



FCC Part 1 Subpart I
FCC Part 2 Subpart J

CERTIFICATION TEST REPORT

FOR

SMART PHONE

**MODEL NO: A2483 (Parent Model, Full Test)
A2636, A2638, A2639, A2640 (Variant Models)**

**FCC ID: BCG-E4000A (Parent Model)
FCC ID: BCG-E4002A, BCG-E4033A, BCG-E4034A (Variant
Models)**

REPORT NUMBER: 13571601-E15V3

ISSUE DATE: AUGUST 25, 2021

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

Prepared by
UL VERIFICATION SERVICES INC.
47173 BENICIA STREET
FREMONT, CA 94538, U.S.A.
TEL: (510) 771-1000
FAX: (510) 661-0888



Revision History

Rev.	Issue Date	Revisions	Revised By
V1	7/14/2021	Initial Issue	T. Chan
V2	7/26/2021	Address TCB's question on Section 6.1 & Section 9.1.4 and page 5 Section 2	Chin Pang
V3	8/25/2021	Add 2/4/6/8/10 cm distance in page 17	Chin Pang

TABLE OF CONTENTS

1. ATTESTATION OF TEST RESULTS	4
2. TEST METHODOLOGY	5
3. FACILITIES AND ACCREDITATION	5
4. DECISION RULES AND MEASUREMENT UNCERTAINTY	5
4.1. METROLOGICAL TRACEABILITY	5
4.2. DECISION RULES.....	5
4.3. MEASUREMENT UNCERTAINTY.....	5
5. KDB 680106 D01 SECTION 5b EQUIPMENT APPROVAL CONSIDERATIONS	6
6. EQUIPMENT UNDER TEST	7
6.1. DESCRIPTION OF EUT	7
6.2. WORST-CASE CONFIGURATION AND MODE.....	7
6.3. DESCRIPTION OF TEST SETUP.....	8
7. TEST AND MEASUREMENT EQUIPMENT	11
8. DUTY CYCLE.....	12
9. MAXIMUM PERMISSIBLE RF EXPOSURE	13
9.1. FCC LIMITS AND SUMMARY	13
9.1.1. MODEL A2483.....	14
9.1.2. MODEL A2636.....	18
9.1.3. MODEL A2638.....	19
9.1.4. MODEL A2640/A2639	20
10. SETUP PHOTO.....	21

1. ATTESTATION OF TEST RESULTS

COMPANY NAME: APPLE INC.
1 APPLE PARK WAY
CUPERTINO, CA 95014, U.S.A

EUT DESCRIPTION: SMARTPHONE

MODEL: A2483 (Parent Model, Full Test)
A2636, A2638, A2639, A2640 (Variant Models)

BRAND: APPLE

SERIAL NUMBER: P6H39XX4F4 (Parent Model, Full Test)
MKCWQ6VQTH, P9DCJ65WQX, KP74W9FCWJ (Variant Models)

SAMPLE RECEIPT DATE JUNE 08, 2021, 6/23/2021

DATE TESTED: JUNE 08-23, 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.

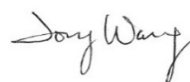
This document may not be altered or revised in any way unless done so by UL Verification Services Inc. and all revisions are duly noted in the revisions section. Any alteration of this document not carried out by UL Verification Services Inc. will constitute fraud and shall nullify the document. This 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:

Prepared By:



Chin Pang
Senior Engineer
UL Verification Service Inc.



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
<input type="checkbox"/>	Building 1: 47173 Benicia Street, Fremont, CA 94538	US0104	2324A	208313
<input checked="" type="checkbox"/>	Building 2: 47266 Benicia Street, Fremont, CA 94538	US0104	22541	208313
<input type="checkbox"/>	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 A2639 and A2640 have same FCC ID, Spot check was performed only for Model A2640, difference between these models are on the SIM only.

The Model and FCC ID covered by this report includes:

Parent Model: A2483, FCC ID: BCG-E4000A

Variant Models: A2636; FCC ID: BCG-E4002A
A2638; FCC ID: BCG-E4033A
A2639; FCC ID: BCG-E4034A
A2640; FCC ID: BCG-E4034A

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 S1 at 2, 4, 6, 8 and 10cm distance

Model A2483

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.

A2636, A2638, A2639, A2640 (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.

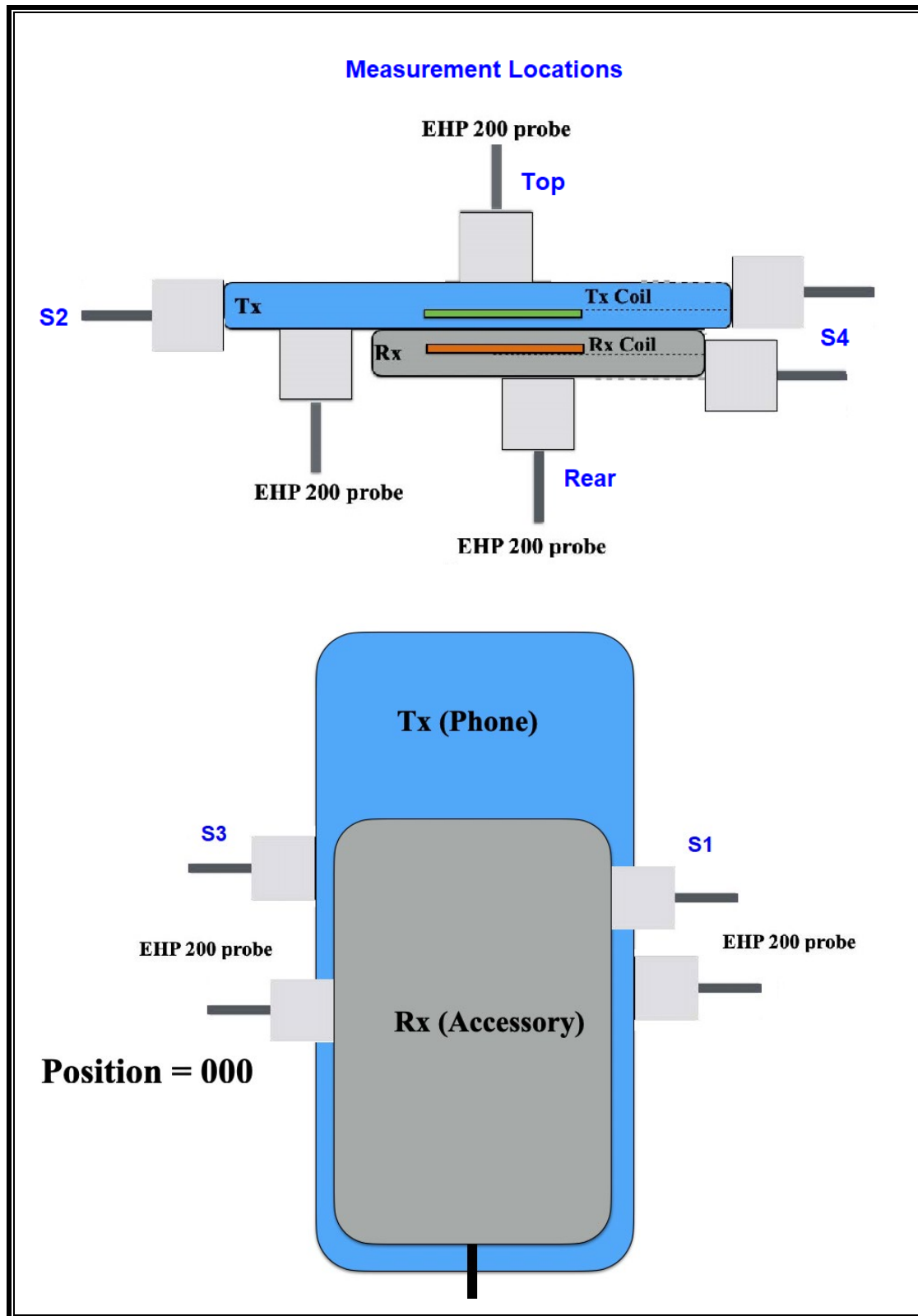
TEST SETUP

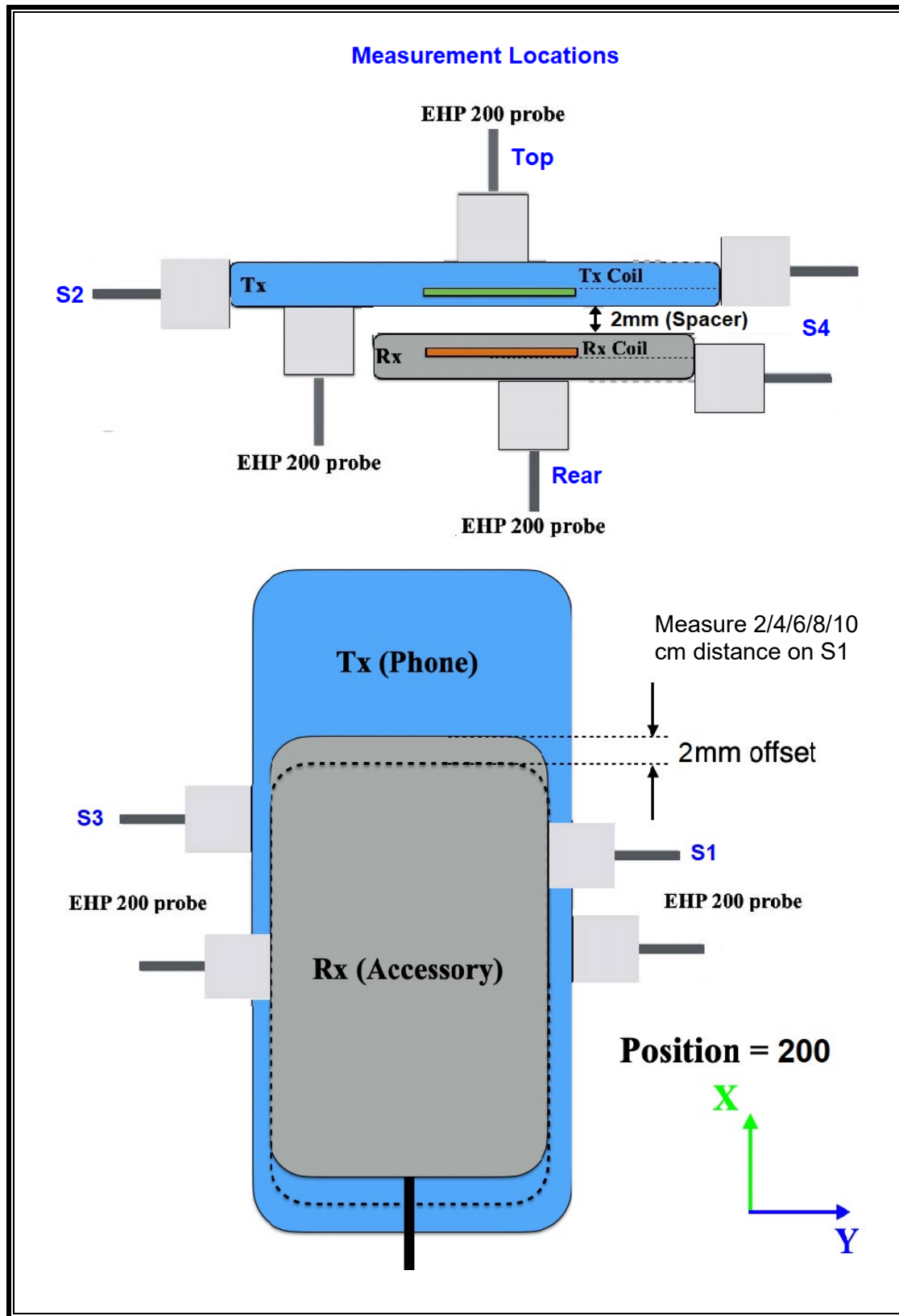
The following configurations are tested:

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

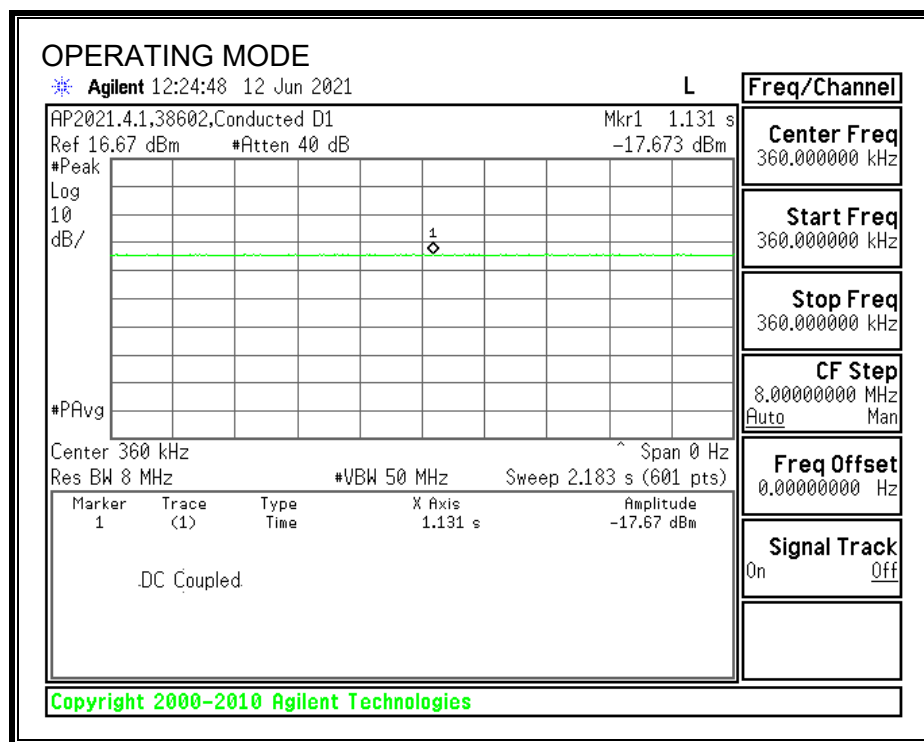
None; for reporting purposes only.

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



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 A2483**RESULTS**

ID:	38602	Date:	6/8/2021 & 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	0.952	0.16%	1.63	0.395	24.23%

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	0.975	0.16%	1.63	0.725	44.48%

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: $[\text{Field Strength} \times \sqrt{\text{Duty Cycle}}]$.

Configuration #1

FCC Limit												
Configuration	Test Mode	Measuring Distance (cm)	Electric Field Limit	Electric Field Reading				Magnetic Field Limit	Magnetic Field Reading			
			(V/m)	(V/m)				(A/m)	(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	0.164	100	0.164	1.63	S1	0.337	100	0.337
				S2	0.148		0.148		S2	0.020		0.020
				S3	0.164		0.164		S3	0.041		0.041
				S4	0.134		0.134		S4	0.022		0.022
				Bottom	0.752		0.752		Bottom	0.027		0.027
				Top	0.884		0.884		Top	0.061		0.061
				Max	0.884		0.884		Max	0.061		0.061
				S1	0.201		100		0.201	S1		0.354
	S2			0.157	0.157	S2			0.327	0.327		
	S3			0.201	0.201	S3			0.332	0.332		
	S4			0.175	0.175	S4			0.344	0.344		
	Bottom			0.808	0.808	Bottom			0.326	0.326		
	Top			0.952	0.952	Top			0.395	0.095		
	Max			0.952	0.952	Max			0.395	0.395		
	S1			0.191	100	0.191			S1	0.355	100	0.355
	S2			0.179		0.179	S2		0.324	0.324		
	S3			0.181		0.181	S3		0.322	0.322		
	S4			0.179		0.179	S4		0.323	0.323		
	Bottom			0.814		0.814	Bottom		0.324	0.324		
	Top			0.845		0.845	Top		0.361	0.361		
	Max			0.845		0.845	Max		0.361	0.361		

Configuration #2

FCC Limit													
Configuration	Test Mode	Measuring Distance (cm)	Electric Field Limit	Electric Field Reading				Magnetic Field Limit	Magnetic Field Reading				
			(V/m)	(V/m)				(A/m)	(A/m)				
			FCC	Location	Peak	Duty Cycle %	FCC Average	FCC	Location	Peak	Duty Cycle %	FCC Average	
288-N70	Operating Real Product (Power <25% Charging) (2mm Airgap at Center)	0	614	S1	0.097	100	0.097	1.63	S1	0.061	100	0.061	0.061
				S2	0.054		0.054		S2	0.071		0.071	0.071
				S3	0.106		0.106		S3	0.157		0.157	0.157
				S4	0.065		0.065		S4	0.062		0.062	0.062
				Bottom	0.597		0.597		Bottom	0.144		0.144	0.144
				Top	0.062		0.062		Top	0.092		0.092	0.092
				Max	0.597		0.597		Max	0.157		0.157	0.157
				S1	0.136		100		0.136	S1		0.405	100
	S2			0.115	0.115	S2			0.239	0.239	0.239		
	S3			0.249	0.249	S3			0.321	0.321	0.321		
	S4			0.081	0.081	S4			0.094	0.094	0.094		
	Bottom			0.724	0.724	Bottom			0.146	0.146	0.146		
	Top			0.087	0.087	Top			0.140	0.140	0.140		
	Max			0.724	0.724	Max			0.405	0.405	0.405		
	S1			0.110	100	0.110			S1	0.022	100	0.022	
	S2			0.055		0.055	S2		0.079	0.079		0.079	
	S3			0.098		0.098	S3		0.073	0.073		0.073	
	S4			0.061		0.061	S4		0.071	0.071		0.071	
	Bottom			0.723		0.723	Bottom		0.127	0.127		0.127	
	Top			0.065		0.065	Top		0.099	0.099		0.099	
	Max			0.723		0.723	Max		0.127	0.127		0.127	
	S1			0.120		100	0.120		S1	0.095		100	0.095
	S2			0.055	0.055		S2		0.072	0.072	0.072		
	S3			0.108	0.108		S3		0.196	0.196	0.196		
	S4			0.062	0.062		S4		0.070	0.070	0.070		
	Bottom			0.696	0.696		Bottom		0.146	0.146	0.146		
	Top			0.096	0.096		Top		0.098	0.098	0.098		
	Max			0.696	0.696		Max		0.196	0.196	0.196		
	S1			0.425	100		0.425		S1	0.725	100		0.725
	S2			0.457		0.457	S2		0.514	0.514		0.514	
	S3			0.553		0.553	S3		0.288	0.288		0.288	
	S4			0.785		0.785	S4		0.425	0.425		0.425	
	Bottom			0.975		0.975	Bottom		0.182	0.182		0.182	
	Top			0.575		0.575	Top		0.378	0.378		0.378	
	Max			0.975		0.975	Max		0.725	0.725		0.725	
	S1			0.110		100	0.110		S1	0.021		100	0.021
	S2			0.057	0.057		S2		0.080	0.080	0.080		
	S3			0.107	0.107		S3		0.105	0.105	0.105		
	S4			0.061	0.061		S4		0.073	0.073	0.073		
	Bottom			0.749	0.749		Bottom		0.138	0.138	0.138		
	Top			0.072	0.072		Top		0.094	0.094	0.094		
	Max			0.749	0.749		Max		0.138	0.138	0.138		
	S1			0.123	100		0.123		S1	0.109	100		0.109
	S2			0.054		0.054	S2		0.072	0.072		0.072	
	S3			0.106		0.106	S3		0.191	0.191		0.191	
	S4			0.088		0.088	S4		0.064	0.064		0.064	
	Bottom			0.627		0.627	Bottom		0.141	0.141		0.141	
	Top			0.097		0.097	Top		0.093	0.093		0.093	
	Max			0.627		0.627	Max		0.191	0.191		0.191	
	S1			0.144		100	0.144		S1	0.487		100	0.487
	S2			0.120	0.120		S2		0.245	0.245	0.245		
	S3			0.215	0.215		S3		0.224	0.224	0.224		
	S4			0.083	0.083		S4		0.297	0.297	0.297		
	Bottom			0.713	0.713		Bottom		0.378	0.378	0.378		
	Top			0.089	0.089		Top		0.426	0.426	0.426		
	Max			0.713	0.713		Max		0.487	0.487	0.487		
	S1			0.112	100		0.112		S1	0.093	100		0.093
	S2			0.057		0.057	S2		0.079	0.079		0.079	
	S3			0.104		0.104	S3		0.147	0.147		0.147	
	S4			0.067		0.067	S4		0.079	0.079		0.079	
	Bottom			0.733		0.733	Bottom		0.139	0.139		0.139	
	Top			0.059		0.059	Top		0.089	0.089		0.089	
	Max			0.733		0.733	Max		0.139	0.139		0.139	

Configuration #2 AT 2/4/6/8/10 cm 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
1	Operating Real Product (Power ~ 25% - 70% Charging) (2mm Airgap & 2mm Shift to the Top)	0 cm	1.63	S1	0.725	100	0.725
				S2	0.514		0.514
				S3	0.288		0.288
				S4	0.425		0.425
				Bottom	0.182		0.182
				Top	0.378		0.378
				Max	0.725		0.725
				S1	0.108	100	0.108
	Operating Real Product (Power ~ 25% - 70% Charging) (2mm Airgap & 2mm Shift to the Top)	2 cm	1.63	S2			
				S3			
				S4			
				Bottom			
				Top			
				Max	0.108		0.108
				S1	0.061	100	0.061
	Operating Real Product (Power ~ 25% - 70% Charging) (2mm Airgap & 2mm Shift to the Top)	4 cm	1.63	S2			
				S3			
				S4			
				Bottom			
				Top			
				Max	0.061		0.061
				S1	0.051	100	0.051
	Operating Real Product (Power ~ 25% - 70% Charging) (2mm Airgap & 2mm Shift to the Top)	6 cm	1.63	S2			
				S3			
				S4			
				Bottom			
				Top			
				Max	0.051		0.051
				S1	0.051	100	0.051
	Operating Real Product (Power ~ 25% - 70% Charging) (2mm Airgap & 2mm Shift to the Top)	8 cm	1.63	S2			
				S3			
				S4			
				Bottom			
				Top			
				Max	0.051		0.051
				S1	0.049	100	0.049
	Operating Real Product (Power ~ 25% - 70% Charging) (2mm Airgap & 2mm Shift to the Top)	10 cm	1.63	S2			
				S3			
				S4			
				Bottom			
				Top			
				Max	0.049		0.049

9.1.2. MODEL A2636**RESULTS**

ID:	38602	Date:	6/9/21
------------	-------	--------------	--------

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	0.845	0.14%	1.63	0.626	38.40%

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 $\sqrt{\text{Duty Cycle}}$].

Configuration #2

FCC Limit												
Configuration	Test Mode	Measuring Distance (cm)	Electric Field Limit	Electric Field Reading				Magnetic Field Limit	Magnetic Field Reading			
			(V/m)	(V/m)				(A/m)	(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	0.394	100	0.394	1.63	S1	0.469	100	0.469
				S2	0.415		0.415		S2	0.431		0.431
				S3	0.505		0.505		S3	0.626		0.626
				S4	0.525		0.525		S4	0.391		0.391
				Bottom	0.845		0.845		Bottom	0.372		0.372
				Top	0.533		0.533		Top	0.466		0.466
				Max	0.845		0.845		Max	0.626		0.626

9.1.3. MODEL A2638**RESULTS**

ID:	38602	Date:	6/23/21
------------	-------	--------------	---------

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	0.840	0.14%	1.63	0.605	37.12%

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 $\sqrt{\text{Duty Cycle}}$].

Configuration #2:

FCC Limit													
Configuration	Test Mode	Measuring Distance (cm)	Electric Field Limit	Electric Field Reading				Magnetic Field Limit	Magnetic Field Reading				
			(V/m)	(V/m)				(A/m)	(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	0.384	100	0.384	1.63	S1	0.543	100	0.543	
				S2	0.410		0.410		S2	0.332		0.332	
				S3	0.341		0.341		S3	0.605		0.605	
				S4	0.573		0.573		S4	0.422		0.422	
				Bottom	0.840		0.840		Bottom	0.504		0.504	
				Top	0.581		0.581		Top	0.280		0.280	
				Max	0.840		0.840		Max	0.605		0.605	

9.1.4. MODEL A2640/A2639**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	0.789	0.13%	1.63	0.576	35.34%

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 $\sqrt{\text{Duty Cycle}}$].

Configuration #2:

FCC Limit													
FCC Limit													
Configuration	Test Mode	Measuring Distance (cm)	Electric Field Limit	Electric Field Reading				Magnetic Field Limit	Magnetic Field Reading				
			(V/m)	(V/m)				(A/m)	(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	0.324	100	0.324	1.63	S1	0.576	100	0.576	
				S2	0.326		0.326		S2	0.333		0.333	
				S3	0.352		0.352		S3	0.203		0.203	
				S4	0.225		0.225		S4	0.324		0.324	
				Bottom	0.789		0.789		Bottom	0.437		0.437	
				Top	0.479		0.479		Top	0.233		0.233	
				Max	0.789		0.789		Max	0.576		0.576	

10. SETUP PHOTO

Please see setup photo report 13571601-EP1V1

END OF REPORT