

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-06-13

Tested By:

Cao Jie

Test Mode:

TX 11B 2412MHz Mode

Power Supply:

DC 3.3V

Condition:

Temp:24.3°C;Humi:53.4%

Test Site:

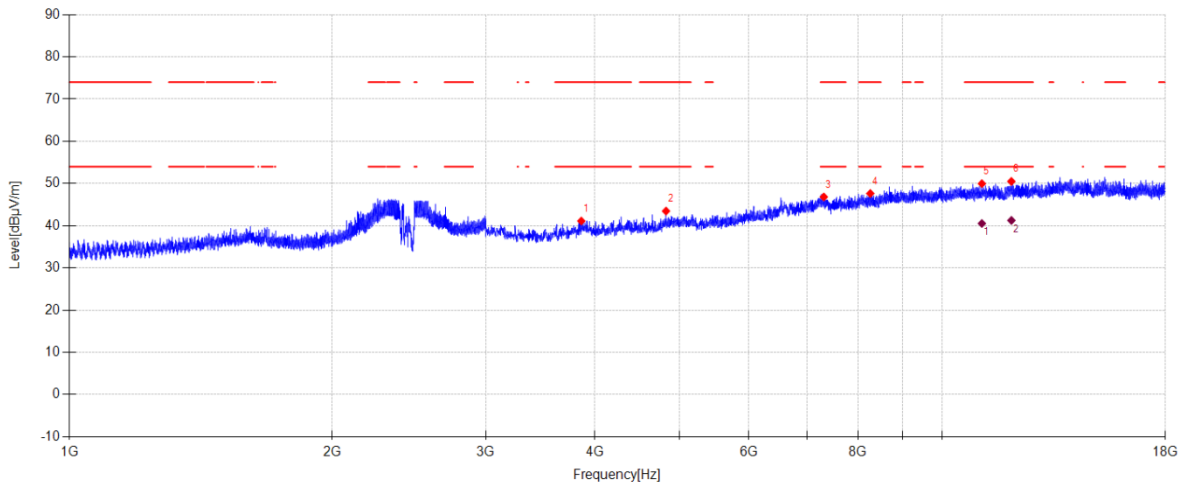
4# Fully Anechoic Room

File Path:

d:\ts\2026 report date\Q26060910-2E\FCC ABOVE 1G 2.4G\16

Memo:

Sample Number:S26060910-003



Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	3858.000	49.75	31.52	-40.15	41.12	74.00	32.88	PK	Vertical
2	4824.000	50.58	33.30	-40.41	43.47	74.00	30.53	PK	Vertical
3	7314.000	48.28	37.62	-39.08	46.82	74.00	27.18	PK	Vertical
4	8266.500	47.87	37.93	-38.17	47.63	74.00	26.37	PK	Vertical
5	11095.500	45.58	39.70	-35.31	49.97	74.00	24.03	PK	Vertical
6	11994.000	45.34	39.79	-34.63	50.50	74.00	23.50	PK	Vertical

Final Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	11095.500	36.14	39.70	-35.31	40.53	54.00	13.47	AV	Vertical
2	11994.000	36.10	39.79	-34.63	41.26	54.00	12.74	AV	Vertical

Note:

1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

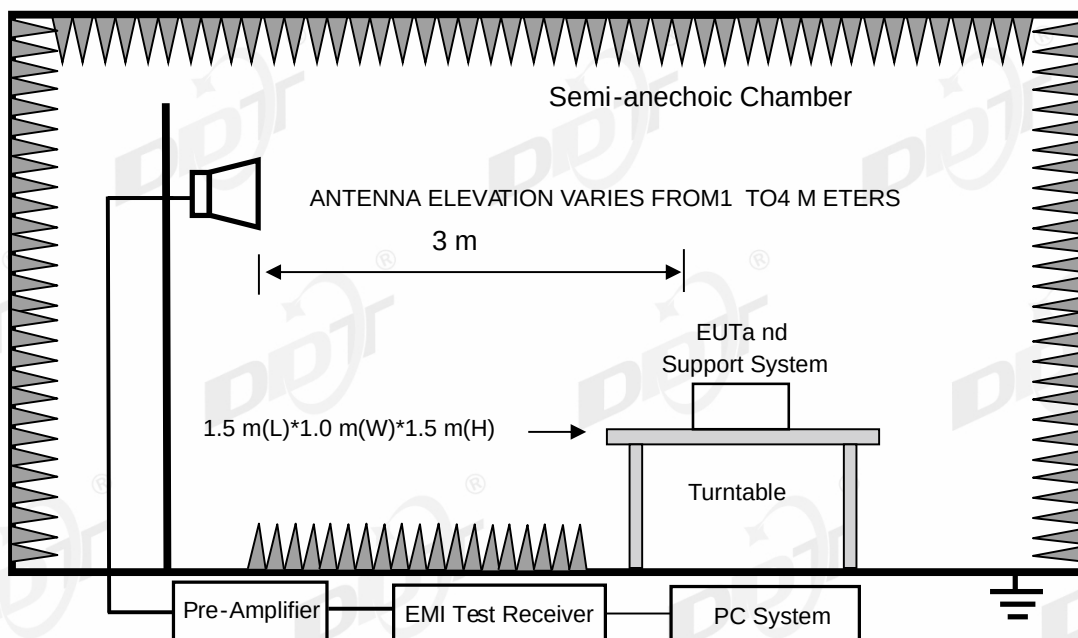
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

13. Band Edge Compliance

13.1. Test equipment

Equipment	Manufacturer	Model No.	Serial No.	Cal Due To
Band Reject Filter Group	Tonscend	JS0806-F	DDT-ZC05733	/
Hochgewinn-Hornantenne	SCHWARZBEC K	BBHA 9120 D	DDT-ZC05922	2027/01/06
Broadband Preamplifier	HPX	BP-01G-18G	DDT-ZC05923	2027/01/06
Pre-amplifier	COM-POWER	PAM-840A	DDT-ZC01693	2027/03/05
Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	DDT-ZC00506	2027/03/04
Signal & Spectrum analyzer	R&S	FSV40-N	DDT-ZC04979	2026/07/04
SPECTRUM ANALYZER	R&S	FSU26	DDT-ZC00236	2027/06/25
RF Cable	Tonscend	7+1+1+0.5+0.5m	DDT-ZC05978	2027/01/29
Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	DDT-ZC00506	2027/03/04
PSA Series Spectrum Analyzer	Agilent	E4447A	DDT-ZC00517	2027/02/27
RF cable	Zhongke Junchuang	JCT40P-2.92J-2.92J-1M	DDT-ZC03802	2026/10/10
Radiation disturbance fully automated test software	Tonscend	JS-RE&RSE (V5.0.0)	DDT-ZC06466	/

13.2. Block diagram of test setup



13.3. Limits

All restriction band should comply with 15.209 and RSS-Gen section 8.9 limits, other emission should be at least 20 dB below the fundamental.

13.4. Assistant equipment used for test

Assistant equipment	Manufacturer	Model number	Description	other
/	/	/	/	/

13.5. Test procedure

Same with Radiated Emission except change investigated frequency range.

Remark: All restriction band have been tested, and only the worst case is shown in report.

13.6. Test result

PASS. (See below detailed test result)

13.7. Test data

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-06-13

Tested By:

Cao Jie

Test Mode:

TX 11B 2462MHz Mode

Power Supply:

DC 3.3V

Condition:

Temp:24.3°C;Humi:53.4%

Test Site:

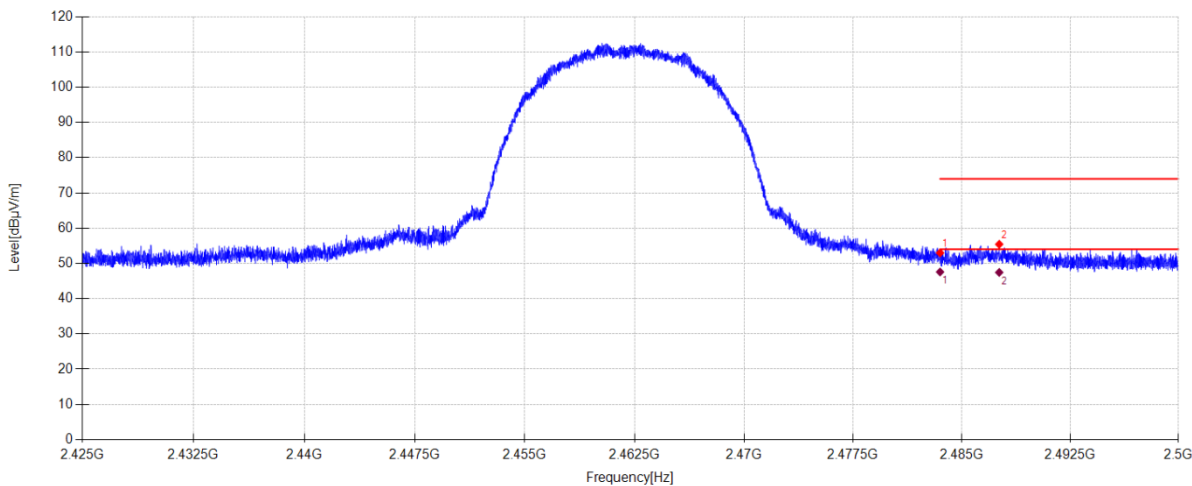
4# Fully Anechoic Room

File Path:

d:\ts\2026 report date\Q26060910-2E\FCC ABOVE 1G 2.4G\17

Memo:

Sample Number:S26060910-003



Suspected Data List									
NO	Freq. [MHz]	Reading [dBV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2483.500	53.11	28.60	-28.72	52.99	74.00	21.01	PK	Horizontal
2	2487.588	55.52	28.63	-28.72	55.43	74.00	18.57	PK	Horizontal

Final Data List									
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2483.500	47.69	28.60	-28.72	47.57	54.00	6.43	AV	Horizontal
2	2487.588	47.54	28.63	-28.72	47.45	54.00	6.55	AV	Horizontal

Note:

1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-06-13

Tested By:

Cao Jie

Test Mode:

TX 11B 2462MHz Mode

Power Supply:

DC 3.3V

Condition:

Temp:24.3°C;Humi:53.4%

Test Site:

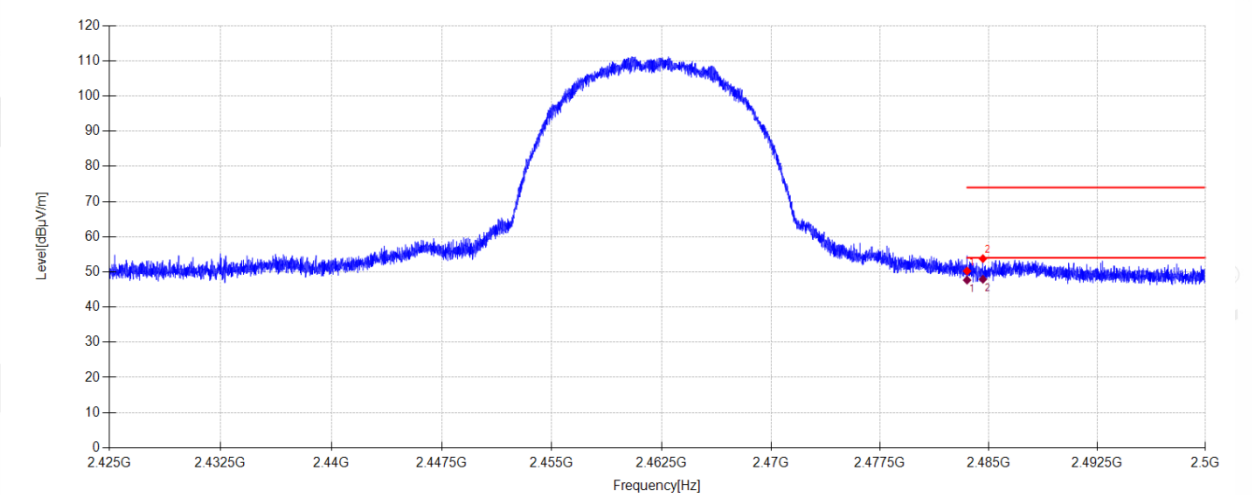
4# Fully Anechoic Room

File Path:

d:\ts\2026 report date\Q26060910-2E\FCC ABOVE 1G 2.4G\18

Memo:

Sample Number:S26060910-003



Suspected Data List									
NO	Freq. [MHz]	Reading [dBV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2483.500	50.37	28.60	-28.72	50.25	74.00	23.75	PK	Vertical
2	2484.595	53.87	28.61	-28.72	53.76	74.00	20.24	PK	Vertical

Final Data List									
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2483.500	47.78	28.60	-28.72	47.66	54.00	6.34	AV	Vertical
2	2484.595	48.01	28.61	-28.72	47.90	54.00	6.10	AV	Vertical

Note:

1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-06-13

Tested By:

Cao Jie

Test Mode:

TX 11B 2412MHz Mode

Power Supply:

DC 3.3V

Condition:

Temp:24.3°C;Humi:53.4%

Test Site:

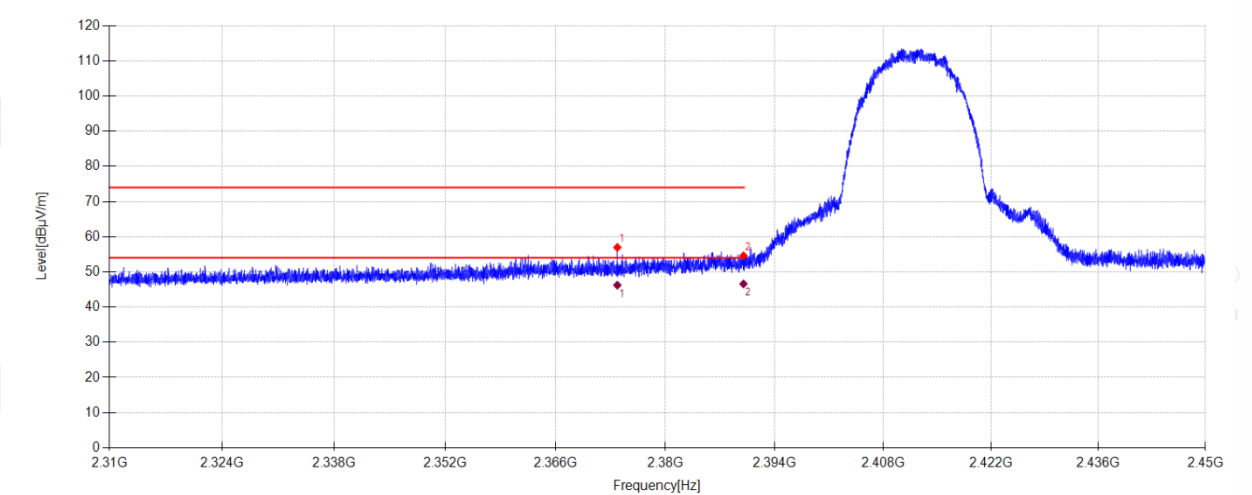
4# Fully Anechoic Room

File Path:

d:\ts\2026 report date\Q26060910-2E\FCC ABOVE 1G 2.4G\19

Memo:

Sample Number:S26060910-003



Suspected Data List									
NO	Freq. [MHz]	Reading [dBV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2373.868	57.48	28.15	-28.67	56.96	74.00	17.04	PK	Horizontal
2	2390.000	55.02	28.18	-28.63	54.57	74.00	19.43	PK	Horizontal

Final Data List									
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2373.868	46.75	28.15	-28.67	46.23	54.00	7.77	AV	Horizontal
2	2390.000	47.04	28.18	-28.63	46.59	54.00	7.41	AV	Horizontal

Note:

1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-06-13

Tested By:

Cao Jie

Test Mode:

TX 11B 2412MHz Mode

Power Supply:

DC 3.3V

Condition:

Temp:24.3°C;Humi:53.4%

Test Site:

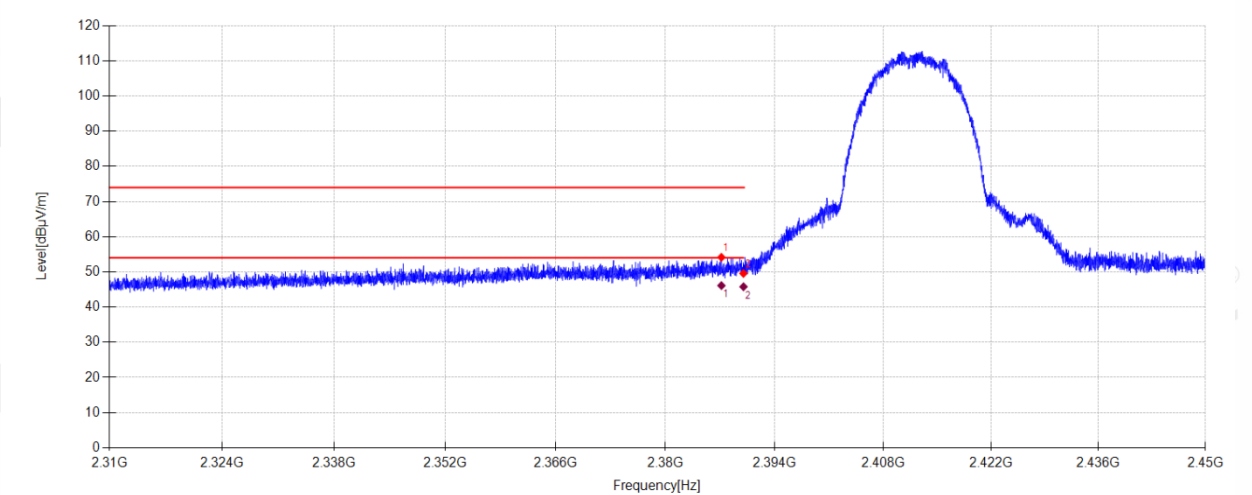
4# Fully Anechoic Room

File Path:

d:\ts\2026 report date\Q26060910-2E\FCC ABOVE 1G 2.4G\20

Memo:

Sample Number:S26060910-003



Suspected Data List									
NO	Freq. [MHz]	Reading [dBV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2387.168	54.62	28.17	-28.64	54.15	74.00	19.85	PK	Vertical
2	2390.000	50.02	28.18	-28.63	49.57	74.00	24.43	PK	Vertical

Final Data List									
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2387.168	46.58	28.17	-28.64	46.11	54.00	7.89	AV	Vertical
2	2390.000	46.23	28.18	-28.63	45.78	54.00	8.22	AV	Vertical

Note:

1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-06-13

Tested By:

Cao Jie

Test Mode:

TX 11G 2462MHz Mode

Power Supply:

DC 3.3V

Condition:

Temp:24.3°C;Humi:53.4%

Test Site:

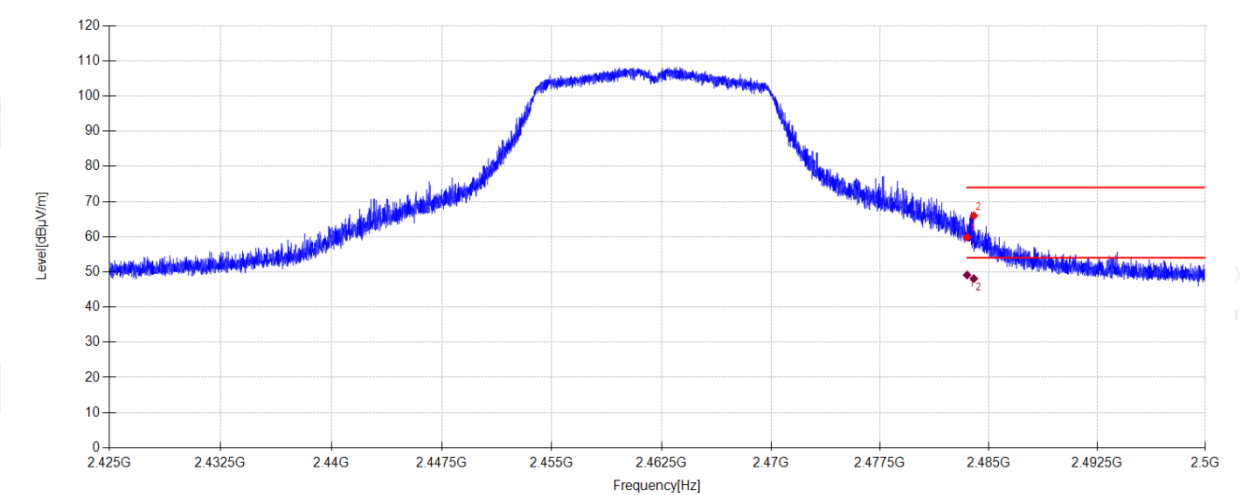
4# Fully Anechoic Room

File Path:

d:\ts\2026 report date\Q26060910-2E\FCC ABOVE 1G 2.4G\21

Memo:

Sample Number:S26060910-003



Suspected Data List									
NO	Freq. [MHz]	Reading [dBV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2483.500	59.97	28.60	-28.72	59.85	74.00	14.15	PK	Horizontal
2	2483.973	66.09	28.60	-28.72	65.97	74.00	8.03	PK	Horizontal

Final Data List									
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2483.500	49.22	28.60	-28.72	49.10	54.00	4.90	AV	Horizontal
2	2483.970	48.20	28.60	-28.72	48.08	54.00	5.92	AV	Horizontal

Note:

- If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-06-13

Tested By:

Cao Jie

Test Mode:

TX 11G 2462MHz Mode

Power Supply:

DC 3.3V

Condition:

Temp:24.3°C;Humi:53.4%

Test Site:

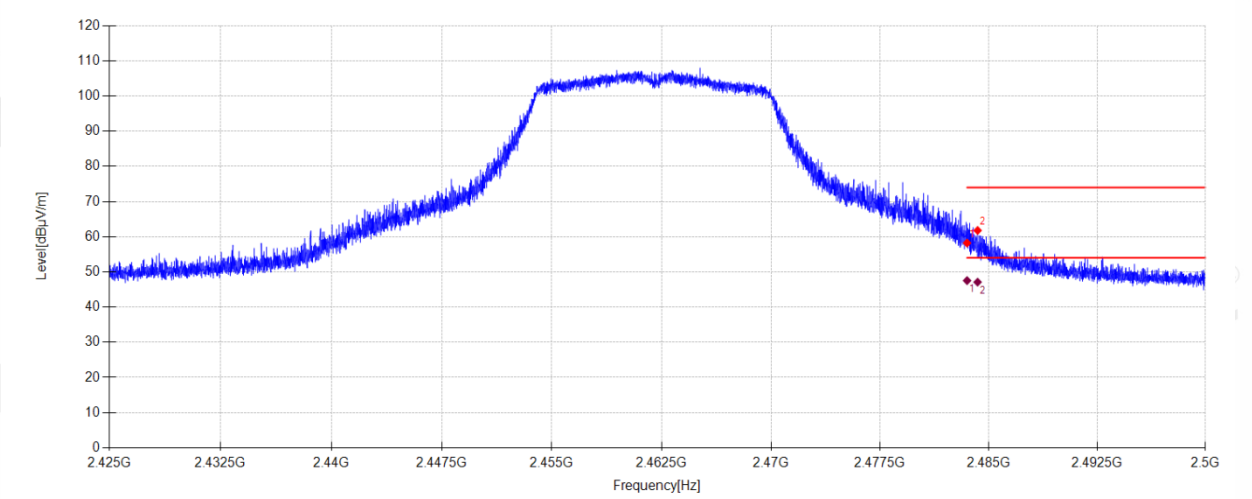
4# Fully Anechoic Room

File Path:

d:\ts\2026 report date\Q26060910-2E\FCC ABOVE 1G 2.4G\22

Memo:

Sample Number:S26060910-003



Suspected Data List									
NO	Freq. [MHz]	Reading [dBV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2483.500	58.33	28.60	-28.72	58.21	74.00	15.79	PK	Vertical
2	2484.228	61.89	28.61	-28.72	61.78	74.00	12.22	PK	Vertical

Final Data List									
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2483.500	47.65	28.60	-28.72	47.53	54.00	6.47	AV	Vertical
2	2484.228	47.21	28.61	-28.72	47.10	54.00	6.90	AV	Vertical

Note:

- If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-06-13

Tested By:

Cao Jie

Test Mode:

TX 11G 2412MHz Mode

Power Supply:

DC 3.3V

Condition:

Temp:24.3°C;Humi:53.4%

Test Site:

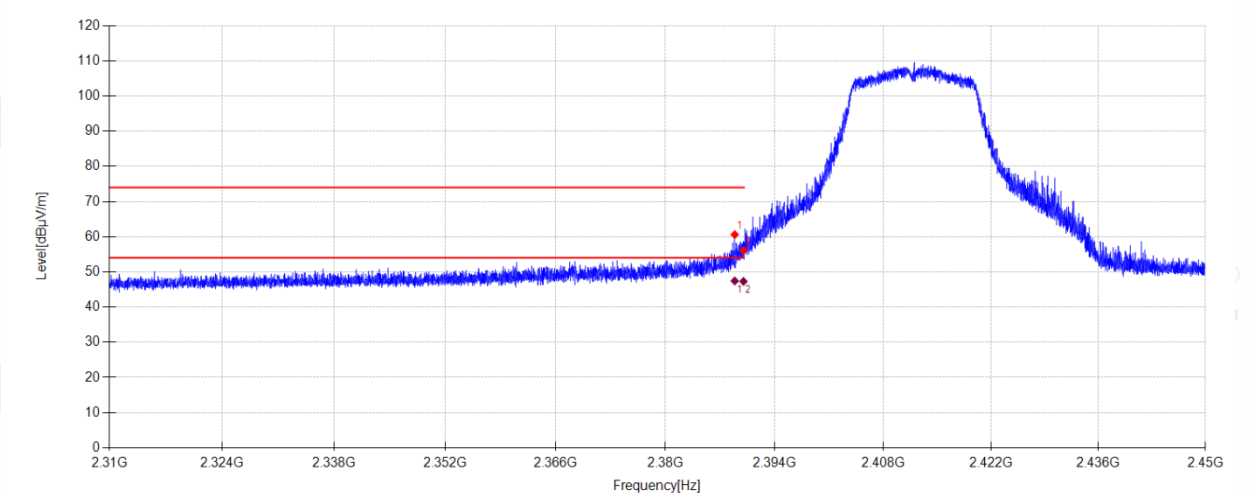
4# Fully Anechoic Room

File Path:

d:\ts\2026 report date\Q26060910-2E\FCC ABOVE 1G 2.4G\23

Memo:

Sample Number:S26060910-003



Suspected Data List									
NO	Freq. [MHz]	Reading [dBV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2388.876	61.06	28.18	-28.64	60.60	74.00	13.40	PK	Horizontal
2	2390.000	56.50	28.18	-28.63	56.05	74.00	17.95	PK	Horizontal

Final Data List									
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2388.876	47.89	28.18	-28.64	47.43	54.00	6.57	AV	Horizontal
2	2390.000	47.76	28.18	-28.63	47.31	54.00	6.69	AV	Horizontal

Note:

- If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-06-13

Tested By:

Cao Jie

Test Mode:

TX 11G 2412MHz Mode

Power Supply:

DC 3.3V

Condition:

Temp:24.3°C;Humi:53.4%

Test Site:

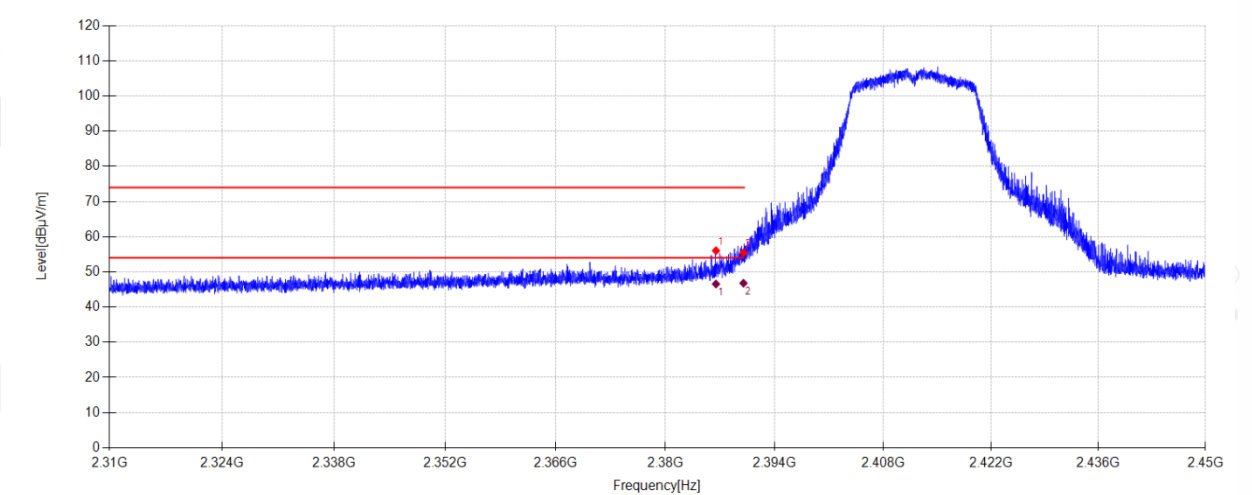
4# Fully Anechoic Room

File Path:

d:\ts\2026 report date\Q26060910-2E\FCC ABOVE 1G 2.4G\24

Memo:

Sample Number:S26060910-003



Suspected Data List									
NO	Freq. [MHz]	Reading [dBV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2386.468	56.50	28.17	-28.64	56.03	74.00	17.97	PK	Vertical
2	2390.000	55.90	28.18	-28.63	55.45	74.00	18.55	PK	Vertical

Final Data List									
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2386.468	47.03	28.17	-28.64	46.56	54.00	7.44	AV	Vertical
2	2390.000	47.24	28.18	-28.63	46.79	54.00	7.21	AV	Vertical

Note:

- If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-06-15

Tested By:

Cao Jie

Test Mode:

TX 11N40 2452MHz Mode

Power Supply:

DC 3.3V

Condition:

Temp:24.3°C;Humi:53.4%

Test Site:

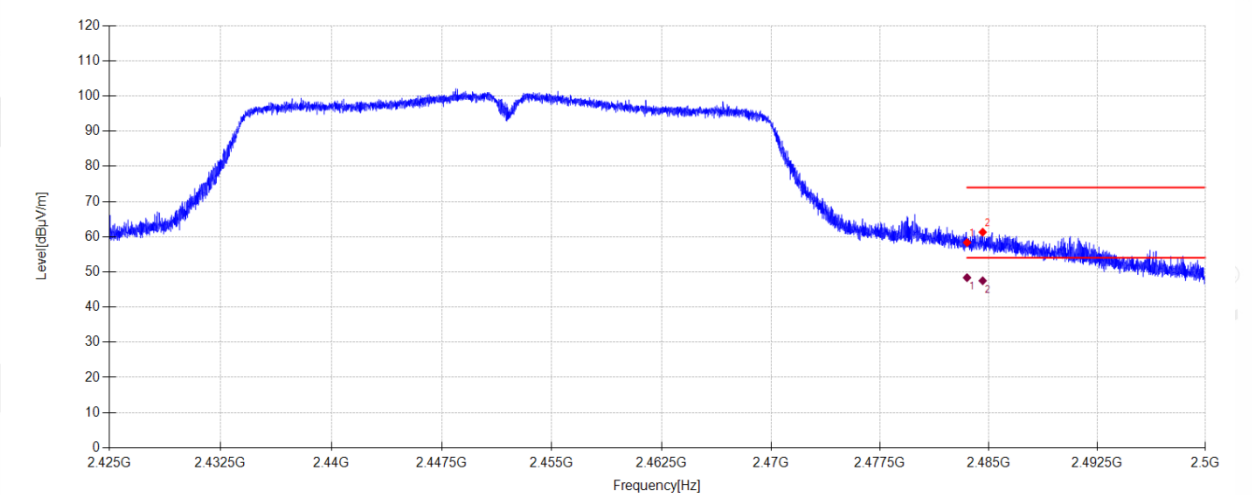
4# Fully Anechoic Room

File Path:

d:\ts\2026 report date\Q26060910-2E\FCC ABOVE 1G 2.4G\25

Memo:

Sample Number:S26060910-003



Suspected Data List									
NO	Freq. [MHz]	Reading [dBV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2483.500	58.47	28.60	-28.72	58.35	74.00	15.65	PK	Horizontal
2	2484.580	61.40	28.61	-28.72	61.29	74.00	12.71	PK	Horizontal

Final Data List									
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2483.497	48.49	28.60	-28.72	48.37	54.00	5.63	AV	Horizontal
2	2484.580	47.59	28.61	-28.72	47.48	54.00	6.52	AV	Horizontal

Note:

1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-06-15

Tested By:

Cao Jie

Test Mode:

TX 11N40 2452MHz Mode

Power Supply:

DC 3.3V

Condition:

Temp:24.3°C;Humi:53.4%

Test Site:

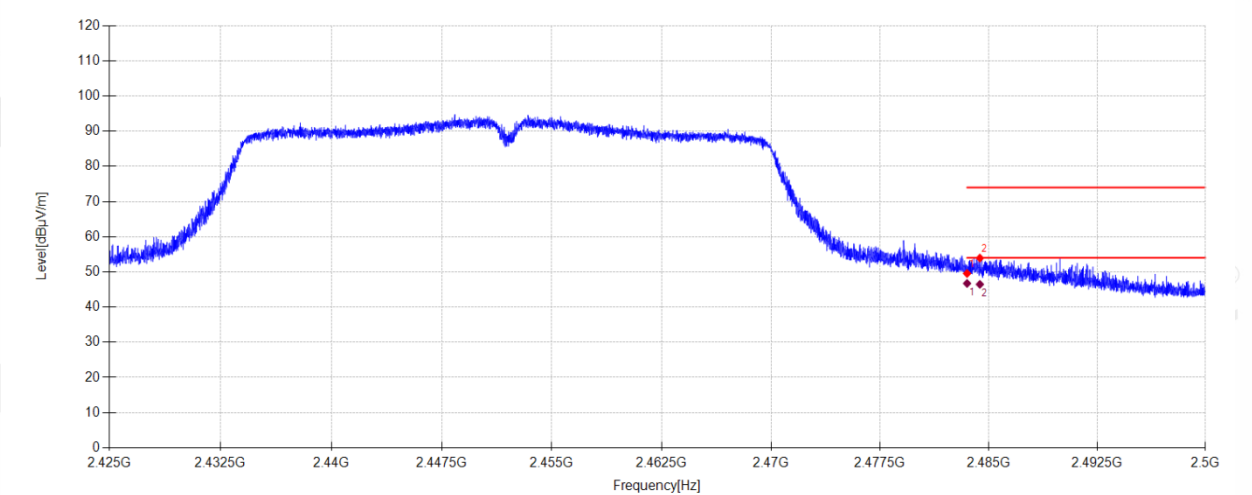
4# Fully Anechoic Room

File Path:

d:\ts\2026 report date\Q26060910-2E\FCC ABOVE 1G 2.4G\26

Memo:

Sample Number:S26060910-003



Suspected Data List									
NO	Freq. [MHz]	Reading [dBV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2483.500	49.67	28.60	-28.72	49.55	74.00	24.45	PK	Vertical
2	2484.385	54.04	28.61	-28.72	53.93	74.00	20.07	PK	Vertical

Final Data List									
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2483.500	46.85	28.60	-28.72	46.73	54.00	7.27	AV	Vertical
2	2484.385	46.57	28.61	-28.72	46.46	54.00	7.54	AV	Vertical

Note:

1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-06-15

Tested By:

Cao Jie

Test Mode:

TX 11N40 2422MHz Mode

Power Supply:

DC 3.3V

Condition:

Temp:24.3°C;Humi:53.4%

Test Site:

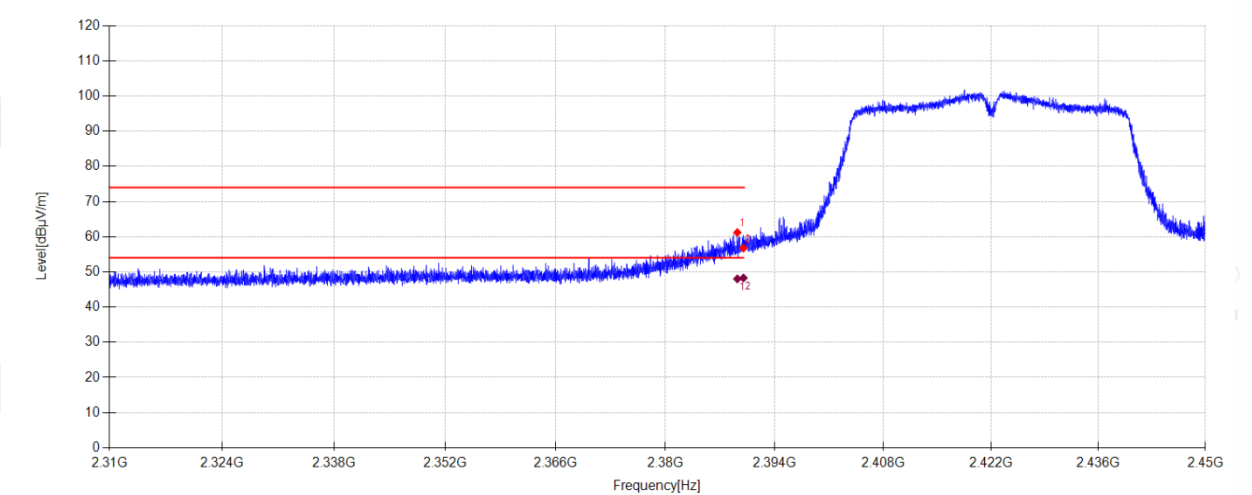
4# Fully Anechoic Room

File Path:

d:\ts\2026 report date\Q26060910-2E\FCC ABOVE 1G 2.4G\27

Memo:

Sample Number:S26060910-003



Suspected Data List									
NO	Freq. [MHz]	Reading [dBV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2389.212	61.65	28.18	-28.63	61.20	74.00	12.80	PK	Horizontal
2	2390.000	57.21	28.18	-28.63	56.76	74.00	17.24	PK	Horizontal

Final Data List									
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2389.212	48.46	28.18	-28.63	48.01	54.00	5.99	AV	Horizontal
2	2390.000	48.72	28.18	-28.63	48.27	54.00	5.73	AV	Horizontal

Note:

1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-06-15

Tested By:

Cao Jie

Test Mode:

TX 11N40 2422MHz Mode

Power Supply:

DC 3.3V

Condition:

Temp:24.3°C;Humi:53.4%

Test Site:

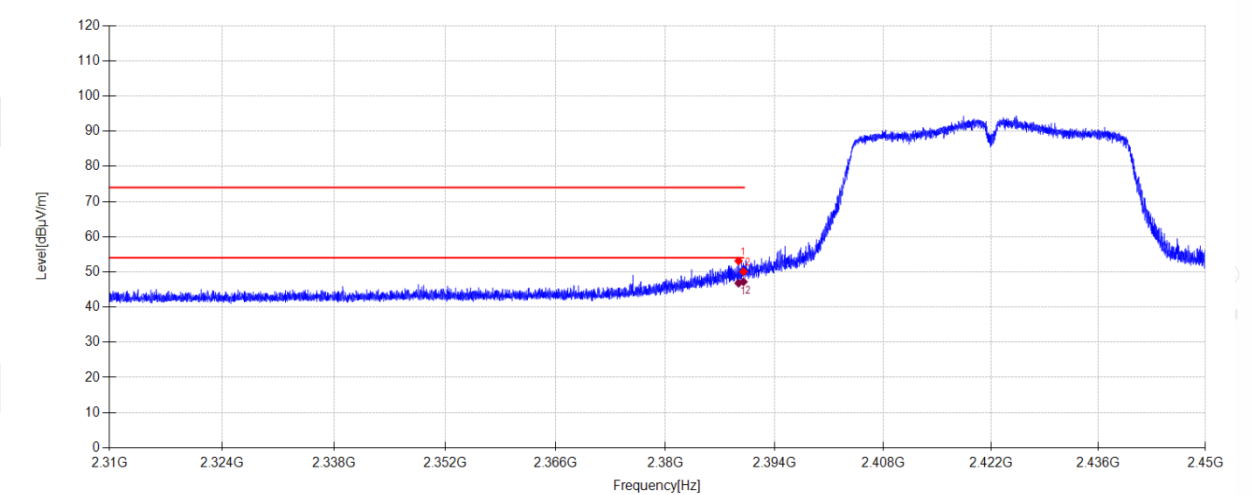
4# Fully Anechoic Room

File Path:

d:\ts\2026 report date\Q26060910-2E\FCC ABOVE 1G 2.4G\28

Memo:

Sample Number:S26060910-003



Suspected Data List									
NO	Freq. [MHz]	Reading [dBV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2389.366	53.56	28.18	-28.63	53.11	74.00	20.89	PK	Vertical
2	2390.000	50.53	28.18	-28.63	50.08	74.00	23.92	PK	Vertical

Final Data List									
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2389.366	47.24	28.18	-28.63	46.79	54.00	7.21	AV	Vertical
2	2390.000	47.63	28.18	-28.63	47.18	54.00	6.82	AV	Vertical

Note:

1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-06-15

Tested By:

Cao Jie

Test Mode:

TX 11AX20 2462MHz Mode

Power Supply:

DC 3.3V

Condition:

Temp:24.3°C;Humi:53.4%

Test Site:

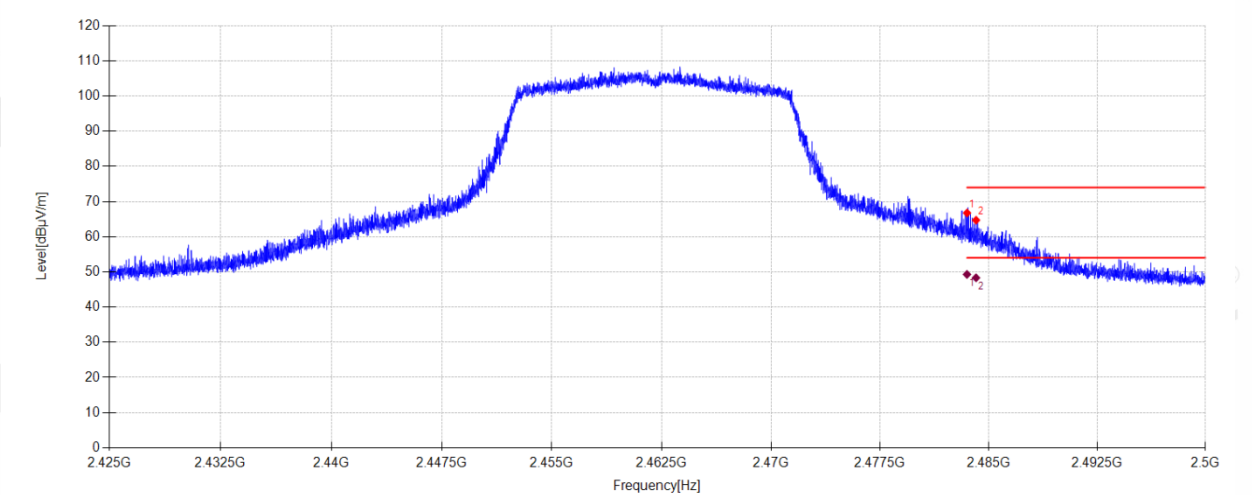
4# Fully Anechoic Room

File Path:

d:\ts\2026 report date\Q26060910-2E\FCC ABOVE 1G 2.4G\29

Memo:

Sample Number:S26060910-003



Suspected Data List									
NO	Freq. [MHz]	Reading [dBV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2483.500	66.88	28.60	-28.72	66.76	74.00	7.24	PK	Horizontal
2	2484.123	64.82	28.60	-28.72	64.70	74.00	9.30	PK	Horizontal

Final Data List									
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2483.496	49.41	28.60	-28.72	49.29	54.00	4.71	AV	Horizontal
2	2484.120	48.44	28.60	-28.72	48.32	54.00	5.68	AV	Horizontal

Note:

- If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-06-15

Tested By:

Cao Jie

Test Mode:

TX 11AX20 2462MHz Mode

Power Supply:

DC 3.3V

Condition:

Temp:24.3°C;Humi:53.4%

Test Site:

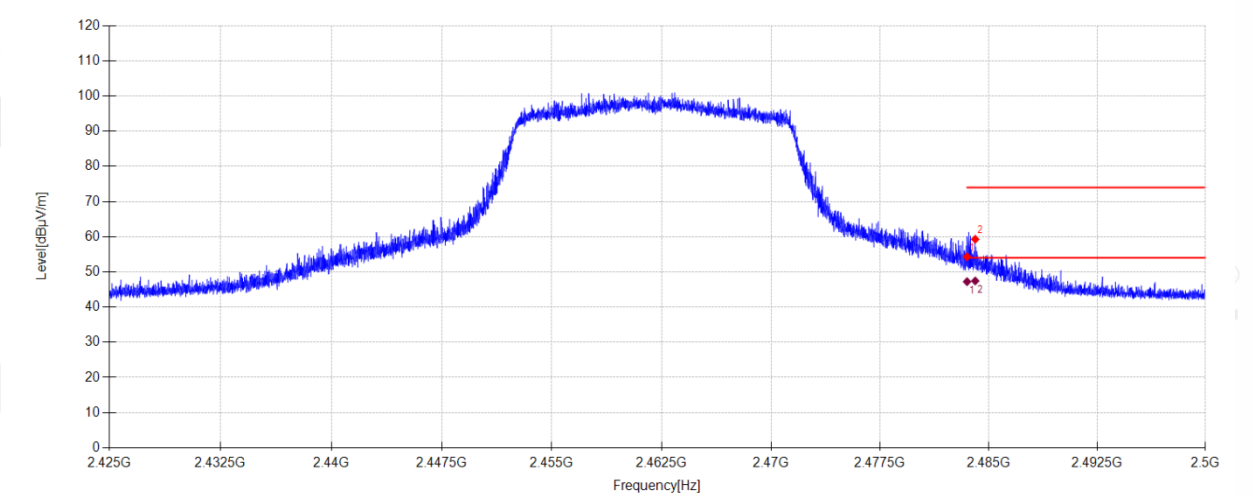
4# Fully Anechoic Room

File Path:

d:\ts\2026 report date\Q26060910-2E\FCC ABOVE 1G 2.4G\30

Memo:

Sample Number:S26060910-003



Suspected Data List									
NO	Freq. [MHz]	Reading [dBV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2483.500	54.41	28.60	-28.72	54.29	74.00	19.71	PK	Vertical
2	2484.063	59.40	28.60	-28.72	59.28	74.00	14.72	PK	Vertical

Final Data List									
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2483.500	47.35	28.60	-28.72	47.23	54.00	6.77	AV	Vertical
2	2484.063	47.55	28.60	-28.72	47.43	54.00	6.57	AV	Vertical

Note:

- If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-06-15

Tested By:

Cao Jie

Test Mode:

TX 11AX20 2412MHz Mode

Power Supply:

DC 3.3V

Condition:

Temp:24.3°C;Humi:53.4%

Test Site:

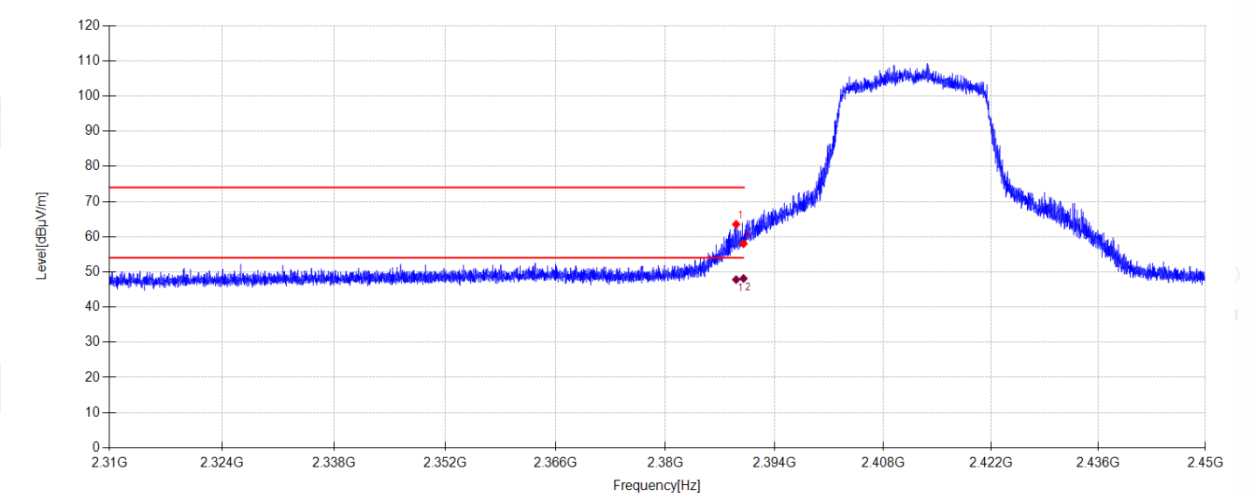
4# Fully Anechoic Room

File Path:

d:\ts\2026 report date\Q26060910-2E\FCC ABOVE 1G 2.4G\31

Memo:

Sample Number:S26060910-003



Suspected Data List									
NO	Freq. [MHz]	Reading [dBV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2389.058	63.98	28.18	-28.64	63.52	74.00	10.48	PK	Horizontal
2	2390.000	58.45	28.18	-28.63	58.00	74.00	16.00	PK	Horizontal

Final Data List									
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2389.058	48.26	28.18	-28.64	47.80	54.00	6.20	AV	Horizontal
2	2389.999	48.58	28.18	-28.63	48.13	54.00	5.87	AV	Horizontal

Note:

1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-06-15

Tested By:

Cao Jie

Test Mode:

TX 11AX20 2412MHz Mode

Power Supply:

DC 3.3V

Condition:

Temp:24.3°C;Humi:53.4%

Test Site:

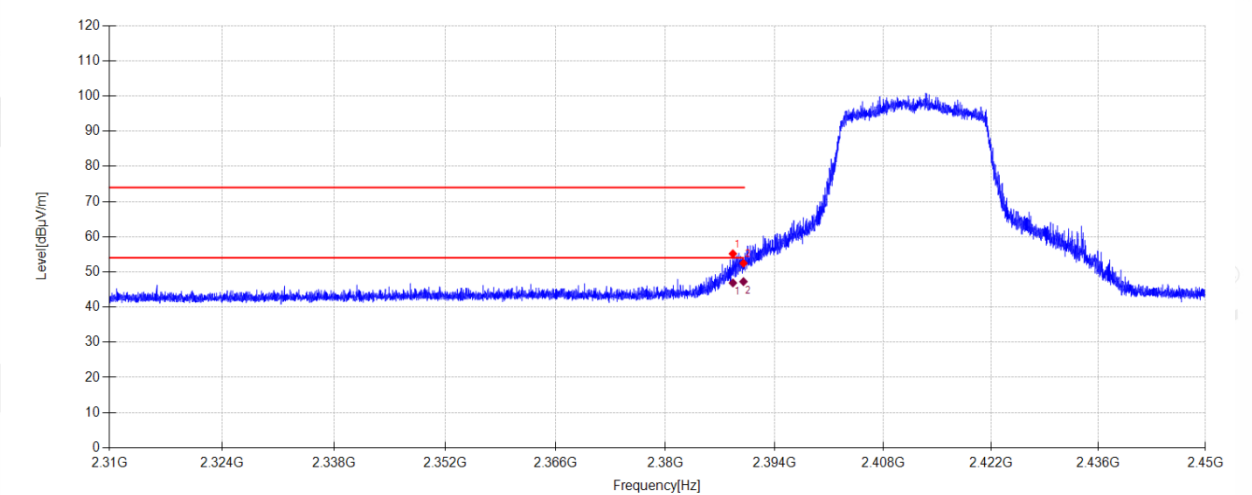
4# Fully Anechoic Room

File Path:

d:\ts\2026 report date\Q26060910-2E\FCC ABOVE 1G 2.4G\32

Memo:

Sample Number:S26060910-003



Suspected Data List									
NO	Freq. [MHz]	Reading [dBV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2388.638	55.62	28.18	-28.64	55.16	74.00	18.84	PK	Vertical
2	2390.000	52.90	28.18	-28.63	52.45	74.00	21.55	PK	Vertical

Final Data List									
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2388.638	47.32	28.18	-28.64	46.86	54.00	7.14	AV	Vertical
2	2390.000	47.69	28.18	-28.63	47.24	54.00	6.76	AV	Vertical

Note:

1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-06-15

Tested By:

Cao Jie

Test Mode:

TX 11N20 2462MHz Mode

Power Supply:

DC 3.3V

Condition:

Temp:24.3°C;Humi:53.4%

Test Site:

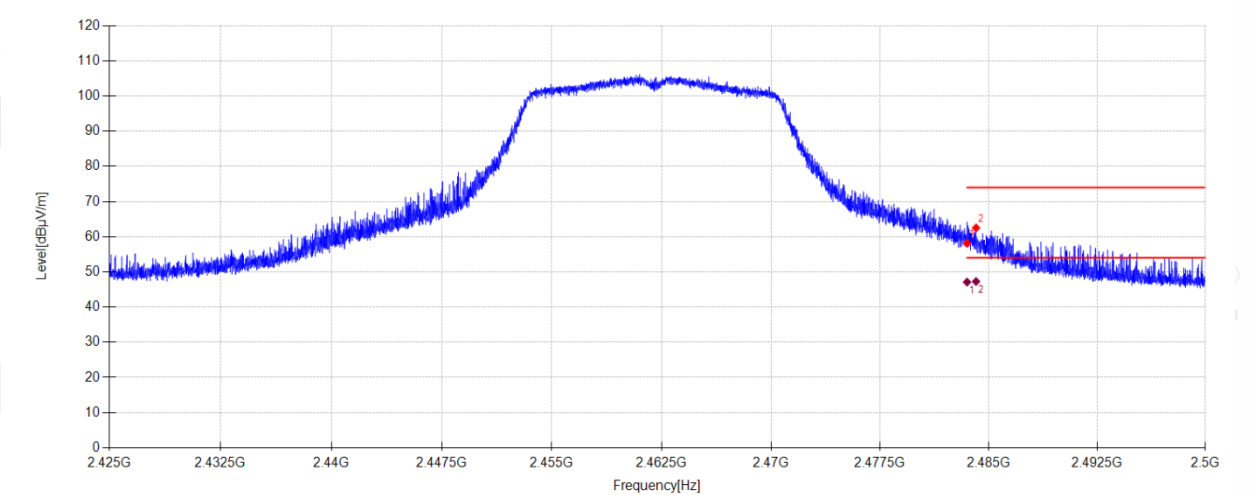
4# Fully Anechoic Room

File Path:

d:\ts\2026 report date\Q26060910-2E\FCC ABOVE 1G 2.4G\33

Memo:

Sample Number:S26060910-00



Suspected Data List									
NO	Freq. [MHz]	Reading [dBV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2483.500	58.27	28.60	-28.72	58.15	74.00	15.85	PK	Horizontal
2	2484.123	62.63	28.60	-28.72	62.51	74.00	11.49	PK	Horizontal

Final Data List									
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2483.500	47.23	28.60	-28.72	47.11	54.00	6.89	AV	Horizontal
2	2484.123	47.39	28.60	-28.72	47.27	54.00	6.73	AV	Horizontal

Note:

1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-06-15

Tested By:

Cao Jie

Test Mode:

TX 11N20 2462MHz Mode

Power Supply:

DC 3.3V

Condition:

Temp:24.3°C;Humi:53.4%

Test Site:

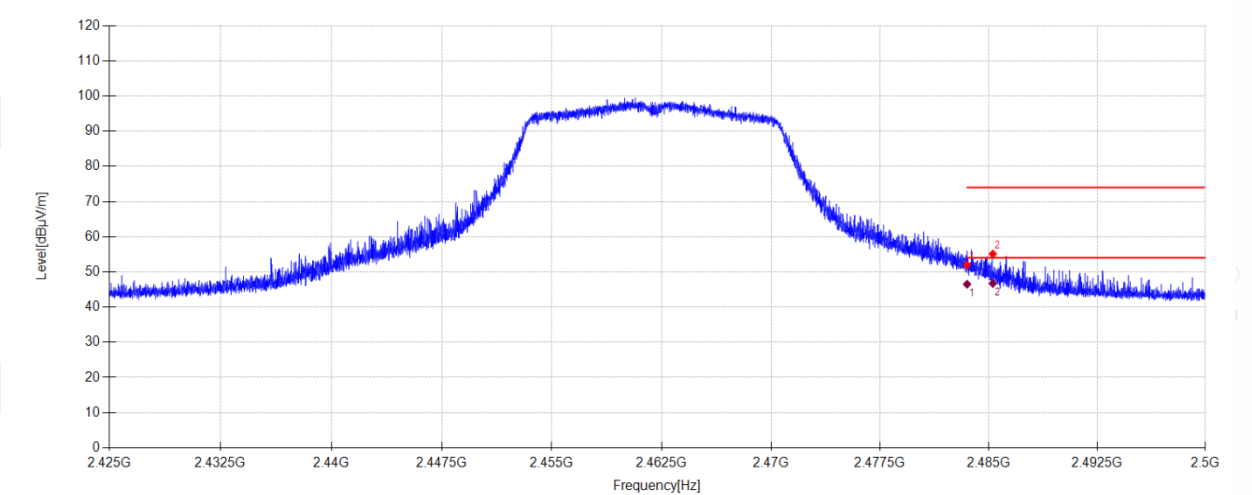
4# Fully Anechoic Room

File Path:

d:\ts\2026 report date\Q26060910-2E\FCC ABOVE 1G 2.4G\34

Memo:

Sample Number:S26060910-003



Suspected Data List									
NO	Freq. [MHz]	Reading [dBV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2483.500	52.05	28.60	-28.72	51.93	74.00	22.07	PK	Vertical
2	2485.278	55.21	28.61	-28.72	55.10	74.00	18.90	PK	Vertical

Final Data List									
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2483.500	46.61	28.60	-28.72	46.49	54.00	7.51	AV	Vertical
2	2485.278	46.82	28.61	-28.72	46.71	54.00	7.29	AV	Vertical

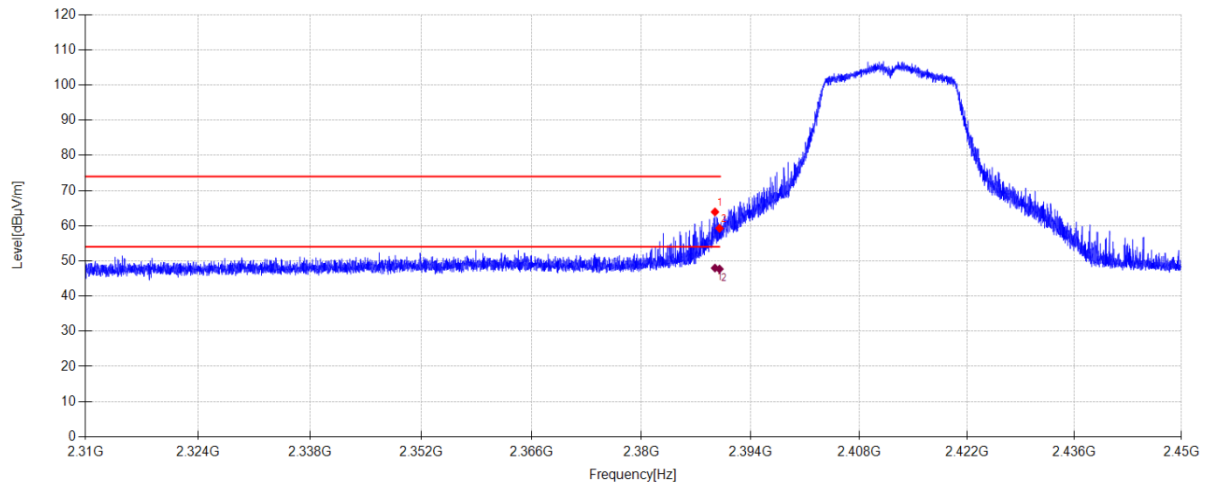
Note:

1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2026-06-15 **Tested By:** Cao Jie
Test Mode: TX 11N20 2412MHz Mode **Power Supply:** DC 3.3V
Condition: Temp:24.3°C;Humi:53.4% **Test Site:** 4# Fully Anechoic Room
File Path: d:\ts\2026 report date\Q26060910-2E\FCC ABOVE 1G 2.4G\35
Memo: Sample Number:S26060910-003



Suspected Data List

NO	Freq. [MHz]	Reading [dBV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2389.422	64.37	28.18	-28.63	63.92	74.00	10.08	PK	Horizontal
2	2390.000	59.72	28.18	-28.63	59.27	74.00	14.73	PK	Horizontal

Final Data List

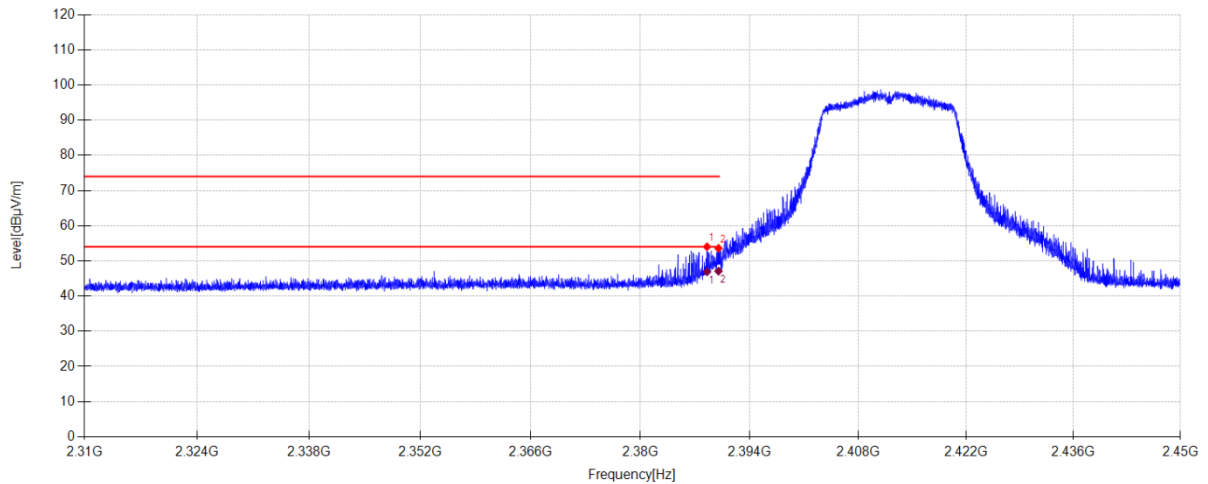
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2389.422	48.42	28.18	-28.63	47.97	54.00	6.03	AV	Horizontal
2	2390.000	48.14	28.18	-28.63	47.69	54.00	6.31	AV	Horizontal

Note:

1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2026-06-15 **Tested By:** Cao Jie
Test Mode: TX 11N20 2412MHz Mode **Power Supply:** DC 3.3V
Condition: Temp:24.3°C;Humi:53.4% **Test Site:** 4# Fully Anechoic Room
File Path: d:\ts\2026 report date\Q26060910-2E\FCC ABOVE 1G 2.4G\36
Memo: Sample Number:S26060910-003



Suspected Data List

NO	Freq. [MHz]	Reading [dBV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2388.526	54.48	28.18	-28.64	54.02	74.00	19.98	PK	Vertical
2	2390.000	54.03	28.18	-28.63	53.58	74.00	20.42	PK	Vertical

Final Data List

NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2388.526	47.37	28.18	-28.64	46.91	54.00	7.09	AV	Vertical
2	2390.000	47.54	28.18	-28.63	47.09	54.00	6.91	AV	Vertical

Note:

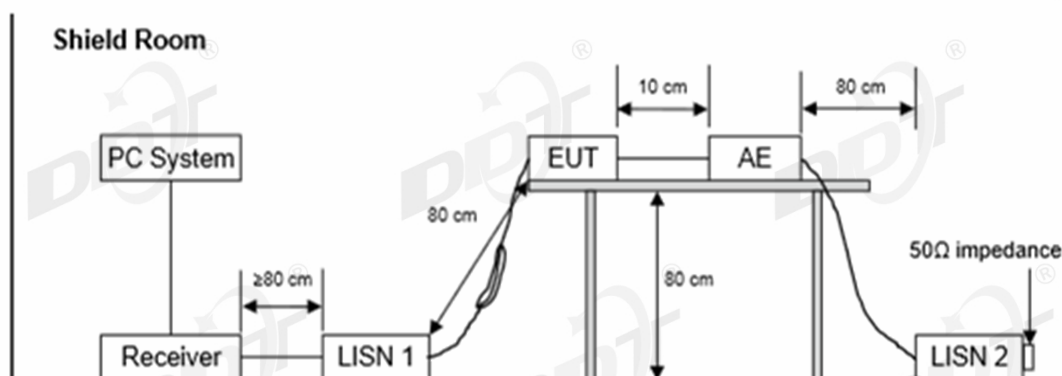
1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

14. Power Line Conducted Emissions

14.1. Test equipment

Equipment	Manufacturer	Model No.	Serial No.	Cal Due To
Two Line V-Network	R&S	ENV216	DDT-ZC02059	2026/07/06
Two Line V-Network	R&S	ENV216	DDT-ZC02059	2026/07/06
Three-phase artificial power network	SCHWARZBEC K	NSLK 8163	DDT-ZC01572	2026/07/06
Pulse Limiter	SCHWARZBEC K	VTSD 9561	DDT-ZC02128	2026/07/06
RF Cable	Yuhu Technology	Z806-NJ-NJ-6M	DDT-ZC02004	2026/07/06
Δ -shaped artificial power network	SCHWARZBEC K	PVDC 8301	DDT-ZC03939	2027/03/10
V-shaped artificial power network	DA ZE	ZN3780C	DDT-ZC01063	2027/02/27
V-shaped artificial power network	DA ZE	ZN3780C	DDT-ZC01062	2027/02/27
EMI Test Receiver	R&S	ESCI 3	DDT-ZC00235	2027/06/10

14.2. Block diagram of test setup



14.3. Limits

Frequency	Quasi-Peak Level dB(μV)	Average Level dB(μV)
150 kHz~500 kHz	66 ~ 56*	56 ~ 46*
500 kHz~5 MHz	56	46
5 MHz~30 MHz	60	50

Note 1: * Decreasing linearly with logarithm of frequency.

Note 2: The lower limit shall apply at the transition frequencies.

14.4. Assistant equipment used for test

Assistant equipment	Manufacturer	Model number	Description	other
/	/	/	/	/

14.5. Test procedure

The EUT and Support equipment, if needed, were put placed on a non-metallic table, 80cm above the ground plane.

All support equipment power received from a second LISN.

Emissions were measured on each current carrying line of the EUT using an EMI Test Receiver connected to the LISN powering the EUT.

The Receiver scanned from 150 kHz to 30 MHz for emissions in each of the test modes.

During the above scans, the emissions were maximized by cable manipulation.

The test mode(s) described in clause 2.4 were scanned during the preliminary test.

After the preliminary scan, we found the test mode producing the highest emission level.

The EUT configuration and worse cable configuration of the above highest emission levels were recorded for reference of the final test.

EUT and support equipment were set up on the test bench as per the configuration with highest emission level in the preliminary test.

A scan was taken on both power lines, Neutral and Line, recording at least the six highest emissions.

Emission frequency and amplitude were recorded into a computer in which correction factors were used to calculate the emission level and compare reading to the applicable limit.

The test data of the worst-case condition(s) was recorded.

The bandwidth of test receiver is set at 9 kHz.

14.6. Test result

PASS. (See below detailed test result)

Note1: All emissions not reported below are too low against the prescribed limits.

Note2: “----” means Peak detection; “----” means Average detection.

Note3: Pre-test AC conducted emission at both voltage AC 120V/60Hz and AC 240V/50Hz, recorded the worst case.

14.7. Test data

TR-4-E-010 Conducted Emission Test Result

Test Site : DDT 1# Shield Room

D:\2026 CE Report Data\Q26060910\Q26060910.EM6

Test Date : 2026-06-17

Tested By : Li guilin

Power Supply : AC 120V/60Hz

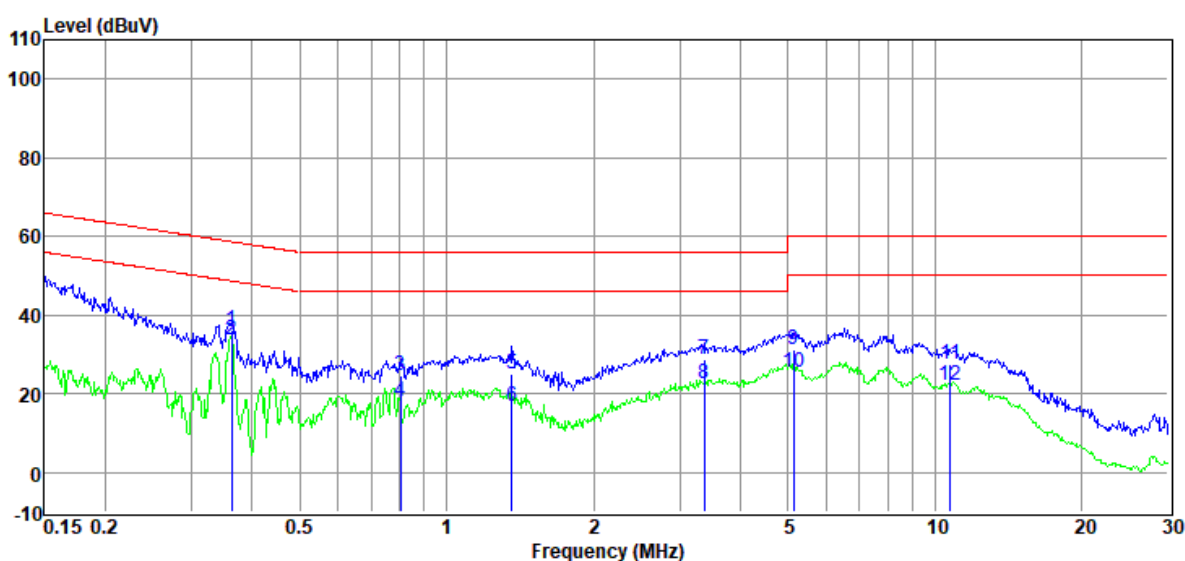
Test Mode : 2.4G WIFI mode

Condition : TEMP:23.7°C, RH:63.7%

LISN : 2025 1# 216/LINE

Memo : S26060910

Data: 6



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	LISN Factor (dB)	Cable Loss (dB)	Pulse Limiter Factor (dB)	Result Level (dBμV)	Limit Line (dBμV)	Margin (dB)	Detector	Phase
1	0.36	16.40	9.67	0.07	9.89	36.03	58.65	22.62	QP	LINE
2	0.36	14.09	9.67	0.07	9.89	33.72	48.65	14.93	Average	LINE
3	0.80	4.89	9.73	0.13	9.90	24.65	56.00	31.35	QP	LINE
4	0.80	-1.86	9.73	0.13	9.90	17.90	46.00	28.10	Average	LINE
5	1.36	4.92	9.89	0.16	9.90	24.87	56.00	31.13	QP	LINE
6	1.36	-3.04	9.89	0.16	9.90	16.91	46.00	29.09	Average	LINE
7	3.36	8.86	9.95	0.18	9.87	28.86	56.00	27.14	QP	LINE
8	3.36	2.78	9.95	0.18	9.87	22.78	46.00	23.22	Average	LINE
9	5.14	11.11	9.96	0.19	9.86	31.12	60.00	28.88	QP	LINE
10	5.14	5.66	9.96	0.19	9.86	25.67	50.00	24.33	Average	LINE
11	10.73	7.02	10.22	0.28	9.84	27.36	60.00	32.64	QP	LINE
12	10.73	1.99	10.22	0.28	9.84	22.33	50.00	27.67	Average	LINE

Note:

1. Result Level = Read Level + LISN Factor + Pulse Limiter Factor + Cable loss.
2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 200 Hz (9 kHz—150 kHz), 9 kHz (150 kHz—30 MHz).
4. Step size: 80Hz (0.009MHz-0.15MHz), 4 kHz (0.15MHz-30MHz), Scan time: auto.

TR-4-E-010 Conducted Emission Test Result

Test Site : DDT 1# Shield Room

D:\2026 CE Report Data\Q26060910\Q26060910.EM6

Test Date : 2026-06-17

Tested By : Li guilin

Power Supply : AC 120V/60Hz

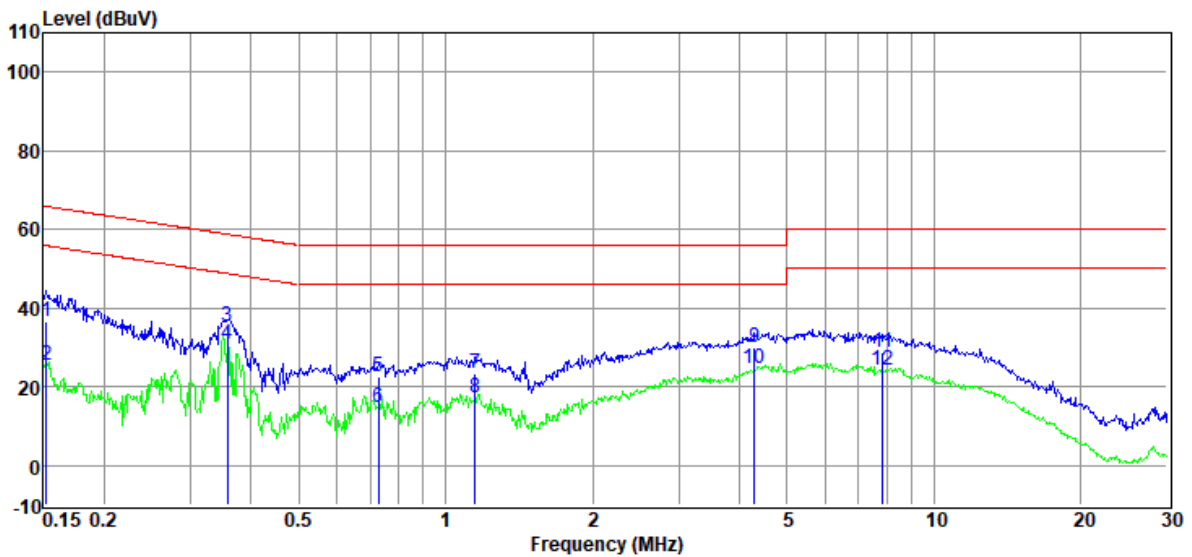
Test Mode : 2.4G WIFI mode

Condition : TEMP:23.7°C, RH:63.7%

LISN : 2025 1# 216/NEUTRAL

Memo : S26060910

Data: 8



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	LISN Factor (dB)	Cable Loss (dB)	Pulse Limiter Factor (dB)	Result Level (dBμV)	Limit Line (dBμV)	Margin (dB)	Detector	Phase
1	0.15	17.00	9.76	0.05	9.89	36.70	65.87	29.17	QP	NEUTRAL
2	0.15	5.70	9.76	0.05	9.89	25.40	55.87	30.47	Average	NEUTRAL
3	0.36	15.67	9.90	0.07	9.89	35.53	58.78	23.25	QP	NEUTRAL
4	0.36	11.01	9.90	0.07	9.89	30.87	48.78	17.91	Average	NEUTRAL
5	0.73	2.82	9.89	0.12	9.90	22.73	56.00	33.27	QP	NEUTRAL
6	0.73	-5.14	9.89	0.12	9.90	14.77	46.00	31.23	Average	NEUTRAL
7	1.15	3.49	9.90	0.15	9.90	23.44	56.00	32.56	QP	NEUTRAL
8	1.15	-2.93	9.90	0.15	9.90	17.02	46.00	28.98	Average	NEUTRAL
9	4.29	10.02	9.87	0.19	9.86	29.94	56.00	26.06	QP	NEUTRAL
10	4.29	4.65	9.87	0.19	9.86	24.57	46.00	21.43	Average	NEUTRAL
11	7.85	8.86	9.96	0.24	9.84	28.90	60.00	31.10	QP	NEUTRAL
12	7.85	4.02	9.96	0.24	9.84	24.06	50.00	25.94	Average	NEUTRAL

Note:

1. Result Level = Read Level + LISN Factor + Pulse Limiter Factor + Cable loss.
2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 200 Hz (9 kHz—150 kHz), 9 kHz (150 kHz—30 MHz).
4. Step size: 80Hz (0.009MHz-0.15MHz), 4 kHz (0.15MHz-30MHz), Scan time: auto.

16. Photos of the EUT

Please refer to DDT-Q26060910-1E appendix I

-----End Report-----