



FCC EMI TEST REPORT

FCC ID : PY7-30515Z
Equipment : GSM/WCDMA/LTE/NR Phone with BT, DTS/UNII
a/b/g/n/ac/ax/be, NFC, GNSS and WPT
Brand Name : Sony
Applicant : Sony Corporation
1-7-1 Konan, Minato-ku , Tokyo, Japan 108-0075
Manufacturer : Sony Corporation
1-7-1 Konan, Minato-ku , Tokyo, Japan 108-0075
Standard : FCC 47 CFR FCC Part 15 Subpart B Class B

The product was received on Nov. 26, 2025 and testing was performed from Dec. 16, 2025 to Dec. 31, 2025. We, Sporton International Inc. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures given in ANSI C63.4-2014 and has been in compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval from Sporton International Inc. EMC & Wireless Communications Laboratory, the test report shall not be reproduced except in full.

Louis Wu

Approved by: Louis Wu

Sporton International Inc. EMC & Wireless Communications Laboratory
No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.)



Table of Contents

History of this test report.....	3
Summary of Test Result.....	4
1. General Description	5
1.1. Product Feature of Equipment Under Test	5
1.2. Modification of EUT	5
1.3. Test Location	6
1.4. Applicable Standards	6
2. Test Configuration of Equipment Under Test	7
2.1. Test Mode	7
2.2. Connection Diagram of Test System	8
2.3. Support Unit used in test configuration and system	10
2.4. EUT Operation Test Setup	10
3. Test Result	11
3.1. Test of AC Conducted Emission Measurement	11
3.2. Test of Radiated Emission Measurement	13
4. List of Measuring Equipment.....	16
5. Measurement Uncertainty	17
Appendix A. AC Conducted Emission Test Result	
Appendix B. Radiated Emission Test Result	



History of this test report

Report No.	Version	Description	Issue Date
FC5N1805	01	Initial issue of report	Mar. 10, 2026

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.1	15.107	AC Conducted Emission	Pass	-
3.2	15.109	Radiated Emission	Pass	-

Conformity Assessment Condition:

1. The test results (PASS/FAIL) with all measurement uncertainty excluded are presented against the regulation limits or in accordance with the requirements stipulated by the applicant/manufacture who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account.
2. The measurement uncertainty please refer to each test result in the section "Measurement Uncertainty".

Disclaimer:

The product specifications of the EUT presented in the test report that may affect the test assessments are declared by the manufacturer who shall take full responsibility for the authenticity.

Reviewed by: Keven Cheng

Report Producer: Shannon Huang

1. General Description

1.1. Product Feature of Equipment Under Test

Product Specification subject to this standard	
General Specs	GSM/WCDMA/LTE/5G NR, Bluetooth, Wi-Fi 2.4GHz 802.11b/g/n/ax/be, Wi-Fi 5GHz 802.11a/n/ac/ax/be, and BDS/Galileo/GLONASS/GPS/NFC/WPT
Antenna Type	WWAN: LOOP&PIFA Antenna WLAN: LOOP&PIFA Antenna Bluetooth: LOOP&PIFA Antenna GPS / Glonass / BDS / Galileo: LOOP Antenna

Remark: The EUT's information above is declared by manufacturer. Please refer to Disclaimer in report summary.

EUT Information List			
HW Version	SW Version	S/N	Performed Test Item
A	0.198	MATA28000176	Conducted Emission Radiated Emission

Specification of Accessory		
AC Adapter	Brand Name	Sony
	Model Name	XQZ-UC1
Earphone	Brand Name	Sony
	Model Name	MDR-EX15AP
USB Cable	Brand Name	Sony
	Model Name	XQZ-UB1

1.2. Modification of EUT

No modifications made to the EUT during the testing.

1.3. Test Location

Test Site	Sporton International Inc. EMC & Wireless Communications Laboratory
Test Site Location	No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.) TEL: +886-3-327-3456 FAX: +886-3-328-4978
Test Site No.	Sporton Site No.
	CO05-HY, 03CH06-HY

FCC designation No.: TW1093

1.4. Applicable Standards

According to the specifications declared by the manufacturer, the EUT must comply with the requirements of the following standards:

- ♦ FCC 47 CFR FCC Part 15 Subpart B Class B
- ♦ ANSI C63.4-2014
- ♦ ANSI C63.4a-2017

Remark: All test items were verified and recorded according to the standards and without any deviation during the test.

2. Test Configuration of Equipment Under Test

2.1. Test Mode

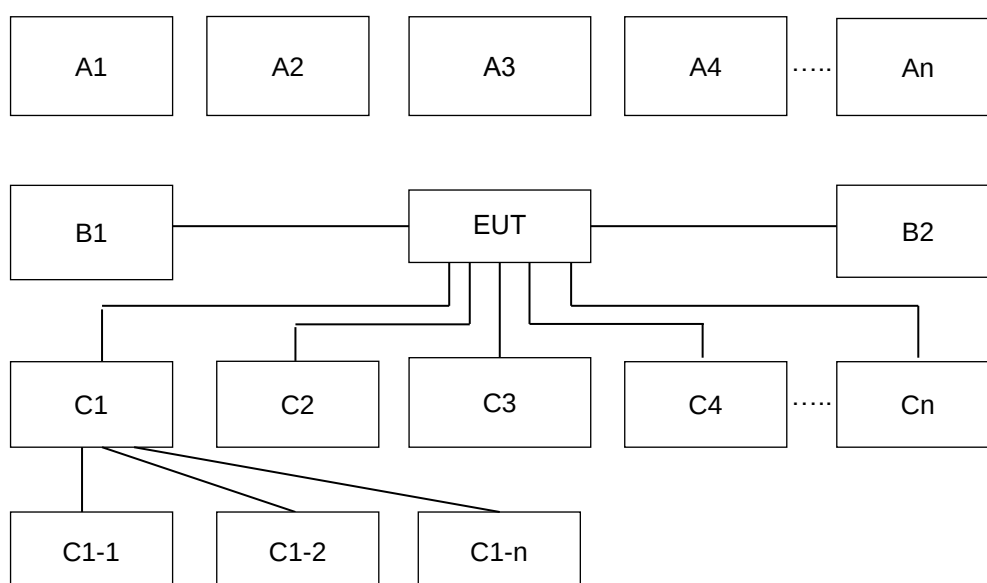
The EUT is tested along with the peripherals, operating under possible configurations in compliant with normal operation. The maximum emissions can be identified by a pre-scan carried out in different orientations of placement pursuant to ANSI C63.4-2014. Frequency range covered: Conduction Emission (150 kHz to 30 MHz), Radiation Emission (30 MHz to the 5th harmonics of the highest fundamental frequency or to 40 GHz, whichever is lower).

Test Items	Functions Enabled
AC Conducted Emission	Mode 1: GSM850 M CH Idle + BT Idle + WLAN 2.4G Idle + Camera (Rear) + Earphone + Battery + USB Cable (Charging from Adapter)
	Mode 2: WCDMA B5 M CH Idle + BT Idle + WLAN 5G Idle + Camera (Front) + Earphone + Battery + USB Cable (Charging from Adapter)
	Mode 3: LTE B12 M CH Idle + BT Idle + WLAN 2.4G Idle + MPEG 4 + Earphone + Battery + USB Cable (Charging from Adapter)
	Mode 4: LTE B13 M CH Idle + BT Idle + WLAN 5G Idle + GPS Rx + Earphone + Battery + USB Cable (Charging from Adapter)
	Mode 5: LTE B26 M CH Idle + BT Idle + WLAN 2.4G Idle + Camera (Rear) + Earphone + Battery + USB Cable (Charging from Adapter)
	Mode 6: 5G NR n5 M CH Idle + BT Idle + WLAN 2.4G Idle + Camera (Front) + Earphone + Battery + USB Cable (Charging from Adapter)
	Mode 7: LTE B12 M CH Idle + BT Idle + WLAN 2.4G Idle + MPEG 4 + Earphone + Battery + USB Cable(Data Link with Notebook)
	Mode 8: LTE B12 M CH Idle + BT Idle + WLAN 2.4G Idle + WPT + Earphone + Battery + USB Cable (Charging from Adapter)
Radiated Emissions	Mode 1: GSM850 M CH Idle + BT Idle + WLAN 2.4G Idle + Camera (Rear) + Earphone + Battery + USB Cable (Charging from Adapter)
	Mode 2: WCDMA B5 M CH Idle + BT Idle + WLAN 5G Idle + Camera (Front) + Earphone + Battery + USB Cable (Charging from Adapter)
	Mode 3: LTE B12 M CH Idle + BT Idle + WLAN 2.4G Idle + MPEG 4 + Earphone + Battery + USB Cable (Charging from Adapter)
	Mode 4: LTE B13 M CH Idle + BT Idle + WLAN 5G Idle + GPS Rx + Earphone + Battery + USB Cable (Charging from Adapter)
	Mode 5: LTE B26 M CH Idle + BT Idle + WLAN 2.4G Idle + Camera (Rear) + Earphone + Battery + USB Cable (Charging from Adapter)
	Mode 6: 5G NR n5 M CH Idle + BT Idle + WLAN 2.4G Idle + Camera (Front) + Earphone + Battery + USB Cable (Charging from Adapter)
	Mode 7: GSM850 M CH Idle + BT Idle + WLAN 2.4G Idle + MPEG 4 + Earphone + Battery + USB Cable USB Cable (Data Link with Notebook)
	Mode 8: GSM850 M CH Idle + BT Idle + WLAN 2.4G Idle + WPT + Earphone + Battery + USB Cable (Charging from Adapter)

Remark:

1. The worst case of AC is mode 7; only the test data of this mode was reported.
2. The worst case of RE is mode 1; only the test data of this mode was reported.
3. For Radiation Emission after pre-scanned the cellular band between 30MHz ~ 960MHz (GSM/WCDMA /LTE/5G NR); only the worst case for cellular band test data of this mode was reported.
4. Data Link with Notebook means data application transferred mode between EUT and Notebook.

2.2. Connection Diagram of Test System



Conduction Test Setup										
No.	Wireless Station	Connection Type	Test Mode							
			1	2	3	4	5	6	7	8
A1	BT Earphone	Bluetooth	X	X	X	X	X	X	X	X
A2	System Simulator	GSM/WCDMA/ LTE/5G NR	X	X	X	X	X	X	X	X
A3	GPS Station	GPS	-	-	-	X	-	-	-	-
A4	AP router	WiFi	X	X	X	X	X	X	X	-
A5	Mobile Phone	WPT	-	-	-	-	-	-	X	X
No.	Power Source	Connection Type	1	2	3	4	5	6	7	8
B1	AC : 120V/60Hz	AC Power Cable	X	X	X	X	X	X	-	X
B2	Power from system	AC Power Cable	-	-	-	-	-	-	X	-

Conduction Test Setup										
No.	Setup Peripherals	Connection Type	Test Mode							
			1	2	3	4	5	6	7	8
C1	Earphone	Earphone jack	X	X	X	X	X	X	X	X
C2	Notebook	USB Cable	-	-	-	-	-	-	X	-
C2-1	AP	RJ45 cable to C2	-	-	-	-	-	-	X	-
C2-2	I Pod	USB Cable to C2	-	-	-	-	-	-	X	-

Radiated Test Setup										
No.	Wireless Station	Connection Type	Test Mode							
			1	2	3	4	5	6	7	8
A1	BT Earphone	Bluetooth	X	X	X	X	X	X	X	X
A2	System Simulator	GSM/WCDMA/ LTE/5G NR	X	X	X	X	X	X	X	X
A3	GPS Station	GPS	-	-	-	X	-	-	-	-
A4	AP router	WiFi	X	X	X	X	X	X	X	-
A5	Mobile Phone	WPT	-	-	-	-	-	-	X	X
No.	Power Source	Connection Type	1	2	3	4	5	6	7	8
B1	AC : 120V/60Hz	AC Power Cable	X	X	X	X	X	X	-	X
B2	Power from system	AC Power Cable	-	-	-	-	-	-	X	-
No.	Setup Peripherals	Connection Type	1	2	3	4	5	6	7	8
C1	Earphone	Earphone jack	X	X	X	X	X	X	X	X
C2	Notebook	USB Cable	-	-	-	-	-	-	X	-
C2-1	AP	RJ45 cable to C2	-	-	-	-	-	-	X	-
C2-2	I Pod	USB Cable to C2	-	-	-	-	-	-	X	-

2.3. Support Unit used in test configuration and system

Item	Equipment	Brand Name	Model Name	FCC ID	Data Cable	Power Cord
1.	System simulator	Anritsu	MT8000A	N/A	N/A	Unshielded, 1.8m
2.	System simulator	Anritsu	MT8820C	N/A	N/A	Unshielded, 1.8m
3.	GPS Station	Pendulum	GSG-54	N/A	N/A	Unshielded, 1.8m
4.	Bluetooth Earphone	Sony	SBH20	PY7-RD0010	N/A	N/A
5.	WLAN AP	ASUS	RT-AC66U	MSQ-RTAC66U	N/A	Unshielded, 1.8m
6.	WLAN AP	ASUS	RT-AX88U	MSQ-RTAXHP00	N/A	Unshielded, 1.8m
7.	iPod	Apple	A1285	DoC	Shielded, 1.0m	N/A
8.	Earphone	Sony	MDR-EX15AP	N/A	UnShielded, 1.2m	N/A
9.	Notebook	Dell	Latitude 3420	FCC DoC	N/A	AC I/P : Unshielded, 1.2m DC O/P : Shielded, 1.8m
10.	Mobile Phone	Sony	N/A	PY7-30515Z	N/A	N/A

2.4. EUT Operation Test Setup

The EUT is in GSM or WCDMA or 5G NR or LTE idle mode during the test. The EUT is synchronized with the BCCH, and has been continuous receiving mode by setting paging reorganization of the system simulator.

At the same time, the EUT is attached to the Bluetooth earphone or WLAN AP, and the following programs installed in the EUT are programmed during the test:

1. Data application is transferred between Laptop and EUT via USB cable.
2. Execute "GPS" to make the EUT receive continuous signals from GPS station.
3. Execute "Video player" to play MPEG4 files
4. Turn on camera to capture images.

3. Test Result

3.1. Test of AC Conducted Emission Measurement

3.1.1. Limits of AC Conducted Emission

For equipment that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies within the band 150 kHz to 30 MHz shall not exceed the limits in the following table.

<Class B>

Frequency of emission (MHz)	Conducted limit (dBuV)	
	Quasi-peak	Average
0.15-0.5	66 to 56*	56 to 46*
0.5-5	56	46
5-30	60	50

*Decreases with the logarithm of the frequency.

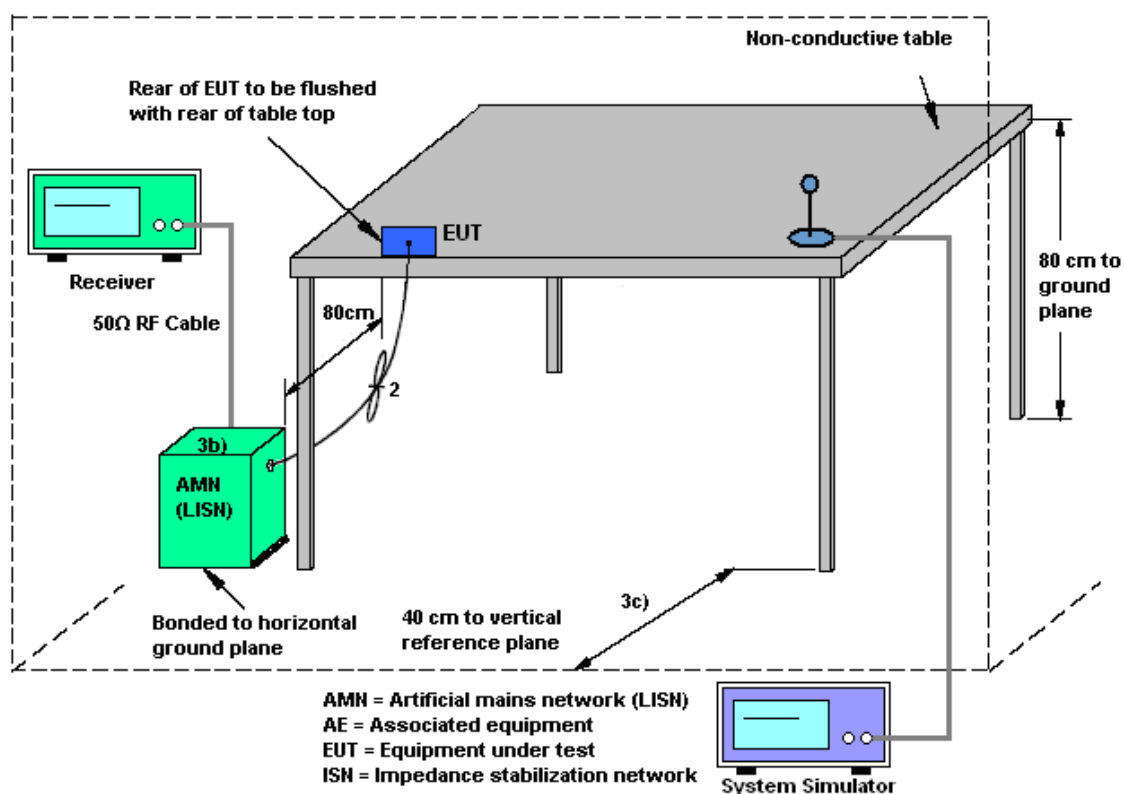
3.1.2. Measuring Instruments

Please refer to the measuring equipment list in this test report.

3.1.3. Test Procedure

1. The EUT is placed 0.4 meter away from the conducting wall of the shielding room, and is kept at least 80 centimeters from any other grounded conducting surface.
2. Connect EUT to the power mains through a line impedance stabilization network (LISN).
3. All the support units are connecting to the other LISN.
4. The LISN provides 50 ohm coupling impedance for the measuring instrument.
5. The FCC states that a 50 ohm, 50 microhenry LISN shall be used.
6. Both Line and Neutral shall be tested in order to find out the maximum conducted emission.
7. The frequency range from 150 kHz to 30 MHz is scanned.
8. Set the test-receiver system to Peak Detect Function and specified bandwidth (If Bandwidth = 9 kHz) with Maximum Hold Mode. Then measurement is also conducted by Average Detector and Quasi-Peak Detector Function respectively.

3.1.4. Test Setup



3.1.5. Test Result of AC Conducted Emission

Please refer to Appendix A.

3.2. Test of Radiated Emission Measurement

3.2.1. Limit of Radiated Emission

The emissions from an unintentional radiator shall not exceed the field strength levels specified in the following table:

<Class B>

Frequency (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
30 – 88	100	3
88 – 216	150	3
216 - 960	200	3
Above 960	500	3

3.2.2. Measuring Instruments

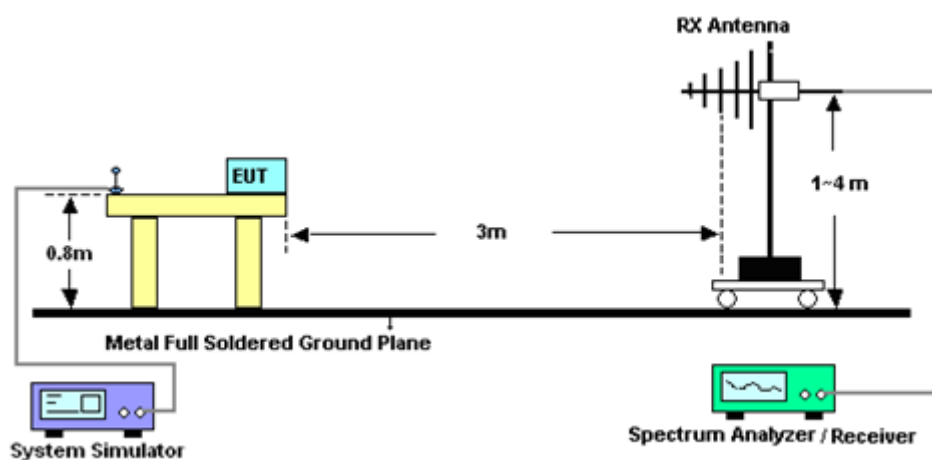
Please refer to the measuring equipment list in this test report.

3.2.3. Test Procedures

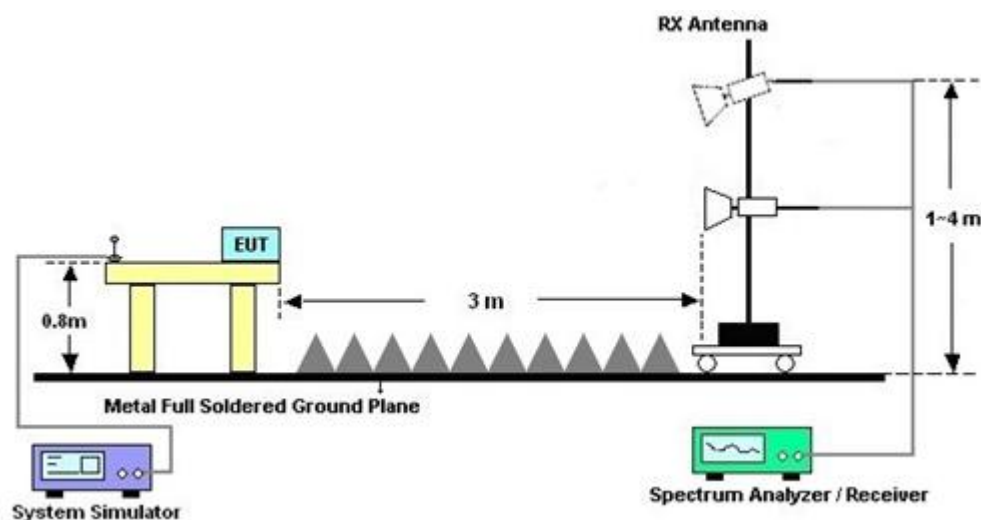
1. The EUT is placed on a turntable with 0.8 meter above ground.
2. The EUT is set 3 meters from the interference receiving antenna for measured frequency 30MHz~18GHz, which is mounted on the top of a variable height antenna tower.
3. The table is rotated 360 degrees to determine the position of the highest radiation.
4. The antenna is a Bi-Log antenna and its height is adjusted between one to four meters above ground to find the maximum value of the field strength for both horizontal polarization and vertical polarization of the antenna.
5. For each suspected emission, the EUT is arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading.
6. Set the test-receiver system to Peak Detect Function and specified bandwidth with Maximum Hold Mode (RBW=120 kHz/VBW=300 kHz for frequency below 1 GHz; RBW=1 MHz VBW=3 MHz (Peak), RBW=1 MHz/VBW=10 Hz (Average) for frequency above 1 GHz).
7. If the emission level of the EUT in peak mode is 3 dB lower than the limit specified, peak values of EUT will be reported. Otherwise, the emission will be repeated by using the quasi-peak method and reported.

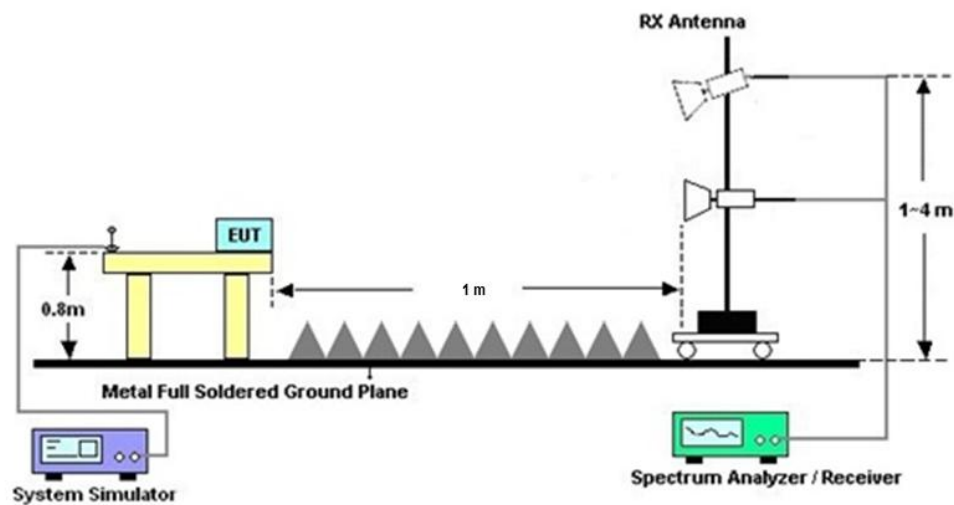
3.2.4. Test Setup of Radiated Emission

For Radiated Emissions from 30 MHz to 1 GHz



For Radiated Emissions from 1GHz to 18GHz



For Radiated Emissions above 18GHz

3.2.5. Test Result of Radiated Emission

Please refer to Appendix B.



4. List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Amplifier	SONOMA	310N	186713	9kHz~1GHz	Apr. 15, 2025	Dec. 20, 2025~ Dec. 31, 2025	Apr. 14, 2026	Radiation (03CH06-HY)
Bilog Antenna	TESEQ	CBL 6111D & N-6-06	35414 & AT- N0602	30MHz~1GHz	Oct. 04, 2025	Dec. 20, 2025~ Dec. 31, 2025	Oct. 03, 2026	Radiation (03CH06-HY)
EMI Test Receiver	Rohde & Schwarz	ESU26	100472	20Hz~26.5GHz	Jan. 23, 2025	Dec. 20, 2025~ Dec. 31, 2025	Jan. 22, 2026	Radiation (03CH06-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-1212	1GHz~18GHz	Mar. 27, 2025	Dec. 20, 2025~ Dec. 31, 2025	Mar. 26, 2026	Radiation (03CH06-HY)
Preamplifier	E-INSTRUMENT TECH LTD.	ERA-100M-18G- 56-01-A70	EC1900270	1GHz-18GHz	Dec. 04, 2025	Dec. 20, 2025~ Dec. 31, 2025	Dec. 03, 2026	Radiation (03CH06-HY)
RF Cable	HUBER + SUHNER	SF104 SF102_2000mm SF102_3000mm SF102_7000mm	802433/4 532421/2 532422/2 532299/2	30MHz to 18GHz	Jul. 01, 2025	Dec. 20, 2025~ Dec. 31, 2025	Jun. 30, 2026	Radiation (03CH06-HY)
RF Cable	HUBER + SUHNER	SF102_2000mm SF102_3000mm SF102_7000mm	532421/2 532422/2 532299/2	30MHz to 40GHz	Jul. 01, 2025	Dec. 20, 2025~ Dec. 31, 2025	Jun. 30, 2026	Radiation (03CH06-HY)
Hygrometer	TECPEL	DTM-303B	TP210018	N/A	Oct. 15, 2025	Dec. 20, 2025~ Dec. 31, 2025	Oct. 14, 2026	Radiation (03CH06-HY)
Controller	INN-CO	EM1000	060782	Control Turn table & Ant Mast	N/A	Dec. 20, 2025~ Dec. 31, 2025	N/A	Radiation (03CH06-HY)
Antenna Mast	MF	MF-7802	MF7802082 12	1m~4m	N/A	Dec. 20, 2025~ Dec. 31, 2025	N/A	Radiation (03CH06-HY)
Turn Table	INN-CO	DS2000	420/650/00	0-360 degree	N/A	Dec. 20, 2025~ Dec. 31, 2025	N/A	Radiation (03CH06-HY)
Software	Audix	E3	N/A	N/A	N/A	Dec. 20, 2025~ Dec. 31, 2025	N/A	Radiation (03CH06-HY)
Signal Analyzer	R&S	FSV3044	101103	N/A	Jan. 22, 2025	Dec. 20, 2025~ Dec. 31, 2025	Jan. 21, 2026	Radiation (03CH06-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	00991	18~40GHz	May. 29, 2025	Dec. 20, 2025~ Dec. 31, 2025	May. 28, 2026	Radiation (03CH06-HY)
Preamplifier	EMEC	EM18G40G	0600789	18~40GHz	Aug. 08, 2025	Dec. 20, 2025~ Dec. 31, 2025	Aug. 07, 2026	Radiation (03CH06-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	801606/2	9KHz ~ 40GHz	Apr. 23, 2025	Dec. 20, 2025~ Dec. 31, 2025	Apr. 22, 2026	Radiation (03CH06-HY)
AC Power Source	ChainTek	APC-1000W	N/A	N/A	N/A	Dec. 16, 2025~ Dec. 29, 2025	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102317	N/A	Oct. 21, 2025	Dec. 16, 2025~ Dec. 29, 2025	Oct. 20, 2026	Conduction (CO05-HY)
Hygrometer	TECPEL	DTM-303A	TP210031	N/A	Jun. 26, 2025	Dec. 16, 2025~ Dec. 29, 2025	Jun. 25, 2026	Conduction (CO05-HY)
Two-Line V- Network	Rohde & Schwarz	ENV216	100080	N/A	Sep. 09, 2025	Dec. 29, 2025	Sep. 08, 2026	Conduction (CO05-HY)
Two-Line V- Network	Rohde & Schwarz	ENV216	100081	N/A	Jul. 25, 2025	Dec. 16, 2025~ Dec. 29, 2025	Jul. 24, 2026	Conduction (CO05-HY)
Software	Rohde & Schwarz	EMC32	N/A	N/A	N/A	Dec. 16, 2025~ Dec. 29, 2025	N/A	Conduction (CO05-HY)
Pulse Limiter	SCHWARZBECK	VTSD 9561-F N	00691	N/A	Jul. 29, 2025	Dec. 16, 2025~ Dec. 29, 2025	Jul. 28, 2026	Conduction (CO05-HY)
LISN Cable	MVE	RG-400	MQT240825 01	N/A	Oct. 14, 2025	Dec. 16, 2025~ Dec. 29, 2025	Oct. 13, 2026	Conduction (CO05-HY)

5. Measurement Uncertainty

Uncertainty of Conducted Emission Measurement (150 kHz ~ 30 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2U_c(y)$)	3.7 dB
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Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2U_c(y)$)	6.3 dB
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Uncertainty of Radiated Emission Measurement (1000 MHz ~ 6000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2U_c(y)$)	4.5 dB
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Uncertainty of Radiated Emission Measurement (6000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2U_c(y)$)	5.4 dB
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Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2U_c(y)$)	5.0 dB
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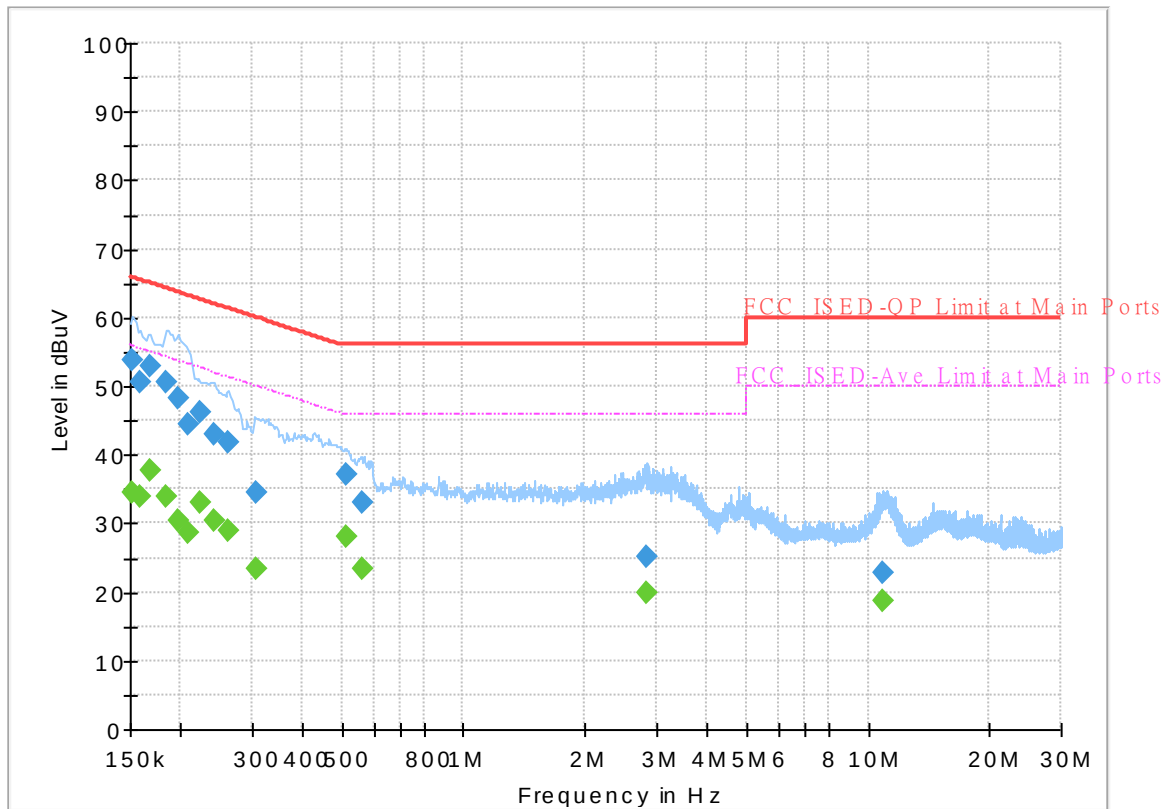
Appendix A. AC Conducted Emission Test Results

Test Engineer :	Brian Chen	Temperature :	23~26°C
		Relative Humidity :	45~55%

EUT Information

Report NO : 5N1805
 Test Mode : Mode 7
 Test Voltage : Power From System
 Phase : Line

Full Spectrum



Final Result

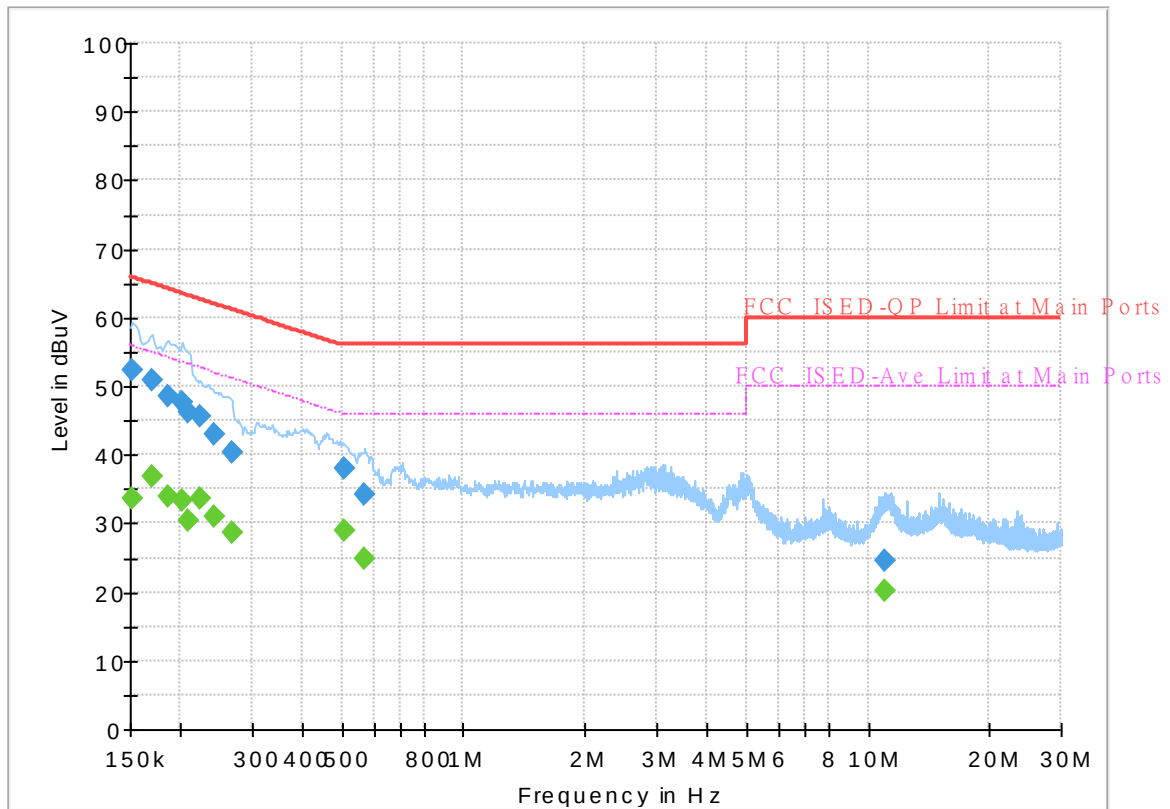
Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152250	---	34.59	55.88	21.29	L1	OFF	19.8
0.152250	53.94	---	65.88	11.94	L1	OFF	19.8
0.159000	---	33.83	55.52	21.69	L1	OFF	19.8
0.159000	50.60	---	65.52	14.92	L1	OFF	19.8
0.168000	---	37.75	55.06	17.31	L1	OFF	19.8
0.168000	52.93	---	65.06	12.13	L1	OFF	19.8
0.183750	---	33.99	54.31	20.32	L1	OFF	19.8
0.183750	50.47	---	64.31	13.84	L1	OFF	19.8
0.197250	---	30.54	53.73	23.19	L1	OFF	19.8
0.197250	48.21	---	63.73	15.52	L1	OFF	19.8
0.208500	---	28.68	53.27	24.59	L1	OFF	19.8
0.208500	44.54	---	63.27	18.73	L1	OFF	19.8
0.224250	---	33.05	52.66	19.61	L1	OFF	19.8
0.224250	46.12	---	62.66	16.54	L1	OFF	19.8
0.242250	---	30.52	52.02	21.50	L1	OFF	19.8
0.242250	42.93	---	62.02	19.09	L1	OFF	19.8
0.262500	---	28.83	51.35	22.52	L1	OFF	19.8
0.262500	41.95	---	61.35	19.40	L1	OFF	19.8
0.307500	---	23.34	50.04	26.70	L1	OFF	19.8
0.307500	34.60	---	60.04	25.44	L1	OFF	19.8
0.512250	---	28.01	46.00	17.99	L1	OFF	19.8

0.512250	37.28	---	56.00	18.72	L1	OFF	19.8
0.559500	---	23.30	46.00	22.70	L1	OFF	19.8
0.559500	33.03	---	56.00	22.97	L1	OFF	19.8
2.852250	---	19.84	46.00	26.16	L1	OFF	19.8
2.852250	25.04	---	56.00	30.96	L1	OFF	19.8
10.934250	---	18.76	50.00	31.24	L1	OFF	20.2
10.934250	22.84	---	60.00	37.16	L1	OFF	20.2

EUT Information

Report NO : 5N1805
 Test Mode : Mode 7
 Test Voltage : Power From System
 Phase : Neutral

Full Spectrum



Final Result

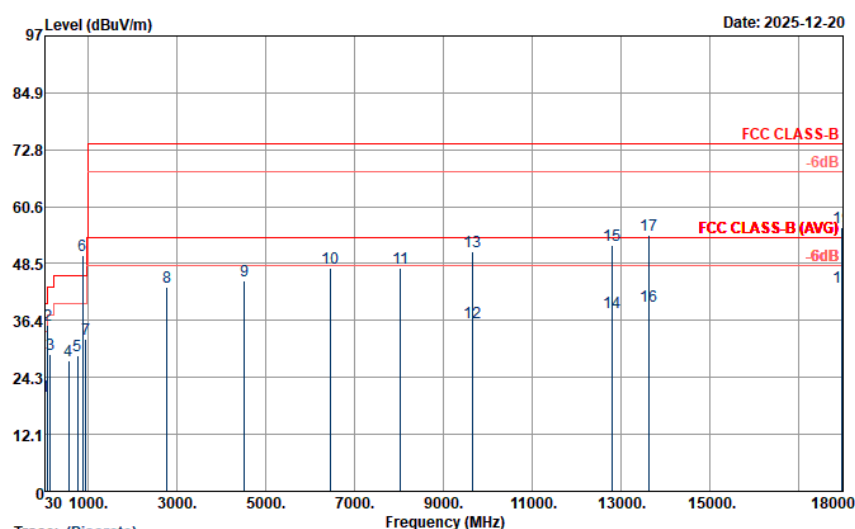
Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152250	---	33.72	55.88	22.16	N	OFF	19.8
0.152250	52.26	---	65.88	13.62	N	OFF	19.8
0.170250	---	36.80	54.95	18.15	N	OFF	19.8
0.170250	50.85	---	64.95	14.10	N	OFF	19.8
0.186000	---	33.86	54.21	20.35	N	OFF	19.8
0.186000	48.45	---	64.21	15.76	N	OFF	19.8
0.201750	---	33.41	53.54	20.13	N	OFF	19.8
0.201750	47.60	---	63.54	15.94	N	OFF	19.8
0.208500	---	30.49	53.27	22.78	N	OFF	19.8
0.208500	46.09	---	63.27	17.18	N	OFF	19.8
0.224250	---	33.50	52.66	19.16	N	OFF	19.8
0.224250	45.56	---	62.66	17.10	N	OFF	19.8
0.242250	---	31.01	52.02	21.01	N	OFF	19.8
0.242250	43.13	---	62.02	18.89	N	OFF	19.8
0.267000	---	28.53	51.21	22.68	N	OFF	19.8
0.267000	40.33	---	61.21	20.88	N	OFF	19.8
0.507750	---	28.85	46.00	17.15	N	OFF	19.8
0.507750	38.05	---	56.00	17.95	N	OFF	19.8
0.568500	---	24.74	46.00	21.26	N	OFF	19.8
0.568500	34.27	---	56.00	21.73	N	OFF	19.8
10.963500	---	20.10	50.00	29.90	N	OFF	20.2

10.963500	24.44	---	60.00	35.56	N	OFF	20.2
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Appendix B. Radiated Emission Test Result

Mode :	Mode 1	Temperature :	23~26°C
Test Engineer :	Bor-Shiang,Huang	Relative Humidity :	43~47%
Test Distance :	3m	Polarization :	Horizontal
Remark :	#6 is system simulator signal which can be ignored.		

- Emission level (dBμV/m) = 20 log Emission level (μV/m)
- Factor(dB) = Antenna Factor + Cable Loss + Filter loss – Preamp Factor
- Corrected Reading: Factor(dB) + Read Level = Level



Trace: (Discrete)

Site : 03CH06-HY

Condition : FCC CLASS-B 3m 9120D_1212 HORIZONTAL

Project : 5N1805

Power : 120Vac/60Hz

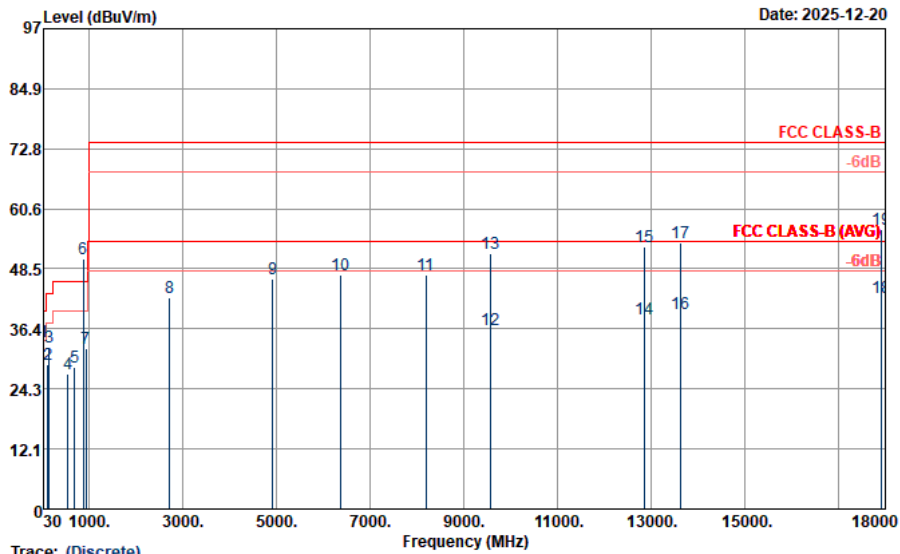
Power : 120Vdc/ 60Hz
Memo : Mode 1

Line	Observed		Over	Limit	Read	A/Pos	T/Pos	Remark	
	Freq	Level	Limit	Line	Level				Factor
	MHz	dBuV/m	dB	dBuV/m	dBuV				dB/m
1	30.27	20.36	-19.64	40.00	27.53	-7.17	---	---	Peak
2	98.58	35.31	-8.19	43.50	49.59	-14.28	---	---	Peak
3	153.93	29.17	-14.33	43.50	42.08	-12.91	---	---	Peak
4	569.50	27.79	-18.21	46.00	29.70	-1.91	---	---	Peak
5	759.90	28.86	-17.14	46.00	28.71	0.15	---	---	Peak
6 *	881.70	50.38			48.45	1.93	---	---	Peak
7	958.00	32.30	-13.70	46.00	27.35	4.95	---	---	Peak
8	2774.00	43.51	-30.49	74.00	70.24	-26.73	---	---	Peak
9	4526.00	44.90	-29.10	74.00	67.26	-22.36	---	---	Peak
10	6468.00	47.48	-26.52	74.00	61.74	-14.26	---	---	Peak
11	8938.00	47.59	-26.41	74.00	61.45	-13.86	---	---	Peak
12	9646.00	35.97	-18.03	54.00	46.91	-10.94	100	78	Average
13	9646.00	50.97	-23.03	74.00	61.91	-10.94	100	78	Peak
14	12814.00	38.22	-15.78	54.00	45.00	-6.78	100	63	Average
15	12814.00	52.53	-21.47	74.00	59.31	-6.78	100	63	Peak
16	13620.00	39.40	-14.60	54.00	44.50	-5.10	100	251	Average
17	13620.00	54.50	-19.50	74.00	59.60	-5.10	100	251	Peak
18	17980.00	43.44	-10.56	54.00	44.10	-0.66	100	67	Average
19	17980.00	56.29	-17.71	74.00	56.95	-0.66	100	67	Peak



Mode :	Mode 1	Temperature :	23~26°C
Test Engineer :	Bor-Shiang,Huang	Relative Humidity :	43~47%
Test Distance :	3m	Polarization :	Vertical
Remark :	#6 is system simulator signal which can be ignored.		

- Emission level (dBμV/m) = 20 log Emission level (μV/m)
- Factor(dB) = Antenna Factor + Cable Loss + Filter loss – Preamp Factor
- Corrected Reading: Factor(dB) + Read Level = Level



Trace: (Discrete)

Site : 03CH06-HY
Condition : FCC CLASS-B 3m 9120D_1212 VERTICAL
Project : 5N1805
Power : 120Vac/60Hz
Memo : Mode 1

	Freq	Level	Over Limit	Limit Line	Read Level	Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	cm	deg	
1	41.07	33.84	-6.16	40.00	45.80	-11.96	---	---	Peak
2	123.96	29.07	-14.43	43.50	41.71	-12.64	---	---	Peak
3	150.69	32.59	-10.91	43.50	45.48	-12.89	---	---	Peak
4	556.90	27.33	-18.67	46.00	29.12	-1.79	---	---	Peak
5	693.40	28.55	-17.45	46.00	29.17	-0.62	---	---	Peak
6 *	881.70	50.47			48.54	1.93	---	---	Peak
7	941.90	32.35	-13.65	46.00	28.45	3.90	---	---	Peak
8	2722.00	42.72	-31.28	74.00	69.70	-26.98	---	---	Peak
9	4920.00	46.59	-27.41	74.00	67.22	-20.63	---	---	Peak
10	6364.00	47.17	-26.83	74.00	61.82	-14.65	---	---	Peak
11	8200.00	47.20	-26.80	74.00	61.30	-14.10	---	---	Peak
12	9580.00	36.30	-17.70	54.00	47.01	-10.71	100	83	Average
13	9580.00	51.51	-22.49	74.00	62.22	-10.71	100	83	Peak
14	12868.00	38.30	-15.70	54.00	44.99	-6.69	100	13	Average
15	12868.00	52.92	-21.08	74.00	59.61	-6.69	100	13	Peak
16	13630.00	39.41	-14.59	54.00	44.50	-5.09	100	156	Average
17	13630.00	53.69	-20.31	74.00	58.78	-5.09	100	156	Peak
18	17905.00	42.73	-11.27	54.00	44.00	-1.27	100	15	Average
19	17905.00	56.43	-17.57	74.00	57.70	-1.27	100	15	Peak



Mode :	Mode 1	Temperature :	23~26℃																																						
Test Engineer :	Bor-Shiang,Huang	Relative Humidity :	43~47%																																						
Test Distance :	1m	Polarization :	Horizontal																																						
■ Emission level (dBμV/m) = 20 log Emission level (μV/m)																																									
■ Factor(dB) = Antenna Factor + Cable Loss + Filter loss – Preamp Factor																																									
■ Corrected Reading: Factor(dB) + Read Level = Level																																									
Date: 2025-12-28																																									
Trace: (Discrete)																																									
Site : 03CH06-HY																																									
Condition : FCC CLASS B 1m BBHA_00991_250529 HORIZONTAL																																									
Project : 5N1805																																									
Power : 120Vac/60Hz																																									
Memo : Mode 1																																									
<table><tr><th></th><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>Read</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>Limit</th><th>Line</th><th>Level</th><th>Factor</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>23918.00</td><td>39.99</td><td>-34.01</td><td>74.00</td><td>40.63</td><td>-0.64</td><td>---</td><td>---</td><td>Peak</td></tr><tr><td>2</td><td>39516.00</td><td>46.18</td><td>-27.82</td><td>74.00</td><td>36.04</td><td>10.14</td><td>---</td><td>---</td><td>Peak</td></tr></table>					Freq	Level	Over	Limit	Read	A/Pos	T/Pos	Remark		MHz	dBuV/m	Limit	Line	Level	Factor	cm	deg	1	23918.00	39.99	-34.01	74.00	40.63	-0.64	---	---	Peak	2	39516.00	46.18	-27.82	74.00	36.04	10.14	---	---	Peak
	Freq	Level	Over	Limit	Read	A/Pos	T/Pos	Remark																																	
	MHz	dBuV/m	Limit	Line	Level	Factor	cm	deg																																	
1	23918.00	39.99	-34.01	74.00	40.63	-0.64	---	---	Peak																																
2	39516.00	46.18	-27.82	74.00	36.04	10.14	---	---	Peak																																



Mode :	Mode 1	Temperature :	23~26℃																																								
Test Engineer :	Bor-Shiang,Huang	Relative Humidity :	43~47%																																								
Test Distance :	1m	Polarization :	Vertical																																								
■ Emission level (dBμV/m) = 20 log Emission level (μV/m)																																											
■ Factor(dB) = Antenna Factor + Cable Loss + Filter loss – Preamp Factor																																											
■ Corrected Reading: Factor(dB) + Read Level = Level																																											
Date: 2025-12-28																																											
Trace: (Discrete)																																											
Site : 03CH06-HY																																											
Condition : FCC CLASS B 1m BBHA_00991_250529 VERTICAL																																											
Project : 5N1805																																											
Power : 120Vac/60Hz																																											
Memo : Mode 1																																											
<table><tr><th></th><th>Freq</th><th>Level</th><th>Over Limit</th><th>Limit Line</th><th>Read Level</th><th>Factor</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>24314.00</td><td>40.38</td><td>-33.62</td><td>74.00</td><td>40.44</td><td>-0.06</td><td>---</td><td>---</td><td>Peak</td></tr><tr><td>2</td><td>39868.00</td><td>46.21</td><td>-27.79</td><td>74.00</td><td>35.35</td><td>10.86</td><td>---</td><td>---</td><td>Peak</td></tr></table>					Freq	Level	Over Limit	Limit Line	Read Level	Factor	A/Pos	T/Pos	Remark		MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	cm	deg		1	24314.00	40.38	-33.62	74.00	40.44	-0.06	---	---	Peak	2	39868.00	46.21	-27.79	74.00	35.35	10.86	---	---	Peak
	Freq	Level	Over Limit	Limit Line	Read Level	Factor	A/Pos	T/Pos	Remark																																		
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	cm	deg																																			
1	24314.00	40.38	-33.62	74.00	40.44	-0.06	---	---	Peak																																		
2	39868.00	46.21	-27.79	74.00	35.35	10.86	---	---	Peak																																		



Mode :	Mode 2	Temperature :	23~26℃
Test Engineer :	Bor-Shiang,Huang	Relative Humidity :	43~47%
Test Distance :	3m	Polarization :	Horizontal
Remark :	#6 is system simulator signal which can be ignored.		
■ Emission level (dBμV/m) = 20 log Emission level (μV/m)			
■ Factor(dB) = Antenna Factor + Cable Loss + Filter loss – Preamp Factor			
■ Corrected Reading: Factor(dB) + Read Level = Level			

Level (dBuV/m)

Date: 2025-12-20

Trace: (Discrete)

Site : 03CH06-HY

Condition : FCC CLASS-B 3m 9120D_1212 HORIZONTAL

Project : 5N1805

Power : 120Vac/60Hz

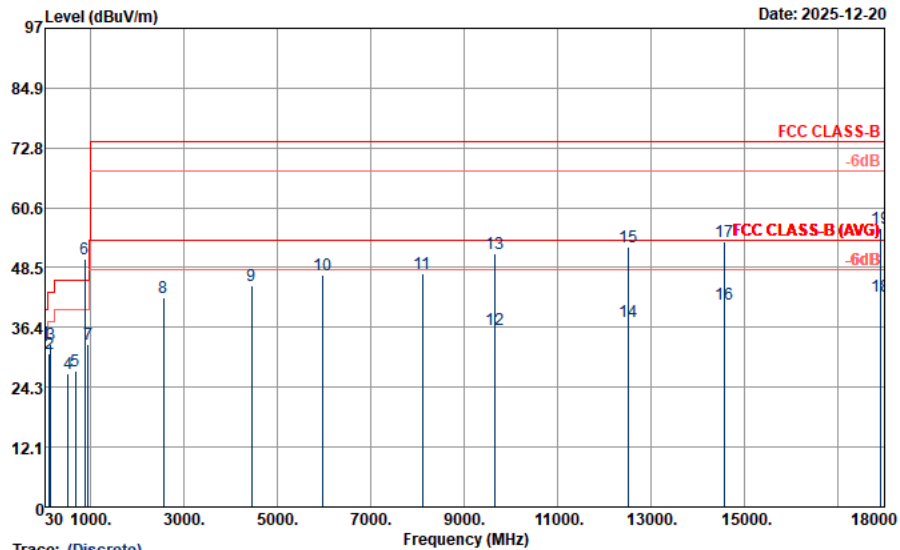
Memo : Mode 2

	Freq	Level	Over	Limit	Read	A/Pos	T/Pos	Remark	
	MHz	dBuV/m	Limit	Line	Level	Factor			
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	cm	deg	
1	30.00	20.88	-19.12	40.00	28.01	-7.13	---	---	Peak
2	100.74	33.49	-10.01	43.50	47.47	-13.98	---	---	Peak
3	156.63	30.70	-12.80	43.50	43.85	-13.15	---	---	Peak
4	470.10	24.18	-21.82	46.00	29.89	-5.71	---	---	Peak
5	694.10	28.56	-17.44	46.00	29.16	-0.60	---	---	Peak
6 *	881.70	49.15			47.22	1.93	---	---	Peak
7	945.40	33.41	-12.59	46.00	29.15	4.26	---	---	Peak
8	2708.00	42.81	-31.19	74.00	69.91	-27.10	---	---	Peak
9	4426.00	44.54	-29.46	74.00	66.97	-22.43	---	---	Peak
10	6044.00	47.27	-26.73	74.00	62.91	-15.64	---	---	Peak
11	7622.00	46.68	-27.32	74.00	60.98	-14.30	---	---	Peak
12	9650.00	35.85	-18.15	54.00	46.81	-10.96	100	46	Average
13	9650.00	51.15	-22.85	74.00	62.11	-10.96	100	46	Peak
14	12362.00	37.13	-16.87	54.00	45.00	-7.87	100	288	Average
15	12362.00	53.03	-20.97	74.00	60.90	-7.87	100	288	Peak
16	14480.00	40.76	-13.24	54.00	44.49	-3.73	100	124	Average
17	14480.00	53.47	-20.53	74.00	57.20	-3.73	100	124	Peak
18	17930.00	42.91	-11.09	54.00	44.00	-1.09	100	136	Average
19	17930.00	56.54	-17.46	74.00	57.63	-1.09	100	136	Peak



Mode :	Mode 2	Temperature :	23~26°C
Test Engineer :	Bor-Shiang,Huang	Relative Humidity :	43~47%
Test Distance :	3m	Polarization :	Vertical
Remark :	#6 is system simulator signal which can be ignored.		

- Emission level (dBμV/m) = 20 log Emission level (μV/m)
- Factor(dB) = Antenna Factor + Cable Loss + Filter loss – Preamp Factor
- Corrected Reading: Factor(dB) + Read Level = Level



	Freq	Level	Over	Limit	Read		A/Pos	T/Pos	Remark
	MHz	dBuV/m	Limit	Line	Level	Factor			
			dB	dBuV/m	dBuV	dB/m	cm	deg	
1	42.69	33.32	-6.68	40.00	46.15	-12.83	---	---	Peak
2	117.75	31.02	-12.48	43.50	43.97	-12.95	---	---	Peak
3	156.09	32.89	-10.61	43.50	45.98	-13.09	---	---	Peak
4	519.10	27.01	-18.99	46.00	31.54	-4.53	---	---	Peak
5	676.60	27.63	-18.37	46.00	28.76	-1.13	---	---	Peak
6 *	881.70	50.22			48.29	1.93	---	---	Peak
7	957.30	32.96	-13.04	46.00	28.06	4.90	---	---	Peak
8	2564.00	42.34	-31.66	74.00	69.98	-27.64	---	---	Peak
9	4444.00	44.90	-29.10	74.00	67.25	-22.35	---	---	Peak
10	5962.00	47.08	-26.92	74.00	62.96	-15.88	---	---	Peak
11	8112.00	47.39	-26.61	74.00	61.31	-13.92	---	---	Peak
12	9658.00	35.87	-18.13	54.00	46.90	-11.03	100	63	Average
13	9658.00	51.30	-22.70	74.00	62.33	-11.03	100	63	Peak
14	12506.00	37.58	-16.42	54.00	45.00	-7.42	100	16	Average
15	12506.00	52.71	-21.29	74.00	60.13	-7.42	100	16	Peak
16	14560.00	40.98	-13.02	54.00	44.71	-3.73	100	114	Average
17	14560.00	53.67	-20.33	74.00	57.40	-3.73	100	114	Peak
18	17915.00	42.80	-11.20	54.00	44.00	-1.20	100	67	Average
19	17915.00	56.44	-17.56	74.00	57.64	-1.20	100	67	Peak

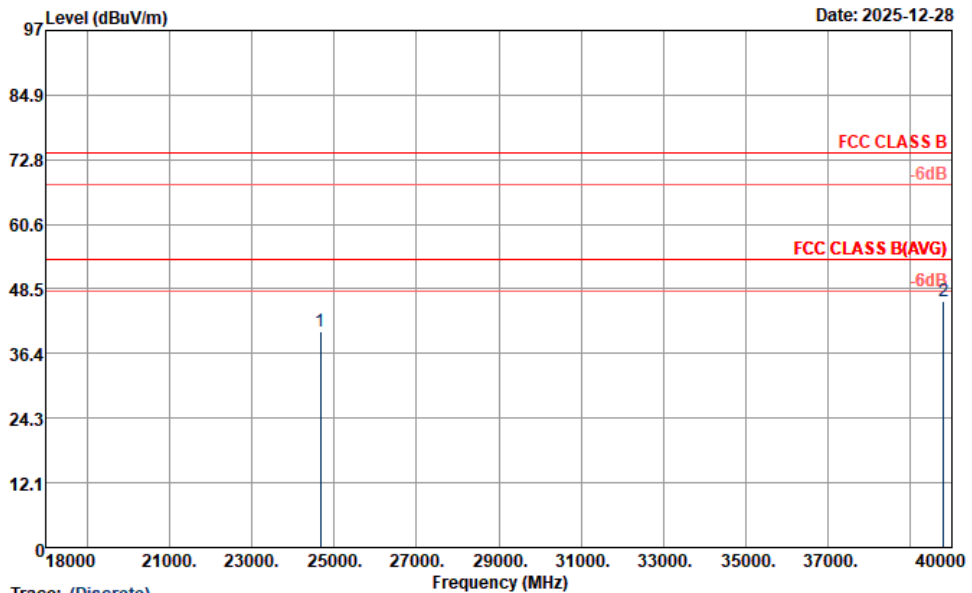


Mode :	Mode 2	Temperature :	23~26℃																																				
Test Engineer :	Bor-Shiang,Huang	Relative Humidity :	43~47%																																				
Test Distance :	1m	Polarization :	Horizontal																																				
■ Emission level (dBμV/m) = 20 log Emission level (μV/m)																																							
■ Factor(dB) = Antenna Factor + Cable Loss + Filter loss – Preamp Factor																																							
■ Corrected Reading: Factor(dB) + Read Level = Level																																							
Level (dBuV/m) Date: 2025-12-28 Trace: (Discrete) Site : 03CH06-HY Condition : FCC CLASS B 1m BBHA_00991_250529 HORIZONTAL Project : 5N1805 Power : 120Vac/60Hz Memo : Mode 2 <table><tr><th></th><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>Read</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>Limit</th><th>Line</th><th>Level</th><th>Factor</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>23830.00</td><td>39.91</td><td>-34.09</td><td>74.00</td><td>40.87</td><td>-0.96</td><td>---</td><td>Peak</td></tr><tr><td>2</td><td>39428.00</td><td>46.73</td><td>-27.27</td><td>74.00</td><td>37.18</td><td>9.55</td><td>---</td><td>Peak</td></tr></table>					Freq	Level	Over	Limit	Read	A/Pos	T/Pos	Remark		MHz	dBuV/m	Limit	Line	Level	Factor	cm	deg	1	23830.00	39.91	-34.09	74.00	40.87	-0.96	---	Peak	2	39428.00	46.73	-27.27	74.00	37.18	9.55	---	Peak
	Freq	Level	Over	Limit	Read	A/Pos	T/Pos	Remark																															
	MHz	dBuV/m	Limit	Line	Level	Factor	cm	deg																															
1	23830.00	39.91	-34.09	74.00	40.87	-0.96	---	Peak																															
2	39428.00	46.73	-27.27	74.00	37.18	9.55	---	Peak																															



Mode :	Mode 2	Temperature :	23~26°C
Test Engineer :	Bor-Shiang,Huang	Relative Humidity :	43~47%
Test Distance :	1m	Polarization :	Vertical

- Emission level (dBμV/m) = 20 log Emission level (μV/m)
- Factor(dB) = Antenna Factor + Cable Loss + Filter loss – Preamp Factor
- Corrected Reading: Factor(dB) + Read Level = Level



Trace: (Discrete)

Site : 03CH06-HY
Condition : FCC CLASS B 1m BBHA_00991_250529 VERTICAL
Project : 5N1805
Power : 120Vac/60Hz
Memo : Mode 2

	Freq	Level	Over	Limit	Read		A/Pos	T/Pos	
	MHz	dBμV/m	Limit	Line	Level	Factor			Remark
			dB	dBμV/m	dBμV	dB/m	cm	deg	
1	24666.00	40.66	-33.34	74.00	40.25	0.41	---	---	Peak
2	39802.00	46.27	-27.73	74.00	35.52	10.75	---	---	Peak



Mode :	Mode 3	Temperature :	23~26℃
Test Engineer :	Bor-Shiang,Huang	Relative Humidity :	43~47%
Test Distance :	3m	Polarization :	Horizontal
Remark :	#5 is system simulator signal which can be ignored.		
■ Emission level (dBμV/m) = 20 log Emission level (μV/m)			
■ Factor(dB) = Antenna Factor + Cable Loss + Filter loss – Preamp Factor			
■ Corrected Reading: Factor(dB) + Read Level = Level			

Level (dBuV/m)

Date: 2025-12-20

Trace: (Discrete)

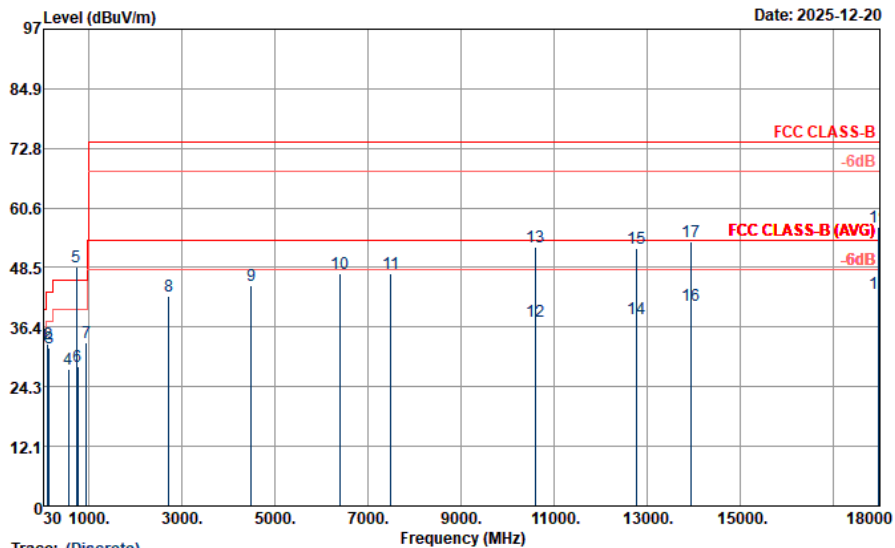
Site : 03CH06-HY
Condition : FCC CLASS-B 3m 9120D_1212 HORIZONTAL
Project : 5N1805
Power : 120Vac/60Hz
Memo : Mode 3

	Freq	Level	Over	Limit	Read	A/Pos	T/Pos	Remark
	MHz	dBuV/m	Limit	Line	Level	Factor		
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	cm	deg
1	31.35	20.63	-19.37	40.00	28.21	-7.58	---	Peak
2	100.47	35.70	-7.80	43.50	49.71	-14.01	---	Peak
3	160.41	31.67	-11.83	43.50	45.08	-13.41	---	Peak
4	563.20	26.73	-19.27	46.00	28.45	-1.72	---	Peak
5 *	737.50	49.75			49.62	0.13	---	Peak
6	769.00	28.87	-17.13	46.00	28.62	0.25	---	Peak
7	951.00	32.38	-13.62	46.00	27.81	4.57	---	Peak
8	2578.00	43.40	-30.60	74.00	70.88	-27.48	---	Peak
9	4468.00	44.99	-29.01	74.00	67.34	-22.35	---	Peak
10	6008.00	46.85	-27.15	74.00	62.49	-15.64	---	Peak
11	7528.00	47.02	-26.98	74.00	61.02	-14.00	---	Peak
12	10266.00	36.72	-17.28	54.00	47.00	-10.28	100	21 Average
13	10266.00	51.80	-22.20	74.00	62.08	-10.28	100	21 Peak
14	12808.00	38.21	-15.79	54.00	45.00	-6.79	100	251 Average
15	12808.00	52.78	-21.22	74.00	59.57	-6.79	100	251 Peak
16	14580.00	40.53	-13.47	54.00	44.31	-3.78	100	63 Average
17	14580.00	54.41	-19.59	74.00	58.19	-3.78	100	63 Peak
18	17955.00	43.09	-10.91	54.00	43.99	-0.90	100	281 Average
19	17955.00	56.35	-17.65	74.00	57.25	-0.90	100	281 Peak



Mode :	Mode 3	Temperature :	23~26°C
Test Engineer :	Bor-Shiang,Huang	Relative Humidity :	43~47%
Test Distance :	3m	Polarization :	Vertical
Remark :	#5 is system simulator signal which can be ignored.		

- Emission level (dBμV/m) = 20 log Emission level (μV/m)
- Factor(dB) = Antenna Factor + Cable Loss + Filter loss – Preamp Factor
- Corrected Reading: Factor(dB) + Read Level = Level



	Freq	Level	Over	Limit	Read	A/Pos	T/Pos	Remark
	MHz	dBuV/m	Limit	Line	Level	Factor	cm	deg
1	42.69	32.70	-7.30	40.00	45.53	-12.83	---	Peak
2	119.37	32.92	-10.58	43.50	45.78	-12.86	---	Peak
3	156.09	32.24	-11.26	43.50	45.33	-13.09	---	Peak
4	559.70	27.88	-18.12	46.00	29.52	-1.64	---	Peak
5 *	737.50	48.74			48.61	0.13	---	Peak
6	763.40	28.32	-17.68	46.00	28.16	0.16	---	Peak
7	957.30	33.16	-12.84	46.00	28.26	4.90	---	Peak
8	2720.00	42.68	-31.32	74.00	69.64	-26.96	---	Peak
9	4496.00	44.93	-29.07	74.00	67.29	-22.36	---	Peak
10	6392.00	47.21	-26.79	74.00	61.65	-14.44	---	Peak
11	7498.00	47.17	-26.83	74.00	60.96	-13.79	---	Peak
12	10596.00	37.68	-16.32	54.00	47.00	-9.32	100	225 Average
13	10596.00	52.66	-21.34	74.00	61.98	-9.32	100	225 Peak
14	12782.00	38.20	-15.80	54.00	45.10	-6.90	100	121 Average
15	12782.00	52.48	-21.52	74.00	59.38	-6.90	100	121 Peak
16	13945.00	40.70	-13.30	54.00	44.99	-4.29	100	151 Average
17	13945.00	53.77	-20.23	74.00	58.06	-4.29	100	151 Peak
18	17975.00	43.30	-10.70	54.00	44.00	-0.70	100	221 Average
19	17975.00	56.68	-17.32	74.00	57.38	-0.70	100	221 Peak

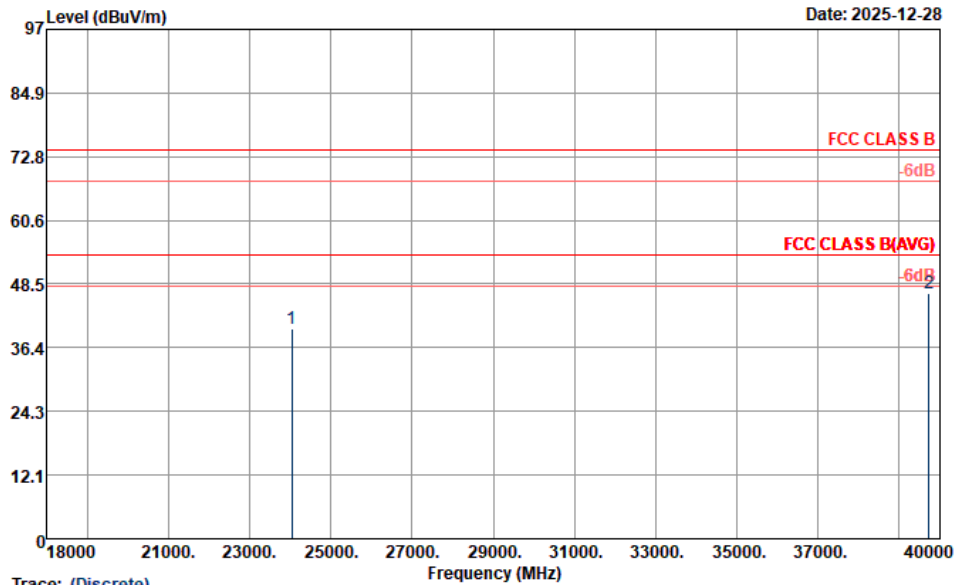


Mode :	Mode 3	Temperature :	23~26℃																																								
Test Engineer :	Bor-Shiang,Huang	Relative Humidity :	43~47%																																								
Test Distance :	1m	Polarization :	Horizontal																																								
■ Emission level (dBμV/m) = 20 log Emission level (μV/m)																																											
■ Factor(dB) = Antenna Factor + Cable Loss + Filter loss – Preamp Factor																																											
■ Corrected Reading: Factor(dB) + Read Level = Level																																											
Level (dBuV/m) Date: 2025-12-28 Trace: (Discrete) Site : 03CH06-HY Condition : FCC CLASS B 1m BBHA_00991_250529 HORIZONTAL Project : 5N1805 Power : 120Vac/60Hz Memo : Mode 3 <table><tr><th></th><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>Read</th><th>Factor</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>Limit</th><th>Line</th><th>Level</th><th>dB/m</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>23588.00</td><td>39.99</td><td>-34.01</td><td>74.00</td><td>41.53</td><td>-1.54</td><td>---</td><td>---</td><td>Peak</td></tr><tr><td>2</td><td>39868.00</td><td>46.24</td><td>-27.76</td><td>74.00</td><td>35.38</td><td>10.86</td><td>---</td><td>---</td><td>Peak</td></tr></table>					Freq	Level	Over	Limit	Read	Factor	A/Pos	T/Pos	Remark		MHz	dBuV/m	Limit	Line	Level	dB/m	cm	deg		1	23588.00	39.99	-34.01	74.00	41.53	-1.54	---	---	Peak	2	39868.00	46.24	-27.76	74.00	35.38	10.86	---	---	Peak
	Freq	Level	Over	Limit	Read	Factor	A/Pos	T/Pos	Remark																																		
	MHz	dBuV/m	Limit	Line	Level	dB/m	cm	deg																																			
1	23588.00	39.99	-34.01	74.00	41.53	-1.54	---	---	Peak																																		
2	39868.00	46.24	-27.76	74.00	35.38	10.86	---	---	Peak																																		



Mode :	Mode 3	Temperature :	23~26°C
Test Engineer :	Bor-Shiang,Huang	Relative Humidity :	43~47%
Test Distance :	1m	Polarization :	Vertical

- Emission level (dBμV/m) = 20 log Emission level (μV/m)
- Factor(dB) = Antenna Factor + Cable Loss + Filter loss – Preamp Factor
- Corrected Reading: Factor(dB) + Read Level = Level



Trace: (Discrete)

Site : 03CH06-HY
Condition : FCC CLASS B 1m BBHA_00991_250529 VERTICAL
Project : 5N1805
Power : 120Vac/60Hz
Memo : Mode 3

	Freq	Level	Over Limit	Limit Line	Read Level	Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	cm	deg	
1	24050.00	39.97	-34.03	74.00	40.34	-0.37	---	---	Peak
2	39736.00	46.84	-27.16	74.00	36.14	10.70	---	---	Peak



Mode :	Mode 4	Temperature :	23~26℃
Test Engineer :	Bor-Shiang,Huang	Relative Humidity :	43~47%
Test Distance :	3m	Polarization :	Horizontal
Remark :	#5 is system simulator signal which can be ignored.		
■ Emission level (dBμV/m) = 20 log Emission level (μV/m)			
■ Factor(dB) = Antenna Factor + Cable Loss + Filter loss – Preamp Factor			
■ Corrected Reading: Factor(dB) + Read Level = Level			

Level (dBuV/m)

Date: 2025-12-20

Trace: (Discrete)

Site : 03CH06-HY

Condition : FCC CLASS-B 3m 9120D_1212 HORIZONTAL

Project : 5N1805

Power : 120Vac/60Hz

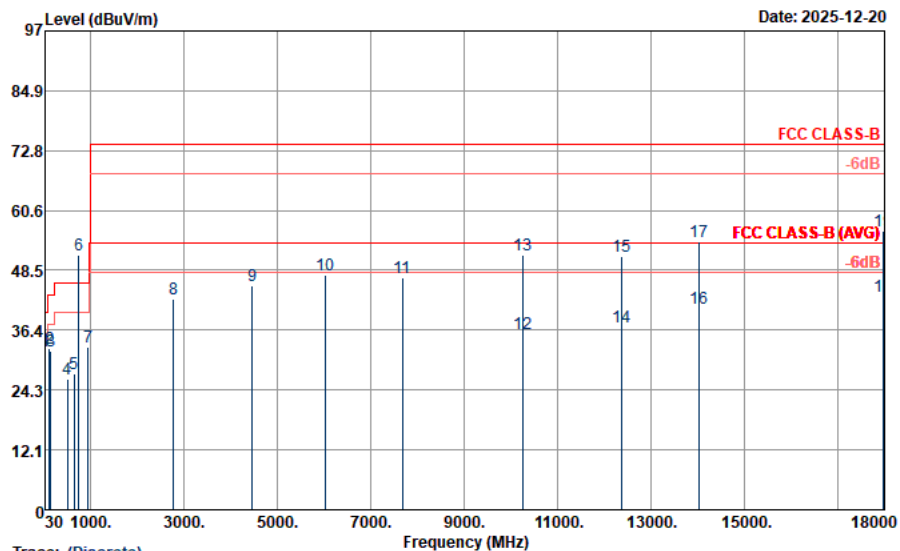
Memo : Mode 4

	Freq	Level	Over	Limit	Read	A/Pos	T/Pos	Remark
	MHz	dBuV/m	Limit	Line	Level	Factor	cm	deg
1	99.12	36.06	-7.44	43.50	50.26	-14.20	---	Peak
2	156.63	30.90	-12.60	43.50	44.05	-13.15	---	Peak
3	174.45	29.18	-14.32	43.50	43.51	-14.33	---	Peak
4	565.30	26.58	-19.42	46.00	28.36	-1.78	---	Peak
5 *	750.80	55.82			55.67	0.15	---	Peak
6	802.60	29.04	-16.96	46.00	28.59	0.45	---	Peak
7	958.00	32.34	-13.66	46.00	27.39	4.95	---	Peak
8	2592.00	43.30	-30.70	74.00	70.71	-27.41	---	Peak
9	4498.00	45.22	-28.78	74.00	67.59	-22.37	---	Peak
10	5950.00	47.37	-26.63	74.00	63.36	-15.99	---	Peak
11	7646.00	46.78	-27.22	74.00	60.97	-14.19	---	Peak
12	9584.00	36.47	-17.53	54.00	47.11	-10.64	100	33 Average
13	9584.00	51.19	-22.81	74.00	61.83	-10.64	100	33 Peak
14	12558.00	37.68	-16.32	54.00	44.90	-7.22	100	218 Average
15	12558.00	52.44	-21.56	74.00	59.66	-7.22	100	218 Peak
16	13955.00	40.46	-13.54	54.00	44.70	-4.24	100	74 Average
17	13955.00	53.49	-20.51	74.00	57.73	-4.24	100	74 Peak
18	17875.00	42.47	-11.53	54.00	44.10	-1.63	100	213 Average
19	17875.00	56.78	-17.22	74.00	58.41	-1.63	100	213 Peak



Mode :	Mode 4	Temperature :	23~26°C
Test Engineer :	Bor-Shiang,Huang	Relative Humidity :	43~47%
Test Distance :	3m	Polarization :	Vertical
Remark :	#6 is system simulator signal which can be ignored.		

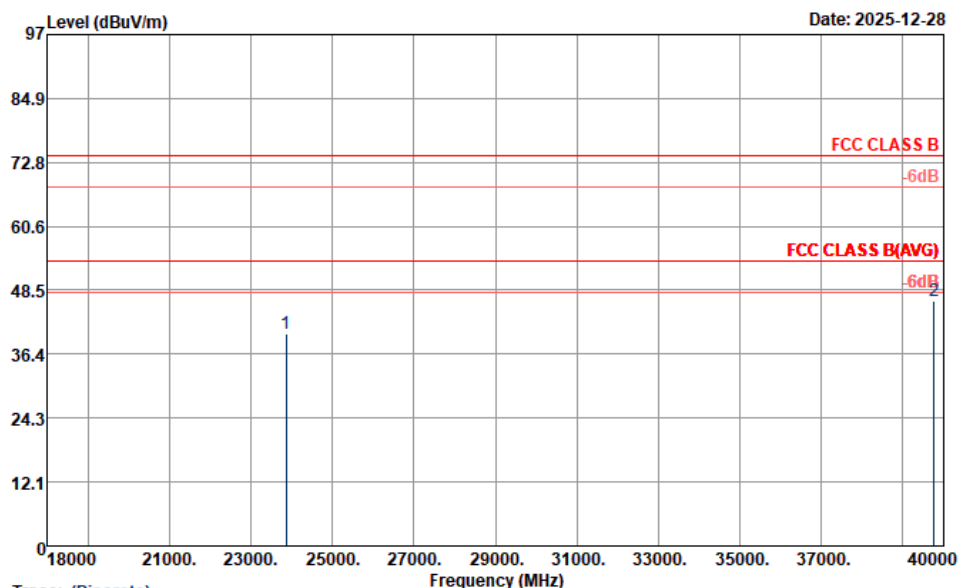
- Emission level (dBμV/m) = 20 log Emission level (μV/m)
- Factor(dB) = Antenna Factor + Cable Loss + Filter loss – Preamp Factor
- Corrected Reading: Factor(dB) + Read Level = Level



	Freq	Level	Over	Limit	Read	A/Pos	T/Pos	Remark
	MHz	dBuV/m	Limit	Line	Level	Factor	cm	deg
1	41.88	32.19	-7.81	40.00	44.66	-12.47	---	Peak
2	124.50	32.77	-10.73	43.50	45.41	-12.64	---	Peak
3	154.74	32.17	-11.33	43.50	45.13	-12.96	---	Peak
4	513.50	26.42	-19.58	46.00	31.05	-4.63	---	Peak
5	650.00	27.44	-18.56	46.00	29.15	-1.71	---	Peak
6 *	751.00	51.71			51.57	0.14	---	Peak
7	955.20	33.05	-12.95	46.00	28.28	4.77	---	Peak
8	2778.00	42.76	-31.24	74.00	69.50	-26.74	---	Peak
9	4470.00	45.29	-28.71	74.00	67.64	-22.35	---	Peak
10	6040.00	47.46	-26.54	74.00	63.11	-15.65	---	Peak
11	7682.00	47.14	-26.86	74.00	61.13	-13.99	---	Peak
12	10250.00	35.55	-18.45	54.00	45.81	-10.26	100	331 Average
13	10250.00	51.62	-22.38	74.00	61.88	-10.26	100	331 Peak
14	12368.00	36.97	-17.03	54.00	44.80	-7.83	100	211 Average
15	12368.00	51.47	-22.53	74.00	59.30	-7.83	100	211 Peak
16	14035.00	40.86	-13.14	54.00	44.90	-4.04	100	64 Average
17	14035.00	54.44	-19.56	74.00	58.48	-4.04	100	64 Peak
18	17980.00	43.34	-10.66	54.00	44.00	-0.66	100	28 Average
19	17980.00	56.44	-17.56	74.00	57.10	-0.66	100	28 Peak

Mode :	Mode 4	Temperature :	23~26°C
Test Engineer :	Bor-Shiang,Huang	Relative Humidity :	43~47%
Test Distance :	1m	Polarization :	Horizontal

- Emission level (dBμV/m) = 20 log Emission level (μV/m)
- Factor(dB) = Antenna Factor + Cable Loss + Filter loss – Preamplifier Factor
- Corrected Reading: Factor(dB) + Read Level = Level



Trace: (Discrete)

Site : 03CH06-HY

Condition : FCC CLASS B 1m BBHA_00991_250529 HORIZONTAL

Project : 5N1805

Power : 120Vac/60Hz

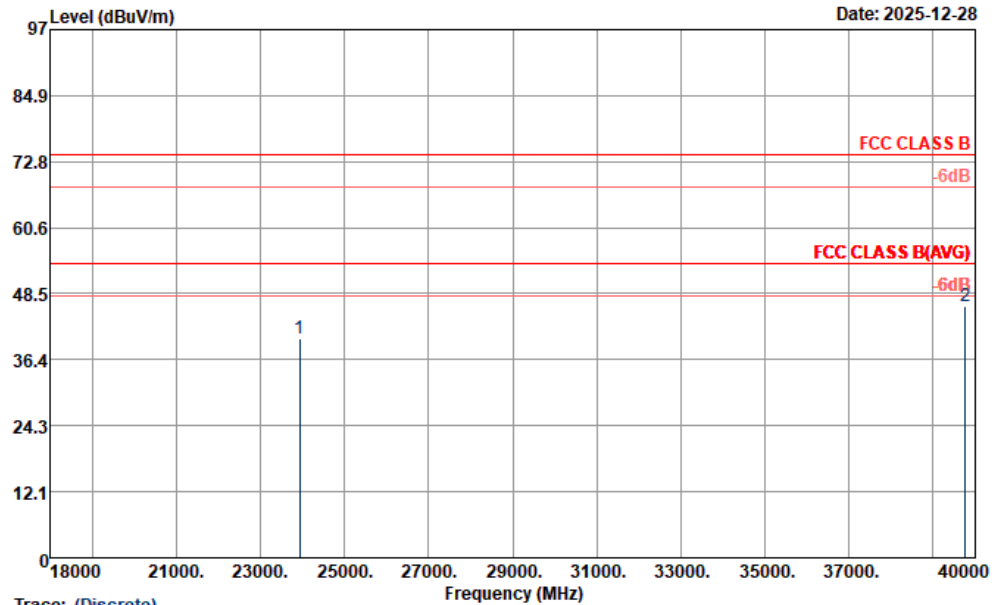
Power : 120Vdc/ 500W
Memo : Mode 4

	Freq	Level	Over Limit	Limit Line	Read Level	Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	cm	deg	
1	23874.00	40.21	-33.79	74.00	40.96	-0.75	---	---	Peak
2	39758.00	46.58	-27.42	74.00	35.69	10.89	---	---	Peak



Mode :	Mode 4	Temperature :	23~26°C
Test Engineer :	Bor-Shiang,Huang	Relative Humidity :	43~47%
Test Distance :	1m	Polarization :	Vertical

- Emission level (dBμV/m) = 20 log Emission level (μV/m)
- Factor(dB) = Antenna Factor + Cable Loss + Filter loss – Preamp Factor
- Corrected Reading: Factor(dB) + Read Level = Level



Trace: (Discrete)

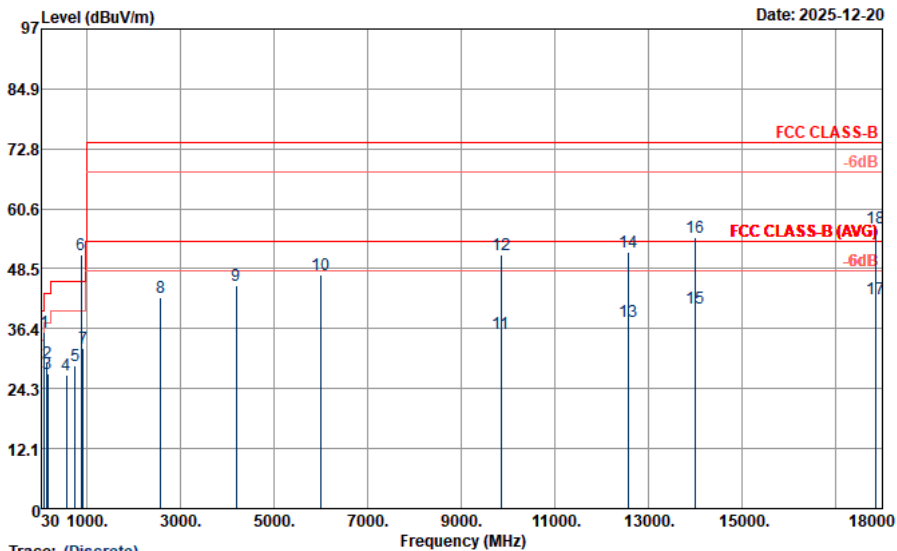
Site : 03CH06-HY
Condition : FCC CLASS B 1m BBHA_00991_250529 VERTICAL
Project : 5N1805
Power : 120Vac/60Hz
Memo : Mode 4

	Freq	Level	Over Limit	Limit Line	Read Level	Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	cm	deg	
1	23940.00	40.19	-33.81	74.00	40.85	-0.66	---	---	Peak
2	39758.00	46.19	-27.81	74.00	35.30	10.89	---	---	Peak



Mode :	Mode 5	Temperature :	23~26°C
Test Engineer :	Bor-Shiang,Huang	Relative Humidity :	43~47%
Test Distance :	3m	Polarization :	Horizontal
Remark :	#6 is system simulator signal which can be ignored.		

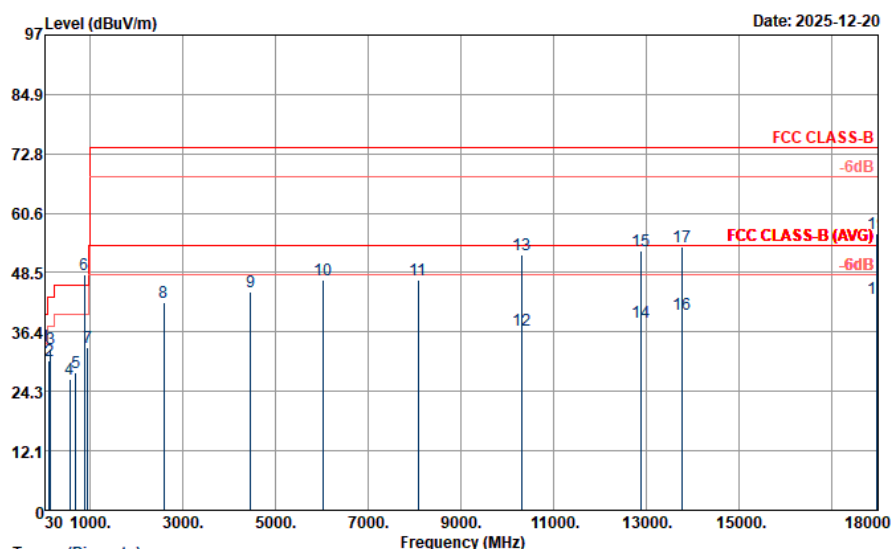
- Emission level (dBμV/m) = 20 log Emission level (μV/m)
- Factor(dB) = Antenna Factor + Cable Loss + Filter loss – Preamp Factor
- Corrected Reading: Factor(dB) + Read Level = Level



	Freq	Level	Over	Limit	Read		A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	cm	deg	
1	100.20	35.60	-7.90	43.50	49.63	-14.03	---	---	Peak
2	153.93	29.36	-14.14	43.50	42.27	-12.91	---	---	Peak
3	165.81	27.30	-16.20	43.50	41.09	-13.79	---	---	Peak
4	562.50	26.99	-19.01	46.00	28.68	-1.69	---	---	Peak
5	746.60	28.90	-17.10	46.00	28.70	0.20	---	---	Peak
6 *	876.80	51.35	---	---	49.33	2.02	---	---	Peak
7	927.90	32.48	-13.52	46.00	29.42	3.06	---	---	Peak
8	2580.00	42.64	-31.36	74.00	70.10	-27.46	---	---	Peak
9	4192.00	45.23	-28.77	74.00	68.08	-22.85	---	---	Peak
10	6008.00	47.30	-26.70	74.00	62.94	-15.64	---	---	Peak
11	9854.00	35.38	-18.62	54.00	46.80	-11.42	100	228	Average
12	9854.00	51.42	-22.58	74.00	62.84	-11.42	100	228	Peak
13	12568.00	37.93	-16.07	54.00	45.10	-7.17	100	289	Average
14	12568.00	51.88	-22.12	74.00	59.05	-7.17	100	289	Peak
15	14000.00	40.63	-13.37	54.00	44.70	-4.07	100	134	Average
16	14000.00	54.95	-19.05	74.00	59.02	-4.07	100	134	Peak
17	17870.00	42.30	-11.70	54.00	44.00	-1.70	100	121	Average
18	17870.00	56.64	-17.36	74.00	58.34	-1.70	100	121	Peak

Mode :	Mode 5	Temperature :	23~26℃
Test Engineer :	Bor-Shiang,Huang	Relative Humidity :	43~47%
Test Distance :	3m	Polarization :	Vertical
Remark :	#6 is system simulator signal which can be ignored.		

- Emission level (dBμV/m) = 20 log Emission level (μV/m)
- Factor(dB) = Antenna Factor + Cable Loss + Filter loss – Preamp Factor
- Corrected Reading: Factor(dB) + Read Level = Level



Trace: (Discrete)

Site : 03CH06-HY

Condition : FCC CLASS-B 3m 9120D 1212 VERTICAL

Project : 5N1805

Power : 120Vac/60Hz

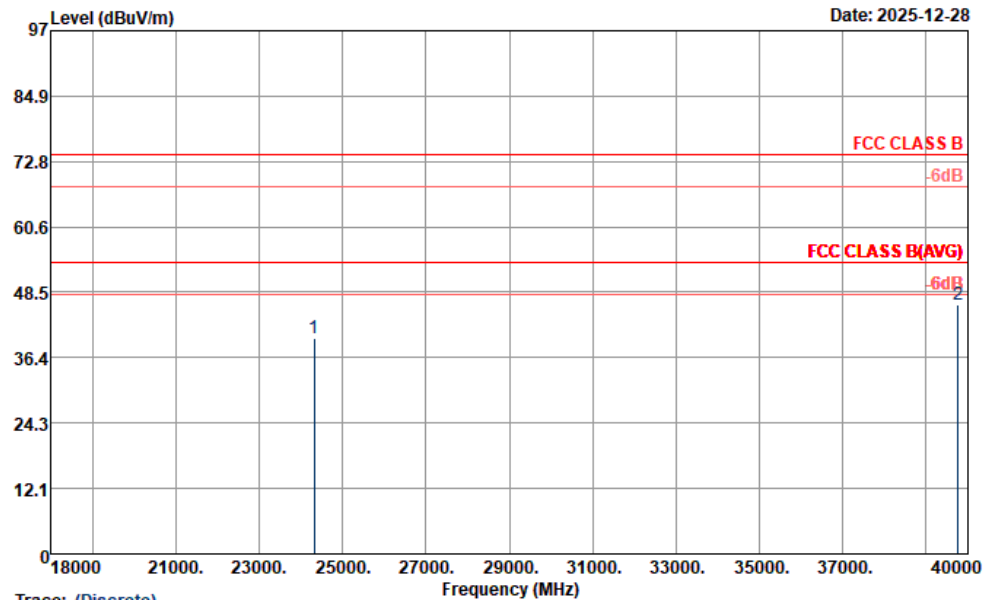
Memo : Mode 5

	Freq	Level	Over Limit	Limit Line	Read Level	Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	cm	deg	
1	42.15	33.44	-6.56	40.00	46.03	-12.59	---	---	Peak
2	118.02	30.65	-12.85	43.50	43.59	-12.94	---	---	Peak
3	153.39	33.05	-10.45	43.50	45.96	-12.91	---	---	Peak
4	561.80	26.77	-19.23	46.00	28.46	-1.69	---	---	Peak
5	696.90	28.22	-17.78	46.00	28.76	-0.54	---	---	Peak
6 *	876.50	48.06			46.04	2.02	---	---	Peak
7	957.30	33.14	-12.86	46.00	28.24	4.90	---	---	Peak
8	2592.00	42.30	-31.70	74.00	69.71	-27.41	---	---	Peak
9	4462.00	44.65	-29.35	74.00	66.99	-22.34	---	---	Peak
10	6042.00	46.95	-27.05	74.00	62.58	-15.63	---	---	Peak
11	8076.00	47.00	-27.00	74.00	60.88	-13.88	---	---	Peak
12	10310.00	36.70	-17.30	54.00	46.99	-10.29	100	121	Average
13	10310.00	52.20	-21.80	74.00	62.49	-10.29	100	121	Peak
14	12876.00	38.31	-15.69	54.00	45.01	-6.70	100	66	Average
15	12876.00	53.00	-21.00	74.00	59.70	-6.70	100	66	Peak
16	13765.00	39.94	-14.06	54.00	44.79	-4.85	100	33	Average
17	13765.00	53.74	-20.26	74.00	58.59	-4.85	100	33	Peak
18	17975.00	43.30	-10.70	54.00	44.00	-0.70	100	99	Average
19	17975.00	56.57	-17.43	74.00	57.27	-0.70	100	99	Peak



Mode :	Mode 5	Temperature :	23~26°C
Test Engineer :	Bor-Shiang,Huang	Relative Humidity :	43~47%
Test Distance :	1m	Polarization :	Horizontal

- Emission level (dB μ V/m) = 20 log Emission level (μ V/m)
- Factor(dB) = Antenna Factor + Cable Loss + Filter loss – Preamp Factor
- Corrected Reading: Factor(dB) + Read Level = Level



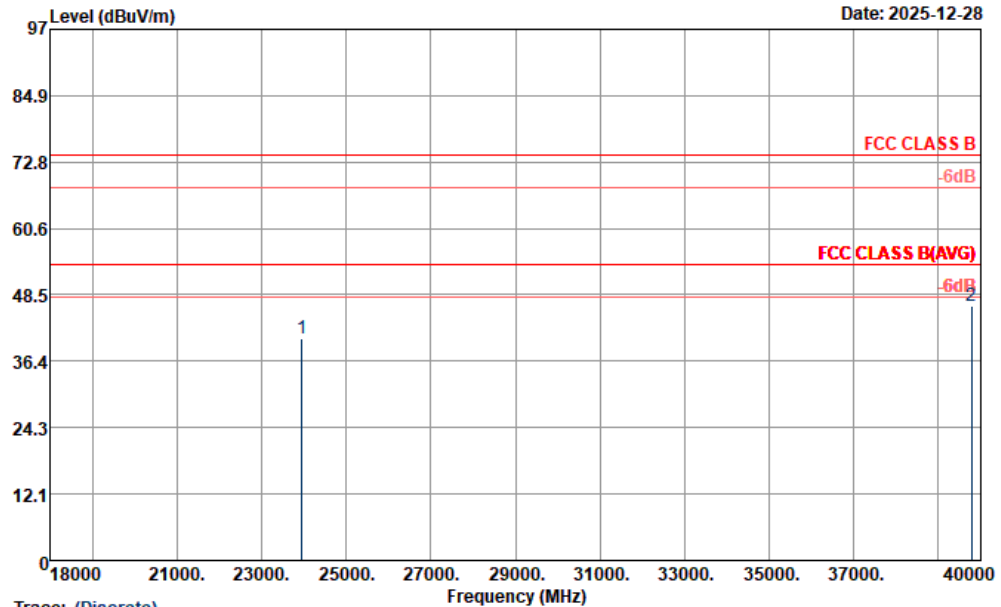
Trace: (Discrete)

Site : 03CH06-HY
Condition : FCC CLASS B 1m BBHA_00991_250529 HORIZONTAL
Project : 5N1805
Power : 120Vac/60Hz
Memo : Mode 5

	Freq	Level	Over Limit	Limit Line	Read Level	Factor	A/Pos	T/Pos	Remark
	MHz	dB μ V/m	dB	dB μ V/m	dB μ V	dB/m	cm	deg	
1	24314.00	40.09	-33.91	74.00	40.15	-0.06	---	---	Peak
2	39758.00	46.22	-27.78	74.00	35.33	10.89	---	---	Peak

Mode :	Mode 5	Temperature :	23~26°C
Test Engineer :	Bor-Shiang,Huang	Relative Humidity :	43~47%
Test Distance :	1m	Polarization :	Vertical

- Emission level (dBμV/m) = 20 log Emission level (μV/m)
- Factor(dB) = Antenna Factor + Cable Loss + Filter loss – Preamp Factor
- Corrected Reading: Factor(dB) + Read Level = Level



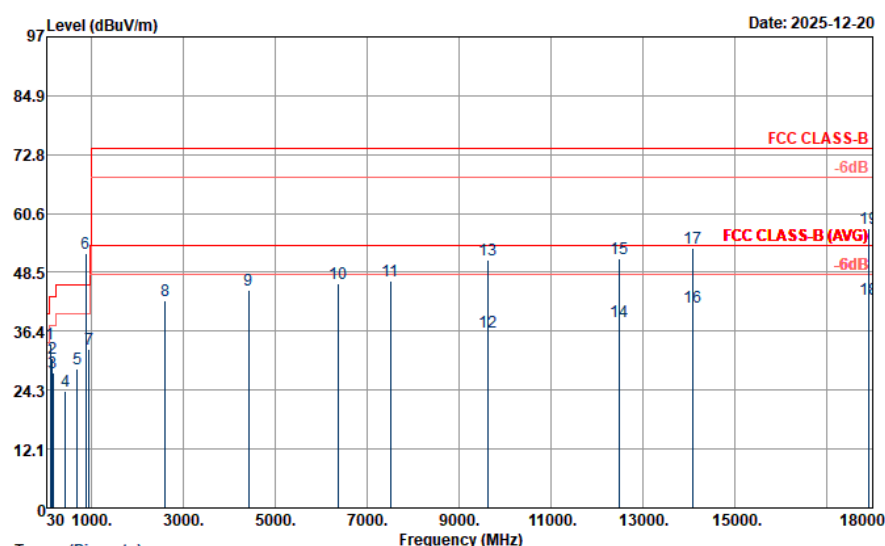
Trace: (Discrete)

Site : 03CH06-HY
Condition : FCC CLASS B 1m BBHA_00991_250529 VERTICAL
Project : 5N1805
Power : 120Vac/60Hz
Memo : Mode 5

	Freq	Level	Over	Limit	Read	A/Pos	T/Pos	Remark
	MHz	dBuV/m	Limit	Line	Level	Factor		
			dB	dBuV/m	dBuV	dB/m	cm	deg
1	23962.00	40.47	-33.53	74.00	41.04	-0.57	---	Peak
2	39780.00	46.47	-27.53	74.00	35.66	10.81	---	Peak

Mode :	Mode 6	Temperature :	23~26°C
Test Engineer :	Bor-Shiang,Huang	Relative Humidity :	43~47%
Test Distance :	3m	Polarization :	Horizontal
Remark :	#6 is system simulator signal which can be ignored.		

- Emission level (dBμV/m) = 20 log Emission level (μV/m)
- Factor(dB) = Antenna Factor + Cable Loss + Filter loss – Preamplifier Factor
- Corrected Reading: Factor(dB) + Read Level = Level



Trace: (Discrete)

Site : 03CH06-HY

Condition : FCC CLASS-B 3m 9120D_1212 HORIZONTAL

Project : 5N1805

Power : 120Vac/60Hz

Memo : Mode 6

Name	Fwd		Over	Limit	Read		A/Pos	T/Pos	Remark
	Freq	Level	Limit	Line	Level	Factor			
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	cm	deg	
1	102.36	33.72	-9.78	43.50	47.55	-13.83	---	---	Peak
2	155.82	30.71	-12.79	43.50	43.77	-13.06	---	---	Peak
3	166.62	27.89	-15.61	43.50	41.75	-13.86	---	---	Peak
4	435.80	23.91	-22.09	46.00	30.33	-6.42	---	---	Peak
5	689.20	28.52	-17.48	46.00	29.42	-0.90	---	---	Peak
6 *	881.70	52.29			50.36	1.93	---	---	Peak
7	949.60	32.72	-13.28	46.00	28.20	4.52	---	---	Peak
8	2606.00	42.74	-31.26	74.00	70.22	-27.48	---	---	Peak
9	4426.00	44.80	-29.20	74.00	67.23	-22.43	---	---	Peak
10	6378.00	46.14	-27.86	74.00	60.70	-14.56	---	---	Peak
11	7512.00	46.71	-27.29	74.00	60.57	-13.86	---	---	Peak
12	9624.00	36.12	-17.88	54.00	46.90	-10.78	100	336	Average
13	9624.00	50.96	-23.04	74.00	61.74	-10.78	100	336	Peak
14	12484.00	38.32	-15.68	54.00	45.80	-7.48	100	286	Average
15	12484.00	51.39	-22.61	74.00	58.87	-7.48	100	286	Peak
16	14095.00	41.40	-12.60	54.00	45.11	-3.71	100	131	Average
17	14095.00	53.60	-20.40	74.00	57.31	-3.71	100	131	Peak
18	17920.00	42.84	-11.16	54.00	44.00	-1.16	100	227	Average
19	17920.00	57.48	-16.52	74.00	58.64	-1.16	100	227	Peak



Mode :	Mode 6	Temperature :	23~26℃
Test Engineer :	Bor-Shiang,Huang	Relative Humidity :	43~47%
Test Distance :	3m	Polarization :	Vertical
Remark :	#6 is system simulator signal which can be ignored.		
■ Emission level (dBμV/m) = 20 log Emission level (μV/m)			
■ Factor(dB) = Antenna Factor + Cable Loss + Filter loss – Preamp Factor			
■ Corrected Reading: Factor(dB) + Read Level = Level			

Data: 176

Level (dBUV/m)

Date: 2025-12-20

Trace: (Discrete)

Site : 03CH06-HY

Condition : FCC CLASS-B 3m 9120D_1212 VERTICAL

Project : 5N1805

Power : 120Vac/60Hz

Memo : Mode 6

	Freq	Level	Over	Limit	Read	A/Pos	T/Pos	Remark	
	MHz	dBuV/m	Limit	dBuV/m	dBuV	dB/m	cm	deg	
1	42.42	33.34	-6.66	40.00	46.05	-12.71	---	---	Peak
2	117.48	30.97	-12.53	43.50	43.93	-12.96	---	---	Peak
3	155.01	32.59	-10.91	43.50	45.58	-12.99	---	---	Peak
4	572.30	27.21	-18.79	46.00	28.99	-1.78	---	---	Peak
5	685.00	27.95	-18.05	46.00	28.91	-0.96	---	---	Peak
6 *	881.50	50.27			48.34	1.93	---	---	Peak
7	955.90	32.74	-13.26	46.00	27.94	4.80	---	---	Peak
8	2578.00	42.79	-31.21	74.00	70.27	-27.48	---	---	Peak
9	4214.00	44.07	-29.93	74.00	66.84	-22.77	---	---	Peak
10	5052.00	46.65	-27.35	74.00	66.81	-20.16	---	---	Peak
11	7534.00	46.22	-27.78	74.00	60.33	-14.11	---	---	Peak
12	10344.00	36.35	-17.65	54.00	46.50	-10.15	100	322	Average
13	10344.00	51.68	-22.32	74.00	61.83	-10.15	100	322	Peak
14	12834.00	38.39	-15.61	54.00	45.10	-6.71	100	168	Average
15	12834.00	52.71	-21.29	74.00	59.42	-6.71	100	168	Peak
16	14405.00	41.42	-12.58	54.00	45.10	-3.68	100	313	Average
17	14405.00	54.15	-19.85	74.00	57.83	-3.68	100	313	Peak
18	17920.00	42.84	-11.16	54.00	44.00	-1.16	100	289	Average
19	17920.00	56.94	-17.06	74.00	58.10	-1.16	100	289	Peak



Mode :	Mode 6	Temperature :	23~26℃
Test Engineer :	Bor-Shiang,Huang	Relative Humidity :	43~47%
Test Distance :	1m	Polarization :	Horizontal
■ Emission level (dBμV/m) = 20 log Emission level (μV/m)			
■ Factor(dB) = Antenna Factor + Cable Loss + Filter loss – Preamp Factor			
■ Corrected Reading: Factor(dB) + Read Level = Level			

Data: 193

Level (dBUV/m)

Date: 2025-12-28

Trace: (Discrete)

Site : 03CH06-HY
Condition : FCC CLASS B 1m BBHA_00991_250529 HORIZONTAL
Project : 5N1805
Power : 120Vac/60Hz
Memo : Mode 6

	Freq	Level	Over Limit	Limit Line	Read Level	Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	cm	deg	
1	23984.00	40.43	-33.57	74.00	40.93	-0.50	---	---	Peak
2	39516.00	46.23	-27.77	74.00	36.09	10.14	---	---	Peak



Mode :	Mode 6	Temperature :	23~26℃																																																		
Test Engineer :	Bor-Shiang,Huang	Relative Humidity :	43~47%																																																		
Test Distance :	1m	Polarization :	Vertical																																																		
■ Emission level (dBμV/m) = 20 log Emission level (μV/m)																																																					
■ Factor(dB) = Antenna Factor + Cable Loss + Filter loss – Preamp Factor																																																					
■ Corrected Reading: Factor(dB) + Read Level = Level																																																					
Data: 194																																																					
Level (dBuV/m)		Date: 2025-12-28																																																			
Trace: (Discrete)																																																					
Site : 03CH06-HY																																																					
Condition : FCC CLASS B 1m BBHA_00991_250529 VERTICAL																																																					
Project : 5N1805																																																					
Power : 120Vac/60Hz																																																					
Memo : Mode 6																																																					
<table><tr><th></th><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>Read</th><th></th><th>A/Pos</th><th>T/Pos</th><th></th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>Limit</th><th>Line</th><th>Level</th><th>Factor</th><th></th><th></th><th>Remark</th></tr><tr><th></th><th></th><th></th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>22774.00</td><td>38.66</td><td>-35.34</td><td>74.00</td><td>42.30</td><td>-3.64</td><td>---</td><td>---</td><td>Peak</td></tr><tr><td>2</td><td>39846.00</td><td>46.18</td><td>-27.82</td><td>74.00</td><td>35.41</td><td>10.77</td><td>---</td><td>---</td><td>Peak</td></tr></table>					Freq	Level	Over	Limit	Read		A/Pos	T/Pos			MHz	dBuV/m	Limit	Line	Level	Factor			Remark				dB	dBuV/m	dBuV	dB/m	cm	deg		1	22774.00	38.66	-35.34	74.00	42.30	-3.64	---	---	Peak	2	39846.00	46.18	-27.82	74.00	35.41	10.77	---	---	Peak
	Freq	Level	Over	Limit	Read		A/Pos	T/Pos																																													
	MHz	dBuV/m	Limit	Line	Level	Factor			Remark																																												
			dB	dBuV/m	dBuV	dB/m	cm	deg																																													
1	22774.00	38.66	-35.34	74.00	42.30	-3.64	---	---	Peak																																												
2	39846.00	46.18	-27.82	74.00	35.41	10.77	---	---	Peak																																												



Mode :	Mode 7	Temperature :	23~26°C
Test Engineer :	Bor-Shiang,Huang	Relative Humidity :	43~47%
Test Distance :	3m	Polarization :	Horizontal
Remark :	#7 is system simulator signal which can be ignored.		
■ Emission level (dBμV/m) = 20 log Emission level (μV/m)			
■ Factor(dB) = Antenna Factor + Cable Loss + Filter loss – Preamp Factor			
■ Corrected Reading: Factor(dB) + Read Level = Level			

Data: 177

Level (dBuV/m)

Date: 2025-12-31

Trace: (Discrete)

Site : 03CH06-HY

Condition : FCC CLASS-B 3m 9120D_1212 HORIZONTAL

Project : 5N1805

Power : From System

Memo : Mode 7

: NB to eMMC

	Freq	Level	Over Limit	Limit Line	Read Level	Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	cm	deg	
1	89.94	33.99	-9.51	43.50	49.54	-15.55	---	---	Peak
2	161.49	28.18	-15.32	43.50	41.70	-13.52	---	---	Peak
3	191.73	28.93	-14.57	43.50	43.96	-15.03	---	---	Peak
4	531.00	33.70	-12.30	46.00	37.85	-4.15	---	---	Peak
5	730.50	36.07	-9.93	46.00	36.20	-0.13	---	---	Peak
6	834.10	38.30	-7.70	46.00	36.99	1.31	---	---	Peak
7 *	881.70	49.89			47.96	1.93	---	---	Peak
8	1120.00	26.44	-27.56	54.00	62.20	-35.76	100	93	Average
9	1120.00	48.41	-25.59	74.00	84.17	-35.76	100	93	Peak
10	3142.00	44.72	-29.28	74.00	69.43	-24.71	---	---	Peak
11	6412.00	47.41	-26.59	74.00	61.78	-14.37	---	---	Peak
12	8004.00	47.18	-26.82	74.00	61.02	-13.84	---	---	Peak
13	10346.00	37.06	-16.94	54.00	47.21	-10.15	100	141	Average
14	10346.00	51.12	-22.88	74.00	61.27	-10.15	100	141	Peak
15	12540.00	38.22	-15.78	54.00	45.51	-7.29	100	251	Average
16	12540.00	52.70	-21.30	74.00	59.99	-7.29	100	251	Peak
17	14310.00	41.26	-12.74	54.00	45.00	-3.74	100	47	Average
18	14310.00	54.45	-19.55	74.00	58.19	-3.74	100	47	Peak
19	17880.00	41.43	-12.57	54.00	43.00	-1.57	100	28	Average
20	17880.00	56.37	-17.63	74.00	57.94	-1.57	100	28	Peak



Mode :	Mode 7	Temperature :	23~26℃
Test Engineer :	Bor-Shiang,Huang	Relative Humidity :	43~47%
Test Distance :	3m	Polarization :	Vertical
Remark :	#7 is system simulator signal which can be ignored.		
■ Emission level (dBμV/m) = 20 log Emission level (μV/m)			
■ Factor(dB) = Antenna Factor + Cable Loss + Filter loss – Preamp Factor			
■ Corrected Reading: Factor(dB) + Read Level = Level			

Data: 178

Level (dBuV/m)

Date: 2025-12-31

Trace: (Discrete)

Site : 03CH06-HY

Condition : FCC CLASS-B 3m 9120D_1212 VERTICAL

Project : 5N1805

Power : From System

Memo : Mode 7

: NB to eMMC

	Freq	Level	Over	Limit	Read	A/Pos	T/Pos	Remark
	MHz	dBuV/m	Limit	Line	Level	Factor	cm	deg
1	46.47	26.26	-13.74	40.00	41.06	-14.80	---	Peak
2	88.86	27.51	-15.99	43.50	43.25	-15.74	---	Peak
3	200.64	29.12	-14.38	43.50	43.99	-14.87	---	Peak
4	531.00	32.54	-13.46	46.00	36.69	-4.15	---	Peak
5	561.10	34.37	-11.63	46.00	36.05	-1.68	---	Peak
6	838.30	37.52	-8.48	46.00	36.03	1.49	---	Peak
7 *	881.70	50.51			48.58	1.93	---	Peak
8	1118.00	26.72	-27.28	54.00	62.50	-35.78	100	33 Average
9	1118.00	49.49	-24.51	74.00	85.27	-35.78	100	33 Peak
10	4276.00	43.96	-30.04	74.00	66.56	-22.60	---	Peak
11	6370.00	47.22	-26.78	74.00	61.82	-14.60	---	Peak
12	7544.00	46.89	-27.11	74.00	61.05	-14.16	---	Peak
13	9876.00	35.60	-18.40	54.00	47.00	-11.40	100	88 Average
14	9876.00	50.92	-23.08	74.00	62.32	-11.40	100	88 Peak
15	12784.00	38.21	-15.79	54.00	45.10	-6.89	100	15 Average
16	12784.00	52.80	-21.20	74.00	59.69	-6.89	100	15 Peak
17	14375.00	40.35	-13.65	54.00	44.00	-3.65	100	69 Average
18	14375.00	53.98	-20.02	74.00	57.63	-3.65	100	69 Peak
19	17990.00	42.42	-11.58	54.00	43.00	-0.58	100	165 Average
20	17990.00	-0.58	-74.58	74.00	0.00	-0.58	100	165 Peak

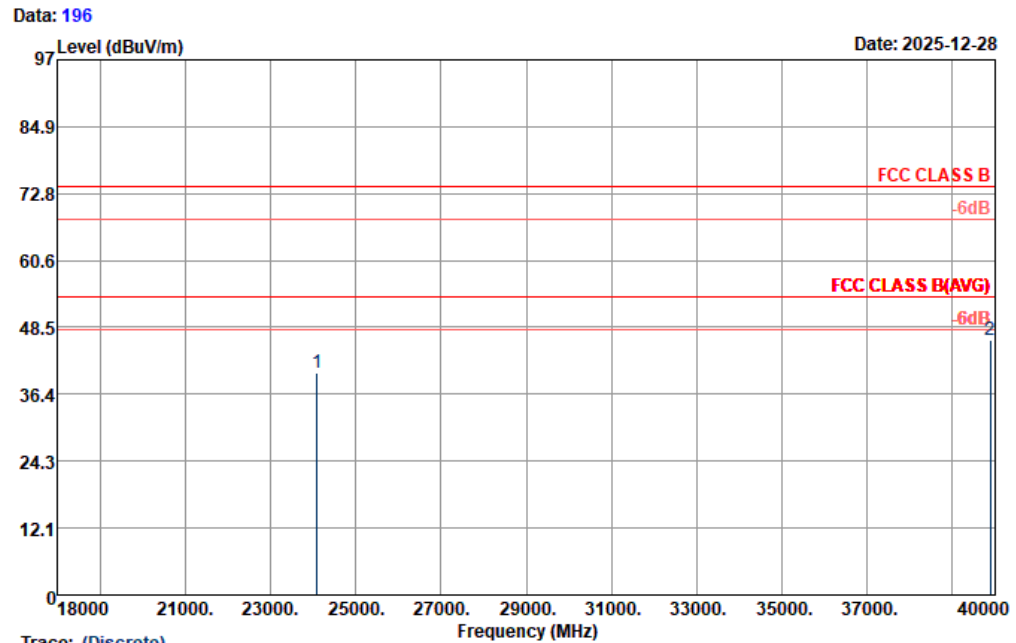


Mode :	Mode 7	Temperature :	23~26℃																																								
Test Engineer :	Bor-Shiang,Huang	Relative Humidity :	43~47%																																								
Test Distance :	1m	Polarization :	Horizontal																																								
■ Emission level (dBμV/m) = 20 log Emission level (μV/m) ■ Factor(dB) = Antenna Factor + Cable Loss + Filter loss – Preamp Factor ■ Corrected Reading: Factor(dB) + Read Level = Level																																											
Data: 195 Level (dBuV/m) Date: 2025-12-28 Trace: (Discrete) Site : 03CH06-HY Condition : FCC CLASS B 1m BBHA_00991_250529 HORIZONTAL Project : 5N1805 Power : 120Vac/60Hz Memo : Mode 7 : NB to eMMC <table><tr><th></th><th>Freq</th><th>Level</th><th>Over Limit</th><th>Limit Line</th><th>Read Level</th><th>Factor</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>23236.00</td><td>39.67</td><td>-34.33</td><td>74.00</td><td>41.97</td><td>-2.30</td><td>---</td><td>---</td><td>Peak</td></tr><tr><td>2</td><td>39824.00</td><td>46.43</td><td>-27.57</td><td>74.00</td><td>35.67</td><td>10.76</td><td>---</td><td>---</td><td>Peak</td></tr></table>					Freq	Level	Over Limit	Limit Line	Read Level	Factor	A/Pos	T/Pos	Remark		MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	cm	deg		1	23236.00	39.67	-34.33	74.00	41.97	-2.30	---	---	Peak	2	39824.00	46.43	-27.57	74.00	35.67	10.76	---	---	Peak
	Freq	Level	Over Limit	Limit Line	Read Level	Factor	A/Pos	T/Pos	Remark																																		
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	cm	deg																																			
1	23236.00	39.67	-34.33	74.00	41.97	-2.30	---	---	Peak																																		
2	39824.00	46.43	-27.57	74.00	35.67	10.76	---	---	Peak																																		



Mode :	Mode 7	Temperature :	23~26°C
Test Engineer :	Bor-Shiang,Huang	Relative Humidity :	43~47%
Test Distance :	1m	Polarization :	Vertical

- Emission level (dBμV/m) = 20 log Emission level (μV/m)
- Factor(dB) = Antenna Factor + Cable Loss + Filter loss – Preamp Factor
- Corrected Reading: Factor(dB) + Read Level = Level



Trace: (Discrete)

Site : 03CH06-HY
Condition : FCC CLASS B 1m BBHA_00991_250529 VERTICAL
Project : 5N1805
Power : 120Vac/60Hz
Memo : Mode 7
: NB to eMMC

	Freq	Level	Over Limit	Limit Line	Read Level	Factor	A/Pos	T/Pos	Remark
	MHz	dBμV/m	dB	dBμV/m	dBμV	dB/m	cm	deg	
1	24094.00	40.23	-33.77	74.00	40.58	-0.35	---	---	Peak
2	39890.00	46.32	-27.68	74.00	35.38	10.94	---	---	Peak



Mode :	Mode 8	Temperature :	23~26℃
Test Engineer :	Bor-Shiang,Huang	Relative Humidity :	43~47%
Test Distance :	1m	Polarization :	Horizontal
Remark :	#6 is system simulator signal which can be ignored.		
■ Emission level (dBμV/m) = 20 log Emission level (μV/m)			
■ Factor(dB) = Antenna Factor + Cable Loss + Filter loss – Preamp Factor			
■ Corrected Reading: Factor(dB) + Read Level = Level			

Data: 181

Level (dBUV/m)

97

84.9

72.8

60.6

48.5

36.4

24.3

12.1

0

30

1000.

3000.

5000.

7000.

9000.

11000.

13000.

15000.

18000

Date: 2025-12-20

FCC CLASS-B

-6dB

FCC CLASS-B (AVG)

-6dB

Trace: (Discrete)

Site : 03CH06-HY

Condition : FCC CLASS-B 3m 9120D_1212 HORIZONTAL

Project : 5N1805

Power : 120Vac/60Hz

Memo : Mode 8

	Freq	Level	Over Limit	Limit Line	Read Level	Factor	A/Pos	T/Pos	Remark
	MHz	dBUV/m	dB	dBUV/m	dBUV	dB/m	cm	deg	
1	30.27	21.16	-18.84	40.00	28.33	-7.17	---	---	Peak
2	97.77	33.32	-10.18	43.50	47.69	-14.37	---	---	Peak
3	162.84	31.19	-12.31	43.50	44.80	-13.61	---	---	Peak
4	560.40	27.05	-18.95	46.00	28.72	-1.67	---	---	Peak
5	730.50	33.95	-12.05	46.00	34.08	-0.13	---	---	Peak
6 *	881.70	49.07			47.14	1.93	---	---	Peak
7	953.10	32.77	-13.23	46.00	28.11	4.66	---	---	Peak
8	2718.00	42.69	-31.31	74.00	69.68	-26.99	---	---	Peak
9	4494.00	44.95	-29.05	74.00	67.34	-22.39	---	---	Peak
10	6046.00	47.13	-26.87	74.00	62.77	-15.64	---	---	Peak
11	7690.00	46.73	-27.27	74.00	60.71	-13.98	---	---	Peak
12	10282.00	35.19	-18.81	54.00	45.50	-10.31	100	302	Average
13	10282.00	51.09	-22.91	74.00	61.40	-10.31	100	302	Peak
14	12262.00	36.87	-17.13	54.00	44.91	-8.04	100	119	Average
15	12262.00	51.90	-22.10	74.00	59.94	-8.04	100	119	Peak
16	14355.00	41.57	-12.43	54.00	45.20	-3.63	100	208	Average
17	14355.00	53.66	-20.34	74.00	57.29	-3.63	100	208	Peak
18	17920.00	43.04	-10.96	54.00	44.20	-1.16	100	79	Average
19	17920.00	57.59	-16.41	74.00	58.75	-1.16	100	79	Peak

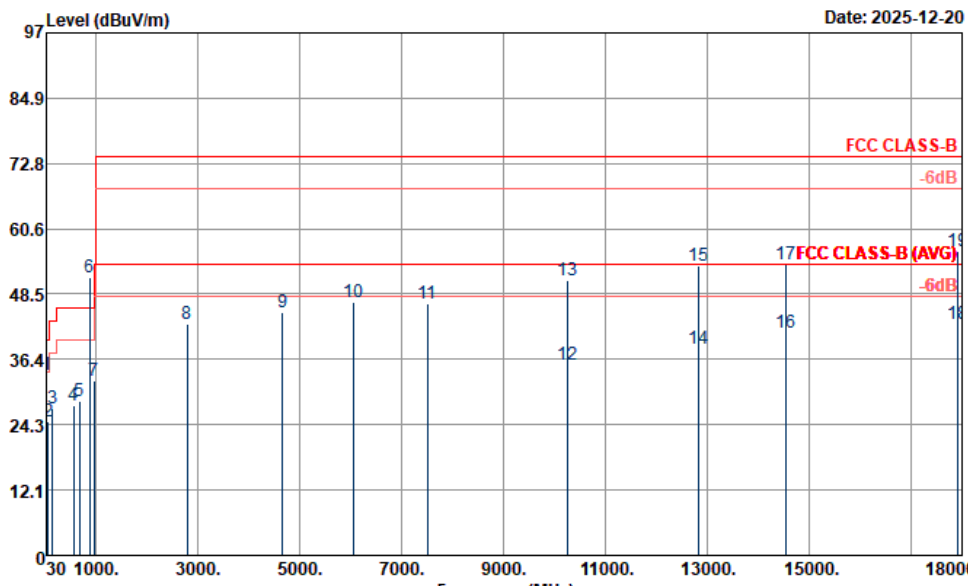


Mode :	Mode 8	Temperature :	23~26℃
Test Engineer :	Bor-Shiang,Huang	Relative Humidity :	43~47%
Test Distance :	3m	Polarization :	Vertical
Remark :	#6 is system simulator signal which can be ignored.		
■ Emission level (dBμV/m) = 20 log Emission level (μV/m)			
■ Factor(dB) = Antenna Factor + Cable Loss + Filter loss – Preamp Factor			
■ Corrected Reading: Factor(dB) + Read Level = Level			

Data: 182

Level (dBUV/m)

Date: 2025-12-20



Trace: (Discrete)

Site : 03CH06-HY

Condition : FCC CLASS-B 3m 9120D_1212 VERTICAL

Project : 5N1805

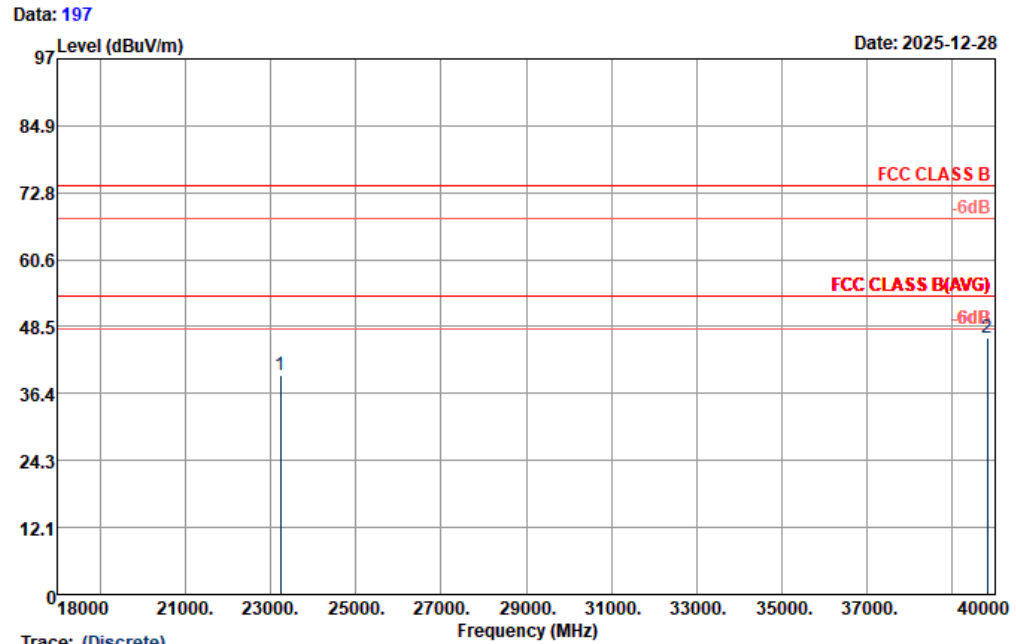
Power : 120Vac/60Hz

Memo : Mode 8

	Freq	Level	Over Limit	Limit Line	Read Level	Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	cm	deg	
1	42.96	33.49	-6.51	40.00	46.43	-12.94	---	---	Peak
2	65.10	24.87	-15.13	40.00	43.38	-18.51	---	---	Peak
3	156.90	27.42	-16.08	43.50	40.60	-13.18	---	---	Peak
4	562.50	27.90	-18.10	46.00	29.59	-1.69	---	---	Peak
5	678.00	28.64	-17.36	46.00	29.77	-1.13	---	---	Peak
6 *	881.70	51.57			49.64	1.93	---	---	Peak
7	958.70	32.49	-13.51	46.00	27.54	4.95	---	---	Peak
8	2800.00	42.96	-31.04	74.00	69.47	-26.51	---	---	Peak
9	4664.00	45.24	-28.76	74.00	67.10	-21.86	---	---	Peak
10	6060.00	47.05	-26.95	74.00	62.68	-15.63	---	---	Peak
11	7510.00	46.79	-27.21	74.00	60.64	-13.85	---	---	Peak
12	10268.00	35.52	-18.48	54.00	45.80	-10.28	100	131	Average
13	10268.00	51.19	-22.81	74.00	61.47	-10.28	100	131	Peak
14	12842.00	38.38	-15.62	54.00	45.10	-6.72	100	28	Average
15	12842.00	53.70	-20.30	74.00	60.42	-6.72	100	28	Peak
16	14550.00	41.40	-12.60	54.00	45.10	-3.70	100	52	Average
17	14550.00	54.03	-19.97	74.00	57.73	-3.70	100	52	Peak
18	17920.00	43.04	-10.96	54.00	44.20	-1.16	100	134	Average
19	17920.00	56.34	-17.66	74.00	57.50	-1.16	100	134	Peak

Mode :	Mode 8	Temperature :	23~26°C
Test Engineer :	Bor-Shiang,Huang	Relative Humidity :	43~47%
Test Distance :	1m	Polarization :	Horizontal

- Emission level (dB μ V/m) = 20 log Emission level (μ V/m)
- Factor(dB) = Antenna Factor + Cable Loss + Filter loss – Preamp Factor
- Corrected Reading: Factor(dB) + Read Level = Level



Trace: (Discrete)

Site : 03CH06-HY
Condition : FCC CLASS B 1m BBHA_00991_250529 HORIZONTAL
Project : 5N1805
Power : 120Vac/60Hz
Memo : Mode 8

	Freq	Level	Over	Limit	Read	A/Pos	T/Pos	Remark
	MHz	dB μ V/m	Limit	Line	Level	Factor		
			dB	dB μ V/m	dB μ V	dB/m	cm	deg
1	23236.00	39.67	-34.33	74.00	41.97	-2.30	---	Peak
2	39824.00	46.43	-27.57	74.00	35.67	10.76	---	Peak



Mode :	Mode 8	Temperature :	23~26℃																																								
Test Engineer :	Bor-Shiang,Huang	Relative Humidity :	43~47%																																								
Test Distance :	1m	Polarization :	Vertical																																								
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Data: 198																																											
Date: 2025-12-28																																											
Trace: (Discrete)																																											
Site : 03CH06-HY																																											
Condition : FCC CLASS B 1m BBHA_00991_250529 VERTICAL																																											
Project : 5N1805																																											
Power : 120Vac/60Hz																																											
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<table><thead><tr><th></th><th>Freq</th><th>Level</th><th>Over Limit</th><th>Limit Line</th><th>Read Level</th><th>Factor</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>cm</th><th>deg</th><th></th></tr></thead><tbody><tr><td>1</td><td>24094.00</td><td>40.23</td><td>-33.77</td><td>74.00</td><td>40.58</td><td>-0.35</td><td>---</td><td>---</td><td>Peak</td></tr><tr><td>2</td><td>39890.00</td><td>46.32</td><td>-27.68</td><td>74.00</td><td>35.38</td><td>10.94</td><td>---</td><td>---</td><td>Peak</td></tr></tbody></table>					Freq	Level	Over Limit	Limit Line	Read Level	Factor	A/Pos	T/Pos	Remark		MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	cm	deg		1	24094.00	40.23	-33.77	74.00	40.58	-0.35	---	---	Peak	2	39890.00	46.32	-27.68	74.00	35.38	10.94	---	---	Peak
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