



EMC Test Report

Product Name : Xiaomi Stylus
Model No. : 2508DMP70G

Applicant : Xiaomi Communications Co., Ltd.
Address : #019, 9th Floor, Building 6, 33 Xi'erqi Middle Road,
Haidian District, Beijing, China, 100085

Date of Receipt : July 18, 2025
Test Date : July 22, 2025 ~ July 23, 2025
Issued Date : September 11, 2025
Report Number : 2560810R.604
Report Template No. : TRF_FCC Part 15 Subpart 15B_EMC_V1.4

The test results presented in this report relate only to the object tested.
This report is not used for social proof in China (or Mainland China) market
The measurement result is considered in conformance with the requirement if it is within the prescribed limit,
it is not necessary to calculate the uncertainty associated with the measurement result.
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Certification (Suzhou) Co., Ltd.

Issued Date : September 11, 2025
Report Number : 2560810R.604

Product Name : Xiaomi Stylus
Applicant : Xiaomi Communications Co., Ltd.
Address : #019, 9th Floor, Building 6, 33 Xi'erqi Middle Road, Haidian District,
Beijing, China, 100085
Manufacturer : Xiaomi Communications Co., Ltd.
Address : #019, 9th Floor, Building 6, 33 Xi'erqi Middle Road, Haidian District,
Beijing, China, 100085
Model No. : 2508DMP70G
Brand Name : Xiaomi
EUT Voltage : 5 Vdc
Test Voltage : 5 Vdc
Applicable Standard : FCC CFR Title 47 Part 15 Subpart B: 2023
ANSI C63.4: 2014
Test Result : Complied
Test Location : DEKRA Testing and Certification (Suzhou) Co., Ltd.
No.99 Hongye Rd., Suzhou Industrial Park, Suzhou, 215006,
Jiangsu, China
FCC Designation : CN1199
Number
FCC Company : 566524
Number

Tested By :



(Caviare Yang / Project Engineer)

Approved By :

(Star Wang / Manager)

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Document History

Report Number	Date	Description
2560810R.604	September 11, 2025	First release

1 General Information

1.1 EUT Description

Product Name	Xiaomi Stylus
Model No.	2508DMP70G
Brand Name	Xiaomi
Highest Internal Frequency (Fx)	N/A
FCC ID	2AFZZMP70G

Note 1: The EUT information is from customer declaration.

1.2 Mode of Operation

We have verified the construction and function in typical operation. All the test modes were carried out with the EUT in normal operation, which was shown in this test report and defined as:

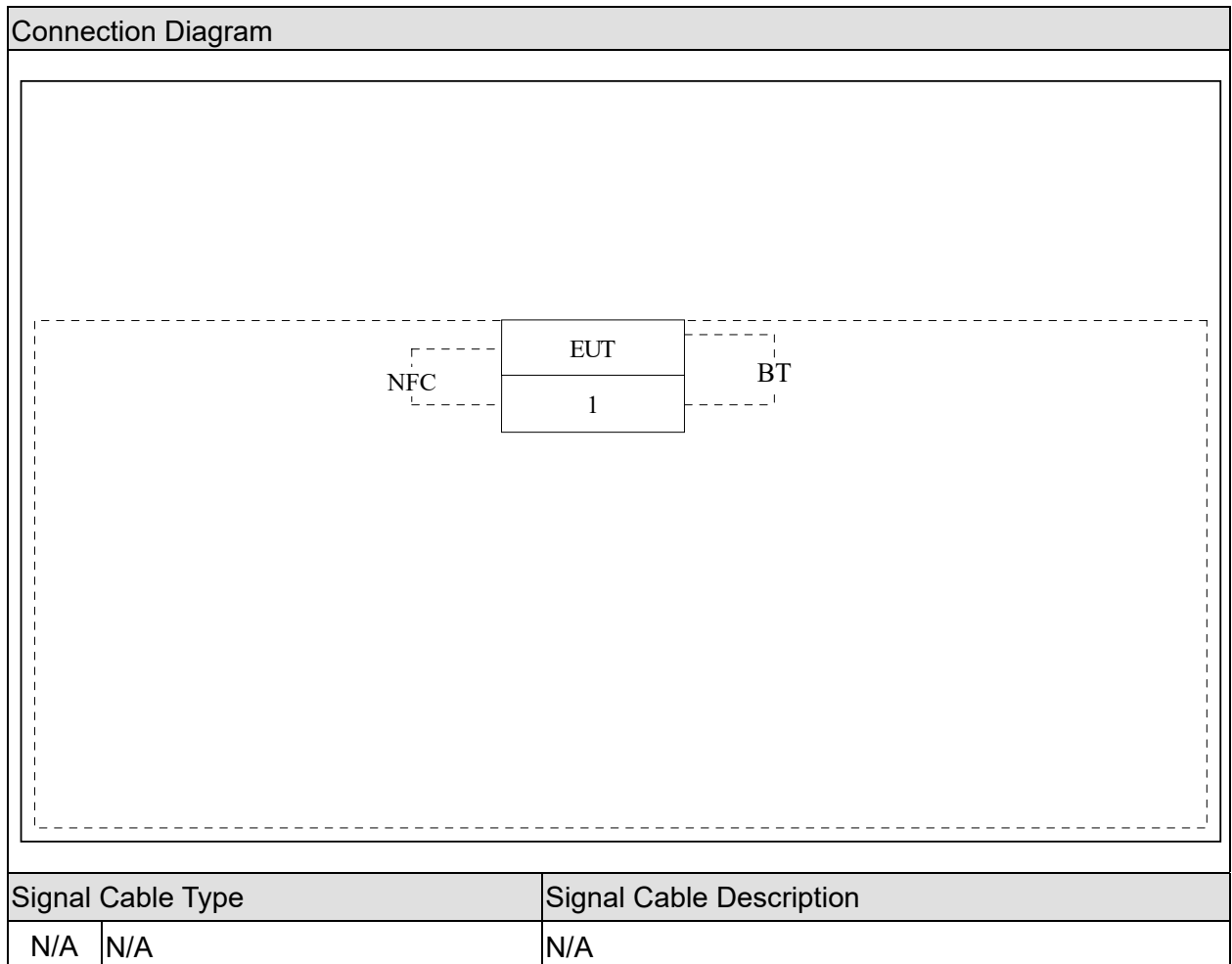
Pre Test Mode
Mode 1: Use the tablet to charge the EUT
Mode 2: EUT writes by hand on the tablet
Final Test Mode
Mode 1: Use the tablet to charge the EUT

1.3 Tested System Details

The types for all equipments, plus descriptions of all cables used in the tested system (including inserted cards) are:

Product		Manufacturer	Model No.	Serial No.	Power Cord
1	Tablet Computer	Xiaomi	N/A	N/A	N/A

1.4 Configuration of Tested System



1.5 EUT Operating Conditions

1	Setup the EUT and simulators as shown on above.
2	Turn on the power of all equipment.
3	Confirm the EUT working normally.
4	Start test.

2 Technical Test

2.1 Summary of Test Result

- ☒ No deviations from the test standards
☐ Deviations from the test standards as below description:

Emission			
Performed Test Item	Normative References	Test Performed	Deviation
Conducted disturbance	FCC CFR Title 47 Part 15 Subpart B: 2023 Class B ANSI C63.4: 2014	N/A ₁₎	N/A
Radiated disturbance	FCC CFR Title 47 Part 15 Subpart B: 2023 Class B ANSI C63.4: 2014	Yes	No

1) The EUT does not have an AC mains power input / output port.

2.2 List of Test Equipment

Radiated Emission / AC1						
Instrument	Manufacturer	Model No.	Serial No.	Cali. Date	Cali. Due Date	Used In
EMI Test Receiver	R&S	ESCI	100175	2025.03.23	2026.03.22	☒
EMI Test Receiver	R&S	ESCI	100176	2025.03.23	2026.03.22	☒
Preamplifier	Quietek	AP-025C	CHM-0511006	2025.03.16	2026.03.15	☒
Preamplifier	R&S	SCU-01F	100452	2025.05.10	2026.05.09	☒
Bilog Antenna	SCHWARZBECK	VULB 9168	01431	2024.08.10	2025.08.09	☒
TRILOG Broadband Antenna	SCHWARZBECK	VULB 9168	01100	2025.05.28	2026.05.27	☒
TRILOG Broadband Antenna	SCHWARZBECK	VULB 9168	01099	2025.03.23	2026.03.22	☐
Coaxial Cable	Huber+Suhner	RG 214_U	AC1-L	2025.03.16	2026.03.15	☒
Coaxial Cable	Huber+Suhner	RG 214_U	AC1-R	2025.03.16	2026.03.15	☒
Temperature/Humidity Meter	RTS	RTS-1909	THM-011	2025.04.30	2026.04.29	☒
Software	Tonscend	JS32-RE	5.0.0	N/A	N/A	☒
Pre-amplifier	TESEQ	LNA 6901	80381	2024.06.25	2025.06.24	☐
Pre-amplifier	TESEQ	LNA 6901	80382	2024.06.25	2025.06.24	☐

Radiated Emission / AC5						
Instrument	Manufacturer	Model No.	Serial No.	Cali. Date	Cali. Due Date	Used In
MXA Signal Analyzer	Keysight	N9020B	MY60112218	2024.11.02	2025.11.01	☒
Pre-Amplifier	XH	LNA1845	LNA23040284	2025.05.17	2026.05.16	☒
DRG Horn Antenna	ETS-Lindgren	3117	00167055	2024.08.29	2025.08.28	☒
Filter Switch Box	MVE	MSW-F196	C070001S	2025.03.15	2026.03.14	☒
Coaxial Cable	Lair Microwave	LA800-NMNW M-6.5M	502201001001	2025.03.15	2026.03.14	☒
Coaxial Cable	Lair Microwave	LA800-SWMS WM-0.6M	502201005001	2025.03.15	2026.03.14	☒
Coaxial Cable	Lair Microwave	LA800-NMNW M-3M	502201002001	2025.03.15	2026.03.14	☒
Coaxial Cable	Lair Microwave	LA800-NMNW M-1.2M	202201003001	2025.03.15	2026.03.14	☒
Broad-Band Horn Antenna	Schwarzbeck	BBHA9170	750	2024.11.24	2025.11.23	☒
Pre-Amplifier	ChengYi	EMC184045SE	980263	2025.05.10	2026.05.09	☒
Cable	Rosenberger	LA1-C390-2000	0001	2025.05.17	2026.05.16	☒
Cable	Rosenberger	LA1-C390-3000	0001	2025.05.17	2026.05.16	☒
Temperature/H	RTS	RTS-1909	THM-001	2025.04.30	2026.04.29	☒

Radiated Emission / AC5

Instrument	Manufacturer	Model No.	Serial No.	Cali. Date	Cali. Due Date	Used In
umidity Meter						
Software	Quietek	EMI_V3	V3.0.0	N/A	N/A	☒

2.3 Test Environment

Tests have been performed in a controlled laboratory environment, where the environmental conditions are maintained within the applicable ranges.

Performed Item	Items	Required	Actual
Conducted Emission	Temperature (°C)	10-40	N/A
	Humidity (%RH)	25-75	N/A
	Barometric pressure (mbar)	860-1060	N/A
Radiated Emission (30~1000 MHz)	Temperature (°C)	10-40	23
	Humidity (%RH)	25-75	54
	Barometric pressure (mbar)	860-1060	1009
Radiated Emission (1~40 GHz)	Temperature (°C)	10-40	25
	Humidity (%RH)	25-75	42
	Barometric pressure (mbar)	860-1060	1020

2.4 Measurement Uncertainty

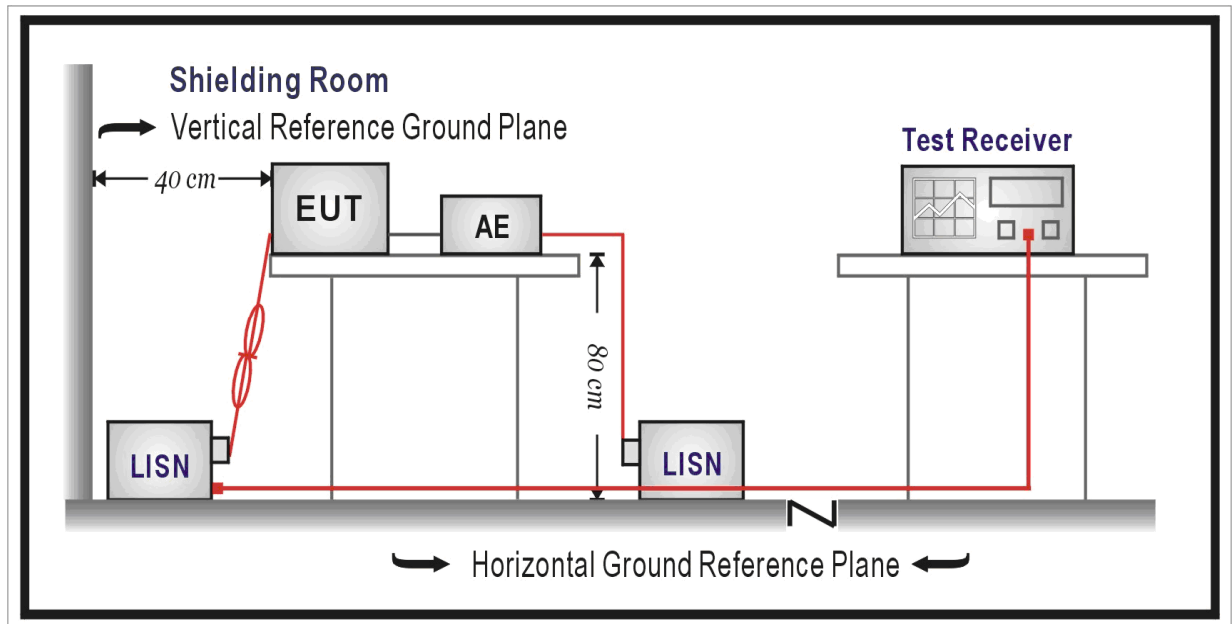
Radiated emission / AC1
The maximum measurement uncertainty is evaluated as: Horizontal: 30MHz~200MHz: 4.9 dB 200MHz~1000MHz: 4.5 dB Vertical: 30MHz~200MHz: 4.7 dB 200MHz~1000MHz: 4.5 dB
Radiated emission / AC5
The maximum measurement uncertainty is evaluated as: Horizontal: 1 GHz~18 GHz: 5.2 dB Vertical: 1 GHz~18 GHz: 5.4 dB Horizontal: 18 GHz~40 GHz: 4.7 dB Vertical: 18 GHz~40 GHz: 4.6 dB

3 Conducted disturbance

3.1 Test Specification

According to Standard: FCC Part 15.107, ANSI C63.4

3.2 Test Setup



3.3 Limit

☐ Limits for conducted disturbance of class A		
Frequency range MHz	Limits dB(μ V)	
	Quasi-peak	Average
0.15 to 0.50	79	66
0.50 to 30	73	60

NOTE: The lower limit shall apply at the transition frequency.

☒ Limits for conducted disturbance of class B		
Frequency range MHz	Limits dB(μ V)	
	Quasi-peak	Average
0.15 to 0.50	66 to 56	56 to 46
0.50 to 5	56	46
5 to 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 0.50MHz.

3.4 Test Procedure

The EUT and simulators are connected to the main power through a line impedance stabilization network (L.I.S.N.). This provides a 50 Ω / 50 μ H coupling impedance for the measuring equipment. The peripheral devices are also connected to the main power through a LISN that provides a 50 Ω / 50 μ H coupling impedance with 50 Ω termination. (Please refer to the block diagram of the test setup and photographs.)

Both sides of A.C. line are checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed on conducted measurement.

Conducted emissions were investigated over the frequency range from 0.15MHz to 30MHz using a receiver bandwidth of 9kHz.

3.5 Deviation from Test Standard

No deviation.

3.6 Test Result

The EUT does not have an AC mains power input / output port.

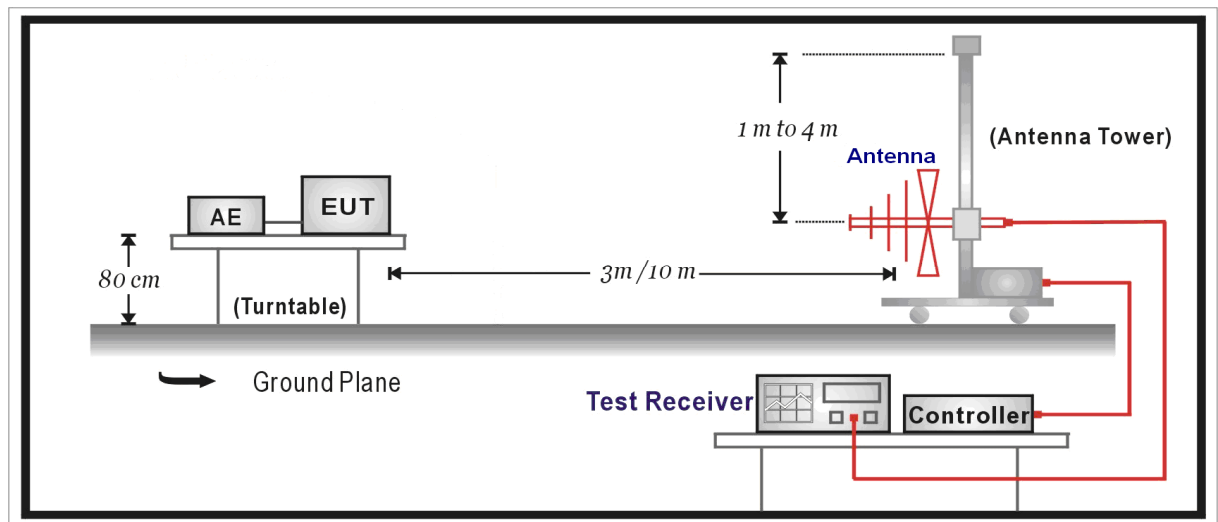
4 Radiated disturbance

4.1 Test Specification

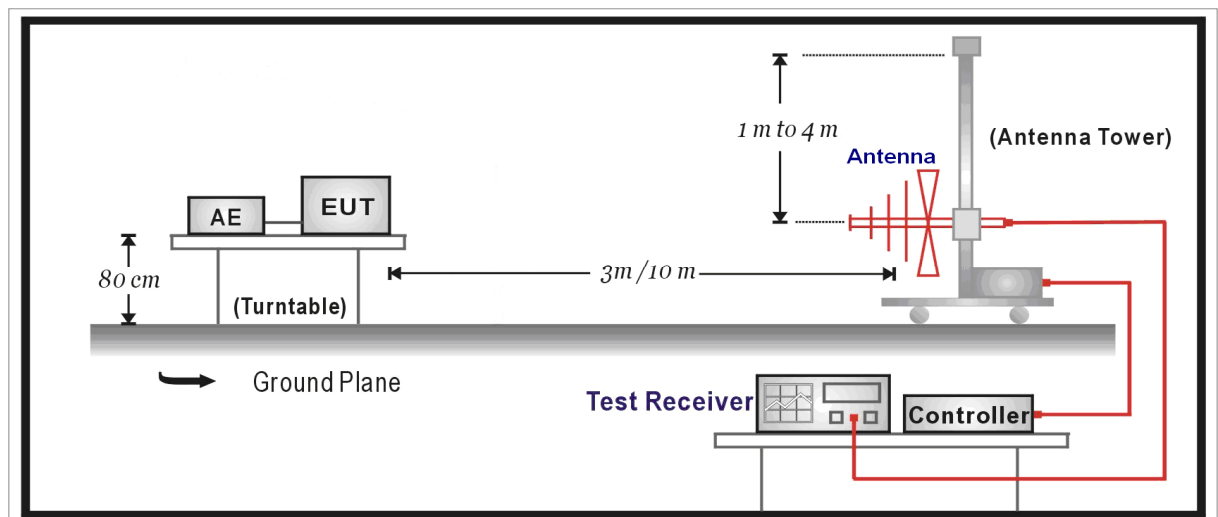
According to Standard: FCC Part 15.109, ANSI C63.4

4.2 Test Setup

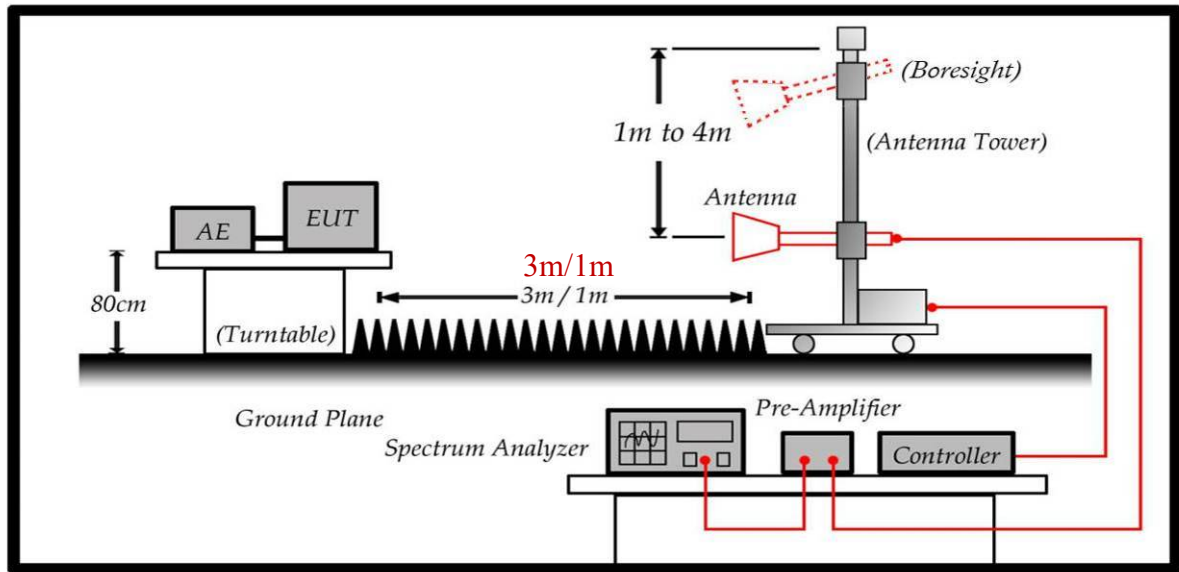
Below 1GHz Test Setup



Above 1GHz Test Setup



Above 1GHz Test Setup



4.3 Limit

☐ Limits for Radiated disturbance of CLASS A

Measuring Distance	10m	3m
Frequency of Emission (MHz)	Field Strength(QP) dB(μ V/m)	Field Strength(QP) dB(μ V/m)
30 to 88	39	49
88 to 216	43.5	53.5
216 to 960	46.4	56.4
960 to 1000	49.5	59.5
NOTE: The lower limit shall apply at the transition frequency.		

Measuring Distance	10m		3m	
Frequency of Emission (MHz)	Field Strength(PK) dB(μ V/m)	Field Strength(AV) dB(μ V/m)	Field Strength(PK) dB(μ V/m)	Field Strength(AV) dB(μ V/m)
1000 to 18000	70	50	80	60
18000 to 40000	70	50	80	60

☒ Limits for Radiated disturbance of CLASS B

Measuring Distance	10m	3m
Frequency of Emission (MHz)	Field Strength(QP) dB(μ V/m)	Field Strength(QP) dB(μ V/m)
30 to 88	30	40
88 to 216	33.5	43.5
216 to 960	36	46
960 to 1000	44	54
NOTE: The lower limit shall apply at the transition frequency.		

Measuring Distance	10m		3m	
Frequency of Emission (MHz)	Field Strength(PK) dB(μ V/m)	Field Strength(AV) dB(μ V/m)	Field Strength(PK) dB(μ V/m)	Field Strength(AV) dB(μ V/m)
1000 to 18000	64	44	74	54
18000 to 40000	64	44	74	54

4.4 Test Procedure

The EUT and its simulators are placed on a turntable which is 0.8 meter above ground. The turntable can rotate 360 degrees to determine the position of the maximum emission level. The antenna (boresight antenna tower) can move up and down between 1 meter and 4 meters to find out the maximum emission level.

Both horizontal and vertical polarization of the antenna are set on measurement. In order to find the maximum emission, all of the interface cables must be changed during radiated measurement.

The bandwidth below 1GHz setting on the receiver is 120kHz and above 1GHz is 1MHz.

For an unintentional radiator, including a digital device, the spectrum shall be investigated from the lowest radio frequency signal generated or used in the device, without going below the lowest frequency for which a radiated emission limit is specified, up to the frequency shown in the following table:

Highest frequency generated or used in the device or on which the device operates or tunes (MHz)	Upper frequency of measurement range (MHz)
Below 1.705	30
1.705 to 108	1000
108 to 500	2000
500 to 1000	5000
Above 1000	5 th harmonic of the highest frequency or 40GHz, whichever is lower

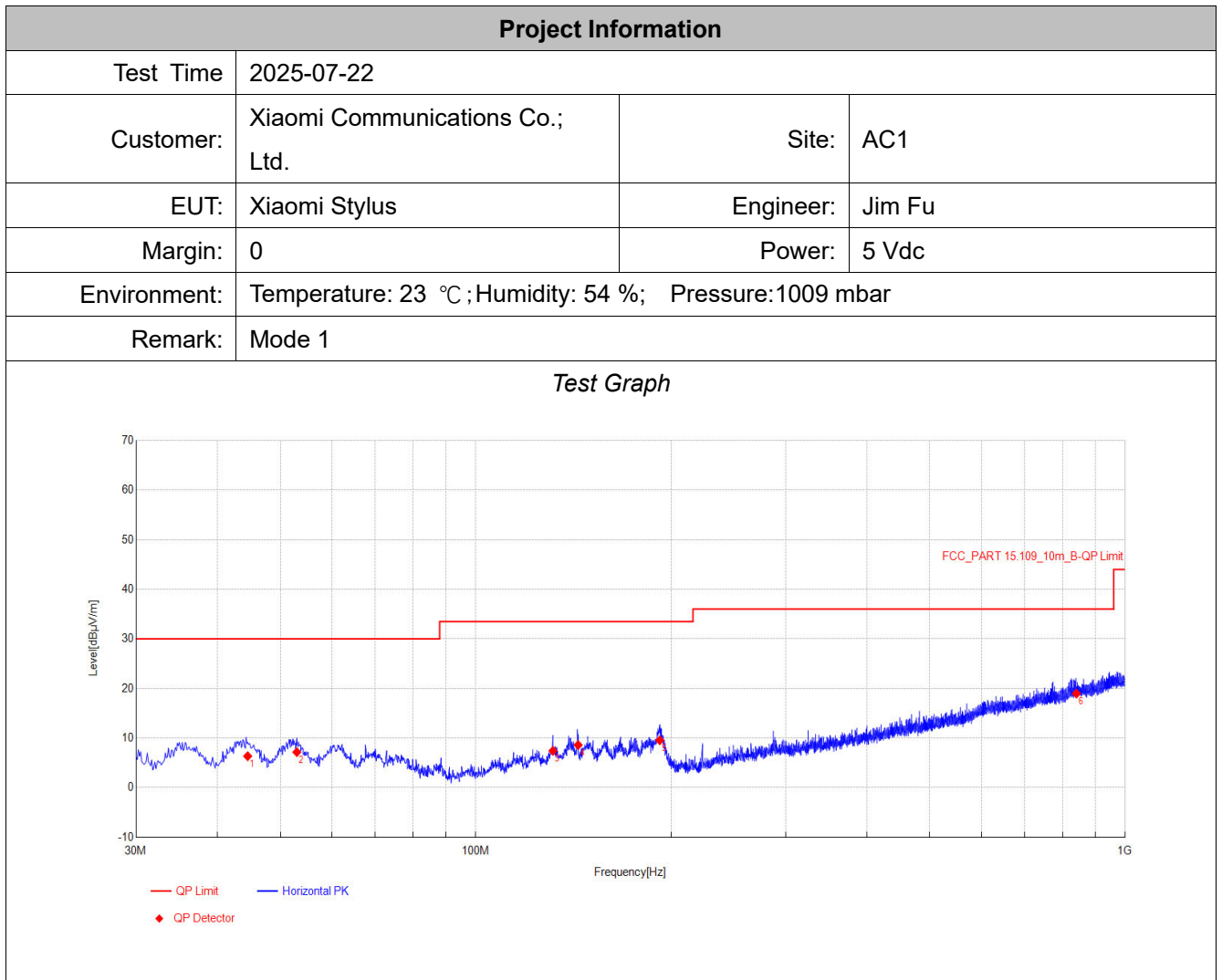
On any frequency or frequencies below or equal to 1000MHz, the radiated limits shown are based on measuring equipment employing a quasi-peak detector function and above 1000MHz, the radiated limits shown are based measuring equipment employing an average detector function.

When average radiated emission measurement included emission measurement above 1000MHz, there also is a limit on the radio frequency emissions, as measured using instrumentation with a peak detector function, corresponding to 20dB above the maximum permitted average limit.

4.5 Deviation from Test Standard

No deviation.

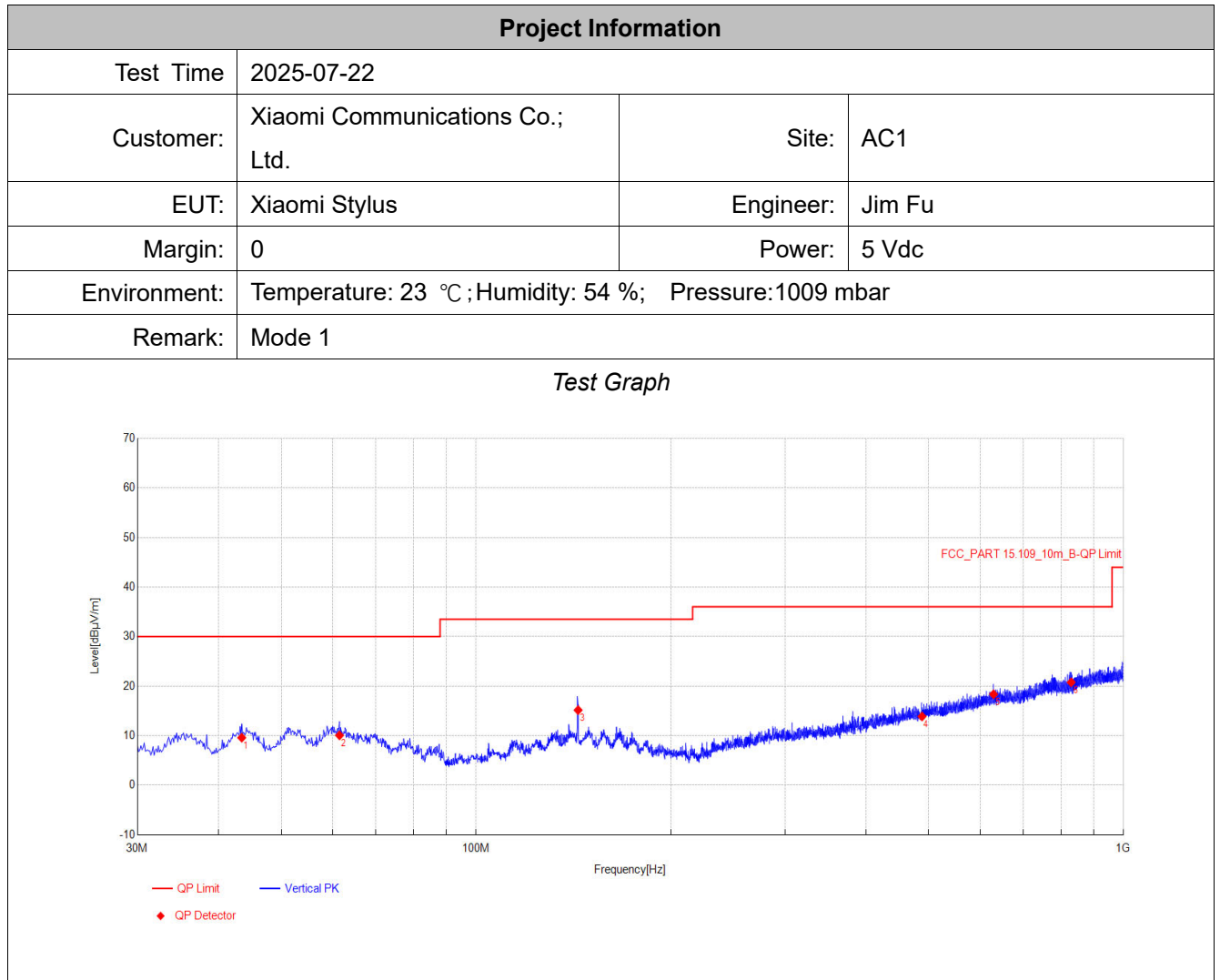
4.6 Test Result



Final Data List									
NO.	Frequency [MHz]	QP Reading [dBμV/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Over [dB]	Factor [dB/m]	Height [cm]	Angle [°]	Pol
1	44.5500	20.73	6.33	30.00	-23.67	-14.40	153	252	Horizontal
2	53.0375	21.43	7.15	30.00	-22.85	-14.28	100	171	Horizontal
3	131.4863	22.39	7.41	33.50	-26.09	-14.98	395	201	Horizontal
4	143.7325	22.58	8.58	33.50	-24.92	-14.00	187	90	Horizontal
5	191.9900	25.52	9.53	33.50	-23.97	-15.99	224	10	Horizontal
6	840.9200	18.56	18.96	36.00	-17.04	0.40	221	303	Horizontal

Note: (1) QP Value=QP Reading + Factor

(2) QP Over= QP Value - Limit

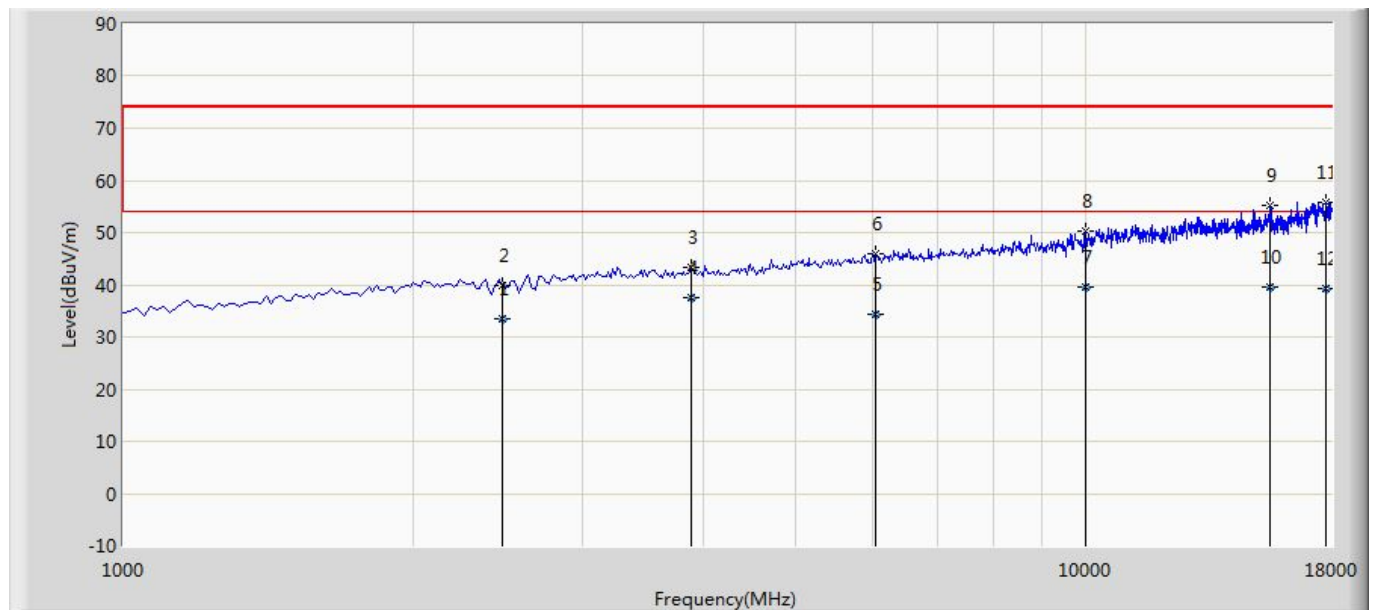


Final Data List									
NO.	Frequency [MHz]	QP Reading [dBμV/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Over [dB]	Factor [dB/m]	Height [cm]	Angle [°]	Pol
1	43.4588	23.67	9.57	30.00	-20.43	-14.10	100	221	Vertical
2	61.5250	24.54	10.05	30.00	-19.95	-14.49	253	57	Vertical
3	143.7325	28.66	15.14	33.50	-18.36	-13.52	282	77	Vertical
4	488.3250	20.52	13.87	36.00	-22.13	-6.65	105	275	Vertical
5	629.8238	21.64	18.34	36.00	-17.66	-3.30	207	135	Vertical
6	830.0075	20.92	20.76	36.00	-15.24	-0.16	319	356	Vertical

Note: (1) QP Value=QP Reading + Factor

(2) QP Over= QP Value - Limit

Engineer: Caviare Yang	
Site: AC5	Time: 2025/07/23
Limit: FCC_Part15.109_RE(3m)_ClassB	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Stylus	Power: 5 Vdc
Note: Mode 1	

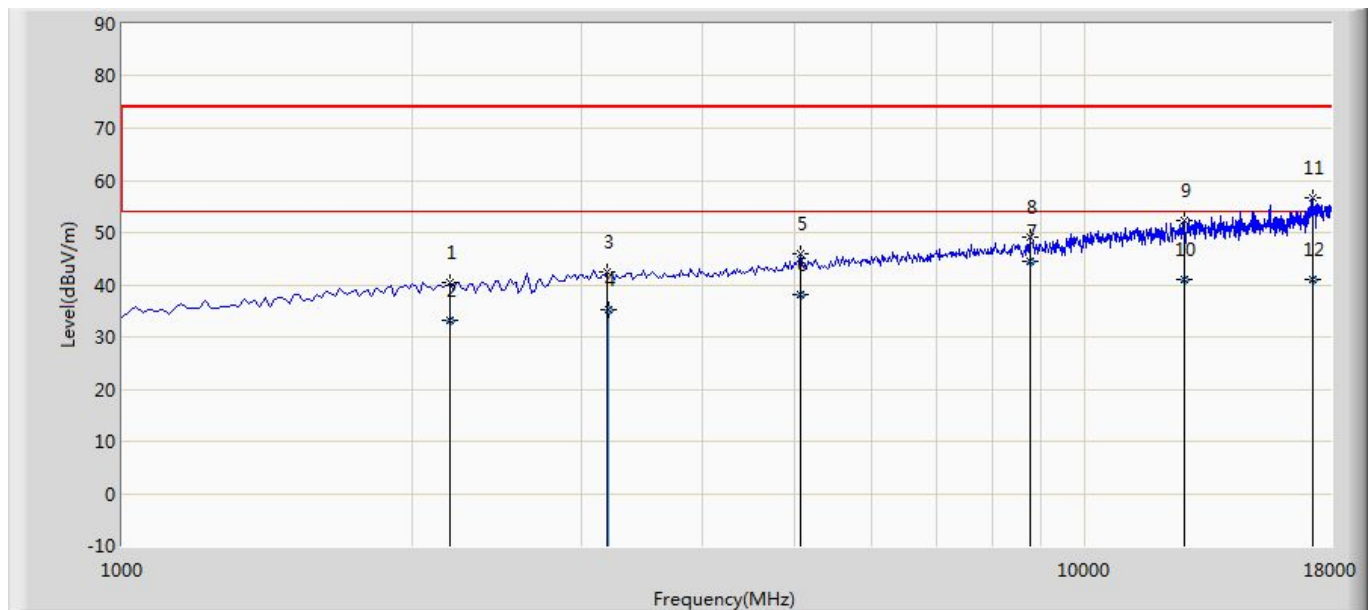


No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Probe (dB/m)	Cable (dB)	Amp (dB)	Ant Pos (cm)	Table Pos (deg)	Type
1		2476.480	33.577	42.530	-20.423	54.000	32.006	3.855	44.814	205	227	AV
2		2479.000	39.849	48.858	-34.151	74.000	32.008	3.796	44.813	205	227	PK
3		3890.000	43.269	48.314	-30.731	74.000	33.010	5.733	43.788	349	102	PK
4		3892.450	37.393	42.510	-16.607	54.000	33.011	5.657	43.786	349	102	AV
5		6048.470	34.290	35.260	-19.710	54.000	34.780	7.055	42.805	145	135	AV
6		6049.000	46.078	47.039	-27.922	74.000	34.780	7.064	42.805	145	135	PK
7		9975.480	39.496	35.520	-14.504	54.000	37.246	10.037	43.307	194	174	AV
8		9976.000	50.216	46.236	-23.784	74.000	37.246	10.041	43.307	194	174	PK
9		15535.000	55.100	46.647	-18.900	74.000	40.344	13.309	45.200	307	303	PK
10	*	15536.470	39.611	31.570	-14.389	54.000	40.344	12.897	45.200	307	303	AV
11		17762.000	55.747	47.571	-18.253	74.000	41.739	11.785	45.348	238	262	PK
12		17766.480	39.285	31.550	-14.715	54.000	41.741	11.341	45.347	238	262	AV

Note:

1. " * ", means this data is the worst emission level.
2. Measurement Level = Reading Level + Factor(Probe+Cable-Amp).

Engineer: Caviare Yang	
Site: AC5	Time: 2025/07/23
Limit: FCC_Part15.109_RE(3m)_ClassB	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Stylus	Power: 5 Vdc
Note: Mode 1	

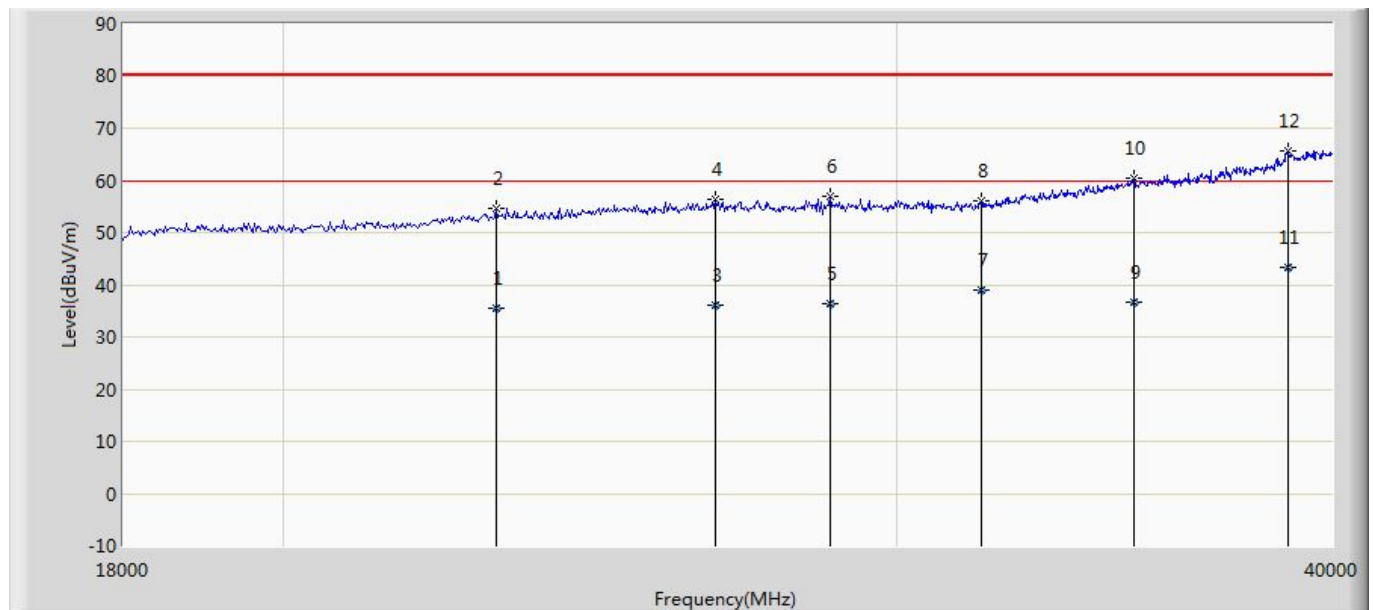


No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Probe (dB/m)	Cable (dB)	Amp (dB)	Ant Pos (cm)	Table Pos (deg)	Type
1		2190.000	40.303	49.708	-33.697	74.000	31.768	3.813	44.986	103	323	PK
2		2193.440	33.048	42.530	-20.952	54.000	31.771	3.731	44.984	103	323	AV
3		3193.000	42.446	49.886	-31.554	74.000	32.564	4.342	44.346	154	272	PK
4		3196.480	35.160	42.580	-18.840	54.000	32.566	4.357	44.343	154	272	AV
5		5063.000	45.938	48.400	-28.062	74.000	33.917	6.796	43.175	196	270	PK
6		5063.440	38.063	40.530	-15.937	54.000	33.917	6.791	43.175	196	270	AV
7	*	8763.440	44.456	42.510	-9.544	54.000	36.148	9.304	43.506	251	250	AV
8		8769.000	49.131	46.477	-24.869	74.000	36.151	10.011	43.508	251	250	PK
9		12662.000	52.351	45.934	-21.649	74.000	39.165	11.021	43.769	332	22	PK
10		12663.480	40.972	34.580	-13.028	54.000	39.166	10.995	43.768	332	22	AV
11		17235.000	56.588	47.511	-17.412	74.000	41.470	13.060	45.453	282	316	PK
12		17235.440	41.148	32.140	-12.852	54.000	41.470	12.991	45.453	282	316	AV

Note:

1. " * ", means this data is the worst emission level.
2. Measurement Level = Reading Level + Factor(Probe+Cable-Amp).

Engineer: Caviare Yang	
Site: AC5	Time: 2025/07/23
Limit: FCC_Part15.109_RE(3m)_ClassB	Margin: 0
Probe: BBHA 9170_750(18-40GHz)	Polarity: Horizontal
EUT: Xiaomi Stylus	Power: 5 Vdc
Note: Mode 1	

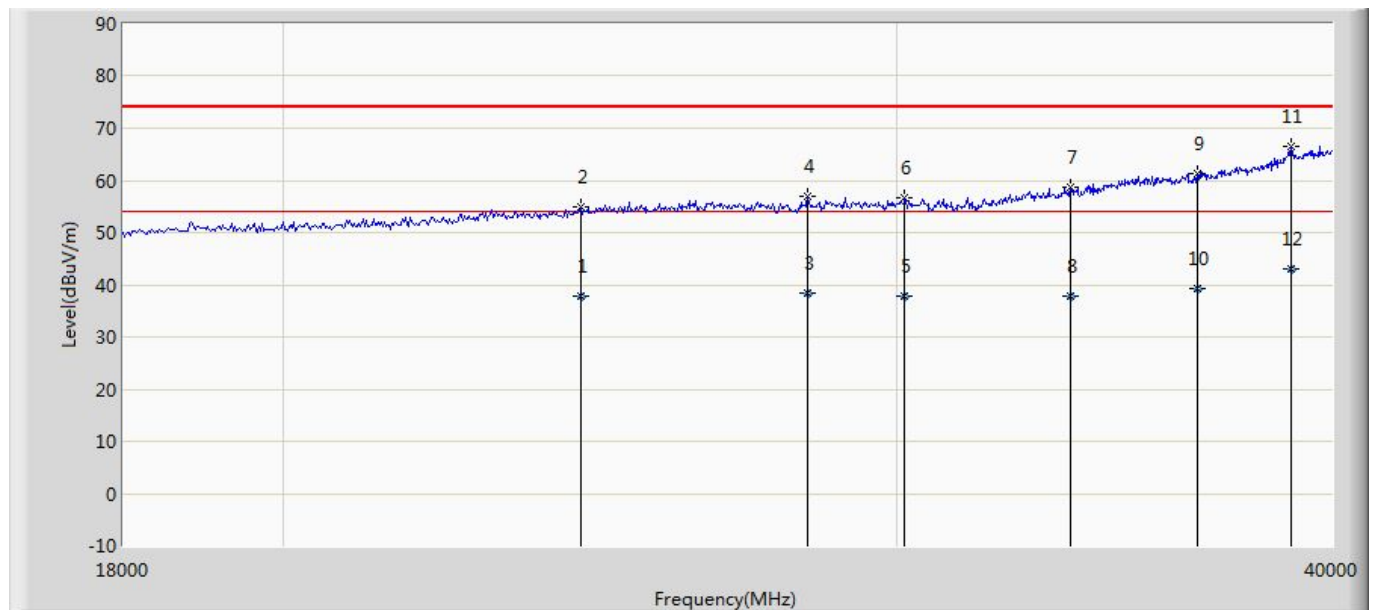


No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Probe (dB/m)	Cable (dB)	Amp (dB)	Ant Pos (cm)	Table Pos (deg)	Type
1		23036.470	35.563	34.150	-18.437	54.000	39.300	8.966	46.853	264	174	AV
2		23038.000	54.675	53.262	-25.325	80.000	39.300	8.966	46.853	264	174	PK
3		26623.470	36.148	32.470	-17.852	54.000	39.775	9.462	45.559	152	321	AV
4		26624.000	56.295	52.617	-23.705	80.000	39.775	9.462	45.559	152	321	PK
5		28711.480	36.452	33.590	-17.548	54.000	40.327	9.936	47.400	112	36	AV
6		28714.000	57.020	54.159	-22.980	80.000	40.328	9.937	47.404	112	36	PK
7		31726.440	39.027	36.520	-14.973	54.000	40.754	10.216	48.464	319	105	AV
8		31728.000	56.029	53.523	-23.971	80.000	40.754	10.217	48.465	319	105	PK
9		35093.640	36.802	31.480	-17.198	54.000	41.931	10.982	47.591	359	264	AV
10		35094.000	60.419	55.096	-19.581	80.000	41.932	10.982	47.591	359	264	PK
11	*	38876.420	43.366	32.560	-10.634	54.000	44.576	11.377	45.147	100	279	AV
12		38878.000	65.634	54.823	-14.366	80.000	44.578	11.377	45.144	100	279	PK

Note:

1. " * ", means this data is the worst emission level.
2. Measurement Level = Reading Level + Factor(Probe+Cable-Amp).

Engineer: Caviare Yang	
Site: AC5	Time: 2025/07/23
Limit: FCC_Part15.109_RE(3m)_ClassB	Margin: 0
Probe: BBHA 9170_750(18-40GHz)	Polarity: Horizontal
EUT: Xiaomi Stylus	Power: 5 Vdc
Note: Mode 1	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Probe (dB/m)	Cable (dB)	Amp (dB)	Ant Pos (cm)	Table Pos (deg)	Type
1		24356.420	37.813	35.510	-16.187	54.000	39.614	9.192	46.503	397	235	AV
2		24358.000	54.836	52.530	-19.164	74.000	39.615	9.192	46.501	397	235	PK
3		28294.730	38.472	35.470	-15.528	54.000	39.995	9.816	46.808	392	146	AV
4		28296.000	57.041	54.039	-16.959	74.000	39.996	9.816	46.810	392	146	PK
5		30165.430	37.826	34.858	-16.174	54.000	40.433	10.073	47.538	159	78	AV
6		30166.000	56.729	53.761	-17.271	74.000	40.433	10.073	47.538	159	78	PK
7		33642.000	58.835	55.688	-15.165	74.000	41.100	10.750	48.703	120	6	PK
8		33644.100	37.730	34.580	-16.270	54.000	41.100	10.751	48.701	120	6	AV
9		36612.000	61.338	54.570	-12.662	74.000	42.934	11.122	47.288	376	166	PK
10		36614.470	39.362	32.590	-14.638	54.000	42.937	11.123	47.287	376	166	AV
11	*	38922.000	66.380	55.428	-7.620	74.000	44.622	11.381	45.051	317	358	PK
12		38923.450	43.107	32.150	-10.893	54.000	44.623	11.381	45.048	317	358	AV

Note:

1. " * ", means this data is the worst emission level.
2. Measurement Level = Reading Level + Factor(Probe+Cable-Amp).

4.7 Test Photograph

Refer to 2560810R-Product Photos-FCC

5 Attachment

EUT Photograph

Refer to 2560810R-Product Photos-FCC

———— The End ————