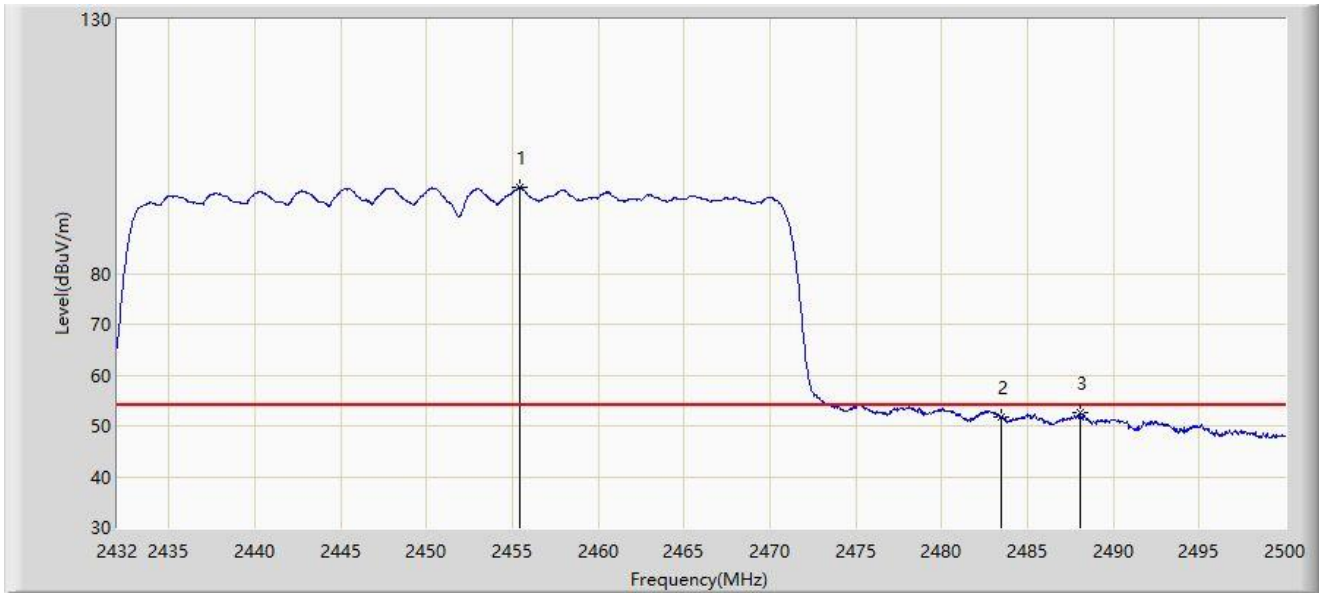


Site: WZ-AC1	Test Date: 2024-03-18
Limit: FCC_2.4G_RE(3m)	Engineer: Ajin Fan
Probe: BBHA9120D_1167_1-18GHz	Polarity: Vertical
EUT: Smart Wi-Fi Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at 2452MHz	



No	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB/m)	Type
1		2455.426	96.951	65.721	N/A	N/A	31.230	AV
2		2483.500	51.732	20.506	-2.268	54.000	31.226	AV
3	*	2488.032	52.580	21.350	-1.420	54.000	31.230	AV

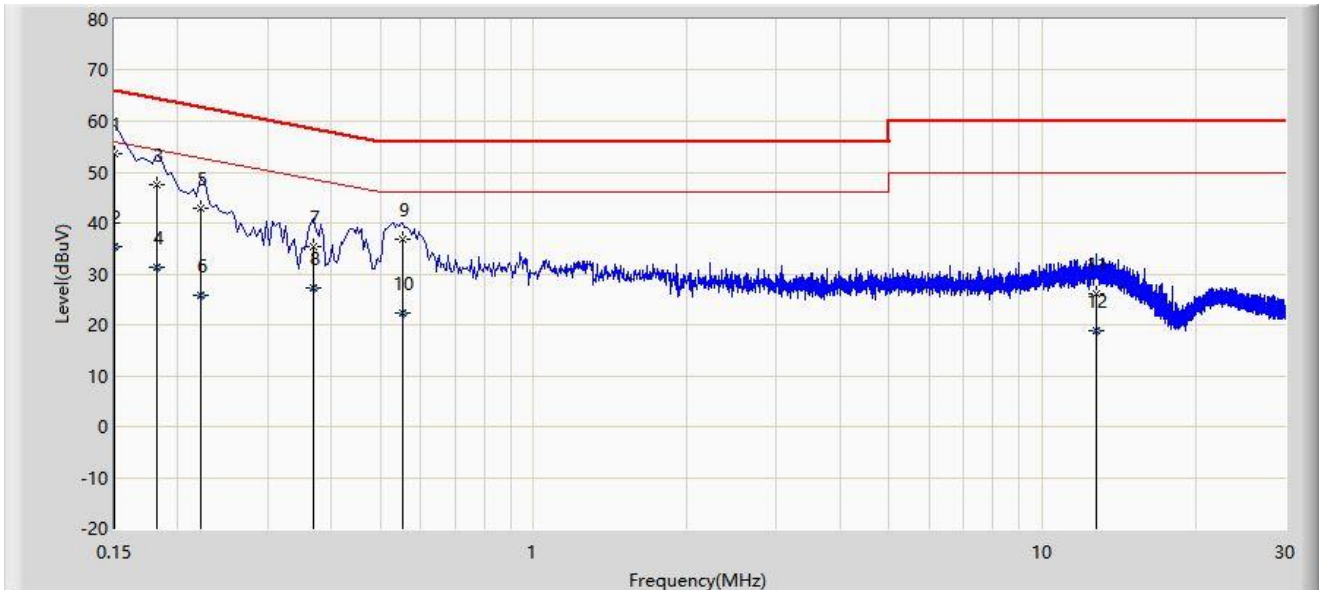
Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

A.8 AC Conducted Emissions Test Result

Site: WZ-SR2	Test Date: 2024-03-15
Temperature: 18.9°C	Humidity: 47.5%
Limit: FCC_Part15.207_CE_AC Power	Engineer: Linda Wei
Probe: ENV216_101683_Filter Off_E	Polarity: Line
EUT: Smart Wi-Fi Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at 2437MHz	



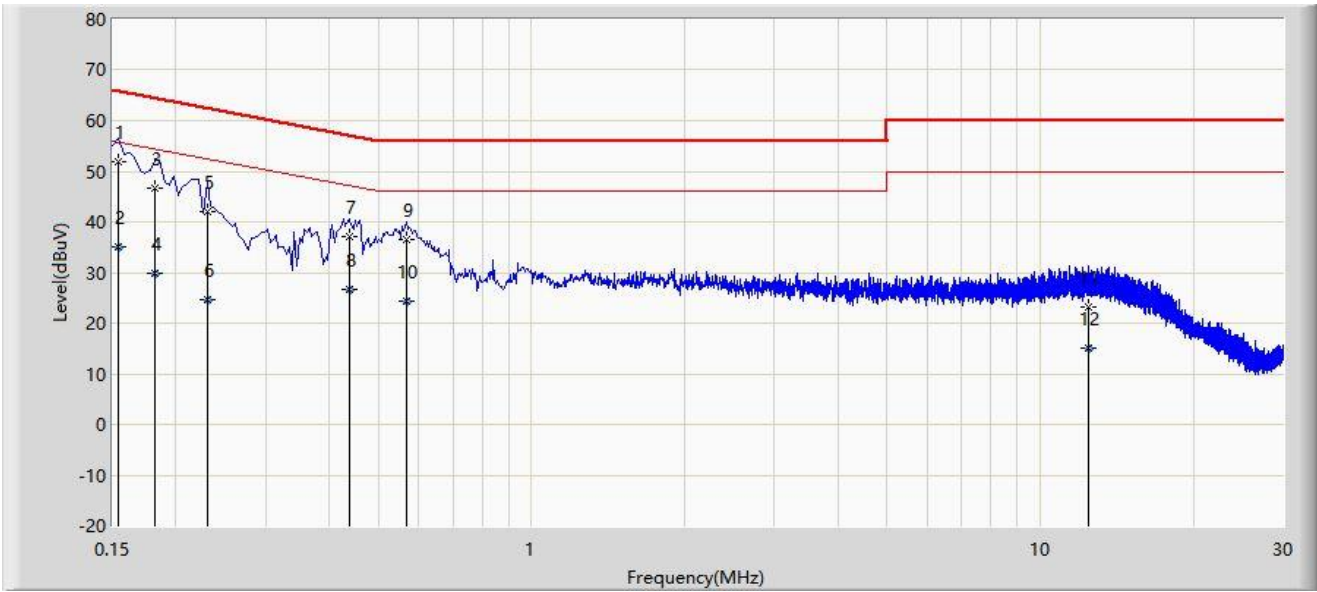
No	Mark	Frequency (MHz)	Measure Level (dBμV)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV)	Factor (dB)	Type
1	*	0.150	53.541	43.776	-12.459	66.000	9.766	QP
2		0.150	35.364	25.598	-20.636	56.000	9.766	AV
3		0.182	47.600	37.820	-16.794	64.394	9.780	QP
4		0.182	31.283	21.503	-23.111	54.394	9.780	AV
5		0.222	42.840	33.044	-19.904	62.744	9.797	QP
6		0.222	25.759	15.963	-26.985	52.744	9.797	AV
7		0.370	35.491	25.630	-23.010	58.501	9.862	QP
8		0.370	27.183	17.322	-21.318	48.501	9.862	AV
9		0.554	36.857	26.895	-19.143	56.000	9.962	QP
10		0.554	22.413	12.452	-23.587	46.000	9.962	AV
11		12.806	25.966	14.612	-34.034	60.000	11.354	QP
12		12.806	18.884	7.530	-31.116	50.000	11.354	AV

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBμV) = Reading Level (dBμV) + Factor (dB).

Note 3: Factor (dB) = Cable Loss (dB) + LISN Factor (dB).

Site: WZ-SR2	Test Date: 2024-03-15
Temperature: 18.9°C	Humidity: 47.5%
Limit: FCC_Part15.207_CE_AC Power	Engineer: Linda Wei
Probe: ENV216_101683_Filter Off_E	Polarity: Neutral
EUT: Smart Wi-Fi Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at 2437MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV)	Factor (dB)	Type
1	*	0.154	51.976	42.201	-13.806	65.781	9.774	QP
2		0.154	34.940	25.166	-20.841	55.781	9.774	AV
3		0.182	46.810	37.028	-17.584	64.394	9.781	QP
4		0.182	29.913	20.132	-24.481	54.394	9.781	AV
5		0.230	41.996	32.197	-20.453	62.450	9.800	QP
6		0.230	24.692	14.892	-27.758	52.450	9.800	AV
7		0.438	37.083	27.176	-20.017	57.100	9.907	QP
8		0.438	26.730	16.823	-20.369	47.100	9.907	AV
9		0.566	36.620	26.642	-19.380	56.000	9.978	QP
10		0.566	24.372	14.394	-21.628	46.000	9.978	AV
11		12.430	23.218	11.872	-36.782	60.000	11.346	QP
12		12.430	15.216	3.870	-34.784	50.000	11.346	AV

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBμV) = Reading Level (dBμV) + Factor (dB).

Note 3: Factor (dB) = Cable Loss (dB) + LISN Factor (dB).

Appendix B – Test Setup Photograph

Refer to “2402RSU012-UT” file.

Appendix C – EUT Photograph

Refer to “2402RSU012-UE” file.

_____ The End _____