FCC Part 1 Subpart I
FCC Part 2 Subpart J

CERTIFICATION TEST REPORT

FOR

SMART PHONE

MODEL NO: A2484 (Parent Model, Full Test)
MODEL No: A2641, A2643, A2644, A2645 (Variant Models)

FCC ID: BCG-E4003A (Parent Model)
FCC ID: BCG-E4005A, BCG-E4035A, BCG-E4036A (Variant Models)

REPORT NUMBER: 13573771-E15V2

ISSUE DATE: AUGUST 25, 2021

Prepared for
APPLE INC.
1 APPLE PARK WAY
CUPERTINO, CA 95014, U.S.A

Prepared by
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ACCREDITED
CERT #0751.05

Revision History

Rev.	Issue Date	Revisions	Revised By
V1	7/30/2021	Initial Issue	T. Chan
V2	8/25/2021	Add 2/4/6/8/10 cm distance in page 18	Chin Pang

TABLE OF CONTENTS

1. ATTESTATION OF TEST RESULTS

COMPANY NAME:	APPLE INC. 1 APPLE PARK WAY CUPERTINO, CA 95014, U.S.A
EUT DESCRIPTION:	SMARTPHONE
MODEL:	A2484 (Parent Model, Full Test) A2641, A2643, A2644, A2645 (Variant Models)
BRAND:	APPLE
SERIAL NUMBER:	P09VM36J4J, Q9W9XJ9TLQ, GH76JXQW51, XQG6597RPF
SAMPLE RECEIPT DATE	JUNE 25, 2021, 7/13/2021
DATE TESTED:	JUNE 25, 2021 and JULY 13 & AUGUST 25, 2021

APPLICABLE STANDARDS	
STANDARD	**TEST RESULTS**
FCC PART 1 SUBPART I & PART 2 SUBPART J	Complies

UL Verification Services Inc. tested the above equipment in accordance with the requirements set forth in the above standards. The test results show that the equipment tested is capable of demonstrating compliance with the requirements as documented in this report.

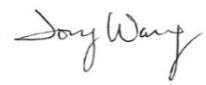
The results documented in this report apply only to the tested sample, under the conditions and modes of operation as described herein. It is the manufacturer's responsibility to assure that additional production units of this model are manufactured with identical electrical and mechanical components. All samples tested were in good operating condition throughout the entire test program. Measurement Uncertainties are published for informational purposes only and were not taken into account unless noted otherwise.

This document may not be altered or revised in any way unless done so by UL Verification Services Inc. and all revisions are duly noted in the revisions section. Any alteration of this document not carried out by UL Verification Services Inc. will constitute fraud and shall nullify the document. This report must not be used by the client to claim product certification, approval, or endorsement by A2LA, NIST, any agency of the Federal Government, or any agency of the U.S. government.

Reviewed By:

Chin Pang
Senior Engineer
UL Verification Service Inc.

Prepared By:



Tony Wang
Test Engineer
UL Verification Services Inc.

2. TEST METHODOLOGY

All measurements made in accordance with KDB 680106 and manufacturer KDB inquiry.

3. FACILITIES AND ACCREDITATION

UL Verification Services Inc. is accredited by A2LA, certification #0751.05, for all testing performed within the scope of this report. Testing was performed at the locations noted below.

	Address	ISED CABID	ISED Company Number	FCC Registration
☐	Building 1: 47173 Benicia Street, Fremont, CA 94538	US0104	2324A	208313
☒	Building 2: 47266 Benicia Street, Fremont, CA 94538	US0104	22541	208313
☐	Building 4: 47658 Kato Rd, Fremont, CA 94538	US0104	2324B	208313

4. DECISION RULES AND MEASUREMENT UNCERTAINTY

4.1. METROLOGICAL TRACEABILITY

All test and measuring equipment utilized to perform the tests documented in this report are calibrated on a regular basis, with a maximum time between calibrations of one year or the manufacturers' recommendation, whichever is less, and where applicable is traceable to recognized national standards.

4.2. DECISION RULES

The Decision Rule is based on Simple Acceptance in accordance with ISO Guide 98-4:2012 Clause 8.2. (Measurement uncertainty is not taken into account when stating conformity with a specified requirement.)

4.3. MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the apparatus:

PARAMETER	U_{Lab}
Magnetic Field Reading (A/m)	+/-0.04284 (A/m)
Electric Field Reading (V/m)	+/-0.03682 (V/m)

Uncertainty figures are valid to a confidence level of 95.45%.

5. KDB 680106 D01 SECTION 5b EQUIPMENT APPROVAL CONSIDERATIONS

Requirement	Device
(1) Power transfer frequency is less than 1 MHz.	Yes. Operating Frequency is 360 kHz
(2) Output power from each primary coil is less than or equal to 15 watts.	Yes. The maximum power is 5 Watts
(3) The transfer system includes only single primary and secondary coils. This includes charging systems that may have multiple primary coils and clients that are able to detect and allow coupling only between individual pairs of coils.	Yes. The system includes one single primary and secondary coil and the device is designed to charge a single client
(4) Client device is placed directly in contact with the transmitter.	Yes. The client device is placed directly in contact with the transmitter.
(5) Mobile exposure conditions only (portable exposure conditions are not covered by this exclusion).	No. It is a portable device.
(6) The aggregate H-field strengths at 15 cm surrounding the device and 20 cm above the top surface from all simultaneous transmitting coils are demonstrated to be less than 50% of the MPE limit.	No. The measurement is based on KDB inquiry which 0mm distance is set for all positions testing.

6. EQUIPMENT UNDER TEST

6.1. DESCRIPTION OF EUT

The Apple iPhone is a smartphone with multimedia functions (music, application support, and video), cellular GSM, GPRS, EGPRS, UMTS, LTE, 5G, CDMA, IEEE 802.11a/b/g/n/ac/ax, Bluetooth, Ultra-Wideband, GPS and NFC. All models support at least one UICC based SIM. The second SIM is either an UICC based p-SIM (physical SIM) or e-SIM (electronic SIM). The device supports a built-in inductive charging transmitter and receiver. The rechargeable battery is not user accessible.

Model A2644 and A2645 have same FCC ID, Spot check was performed only for Model A2645, difference between these models are on the SIM only.

The Models and FCC ID covered by this report includes:

Parent Model: A2484, FCC ID: BCG-E4003A

Variant Models: A2641; FCC ID: BCG-E4005A
A2643; FCC ID: BCG-E4035A
A2644; FCC ID: BCG-E4036A
A2645; FCC ID: BCG-E4036A

6.2. WORST-CASE CONFIGURATION AND MODE

The EUT is a smartphone which connected to the AC/DC adapter via USB-C cable, and the inductive charging coil to charge WPT Client. For the entire radiated emissions test, the EUT was investigated on the following configuration during the test at its natural orientation.
Full test, configuration 1 & 2, was investigated on Parent model, and the worst case was configuration 2 at 25-70% power charging 2mm shift to the top, therefore, config 2, worst case was investigated only on variant models. In addition, worst case at H field on configuration 2 was investigated only on Top at 2, 4. 6. 8 and 10cm distance

Model A2484

Config	Mode	Descriptions
1	Operating	Direct contact charging between the EUT & WPT Client, and the EUT is powered by AC/DC adapter via USB-C cable.
2	Operating	2mm airgap charging between the EUT & WPT Client + 2mm offset shift to Top or Bottom, and the EUT is powered by AC/DC adapter via USB-C cable.

A2641, A2643, A2644, A2645 (Variant Model, Spot Check Worst Case)

Config	Mode	Descriptions
2	Operating	2mm airgap charging between the EUT & WPT Client + 2mm offset shift to Top or Bottom@ 25 ~ 70% power charging, and the EUT is powered by AC/DC adapter via USB-C cable.

6.3. DESCRIPTION OF TEST SETUP

SUPPORT EQUIPMENT

SUPPORT EQUIPMENT & PERIPHERALS LIST			
Description	**Manufacturer**	**Model**	**Serial Number**
WPT Client	N/A	N/A	N/A
AC/DC Adapter	Apple	A1385	N/A

I/O CABLES

The EUT with lightning to USB-C cable powered by AC/DC Adapter.

TEST SETUP

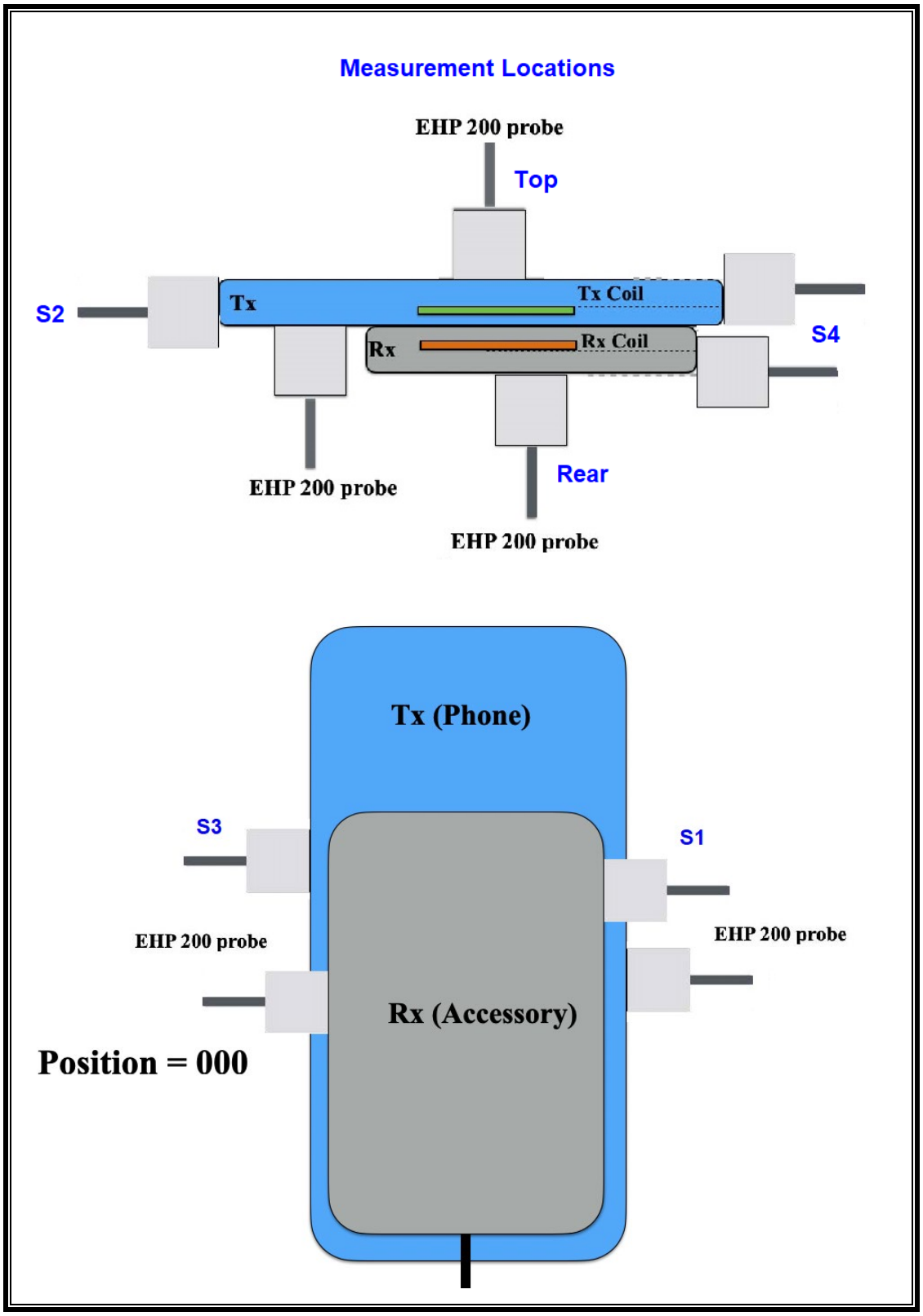
The following configurations are tested:

Configuration	Mode	Descriptions
1 (Direct Contact)	Operating (WPT Client, ~25% Power Charging)	EUT with lightning to USB-C cable powered by AC/DC Adapter & Wireless Charging to WPT Client
	Operating (WPT Client, 25%~70% Power Charging)	
	Operating (WPT Client >75% Power Charging)	
2 (2mm Airgap + 2mm Shift to Top or Bottom)	Operating (WPT Client, ~25% Power Charging)	EUT with lightning to USB-C cable powered by AC/DC Adapter & Wireless Charging to WPT Client
	Operating (WPT Client, 25%~70% Power Charging)	
	Operating (WPT Client >75% Power Charging)	

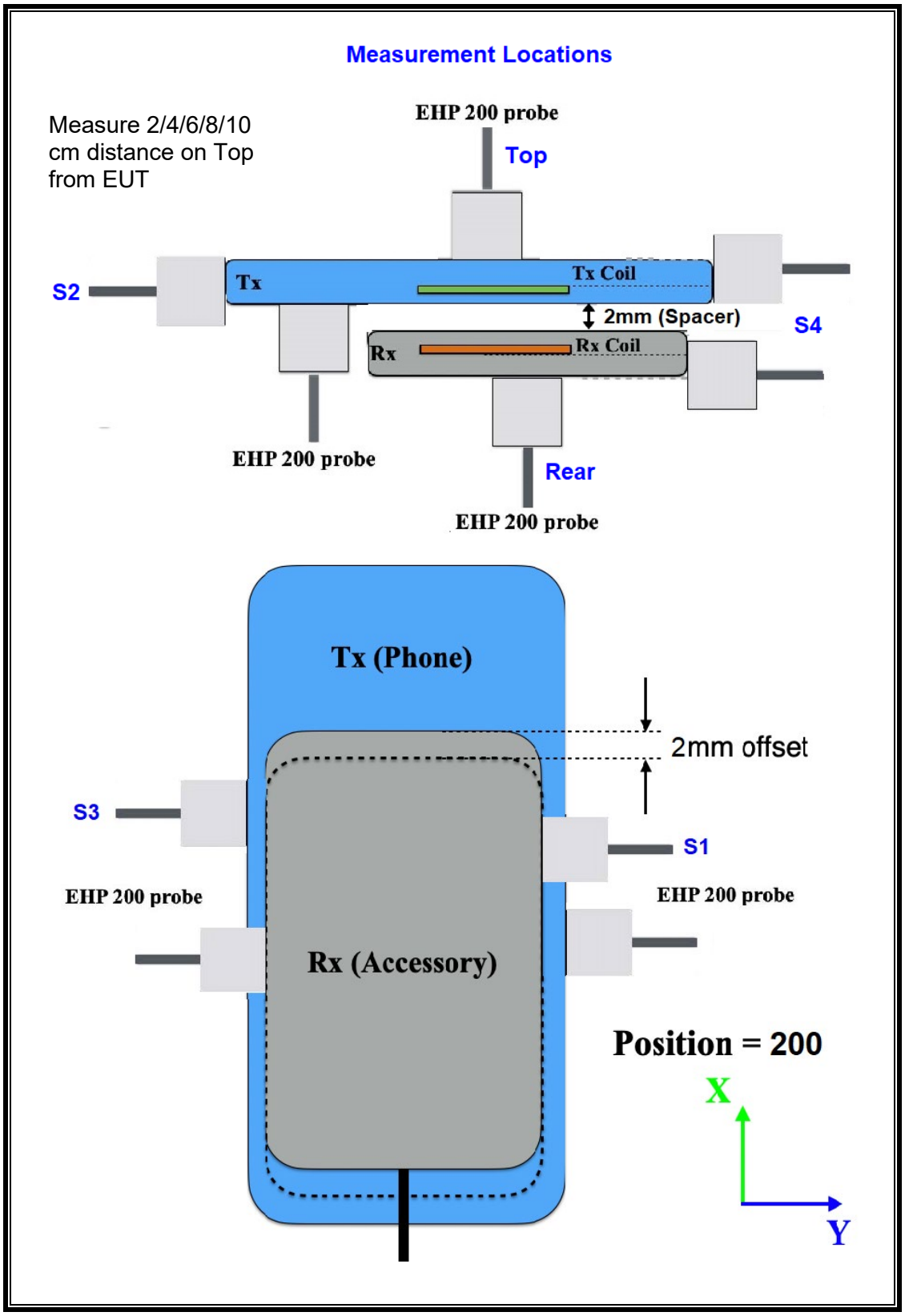
MEASUREMENT SETUP

The measurement was taken using a probe placed 0 mm surrounding the device. Measurements were taken from the top and all sides of the EUT per KDB680106 D01 v03 and the manufacturer KDB inquiry.

CONFIGURATION 1



CONFIGURATION 2



7. TEST AND MEASUREMENT EQUIPMENT

The following test and measurement equipment was used for the tests documented in this report:

Test Equipment List						
Description	**Manufacturer**	**Model**	**S/N**	**Label ID**	**Cal Due**	**Cal Date**
Electric and Magnetic Field Probe	Narda	EHP-200A	160WX41008	T1085	03/16/2022	03/16/2021
Spectrum Analyzer, PXA, 3Hz to 44GHz	Agilent (Keysight) Technologies	N9030A-544	MY52350176	T1210	01/22/2022	01/22/2021

8. DUTY CYCLE

LIMITS

None; for reporting purposes only.

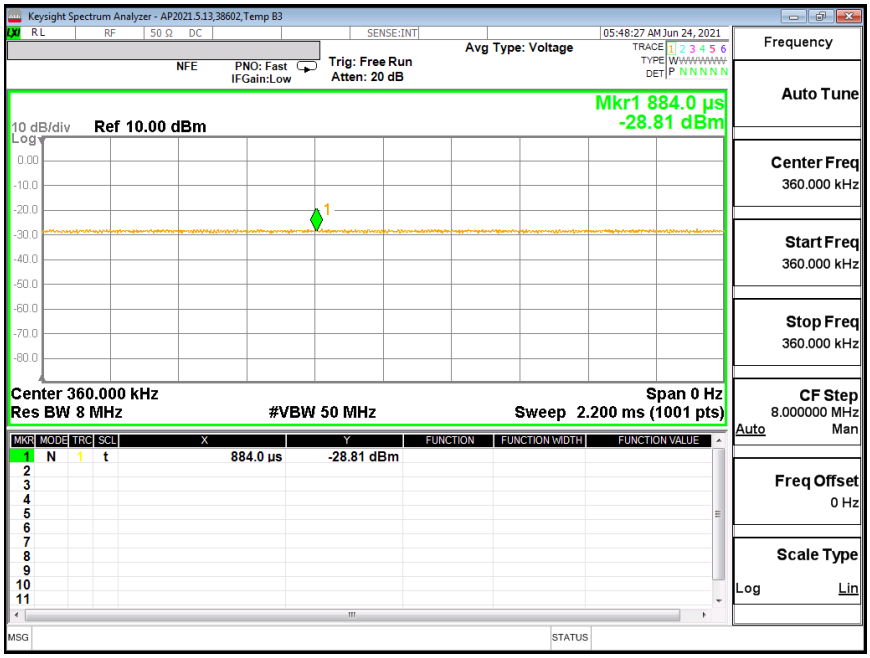
PROCEDURE

Zero-Span Spectrum Analyzer Method.

ON TIME AND DUTY CYCLE RESULTS

Mode	ON Time B (msec)	Period (msec)	Duty Cycle x (linear)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)
Operating	100.00	100.00	1.00	100.00%	0.00

OPERATING MODE



9. MAXIMUM PERMISSIBLE RF EXPOSURE

9.1. FCC LIMITS AND SUMMARY

§1.1310 The criteria listed in Table 1 shall be used to evaluate the environmental impact of human exposure to radio-frequency (RF) radiation as specified in §1.1307(b), except in the case of portable devices which shall be evaluated according to the provisions of §2.1093 of this chapter.

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 Exposures				
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
300–1500	.....	.....	f/300	6
1500–100,000	.....	.....	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

TABLE 1—LIMITS FOR MAXIMUM PERMISSIBLE EXPOSURE (MPE)—Continued

Frequency range (MHz)	Electric field strength (V/m)	Magnetic field strength (A/m)	Power density (mW/cm^2)	Averaging time (minutes)
30–300	27.5	0.073	0.2	30
300–1500	.....	.....	f/1500	30
1500–100,000	.....	.....	1.0	30

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

NOTE 1 TO TABLE 1: Occupational/controlled limits apply in situations in which persons are exposed as a consequence of their employment provided those persons are fully aware of the potential for exposure and can exercise control over their exposure. Limits for occupational/controlled exposure also apply in situations when an individual is transient through a location where occupational/controlled limits apply provided he or she is made aware of the potential for exposure.

NOTE 2 TO TABLE 1: General population/uncontrolled exposures apply in situations in which the general public may be exposed, or in which persons that are exposed as a consequence of their employment may not be fully aware of the potential for exposure or can not exercise control over their exposure.

9.1.1. MODEL A2484

RESULTS

ID:	38602	Date:	6/25/2021 & 8/25/2021

FCC RF Exposure Summary of Results

Configuration #1:

Electric Field Limit			Magnetic Field Limit		
FCC RF Exposure Limit	Maximum Average (V/m)	Percentage (%)	FCC RF Exposure	Maximum Average (A/m)	Percentage (%)
614	0.921	0.15%	1.63	0.415	25.46%

Configuration #2:

Electric Field Limit			Magnetic Field Limit		
FCC RF Exposure Limit	Maximum Average (V/m)	Percentage (%)	FCC RF Exposure	Maximum Average (A/m)	Percentage (%)
614	0.956	0.16%	1.63	0.598	36.69%

E- FIELD AND H- FIELD MEASUREMENTS

Note: Peak measurements were performed. RMS values were calculated from the peak measurement. Please refer to the formula for calculating the RMS values: [Field Strength x √Duty Cycle].

Configuration #1

FCC Limit

Configuration	Test Mode	Measuring Distance (cm)	Electric Field Limit (V/m)	Electric Field Reading (V/m)				Magnetic Field Limit (A/m)	Magnetic Field Reading (A/m)			
			FCC	Location	Peak	Duty Cycle %	FCC Average	FCC	Location	Peak	Duty Cycle %	FCC Average
1	Operating Real Product (Power <25% Charging)	0	614	S1	0.145	100	0.145	1.63	S1	0.373	100	0.373
				S2	0.156		0.156		S2	0.375		0.375
				S3	0.156		0.156		S3	0.370		0.370
				S4	0.149		0.149		S4	0.378		0.378
				Bottom	0.916		0.916		Bottom	0.371		0.371
				Top	0.157		0.157		Top	0.374		0.374
				Max	0.916		0.916		Max	0.374		0.374
	Operating Real Product (Power ~ 25% -70% Charging)			S1	0.157	100	0.157		S1	0.394	100	0.394
				S2	0.156		0.156		S2	0.385		0.385
				S3	0.164		0.164		S3	0.395		0.395
				S4	0.162		0.162		S4	0.385		0.385
				Bottom	0.921		**0.921**		Bottom	0.388		0.388
				Top	0.161		0.161		Top	0.415		**0.415**
				Max	0.921		**0.921**		Max	0.415		**0.415**
	Operating Real Product (Power >75% Charging)			S1	0.154	100	0.154		S1	0.367	100	0.367
				S2	0.157		0.157		S2	0.361		0.361
				S3	0.174		0.174		S3	0.353		0.353
				S4	0.157		0.157		S4	0.365		0.365
				Bottom	0.896		0.896		Bottom	0.349		0.349
				Top	0.157		0.157		Top	0.375		0.375
				Max	0.896		0.896		Max	0.375		0.375

Configuration #2

FCC Limit

Configuration	Test Mode	Measuring Distance (cm)	Electric Field Limit (V/m)	Electric Field Reading (V/m)				Magnetic Field Limit (A/m)	Magnetic Field Reading (A/m)			
			FCC	Location	Peak	Duty Cycle %	FCC Average	FCC	Location	Peak	Duty Cycle %	FCC Average
2	Operating Real Product (Power <25% Charging) (2mm Airgap at Center)	0	614	S1	0.375	100	0.375	1.63	S1	0.246	100	0.246
				S2	0.348		0.348		S2	0.027		0.027
				S3	0.257		0.257		S3	0.246		0.246
				S4	0.358		0.358		S4	0.045		0.045
				Bottom	0.633		0.633		Bottom	0.111		0.111
				Top	0.455		0.455		Top	0.081		0.081
				Max	0.633		0.633		Max	0.246		0.246
	Operating Real Product (Power <25% Charging) (2mm Airgap & 2mm Shift to the Top)			S1	0.321	100	0.321		S1	0.537	100	0.537
				S2	0.430		0.430		S2	0.194		0.194
				S3	0.279		0.279		S3	0.345		0.345
				S4	0.358		0.358		S4	0.077		0.077
				Bottom	0.817		0.817		Bottom	0.318		0.318
				Top	0.453		0.453		Top	0.115		0.115
				Max	0.817		0.817		Max	0.537		0.537
	Operating Real Product (Power 25% Charging) (2mm Airgap & 2mm Shift to the Bottom)			S1	0.198	100	0.198		S1	0.082	100	0.082
				S2	0.348		0.348		S2	0.038		0.038
				S3	0.156		0.156		S3	0.151		0.151
				S4	0.146		0.146		S4	0.047		0.047
				Bottom	0.805		0.805		Bottom	0.105		0.105
				Top	0.152		0.152		Top	0.078		0.078
				Max	0.805		0.805		Max	0.151		0.151
	Operating Real Product (Power ~ 25% - 70% Charging) (2mm Airgap at Center)			S1	0.274	100	0.274		S1	0.238	100	0.238
				S2	0.155		0.155		S2	0.031		0.031
				S3	0.258		0.258		S3	0.250		0.250
				S4	0.458		0.458		S4	0.036		0.036
				Bottom	0.658		0.658		Bottom	0.116		0.116
				Top	0.177		0.177		Top	0.085		0.085
				Max	0.658		0.658		Max	0.250		0.250
	Operating Real Product (Power ~ 25% - 70% Charging) (2mm Airgap & 2mm Shift to the Top)			S1	0.399	100	0.399		S1	0.598	100	**0.598**
				S2	0.337		0.337		S2	0.195		0.195
				S3	0.393		0.393		S3	0.346		0.346
				S4	0.261		0.261		S4	0.076		0.076
				Bottom	0.956		**0.956**		Bottom	0.323		0.323
				Top	0.278		0.278		Top	0.121		0.121
				Max	0.956		**0.956**		Max	0.598		**0.598**
	Operating Real Product (Power ~ 25% - 70% Charging) (2mm Airgap & 2mm Shift to the Bottom)			S1	0.186	100	0.186		S1	0.070	100	0.070
				S2	0.316		0.316		S2	0.039		0.039
				S3	0.357		0.357		S3	0.144		0.144
				S4	0.155		0.155		S4	0.051		0.051
				Bottom	0.806		0.806		Bottom	0.114		0.114
				Top	0.173		0.173		Top	0.079		0.079
				Max	0.806		0.806		Max	0.144		0.144
	Operating Real Product (Power >75% Charging) (2mm Airgap at Center)			S1	0.177	100	0.177		S1	0.249	100	0.249
				S2	0.356		0.356		S2	0.030		0.030
				S3	0.257		0.257		S3	0.246		0.246
				S4	0.157		0.157		S4	0.043		0.043
				Bottom	0.644		0.644		Bottom	0.159		0.159
				Top	0.158		0.158		Top	0.079		0.079
				Max	0.644		0.644		Max	0.246		0.246
	Operating Real Product (Power >75% Charging) (2mm Airgap & 2mm Shift to the Top)			S1	0.394	100	0.394		S1	0.552	100	0.552
				S2	0.230		0.230		S2	0.194		0.194
				S3	0.288		0.288		S3	0.349		0.349
				S4	0.457		0.457		S4	0.075		0.075
				Bottom	0.828		0.828		Bottom	0.348		0.348
				Top	0.159		0.159		Top	0.122		0.122
				Max	0.828		0.828		Max	0.552		0.552
	Operating Real Product (Power >75% Charging) (2mm Airgap & 2mm Shift to the Bottom)			S1	0.174	100	0.174		S1	0.069	100	0.069
				S2	0.364		0.364		S2	0.039		0.039
				S3	0.156		0.156		S3	0.141		0.141
				S4	0.352		0.352		S4	0.048		0.048
				Bottom	0.802		0.802		Bottom	0.111		0.111
				Top	0.168		0.168		Top	0.076		0.076
				Max	0.802		0.802		Max	0.141		0.141

Configuration #2 (With 2_4_6_8_10cm distance)

FCC Limit

Configuration	Test Mode	Measuring Distance (cm)	Magnetic Field Limit (A/m)	Magnetic Field Reading (A/m)			
			FCC	Location	Peak	Duty Cycle %	FCC Average
2	Operating Real Product (Power ~ 25% - 70% Charging) (2mm Airgap & 2mm Shift to the Top)	0 cm	1.63	S1	0.525	100	0.525
				S2	0.395		0.395
				S3	0.346		0.346
				S4	0.477		0.477
				Bottom	0.323		0.323
				Top	0.598		**0.598**
				Max	0.598		**0.598**
	Operating Real Product (Power ~ 25% - 70% Charging) (2mm Airgap & 2mm Shift to the Top)	2 cm	1.63	S1		100	
				S2			
				S3			
				S4			
				Bottom			
				Top	0.091		0.091
				Max	0.091		0.091
	Operating Real Product (Power ~ 25% - 70% Charging) (2mm Airgap & 2mm Shift to the Top)	4 cm	1.63	S1		100	
				S2			
				S3			
				S4			
				Bottom			
				Top	0.063		0.063
				Max	0.063		0.063
	Operating Real Product (Power ~ 25% - 70% Charging) (2mm Airgap & 2mm Shift to the Top)	6 cm	1.63	S1		100	
				S2			
				S3			
				S4			
				Bottom			
				Top	0.052		0.052
				Max	0.052		0.052
	Operating Real Product (Power ~ 25% - 70% Charging) (2mm Airgap & 2mm Shift to the Top)	8 cm	1.63	S1		100	
				S2			
				S3			
				S4			
				Bottom			
				Top	0.051		0.051
				Max	0.051		0.051
	Operating Real Product (Power ~ 25% - 70% Charging) (2mm Airgap & 2mm Shift to the Top)	10 cm	1.63	S1		100	
				S2			
				S3			
				S4			
				Bottom			
				Top	0.049		0.049
				Max	0.049		0.049

9.1.2. MODEL A2641

RESULTS

ID:	38602	Date:	6/25/21

FCC RF Exposure Summary of Results

Configuration #2:

Electric Field Limit			Magnetic Field Limit		
FCC RF Exposure Limit	Maximum Average (V/m)	Percentage (%)	FCC RF Exposure	Maximum Average (A/m)	Percentage (%)
614	0.843	0.14%	1.63	0.492	30.18%

E- FIELD AND H- FIELD MEASUREMENTS

Note: Peak measurements were performed. RMS values were calculated from the peak measurement. Please refer to the formula for calculating the RMS values: [Field Strength x √Duty Cycle].

FCC Limit

Configuration	Test Mode	Measuring Distance (cm)	Electric Field Limit (V/m)	Electric Field Reading (V/m)				Magnetic Field Limit (A/m)	Magnetic Field Reading (A/m)			
			FCC	Location	Peak	Duty Cycle %	FCC Average	FCC	Location	Peak	Duty Cycle %	FCC Average
2	Operating Real Product (Power ~ 25% - 70% Charging) (2mm Airgap & 2mm Shift to the Top)	0	614	S1	0.331	100	0.331	1.63	S1	0.369	100	0.369
				S2	0.360		0.360		S2	0.337		0.337
				S3	0.387		0.387		S3	0.398		0.398
				S4	0.368		0.368		S4	0.309		0.309
				Bottom	0.843		**0.843**		Bottom	0.492		**0.492**
				Top	0.457		0.457		Top	0.485		0.485
				Max	0.843		**0.843**		Max	0.492		**0.492**

9.1.3. MODEL A2643

RESULTS

ID:	38602	Date:	7/13/21

FCC RF Exposure Summary of Results

Configuration #2:

Electric Field Limit			Magnetic Field Limit		
FCC RF Exposure Limit	Maximum Average (V/m)	Percentage (%)	FCC RF Exposure	Maximum Average (A/m)	Percentage (%)
614	0.831	0.14%	1.63	0.591	36.26%

E- FIELD AND H- FIELD MEASUREMENTS

Note: Peak measurements were performed. RMS values were calculated from the peak measurement. Please refer to the formula for calculating the RMS values: [Field Strength x √Duty Cycle].

FCC Limit

Configuration	Test Mode	Measuring Distance (cm)	Electric Field Limit (V/m)	Electric Field Reading (V/m)				Magnetic Field Limit (A/m)	Magnetic Field Reading (A/m)			
			FCC	Location	Peak	Duty Cycle %	FCC Average	FCC	Location	Peak	Duty Cycle %	FCC Average
2	Operating Real Product (Power ~ 25% - 70% Charging) (2mm Airgap & 2mm Shift to the Top)	0	614	S1	0.401	100	0.401	1.63	S1	0.591	100	**0.591**
				S2	0.306		0.306		S2	0.202		0.202
				S3	0.459		0.459		S3	0.399		0.399
				S4	0.311		0.311		S4	0.378		0.378
				Bottom	0.831		**0.831**		Bottom	0.354		0.354
				Top	0.485		0.485		Top	0.463		0.463
				Max	0.831		**0.831**		Max	0.591		**0.591**

9.1.4. MODEL A2645/A2644

RESULTS

ID:	38602	Date:	7/13/21

FCC RF Exposure Summary of Results

Configuration #2:

Electric Field Limit			Magnetic Field Limit		
FCC RF Exposure Limit	Maximum Average (V/m)	Percentage (%)	FCC RF Exposure	Maximum Average (A/m)	Percentage (%)
614	0.803	0.13%	1.63	0.557	34.17%

E- FIELD AND H- FIELD MEASUREMENTS

Note: Peak measurements were performed. RMS values were calculated from the peak measurement. Please refer to the formula for calculating the RMS values: [Field Strength x √Duty Cycle].

FCC Limit

FCC Limit

Configuration	Test Mode	Measuring Distance (cm)	Electric Field Limit (V/m)	Electric Field Reading (V/m)				Magnetic Field Limit (A/m)	Magnetic Field Reading (A/m)			
			FCC	Location	Peak	Duty Cycle %	FCC Average	FCC	Location	Peak	Duty Cycle %	FCC Average
2	Operating Real Product (Power ~ 25% - 70% Charging) (2mm Airgap & 2mm Shift to the Top)	0	614	S1	0.392	100	0.392	1.63	S1	0.557	100	**0.557**
				S2	0.357		0.357		S2	0.192		0.192
				S3	0.348		0.348		S3	0.381		0.381
				S4	0.295		0.295		S4	0.339		0.339
				Bottom	0.803		**0.803**		Bottom	0.346		0.346
				Top	0.361		0.361		Top	0.389		0.389
				Max	0.803		**0.803**		Max	0.557		**0.557**

10. SETUP PHOTO

Please see setup photo report 13573771-EP1V1

END OF REPORT

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