

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-07-30

Tested By:

Cao Jie

Test Mode:

MIMO TX 11AX40 5795MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.7°C;Humi:54.0%

Test Site:

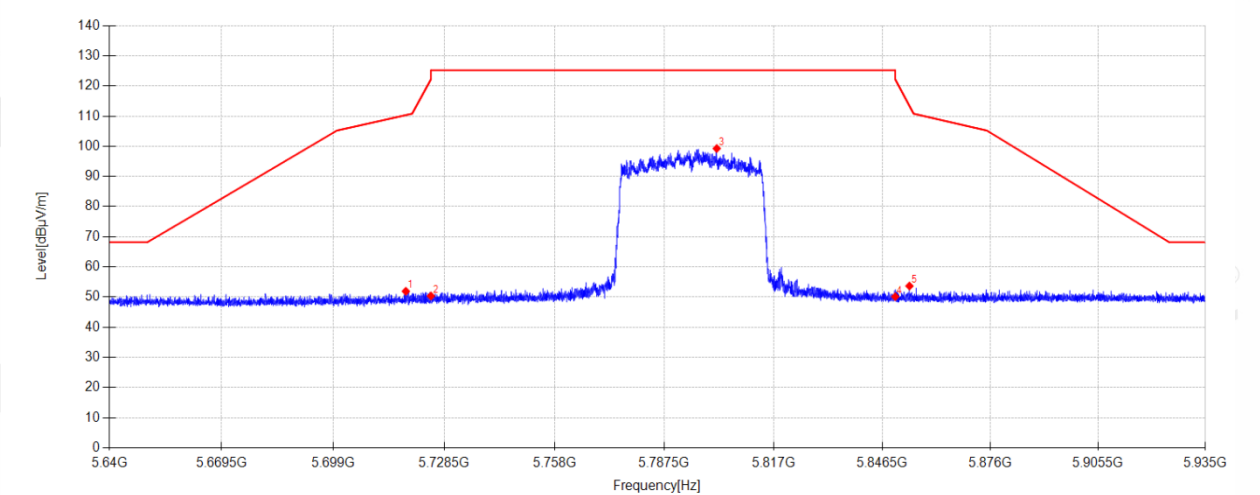
4# Fully Anechoic Room

File Path:

d:\ts\2026 fcc report date\Q20260720 COVE A1\FCC ABOVE 1G 5.8G\49

Memo:

Sample Number: S26072123-002



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	5718.323	42.85	34.27	-25.22	51.90	110.33	58.43	PK	Vertical
2	5725.000	41.25	34.30	-25.20	50.35	122.20	71.85	PK	Vertical
3	5801.631	89.67	34.61	-25.02	99.26	125.20	25.94	PK	Vertical
4	5850.000	40.27	34.80	-24.95	50.12	122.20	72.08	PK	Vertical
5	5853.875	43.78	34.81	-24.94	53.65	113.37	59.72	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:

2026-07-30

Tested By:

Cao Jie

Test Mode:

MIMO TX 11AX80 5775MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.7°C;Humi:54.0%

Test Site:

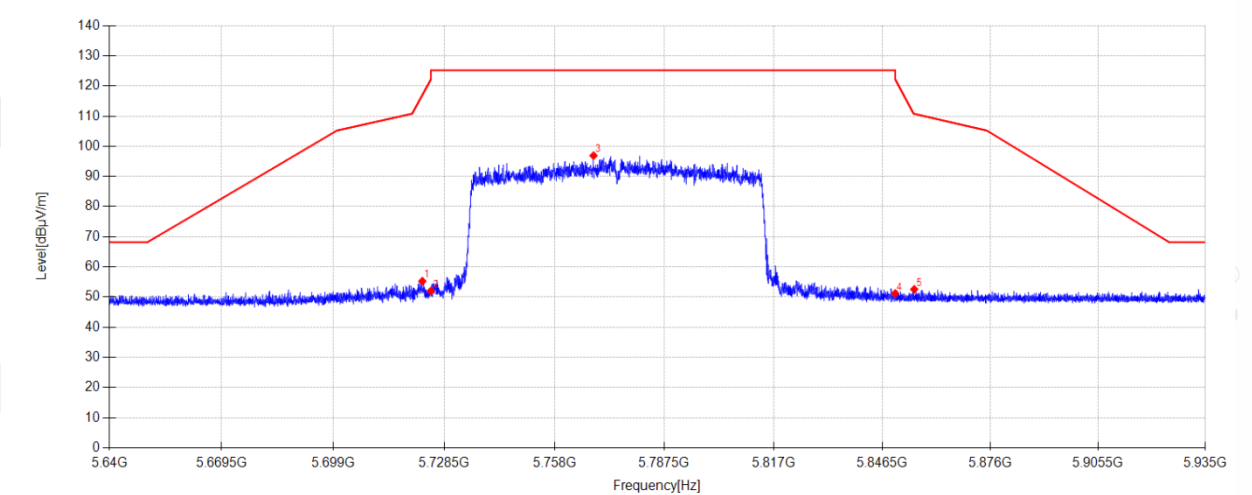
4# Fully Anechoic Room

File Path:

d:\ts\2026 fcc report date\Q20260720 COVE A1\FCC ABOVE 1G 5.8G\52

Memo:

Sample Number: S26072123-002



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	5722.718	46.18	34.29	-25.21	55.26	117.00	61.74	PK	Horizontal
2	5725.000	42.93	34.30	-25.20	52.03	122.20	70.17	PK	Horizontal
3	5768.473	87.52	34.47	-25.10	96.89	125.20	28.31	PK	Horizontal
4	5850.000	41.33	34.80	-24.95	51.18	122.20	71.02	PK	Horizontal
5	5855.173	42.68	34.81	-24.94	52.55	110.75	58.20	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:

2026-07-30

Tested By:

Cao Jie

Test Mode:

MIMO TX 11AX80 5775MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.7°C;Humi:54.0%

Test Site:

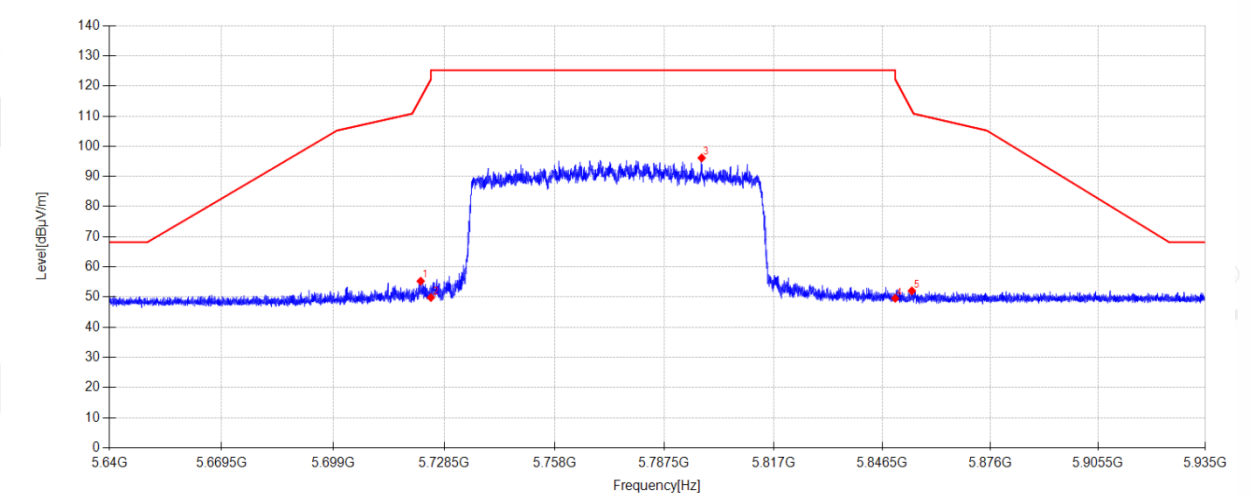
4# Fully Anechoic Room

File Path:

d:\ts\2026 fcc report date\Q20260720 COVE A1\FCC ABOVE 1G 5.8G\53

Memo:

Sample Number: S26072123-002



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	5722.276	46.19	34.29	-25.21	55.27	115.99	60.72	PK	Vertical
2	5725.000	40.73	34.30	-25.20	49.83	122.20	72.37	PK	Vertical
3	5797.560	86.56	34.59	-25.03	96.12	125.20	29.08	PK	Vertical
4	5850.000	39.70	34.80	-24.95	49.55	122.20	72.65	PK	Vertical
5	5854.524	42.16	34.81	-24.94	52.03	111.89	59.86	PK	Vertical

Note:

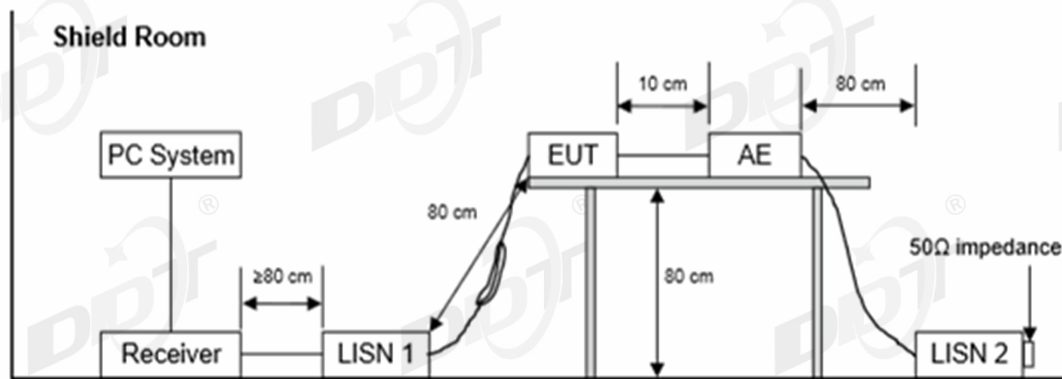
1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

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.

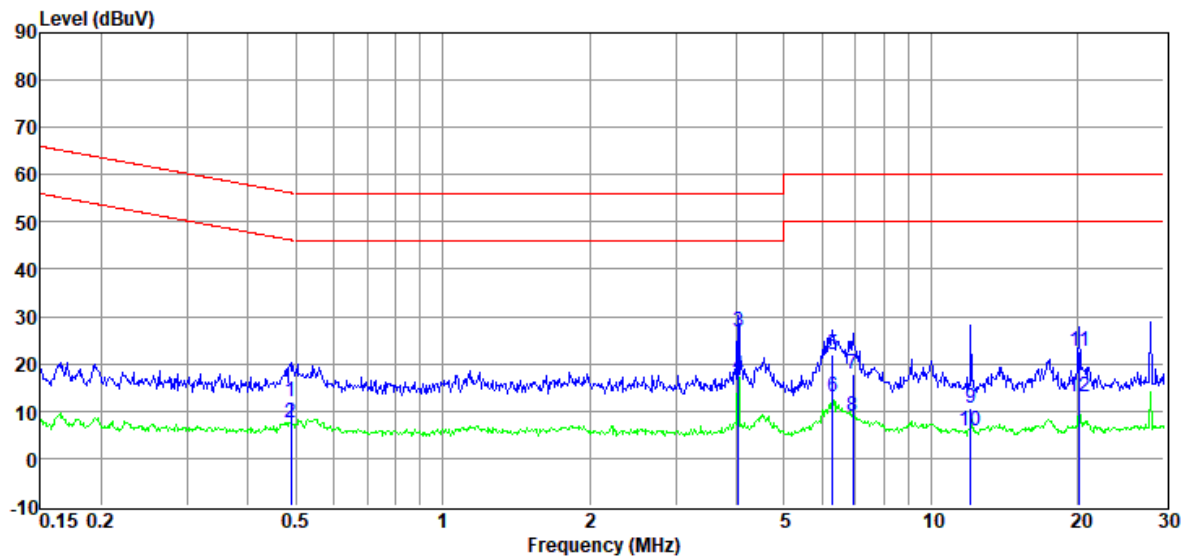
15.7. Test data

TR-4-E-010 Conducted Emission Test Result

Test Site : DDT 1# Shield Room
Test Date : 2026-09-04
Power Supply : AC 120V/60Hz
Condition : TEMP:21.2°C, RH:51.4%
Memo : Sample Number: S26072123-013

D:\2026 CE Report Data\Q26072123-2E\0904 CE\0904
CE.EM6
Tested By : Zhang Yibo
Test Mode : Tx mode
LISN : 2026 1# ENV 216/NEUTRAL

Data: 18



Note:

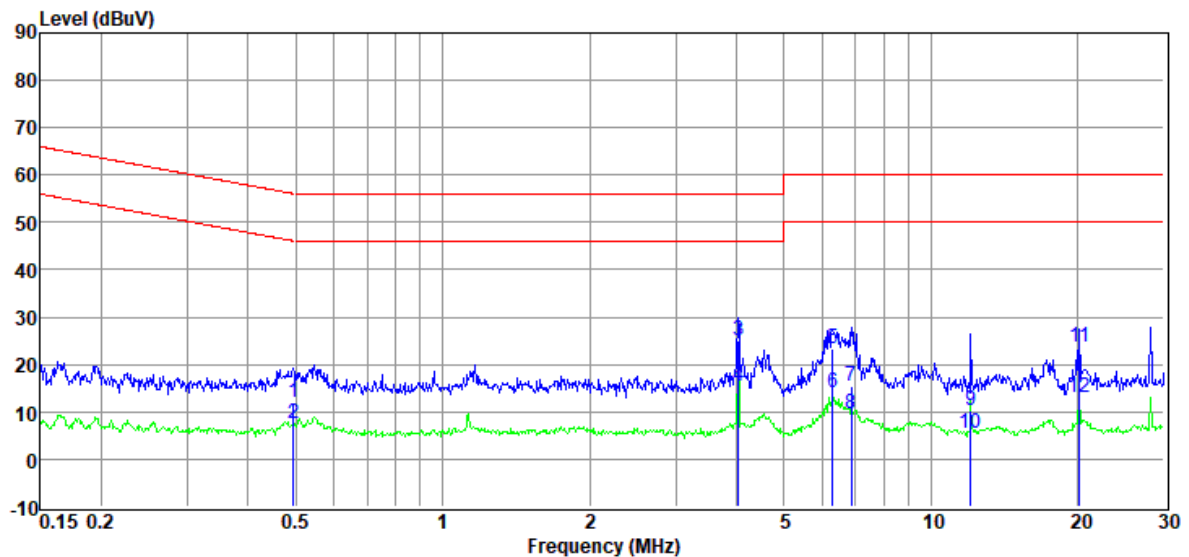
1. Result Level = Read Level + LISN Factor + Pulse Limiter Factor + Cable loss.
2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 200 Hz (9 kHz—150 kHz), 9 kHz (150 kHz—30 MHz).
4. Step size: 80Hz (0.009MHz-0.15MHz), 4 kHz (0.15MHz-30MHz), Scan time: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

TR-4-E-010 Conducted Emission Test Result

Test Site : DDT 1# Shield Room
Test Date : 2026-09-04
Power Supply : AC 120V/60Hz
Condition : TEMP:21.2°C, RH:51.4%
Memo : Sample Number: S26072123-013

D:\2026 CE Report Data\Q26072123-2E\0904 CE\0904
CE.EM6
Tested By : Zhang Yibo
Test Mode : Tx mode
LISN : 2026 1# ENV 216/LINE

Data: 20



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	0.49	-7.51	9.57	0.00	9.87	11.93	56.10	44.17	QP	LINE
2	0.49	-11.97	9.57	0.00	9.87	7.47	46.10	38.63	Average	LINE
3	4.03	5.41	9.61	0.01	9.88	24.91	56.00	31.09	QP	LINE
4	4.03	-3.91	9.61	0.01	9.88	15.59	46.00	30.41	Average	LINE
5	6.29	3.91	9.63	0.03	9.88	23.45	60.00	36.55	QP	LINE
6	6.29	-5.32	9.63	0.03	9.88	14.22	50.00	35.78	Average	LINE
7	6.88	-4.02	9.63	0.03	9.88	15.52	60.00	44.48	QP	LINE
8	6.88	-9.82	9.63	0.03	9.88	9.72	50.00	40.28	Average	LINE
9	12.06	-9.48	9.78	0.07	9.91	10.28	60.00	49.72	QP	LINE
10	12.06	-14.29	9.78	0.07	9.91	5.47	50.00	44.53	Average	LINE
11	20.16	3.75	10.05	0.09	9.94	23.83	60.00	36.17	QP	LINE
12	20.16	-7.02	10.05	0.09	9.94	13.06	50.00	36.94	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.

17. Photos of the EUT

Please refer to DDT-Q26072123-1E appendix I

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