

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-07-25

Tested By:

Liang Rijing

Test Mode:

TX SU AX80 MIMO 5775MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.8%

Test Site:

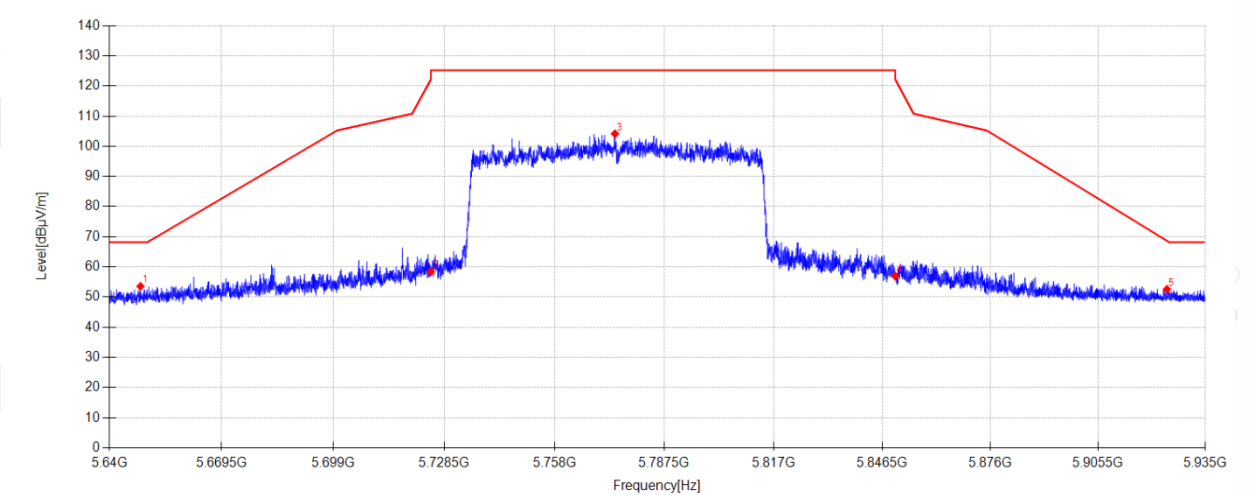
4# Fully Anechoic Room

File Path:

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Memo:

Sample Number: S26070111-002



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	5648.172	44.56	34.09	-25.10	53.55	68.20	14.65	PK	Horizontal
2	5725.000	49.28	34.30	-25.20	58.38	122.20	63.82	PK	Horizontal
3	5774.225	94.72	34.50	-25.08	104.14	125.20	21.06	PK	Horizontal
4	5850.000	47.09	34.80	-24.95	56.94	122.20	65.26	PK	Horizontal
5	5924.410	42.38	34.95	-24.75	52.58	68.64	16.06	PK	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:

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TX SU AX80 MIMO 5775MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.8%

Test Site:

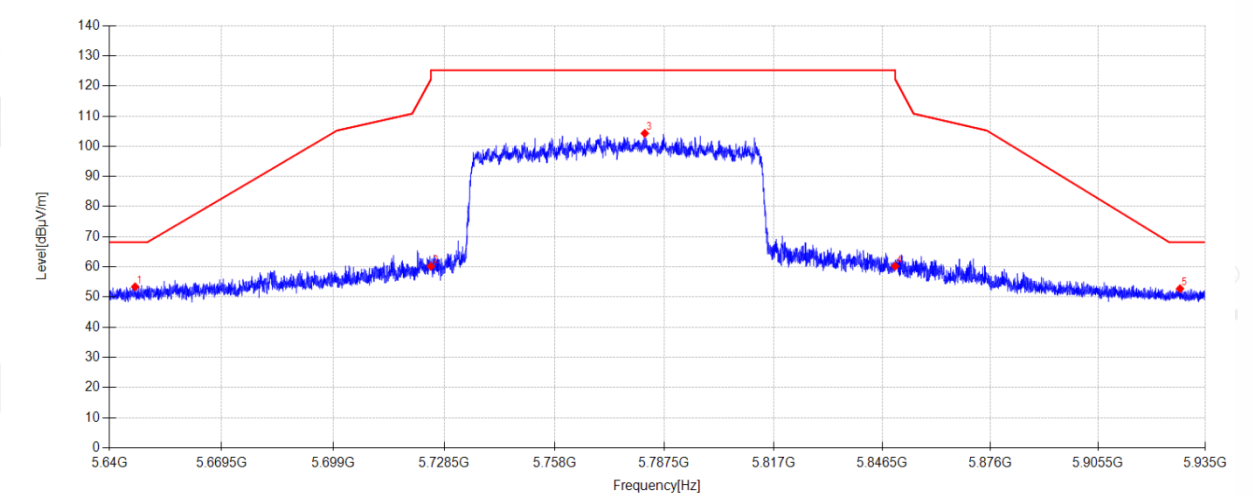
4# Fully Anechoic Room

File Path:

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Memo:

Sample Number: S26070111-002



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	5646.756	44.38	34.09	-25.09	53.38	68.20	14.82	PK	Vertical
2	5725.000	51.08	34.30	-25.20	60.18	122.20	62.02	PK	Vertical
3	5782.249	94.80	34.53	-25.06	104.27	125.20	20.93	PK	Vertical
4	5850.000	50.37	34.80	-24.95	60.22	122.20	61.98	PK	Vertical
5	5928.009	42.53	34.96	-24.73	52.76	68.20	15.44	PK	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:

2026-07-27

Tested By:

Cao Jie

Test Mode:

TX RU0 AX20 MIMO 5745MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.8%

Test Site:

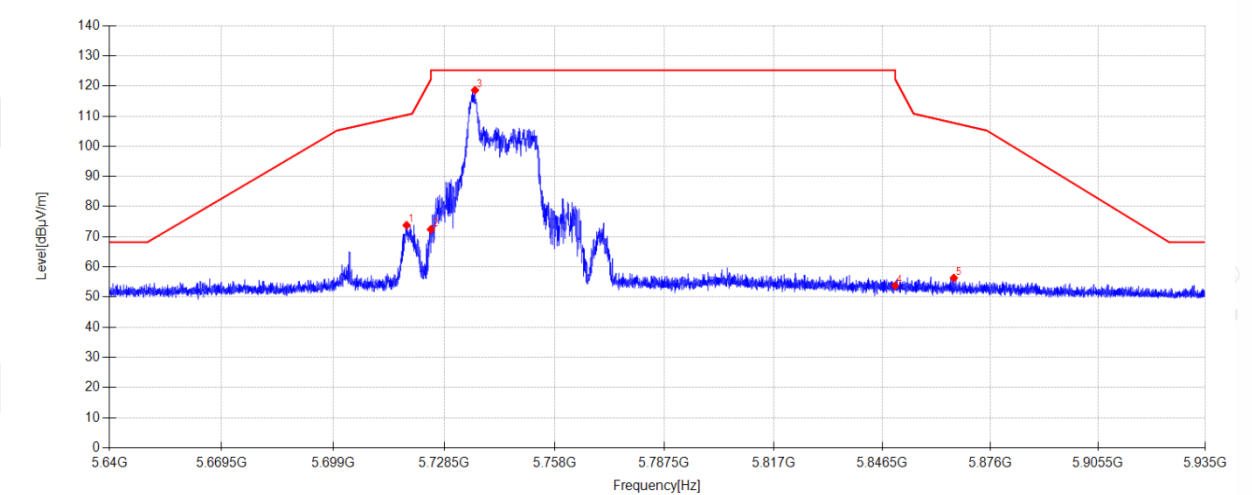
4# Fully Anechoic Room

File Path:

d:\ts\2026 fcc report date\Q26072013-1E\FCC ABOVE 1G 5.8G RU\9

Memo:

Sample Number: S26070111-002



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	5718.529	64.76	34.27	-25.22	73.81	110.39	36.58	PK	Horizontal
2	5725.000	63.33	34.30	-25.20	72.43	122.20	49.77	PK	Horizontal
3	5736.760	109.41	34.35	-25.17	118.59	125.20	6.61	PK	Horizontal
4	5850.000	43.92	34.80	-24.95	53.77	122.20	68.43	PK	Horizontal
5	5865.970	46.41	34.83	-24.93	56.31	107.73	51.42	PK	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:

2026-07-27

Tested By:

Cao Jie

Test Mode:

TX RU0 AX20 MIMO 5745MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.8%

Test Site:

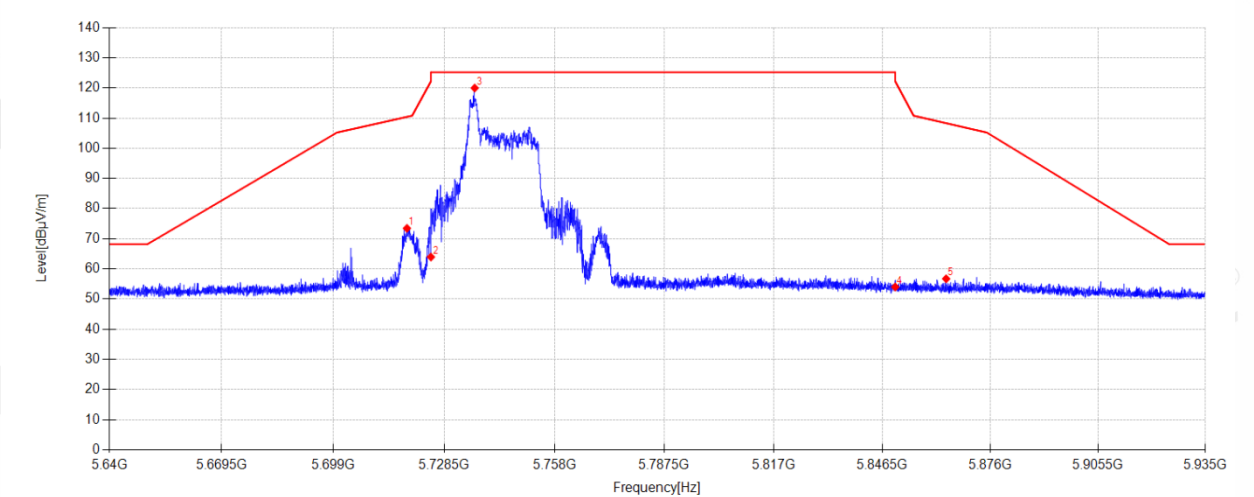
4# Fully Anechoic Room

File Path:

d:\ts\2026 fcc report date\Q26072013-1E\FCC ABOVE 1G 5.8G RU\10

Memo:

Sample Number: S26070111-002



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	5718.618	64.39	34.27	-25.22	73.44	110.41	36.97	PK	Vertical
2	5725.000	54.84	34.30	-25.20	63.94	122.20	58.26	PK	Vertical
3	5736.672	110.81	34.35	-25.17	119.99	125.20	5.21	PK	Vertical
4	5850.000	44.15	34.80	-24.95	54.00	122.20	68.20	PK	Vertical
5	5863.876	46.81	34.83	-24.93	56.71	108.31	51.60	PK	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:

2026-07-27

Tested By:

Cao Jie

Test Mode:

TX RU8 AX20 MIMO 5825MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.8%

Test Site:

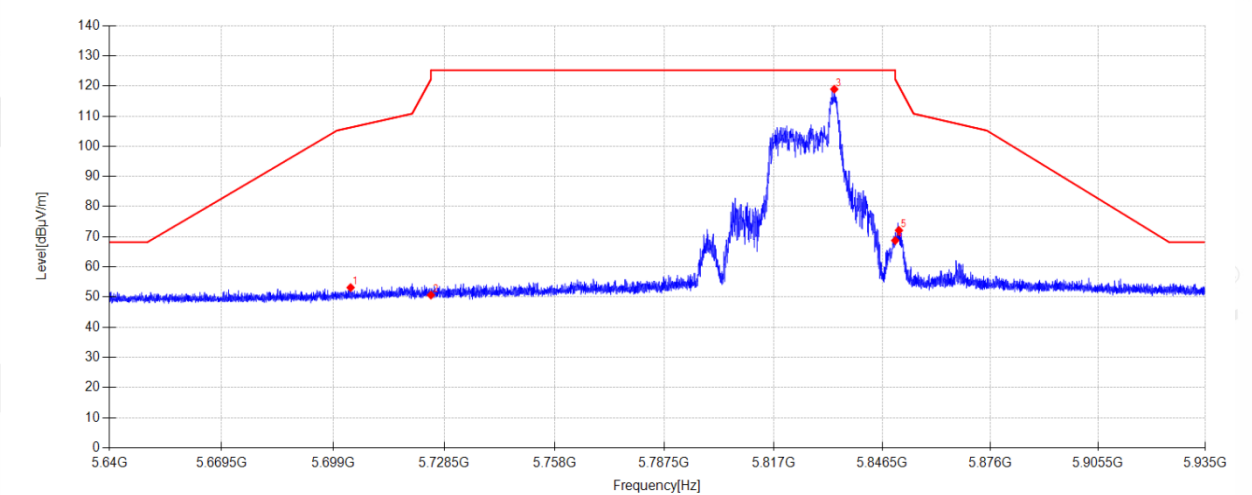
4# Fully Anechoic Room

File Path:

d:\ts\2026 fcc report date\Q26072013-1E\FCC ABOVE 1G 5.8G RU\7

Memo:

Sample Number: S26070111-002



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	5703.661	44.17	34.21	-25.25	53.13	106.23	53.10	PK	Horizontal
2	5725.000	41.54	34.30	-25.20	50.64	122.20	71.56	PK	Horizontal
3	5833.432	109.17	34.73	-24.97	118.93	125.20	6.27	PK	Horizontal
4	5850.000	58.90	34.80	-24.95	68.75	122.20	53.45	PK	Horizontal
5	5851.014	62.25	34.80	-24.95	72.10	119.89	47.79	PK	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:

2026-07-27

Tested By:

Cao Jie

Test Mode:

TX RU8 AX20 MIMO 5825MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.8%

Test Site:

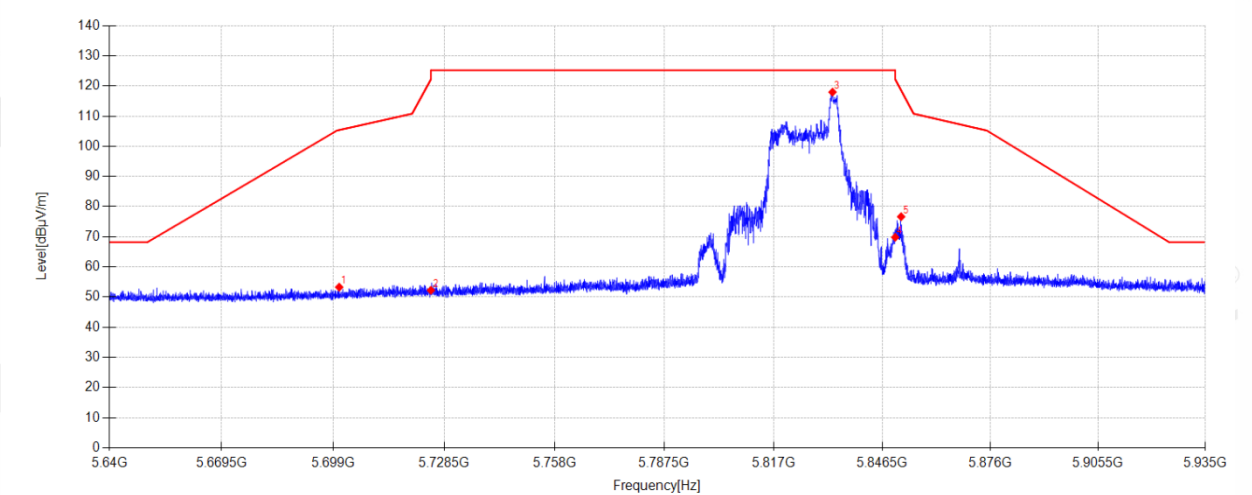
4# Fully Anechoic Room

File Path:

d:\ts\2026 fcc report date\Q26072013-1E\FCC ABOVE 1G 5.8G RU\8

Memo:

Sample Number: S26070111-002



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	5700.623	44.34	34.20	-25.26	53.28	105.37	52.09	PK	Vertical
2	5725.000	43.13	34.30	-25.20	52.23	122.20	69.97	PK	Vertical
3	5832.960	108.19	34.73	-24.97	117.95	125.20	7.25	PK	Vertical
4	5850.000	59.96	34.80	-24.95	69.81	122.20	52.39	PK	Vertical
5	5851.604	66.79	34.80	-24.95	76.64	118.54	41.90	PK	Vertical

Note:

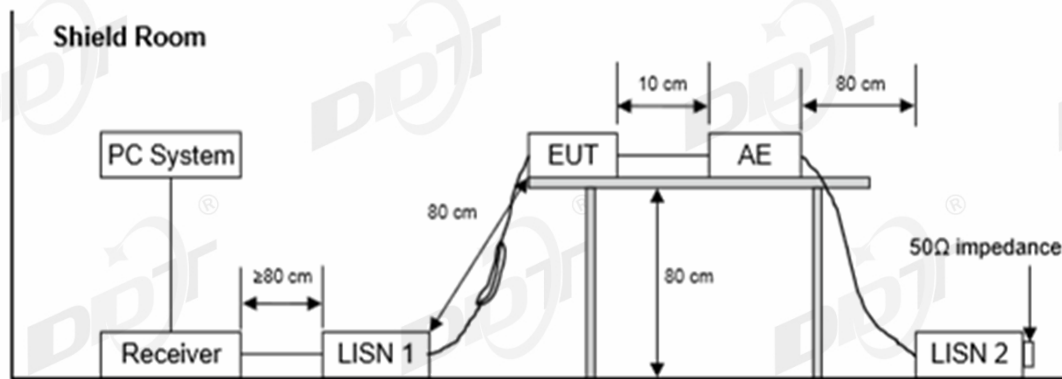
1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

15. Power Line Conducted Emissions

15.1. Test equipment

Equipment	Manufacturer	Model No.	Serial No.	Cal Due To
EMI Test Receiver	R&S	ESCI 3	DDT-ZC00235	2027/06/10
Two Line V-Network	R&S	ENV216	DDT-ZC00535	2027/06/14
Pulse Limiter	SCHWARZBECK	ESH3-Z2	DDT-ZC00539	2027/06/10
CE Cable 1	R&S	ESU8/RF2	DDT-ZC00566	2027/06/21
Conducted & Radiated Software	Audix	e3	DDT-ZC00562	/
Two-line V-shaped artificial network	ROHDE&SCHWARZ	ENV216	DDT-ZC05693	2026/11/04
Artificial mains	R&S	ESH2-Z5	DDT-ZC00538	2027/06/09

15.2. Block diagram of test setup



15.3. 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.

15.4. Assistant equipment used for test

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

15.5. 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.

15.6. 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.

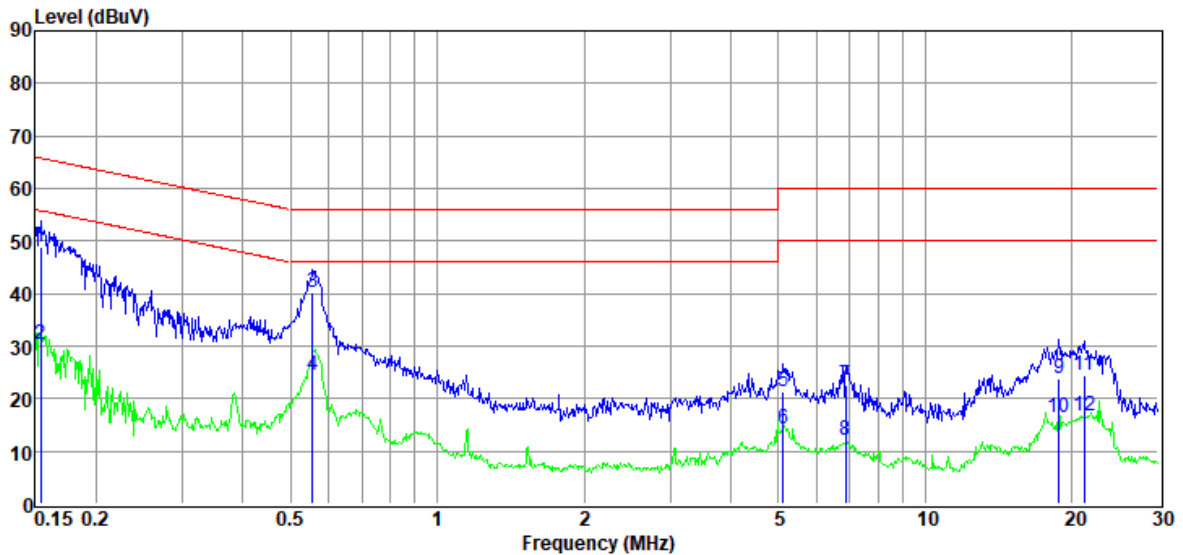
15.7. Test data

TR-4-E-010 Conducted Emission Test Result

Test Site : DDT 1# Shield Room
Test Date : 2026-08-22
EUT : WIRELESS SPEAKER
Power Supply : AC 120V/60Hz
Condition : TEMP:24.5°C, RH:65.5%
Memo : Sample Number: S26081718-003

D:\2026 CE Report Data\Q26081718-2E\0822 CE\0822 CE.EM6
Tested By : Zhang Yibo
Model Number : LIORA
Test Mode : Tx mode
LISN : 2026 1# ENV 216/NEUTRAL

Data: 2



Item (Mark)	Freq. (MHz)	Read Level (dBuV)	LISN Factor (dB)	Cable Loss (dB)	Pulse Limiter Factor (dB)	Result Level (dBuV)	Limit Line (dBuV)	Margin (dB)	Detector	Phase
1	0.15	29.52	9.61	0.00	9.86	48.99	65.78	16.79	QP	NEUTRAL
2	0.15	10.79	9.61	0.00	9.86	30.26	55.78	25.52	Average	NEUTRAL
3	0.56	20.84	9.59	0.00	9.87	40.30	56.00	15.70	QP	NEUTRAL
4	0.56	5.10	9.59	0.00	9.87	24.56	46.00	21.44	Average	NEUTRAL
5	5.11	1.67	9.66	0.01	9.88	21.22	60.00	38.78	QP	NEUTRAL
6	5.11	-5.39	9.66	0.01	9.88	14.16	50.00	35.84	Average	NEUTRAL
7	6.88	3.01	9.68	0.03	9.88	22.60	60.00	37.40	QP	NEUTRAL
8	6.88	-7.56	9.68	0.03	9.88	12.03	50.00	37.97	Average	NEUTRAL
9	18.82	3.80	10.11	0.09	9.94	23.94	60.00	36.06	QP	NEUTRAL
10	18.82	-3.69	10.11	0.09	9.94	16.45	50.00	33.55	Average	NEUTRAL
11	21.15	4.17	10.17	0.09	9.95	24.38	60.00	35.62	QP	NEUTRAL
12	21.15	-3.51	10.17	0.09	9.95	16.70	50.00	33.30	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.

TR-4-E-010 Conducted Emission Test Result

Test Site : DDT 1# Shield Room

Test Date : 2026-08-22

EUT : WIRELESS SPEAKER

Power Supply : AC 120V/60Hz

Condition : TEMP:24.5°C, RH:65.5%

Memo : Sample Number: S26081718-003

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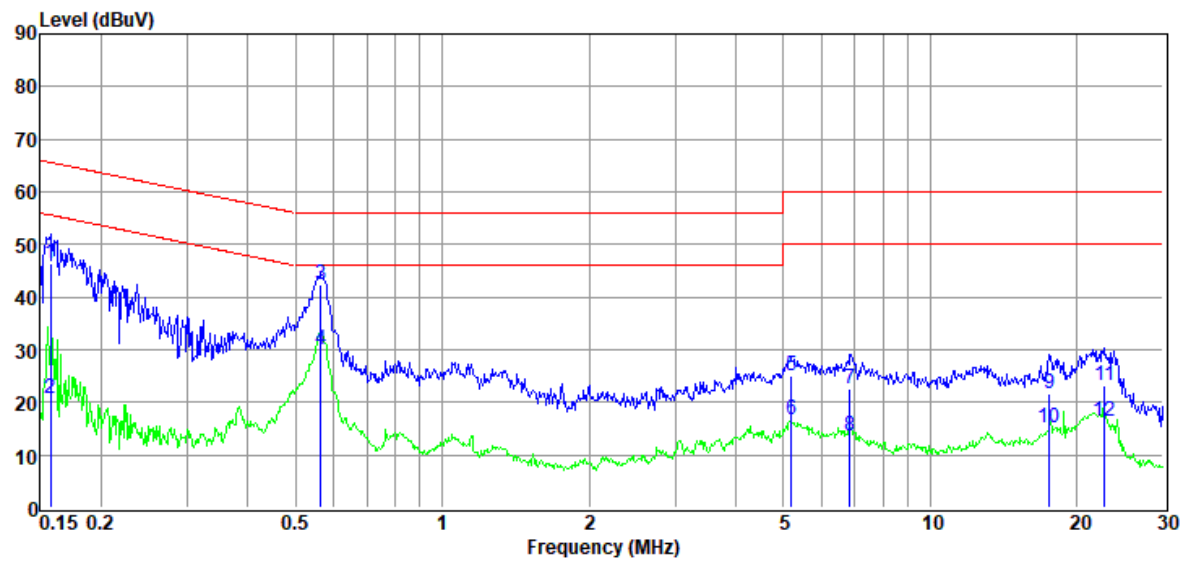
Tested By : Zhang Yibo

Model Number : LIORA

Test Mode : Tx mode

LISN : 2026 1# ENV 216/LINE

Data: 4

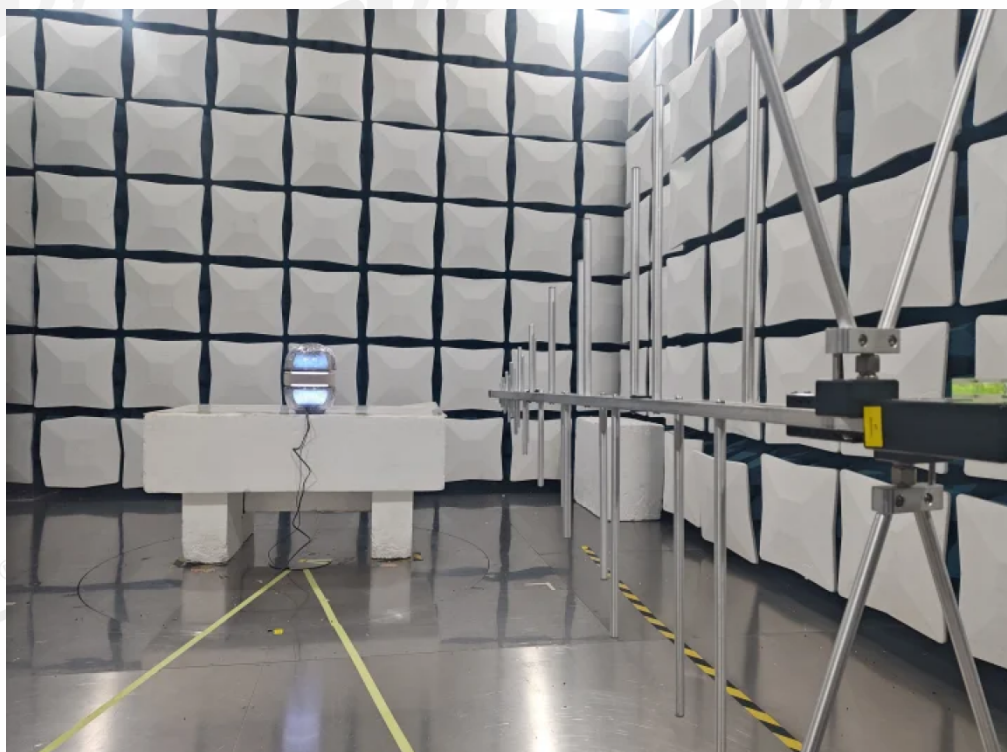


Item	Freq.	Read Level	LISN Factor	Cable Loss	Pulse Limiter Factor	Result Level	Limit Line	Margin	Detector	Phase
(Mark)	(MHz)	(dBμV)	(dB)	(dB)	(dB)	(dBμV)	(dBμV)	(dB)		
1	0.16	26.93	9.58	0.00	9.86	46.37	65.60	19.23	QP	LINE
2	0.16	1.31	9.58	0.00	9.86	20.75	55.60	34.85	Average	LINE
3	0.56	22.92	9.58	0.00	9.87	42.37	56.00	13.63	QP	LINE
4	0.56	10.40	9.58	0.00	9.87	29.85	46.00	16.15	Average	LINE
5	5.19	5.40	9.62	0.01	9.88	24.91	60.00	35.09	QP	LINE
6	5.19	-2.86	9.62	0.01	9.88	16.65	50.00	33.35	Average	LINE
7	6.84	3.07	9.63	0.03	9.88	22.61	60.00	37.39	QP	LINE
8	6.84	-6.05	9.63	0.03	9.88	13.49	50.00	36.51	Average	LINE
9	17.57	1.80	9.98	0.08	9.93	21.79	60.00	38.21	QP	LINE
10	17.57	-4.99	9.98	0.08	9.93	15.00	50.00	35.00	Average	LINE
11	22.78	3.13	10.09	0.10	9.96	23.28	60.00	36.72	QP	LINE
12	22.78	-3.81	10.09	0.10	9.96	16.34	50.00	33.66	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.

16. Test Setup Photograph



17. Photos of the EUT

Please refer to DDT-Q26081718-1E appendix I

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