

7.8. AC Conducted Emissions Measurement

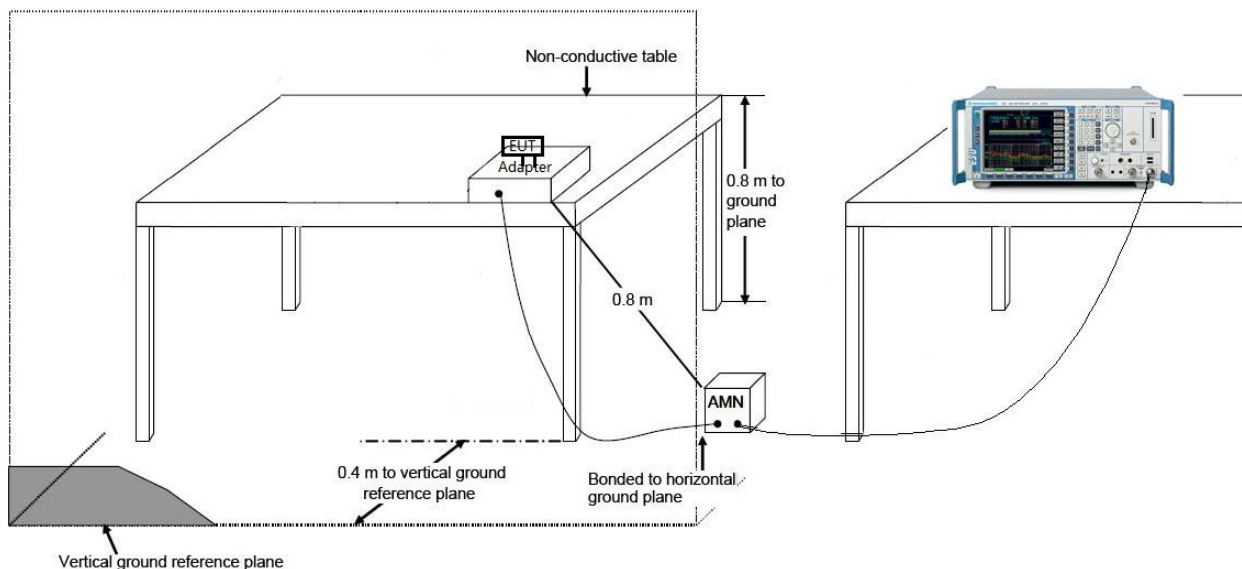
7.8.1. Test Limit

FCC Part 15 Subpart C Paragraph 15.207 / RSS-Gen Limits		
Frequency (MHz)	QP (dB μ V)	Average (dB μ V)
0.15 - 0.50	66 - 56	56 - 46
0.50 - 5.0	56	46
5.0 - 30	60	50

Note 1: The lower limit shall apply at the transition frequencies.

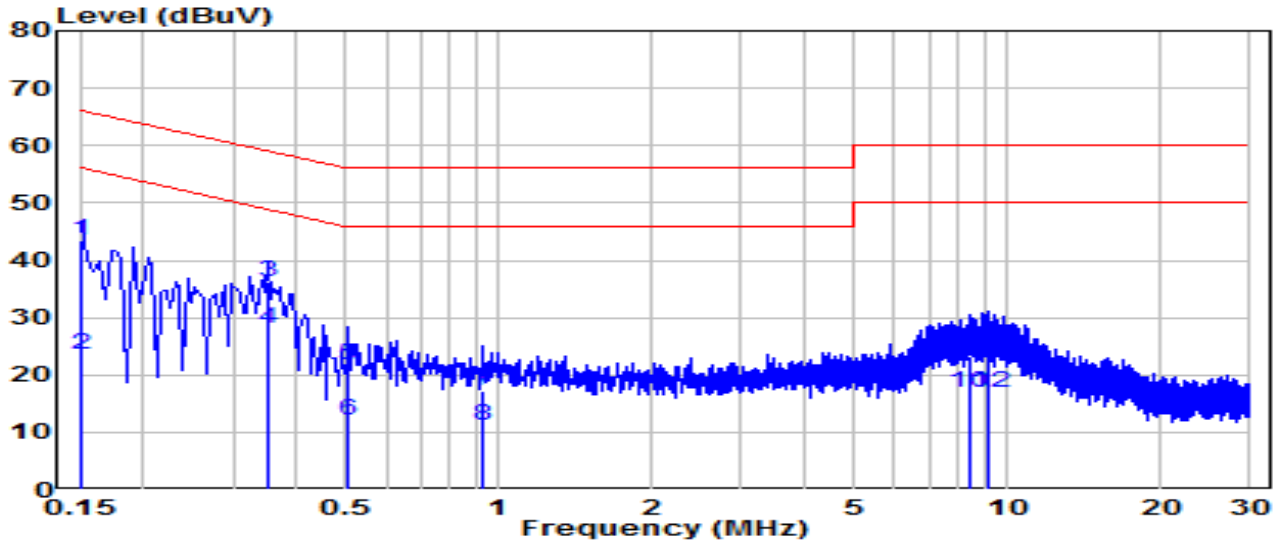
Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.5MHz.

7.8.2. Test Setup



7.8.3. Test Result

EUT	Smart touch panel table	Date of Test	2025-02-26
Factor	CE_ENV216-L1 (Filter ON)	Temp. / Humidity	21.5°C /64%
Polarity	Line1	Site / Test Engineer	SR2 / Ryan
Test Mode	802.11n-20MHz_TX_CH6_Ant 0+1	Test Voltage	AC 120V/60Hz

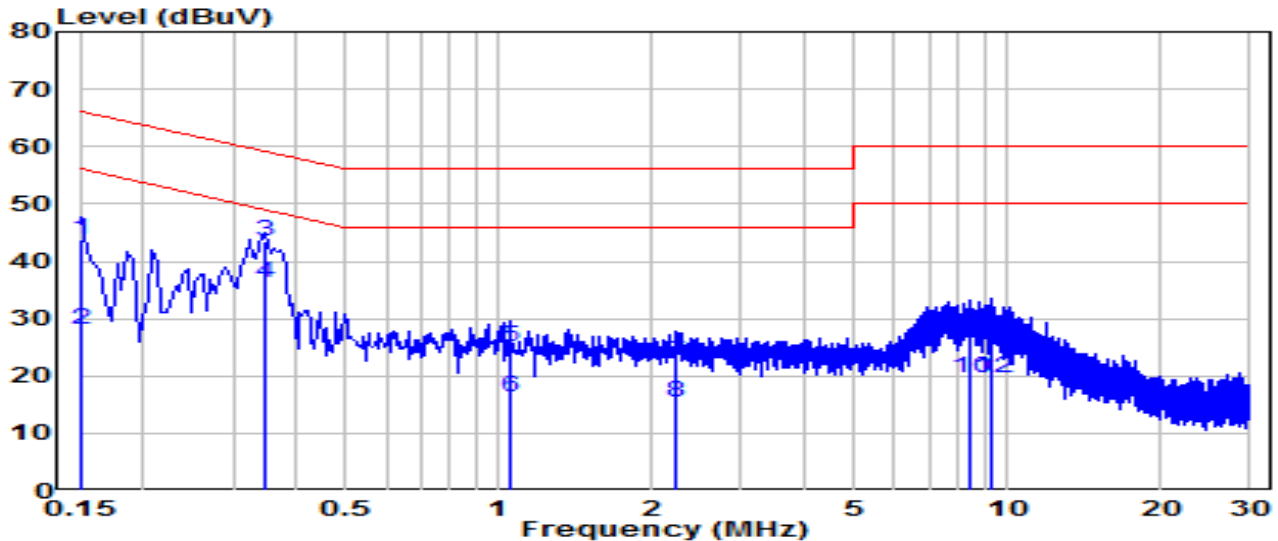


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV)	Margin (dB)	Limit (dBuV)	Remark (QP/PK/AV)
1	0.150	33.89	9.63	43.52	-22.48	66.00	QP
2	0.150	13.87	9.63	23.50	-32.50	56.00	Average
3	* 0.352	26.65	9.64	36.29	-22.62	58.90	QP
4	* 0.352	18.50	9.64	28.14	-20.77	48.90	Average
5	0.505	12.08	9.65	21.73	-34.27	56.00	QP
6	0.505	2.28	9.65	11.94	-34.06	46.00	Average
7	0.933	7.60	9.68	17.28	-38.72	56.00	QP
8	0.933	1.48	9.68	11.16	-34.84	46.00	Average
9	8.389	13.43	9.83	23.26	-36.74	60.00	QP
10	8.389	7.07	9.83	16.90	-33.10	50.00	Average
11	9.212	13.85	9.85	23.71	-36.29	60.00	QP
12	9.212	7.19	9.85	17.04	-32.96	50.00	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = LISN Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV) = Reading(dBuV) + C.F (Correction Factor).

EUT	Smart touch panel table	Date of Test	2025-02-26
Factor	CE_ENV216-N (Filter ON)	Temp. / Humidity	21.5°C /64%
Polarity	Neutral	Site / Test Engineer	SR2 / Ryan
Test Mode	802.11n-20MHz_TX_CH6_Ant 0+1	Test Voltage	AC 120V/60Hz



No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV)	Margin (dB)	Limit (dBuV)	Remark (QP/PK/AV)
1	0.150	34.08	9.63	43.71	-22.29	66.00	QP
2	0.150	18.52	9.63	28.15	-27.85	56.00	Average
3	* 0.348	33.82	9.64	43.46	-15.55	59.01	QP
4	* 0.348	26.69	9.64	36.33	-12.68	49.01	Average
5	1.054	15.25	9.68	24.93	-31.07	56.00	QP
6	1.054	6.62	9.68	16.30	-29.70	46.00	Average
7	2.220	12.67	9.71	22.38	-33.62	56.00	QP
8	2.220	5.61	9.71	15.32	-30.68	46.00	Average
9	8.429	17.62	9.85	27.47	-32.53	60.00	QP
10	8.429	9.71	9.85	19.56	-30.44	50.00	Average
11	9.307	17.16	9.87	27.03	-32.97	60.00	QP
12	9.307	9.61	9.87	19.48	-30.52	50.00	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = LISN Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV) = Reading(dBuV) + C.F (Correction Factor).

8. CONCLUSION

The data collected relate only the item(s) tested and show that the **Smart touch panel tablet**, is in compliance with Part 15C of the FCC Rules.

Appendix A : Test Photograph

Refer to “2502TWN802-UT” file.

Appendix B : External Photograph

Refer to “2502TWN802-UE” file.

Appendix C : Internal Photograph

Refer to “2502TWN802-UI” file.

————— The End —————