



Project No.: TM-2512000051P
Report No.: TMWK2512005517KS

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Ref. No.: TMWK2508003543KS

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RF Exposure Evaluation Report

FCC 47 CFR § 2.1091

for

Connected Digital Recorder

Model Name.: N702, N702B, CAMPro US, SafetyCam Pro

Prepared for:

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Prepared by

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Issue Date: February 6, 2026**

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Revision History

Rev.	Issue Date	Revisions	Effect Page	Revised By
00	February 6, 2026	Initial Issue	ALL	Peggy Tsai

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1 Attestation of Test Results

Applicant Name	Mitac Digital Technology Corporation
Model Name	N702, N702B, CAMPro US, SafetyCam Pro
Applicable Standards	FCC 47 CFR § 2.1091 FCC 47 CFR § 1.1310 Published RF exposure KDB procedures
Receive EUT Date:	December 10, 2025
Date of Test:	January 19, 2026
Compliance Certification Services Inc. , tested the above equipment in accordance with the requirements set forth in the above standards. Determination of compliance is based on the results of the compliance measurement,not taking into account measurement instrumentation uncertainty.All indications of Pass/Fail in this report are opinions expressed by Compliance Certification Services Inc, based on interpretations and/or observations of test results. The test results show that the equipment tested is capable of demonstrating compliance with the requirements as documented in this report.	
Approved & Released By:	Tested by:
	
Sky Zhou Asst. Section Manager Compliance Certification Services Inc.	KW Huang Engineer Compliance Certification Services Inc.



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2 Test Specification, Methods and Procedures

The tests documented in this report were performed in accordance with FCC 47 CFR § 2.1091, the following FCC Published RF exposure [KDB](#) procedures:

- 447498 D04 Interim General RF Exposure Guidance v01
- 865664 D02 RF Exposure Reporting v01r02

3 Device Under Test (DUT) Information

3.1 DUT Description

Product	Connected Digital Recorder
Trade Name	MiTAC, Mio, MAGELLAN, Navman, SMARTER AI, Webfleet, Azuga, Geotab, Surecam
Model No.	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.
Hardware Version	R03
Software Version	R01
PMN	Connected Digital Recorder, Smarter AI Dashcam Pro North America, GO Focus Pro
Sample Stage	Identical prototype

3.2 Wireless Technologies

Frequency bands	☒ Bluetooth: 2402MHz ~ 2480MHz ☒ 802.11b/g/n HT20: 2412 MHz ~ 2462 MHz ☒ 802.11n HT40: 2422 MHz ~ 2452MHz ☒ 802.11a/n HT20: 5180MHz ~ 5240MHz / 5745MHz ~ 5825MHz ☒ 802.11n HT40: 5190MHz ~ 5230MHz / 5755MHz ~ 5795MHz ☒ 802.11ac VHT80: 5210MHz / 5775MHz ☒ 13.56MHz ☒ WCDMA Band II: 1852.4MHz ~ 1907.6MHz ☒ WCDMA Band IV: 1712.4MHz ~ 1752.6MHz ☒ WCDMA Band V: 826.4MHz ~ 846.6MHz ☒ LTE Band 2: 1850.0MHz ~ 1910.0MHz ☒ LTE Band 4: 1710.0MHz ~ 1755.0MHz ☒ LTE Band 5: 824.0MHz ~ 849.0MHz ☒ LTE Band 12: 704.0MHz ~ 716.0MHz ☒ LTE Band 13: 777 MHz ~ 787 MHz ☒ LTE Band 14: 788 MHz ~ 798 MHz ☒ LTE Band 66: 1710 MHz ~ 1780 MHz ☒ LTE Band 71: 663 MHz ~ 698 MHz ☐ Others
Exposure classification	☐ Occupational/Controlled exposure ☒ General Population/Uncontrolled exposure

Antenna Specification	Dipole Antenna			
	WIFI 2.4GHz & Bluetooth: Gain: 4.2 dBi			
	WIFI 5GHz:			
	5150~5250 MHz, Gain: 2.8 dBi			
	5725~5850 MHz, Gain: 3.3 dBi			
	Bluetooth	Gain :	4.20 dBi (Numeric gain: 2.63)	Worst
	WIFI 2.4GHz	Gain :	4.20 dBi (Numeric gain: 2.63)	Worst
	WIFI 5GHz	Gain :	3.30 dBi (Numeric gain: 2.14)	Worst
	13.56MHz: Loop Antenna / Gain: N/A dBi			
	WWAN: Dipole Antenna			
	WCDMA Band II: 5.30 dBi			
	WCDMA Band IV: 5.20 dBi			
	WCDMA Band V: 2.50 dBi			
	LTE Band 2: 5.30 dBi			
	LTE Band 4: 5.20 dBi			
	LTE Band 5: 2.50 dBi			
	LTE Band 12: 1.30 dBi			
	LTE Band 13: 2.60 dBi			
	LTE Band 14: 2.60 dBi			
	LTE Band 66: 5.20 dBi			
	LTE Band 71: 1.30 dBi			
	Gain :	5.30 dBi	(Numeric gain: 3.39)	Worst
	Gain :	5.20 dBi	(Numeric gain: 3.31)	Worst
	Gain :	2.60 dBi	(Numeric gain: 1.82)	Worst
	Gain :	2.50 dBi	(Numeric gain: 1.78)	Worst
	Gain :	1.30 dBi	(Numeric gain: 1.35)	Worst

Maximum Tune up power	BT		11.00 dBm	(12.589 mW)
	BLE		1.00 dBm	(1.259 mW)
	WIFI 2.4GHz (DTS)			
	IEEE 802.11b Mode:		27.00 dBm	(501.187 mW)
	IEEE 802.11g Mode:		25.00 dBm	(316.228 mW)
	IEEE 802.11n HT 20 Mode:		25.00 dBm	(316.228 mW)
	IEEE 802.11n HT 40 Mode:		25.00 dBm	(316.228 mW)
	WIFI 5.2GHz (U-NII 1)			
	IEEE 802.11a		16.50 dBm	(180.506 mW)
	IEEE 802.11n HT 20		16.50 dBm	(173.583 mW)
	IEEE 802.11n HT 40		19.00 dBm	(79.433 mW)
	IEEE 802.11ac VHT 80		14.50 dBm	(28.184 mW)
	WIFI 5.8GHz (U-NII 3)			
	IEEE 802.11a		23.50 dBm	(172.264 mW)
	IEEE 802.11n HT 20		23.00 dBm	(131.963 mW)
	IEEE 802.11n HT 40		22.50 dBm	(278.916 mW)
	IEEE 802.11ac VHT 80		22.50 dBm	(282.370 mW)
	WWAN			
	WCDMA II		25.00 dBm	(316.228 mW)
	WCDMA IV		25.00 dBm	(316.228 mW)
	WCDMA V		25.00 dBm	(316.228 mW)
	LTE Band 2		25.00 dBm	(316.228 mW)
	LTE Band 4		25.00 dBm	(316.228 mW)
	LTE Band 5		25.00 dBm	(316.228 mW)
	LTE Band 12		25.00 dBm	(316.228 mW)
	LTE Band 13		25.00 dBm	(316.228 mW)
	LTE Band 14		25.00 dBm	(316.228 mW)
	LTE Band 66		25.00 dBm	(316.228 mW)
	LTE Band 71		25.00 dBm	(316.228 mW)
Result Power	13.56MHz 54.08 dBuV/m (3m)			

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Class II Permissive Change	1. Added brand name: Surecam. 2. Added PMN: Smarter AI Dashcam Pro North America, GO Focus Pro. 3. The NFC chip IC is changed from NXP NQ310 to NQ410, with the same brand, model series, and specifications as the original.
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Notes:

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: The variant model numbers / trademarks are assessed as identical in hardware and software to each other, hence all variants are fully covered by the test results in this test report without further verification test.
4. Disclaimer: The WWAN tune up power referred the Max Conducted power referred the module report for RF Exposure assessment purpose, the module report was provided by applicant.
5. The tune up power referred the AVG power of the test report TMWK2508003537KR, TMWK2508003538KR, TMWK2508003539KR and TMWK2508003540KR for RF Exposure assessment purpose.
6. The NFC power referred the test report TMWK2512005516KR for RF Exposure assessment purpose.
7. Other Test data is referenced from cross authorization(s) measurement results in the original test report (TMWK2508003544KS) under issue date (November 25, 2025) are fully leveraged in this test report.

4 Measurement Uncertainty

NFC

PARAMETER	UNCERTAINTY
AC Powerline Conducted Emission	$\pm 2.37\text{dB}$
Channel Bandwidth	$\pm 2.85\text{dB}$
Frequency Stability	$\pm 2.74\text{dB}$
Radiated Emission_9kHz-30MHz	$\pm 2.750\text{ dB}$
Radiated Emission_30MHz-200MHz	$\pm 3.874\text{ dB}$
Radiated Emission_200MHz-1GHz	$\pm 4.065\text{ dB}$

5 Maximum Permissible Exposure

5.1 Limits for Maximum Permissible Exposure (MPE)

Table 1 - Limits for Maximum Permissible Exposure (MPE)

Frequency range (MHz)	Electric field strength (V/m)	Magnetic field strength (A/m)	Power density (mW/cm ²)	Averaging time (minutes)
(A) Limits for Occupational/Controlled Exposure				
0.3-3.0	614	1.63	* 100	6
3.0-30	1842/f	4.89/f	* 900/f ²	6
30-300	61.4	0.163	1.0	6
300-1,500			f/300	6
1,500-100,000			5	6
(B) Limits for General Population/Uncontrolled Exposure				
0.3-1.34	614	1.63	* 100	30
1.34-30	824/f	2.19/f	* 180/f ²	30
30-300	27.5	0.073	0.2	30
300-1,500			f/1500	30
<u>1,500-100,000</u>			1.0	30

5.2 MPE Calculation Method

Calculation

Given $E = \frac{\sqrt{30 \times P \times G}}{d}$ & $S = \frac{E^2}{377}$

Where E = Field strength in Volts / meter

P = Power in Watts

G = Numeric antenna gain

d = Distance in meters

S = Power density in milliwatts / square centimeter

Combining equations and re-arranging the terms to express the distance as a function of the remaining variables yields:

$$S = \frac{30 \times P \times G}{377 d^2}$$

Changing to units of mW and cm, using:

$$P \text{ (mW)} = P \text{ (W)} / 1000 \text{ and}$$

$$d \text{ (cm)} = d \text{ (m)} / 100$$

Yields

$$S = \frac{30 \times (P/1000) \times G}{377 \times (d/100)^2} = 0.0796 \times \frac{P \times G}{d^2} \text{ Equation 1}$$

Where d = Distance in cm

P = Power in mW

G = Numeric antenna gain

S = Power density in mW / cm²

If, Substituting the MPE safe distance using d = 20 cm into Equation 1:

$$S = 0.000199 \times P \times G$$

5.3 MPE EXEMPTION

- (A) The available maximum time-averaged power is no more than 1 mW
- (B) The available maximum time-averaged power or effective radiated power (ERP), whichever is greater, is less than or equal to the threshold P_{th} (mW) described in the following formula. This method shall only be used at separation distances (cm) from 0.5 centimeters to 40 centimeters and at frequencies from 0.3 GHz to 6 GHz (inclusive). P_{th} is given by:

$$P_{th} \text{ (mW)} = \begin{cases} ERP_{20 \text{ cm}} (d/20 \text{ cm})^x & d \leq 20 \text{ cm} \\ ERP_{20 \text{ cm}} & 20 \text{ cm} < d \leq 40 \text{ cm} \end{cases}$$

Where

$$x = -\log_{10} \left(\frac{60}{ERP_{20 \text{ cm}} \sqrt{f}} \right) \text{ and } f \text{ is in GHz;}$$

and

$$ERP_{20 \text{ cm}} \text{ (mW)} = \begin{cases} 2040f & 0.3 \text{ GHz} \leq f < 1.5 \text{ GHz} \\ 3060 & 1.5 \text{ GHz} \leq f \leq 6 \text{ GHz} \end{cases}$$

d = the separation distance (cm);

- (C) Using Table 1 and the minimum separation distance (R in meters) from the body of a nearby person for the frequency (f in MHz) at which the source operates, the ERP (watts) is no more than the calculated value prescribed for that frequency. For the exemption in Table 1 to apply, R must be at least $\lambda/2\pi$, where λ is the free-space operating wavelength in meters. If the ERP of a single RF source is not easily obtained, then the available maximum time-averaged power may be used in lieu of ERP if the physical dimensions of the radiating structure(s) do not exceed the electrical length of $\lambda/4$ or if the antenna gain is less than that of a half-wave dipole (1.64 linear value).

Single RF Sources Subject to Routine Environmental Evaluation	
RF Source frequency (MHz)	Threshold ERP (watts)
0.3-1.34	$1,920 R^2$.
1.34-30	$3,450 R^2/f^2$.
30-300	$3.83 R^2$.
300-1,500	$0.0128 R^2 f$.
1,500-100,000	$19.2 R^2$.
Note: R is in meters, f is in MHz.	

5.4 Multiple RF sources

In the case of fixed RF sources operating in the same time-averaging period, or of multiple mobile or portable RF sources within a device operating in the same time averaging period, if the sum of the fractional contributions to the applicable thresholds is less than or equal to 1 as indicated in the following equation),

$$\sum_{i=1}^a \frac{P_i}{P_{th,i}} + \sum_{j=1}^b \frac{ERP_j}{ERP_{th,j}} + \sum_{k=1}^c \frac{Evaluated_k}{Exposure Limit_k} \leq 1$$

6 Radio Frequency Radiation Max Exposure Evaluation

Bluetooth

Mode	Frequency (MHz)	Max Tune-up power (dBm)	Max Tune-up power (mW)	G(dBi)	G(num.)	D(cm)	Power Density in mW/cm ²	Limit (mW/cm ²)
BT	2480.00	11.00	12.59	4.20	2.63	20.0	0.007	1.00
BLE	2480.00	1.00	1.26	4.20	2.63	20.0	0.001	1.00

WIFI 2.4GHz (DTS)

Mode	Frequency (MHz)	Max Tune-up power (dBm)	Max Tune-up power (mW)	G(dBi)	G(num.)	D(cm)	Power Density in mW/cm ²	Limit (mW/cm ²)
IEEE 802.11b	2437.00	27.00	501.19	4.20	2.63	20.0	0.262	1.00
IEEE 802.11g	2437.00	25.00	316.23	4.20	2.63	20.0	0.165	1.00
IEEE 802.11n HT 20	2437.00	25.00	316.23	4.20	2.63	20.0	0.165	1.00
IEEE 802.11n HT 40	2437.00	25.00	316.23	4.20	2.63	20.0	0.165	1.00

WIFI 5.2GHz (U-NII 1)

Mode	Frequency (MHz)	Max Tune-up power (dBm)	Max Tune-up power (mW)	G(dBi)	G(num.)	D(cm)	Power Density in mW/cm ²	Limit (mW/cm ²)
IEEE 802.11a	5240.00	16.50	44.67	2.80	1.91	20.0	0.017	1.00
IEEE 802.11n HT 20	5240.00	16.50	44.67	2.80	1.91	20.0	0.017	1.00
IEEE 802.11n HT 40	5230.00	19.00	79.43	2.80	1.91	20.0	0.030	1.00
IEEE 802.11ac VHT 80	5210.00	14.50	28.18	2.80	1.91	20.0	0.011	1.00

WIFI 5.8GHz (U-NII 3)

Mode	Frequency (MHz)	Max Tune-up power (dBm)	Max Tune-up power (mW)	G(dBi)	G(num.)	D(cm)	Power Density in mW/cm ²	Limit (mW/cm ²)
IEEE 802.11a	5825.00	23.50	223.87	3.30	2.14	20.0	0.095	1.00
IEEE 802.11n HT20	5825.00	23.00	199.53	3.30	2.14	20.0	0.085	1.00
IEEE 802.11n HT40	5795.00	22.50	177.83	3.30	2.14	20.0	0.076	1.00
IEEE 802.11ac VHT80	5775.00	22.50	177.83	3.30	2.14	20.0	0.076	1.00

WWAN

Mode	Frequency (MHz)	Max Tune-up power (dBm)	Max Tune-up power (mW)	G(dBi)	G(num.)	D(cm)	Power Density in mW/cm ²	Limit (mW/cm ²)
WCDMA Band II	1910.00	25.00	316.23	5.30	3.39	20.0	0.213	1.00
WCDMA Band IV	1755.00	25.00	316.23	5.20	3.31	20.0	0.208	1.00
WCDMA Band V	849.00	25.00	316.23	2.50	1.78	20.0	0.112	0.57
LTE Band 2	1910.00	25.00	316.23	5.30	3.39	20.0	0.213	1.00
LTE Band 4	1755.00	25.00	316.23	5.20	3.31	20.0	0.208	1.00
LTE Band 5	849.00	25.00	316.23	2.50	1.78	20.0	0.112	0.57
LTE Band 12	716.00	25.00	316.23	1.30	1.35	20.0	0.085	0.48
LTE Band 13	787.00	25.00	316.23	2.60	1.82	20.0	0.114	0.52
LTE Band 14	798.00	25.00	316.23	2.60	1.82	20.0	0.114	0.53
LTE Band 66	1780.00	25.00	316.23	5.20	3.31	20.0	0.208	1.00
LTE Band 71	698.00	25.00	316.23	1.30	1.35	20.0	0.085	0.47

NFC

Mode	Frequency (MHz)	Electric Field (dBuV/m)@3m	Max EIRP Tune-up power (dBm)	Max EIRP Tune-up power (mW)	D(cm)	Power Density in mW/cm ²	Limit (mW/cm ²)
NFC	13.56	54.08	-41.15	0.0001	20	0.00000002	0.98

7 Simultaneous Transmission Analysis

In the case of fixed RF sources operating in the same time-averaging period, or of multiple mobile or portable RF sources within a device operating in the same time averaging period, if the sum of the fractional contributions to the applicable thresholds is less than or equal to 1 as indicated in the following equation),

$$\sum_{i=1}^a \frac{P_i}{P_{th,i}} + \sum_{j=1}^b \frac{ERP_j}{ERP_{th,j}} + \sum_{k=1}^c \frac{Evaluated_k}{Exposure Limit_k} \leq 1$$

7.1 Sum of the WWAN + WIFI 2.4GHz + Bluetooth + NFC

Therefore, the worst-case situation is $0.114 / 0.52 + 0.262 / 1 + 0.007 / 1 + 0.00000002 / 0.98 = 0.488$, which is less than “1”.

7.2 Sum of the WWAN + WIFI 5GHz + Bluetooth + NFC

Therefore, the worst-case situation is $0.114 / 0.52 + 0.095 / 1 + 0.007 / 1 + 0.00000002 / 0.98 = 0.321$, which is less than “1”.

8 Facilities

All measurement facilities used to collect the measurement data are located at

☒ No.11, Wugong 6th Rd., Wugu Dist., New Taipei City, Taiwan.

END OF REPORT