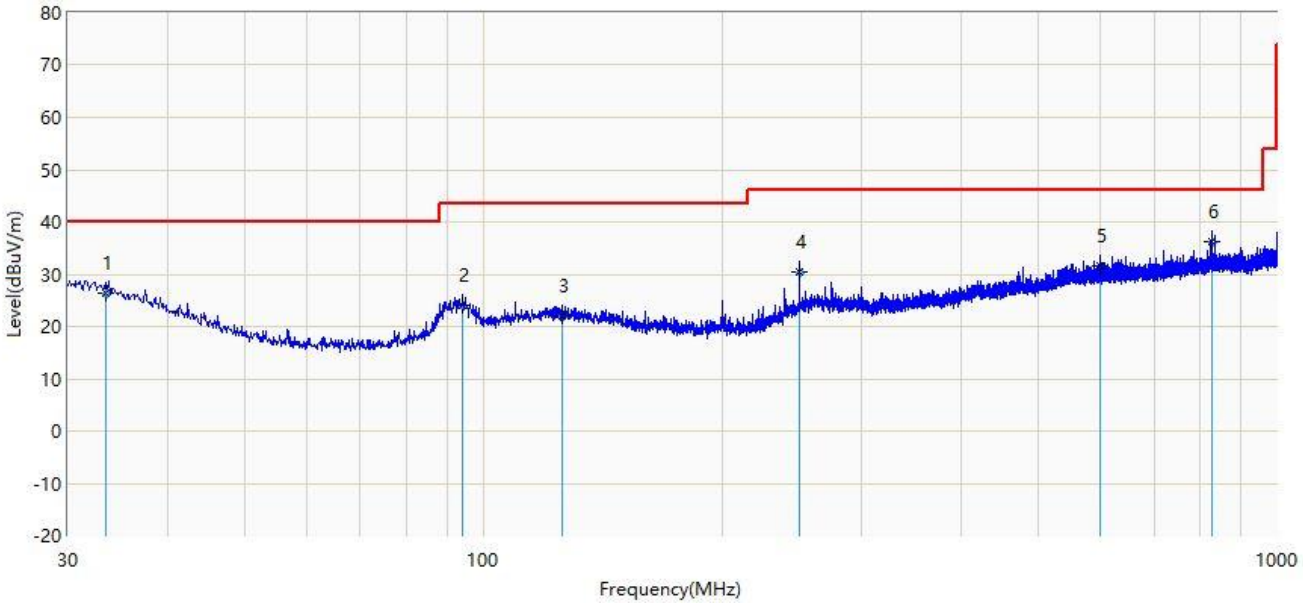
Profile: 2530770R	Page No.: 2
Engineer: Yu Liu	
Site: AC2	Time: 2025/05/12 - 19:30
Limit: FCC_Part 15.209	Margin: 0
Probe: CBL6112B_2933(30-1000MHz)-2024	Polarity: Vertical
EUT: Smart Controller	Power: 230 Vac / 50Hz
Note: mode 1:Transmit at 2402MHz by DH5	



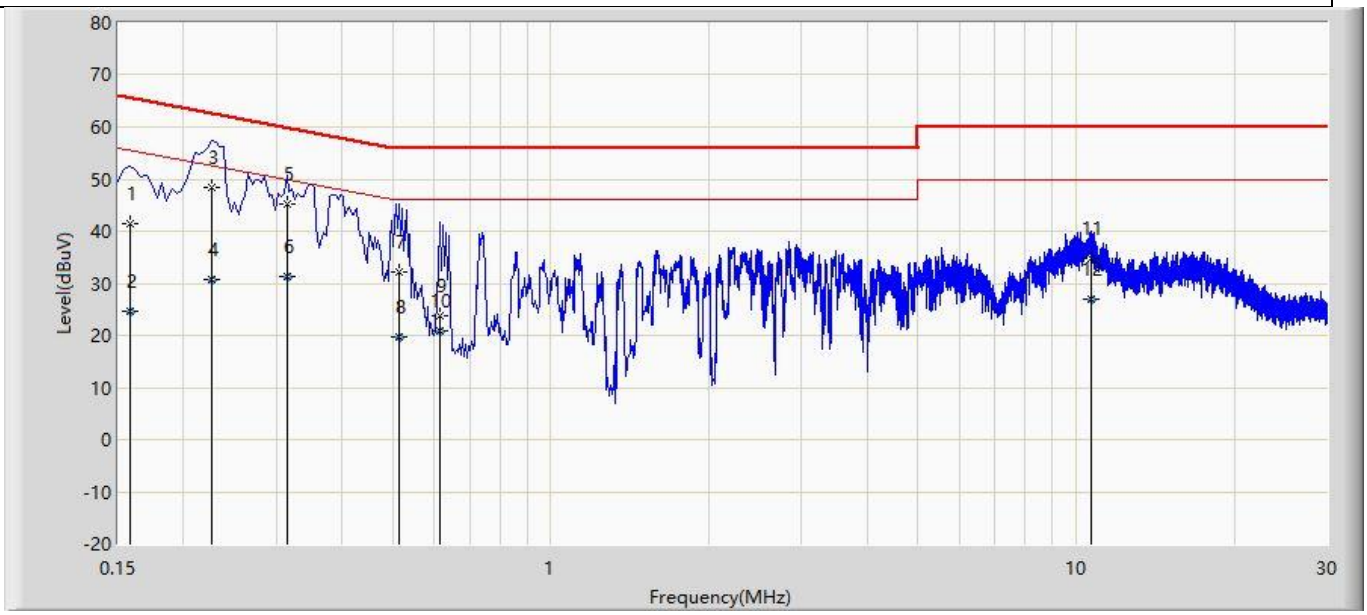
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		33.516	26.351	2.906	-13.649	40.000	23.446	QP
2		94.141	24.005	7.356	-19.495	43.500	16.649	QP
3		125.545	22.165	2.860	-21.335	43.500	19.305	QP
4		250.069	30.461	10.197	-15.539	46.000	20.265	QP
5		599.996	31.682	4.487	-14.318	46.000	27.195	QP
6	*	826.612	36.314	7.291	-9.686	46.000	29.022	QP

Note:

1. " * ", means this data is the worst emission level.
2. Measurement Level = Reading Level + Factor(Probe+Cable-Amp).
3. The test frequency range, 9kHz~30MHz, worst case are at least 20dB below the limits, therefore no data appear in the report.
4. The test frequency range, 18GHz~26GHz test result on peak is lower than average limit, all is the noise base, therefore no data appear in the report.

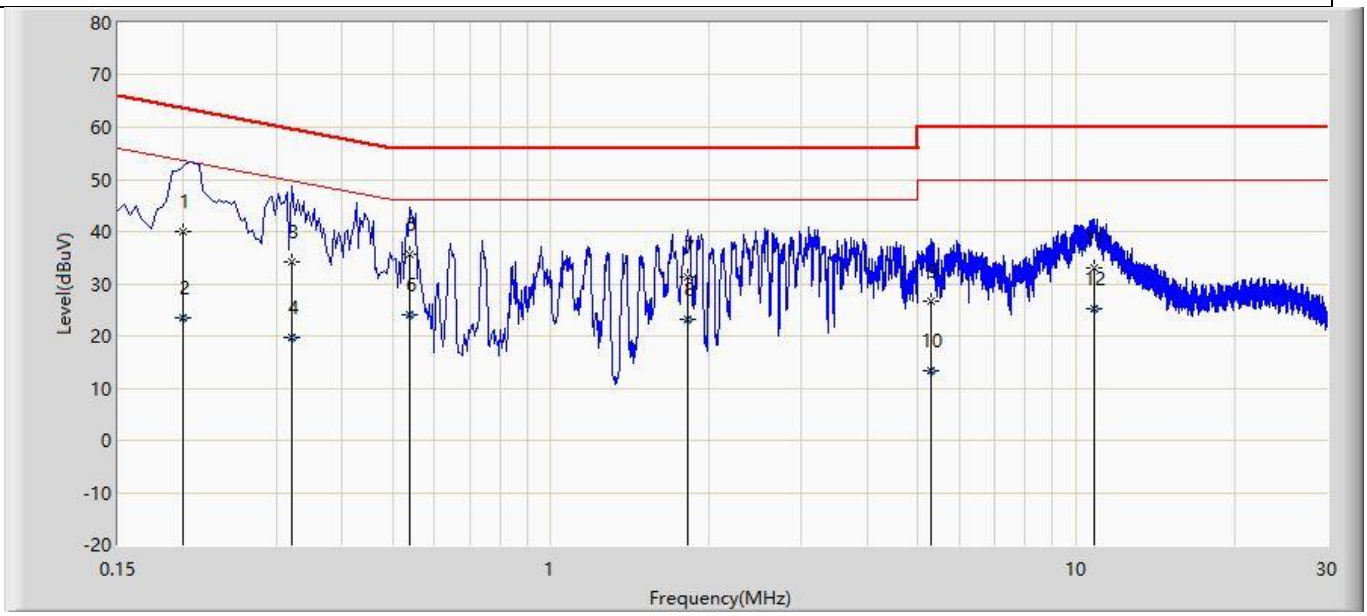
Appendix K: AC Power Line Conducted Emission

Profile: 2530770R	Page No.: 1
Site: TR1	Time: 2025/05/12 - 19:51
Limit: FCC_Part 15.207	Margin: 0
Probe: ENV216_101189(0.009-30MHz)	Polarity: Line
EUT: Smart Controller	Power: 230 Vac / 50Hz
Note: mode 1:Transmit at 2402MHz by DH5	



No	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1		0.158	41.361	31.654	-24.208	65.568	9.706	QP
2		0.158	24.733	15.027	-30.835	55.568	9.706	AV
3	*	0.226	48.340	38.643	-14.255	62.595	9.698	QP
4		0.226	30.636	20.938	-21.960	52.595	9.698	AV
5		0.314	45.319	35.606	-14.545	59.864	9.713	QP
6		0.314	31.287	21.573	-18.577	49.864	9.713	AV
7		0.514	32.307	22.564	-23.693	56.000	9.743	QP
8		0.514	19.659	9.917	-26.341	46.000	9.743	AV
9		0.614	23.792	14.069	-32.208	56.000	9.724	QP
10		0.614	20.749	11.025	-25.251	46.000	9.724	AV
11		10.646	34.771	24.729	-25.229	60.000	10.043	QP
12		10.646	27.072	17.029	-22.928	50.000	10.043	AV

Profile: 2530770R	Page No.: 2
Site: TR1	Time: 2025/05/12 - 19:53
Limit: FCC_Part 15.207	Margin: 0
Probe: ENV216_101189(0.009-30MHz)	Polarity: Neutral
EUT: Smart Controller	Power: 230 Vac / 50Hz
Note: mode 1:Transmit at 2402MHz by DH5	



No	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1		0.199	40.069	30.380	-23.589	63.658	9.689	QP
2		0.199	23.425	13.735	-30.234	53.658	9.689	AV
3		0.322	34.192	24.529	-25.463	59.655	9.663	QP
4		0.322	19.746	10.083	-29.909	49.655	9.663	AV
5	*	0.538	35.673	26.025	-20.327	56.000	9.647	QP
6		0.538	24.054	14.406	-21.946	46.000	9.647	AV
7		1.822	31.374	21.639	-24.626	56.000	9.735	QP
8		1.822	23.109	13.375	-22.891	46.000	9.735	AV
9		5.294	26.616	16.761	-33.384	60.000	9.855	QP
10		5.294	13.294	3.439	-36.706	50.000	9.855	AV
11		10.806	33.055	22.983	-26.945	60.000	10.072	QP
12		10.806	25.322	15.250	-24.678	50.000	10.072	AV

Note:

1. " * ", means this data is the worst emission level.
2. Measurement Level = Reading Level + Factor(Probe+Cable-Amp).

The End