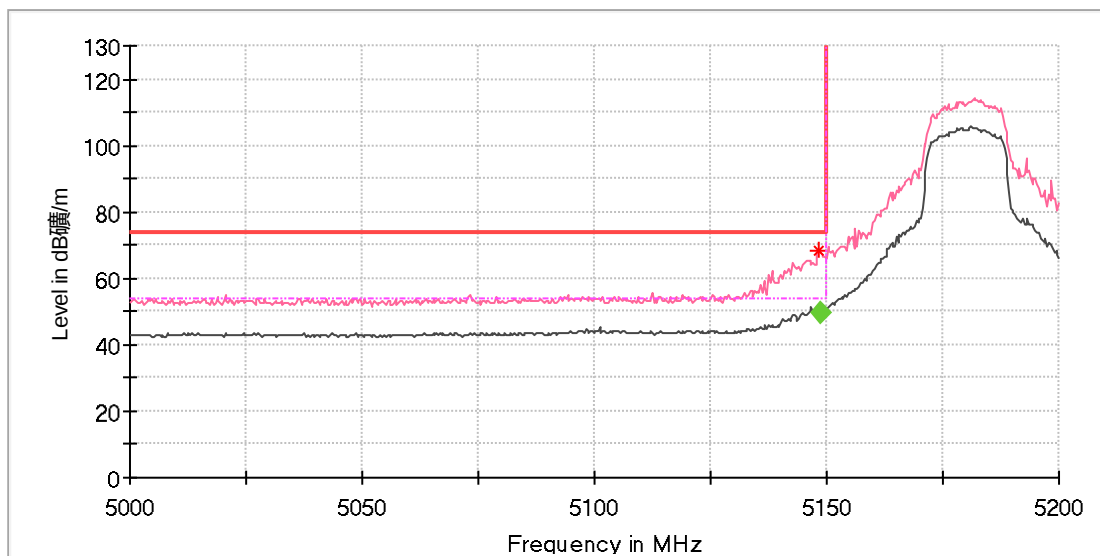
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5147.333333	---	46.05	54.00	7.95	150.0	H	209.0	13.9
5148.972222	59.89	---	74.00	14.11	150.0	H	204.0	13.9

Final_Result

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

EUT Information

EUT Name:	3D Printer
Model:	AccuFab-F1
Test Mode:	WIFI 5G_11a_Ch36
Order No/Sample No:	168512050/A003859216-001
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

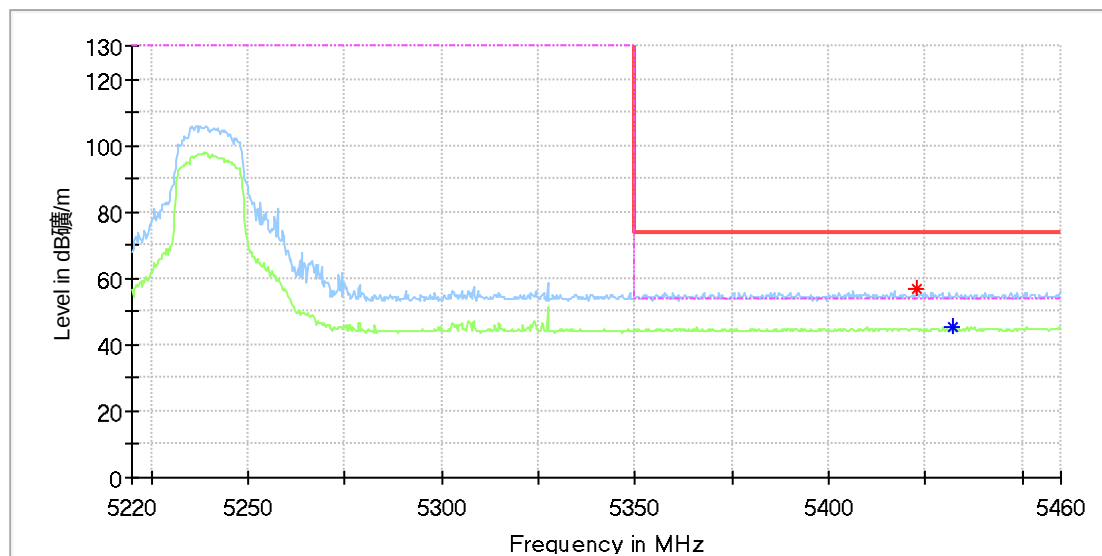
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5148.316667	68.03	---	74.00	5.97	150.0	V	145.0	13.9

Final_Result

Frequency (MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5148.644445	49.82	54.00	4.18	148.0	V	154.0	13.9

EUT Information

EUT Name:	3D Printer
Model:	AccuFab-F1
Test Mode:	WIFI 5G_11a_Ch48
Order No/Sample No:	168512050/A003859216-001
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

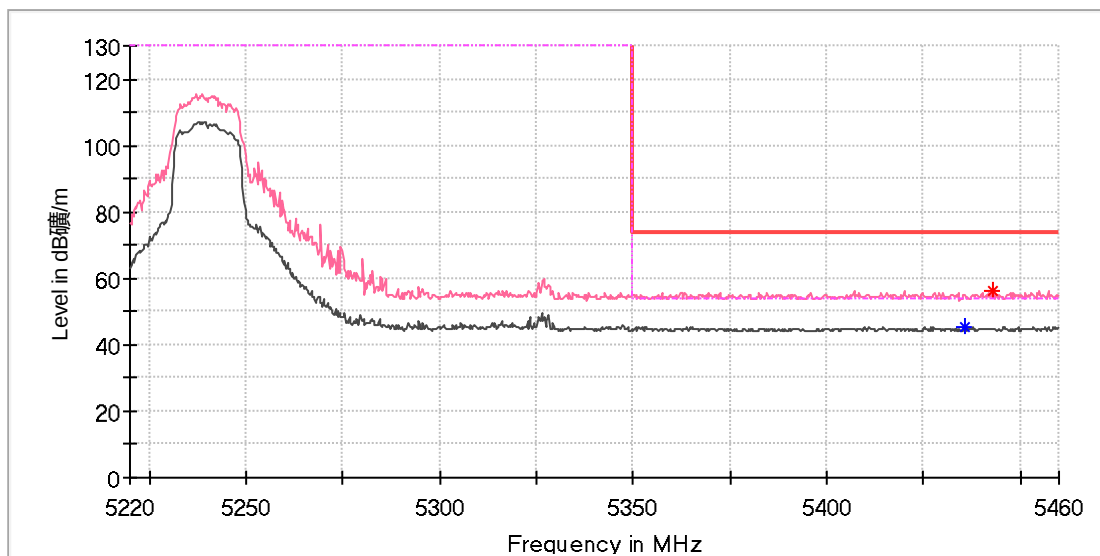
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5422.605556	56.90	---	74.00	17.10	150.0	H	212.0	15.0
5432.027778	---	45.19	54.00	8.81	150.0	H	266.0	15.0

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 Printer
Model:	AccuFab-F1
Test Mode:	WIFI 5G_11a_Ch48
Order No/Sample No:	168512050/A003859216-001
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

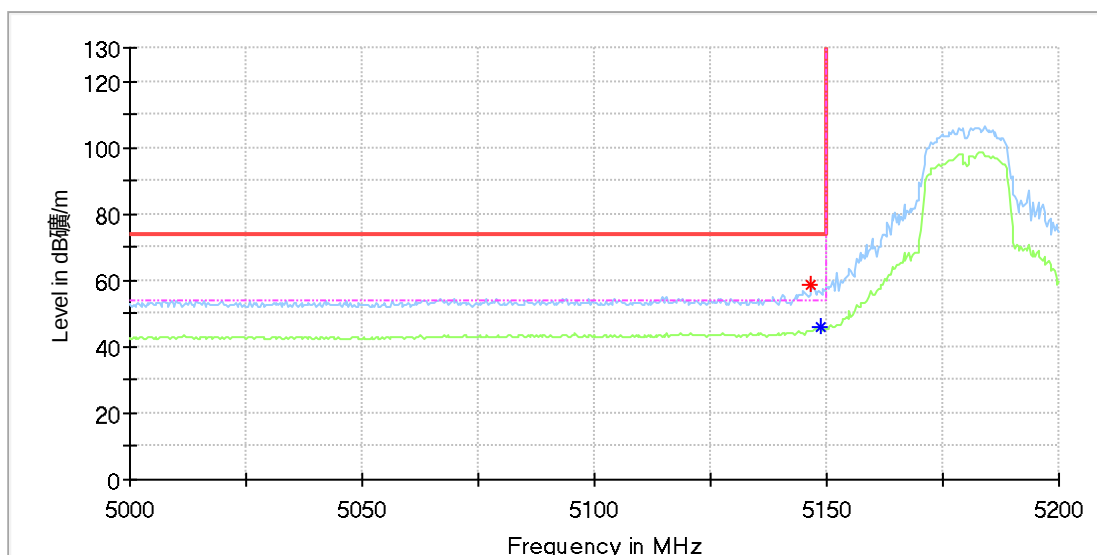
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5435.855556	---	45.28	54.00	8.72	150.0	V	169.0	15.0
5442.922222	56.24	---	74.00	17.76	150.0	V	252.0	15.0

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 Printer
Model: AccuFab-F1
Test Mode: WIFI 5G_11n20_Ch36
Order No/Sample No: 168512050/A003859216-001
Test Voltage:: 120V/60Hz
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

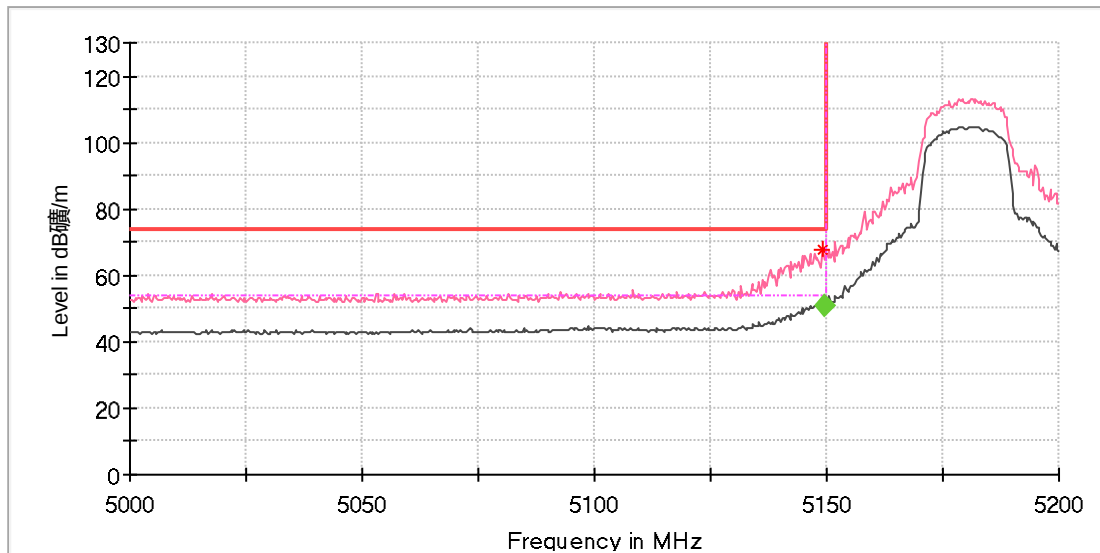
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5146.677778	58.63	---	74.00	15.37	150.0	H	208.0	13.9
5148.644445	---	45.98	54.00	8.02	150.0	H	189.0	13.9

Final_Result

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

EUT Information

EUT Name: 3D Printer
Model: AccuFab-F1
Test Mode: WIFI 5G_11n20_Ch36
Order No/Sample No: 168512050/A003859216-001
Test Voltage:: 120V/60Hz
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

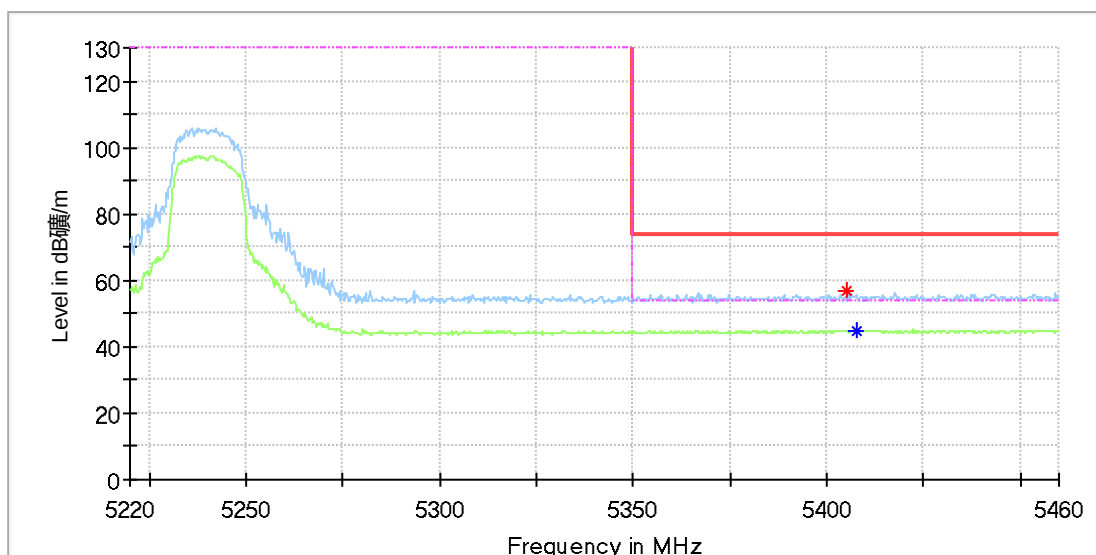
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5149.300000	67.58	---	74.00	6.42	150.0	V	140.0	13.9

Final_Result

Frequency (MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5149.627778	50.75	54.00	3.25	151.0	V	149.0	14.0

EUT Information

EUT Name:	3D Printer
Model:	AccuFab-F1
Test Mode:	WIFI 5G_11n20_Ch48
Order No/Sample No:	168512050/A003859216-001
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

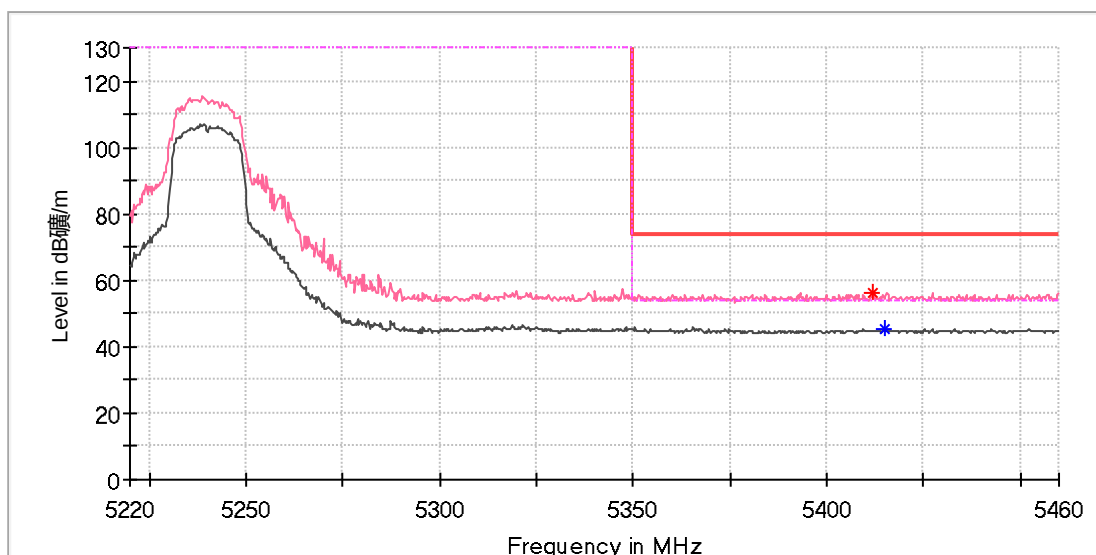
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5405.233333	56.57	---	74.00	17.43	150.0	H	155.0	15.0
5407.883333	---	44.90	54.00	9.10	150.0	H	202.0	15.0

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 Printer
Model:	AccuFab-F1
Test Mode:	WIFI 5G_11n20_Ch48
Order No/Sample No:	168512050/A003859216-001
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

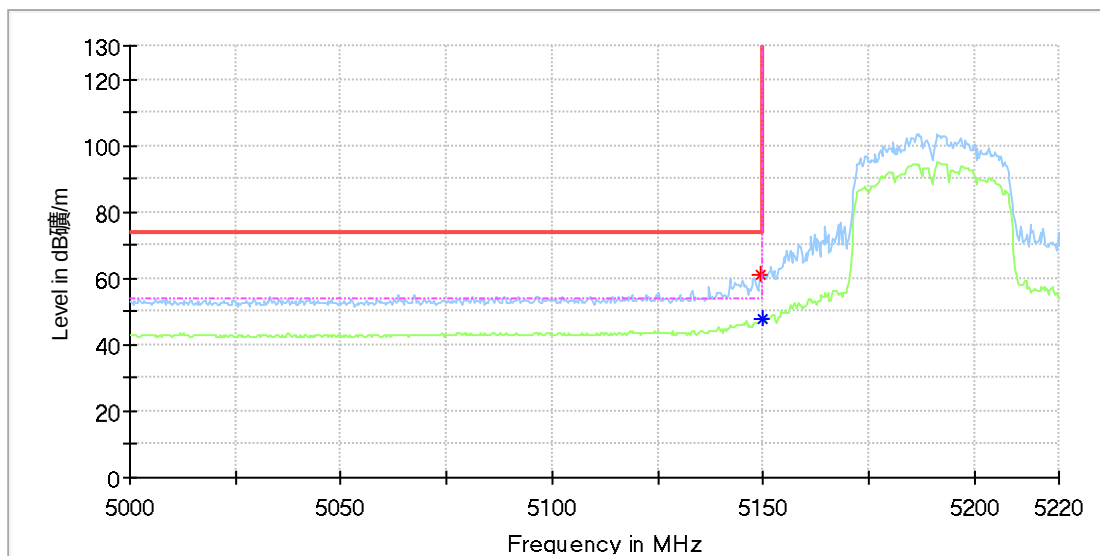
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5412.005556	56.17	---	74.00	17.83	150.0	V	0.0	15.0
5414.950000	---	45.26	54.00	8.74	150.0	V	92.0	15.0

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 Printer
Model:	AccuFab-F1
Test Mode:	WIFI 5G_11n40_Ch38
Order No/Sample No:	168512050/A003859216-001
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

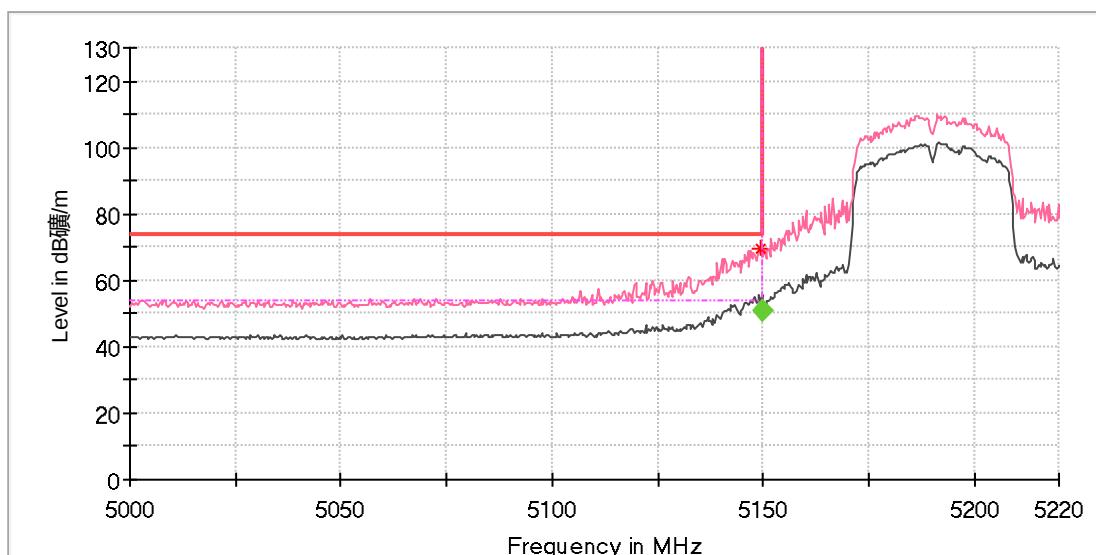
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5149.300000	61.27	---	74.00	12.73	150.0	H	170.0	13.9
5149.627778	---	47.64	54.00	6.36	150.0	H	204.0	13.9

Final_Result

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

EUT Information

EUT Name:	3D Printer
Model:	AccuFab-F1
Test Mode:	WIFI 5G_11n40_Ch38
Order No/Sample No:	168512050/A003859216-001
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

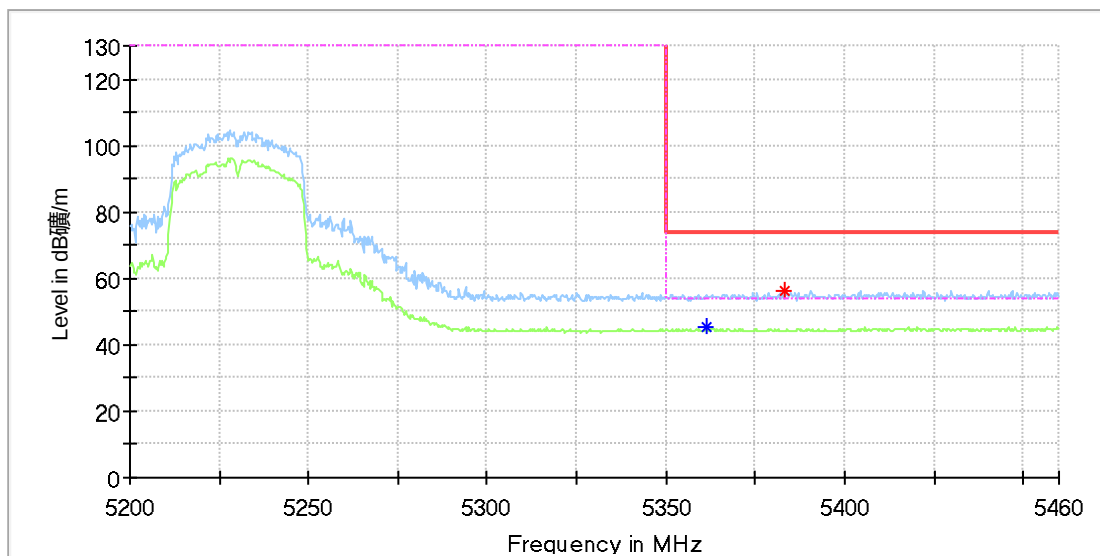
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5149.300000	69.39	---	74.00	4.61	150.0	V	157.0	13.9

Final_Result

Frequency (MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5149.627778	50.73	54.00	3.27	149.0	V	162.0	14.0

EUT Information

EUT Name:	3D Printer
Model:	AccuFab-F1
Test Mode:	WIFI 5G_11n40_Ch46
Order No/Sample No:	168512050/A003859216-001
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

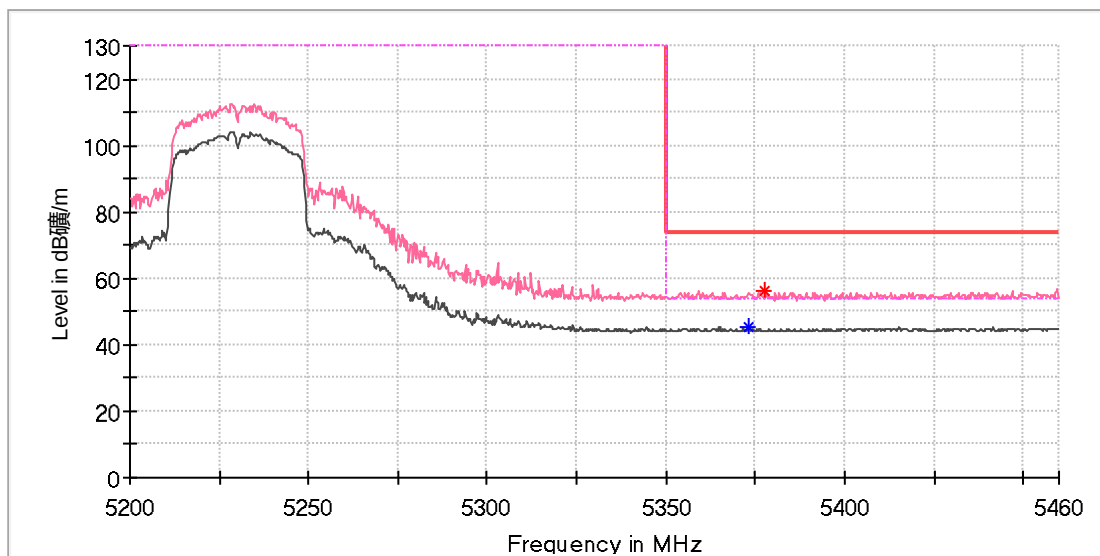
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5361.361111	---	45.18	54.00	8.82	150.0	H	176.0	14.8
5383.444445	56.43	---	74.00	17.57	150.0	H	283.0	14.9

Final_Result

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

EUT Information

EUT Name:	3D Printer
Model:	AccuFab-F1
Test Mode:	WIFI 5G_11n40_Ch46
Order No/Sample No:	168512050/A003859216-001
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

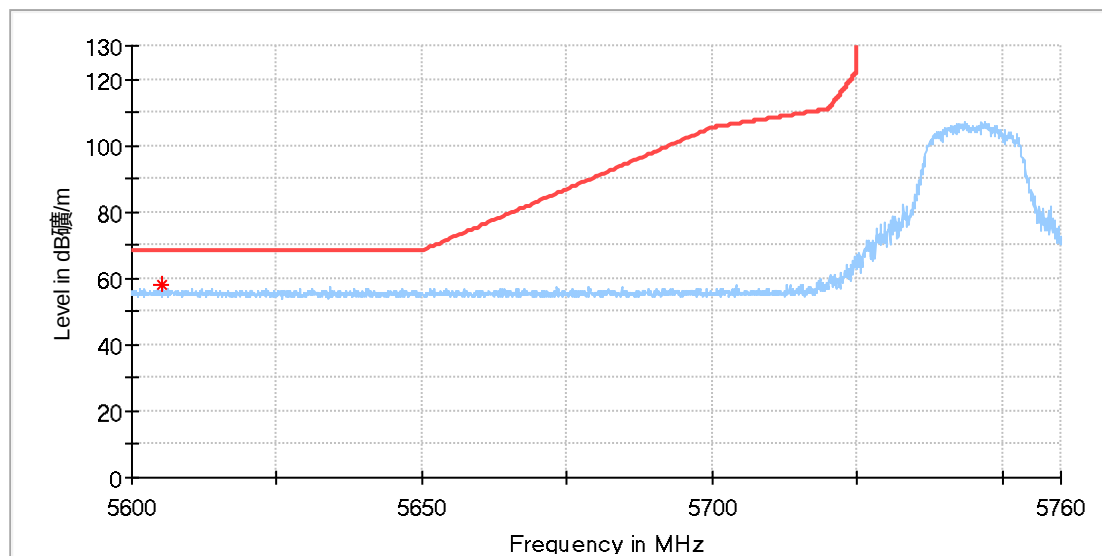
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5373.138889	---	45.39	54.00	8.61	150.0	V	167.0	14.9
5377.850000	56.42	---	74.00	17.58	150.0	V	161.0	14.9

Final_Result

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

EUT Information

EUT Name:	3D Printer
Model:	AccuFab-F1
Test Mode:	WIFI 5G_11a_Ch149
Order No/Sample No:	168512050/A003859216-001
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

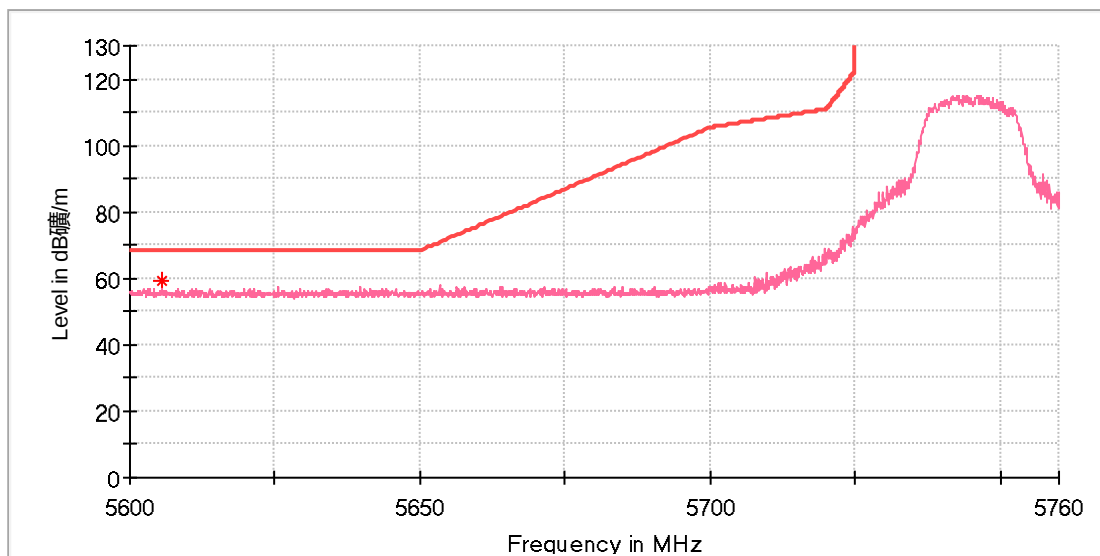
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5605.316667	58.21	68.20	9.99	150.0	H	177.0	15.3

Final_Result

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

EUT Information

EUT Name:	3D Printer
Model:	AccuFab-F1
Test Mode:	WIFI 5G_11a_Ch149
Order No/Sample No:	168512050/A003859216-001
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

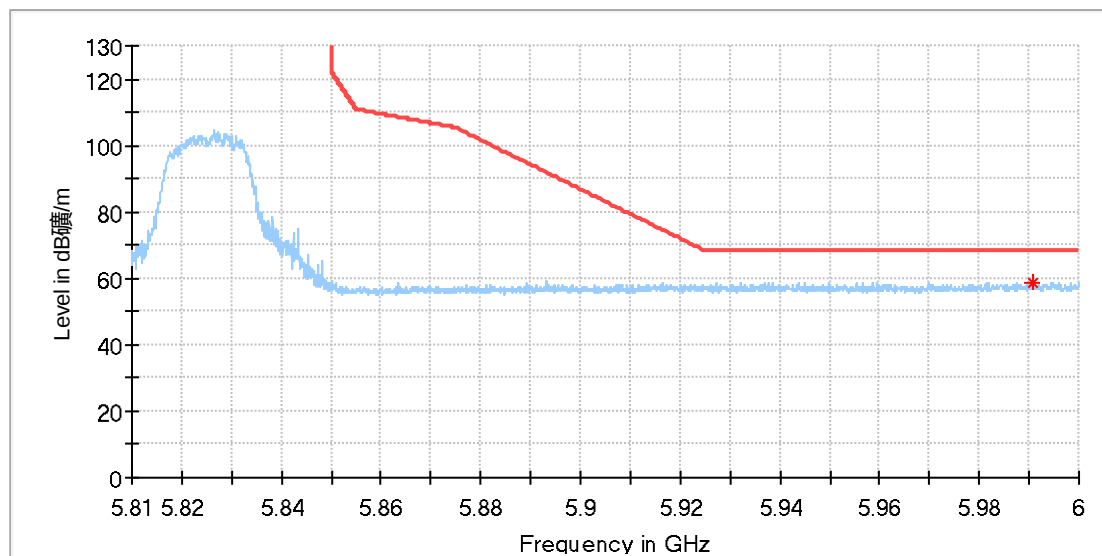
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5605.561111	59.04	68.20	9.16	150.0	V	36.0	15.3

Final_Result

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

EUT Information

EUT Name:	3D Printer
Model:	AccuFab-F1
Test Mode:	WIFI 5G_11a_Ch165
Order No/Sample No:	168512050/A003859216-001
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

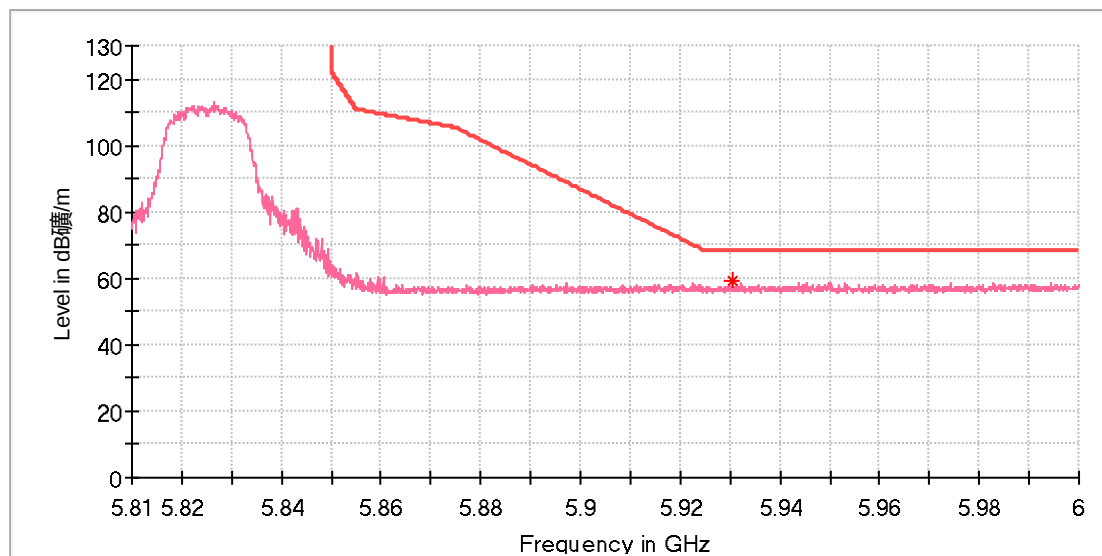
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5990.756944	58.91	68.20	9.29	150.0	H	124.0	16.5

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 Printer
Model:	AccuFab-F1
Test Mode:	WIFI 5G_11a_Ch165
Order No/Sample No:	168512050/A003859216-001
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

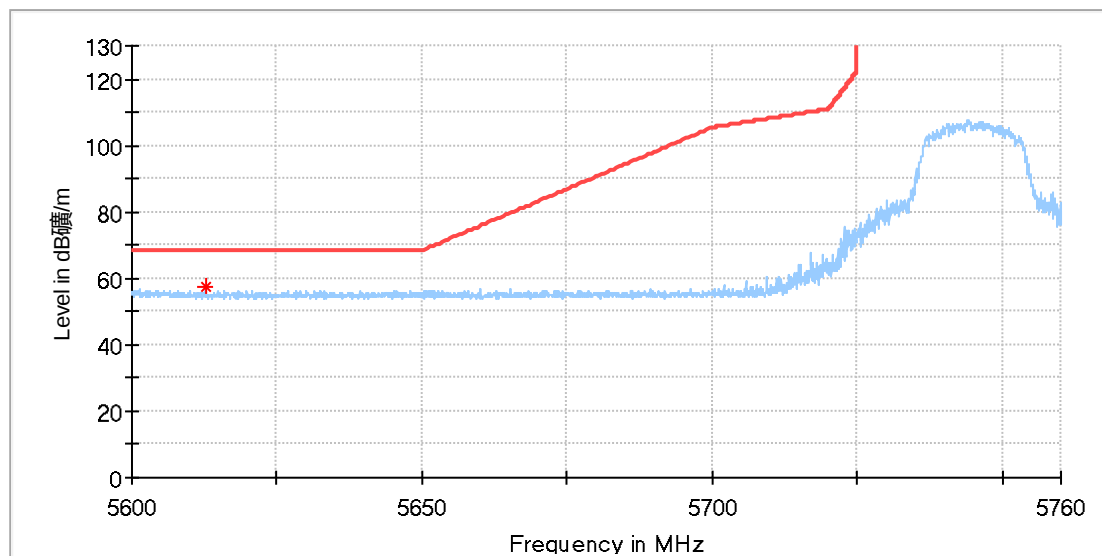
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5930.486111	59.15	68.20	9.05	150.0	V	214.0	16.2

Final_Result

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

EUT Information

EUT Name:	3D Printer
Model:	AccuFab-F1
Test Mode:	WIFI 5G_11n20_Ch149
Order No/Sample No:	168512050/A003859216-001
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

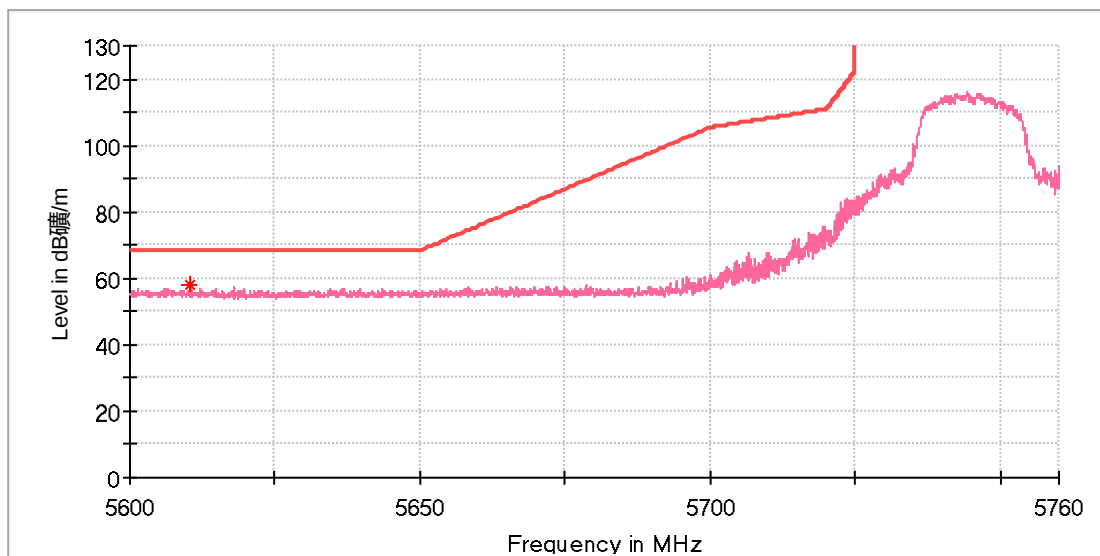
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5612.588889	57.23	68.20	10.97	150.0	H	22.0	15.3

Final_Result

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

EUT Information

EUT Name:	3D Printer
Model:	AccuFab-F1
Test Mode:	WIFI 5G_11n20_Ch149
Order No/Sample No:	168512050/A003859216-001
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

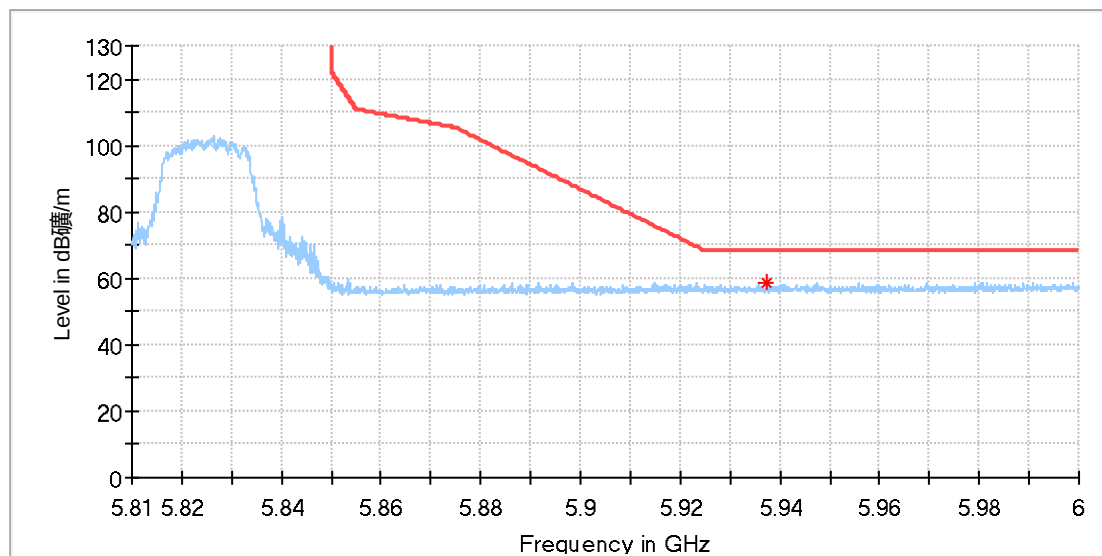
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5610.511111	58.15	68.20	10.05	150.0	V	145.0	15.3

Final_Result

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

EUT Information

EUT Name: 3D Printer
Model: AccuFab-F1
Test Mode: WIFI 5G_11n20_Ch165
Order No/Sample No: 168512050/A003859216-001
Test Voltage:: 120V/60Hz
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

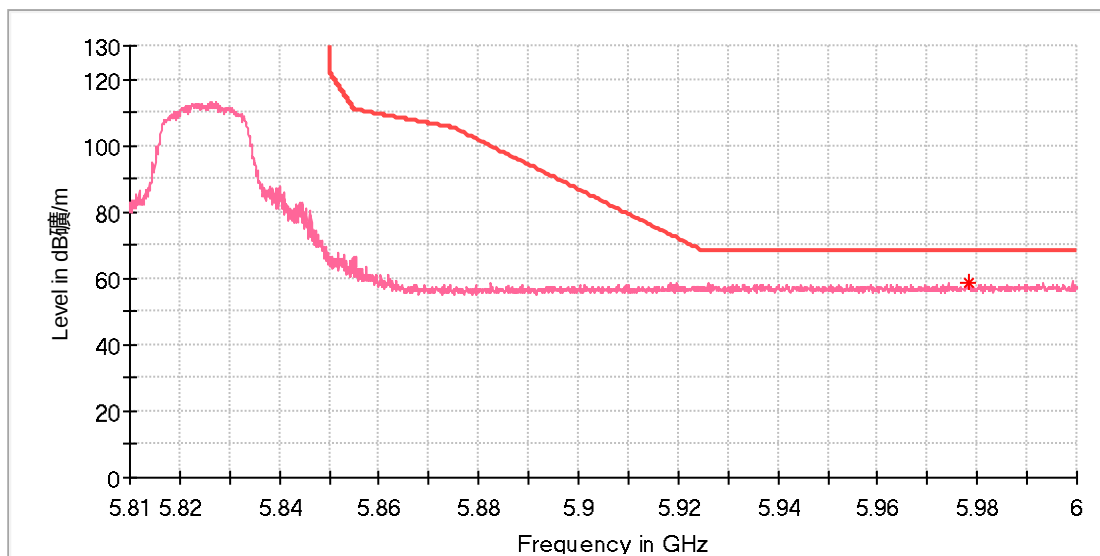
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5937.437500	58.82	68.20	9.38	150.0	H	142.0	16.2

Final_Result

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

EUT Information

EUT Name:	3D Printer
Model:	AccuFab-F1
Test Mode:	WIFI 5G_11n20_Ch165
Order No/Sample No:	168512050/A003859216-001
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

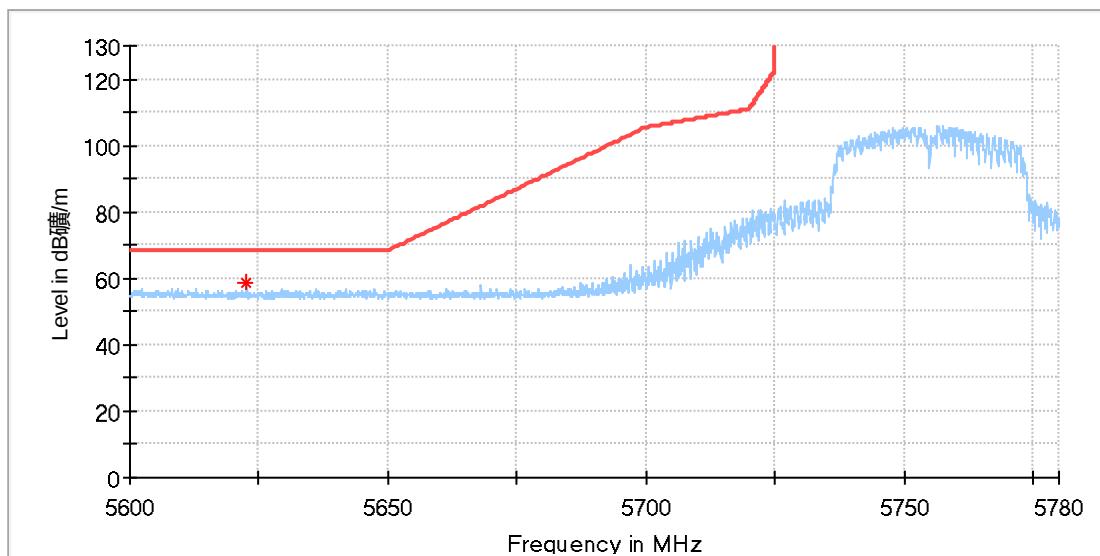
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5978.305556	58.88	68.20	9.32	150.0	V	290.0	16.4

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 Printer
Model:	AccuFab-F1
Test Mode:	WIFI 5G_11n40_Ch151
Order No/Sample No:	168512050/A003859216-001
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

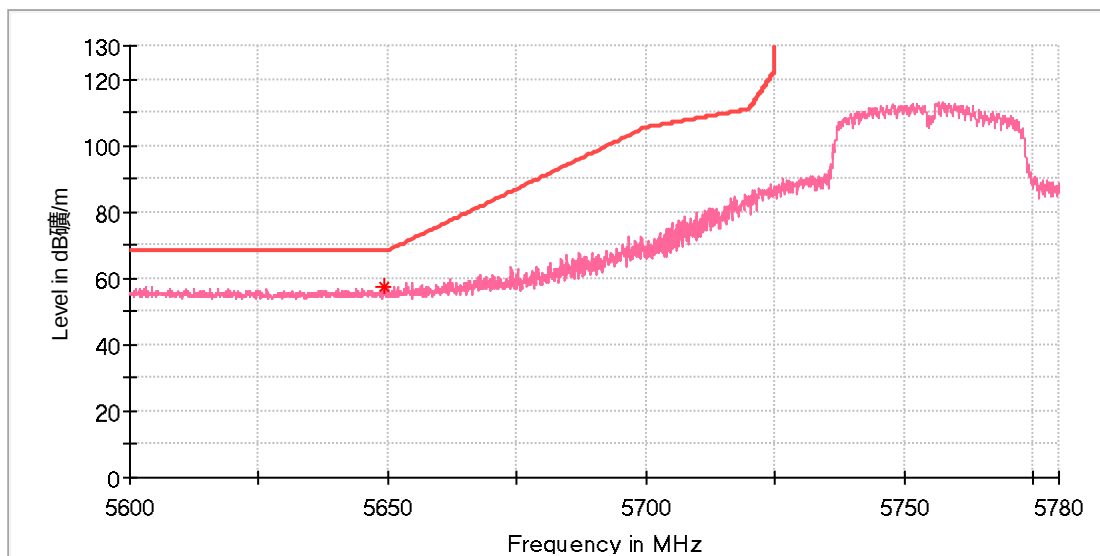
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5622.672222	58.69	68.20	9.51	150.0	H	316.0	15.3

Final_Result

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

EUT Information

EUT Name: 3D Printer
Model: AccuFab-F1
Test Mode: WIFI 5G_11n40_Ch151
Order No/Sample No: 168512050/A003859216-001
Test Voltage:: 120V/60Hz
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

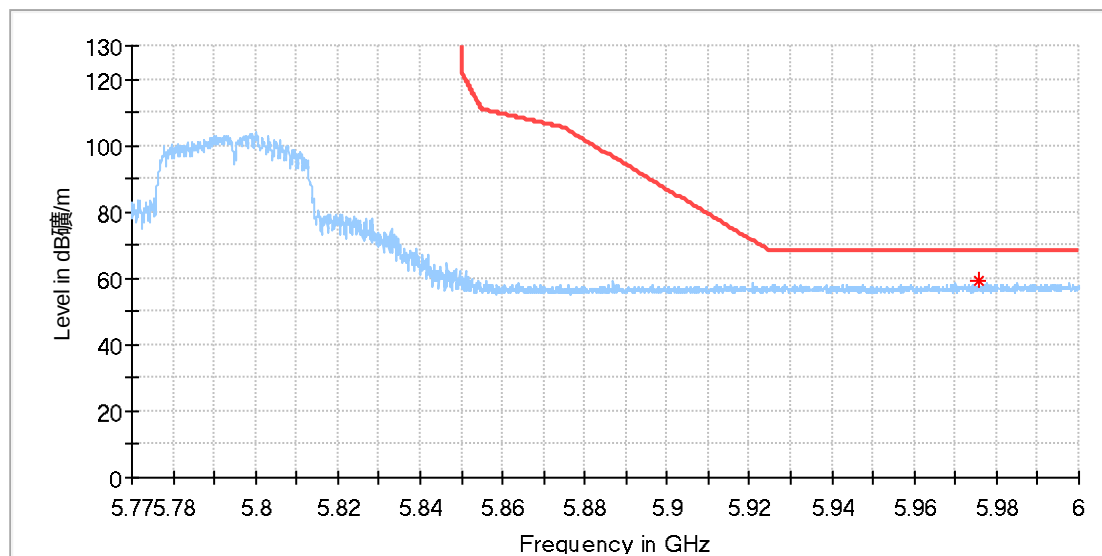
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5649.438889	57.54	68.20	10.66	150.0	V	120.0	15.3

Final_Result

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

EUT Information

EUT Name:	3D Printer
Model:	AccuFab-F1
Test Mode:	WIFI 5G_11n40_Ch159
Order No/Sample No:	168512050/A003859216-001
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

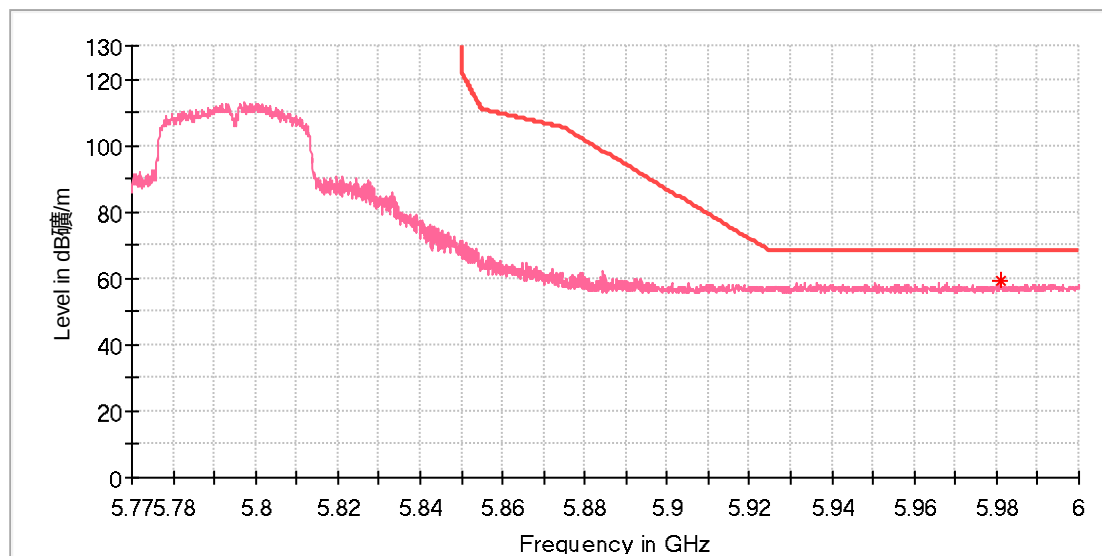
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5975.708333	59.42	68.20	8.78	150.0	H	99.0	16.4

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 Printer
Model:	AccuFab-F1
Test Mode:	WIFI 5G_11n40_Ch159
Order No/Sample No:	168512050/A003859216-001
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
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)
5980.826389	59.14	68.20	9.06	150.0	V	175.0	16.4

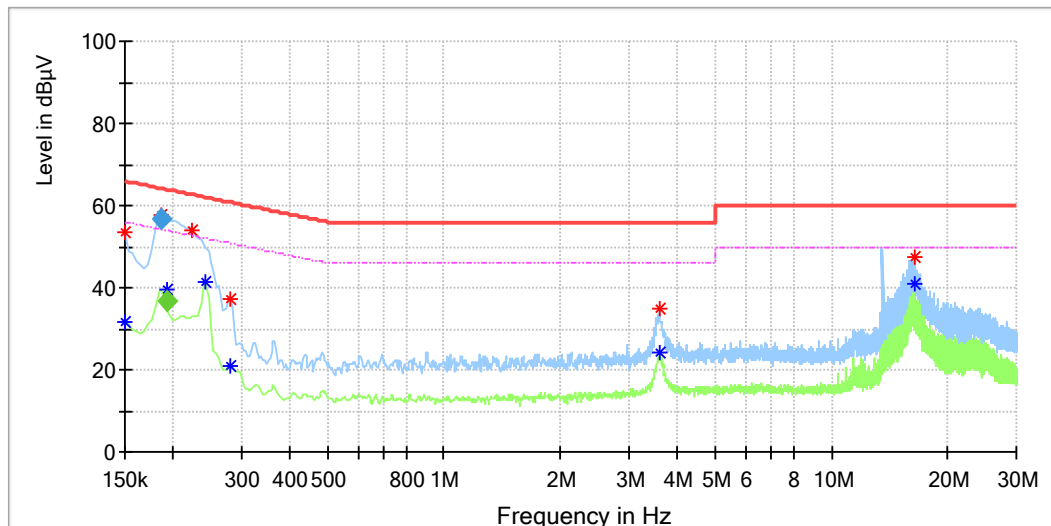
Final_Result

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

Appendix A.4: Test Results of Conducted Emission on AC Mains

EUT Information

EUT Name:	3D Printer
Order Number:	168512050 60
Model:	AccuFab-F1
Test Mode:	Wi-Fi Connecting
Test Voltage:	AC 120V/60Hz
Test Standard:	FCC Part 15C
Test By:/Review By:	Dawn Shen /Shower Dai
Tem./Hum./Pressure:	24.0°C/51.4%/101kPa
Remark:	SR3



Critical Freqs

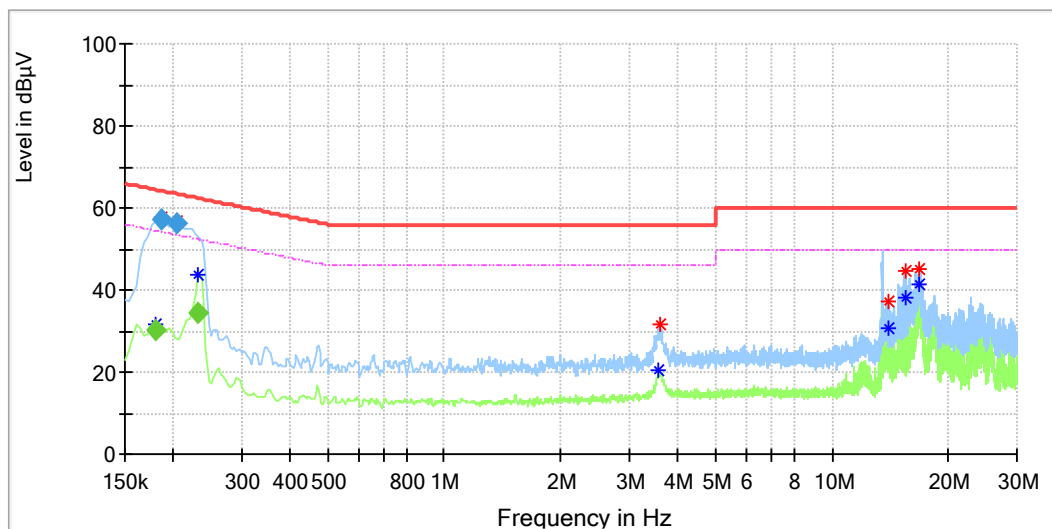
Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.150000	---	31.46	56.00	24.54	L1	9.8
0.150000	53.35	---	66.00	12.65	L1	9.8
0.187081	57.74	---	64.32	6.58	L1	9.8
0.191812	---	39.39	54.16	14.76	L1	9.8
0.224625	53.97	---	62.65	8.68	L1	9.8
0.243281	---	41.18	51.98	10.81	L1	9.8
0.280594	---	21.06	50.80	29.74	L1	9.8
0.280594	37.39	---	60.80	23.41	L1	9.8
3.593944	---	24.25	46.00	21.75	L1	10.1
3.597675	34.96	---	56.00	21.04	L1	10.1
16.377206	---	40.72	50.00	9.28	L1	10.2
16.377206	47.28	---	60.00	12.72	L1	10.2

Final Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.187081	56.54	---	64.17	7.62	1000.0	9.000	L1	9.8
0.191812	---	36.83	53.96	17.13	1000.0	9.000	L1	9.8

EUT Information

EUT Name: 3D Printer
Order Number: 168512050 60
Model: AccuFab-F1
Test Mode: Wi-Fi Connecting
Test Voltage: AC 120V/60Hz
Test Standard: FCC Part 15C
Test By./Review By: Dawn Shen /Shower Dai
Tem./Hum./Pressure: 24.0°C/51.4%/101kPa
Remark: SR3



Critical Freqs

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.186000	57.71	---	64.32	6.61	N	9.7
0.203625	56.70	---	62.65	5.95	N	9.7
0.179000	---	31.55	55.40	23.86	N	9.7
0.232000	---	43.88	52.38	8.50	N	9.7
3.579019	---	20.25	46.00	25.75	N	9.8
3.593944	31.41	---	56.00	24.59	N	9.8
13.955625	---	30.78	50.00	19.22	N	9.9
13.955625	37.18	---	60.00	22.82	N	9.9
15.455588	---	38.33	50.00	11.67	N	9.9
15.455588	44.62	---	60.00	15.38	N	9.9
16.761525	45.15	---	60.00	14.85	N	10.0
16.761525	---	41.40	50.00	8.60	N	10.0

Final Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.186000	57.30	---	64.21	6.91	1000.0	9.000	N	9.7
0.203625	56.28	---	63.46	7.18	1000.0	9.000	N	9.7
0.179000	---	30.05	53.36	23.31	1000.0	9.000	N	9.7
0.232000	---	34.25	53.32	19.07	1000.0	9.000	N	9.7