

FCC Test Report

APPLICANT	:	FCNT LLC.
EQUIPMENT	:	Mobile cellular phone
BRAND NAME	:	arrows We2
MODEL NAME	:	F-52E
FCC ID	:	2BEPUFMP195
STANDARD	:	47 CFR Part 15 Subpart B
CLASSIFICATION	:	Certification
TEST DATE(S)	:	Apr. 04, 2024

We, Sporton International Inc. (Kunshan), 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 of Sporton International Inc. (Kunshan), the test report shall not be reproduced except in full.

JasonJia

Approved by: Jason Jia



Sporton International Inc. (Kunshan) No. 1098, Pengxi North Road, Kunshan Economic Development Zone Jiangsu Province 215300 People's Republic of China



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APPENDIX A. SETUP PHOTOGRAPHS



REVISION HISTORY

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FC3D0613-04	Rev. 01	Initial issue of report	May 22, 2024



SUMMARY OF TEST RESULT

Report Section	FCC Rule	Description	Limit	Result	Remark
	15.107	AC Conducted Emission	< 15.107 limits	PASS	Under limit
3.1					8.10 dB at
					13.841 MHz
3.2	15.109	15.109 Radiated Emission	< 15.109 limits	PASS	Under limit
					5.83 dB at
					273.47 MHz

Conformity Assessment Condition:

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/manufacturer who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account. Please refer to each test results 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.



1. General Description

1.1. Applicant

FCNT LLC.

Sanki Yamato Bldg. 3F, 7-10-1, Chuorinkan, Yamato-shi, Kanagawa, 242-0007, Japan

1.2. Manufacturer

FCNT LLC.

Sanki Yamato Bldg. 3F, 7-10-1, Chuorinkan, Yamato-shi, Kanagawa, 242-0007, Japan

1.3. Product Feature of Equipment Under Test

	Product Feature
Equipment	Mobile cellular phone
Brand Name	arrows We2
Model Name	F-52E
FCC ID	2BEPUFMP195
EUT supports Radios application	GSM/WCDMA/LTE/5G NR WLAN 2.4GHz 802.11b/g/n HT20/HT40 WLAN 5GHz 802.11a/n HT20/HT40 WLAN 5GHz 802.11ac VHT20/VHT40/VHT80 Bluetooth BR/EDR/LE GNSS/NFC/FM
IMEI Code	Conduction: 354214220054745/354214220054752 for Sample 1 354214220043946/354214220043953 for Sample 2 Radiation: 354214220043508/354214220043516 for Sample 1 354214220054984/354214220054992 for Sample 2
HW Version	V4
SW Version	FAC_V006
EUT Stage	Identical Prototype

Remark:

- 1. The above EUT's information was declared by manufacturer. Please refer to the specifications or user's manual for more detailed description.
- There are two samples under test. For change note, please refer to F-52E_Operational Description of Product Equality Declaration which is exhibit separately. According to the difference, sample 1 perform full test and sample 2 verify the worst case.



1.4. Product Specification of Equipment Under Test

Standards-related Product Specification				
Tx Frequency	GSM850: 824 MHz ~ 849 MHz GSM1900: 1850MHz ~ 1910MHz WCDMA Band V: 824 MHz ~ 849 MHz LTE Band 5 : 824 MHz ~ 849 MHz LTE Band 12 : 699 MHz ~ 716 MHz LTE Band 41 : 2496 MHz ~ 2690 MHz LTE Band 42 : 3450 MHz ~ 3550 MHz SG NR n77 : 3450 MHz ~ 3550 MHz; 3700 MHz ~ 3980 MHz SG NR n78 : 3450 MHz ~ 3550 MHz; 3700 MHz ~ 3980 MHz 802.11b/g/n: 2400 MHz ~ 2483.5 MHz 802.11a/n/ac: 5150 MHz ~ 5250 MHz; 5250 MHz ~ 5350 MHz; 5470 MHz ~ 5725 MHz 5725 MHz ~ 5850 MHz Bluetooth: 2400 MHz ~ 2483.5 MHz NFC : 13.56 MHz			
Rx Frequency	GSM850: 869 MHz ~ 894 MHz GSM1900: 1930 MHz ~ 1990 MHz WCDMA Band V: 869 MHz ~ 894 MHz LTE Band 5 : 869 MHz ~ 894 MHz LTE Band 12 : 729 MHz ~ 746 MHz LTE Band 41 : 2496 MHz ~ 2690 MHz LTE Band 42 : 3450 MHz ~ 3550 MHz SG NR n77 : 3450 MHz ~ 3550 MHz; 3700 MHz ~ 3980 MHz 5G NR n78 : 3450 MHz ~ 3550 MHz; 3700 MHz ~ 3800 MHz 802.11b/g/n: 2400 MHz ~ 2483.5 MHz 802.11a/n/ac: 5150 MHz ~ 5250 MHz; 5250 MHz ~ 5350 MHz; 5470 MHz ~ 5725 MHz 5725 MHz ~ 5850 MHz Bluetooth: 2400 MHz ~ 2483.5 MHz NFC : 13.56 MHz GNSS : 1559 MHz ~ 1610 MHz FM : 87.5 MHz ~ 108 MHz			
Antenna Type	WWAN : PIFA Antenna WLAN 2.4GHz: PIFA Antenna WLAN 5GHz: Loop Antenna Bluetooth: PIFA Antenna GNSS: PIFA Antenna NFC: Loop Antenna FM : External Earphone Antenna			
Type of Modulation	GSM/GPRS: GMSK EDGE(MCS 0-4): GMSK / (MCS 5-9): 8PSK WCDMA : BPSK HSPA : QPSK LTE: QPSK / 16QAM / 64QAM / 256QAM(Downlink only) 5G NR: DFT-s-OFDM (PI/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM) CP-OFDM (QPSK / 16QAM / 64QAM / 256QAM) 802.11b: DSSS (DBPSK / DQPSK / CCK)			



802.11a/g/n: OFDM (BPSK / QPSK / 16QAM / 64QAM)
802.11ac: OFDM (BPSK / QPSK / 16QAM / 64QAM / 256QAM)
Bluetooth LE : GFSK
Bluetooth (1Mbps) : GFSK
Bluetooth (2Mbps) :π/4-DQPSK
Bluetooth (3Mbps) : 8-DPSK
GNSS : BPSK
NFC: ASK
FM

1.5. Modification of EUT

No modifications are made to the EUT during all test items.

1.6. Test Location

Sporton International Inc. (Kunshan) is accredited to ISO/IEC 17025:2017 by American Association for Laboratory Accreditation with Certificate Number 5145.02.

Test Firm	Sporton International Inc. (Kunshan)				
Test Site Location	No. 1098, Pengxi North Road, Kunshan Economic Development Zone Jiangsu Province 215300 People's Republic of China TEL : +86-512-57900158				
Test Site No.	Sporton Site No.	FCC Designation No.	FCC Test Firm Registration No.		
	CO01-KS 03CH02-KS	CN1257	314309		

1.7. Test Software

ltem	Site	Manufacturer	Name	Version
1.	03CH02-KS	AUDIX	E3	6.2009-8-24al
2.	CO01-KS	AUDIX	E3	6.2009-8-24

1.8. Applicable Standards

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

- 47 CFR Part 15 Subpart B
- ANSI C63.4-2014

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 has been associated with peripherals pursuant to ANSI C63.4-2014 and configuration operated in a manner tended to maximize its emission characteristics in a typical application.

Frequency range investigated: conduction emission (150 kHz to 30 MHz), radiation emission (30MHz to the 5th harmonic of the highest frequency or to 40 GHz, whichever is lower).

Test Items	Function Type						
	Mode 1: GSM 850 Rx(Middle) + Bluetooth Idle + WLAN (2.4G) Idle + Camera(Rear) + Earphone + Battery 1 + USB Cable (Charging from Adapter) + SIM 1 for Sample1						
	Mode 2: WCDMA Band 5 Rx(Middle) + Bluetooth Idle + WLAN (5G) Idle + Camera(Front) + Earphone + Battery 1 + USB Cable (Data Link with Notebook) + EUT (eMMC) USB Data Link to PC/NB + eSIM for Sample1						
	Mode 3: LTE Band 12 Rx(Low) + Bluetooth Idle + WLAN (2.4G) Idle + NFC On + Earphone + Battery 1 + USB Cable (Data Link with Notebook) + PC/NB USB Data Link to EUT (eMMC) + SIM 1 for Sample1						
AC Conducted Emission	Mode 4: LTE Band 5 Rx(High) + Bluetooth Idle + WLAN (5G) Idle + MPEG4(Run Color Bar) + Earphone + Battery 1 + USB Cable (Data Link with Notebook) + EUT (SD) USB Data Link to PC/NB + SIM 1 for Sample1						
	Mode 5: LTE Band 42 Rx + Bluetooth Idle + WLAN (2.4G) Idle + GNSS Rx + Earphone + Battery 1 + USB Cable (Data Link with Notebook) + PC/NB USB Data Link to EUT (SD) + SIM 1 for Sample1						
	Mode 6: 5G N77 Rx(Middle) + Bluetooth Idle + WLAN (5G) Idle + FM Rx(98MHz) + Earphone + Battery 1 + USB Cable (Charging from Adapter) + SIM 1 for Sample1						
	Mode 7: GSM 850 Rx(Middle) + Bluetooth Idle + WLAN (2.4G) Idle + Camera(Rear) + Earphone + Battery 2 + USB Cable (Charging from Adapter) + SIM 1 for Sample2						



	Mode 1: GSM 850 Rx(Middle) + Bluetooth Idle + WLAN (2.4G) Idle + Camera(Rear) + Earphone + Battery 1 + USB Cable (Charging from Adapter) + SIM 1 for Sample1				
	Mode 2: WCDMA Band 5 Rx(Middle) + Bluetooth Idle + WLAN (5G) Idle + Camera(Front) + Earphone + Battery 1 + USB Cable (Data Link with Notebook) + EUT (eMMC) USB Data Link to PC/NB + eSIM for Sample1				
	Mode 3: LTE Band 12 Rx(Low) + Bluetooth Idle + WLAN (2.4G) Idle + NFC On + Earphone + Battery 1 + USB Cable (Data Link with Notebook) + PC/NB USB Data Link to EUT (eMMC) + eSIM for Sample1				
Padiataa	Mode 4: LTE Band 5 Rx(High) + Bluetooth Idle + WLAN (5G) Idle + MPEG4(Run Color Bar) + Earphone + Battery 1 + USB Cable (Data Link with Notebook) + EUT (SD) USB Data Link to PC/NB + eSIM for Sample1				
Emission	Mode 5: LTE Band 42 Rx + Bluetooth Idle + WLAN (2.4G) Idle + GNSS Rx + Earphone + Battery 1 + USB Cable (Data Link with Notebook) + PC/NB USB Data Link to EUT (SD) + eSIM for Sample1				
	Mode 6: 5G N77 Rx(Middle) + Bluetooth Idle + WLAN (5G) Idle + FM Rx(98MHz) + Earphone + Battery 1 + USB Cable (Data Link with Notebook) + EUT (eMMC) USB Data Link to PC/NB + eSIM for Sample1				
	Mode 7: WCDMA Band 5 Rx(Middle) + Bluetooth Idle + WLAN (5G) Idle + Camera(Front) + Earphone + Battery 2 + USB Cable (Data Link with Notebook) + EUT (eMMC) USB Data Link to PC/NB + eSIM for Sample 2				
	Mode 8: WCDMA Band 5 Rx(Middle) + Bluetooth Idle + WLAN (5G) Idle + NFC On + Earphone + Battery 2 + USB Cable (Data Link with Notebook) + EUT (eMMC) USB Data Link to PC/NB + eSIM for Sample 2				
Remark:					
1. The	worst case of AC is mode 1; only the test data of this mode is reported.				
2. The	worst case of RE is mode 2; only the test data of this mode is reported.				
3. Data	Data Link with Notebook / PC means data application transferred mode between EUT and				
Note	ebook / PC.				

4. Pre-scanned Low/Middle/High channel, the worst channel was recorded in this report.



2.2.Connection Diagram of Test System



The EUT has been associated with peripherals pursuant to ANSI C63.4-2014 and configuration operated in a manner tended to maximize its emission characteristics in a typical application

2.3. Support Unit used in test configuration and system

Item	Equipment	Trade Name	Model Name	FCC ID	Data Cable	Power Cord
1.	Base Station	Anritsu	MT8821C	N/A	N/A	Unshielded,1.8m
2.	Base Station	Anritsu	MT8820C	N/A	N/A	Unshielded,1.8m
3.	Signal Generator	R&S	SMBV100A	N/A	N/A	Unshielded,1.8m
4.	Base Station	Anritsu	MT8000A	N/A	N/A	Unshielded,1.8m
5.	WLAN AP	D-link	DIR-655	KA21R655B1	N/A	Unshielded,1.8m
6.	WLAN AP	TP-Link	TL-WDR5600	N/A	N/A	Unshielded,1.8m
7.	Notebook	Lenovo	V130-14IKB001	N/A	N/A	Unshielded,1.8m
8.	Notebook	Lenovo	G480	QDS-BRCM1050I	N/A	shielded cable DC O/P 1.8m , Unshielded AC I/P cable 1.8m
9.	Bluetooth Earphone	Lenovo	thinkplus-BH3	N/A	N/A	N/A
10.	Earphone	moto	LYEJ02LM	N/A	N/A	N/A
11.	Hard Disk	Lenovo	F310	DoC	Shielded, 1.2m	N/A
12.	Hard disk	Ultra	WD	N/A	N/A	N/A
13.	SD Card	Kingston	8GB	N/A	N/A	N/A
14.	SD Card	SanDisk	Uitra	N/A	N/A	N/A





2.4. EUT Operation Test Setup

The EUT was in GSM or WCDMA or LTE or 5G NR idle mode during the testing. The EUT was synchronized to the BCCH, and is in continuous receiving mode by setting system simulator's paging reorganization.

At the same time, the EUT was attached to the Bluetooth earphone or WLAN AP, and the following programs installed in the EUT were programmed during the test.

- 1. Data application is transferred between notebook and EUT via USB cable.
- 2. Turn on camera to capture images.
- 3. Turn on MPEG4 function.
- 4. Turn on FM function to make the EUT receive continuous signals from FM station.
- 5. Turn on GNSS function to make the EUT receive continuous signals from GNSS station.
- 6. Turn on NFC function



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 Limit>

Frequency of emission	Conducted	limit (dBuV)
(MHz)	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

The measuring equipment is listed in the section 4 of this test report.

3.1.3 Test Procedure

- 1. The EUT was placed 0.4 meter from the conducting wall of the shielding room was 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 should be used.
- 6. Both sides of AC line were checked for maximum conducted interference.
- 7. The frequency range from 150 kHz to 30 MHz was searched.
- Set the test-receiver system to Peak Detect Function and specified bandwidth (IF Bandwidth = 9kHz) with Maximum Hold Mode. Then measurement is also conducted by Average Detector and Quasi-Peak Detector Function respectively.



3.1.4 Test Setup





Temperature : 25.3~26.2°C Test Engineer : Amos **Relative Humidity :** 38~40% Test Voltage : 120Vac / 60Hz Phase : Line Remark : All emissions not reported here are more than 10 dB below the prescribed limit. 80 Level (dBuV) 70.0 FCC IC-QP 60.0 FCC IC-AVG 50.0 40.0 30.0 20.0 10.0 0.15 .2 .5 5 10 20 30 1 2 Frequency (MHz) Site : CO01-KS Condition : FCC IC-QP LISN-060105-L 2023 LINE Read LISN Cable Over Limit Freq Level Limit Line Level Factor Loss Remark dBuV dBuV dBuV dB MHz dB dB 65.03 55.03 64.77 54.77 62.44 52.44 52.440.04 0.04 10.42 QP 10.42 Average 41.40 28.90 0.169 123456789 0.169 0.04 0.04 0.03 0.03 -0.09 -0.09 -0.13 10.42 Average 10.41 QP 10.41 Average 10.38 QP 10.38 Average 10.07 QP 10.07 Average 11.08 QP 0.174 0.174 $\begin{array}{c} 39.\ 80\\ 27.\ 40\\ 32.\ 51\\ 20.\ 61\\ 36.\ 30\\ 26.\ 30\\ 39.\ 40\\ 24.\ 70\\ 40.\ 90\\ 27.\ 90 \end{array}$ 0.174 0.230 0.230 2.884 2.884 13.197 52. 44 56. 00 46. 00 60. 00 50. 00 60. 00 50. 00 -0.13 -0.13 -0.13 10 13.197 11.08 Average 51.90 -8.10 38.90 -11.10 11.13 QP 11.13 Average 11 12 13.841 13.841

3.1.5 Test Result of AC Conducted Emission





Note:

- 1. Level(dBµV) = Read Level(dBµV) + LISN Factor(dB) + Cable Loss(dB)
- 2. Over Limit(dB) = Level(dB μ V) Limit Line(dB μ V)



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 Limit>

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

3.2.2. Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.



3.2.3. Test Procedures

- 1. The EUT was placed on a turntable with 0.8 meter above ground.
- 2. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.
- 3. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.
- 4. The table was rotated 360 degrees to determine the position of the highest radiation.
- 5. 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.
- For each suspected emission, the EUT was 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.
- Set the test-receiver system to Peak Detect Function and specified bandwidth with Maximum Hold Mode (RBW=120kHz/VBW=300kHz for frequency below 1GHz; RBW=1MHz VBW=3MHz (Peak), RBW=1MHz/VBW=10Hz (Average) for frequency above 1GHz).
- If the emission level of the EUT in peak mode was 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.
- 9. Emission level (dB μ V/m) = 20 log Emission level (μ V/m)
- 10. Corrected Reading: Antenna Factor + Cable Loss + Read Level Preamp Factor = Level
- 11. Exploratory radiated emissions testing of handheld and/or body-worn devices shall include rotation of the EUT through three orthogonal axes (X/Y/Z Plane) to determine the orientation (attitude) that maximizes the emissions.



3.2.4. Test Setup of Radiated Emission

For radiated emissions from 30MHz to 1GHz



For radiated emissions above 1GHz





3.2.5. Test Result of Radiated Emission

		Temperature :		21~2	21~22°C						
Test Engineer :	Henry Li		Relative Humidity :		41~4	41~42%					
Test Distance :	3m				Polari	zation	:	Horiz	ontal		
Remark :	#7 is s	system	simulat	or signa	al which	can be	e ignore	d.			
120	el (dBuV/m))									
108.0											
96.0											
84.0											
72.0										FCC CI	ASSB
60.0											
						13	3		FC	C CLASS I	B (AVG)
48.0	8		9	10	11 1	2					
36.0											
24.0											
12.0											
0 <mark>30</mark>	3000.	5000. 7	000. 900	0. 11000.	13000. 15	000. 1700	0. 19000. 2	21000. 23	000. 2500	0. 27000.	30000
Site	: 03	CH02-K5			Treque						
Condition	: FC	C CLASS	B 3m 3117	00240138	HORIZO	NTAL					
			Over	limit	ReadA	ntenna	Cable	Preamp	A/Pos	T/Pos	
	Freq	Level	Limit	Line	Level	Factor	Loss	actor	.,	.,	Remark
—	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	92 08	30 50	-13 00	13 50	17 01	1/1 88	1 35	32 77			Peak
2	273.47	40.17	-5.83	46.00	52.15	18.66	2.31	32.95			Peak
3	345.25	29.17	-16.83	46.00	39.36	20.06	2.74	32.99			Peak
4	463.59	30.65	-15.35	46.00	37.56	23.14	3.14	33.19			Peak
5	555.74	28.84	-17.16	46.00	33.16	26.00	3.24	33.56			Peak
6	776.90	28.21	-17.79	46.00	29.35	28.00	4.15	33.29			Peak
7 p	881.66	41.90			41.17	29.01	4.40	32.68			Peak
8	2462.00	38.63	-35.37	74.00	34.42	32.37	7.50	35.66			Peak
9	6831.00	42.94	-31.06	74.00	30.60	35.50	12.87	36.03			Peak
10 1	2720.00	43.20	-30.80	74.00	27.31	37.20	10.03	37.34			Peak
11 1	2/30.00	44.41	-29.59	74.00	24.23	39.2/	10.00	37.09			Peak
12 1	7252.00	45.19	-26.28	74.00	22.79	41.15	21.11	37.33			Peak





Note:

- Level(dBµV/m) = Read Level(dBµV) + Antenna Factor(dB/m) + Cable Loss(dB) Preamp Factor(dB)
- 2. Over $Limit(dB) = Level(dB\mu V/m) Limit Line(dB\mu V/m)$



4. List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
EMI Test Receiver	R&S	ESR7	101403	9kHz~7GHz;Ma x 30dBm	Oct. 10, 2023	Apr. 04, 2024	Oct. 09, 2024	Radiation (03CH02-KS)
EXA Spectrum Analyzer	Keysight	N9010A	MY55370528	10Hz-44G,MAX 30dB	Oct. 10, 2023	Apr. 04, 2024	Oct. 09, 2024	Radiation (03CH02-KS)
Bilog Antenna	TeseQ	CBL6111D	44483	30MHz-1GHz	Dec. 21, 2023	Apr. 04, 2024	Dec. 20, 2024	Radiation (03CH02-KS)
Double Ridge Horn Antenna	ETS-Lindgren	3117	75957	1GHz~18GHz	Nov. 23, 2023	Apr. 04, 2024	Nov. 22, 2024	Radiation (03CH02-KS)
SHF-EHF Horn	Com-power	AH-840	101070	18GHz~40GHz	Jan. 05, 2024	Apr. 04, 2024	Jan. 04, 2025	Radiation (03CH02-KS)
Amplifier	EM	EM18G40GGA	060852	18~40GHz	Jan. 05, 2024	Apr. 04, 2024	Jan. 04, 2025	Radiation (03CH02-KS)
Amplifier	SONOMA	310N	380826	9KHz-1GHz	Jul. 06, 2023	Apr. 04, 2024	Jul. 05, 2024	Radiation (03CH02-KS)
Amplifier	EM	EM01G18G	060806	1GHz~18GHz	Oct. 10, 2023	Apr. 04, 2024	Oct. 09, 2024	Radiation (03CH02-KS)
AC Power Source	Chroma	61601	61601000247 3	N/A	NCR	Apr. 04, 2024	NCR	Radiation (03CH02-KS)
Turn Table	MF	MF7802	N/A	0~360 degree	NCR	Apr. 04, 2024	NCR	Radiation (03CH02-KS)
Antenna Mast	MF	MF7802	N/A	1 m~4 m	NCR	Apr. 04, 2024	NCR	Radiation (03CH02-KS)
EMI Receiver	R&S	ESCI7	100768	9kHz~7GHz;	May 16, 2023	Apr. 04, 2024	May 15, 2024	Conduction (CO01-KS)
AC LISN (for auxiliary equipment)	MessTec	AN3016	060103	9kHz~30MHz	Oct. 11, 2023	Apr. 04, 2024	Oct. 10, 2024	Conduction (CO01-KS)
AC LISN	MessTec	AN3016	060105	9kHz~30MHz	May 16, 2023	Apr. 04, 2024	May 15, 2024	Conduction (CO01-KS)
AC Power Source	Chroma	61602	ABP0000008 11	AC 0V~300V, 45Hz~1000Hz	Oct. 11, 2023	Apr. 04, 2024	Oct. 10, 2024	Conduction (CO01-KS)

NCR: No Calibration Required



5. Measurement Uncertainty

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

Measuring Uncertainty for a Level of Confidence	2 94 dB
of 95% (U = 2Uc(y))	2.84 UB

Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	6.04 dB
--	---------

Uncertainty of Radiated Emission Measurement (1000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence	5.16 dB	
of 95% (U = 2Uc(y))	5.10 dB	

Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	4.96 dB

----- THE END ------