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1. Co-located Radiated Spurious Emissions

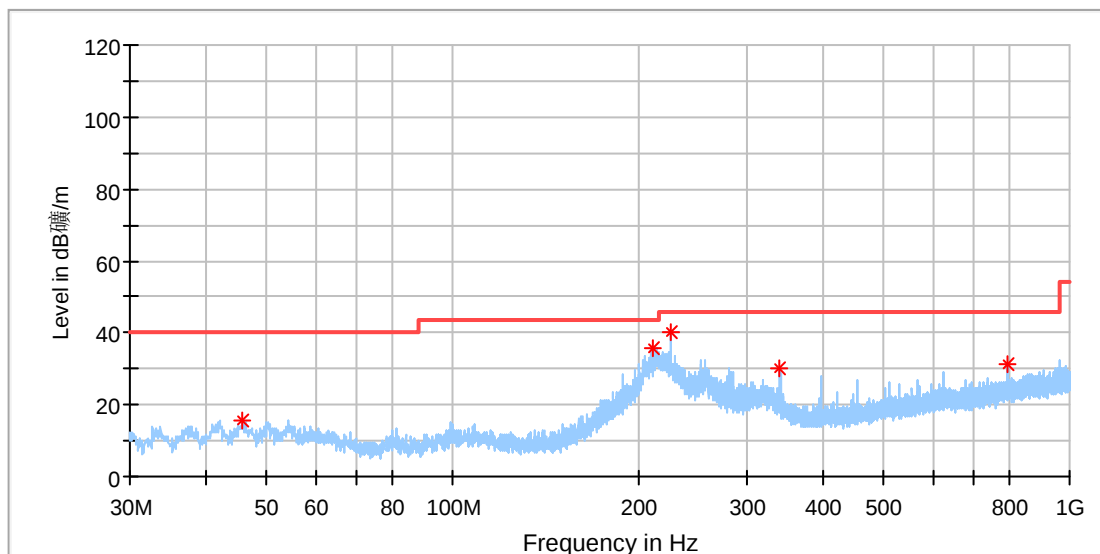
Note1: The testing was carried out within frequency range 9kHz to the tenth harmonics. The measurement results below 30MHz and 18GHz to 26.5GHz were greater than 20dB below the limit, so only the radiated spurious emissions from 30MHz to 18GHz were reported.

Note2: The highest waveform in the figure is 5GHz WiFi Fundamental.

Test Report

EUT Information

EUT Name:	Equipment for EMS Training Device
Model:	MBT2.1 LIGHT
Test Mode:	CO-Location_WIFI 5G+2.4GHz Tiny+BT+RFID
Test Voltage::	AC 120V, 60Hz
Remark:	Temp 23 Humi:45%
Test Standard:	FCC 15.209
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



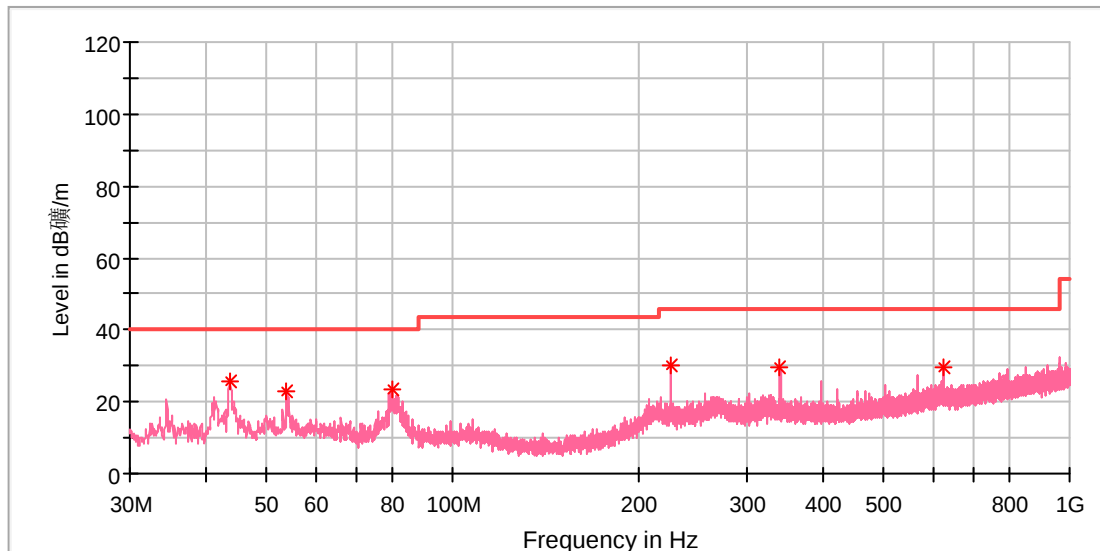
Critical_Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
45.568500	15.75	40.00	24.25	100.0	H	251.0	-18.7
211.196000	35.91	43.50	7.59	100.0	H	7.0	-18.9
226.279500	40.33	46.00	5.67	100.0	H	14.0	-18.2
339.430000	29.94	46.00	16.06	100.0	H	52.0	-15.0
791.983500	31.31	46.00	14.69	100.0	H	266.0	-6.5

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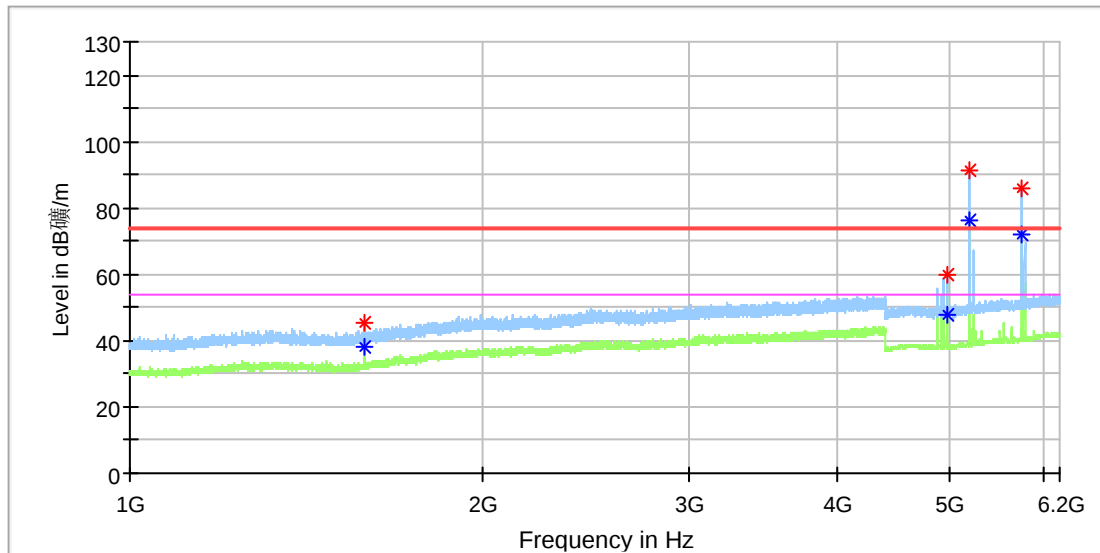
Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
43.531500	25.57	40.00	14.43	100.0	V	0.0	-19.1
53.910500	22.82	40.00	17.18	100.0	V	122.0	-18.4
79.955000	23.46	40.00	16.54	100.0	V	162.0	-23.5
226.279500	29.93	46.00	16.07	100.0	V	331.0	-18.2
339.430000	29.50	46.00	16.50	100.0	V	187.0	-15.0
622.233500	29.37	46.00	16.63	100.0	V	220.0	-9.5

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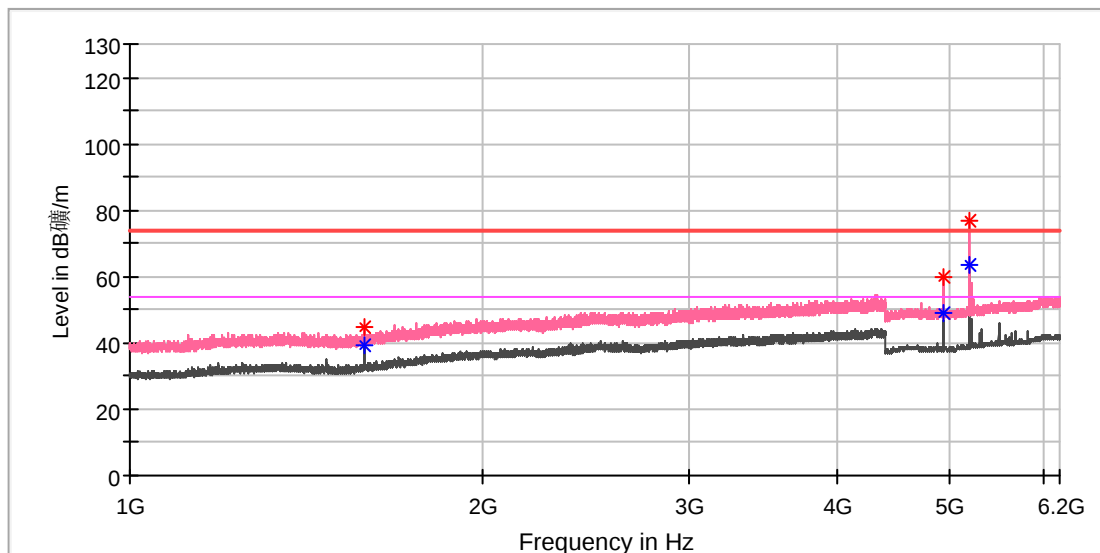
Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1583.610000	---	38.37	54.00	15.63	100.0	H	263.0	1.9
1583.780000	45.10	---	74.00	28.90	100.0	H	263.0	1.9
4967.000000	---	47.57	54.00	6.43	100.0	H	24.0	11.8
4968.000000	59.63	---	74.00	14.37	100.0	H	24.0	11.8

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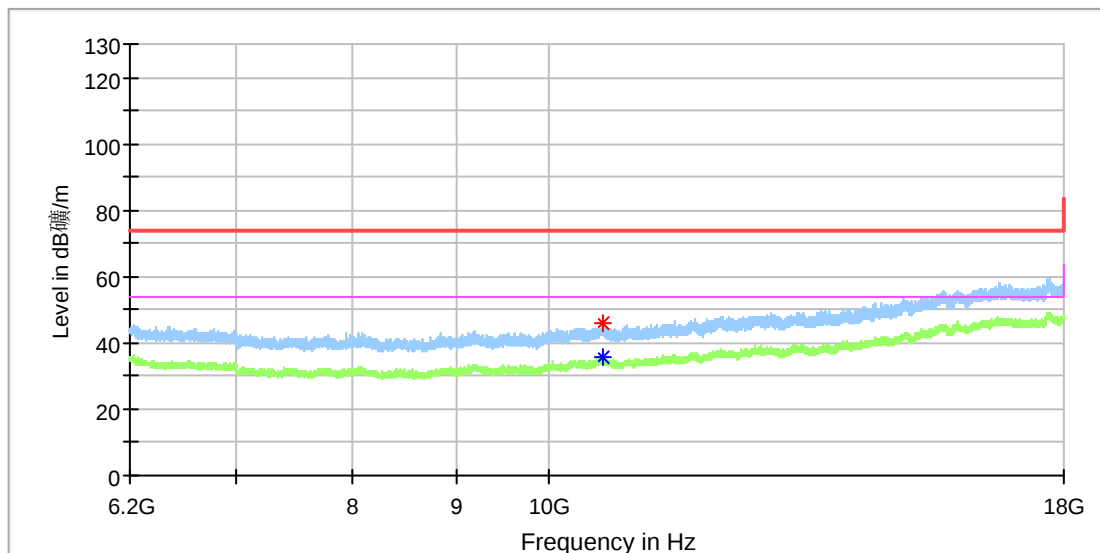
Critical_Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1583.780000	---	39.60	54.00	14.40	100.0	V	187.0	1.9
1584.120000	44.55	---	74.00	29.45	100.0	V	0.0	1.9
4933.000000	---	48.99	54.00	5.01	100.0	V	281.0	11.8
4934.000000	60.08	---	74.00	13.92	100.0	V	281.0	11.8

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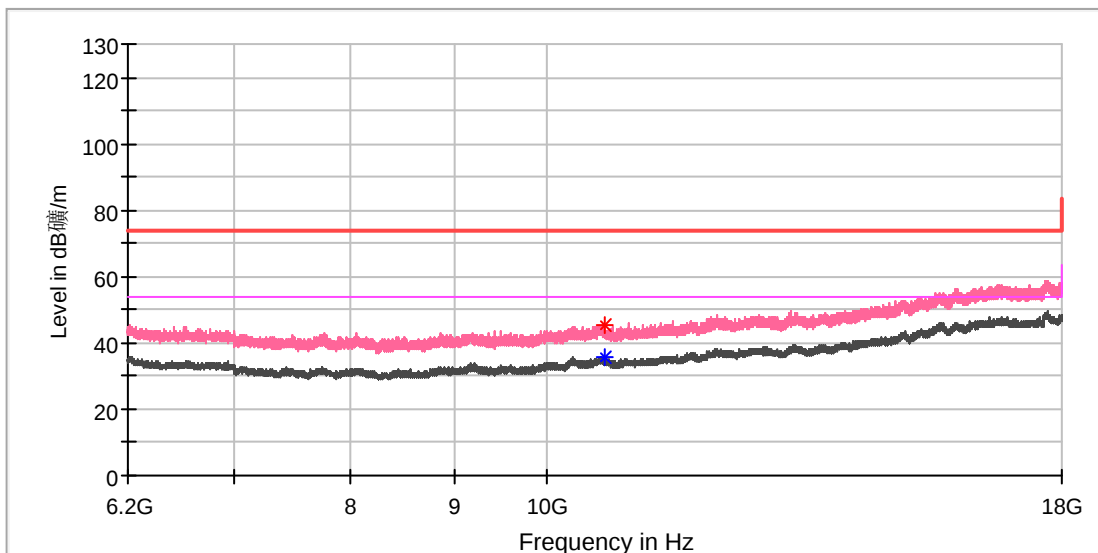
Critical_Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
10627.950000	45.70	---	74.00	28.30	100.0	H	82.0	12.0
10630.900000	---	35.96	54.00	18.04	100.0	H	151.0	12.0

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10675.641667	45.60	---	74.00	28.40	100.0	V	206.0	11.9
10684.000000	---	35.65	54.00	18.35	100.0	V	206.0	11.9