



TEST REPORT

1. Applicant

Name : Genmega Gaming LLC

Address : 2901 Executive Blvd, Mesquite TX 75149

2. Use of Report : For FCC

3. Type of Equipment / Model : A-POD / A-POD

Variant Model : N/A

4. Wireless Module Name : MDBT50Q

5. Date of Test : Mar. 16, 2026 ~ Mar. 17, 2026

Issue Date : Apr. 01, 2026

6. Test Standard(method) used (EMC Class B): FCC PART 15 SUBPART B

7. Test Results : Complied

Prepared by

**UL Korea, Ltd. Suwon Laboratory
218 Maeyeong-ro, Yeongtong-gu,
Suwon-si, Gyeonggi-do, 16675, Korea
TEL: +82-31-337-9902
FAX: +82-31-213-5433**

Revision History

Rev.	Issue Date	Revisions	Revised By
V1	03/19/26	Initial issue	Sanghyuck Im
V2	03/23/26	Updated to address TCB's question	Sanghyuck Im
V3	04/01/26	Updated to address TCB's question	Sanghyuck Im

[Brief summary of EMI test]

Test Title	Frequency	Margin	Detector	Tested Mode
Conducted Emission Test	0.154000 MHz	12.94 dB	QP	RS232
Radiated Emission Test (30 MHz ~ 1 GHz)	75.290500 MHz	1.36 dB	QP	RS232
Radiated Emission Test (1 GHz ~ 18 GHz)	6 385.125000 MHz	16.28 dB	PK	USB

TABLE OF CONTENTS

1. ATTESTATION OF TEST RESULTS.....	4
2. TEST METHODOLOGY	6
3. FACILITIES AND ACCREDITATION.....	6
4. CALIBRATION AND UNCERTAINTY	7
4.1. MEASURING INSTRUMENT CALIBRATION	7
4.2. SAMPLE CALCULATION	7
4.3. MEASUREMENT UNCERTAINTY.....	7
4.4. DECISION RULE	7
5. EQUIPMENT UNDER TEST	8
5.1. DESCRIPTION OF EUT.....	8
5.2. MODIFICATIONS	8
6. DESCRIPTION OF TEST SETUP.....	9
6.1. Preliminary Test Configurations	9
6.2. Operating mode	9
6.3. Description of EUT and Support equipment.....	10
6.4. List of cables used	11
6.5. Configuration and peripherals	12
7. Test condition and results	13
7.1. RADIATED EMISSIONS	13
7.2. AC MAINS LINE CONDUCTED EMISSIONS	19

1. ATTESTATION OF TEST RESULTS

APPLICANT : Genmega Gaming LLC

MANUFACTURER NAME / ADDRESS : GEMIGLOBAL CO., LTD.
SUITE 1228, 127-33 GASAN DIGITAL 2-RO,
GEUMCHEON-GU, SEOUL, KOREA

EUT DESCRIPTION : A-POD

MODEL NUMBER : A-POD

VARIANT MODEL : N/A

VARIANT MODEL DIFFERENCES : N/A

SERIAL NUMBER : N/A

DATE TESTED : Mar. 16, 2026 ~ Mar. 17, 2026

APPLICABLE STANDARDS	
STANDARD	TEST RESULTS
FCC PART 15 SUBPART B	PASS

Equipment Class	Class B
-----------------	---------

UL Korea Ltd. tested the above equipment in accordance with the requirements set forth in the above standards. All indications of Pass/Fail in this report are opinions expressed by UL Korea Ltd. based on interpretations and/or observations of test results. Measurement Uncertainties were not taken into account and are published for informational purposes only. The test results show that the equipment tested is capable of demonstrating compliance with the requirements as documented in this report.

Note: The results documented in this report apply only to the tested sample, under the conditions and modes of operation as described herein. This document may not be altered or revised in any way unless done so by UL Korea Ltd. and all revisions are duly noted in the revisions section. Any alteration of this document not carried out by UL Korea Ltd. will constitute fraud and shall nullify the document. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, any agency of the Federal Government, or any agency of any government.

Approved & Released For
UL Korea, Ltd. By:

Tested By:



Anthony Kim
Operations Leader
UL Korea, Ltd



Sanghyuck Im
Laboratory Engineer Associate
UL Korea, Ltd.

2. TEST METHODOLOGY

All tests were performed in accordance with the procedures documented in ANSI C63.4:2014, FCC CFR 47 Part 2, FCC CFR 47 Part 15.

Reference standards	Test requirements	Applied	Results
FCC Part15 Subpart B	Conducted emission	☒	Pass
FCC Part15 Subpart B	Radiated emission (Below 1 GHz)	☒	Pass
FCC Part15 Subpart B	Radiated emission (Above 1 GHz)	☒	Pass
FCC Part15 Subpart B	Antenna Conducted Power	☐	N/A ^{Note}
Note: No ports apply to the standard.			

3. FACILITIES AND ACCREDITATION

The test sites and measurement facilities used to collect data are located at 218 Maeyeong-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16675, Korea.

UL Korea, Ltd. Suwon Laboratory	
☒	Semi-anechoic 10 m chamber – RE
☐	Full-anechoic chamber - RS
☐	Shield room 1
☒	Shield room 2

UL Korea, Ltd. is accredited by RRA, Laboratory Code KR0161. The full scope of accreditation can be viewed at <https://www.rra.go.kr/ko/include/view.do?type=1>

4. CALIBRATION AND UNCERTAINTY

4.1. MEASURING INSTRUMENT CALIBRATION

The measuring equipment utilized to perform the tests documented in this report has been calibrated in accordance with the manufacturer's recommendations, and is traceable to recognized national standards.

4.2. SAMPLE CALCULATION

Where relevant, the following sample calculation is provided:

Test Item	Sample
Field Strength (dBuV/m)	Measured Voltage (dBuV/m) = Receiver Reading + Correction *Correction = Antenna Factor (dB/m) + Cable Loss (dB) - Preamplifier Gain (dB)
	28.9 dBuV/m = 36.5 dBuV - 7.6 dB
Conducted (dBuV)	Measured Voltage (dBuV) = Receiver Reading + Correction *Correction = AMN(AAN) Factor (dB) + Cable Loss (dB)
	55.3 dBuV = 45.5 dBuV + 9.8 dB

4.3. MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the apparatus:

Test Item	Measurement uncertainty
Conducted Emission (0.15 to 30 MHz Below)	2.90 dB, Note 1
Radiated emission (1 GHz Below)	5.36 dB, Note 1
Radiated emission (18 GHz Below)	4.42 dB, Note 1
Note 1: Measurement uncertainty is calculated in accordance with CISPR 16-4-2 (2011-06). The measurement uncertainty is given with a confidence of 95 % with the coverage factor, $k=2$.	

Uncertainty figures are valid to a confidence level of 95%, $k=2$.

4.4. DECISION RULE

Decision rule for statement(s) of conformity is based on Clause 4.3.3 in IEC Guide 115:2023. Measurement Uncertainty is not applied when providing statements of conformity in accordance with IEC Guide 115:2023, 4.3.3.

5. EQUIPMENT UNDER TEST

5.1. DESCRIPTION OF EUT

GENERAL INFORMATION

Rated Power	EUT	DC 12 V, 1 A
	AC ADAPTER	INPUT: AC 100-240 V, 50/60 Hz OUTPUT: DC 12 V, 3.5 A
Max Clock		Bluetooth Low Energy 2.4 GHz

5.2. MODIFICATIONS

N/A

6. DESCRIPTION OF TEST SETUP

6.1. Preliminary Test Configurations

The system was configured for testing in a typical fashion that a customer would normally use.

The fundamentals of the EUT were tested in three orthogonal orientations (X, Y, and Z). The Z-axis orientation was determined to be the worst-case orientation.

6.2. Operating mode

- The mode(s):
1. RS232 Mode
 - The EUT (#1) was operated wireless communication with Mobile Phone at 2.4 GHz channel (BLE).
 - The EUT (#1) was conducted in continuous communication with Notebook PC (RS-232).
 2. USB Mode
 - The EUT (#2) was operated wireless communication with Mobile Phone at 2.4 GHz channel (BLE).
 - The EUT (#2) was conducted in continuous communication with Notebook PC (USB)

[Test Voltage / Frequency]

Voltage (V)	AC 120 V	All tests
Frequency (Hz)	60 Hz	All tests

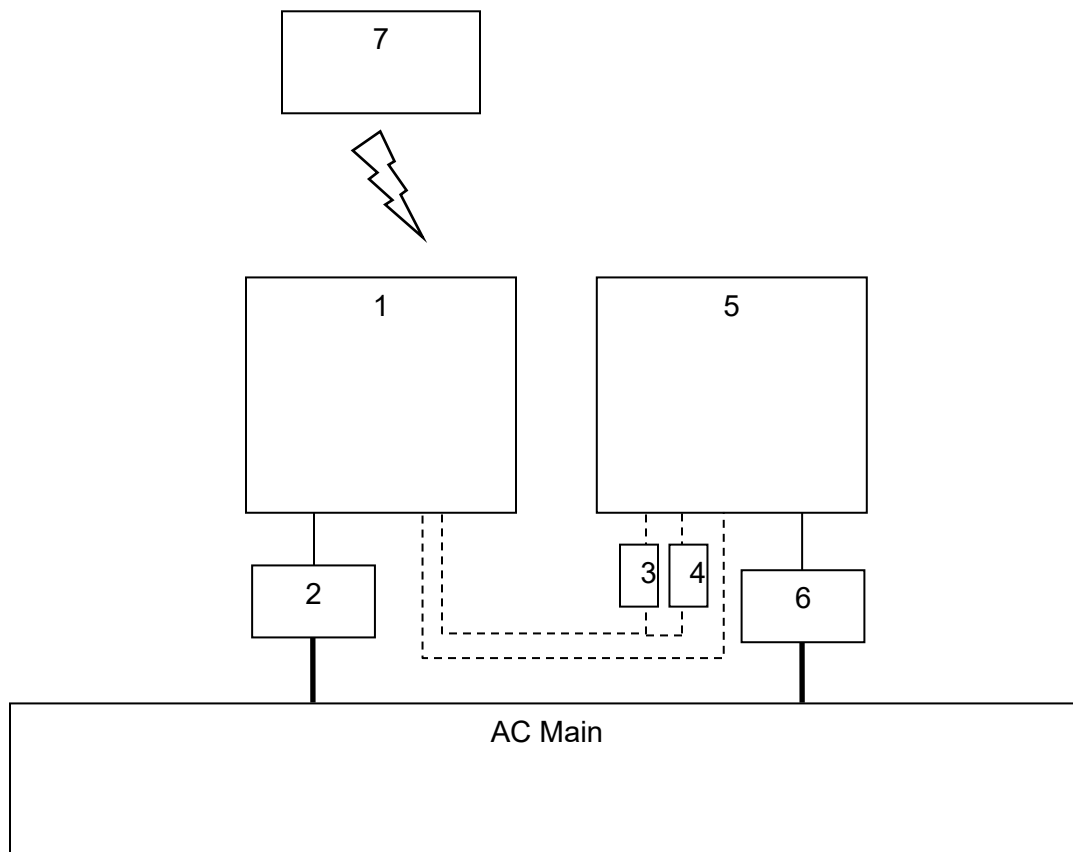
6.3. Description of EUT and Support equipment

Support Equipment List				
Description	Manufacturer	Model	Serial Number	FCC ID/SDoC
A-POD #1	GEMIGLOBAL CO., LTD.	A-POD	N/A	2BRQ7A-POD2
A-POD #2	GEMIGLOBAL CO., LTD.	A-POD	N/A	2BRQ7A-POD2
AC ADAPTER	Dongguan Jinhua Sheng Power Technology Co., Ltd.	RS-350/120-S336	N/A	-
RS232 to USB Adapter 1	EZ-NET	NEXT-RS232U20	N/A	-
RS232 to USB Adapter 2	EZ-NET	NEXT-RS232U20	N/A	-
Notebook PC	DELL	Latitude 5520	N/A	-
Notebook PC AC ADAPTER	Chicony Power Technology (Suzhou) Co., Ltd.	HA65NM190	N/A	-
Mobile Phone	Samsung Electronics Co., Ltd.	SM-G955N	N/A	-

6.4. List of cables used

I/O Cable List							
Cable No	Start		End		Cable		
	Name	I/O Port	Name	I/O Port	Cable Length (m)	Shield	With Ferrite
1	EUT #1	DC IN	AC ADAPTER	DC OUT	1.2	Unshield	X
2	AC ADAPTER	AC IN	AC Main	AC OUT	2.0	Unshield	X
3	EUT #1	RS-232	RS232 to USB Adapter 1	RS-232	2.5	Shield	X
4	RS232 to USB Adapter 1	USB	Notebook PC	USB 1	4.0	Shield	O
5	EUT #1	RS-232	RS232 to USB Adapter 2	RS-232	2.5	Shield	X
6	RS232 to USB Adapter 2	USB	Notebook PC	USB 2	5.0	Shield	X
7	EUT #1	USB	Notebook PC	USB 3	1.2	Shield	X
8	Notebook PC	DC IN	Notebook PC AC ADAPTER	DC OUT	1.2	Shield	O
9	Notebook PC AC ADAPTER	AC IN	AC Main	AC OUT	2.0	Unshield	X
10	EUT #1	-	Mobile Phone	-	-	-	-

6.5. Configuration and peripherals



—— : DC Power Line
—— : AC Power Line
----- : Signal Line

1. EUT #1
2. AC ADAPTER
3. RS232 to USB Adapter 1
4. RS232 to USB Adapter 2
5. Notebook PC
6. Notebook PC AC ADAPTER
7. Mobile Phone

7. Test condition and results

7.1. RADIATED EMISSIONS

TEST: Limits for Radiated emission				
Method	ANSI C63.4: 2014 amended as per ANSI C63.4a-2017			
	The radiated disturbance was measured and set-up was made accordance with ANSI C63.4-2014+C63.4a-2017.			
	If the EUT is tabletop equipment, it was placed on a wooden table with a height of 0.8 m above the reference ground plane and 3 m or 10 m away from the interference receiving antenna in the 10m semi-anechoic chamber.			
	Also if the EUT is floor-standing equipment, it was placed on a non-conducted support with a height up to 0.15 m above the reference ground plane.			
	Rotate the EUT from (0 - 360)° and position the receiving antenna at heights from (1 - 4) m above the reference ground plane continuously to determine associated with higher emission levels and record them.			
	The measurement was made in both the vertical and horizontal polarization, and the maximum value is presented in the report.			
	For below 1 GHz frequency range, Quasi-Peak detector with 120 kHz RBW was used.			
	Also Peak and Average detector with 1 MHz RBW were used for above 1 GHz frequency range.			
	For further description of the configuration refer to the picture of the test set-up.			
Basic Standard		FCC Part15 Subpart B		
Parameters recorded during the test	Laboratory Ambient Temperature		23.5 ± 1 °C	
	Relative Humidity		33.2 ± 1 % R.H	
	Frequency range		Measurement Point	
Fully configured sample scanned over the following frequency range	30.0 MHz – 18.0 GHz		Product Enclosure	
Limit_Radiated Emission below 1 000 MHz				
Frequency range (MHz)	Class A Equipment (10 m distance)		Class B Equipment (3 m distance)	
	Quasi-peak (dBµV/m)	Results	Quasi-peak (dBµV/m)	Results
30 to 88	39.1	N/A	40	PASS
88 to 216	43.5	N/A	43.5	PASS
216 to 960	46.4	N/A	46	PASS
960 to 1 000	49.5	N/A	54	PASS

Note 1 The lower limit shall apply at the transition frequency.

Note 2 Additional provisions may be required for cases where interference occurs.

Note 3 According to 15.109(g), as an alternative to the radiated emission limit shown above, digital devices may be shown to comply with the Standards(CISPR), Pub. 22 shown as below.

Note 4 Test data in this report has been taken against the FCC 15.109(a) or (g) limit as it is the most stringent limit.

By complying with the more restrictive FCC 15.109 limit compliance with the ICES-003 Issue 7 limit is also demonstrated.

Frequency range (MHz)	Class A Equipment (10 m distance)		Class B Equipment (10 m distance)	
	Quasi-peak (dBμV/m)	Results	Quasi-peak (dBμV/m)	Results
30 to 230	40	N/A	30	N/A
230 to 1 000	47	N/A	37	N/A

Limits_Radiated Emission above 1 000 MHz at a measuring distance of 3 m

Frequency (GHz)	Class A Equipment			Class B Equipment		
	Peak (dBμV/m)	Average (dBμV/m)	Result	Peak (dBμV/m)	Average (dBμV/m)	Result
1 to 18	80	60	N/A	74	54	PASS
18 to 40	80	60	N/A	74	54	N/A

Note 1 Measure up to the 5th harmonic of the highest frequency, or 40 GHz, whichever is lower

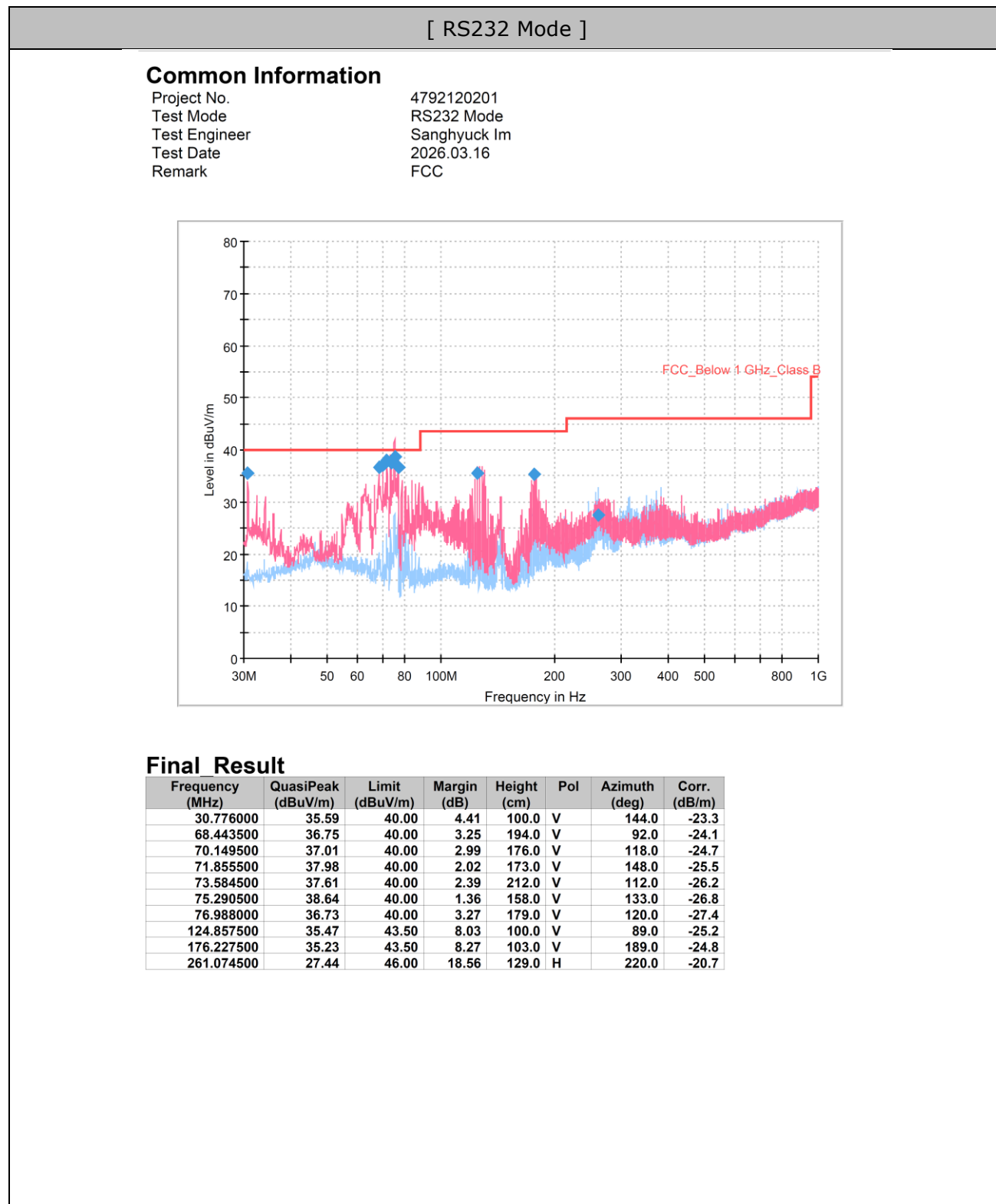
Test Equipment used:

Description	Manufacturer	Model	Identifier	Cal. Date	Netx Cal. Date
EMI Receiver	R&S	ESW44	101848	2025.07.18	2026.07.18
TRILOG Broadband Antenna	Schwarzbeck	VULB9163	1241	2025.07.23	2027.07.23
Double-Ridged Guide Antenna	ETS Lindgren	3117	227047	2024.07.25	2026.07.25
Pre-Amplifier	R&S	SCU08F2	100725	2025.07.21	2026.07.21
Pre-Amplifier	R&S	SCU18F	100726	2025.07.21	2026.07.21
TEST Program	R&S	EMC 32 (Version 10.60.10)	N/A	N/A	N/A

Table 1. Radiated Emissions Data 30 MHz to 1 000 MHz

Date: Mar. 16, 2026

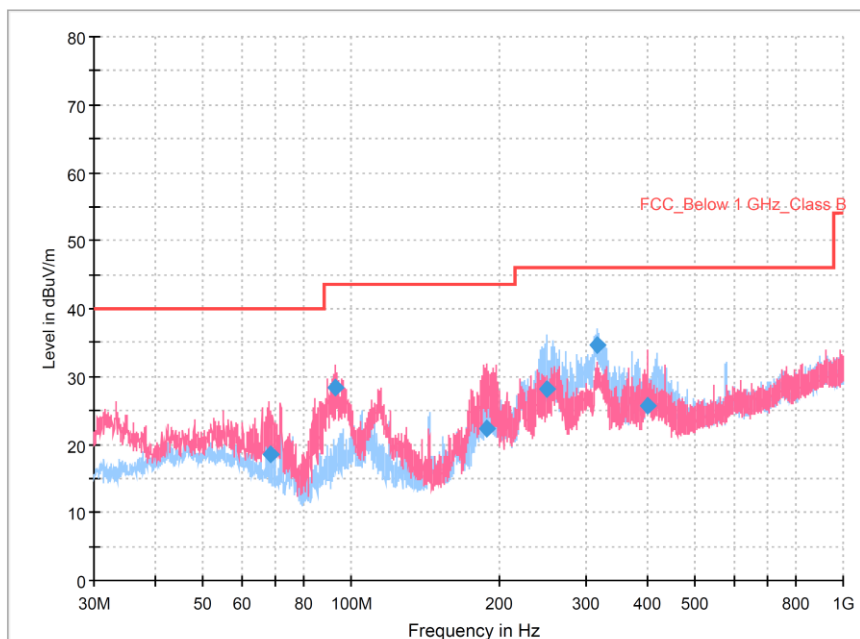
Test engineer: Sanghyuck Im



[USB Mode]

Common Information

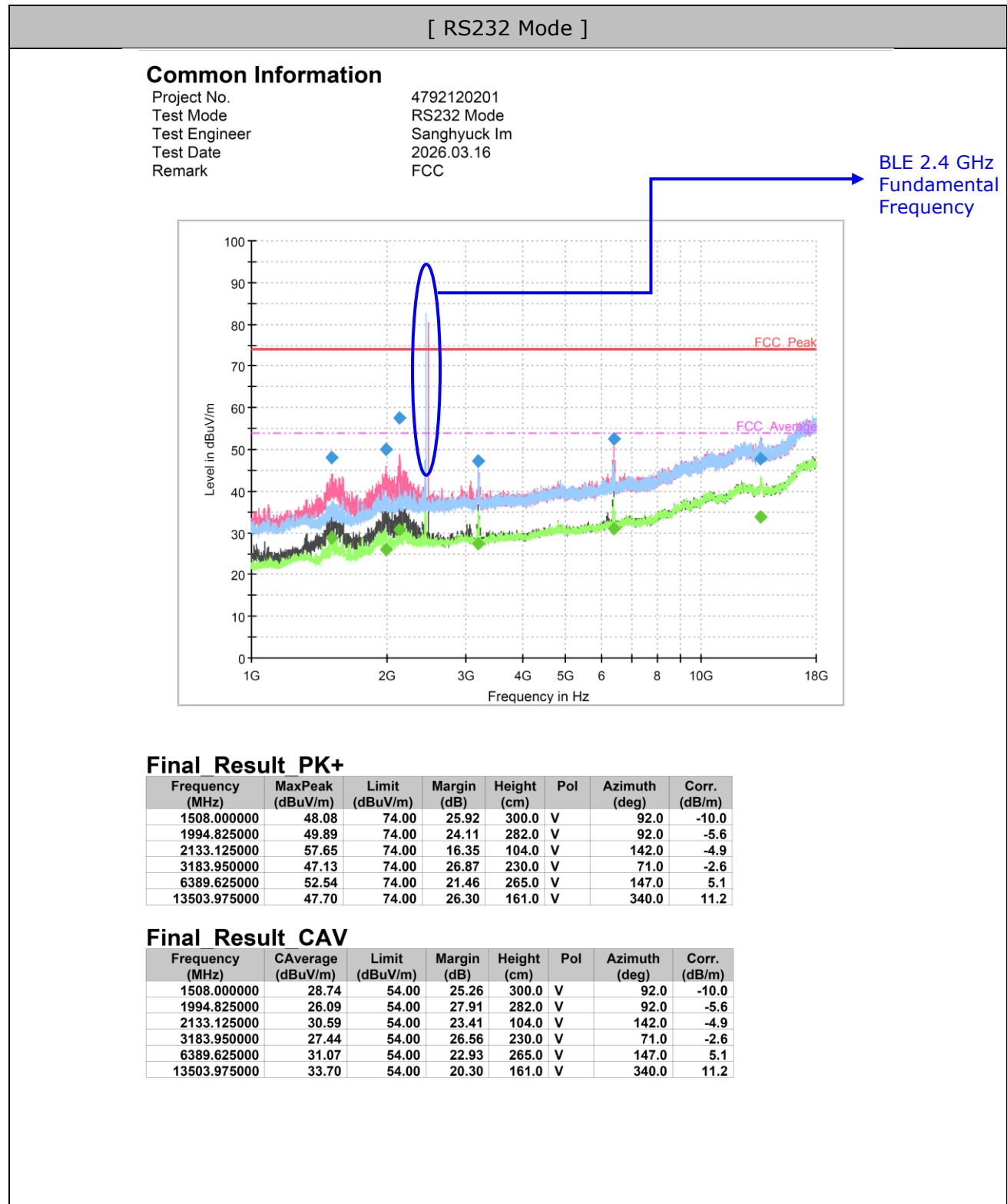
Project No. 4792120201
Test Mode USB Mode
Test Engineer Sanghyuck Im
Test Date 2026.03.16
Remark FCC



Final Result

Frequency (MHz)	QuasiPeak (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
68.386500	18.55	40.00	21.45	201.0	V	85.0	-24.1
92.950500	28.28	43.50	15.22	103.0	V	289.0	-23.7
189.043500	22.38	43.50	21.12	150.0	V	169.0	-23.4
249.443000	28.10	46.00	17.90	109.0	H	248.0	-20.4
315.191000	34.63	46.00	11.37	124.0	H	228.0	-19.4
400.520500	25.60	46.00	20.40	144.0	V	55.0	-16.8

Table 2. Radiated Emissions Data 1 000 MHz to 18 000 MHz

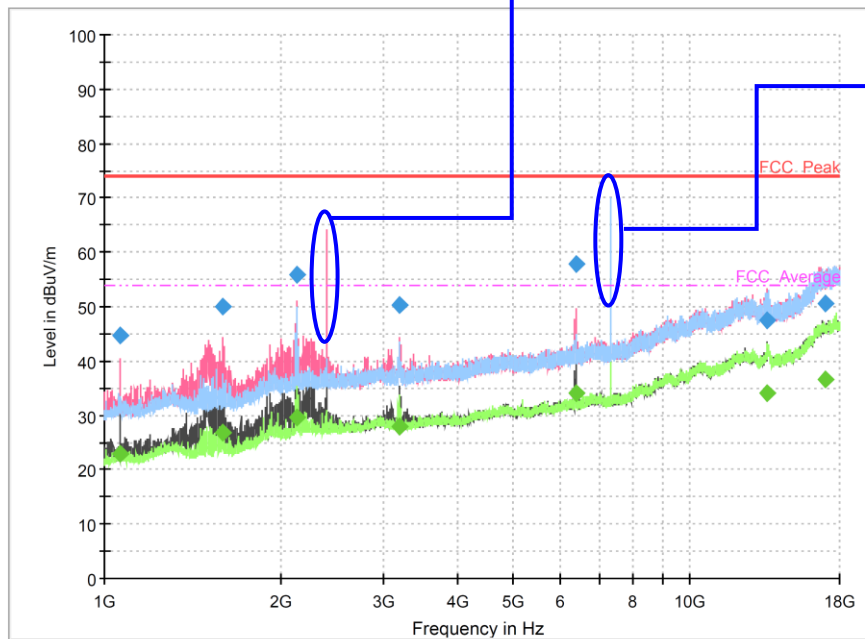


- Radiated emission(Frequency and Harmonics) from the transceiver shall be ignored.

[USB Mode]

Common Information

Project No. 4792120201
Test Mode USB Mode
Test Engineer Sanghyuck Im
Test Date 2026.03.16
Remark FCC



Final Result PK+

Frequency (MHz)	MaxPeak (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1064.725000	44.58	74.00	29.42	400.0	V	109.0	-11.1
1596.650000	49.94	74.00	24.06	400.0	V	106.0	-9.4
2131.025000	55.95	74.00	18.05	293.0	V	156.0	-4.9
3185.425000	50.36	74.00	23.64	100.0	V	299.0	-2.6
6385.125000	57.72	74.00	16.28	233.0	V	157.0	5.1
13546.750000	47.51	74.00	26.49	155.0	V	332.0	11.3
17074.825000	50.60	74.00	23.40	400.0	V	210.0	17.3

Final Result CAV

Frequency (MHz)	CAverage (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1064.725000	22.95	54.00	31.05	400.0	V	109.0	-11.1
1596.650000	26.88	54.00	27.12	400.0	V	106.0	-9.4
2131.025000	29.73	54.00	24.27	293.0	V	156.0	-4.9
3185.425000	27.90	54.00	26.10	100.0	V	299.0	-2.6
6385.125000	34.19	54.00	19.81	233.0	V	157.0	5.1
13546.750000	33.98	54.00	20.02	155.0	V	332.0	11.3
17074.825000	36.71	54.00	17.29	400.0	V	210.0	17.3

- Radiated emission(Frequency and Harmonics) from the transceiver shall be ignored.

7.2. AC MAINS LINE CONDUCTED EMISSIONS

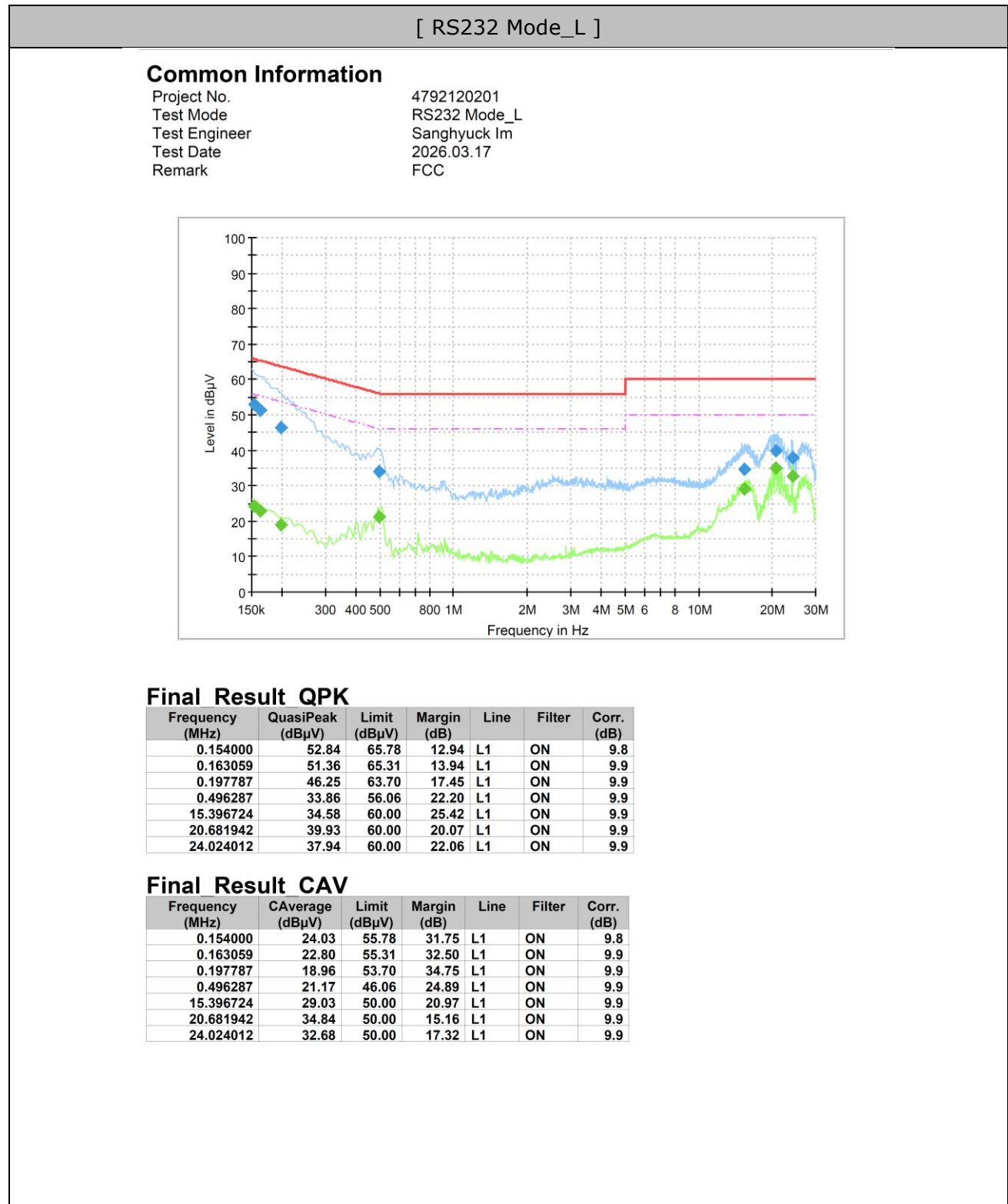
TEST: Limits of Conducted emission				
Method	ANSI C63.4: 2014 amended as per ANSI C63.4a-2017			
	If the EUT is table top equipment, it was placed on a wooden table with a height of 0.8 m above the reference ground plane and 0.4 m from the conducting wall of the shielded room.			
	Also if the EUT is floor-standing equipment, it was placed on a non-conducted support with a height up to 0.15 m above the reference ground plane.			
	Connect the EUT’s power source lines to the appropriate power mains / peripherals through the LISN. All the other peripherals are connected to the 2nd LISN, if any.			
	Unused measuring port of the LISN was resistively terminated by 50 ohm terminator. The measuring port of the LISN for EUT was connected to spectrum analyzer. Using conducted emission test software, the emissions were scanned with peak detector mode. After scanning over the frequency range, suspected emissions were selected to perform final measurement. When performing final measurement, the receiver was used which has Quasi-Peak detector and Average detector.			
	By varying the configuration of the test sample and the cable routing it was attempted to maximize the emission.			
	For further description of the configuration refer to the picture of the test set-up			
Basic Standard		FCC Part15 Subpart B		
Parameters recorded during the test		Laboratory Ambient Temperature		21.6 ± 1 °C
		Relative Humidity		31.3 ± 1 % R.H
-		Frequency range on each side of line		Measurement Point
Fully configured sample scanned over the following frequency range		150 kHz to 30 MHz		AC Power Input Port
Limits - Class A				
Frequency (MHz)	Limit (dBµV)			
	Quasi-Peak	Result	Average	Result
0.15 to 0.50	79	N/A	66	N/A
0.50 to 30	73	N/A	60	N/A
Limits – Class B				
Frequency (MHz)	Limit (dBµV)			
	Quasi-Peak	Result	Average	Result
0.15 to 0.50	66 to 56	PASS	56 to 46	PASS
0.50 to 5	56	PASS	46	PASS
5 to 30	60	PASS	50	PASS

Test Equipment used:					
Description	Manufacturer	Model	Identifier	Cal. Date	Next Cal. Date
EMI Test Receiver	R&S	ESR3	102592	2025.07.21	2026.07.21
Two-Line V-Network	R&S	ENV216	102478	2025.07.24	2026.07.24
Two-Line V-Network	R&S	ENV216	102479	2025.07.24	2026.07.24
TEST Program	R&S	EMC 32 (VERSION 10.60.10)	N/A	N/A	N/A

Table 3. Conducted emission Test data

Date: Mar. 17, 2026

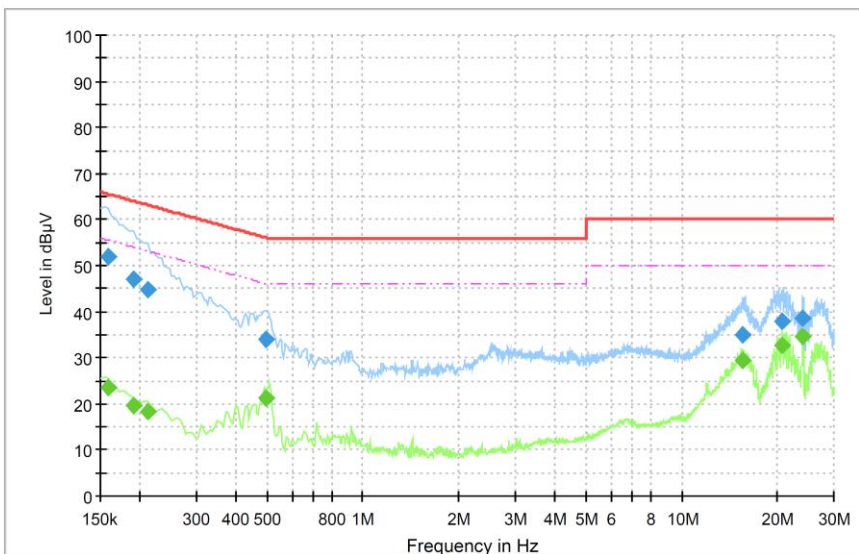
Test engineer: Sanghyuck Im



[RS232 Mode_N]

Common Information

Project No. 4792120201
Test Mode RS232 Mode_N
Test Engineer Sanghyuck Im
Test Date 2026.03.17
Remark FCC



Final Result QPK

Frequency (MHz)	QuasiPeak (dBμV)	Limit (dBμV)	Margin (dB)	Line	Filter	Corr. (dB)
0.158890	52.00	65.52	13.52	N	ON	9.8
0.189618	47.17	64.05	16.88	N	ON	9.9
0.210956	44.78	63.17	18.39	N	ON	9.8
0.496287	33.87	56.06	22.20	N	ON	9.9
15.437459	34.88	60.00	25.12	N	ON	9.9
20.629942	37.97	60.00	22.03	N	ON	9.9
23.997115	38.71	60.00	21.29	N	ON	9.9

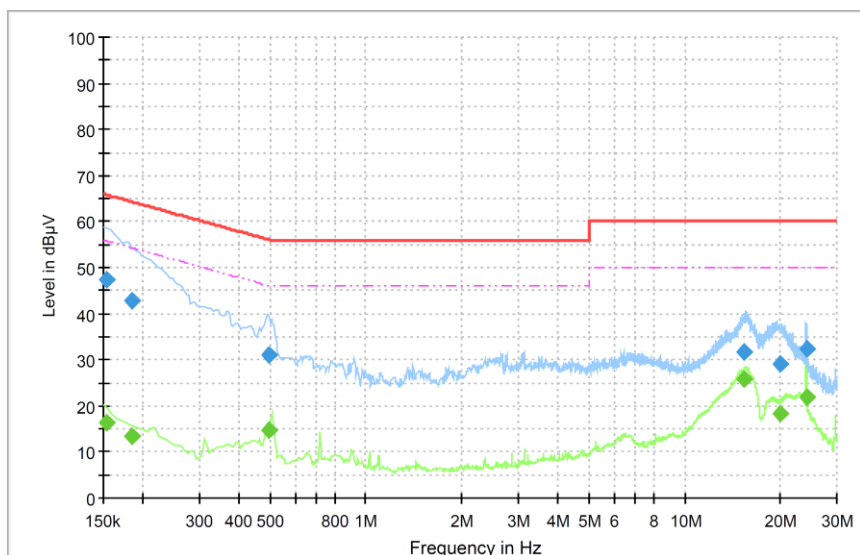
Final Result CAV

Frequency (MHz)	CAverage (dBμV)	Limit (dBμV)	Margin (dB)	Line	Filter	Corr. (dB)
0.158890	23.49	55.52	32.03	N	ON	9.8
0.189618	19.65	54.05	34.41	N	ON	9.9
0.210956	18.44	53.17	34.73	N	ON	9.8
0.496287	21.17	46.06	24.89	N	ON	9.9
15.437459	29.39	50.00	20.61	N	ON	9.9
20.629942	32.56	50.00	17.44	N	ON	9.9
23.997115	34.50	50.00	15.50	N	ON	9.9

[USB Mode_L]

Common Information

Project No. 4792120201
Test Mode USB Mode_L
Test Engineer Sanghyuck Im
Test Date 2026.03.17
Remark FCC



Final Result QPK

Frequency (MHz)	QuasiPeak (dBμV)	Limit (dBμV)	Margin (dB)	Line	Filter	Corr. (dB)
0.154000	47.30	65.78	18.48	L1	ON	9.8
0.184228	42.96	64.29	21.34	L1	ON	9.9
0.496897	30.96	56.05	25.09	L1	ON	9.9
15.383942	31.58	60.00	28.42	L1	ON	9.9
19.826688	29.04	60.00	30.96	L1	ON	9.9
24.063598	32.49	60.00	27.51	L1	ON	9.9

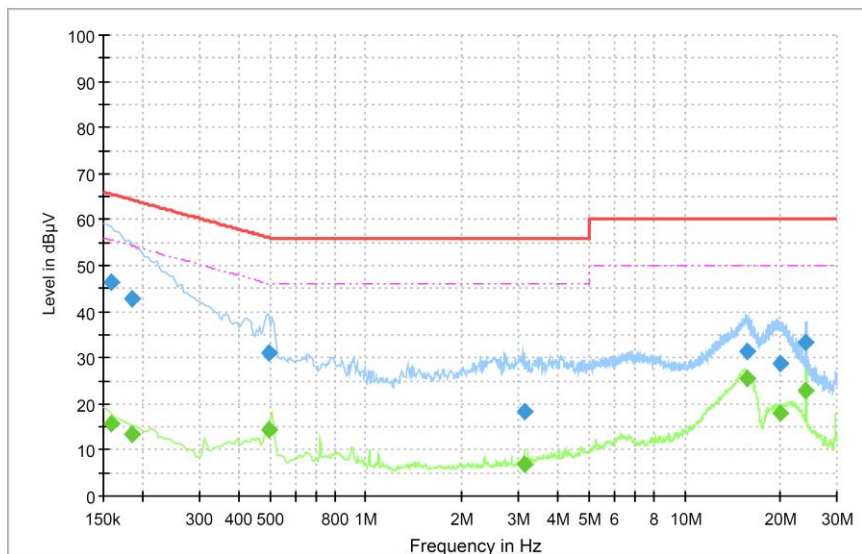
Final Result CAV

Frequency (MHz)	CAverage (dBμV)	Limit (dBμV)	Margin (dB)	Line	Filter	Corr. (dB)
0.154000	16.27	55.78	39.51	L1	ON	9.8
0.184228	13.37	54.29	40.92	L1	ON	9.9
0.496897	14.56	46.05	31.49	L1	ON	9.9
15.383942	25.90	50.00	24.10	L1	ON	9.9
19.826688	18.29	50.00	31.71	L1	ON	9.9
24.063598	21.75	50.00	28.25	L1	ON	9.9

[USB Mode_N]

Common Information

Project No. 4792120201
Test Mode USB Mode_N
Test Engineer Sanghyuck Im
Test Date 2026.03.17
Remark FCC



Final Result QPK

Frequency (MHz)	QuasiPeak (dBμV)	Limit (dBμV)	Margin (dB)	Line	Filter	Corr. (dB)
0.158279	46.36	65.55	19.19	N	ON	9.8
0.184228	42.95	64.29	21.35	N	ON	9.9
0.495897	30.89	56.07	25.18	N	ON	9.9
3.126222	18.24	56.00	37.76	N	ON	9.7
15.620079	31.24	60.00	28.76	N	ON	9.9
19.810919	28.89	60.00	31.11	N	ON	9.9
24.005115	33.26	60.00	26.74	N	ON	9.9

Final Result CAV

Frequency (MHz)	CAverage (dBμV)	Limit (dBμV)	Margin (dB)	Line	Filter	Corr. (dB)
0.158279	15.59	55.55	39.96	N	ON	9.8
0.184228	13.38	54.29	40.91	N	ON	9.9
0.495897	14.46	46.07	31.61	N	ON	9.9
3.126222	6.81	46.00	39.19	N	ON	9.7
15.620079	25.33	50.00	24.67	N	ON	9.9
19.810919	18.09	50.00	31.91	N	ON	9.9
24.005115	23.04	50.00	26.96	N	ON	9.9

END OF REPORT