FCC 47 CFR PART 15 SUBPART C (CLASS II PERMISSIVE CHANGE) & INDUSTRY CANADA RSS-210 (CLASS I PERMISSIVE CHANGE)

TEST REPORT

For

Connected Digital Recorder

Model No.: N702, N702B, CAMPro US, SafetyCam Pro

Brand Name: MiTAC, Mio, MAGELLAN, Navman, SMARTER AI, Webfleet, Azuga

Issued to

FCC: Mitac Digital Technology Corporation
4F., No. 1, R&D Road 2, Hsinchu Science Park, Hsinchu 30076 Taiwan
IC: MiTAC Digital Technology Corporation
4F., No. 1, R&D Road 2, Hsinchu Science Park, Hsinchu 30076 Taiwan

Issued by

Compliance Certification Services Inc.
Wugu Laboratory
No.11, Wugong 6th Rd., Wugu Dist.,
New Taipei City, Taiwan.
Issued Date: August 29, 2024

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
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Revision History

Rev.	Issue Date	Revisions	Effect Page	Revised By
00	July 31, 2024	Initial Issue	ALL	Peggy Tsai
01	August 14, 2024	See the following Note Rev. (01)	P. 10	Peggy Tsai
02	August 26, 2024	See the following Note Rev. (02)	P.6	Peggy Tsai
03	August 27, 2024	See the following Note Rev. (03)	P.5, 6, 10	Peggy Tsai
04	August 29, 2024	See the following Note Rev. (04)	P.1, 7, 21	Peggy Tsai

Note:
Rev. (01)
1 Modify the worst mode of measurement in section 3.4.1.
Rev. (02)
1. Add Class IV Permissive Change in section 1.1.
Rev. (03)
1. Modify PMN and Class II Permissive Change in section 2.1.
2. Modify Remark in section 3.4.1.
Rev. (04)
1. Add Class I Permissive Change in section 1.1.
2. Modify fundamental and radiated emissions in section 7.1.

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TABLE OF CONTENTS

1. TEST RESULT CERTIFICATION 4
2. EUT DESCRIPTION 5
2.1 EUT INFORMATION 5
2.2 ANTENNA INFORMATION 8
3. TEST METHODOLOGY 9
3.1 EUT CONFIGURATION 9
3.2 FCC PART 15.205 RESTRICTED BANDS OF OPERATIONS 9
3.3 RSS GEN SECTION 8.10 RESTRICTED BANDS OF OPERATIONS 10
3.4 DESCRIPTION OF TEST MODES 11
4. TEST SUMMARY 12
5. INSTRUMENT CALIBRATION 13
5.1 MEASURING INSTRUMENT CALIBRATION 13
5.2 MEASUREMENT EQUIPMENT USED 13
5.3 MEASUREMENT UNCERTAINTY 14
5.4 FACILITIES AND TEST LOCATION 14
6. SETUP OF EQUIPMENT UNDER TEST 15
6.1 SUPPORT EQUIPMENT 15
6.2 TEST SETUP DIAGRAM 16
6.3 TEST PROGRAM 16
7. FCC PART 15.225 REQUIREMENTS & RSS-210 REQUIREMENTS 17
7.1 FUNDAMENTAL AND RADIATED EMISSIONS 17
APPENDIX A PHOTOGRAPHS OF TEST SETUP A-1

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1. TEST RESULT CERTIFICATION

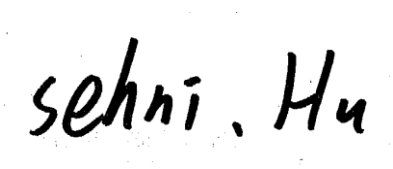
FCC Applicant:	Mitac Digital Technology Corporation 4F., No. 1, R&D Road 2, Hsinchu Science Park, Hsinchu 30076 Taiwan
FCC Manufacturer:	MITAC COMPUTER (KUNSHAN) CO., LTD. No. 269, 2nd Avenue, District A, Comprehensive Free Trade Zone, Kunshan, Jiangsu, P.R. China
IC Applicant:	MiTAC Digital Technology Corporation 4F., No. 1, R&D Road 2, Hsinchu Science Park, Hsinchu 30076 Taiwan
IC Manufacturer:	MITAC COMPUTER (KUNSHAN) CO., LTD. No. 269, 2nd Rd, Export Processing Zone Changjiang South Road Kushan, Jiangsu China (Peoples Republic Of)
Equipment Under Test:	Connected Digital Recorder
Brand Name:	MiTAC, Mio, MAGELLAN, Navman, SMARTER AI, Webfleet, Azuga
Model No.:	N702, N702B, CAMPro US, SafetyCam Pro

APPLICABLE STANDARDS	
STANDARD	**TEST RESULT**
FCC 47 CFR Part 15 Subpart C& RSS-210 Issue 10 and RSS-GEN Issue 5	Compliance
Statements of Conformity	
Determination of compliance is based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.	

We hereby certify that:

The above equipment was tested by Compliance Certification Services Inc. The test data, data evaluation, test procedures, and equipment configurations shown in this report were made in accordance with the procedures given in ANSI C63.10: 2013 and the energy emitted by the sample tested as described in this report is in compliance with the requirements of FCC Rules Part 15.225.
The test results of this report relate only to the tested sample identified in this report.

Approved by:



Sehni Hu
Supervisor

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2. EUT DESCRIPTION

2.1 EUT INFORMATION

Equipment	Connected Digital Recorder
Model Name	N702, N702B, CAMPro US, SafetyCam Pro
Model Discrepancy	Difference of the those model number / trademarks (list on this report) are just for marketing purpose only.
Brand Name	MiTAC, Mio, MAGELLAN, Navman, SMARTER AI, Webfleet, Azuga
Received Date	May 31, 2024
Date of Test	July 12, 2024
Power Supply	Power from power supply. (DC 12~24V)
Frequency Range	13.56MHz
Modulation Technique	ASK
Number of Channels	1 Channel
Antenna Requirement	Antenna type: FPC Antenna
PMN	Connected Digital Recorder
EUT Serial #	HDR2CE00
HW Version	R03
SW Version	R01

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<table>
<tr>
<td>Class II Permissive Change</td>
<td>This is to request for a Re-Assessment (Modification) of the Model Name: N702, FCC ID: P4Q-N702.
1. The intention of this application is due to volume of speaker is not loud enough, therefore MiTAC modify speaker to large dimension to increase better experience.
MiTAC also add new model and trade mark list as below
<table>
<tr><td>Brand Name</td><td>MiTAC, Mio, MAGELLAN, Navman, SMARTER AI, Webfleet, Azuga</td></tr>
<tr><td>Added Models</td><td>N702, N702B, CAMPro US, SafetyCam Pro</td></tr>
</table>
All models are electrically identical (Include: circuitry, components, layout, antenna type and gain, enclosure), different model names are for marketing purpose only.
2. Adding the following accessories and cables.
(1) A60 Camera
(2) Panic button
(3) AE-CM30HB (TVI camera)
(4) AE-CH11A (TVI camera)
(5) ODB Transfer Cable
(6) Open wire power cable
(7) 12V TVI cable
(8) OBDII power cable for 12V TVI cable
(9) Hardwire power cable for 12V TVI cable
(10) Clean installation V.2 cable
(11) A60 Power cable
(12) Mini USB Relay
3. Update HW version to R03.</td>
</tr>
</table>

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<table>
<tr>
<td>Class I Permissive Change</td>
<td>This is to request for a Re-Assessment (Modification) of the Model Name: N702, IC Certification No: 2420C-N702.
1. The intention of this application is due to volume of speaker is not loud enough, therefore MiTAC modify speaker to large dimension to increase better experience.
MiTAC also add new model and trade mark list as below
<table>
<tr><td>Brand Name</td><td>MiTAC, Mio, MAGELLAN, Navman, SMARTER AI, Webfleet, Azuga</td></tr>
<tr><td>Added Models</td><td>N702, N702B, CAMPro US, SafetyCam Pro</td></tr>
</table>
All models are electrically identical (Include: circuitry, components, layout, antenna type and gain, enclosure), different model names are for marketing purpose only.
2. Adding the following accessories and cables.
(1) A60 Camera
(2) Panic button
(3) AE-CM30HB (TVI camera)
(4) AE-CH11A (TVI camera)
(5) ODB Transfer Cable
(6) Open wire power cable
(7) 12V TVI cable
(8) OBDII power cable for 12V TVI cable
(9) Hardwire power cable for 12V TVI cable
(10) Clean installation V.2 cable
(11) A60 Power cable
(12) Mini USB Relay
3. Update HW version to R03.</td>
</tr>
</table>

Remark:

1. For more details, please refer to the User's manual of the EUT.
2. Disclaimer: Antenna information is provided by the applicant, test results of this report are applicable to the sample EUT received.
3. Disclaimer: Variant information between/among model numbers / trademarks is provided by the applicant, test results of this report are applicable to the sample EUT received of main test model name.

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2.2 ANTENNA INFORMATION

Antenna Specification	☐ PIFA ☐ PCB ☐ Dipole ☐ Coils ☒ FPC
Antenna Gain	Gain: N/A dBi
Antenna connector	MHF

Notes:
1.The antenna(s) of the EUT are permanently attached and there are no provisions for connection to an external antenna. So the EUT complies with the requirements of §15.203 and RSS-Gen 6.8.

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3. TEST METHODOLOGY

The tests documented in this report were performed in accordance with ANSI C63.10: 2013 and FCC CFR 47 Part 15.207, 15.209, 15.225.

The tests documented in this report were performed in accordance with IC RSS-210, IC RSS-Gen, and ANSI C63.10: 2013

3.1 EUT CONFIGURATION

The EUT configuration for testing is installed on RF field strength measurement to meet the Commissions requirement and operating in a manner that intends to maximize its emission characteristics in a continuous normal application.

3.2 FCC PART 15.205 RESTRICTED BANDS OF OPERATIONS

(a) Except as shown in paragraph (d) of this section, only spurious emissions are permitted in any of the frequency bands listed below:

MHz	MHz	MHz	GHz
0.090 - 0.110	16.42 - 16.423	399.9 - 410	4.5 - 5.15
[1]0.495 - 0.505	16.69475 - 16.69525	608 - 614	5.35 - 5.46
2.1735 - 2.1905	16.80425 - 16.80475	960 - 1240	7.25 - 7.75
4.125 - 4.128	25.5 - 25.67	1300 - 1427	8.025 - 8.5
4.17725 - 4.17775	37.5 - 38.25	1435 - 1626.5	9.0 - 9.2
4.20725 - 4.20775	73 - 74.6	1645.5 - 1646.5	9.3 - 9.5
6.215 - 6.218	74.8 - 75.2	1660 - 1710	10.6 - 12.7
6.26775 - 6.26825	108 - 121.94	1718.8 - 1722.2	13.25 - 13.4
6.31175 - 6.31225	123 - 138	2200 - 2300	14.47 - 14.5
8.291 - 8.294	149.9 - 150.05	2310 - 2390	15.35 - 16.2
8.362 - 8.366	156.52475 -	2483.5 - 2500	17.7 - 21.4
8.37625 - 8.38675	156.52525	2655 - 2900	22.01 - 23.12
8.41425 - 8.41475	156.7 - 156.9	3260 - 3267	23.6 - 24.0
12.29 - 12.293	162.0125 - 167.17	3332 - 3339	31.2 - 31.8
12.51975 - 12.52025	167.72 - 173.2	3345.8 - 3358	36.43 - 36.5
12.57675 - 12.57725	240 - 285	3600 - 4400	([2])
13.36 - 13.41	322 - 335.4		

[1] Until February 1, 1999, this restricted band shall be 0.490-0.510 MHz.
[2] Above 38.6

(b) Except as provided in paragraphs (d) and (e), the field strength of emissions appearing within these frequency bands shall not exceed the limits shown in Section 15.209. At frequencies equal to or less than 1000 MHz, compliance with the limits in Section 15.209 shall be demonstrated using measurement instrumentation employing a CISPR quasi-peak detector. Above 1000 MHz, compliance with the emission limits in Section 15.209 shall be demonstrated based on the average value of the measured emissions. The provisions in Section 15.35 apply to these measurements.

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3.3 RSS GEN SECTION 8.10 RESTRICTED BANDS OF OPERATIONS

Restricted frequency bands, identified in table 7, are designated primarily for safety-of-life services (distress calling and certain aeronautical activities), certain satellite downlinks, radio astronomy and some government uses. Except where otherwise indicated, the following conditions related to the restricted frequency bands apply:

(a) The transmit frequency, including fundamental components of modulation, of licence-exempt radio apparatus shall not fall within the restricted frequency bands listed in table 7 except for apparatus compliant with RSS-287, Emergency Position Indicating Radio Beacons (EPIRB), Emergency Locator Transmitters (ELT), Personal Locator Beacons (PLB), and Maritime Survivor Locator Devices (MSLD).

(b) Unwanted emissions that fall into restricted frequency bands listed in table 7 shall comply with the limits specified in table 5 and table 6.

(c) Unwanted emissions that do not fall within the restricted frequency bands listed in table 7 shall comply either with the limits specified in the applicable RSS or with those specified in table 5 and table 6.

Table 7 – Restricted frequency bands Note 1

MHz	MHz	MHz	GHz
0.090 - 0.110	16.42 - 16.423	608 - 614	9.0 - 9.2
0.495 - 0.505	16.69475 - 16.69525	960 - 1427	9.3 - 9.5
2.1735 - 2.1905	16.80425 - 16.80475	1435 - 1626.5	10.6 - 12.7
3.020 - 3.026	25.5 - 25.67	1645.5 - 1646.5	13.25 - 13.4
4.125 - 4.128	37.5 - 38.25	1660 - 1710	14.47 - 14.5
4.17725 - 4.17775	73 - 74.6	1718.8 - 1722.2	15.35 - 16.2
4.20725 - 4.20775	74.8 - 75.2	2200 - 2300	17.7 - 21.4
5.677 – 5.683	108 – 138	2310 - 2390	22.01 - 23.12
6.215 - 6.218	149.9 - 150.05	2483.5 - 2500	23.6 - 24.0
6.26775 - 6.26825	156.52475 -	2655 - 2900	31.2 - 31.8
6.31175 - 6.31225	156.52525	3260 – 3267	36.43 - 36.5
8.291 - 8.294	156.7 - 156.9	3332 - 3339	Above 38.6
8.362 - 8.366	162.0125 - 167.17	3345.8 - 3358	
8.37625 - 8.38675	167.72 - 173.2	3500 – 4400	
8.41425 - 8.41475	240 – 285	4500 - 5150	
12.29 - 12.293	322 - 335.4	5350 - 5460	
12.51975 - 12.52025	399.9 - 410	7250 - 7750	
12.57675 - 12.57725		8025 – 8500	
13.36 - 13.41			

Note 1: Certain frequency bands listed in table 7 and in bands above 38.6 GHz are designated for licence-exempt applications. These frequency bands and the requirements that apply to related devices are set out in the 200 and 300 series of RSSs.

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3.4 DESCRIPTION OF TEST MODES

The EUT had been tested under engineering test mode condition and the EUT staying in continuous transmitting mode.

All modes and data rates were investigated and it was determined that ISO 14443A/B and ISO 18092 Type y, 106/212/424/848 kbps.

All data rates were investigated and it was determined that 106 Kbps was considered worst-case. Therefore, all testing was performed in 106 Kbps mode.

3.4.1 The worst mode of measurement

Radiated Emission Measurement Below 1G	
Test Condition	**Radiated Emission Below 1G**
Power supply Mode	**Mode 1: EUT power by Power supply (SD+12V TVI cable+OBDII power cable for 12V TVI cable+ Panic button +ODB Transfer Cable+AE-CH11A (TVI camera)+ AE-CM30HB (TVI camera))** **Mode2: EUT power by Power supply (SD+12V TVI cable+ Hardwire power cable for 12V TVI cable+ Panic button +ODB Transfer Cable+AE-CH11A (TVI camera)+ AE-CM30HB (TVI camera))** **Mode 3: EUT power by Power supply (SD+Mini USB Relay+A60 Camera+ A60 power cable+ Open wire power cable+ Panic button)** **Mode 4: EUT power by Power supply (SD+Mini USB Relay+A60 Camera+ A60 power cable+ Clean installation V.2 cable + ODB Transfer Cable + Panic button)**
Worst Mode	☒ **Mode 1** ☐ **Mode 2** ☐ **Mode 3** ☐ **Mode 4**

Remark:
1. The worst mode was record in this test report.
2. EUT pre-scanned in three axis ,X,Y, Z and two polarity, for radiated measurement. The worst case(Y-Plane) were recorded in this report
3. The device supports 12V or 24V. The original ID has been fully evaluated as 12V as the worst mode. In this accessory combination, 12V is used as the worst mode evaluation.
4. Variations between models/brands are evaluated by laboratories and the test results reported here apply to the worst model: N702B.

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4. TEST SUMMARY

FCC Standard Sec.	IC Standard Sec.	Chapter	Test Item	Result
15.203	RSS-GEN Sec. 6.8	2.2	Antenna Requirement	Pass
15.225 (a,b,c,d) 15.209 15.205	Sec B.6, a RSS-GEN Sec 8.9 / 8.10	8.1	Radiated Emissions	Pass

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5. INSTRUMENT CALIBRATION

5.1 MEASURING INSTRUMENT CALIBRATION

The measuring equipment, which was utilized in performing the tests documented herein, has been calibrated in accordance with the manufacturer's recommendations for utilizing calibration equipment, which is traceable to recognized national standards.

5.2 MEASUREMENT EQUIPMENT USED

Equipment Used for Emissions Measurement

966A_Radiated_30M~1G					
Name of Equipment	**Manufacturer**	**Model**	**Serial Number**	**Calibration Date**	**Calibration Due**
Signal Analyzer	KEYSIGHT	N9010A	MY52220817	2024-03-15	2025-03-14
Thermo-Hygro Meter	WISEWIND	1206	D07	2023-12-07	2024-12-06
Active Loop Antenna	SCHWARZBECK	FMZB 1513-60	1513-60-028	2023-12-13	2024-12-12
Bi-Log Antenna	Sunol Sciences	JB1	A052609	2024-02-02	2025-02-01
Preamplifier	EMEC	EM330	060609	2024-02-21	2025-02-20
Cable	Huber+Suhner	104PEA	20995+21000+182330	2024-02-21	2025-02-20
Turn Table	CCS	CC-T-1F	N/A	N.C.R	N.C.R
Controller	CCS	CC-C-1F	N/A	N.C.R	N.C.R
Antenna Tower	CCS	CC-A-1F	N/A	N.C.R	N.C.R
Software	e3 V9-210616c				

Remark:
1. Each piece of equipment is scheduled for calibration once a year.
2. N.C.R. = No Calibration Required.

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5.3 MEASUREMENT UNCERTAINTY

PARAMETER	UNCERTAINTY
Radiated Emission_9kHz-30MHz	± 3.761 dB
Radiated Emission_30MHz-200MHz	± 3.473 dB
Radiated Emission_200MHz-1GHz	± 3.946 dB

Remark: This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

5.4 FACILITIES AND TEST LOCATION

All measurement facilities used to collect the measurement data are located at No.11, Wugong 6th Rd., Wugu Dist., New Taipei City, Taiwan.
CAB identifier: TW1309

Test site	Test Engineer	Remark
Radiation	Ray Li	-

Remark: The lab has been recognized as the FCC accredited lab. under the KDB 974614 D01 and is listed in the FCC pubic Access Link (PAL) database, FCC Registration No. :444940, the FCC Designation No.:TW1309

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6. SETUP OF EQUIPMENT UNDER TEST

6.1 SUPPORT EQUIPMENT

EUT Accessories Equipment						
No.	**Equipment**	**Brand**	**Model**	**Series No.**	**FCC ID**	**IC**
	N/A					

Support Equipment (RSE)						
No.	**Equipment**	**Brand**	**Model**	**Series No.**	**FCC ID**	**IC**
1	NB(D)	Lenovo	ThinkPad X260	N/A	N/A	N/A
2	Adapter	Lenovo	ADLX45DLC3A	N/A	N/A	N/A
3	Power Supply	ABM	9603D	D011314	N/A	N/A
4	Cable TypeA to TypeC	Silicon-Power	SP BOOST LINK LK10AC	N/A	N/A	N/A
5	DC Cable	MISUMI	MCR3S-RE	N/A	N/A	N/A
A	Micro SD Card	SP	N/A	N/A	N/A	N/A
B	Micro SD Card	SP	N/A	N/A	N/A	N/A
C	12V TVI cable	N/A	N/A	N/A	N/A	N/A
D	OBDII power cable for 12V TVI cable	N/A	N/A	N/A	N/A	N/A
E	Panic button	N/A	Panic button	N/A	N/A	N/A
F	ODB Transfer Cable	N/A	ODB Transfer Cable	N/A	N/A	N/A
G	AE-CH11A (TVI camera)	N/A	AE-CH11A	N/A	N/A	N/A
H	AE-CM30HB (TVI camera)	N/A	AE-CM30HB	N/A	N/A	N/A

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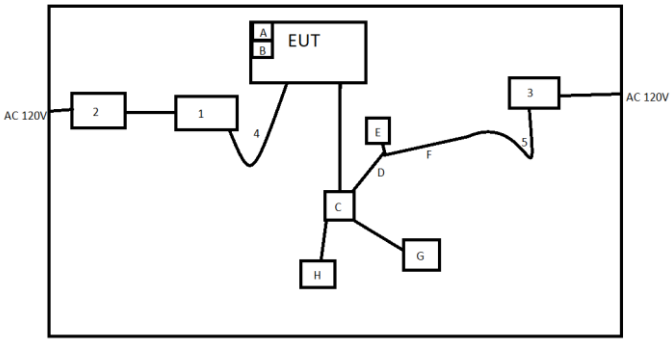
6.2 TEST SETUP DIAGRAM

RSE:



6.3 TEST PROGRAM

This EUT uses sensor card to continuously transmit.

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7. FCC PART 15.225 REQUIREMENTS & RSS-210 REQUIREMENTS

7.1 FUNDAMENTAL AND RADIATED EMISSIONS

LIMIT

According to §15.225

(a) The field strength of any emissions within the band 13.553 – 13.567 MHz shall not exceed 15,848 microvolts / meter at 30 meters.
(b) Within the bands 13.410 – 13.553 MHz and 13.567 -13.710 MHz, the field strength of any emissions shall not exceed 334 microvolts / meter at 30 meters.
(c) Within the bands 13.110 – 13.410 MHz and 13.710 – 14.010 MHz the field strength of any emissions shall not exceed 106 microvolts / meter at 30 meters.
(d) The field strength of any emissions appearing outside of the 13.110 – 14.010 MHz and shall not exceed the general radiated emission limits in §15.209.

According to §15.225, except as provided elsewhere in this Subpart, the emissions from an intentional radiator shall not exceed the field strength levels specified in the following table:

Frequency (MHz)	Field Strength (μV/m at meter)	Measurement Distance (meter)
0.009 – 0.490	2400 / F (kHz)	300
0.490 – 1.705	24000 / F (kHz)	30
1.705 – 30.0	30	30
30 - 88	100**	3
88-216	150**	3
216-960	200**	3
Above 960	500	3

** Except as provided in paragraph (g), fundamental emissions from intentional radiators operating under this Section shall not be located in the frequency bands 54-72 MHz, 76-88 MHz, 174-216 MHz or 470-806 MHz. However, operation within these frequency bands is permitted under other sections of this Part, e.g., Sections 15.231 and 15.241.

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According to RSS 210 §B.6

The field strength of any emission shall not exceed the following limits:

(a) 15.848 mV/m (84 dBμV/m) at30 m, within the band 13.553-13.567 MHz;
(b) 334 μV/m (50.5 dBμV/m) at 30 m,within the bands 13.410-13.553 MHz and 13.567‑13.710 MHz;
(c) 106 μV/m (40.5 dBμV/m) at 30 m,within the bands 13.110-13.410 MHz and 13.710‑14.010 MHz; and
(d) RSS-Gen general field strength limits for frequencies outside the band 13.110‑14.010 MHz.

Below 30 MHz

Frequency	Magnetic field strength (H-Field) (μA/m)	Measurement Distance (metres)
9-490 kHz Note 1	6.37/F (F in kHz)	300
490-1,705 kHz	63.7/F (F in kHz)	30
1.705-30 MHz	0.08	30

Note 1: The emission limits for the ranges 9-90 kHz and 110-490 kHz are based on measurements employing a linear average detector.

Above 30 MHz

Frequency	Field strength (μV/m at 3 m)
30-88	100
88-216	150
216-960	200
Above 960	500

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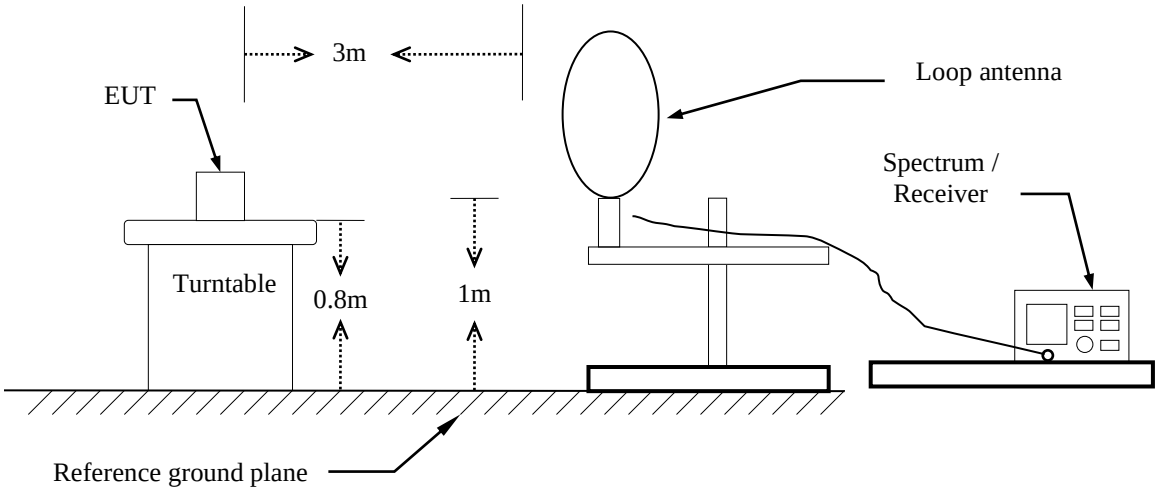
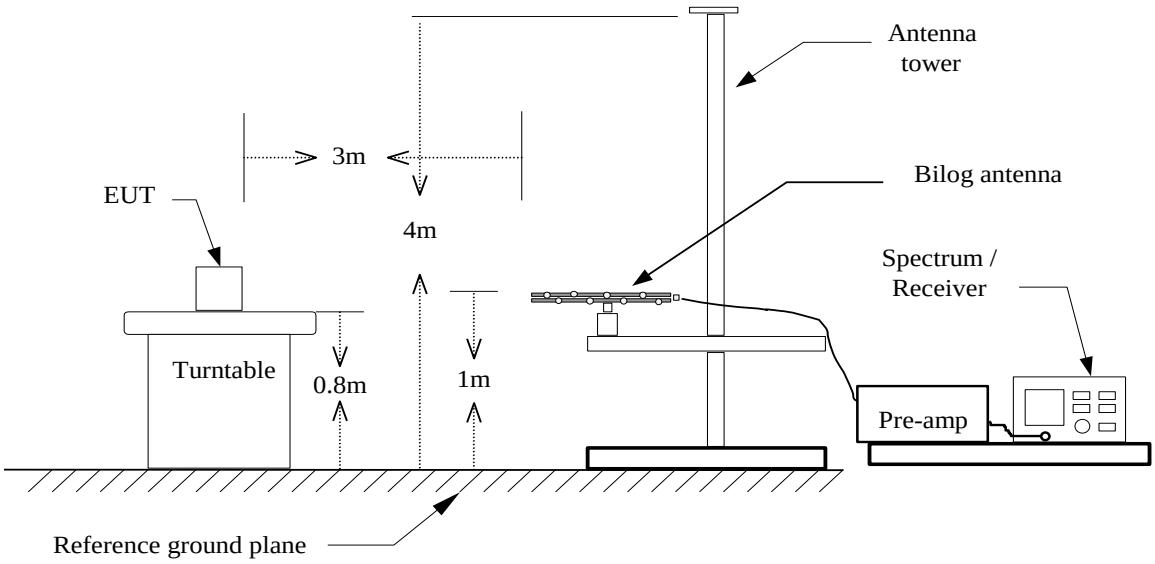
Test Configuration

9kHz ~ 30MHz



30MHz ~ 1GHz



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TEST PROCEDURE

For 9kHz ~ 30MHz

1. The EUT is placed on a turntable, which is 0.8m above ground plane.
2. The turntable shall be rotated for 360 degrees to determine the position of maximum emission level.
3. EUT is set 3m away from the receiving antenna, The center of the loop shall be 1 m above the ground then to find out the highest emissions.
4. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
5. Set the spectrum analyzer in the following setting as:
   9KHz-490KHz : RBW=200Hz / VBW=1kHz / Sweep=AUTO
   490KHz-30MHz : RBW=10kHz / VBW=30kHz / Sweep=AUTO
6. Repeat above procedures until the measurements for all frequencies are complete.

For 30MHz ~ 1GHz

1. The EUT is placed on a turntable, which is 0.8m above ground plane.
2. The turntable shall be rotated for 360 degrees to determine the position of maximum emission level.
3. EUT is set 3m away from the receiving antenna, which is varied from 1m to find out the highest emissions.
4. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
5. And also, each emission was to be maximized by changing the polarization of receiving
   antenna both horizontal and vertical.
6. Set the spectrum analyzer in the following setting as:
   RBW=100kHz / VBW=300kHz / Sweep=AUTO
7. Repeat above procedures until the measurements for all frequencies are complete.

Remark :

Although these tests were performed other than open area test site, adequate comparison measurements were confirmed against 30 m open are test site. Therefore sufficient tests were made to demonstrate that the alternative site produces results that correlate with the ones of tests made in an open field based on KDB 414788.

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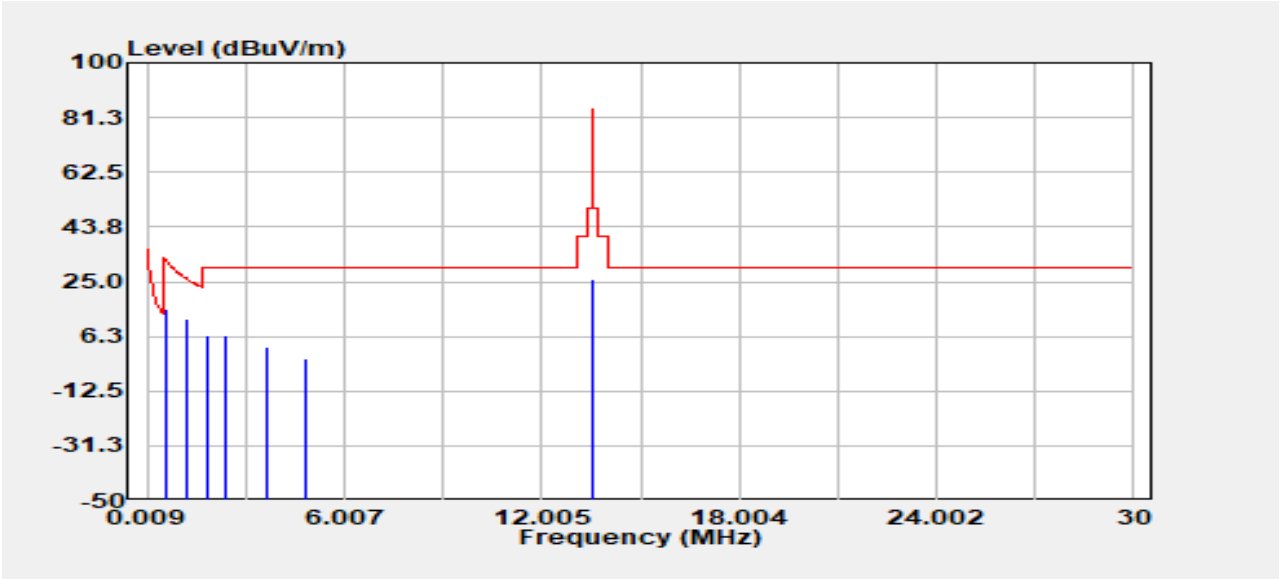
9kHz ~ 30MHz

Project No	:TM-2405000397P	Test Date	:2024-07-12
Operation Band	:NFC	Temp./Humi.	:23.9/55
Frequency	:13.56 MHz	Antenna Pol.	:HORIZONTAL
Operation Mode	:TX	Engineer	:Ray.Li
EUT Pol	:E1	Test Chamber	: 966A
Setting	:		



Freq.	Detector Mode	Spectrum Read Level @3m	Factor @3m	Actual FS @3m	Factor @30m&300m	Actual FS @30m&300m	Limit	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dB	dBµV/m	dBµV/m	dB
0.604	Peak	36.15	19.53	55.68	-40.00	15.68	31.99	-16.31
1.207	Peak	32.73	19.63	52.36	-40.00	12.36	25.97	-13.62
1.810	Peak	26.81	19.64	46.45	-40.00	6.45	29.54	-23.09
2.413	Peak	26.93	19.65	46.58	-40.00	6.58	29.54	-22.96
3.619	Peak	22.67	19.75	42.42	-40.00	2.42	29.54	-27.12
4.819	Peak	18.89	19.94	38.83	-40.00	-1.17	29.54	-30.71

Remark:

1. 9kHz to 490kHz Limit(@3m) = 2400(F/kHz)
   490kHz to 1.705MHz Limit (@3m) = 2400(F/kHz)
   1.705MHz to 30MHz Limit (@3m) = 29.54
2. Distance factor=40log(300m/3m)@9-490kHz ; 40log(30m/3m)@490kHz-30MHz
3. Result=Read level+Factor@3m-Distance factor
4. Margin=Actual FS-Limit

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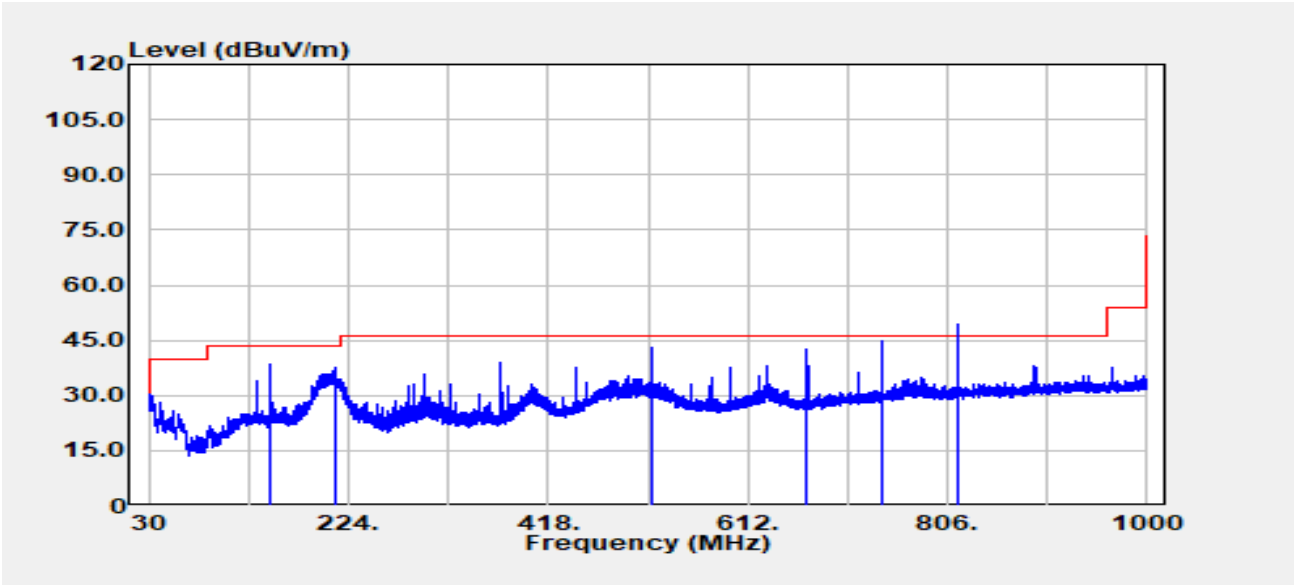
30MHz ~ 1GHz

Project No	:TM-2405000397P	Test Date	:2024-07-12
Operation Band	:NFC	Temp./Humi.	:23.9/55
Frequency	:13.56 MHz	Antenna Pol.	:VERTICAL
Operation Mode	:TX	Engineer	:Ray.Li
EUT Pol	:E1	Test Chamber	: 966A
Setting	:		



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBµV	Factor dB	Actual FS dBµV/m	Limit dBµV/m	Margin dB
148.50	Peak	48.89	-10.43	38.46	43.50	-5.04
212.30	Peak	49.31	-11.75	37.56	43.50	-5.94
519.70	Peak	45.55	-2.75	42.80	46.00	-3.20
668.20	Peak	42.69	-0.32	42.37	46.00	-3.63
742.50	Peak	43.72	1.17	44.89	46.00	-1.11
816.80	QP	42.74	2.54	45.28	46.00	-0.72

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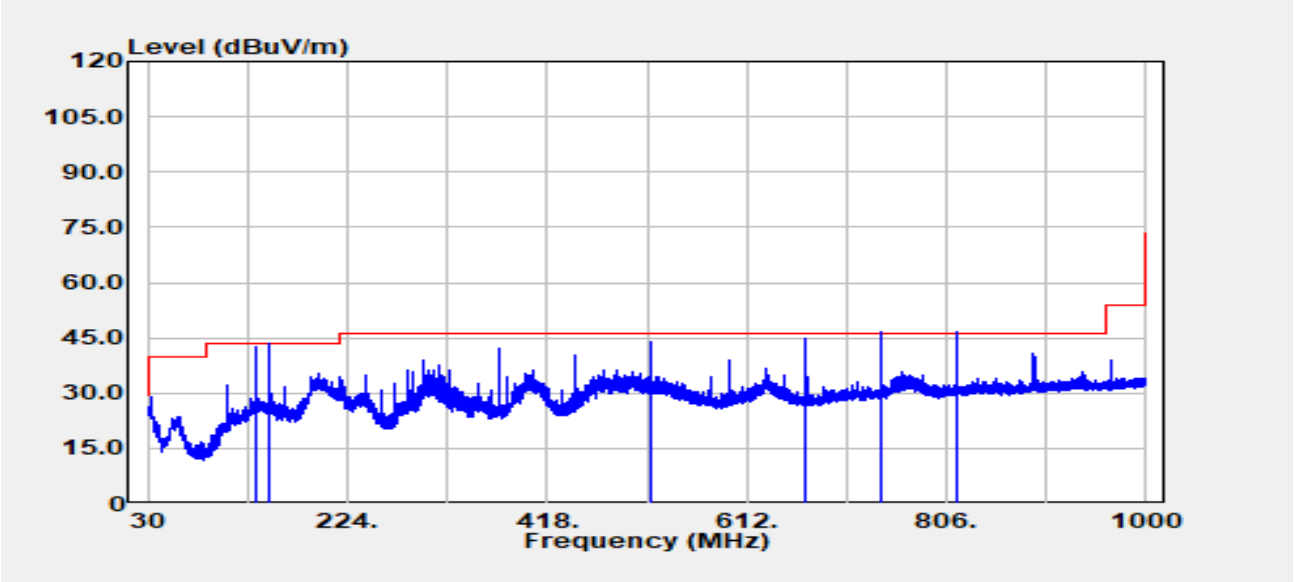
Project No	:TM-2405000397P	Test Date	:2024-07-12
Operation Band	:NFC	Temp./Humi.	:23.9/55
Frequency	:13.56 MHz	Antenna Pol.	:HORIZONTAL
Operation Mode	:TX	Engineer	:Ray.Li
EUT Pol	:E1	Test Chamber	: 966A
Setting	:		



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBµV	Factor dB	Actual FS dBµV/m	Limit dBµV/m	Margin dB
135.00	Peak	51.49	-9.14	42.35	43.50	-1.15
148.50	QP	51.90	-10.43	41.47	43.50	-2.03
519.80	Peak	46.90	-2.75	44.15	46.00	-1.85
668.30	Peak	45.08	-0.32	44.76	46.00	-1.24
742.50	QP	43.27	1.17	44.44	46.00	-1.56
816.80	QP	41.95	2.54	44.49	46.00	-1.51

- End of Test Report -

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