

RF EXPOSURE Test Report

Product: EAS RF Detection System

Trade Mark: Checkpoint

Model Number: EVOLVE EP10 PRI ANT, EVOLVE
EP10 SAB ANT

FCC ID: DO4EP10

Prepared for

Checkpoint Systems, Inc.

101 Wolf Drive, Thorofare, New Jersey 08086, USA

Prepared by

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Table of Contents

1	GENERAL DESCRIPTION	5
1.1	DESCRIPTION OF EUT.....	5
1.2	TEST MODE	5
1.3	THE DISTANCE FROM THE ANTENNA TO EACH SURFACE OF THE PRODUCT CASING	6
1.4	TEST SETUP	7
1.5	ANCILLARY EQUIPMENT	7
2	TEST FACILITIES AND ACCREDITATIONS	8
2.1	TEST LABORATORY	8
2.2	ENVIRONMENTAL CONDITIONS	8
2.3	MEASUREMENT UNCERTAINTY	8
2.4	TEST SOFTWARE	8
3	LIST OF TEST EQUIPMENT	9
4	RF EXPOSURE.....	10
4.1	MAXIMUM PERMISSIBLE EXPOSURE	10
4.1.1.	<i>Limit.....</i>	<i>10</i>
4.1.2.	<i>Test Procedures.....</i>	<i>10</i>
4.1.3.	<i>Test Setup.....</i>	<i>10</i>
4.1.4.	<i>Test Result</i>	<i>11</i>

TEST RESULT CERTIFICATION

Applicant's Name..... : Checkpoint Systems, Inc.

Address : 101 Wolf Drive, Thorofare, New Jersey 08086, USA

Manufacturer's Name : Checkpoint Systems, Inc.

Address : 101 Wolf Drive, Thorofare, New Jersey 08086, USA

Product description

Product name : EAS RF Detection System

Model Number : EVOLVE EP10 PRI ANT, EVOLVE EP10 SAB ANT

Standards : FCC CFR 47 PART 1 , 1.1310

Test procedure..... : KDB 680106 D01 Wireless Power Transfer v04

This device described above has been tested by Shenzhen HongBiao Certification& Testing Co., Ltd and the test results show that the equipment under test (EUT) is in compliance with the EMC requirements. And it is applicable only to the tested sample identified in the report.

Date of Test..... :

Date (s) of performance of tests..... : June 15, 2026~July 30, 2026

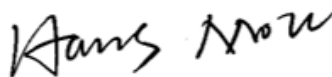
Test Result..... : **Pass**

Testing Engineer :



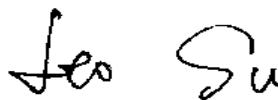
(Z o e S u)

Technical Manager :



(Hans Mou)

Authorized Signatory :



(L e o S u)

[illegible]

1 General Description

1.1 Description of EUT

Product name:	EAS RF Detection System
Model name:	EVOLVE EP10 PRI ANT, EVOLVE EP10 SAB ANT
Series Model:	EVOLVE EP20 PRI ANT, EVOLVE EP20 SAB ANT
Different of series model:	All the models are the same circuit and module, except the size and model No..
Operation frequency:	7.825MHz, 7.975MHz, 8.125MHz, 8.275MHz, 8.425MHz, 8.575Mhz
Operational mode:	EAS detector systems
Modulation type:	For EAS detector systems: Pulse
Antenna type:	Loop Antenna
Battery:	N/A
Power supply:	Input: DC 24V/2.1A
Adapter information:	MODEL:DVPYSUS50W240210 CHECKPOINT P/N:7116509 INPUT:100-240V~1.5AMAX,50-60Hz OUTPUT: 24.0V 2.1A OUTPUT POWER: 50.0W MAX
Part number:	EVOLVE EP10 PRI ANT, EVOLVE EP10 SABANT EVOLVE EP20 PRI ANT, EVOLVE EP20 SABANT

1.2 Test Mode

Pretest Test Mode	Description of Mode
1	EVOLVE EP10 PRI ANT(LOOP1+LOOP3)
2	EVOLVE EP10 PRI ANT(LOOP2+LOOP4)
3	EVOLVE EP10 SAB ANT(LOOP5+LOOP7)
4	EVOLVE EP10 SAB ANT(LOOP6+LOOP8)

The report has conducted assessment tests for the worst-case scenario where there is no separation distance between EVOLVE EP10 PRI ANT and EVOLVE EP10 SAB ANT.

When conducting tests for each loop in the report, all the antennas of EVOLVE EP10 PRI ANT and EVOLVE EP10 SAB ANT were in the transmitting state. The evaluation was conducted for the state when all the antennas were transmitting simultaneously.

1.3 The Distance From The Antenna To Each Surface Of the Product Casing

Location(s) - Loop to the outer surface of the enclosure(s)

Transmitter 1:

Transmitter 1 to Top: 1.5cm

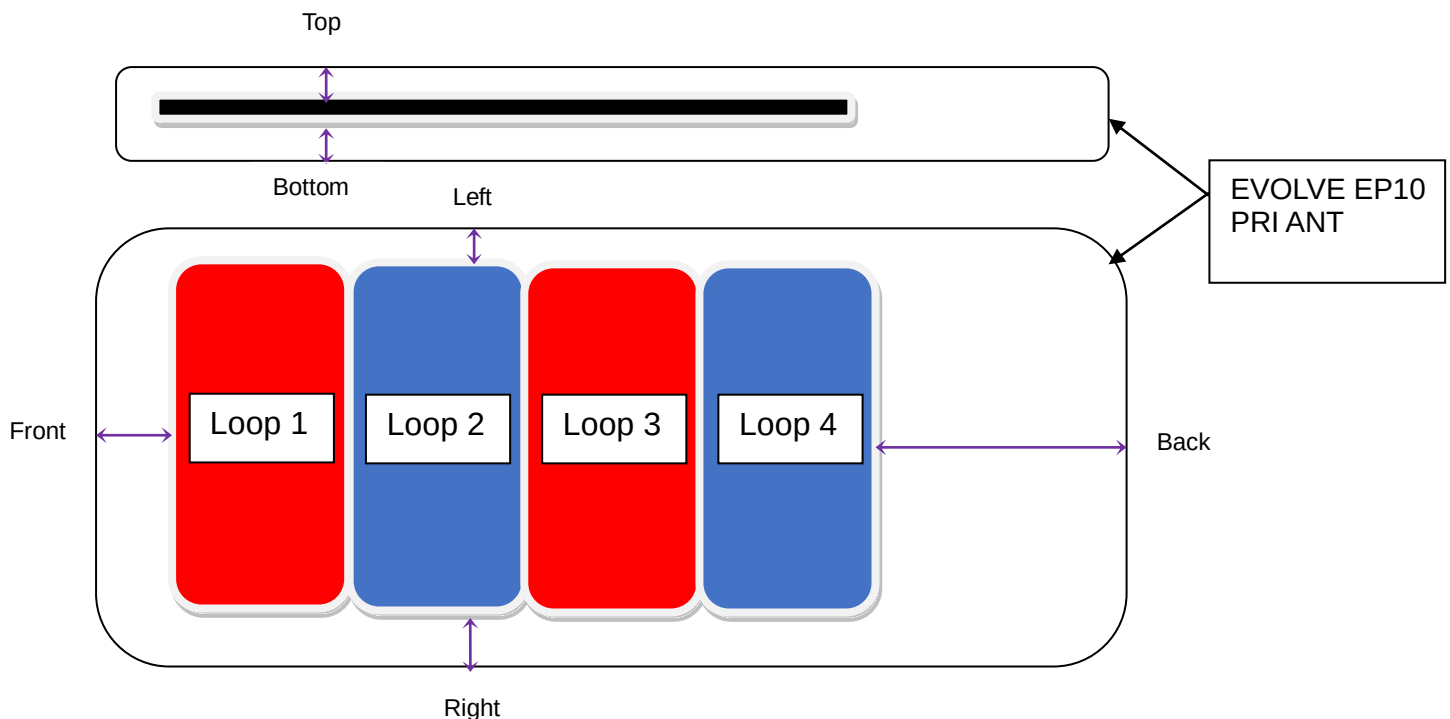
Transmitter 1 to Left: 2.0cm

Transmitter 1 to Right: 2.0cm

Transmitter 1 to Front: 2.5cm

Transmitter 1 to Back: 22.5cm

Transmitter 1 to Bottom: 1.5cm



Note: The EVOLVE EP10 PRI ANT has two antennas, Loop1 and Loop3 are composed of antenna 1 and form a whole, and Loop2 and Loop4 are composed of antenna 2 and form a whole.

Location(s) - Loop to the outer surface of the enclosure(s)

Transmitter 2:

Transmitter 2 to Top: 1.5cm

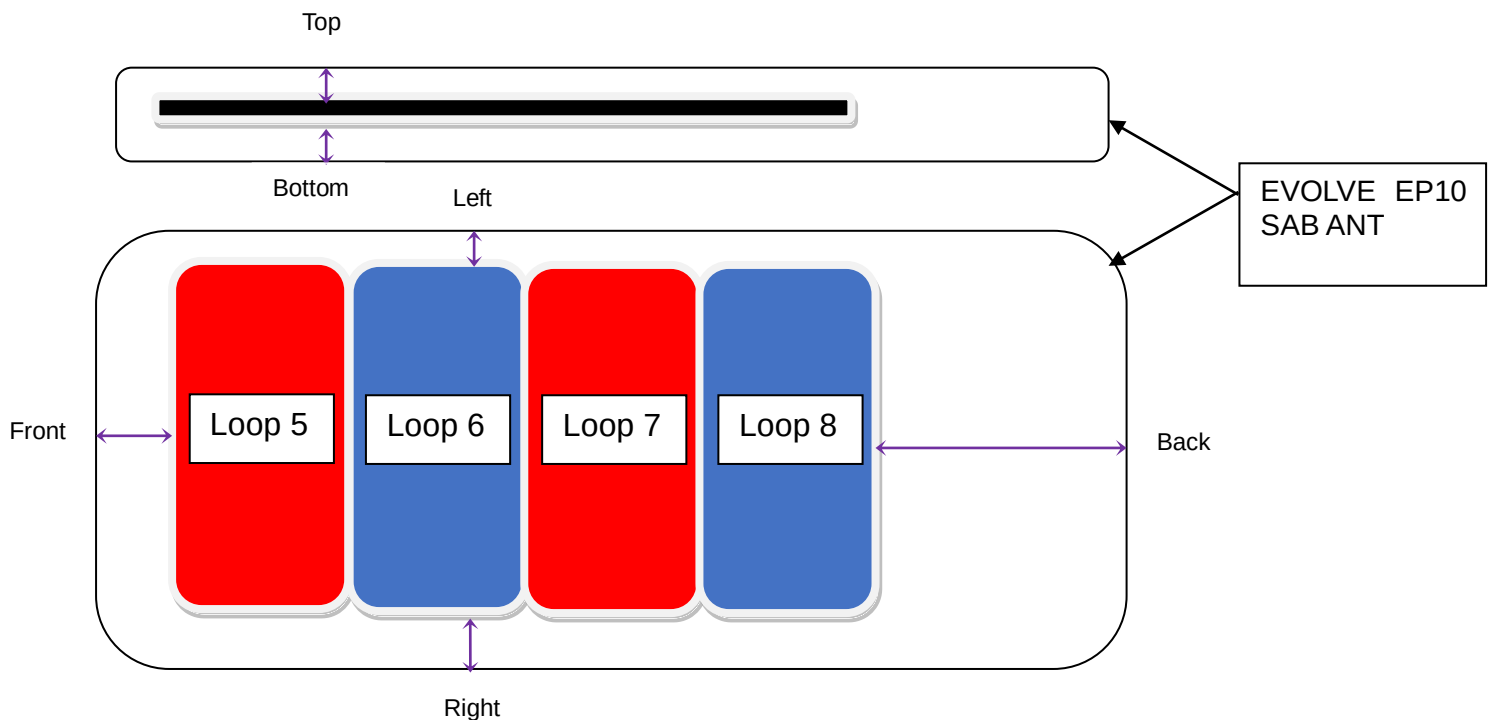
Transmitter 2 to Left: 2.0cm

Transmitter 2 to Right: 2.0cm

Transmitter 2 to Front: 2.5cm

Transmitter 2 to Back: 22.5cm

Transmitter 2 to Bottom: 1.5cm



Note: The EVOLVE EP10 SAB ANT has two antennas, Loop5 and Loop7 consisting of antenna 3, which is a whole, and Loop6 and Loop8 consisting of antenna 4, which is a whole.

1.4 Test Setup

See photographs of the test setup in the report for the actual setup and connections between EUT and support equipment.

1.5 Ancillary Equipment

Equipment	Model	S/N	Manufacturer
/	/	/	/

2 Test Facilities and Accreditations

2.1 Test Laboratory

Test Site	Shenzhen HongBiao Certification& Testing Co., Ltd
Test Site Location	Room 102, 201, Building 2, Yuanwanggu RFID Industrial Park, Tongguan Road, Tianliao Community, Yutang Street, Guangming District, Shenzhen, China
Telephone:	(86-755) 2998 9321
Fax:	(86-755) 2998 5110
Designation Number:	848916
FCC Registration No.:	CN1341
A2LA Certificate No.:	6765.01

2.2 Environmental Conditions

During the measurement the environmental conditions were within the listed ranges:

Temperature:	15°C~35°C
Relative Humidity:	20%~75%
Air Pressure:	98kPa~101kPa

2.3 Measurement Uncertainty

The reported uncertainty of measurement $y \pm U$, where expended uncertainty U is based on a standard uncertainty multiplied by a coverage factor of $k=2$, providing a level of confidence of approximately 95 %.

The data and results quoted in this document are true and accurate values, and uncertainties are not involved in the calculations.

In addition, components and mass production processes that are similar to testing equipment may introduce additional deviations, and the manufacturer is solely responsible for the continued compliance of the equipment.

Measurement Frequency Range	U, (dB)	Note
RF frequency	2×10^{-5}	
E-field	± 2.5 dB	
H-field	± 4.2 dB	
Temperature	± 1 degree	
Humidity	± 5 %	

2.4 Test Software

Software name	Manufacturer	Model	Version
MAGPy V3.4	Schmid & Partner Engineering AG	MAGPy V3.4	V3.4

3 List of Test Equipment

Item	Equipment No.	Equipment name	Manufacturer	Model	Serial No.	Calibration date	Due date
1	HB-E083	Magnetic Amplitude and Gradient Probe System	Schmid & Partner Engineering AG	MAGPy3-8H 3D+E3DV3	4016	2026-06-02	2027-06-01
2	HB-E084	Magnetic Amplitude and Gradient Probe System	Schmid & Partner Engineering AG	MAGPy3-DA SV3	4020	2026-06-02	2027-06-01

Note: the calibration interval of the above test instruments is 12 months and the calibrations are traceable to international system unit (SI).

4 RF Exposure

4.1 Maximum Permissible Exposure

4.1.1. Limit

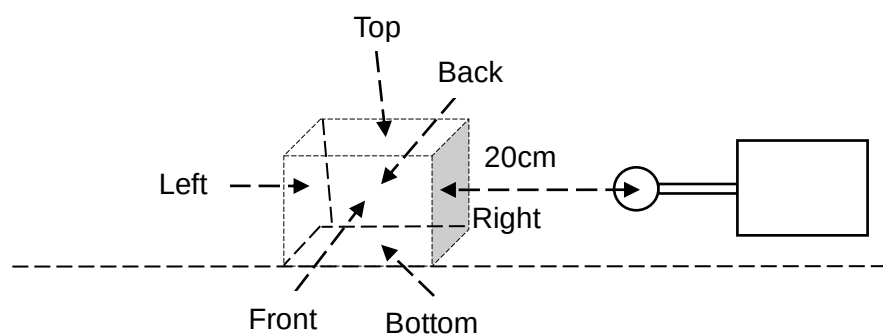
Frequency range(MHz)	Electric field strength(V/m)	Magnetic field strength(A/m)	Power density(mW/cm ²)	Averaging time(minutes)
(A) Limits for Occupational/Controlled Exposure				
0.3-3.0	614	1.63	*100	6
3.0-30	1842/f	4.89/f	*900/f ²	6
30-300	61.4	0.163	1.0 6	6
300-1500			f/300	6
1500-100000			5	6
(B) 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
300-1500			f/1500	30
1500-100000			1	30

f = frequency in MHz * = Plane-wave equivalent power density

4.1.2. Test Procedures

- The RF exposure test was performed in anechoic chamber.
- The highest emission level was recorded and compared with limit.

4.1.3. Test Setup

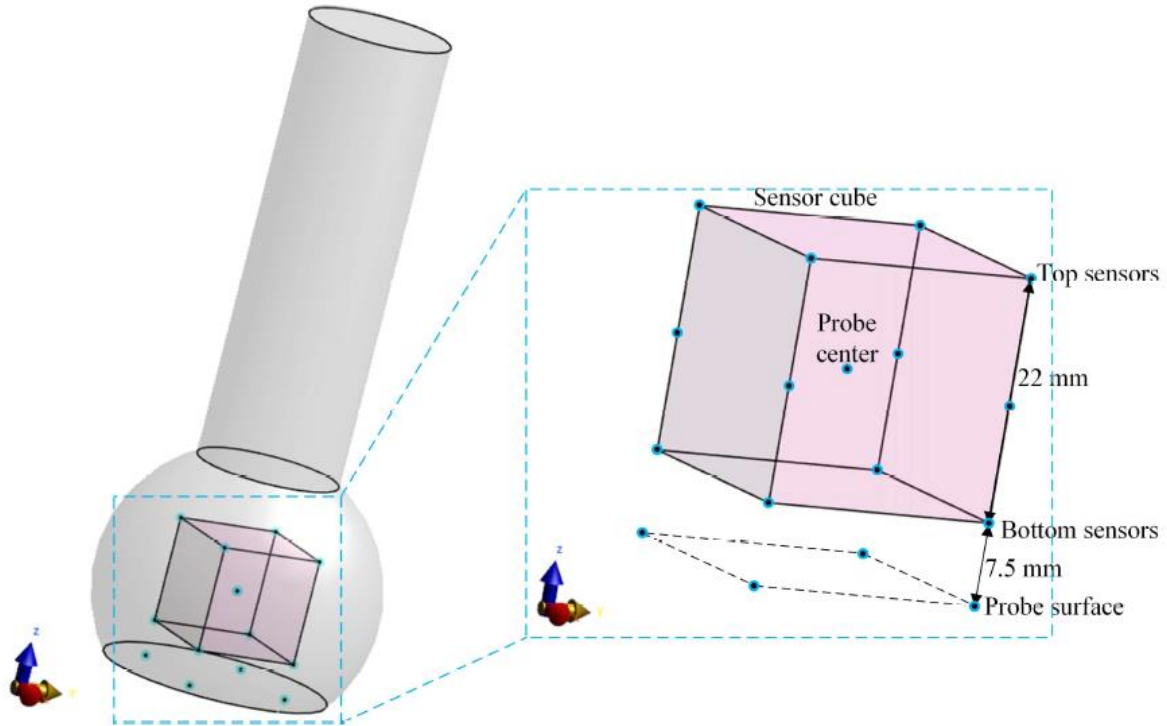


4.1.4. Test Result

For mobile exposure condition:

Operating modes with client device have been teststatus of client device.

In the MAGPy V3.4 implementation, the H-field is evaluated at the center of the probe(which is 18.5mm above the surface of its tip) and also at the surface of its tip.



The total H-field at the tip surface $H_{tip-surface}$ can be extrapolated using the total H-field measured at the top and bottom sensors (Figure 2.5), H_{top} and H_{bottom} , and the normalized H-field gradient G_n . The field extrapolation formula is a polynomial function of G_n ($\Delta d=7.5\text{mm}$ is the sensor offset of the bottom sensors).

$$H_{tip-surface} = \frac{H_{bottom} + H_{top}}{2} \sum_{i=0}^7 c_i [G_n (\Delta d + 11 \text{ mm})]^i$$

The polynomial coefficients c_i were determined from simulations of 70 coils covering normalized gradients up to 80 for the 97.5th percentile. This provides a conservative estimate of the total H-field at the tip surface without large overestimation. Since the local (i.e., not spatial averaged) values of $H_{tip-surface}$ obtained from simulations were used for the curve fitting, $H_{tip-surface}$ estimated can be considered not suffered from the sensor averaging error. The field extrapolation formula is applied to four pairs of top and bottom sensors along the vertical (i.e., along z axis) edges of the sensor cube, and the H-field at the probe tip reported by MAGPy V3.4 adopts the average of the four extrapolated values.

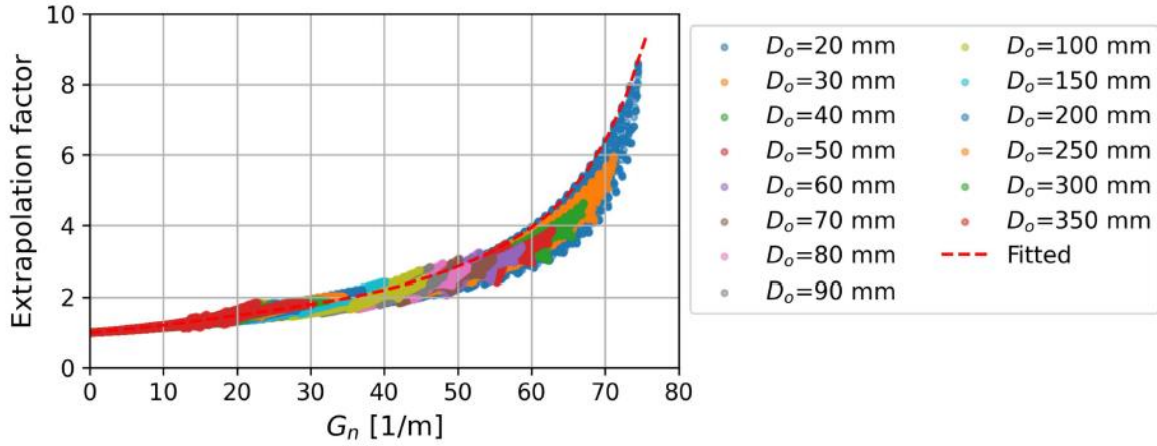


Figure 2.6: Extrapolation factors (i.e., ratios between the simulated results of $H_{tip-surface}$ and $\frac{H_{bottom}+H_{top}}{2}$) plotted as a function of the normalized H -field gradient. The data are from simulations of 70 coils with varying outer diameters D_o and filling ratios (0.1–0.9). The predication of the polynomial function $\sum_{i=0}^7 c_i [G_n (\Delta d + 11 \text{ mm})]^i$ with coefficients fitted for the 97.5th percentile (i.e., the red dashed line) is also shown.

Coefficient	Value
c_0	1.00
c_1	1.00
c_2	-0.764
c_3	14.5
c_4	-47.7
c_5	70.7
c_6	-48.7
c_7	13.1

Table 2.2: Coefficients of the polynomial function for the H -field extrapolation to the tip surface of the probe, determined with 0.975 quantile regression (i.e., the 97.5th percentile)

For compliance evaluation, MAGPy V3.4 evaluates the fundamental frequency f_0 (i.e., peak frequency) and the auxiliary frequencies (e.g., harmonics) of the transmitting source. The determination of these frequencies is described in section 2.3.9. The total E -field and H -field (for the measurement options “Probe center” and “Tip center”, see Section 2.3.8) reported by MAGPy V3.4 are derived with the following equations:

$$E_{\text{tot}}(f) = \sqrt{|E_x(f)|^2 + |E_y(f)|^2 + |E_z(f)|^2}. \quad (1.4)$$

$$H_{\text{tot,probe-center}}(f) = \sqrt{\left| \frac{1}{8} \sum_{m=1}^8 H_{m,x}(f) \right|^2 + \left| \frac{1}{8} \sum_{m=1}^8 H_{m,y}(f) \right|^2 + \left| \frac{1}{8} \sum_{m=1}^8 H_{m,z}(f) \right|^2}. \quad (1.5)$$

$$H_{\text{tot,sensor-max}}(f) = \max \left(\sqrt{|H_{1,x}(f)|^2 + |H_{1,y}(f)|^2 + |H_{1,z}(f)|^2}, \dots, \sqrt{|H_{8,x}(f)|^2 + |H_{8,y}(f)|^2 + |H_{8,z}(f)|^2} \right). \quad (1.6)$$

In the above equations, $H_{m,x/y/z}(f)$ refers to the complex spectrum of the x/y/z sensor of the m th H -field subprobe, $E_{x/y/z}(f)$ denotes the complex spectrum of the x/y/z sensor of the E -field subprobe. The target frequency f can be the fundamental frequency f_0 or any of the auxiliary frequencies.

E -fields can be induced in the tissue at the tips of conductors or electrodes where electric charges accumulate. These charges will give rise to an E -field the dominant orientation of which is assumed to be perpendicular with respect to the surface of the exposed tissue, and the coupling mechanism for the quantification of the induced fields is capacitive. In comparison to the inductive coupling, the exposure (in terms of the surface SAR) decreases with up to the 4th power of the distance, depending on the electrode geometry and size. Additionally, the induced E -field is significantly attenuated with respect to the incident E -field due to the large contrast of the complex permittivity of the exposed tissue relative to the free space. The capacitive coupling mechanism is described in detail in [8]. By applying the expressions for the incident E -field of the electrode and the SAR at the surface and assuming the electrode-to-tissue distance is much smaller than the electrode radius, the ratio of the induced E -field at the tissue surface $E_{\text{ind,surface}}$ and the incident E -field $E_{\text{inc,surface}}$ can be approximated with the following equation:

$$\frac{E_{\text{ind,surface}}}{E_{\text{inc,surface}}} = 3.79 \frac{\epsilon_{\text{free-space}}}{|\epsilon_{\text{free-space}} + \epsilon_{\text{tissue}}|} = 3.79 \frac{8.85 \times 10^{-12}}{|8.85 \times 10^{-12}(1 + \epsilon_r) - j \frac{\sigma}{2\pi f}|} \quad (1.13)$$

Figure 2.7 shows the attenuation of the induced E -field at the surface of the tissue with the material properties specified in IEC 63184 [6, 9] ($\epsilon_r = 55$, $\sigma = 0.75 \text{ S/m}$, $\rho = 1000 \text{ kg/m}^3$) calculated using Equation (1.13). Applying Equation (1.13) and with the dielectric properties of the tissues simulating liquid of the homogeneous phantom specified in IEC 63184 enables the assessment of the induced E -field E_{ind} from the measured incident E -field E_{inc} . Both the induced current density J_{ind} and SAR can be derived from E_{ind} : $J_{\text{ind}} = \sigma E_{\text{ind}}$, $\text{SAR} = \sigma E_{\text{ind}}^2 / \rho$. Note that the induced fields estimated here correspond to the local peak SAR at the phantom surface and not the spatial peak average SAR (e.g., of a cubical volume of 10 g mass).

Test condition 1: Measurement results directly tested using MAGPy.

Maximum permissible Exposure(8.575MHz) EVOLVE EP10 PRI ANT(LOOP1+LOOP3)				
Battery levels	Test sides	Test distance(cm)	E -field(V/m)	H-field(A/m)
/	Top	20	0.33	0.01
/	Left	20	0.18	0.006
/	Right	20	0.16	0.006
/	Front	20	0.24	0.008
/	Back	20	0.18	0.007
/	Bottom	20	0.30	0.007
Limit			96	0.25
Margin Limit (%)			0.34%	4.00%

Test condition 2: Measurement results directly tested using MAGPy.

Maximum permissible Exposure(8.425MHz) EVOLVE EP10 PRI ANT(LOOP1+LOOP3)				
Battery levels	Test sides	Test distance(cm)	E -field(V/m)	H-field(A/m)
/	Top	20	0.001	0.002
/	Left	20	0.013	0.002
/	Right	20	0.02	0.005
/	Front	20	0.77	0.01
/	Back	20	0.24	0.005
/	Bottom	20	0.001	0.001
Limit			97.8	0.26
Margin Limit (%)			0.79%	3.85%

Test condition 3: Measurement results directly tested using MAGPy.

Maximum permissible Exposure(8.275MHz) EVOLVE EP10 PRI ANT(LOOP1+LOOP3)				
Battery levels	Test sides	Test distance(cm)	E -field(V/m)	H-field(A/m)
/	Top	20	0.51	0.008
/	Left	20	0.22	0.009
/	Right	20	0.28	0.01
/	Front	20	0.42	0.007
/	Back	20	0.27	0.009
/	Bottom	20	0.26	0.006
Limit			99.5	0.26
Margin Limit (%)			0.51%	3.85%

Test condition 4: Measurement results directly tested using MAGPy.

Maximum permissible Exposure(8.125MHz) EVOLVE EP10 PRI ANT(LOOP1+LOOP3)				
Battery levels	Test sides	Test distance(cm)	E -field(V/m)	H-field(A/m)
/	Top	20	0.15	0.005
/	Left	20	0.12	0.005
/	Right	20	0.21	0.01
/	Front	20	0.14	0.007
/	Back	20	0.24	0.006
/	Bottom	20	0.11	0.004
Limit			101.4	0.26
Margin Limit (%)			0.24%	3.85%

Test condition 5: Measurement results directly tested using MAGPy.

Maximum permissible Exposure(7.975MHz) EVOLVE EP10 PRI ANT(LOOP1+LOOP3)				
Battery levels	Test sides	Test distance(cm)	E -field(V/m)	H-field(A/m)
/	Top	20	0.17	0.009
/	Left	20	0.11	0.007
/	Right	20	0.09	0.005
/	Front	20	0.05	0.003
/	Back	20	0.11	0.006
/	Bottom	20	0.08	0.005
Limit			103.3	0.27
Margin Limit (%)			0.16%	3.33%

Test condition 6: Measurement results directly tested using MAGPy.

Maximum permissible Exposure(7.825MHz) EVOLVE EP10 PRI ANT(LOOP1+LOOP3)				
Battery levels	Test sides	Test distance(cm)	E -field(V/m)	H-field(A/m)
/	Top	20	0.30	0.007
/	Left	20	0.10	0.006
/	Right	20	0.14	0.009
/	Front	20	0.12	0.005
/	Back	20	0.09	0.008
/	Bottom	20	0.16	0.005
Limit			105.3	0.27
Margin Limit (%)			0.28%	3.33%

Test condition 7: Measurement results directly tested using MAGPy.

Maximum permissible Exposure(8.575MHz) EVOLVE EP10 PRI ANT(LOOP2+LOOP4)				
Battery levels	Test sides	Test distance(cm)	E -field(V/m)	H-field(A/m)
/	Top	20	0.36	0.007
/	Left	20	0.27	0.008
/	Right	20	0.22	0.007
/	Front	20	0.28	0.01
/	Back	20	0.21	0.007
/	Bottom	20	0.16	0.003
Limit			96	0.25
Margin Limit (%)			0.38%	4.00%

Test condition 8: Measurement results directly tested using MAGPy.

Maximum permissible Exposure(8.425MHz) EVOLVE EP10 PRI ANT(LOOP2+LOOP4)				
Battery levels	Test sides	Test distance(cm)	E -field(V/m)	H-field(A/m)
/	Top	20	0.78	0.02
/	Left	20	0.14	0.006
/	Right	20	0.35	0.007
/	Front	20	0.41	0.009
/	Back	20	0.46	0.008
/	Bottom	20	0.32	0.003
Limit			97.8	0.26
Margin Limit (%)			0.80%	7.69%

Test condition 9: Measurement results directly tested using MAGPy.

Maximum permissible Exposure(8.275MHz) EVOLVE EP10 PRI ANT(LOOP2+LOOP4)				
Battery levels	Test sides	Test distance(cm)	E -field(V/m)	H-field(A/m)
/	Top	20	0.49	0.007
/	Left	20	0.37	0.008
/	Right	20	0.28	0.005
/	Front	20	0.43	0.01
/	Back	20	0.19	0.009
/	Bottom	20	0.57	0.01
Limit			99.5	0.26
Margin Limit (%)			0.57%	3.85%

Test condition 10: Measurement results directly tested using MAGPy.

Maximum permissible Exposure(8.125MHz) EVOLVE EP10 PRI ANT(LOOP2+LOOP4)				
Battery levels	Test sides	Test distance(cm)	E -field(V/m)	H-field(A/m)
/	Top	20	0.72	0.01
/	Left	20	0.15	0.006
/	Right	20	0.12	0.005
/	Front	20	0.33	0.009
/	Back	20	0.14	0.008
/	Bottom	20	0.13	0.009
Limit			101.4	0.26
Margin Limit (%)			0.71%	3.85%

Test condition 11: Measurement results directly tested using MAGPy.

Maximum permissible Exposure(7.975MHz) EVOLVE EP10 PRI ANT(LOOP2+LOOP4)				
Battery levels	Test sides	Test distance(cm)	E -field(V/m)	H-field(A/m)
/	Top	20	0.20	0.01
/	Left	20	0.17	0.006
/	Right	20	0.09	0.008
/	Front	20	0.11	0.008
/	Back	20	0.08	0.005
/	Bottom	20	0.10	0.004
Limit			103.3	0.27
Margin Limit (%)			0.19%	3.70%

Test condition 12: Measurement results directly tested using MAGPy.

Maximum permissible Exposure(7.825MHz) EVOLVE EP10 PRI ANT(LOOP2+LOOP4)				
Battery levels	Test sides	Test distance(cm)	E -field(V/m)	H-field(A/m)
/	Top	20	0.28	0.008
/	Left	20	0.14	0.009
/	Right	20	0.15	0.007
/	Front	20	0.11	0.005
/	Back	20	0.08	0.002
/	Bottom	20	0.13	0.007
Limit			105.3	0.27
Margin Limit (%)			0.27%	3.33%

Test condition 13: Measurement results directly tested using MAGPy.

Maximum permissible Exposure(8.575MHz) EVOLVE EP10 SAB ANT(LOOP5+LOOP7)				
Battery levels	Test sides	Test distance(cm)	E -field(V/m)	H-field(A/m)
/	Top	20	0.57	0.01
/	Left	20	0.24	0.01
/	Right	20	0.12	0.009
/	Front	20	0.11	0.007
/	Back	20	0.15	0.004
/	Bottom	20	0.09	0.006
Limit			96	0.25
Margin Limit (%)			0.59%	4.00%

Test condition 14: Measurement results directly tested using MAGPy.

Maximum permissible Exposure(8.425MHz) EVOLVE EP10 SAB ANT(LOOP5+LOOP7)				
Battery levels	Test sides	Test distance(cm)	E -field(V/m)	H-field(A/m)
/	Top	20	0.89	0.02
/	Left	20	0.19	0.006
/	Right	20	0.21	0.005
/	Front	20	0.23	0.006
/	Back	20	0.40	0.008
/	Bottom	20	0.52	0.007
Limit			97.8	0.26
Margin Limit (%)			0.91%	7.69%

Test condition 15: Measurement results directly tested using MAGPy.

Maximum permissible Exposure(8.275MHz) EVOLVE EP10 SAB ANT(LOOP5+LOOP7)				
Battery levels	Test sides	Test distance(cm)	E -field(V/m)	H-field(A/m)
/	Top	20	0.44	0.01
/	Left	20	0.21	0.005
/	Right	20	0.16	0.004
/	Front	20	0.14	0.002
/	Back	20	0.19	0.007
/	Bottom	20	0.16	0.006
Limit			99.5	0.26
Margin Limit (%)			0.44%	3.85%

Test condition 16: Measurement results directly tested using MAGPy.

Maximum permissible Exposure(8.125MHz) EVOLVE EP10 SAB ANT(LOOP5+LOOP7)				
Battery levels	Test sides	Test distance(cm)	E -field(V/m)	H-field(A/m)
/	Top	20	0.39	0.01
/	Left	20	0.10	0.008
/	Right	20	0.13	0.007
/	Front	20	0.08	0.008
/	Back	20	0.10	0.005
/	Bottom	20	0.08	0.007
Limit			101.4	0.26
Margin Limit (%)			0.38%	3.85%

Test condition 17: Measurement results directly tested using MAGPy.

Maximum permissible Exposure(7.975MHz) EVOLVE EP10 SAB ANT(LOOP5+LOOP7)				
Battery levels	Test sides	Test distance(cm)	E -field(V/m)	H-field(A/m)
/	Top	20	0.27	0.007
/	Left	20	0.09	0.009
/	Right	20	0.07	0.005
/	Front	20	0.11	0.006
/	Back	20	0.07	0.003
/	Bottom	20	0.06	0.007
Limit			103.3	0.27
Margin Limit (%)			0.26%	3.33%

Test condition 18: Measurement results directly tested using MAGPy.

Maximum permissible Exposure(7.825MHz) EVOLVE EP10 SAB ANT(LOOP5+LOOP7)				
Battery levels	Test sides	Test distance(cm)	E -field(V/m)	H-field(A/m)
/	Top	20	0.17	0.006
/	Left	20	0.11	0.008
/	Right	20	0.09	0.007
/	Front	20	0.11	0.008
/	Back	20	0.13	0.007
/	Bottom	20	0.08	0.006
Limit			105.3	0.27
Margin Limit (%)			12.35%	2.96%

Test condition 19: Measurement results directly tested using MAGPy.

Maximum permissible Exposure(8.575MHz) EVOLVE EP10 SAB ANT(LOOP6+LOOP8)				
Battery levels	Test sides	Test distance(cm)	E -field(V/m)	H-field(A/m)
/	Top	20	0.37	0.009
/	Left	20	0.13	0.008
/	Right	20	0.12	0.008
/	Front	20	0.33	0.009
/	Back	20	0.08	0.006
/	Bottom	20	0.23	0.008
Limit			96	0.25
Margin Limit (%)			0.39%	3.60%

Test condition 20: Measurement results directly tested using MAGPy.

Maximum permissible Exposure(8.425MHz) EVOLVE EP10 SAB ANT(LOOP6+LOOP8)				
Battery levels	Test sides	Test distance(cm)	E -field(V/m)	H-field(A/m)
/	Top	20	0.73	0.01
/	Left	20	0.32	0.009
/	Right	20	0.25	0.009
/	Front	20	0.22	0.006
/	Back	20	0.26	0.008
/	Bottom	20	0.45	0.007
Limit			97.8	0.26
Margin Limit (%)			0.75%	3.85%

Test condition 21: Measurement results directly tested using MAGPy.

Maximum permissible Exposure(8.275MHz) EVOLVE EP10 SAB ANT(LOOP6+LOOP8)				
Battery levels	Test sides	Test distance(cm)	E -field(V/m)	H-field(A/m)
/	Top	20	0.66	0.01
/	Left	20	0.13	0.008
/	Right	20	0.18	0.007
/	Front	20	0.11	0.003
/	Back	20	0.20	0.008
/	Bottom	20	0.09	0.006
Limit			99.5	0.26
Margin Limit (%)			0.66%	3.85%

Test condition 22: Measurement results directly tested using MAGPy.

Maximum permissible Exposure(8.125MHz) EVOLVE EP10 SAB ANT(LOOP6+LOOP8)				
Battery levels	Test sides	Test distance(cm)	E -field(V/m)	H-field(A/m)
/	Top	20	0.24	0.008
/	Left	20	0.07	0.006
/	Right	20	0.09	0.008
/	Front	20	0.15	0.009
/	Back	20	0.08	0.008
/	Bottom	20	0.08	0.007
Limit			101.4	0.26
Margin Limit (%)			0.24%	3.46%

Test condition 23: Measurement results directly tested using MAGPy.

Maximum permissible Exposure(7.975MHz) EVOLVE EP10 SAB ANT(LOOP6+LOOP8)				
Battery levels	Test sides	Test distance(cm)	E -field(V/m)	H-field(A/m)
/	Top	20	0.14	0.007
/	Left	20	0.15	0.008
/	Right	20	0.10	0.01
/	Front	20	0.07	0.003
/	Back	20	0.11	0.008
/	Bottom	20	0.05	0.003
Limit			103.3	0.27
Margin Limit (%)			0.15%	3.70%

Test condition 24: Measurement results directly tested using MAGPy.

Maximum permissible Exposure(7.825MHz) EVOLVE EP10 SAB ANT(LOOP6+LOOP8)				
Battery levels	Test sides	Test distance(cm)	E -field(V/m)	H-field(A/m)
/	Top	20	0.15	0.006
/	Left	20	0.24	0.007
/	Right	20	0.09	0.007
/	Front	20	0.07	0.005
/	Back	20	0.14	0.006
/	Bottom	20	0.11	0.008
Limit			105.3	0.27
Margin Limit (%)			0.23%	2.96%

******* END OF REPORT *******