



**FCC Part 1 Subpart I
FCC Part 2 Subpart J**

CERTIFICATION TEST REPORT

FOR

SMART PHONE

**MODEL NO: A2481 (Parent Model, Full Test)
MODEL NO: A2626, A2628, A2629, A2630 (Variant
Models)**

**FCC ID: BCG-E3994A (Parent Model)
FCC ID: BCG-E3996A, BCG-E4029A, BCG-E4030A**

REPORT NUMBER: 13573777-E15V3

ISSUE DATE: AUGUST 25, 2021

Prepared for
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Revision History

Rev.	Issue Date	Revisions	Revised By
V1	7/19/2021	Initial Issue	Chin Pang
V2	8/09/2021	Address TCB's question on page 11	Chin Pang
V3	8/25/2021	Add 2/4/6/8/10 cm distance in page 17	Chin Pang

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1. ATTESTATION OF TEST RESULTS

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

EUT DESCRIPTION: SMARTPHONE

MODEL: A2481 (Parent Model, Full Test)
A2626, A2628, A2629, A2630 (Variant Models)

BRAND: APPLE

SERIAL NUMBER: C9RQ5394FP, JNFVHXVDQ5, HVFNXOK2YF, YCXQV49P

SAMPLE RECEIPT DATE JUNE 25, 2021, JULY 13, 2021

DATE TESTED: JUNE 25, 2021, 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.

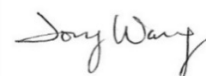
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Reviewed By:



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 LLC 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, NFC and WPT. 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 A2629 and A2630 have same FCC ID, Spot check was performed only for Model A2630, difference between these models are on the SIM only.

The Model and FCC ID covered by this report includes:

Parent Model: A2481, FCC ID: BCG-E3994A

Variant Models: A2626; FCC ID: BCG-E3996A
 A2628; FCC ID: BCG-E4029A
 A2629; FCC ID: BCG-E4030A
 A2630; FCC ID: BCG-E4030A

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

A2481 (Parent Model)

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.

A2626, A2628, A2629, A2630 (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.

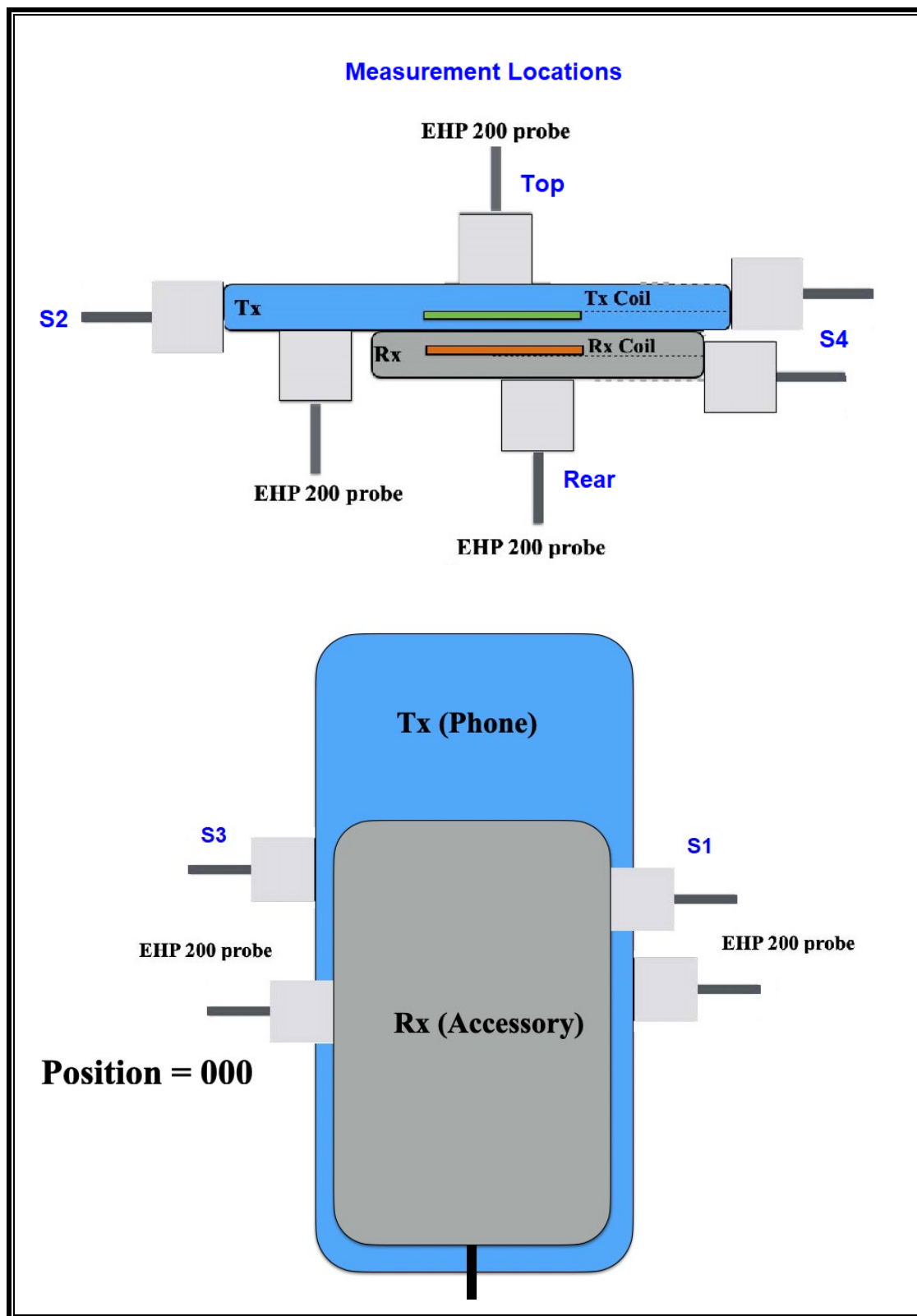
TEST SETUP

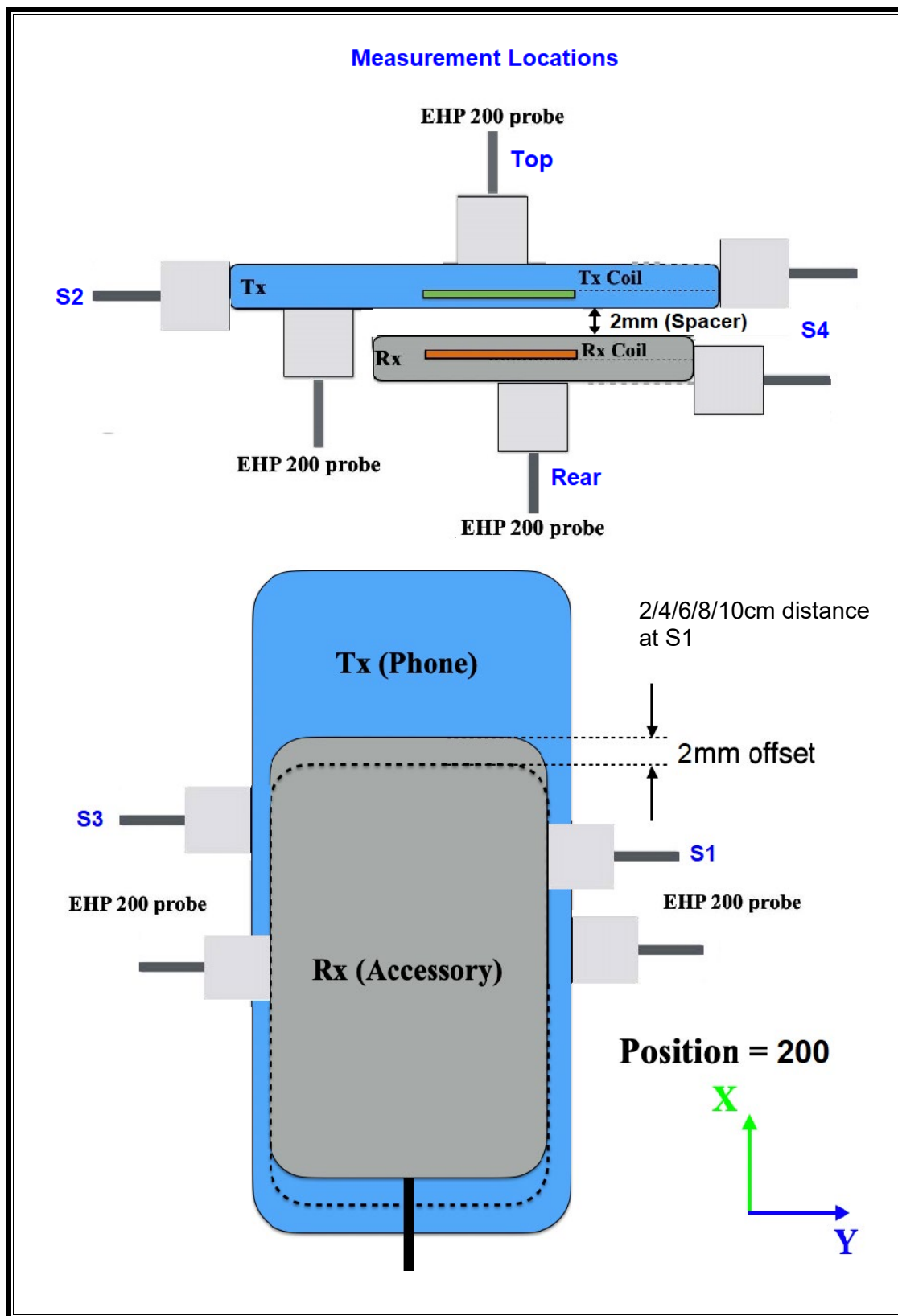
The following configurations are tested:

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

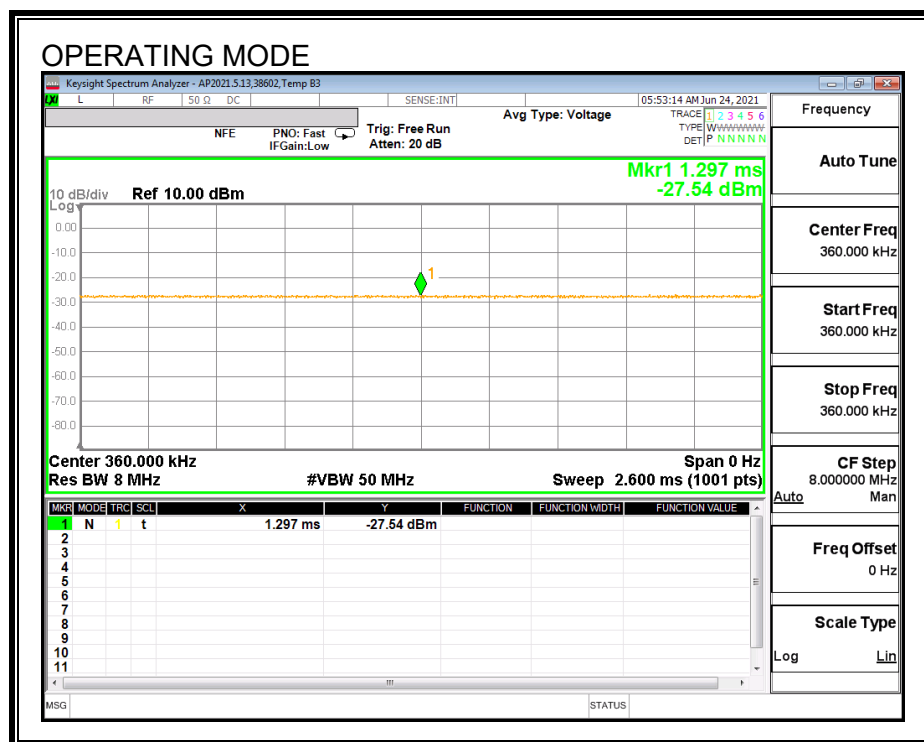
None; for reporting purposes only.

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 A2481**RESULTS**

ID:	38602	Date:	6/25/2021 & 8/25/2021
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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	0.904	0.15%	1.63	0.433	26.56%

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	0.965	0.16%	1.63	0.566	34.72%

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 #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	0.413			0.413		S1	0.360			0.360
				S2	0.254			0.254		S2	0.286			0.286
				S3	0.164			0.164		S3	0.423			0.423
				S4	0.147			0.147		S4	0.298			0.298
				Bottom	0.837		100	0.837		Bottom	0.307		100	0.307
				Top	0.356			0.356		Top	0.412			0.412
				Max	0.837			0.837		Max	0.423			0.423
				S1	0.247			0.247		S1	0.363			0.363
	S2			0.345			0.345		S2	0.289			0.289	
	S3			0.255			0.255		S3	0.433			0.433	
	S4			0.455		100	0.455		S4	0.295		100	0.295	
	Bottom			0.904			0.904		Bottom	0.313			0.313	
	Top			0.185			0.185		Top	0.413			0.413	
	Max			0.904			0.904		Max	0.433			0.433	
	S1			0.234			0.234		S1	0.361			0.361	
	S2			0.145			0.145		S2	0.289			0.289	
	S3			0.173			0.173		S3	0.419			0.419	
	S4			0.147		100	0.147		S4	0.292		100	0.292	
	Bottom			0.877			0.877		Bottom	0.312			0.312	
	Top			0.168			0.168		Top	0.413			0.413	
	Max			0.877			0.877		Max	0.419			0.419	

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% Charging) (2mm Airgap at Center)	0	614	S1	0.326	100	0.326	1.63	S1	0.377	100	0.377	
				S2	0.173		0.173		S2	0.083		0.083	
				S3	0.555		0.555		S3	0.332		0.332	
				S4	0.186		0.186		S4	0.059		0.059	
				Bottom	0.641		0.641		Bottom	0.103		0.103	
				Top	0.180		0.180		Top	0.243		0.243	
				Max	0.641		0.641		Max	0.377		0.377	
				Operating Real Product (Power <25% Charging) (2mm Airgap & 2mm Shift to the Top)	S1	0.456	100		0.456	S1	0.488	100	0.488
	S2				0.297	0.297			S2	0.284	0.284		
	S3				0.349	0.349			S3	0.249	0.249		
	S4				0.247	0.247			S4	0.140	0.140		
	Bottom				0.687	0.687			Bottom	0.252	0.252		
	Top				0.210	0.210			Top	0.349	0.349		
	Max				0.687	0.687			Max	0.488	0.488		
	Operating Real Product (Power 25% Charging) (2mm Airgap & 2mm Shift to the Bottom)				S1	0.317	100		0.317	S1	0.330	100	0.330
				S2	0.156	0.156			S2	0.115	0.115		
				S3	0.164	0.164			S3	0.398	0.398		
				S4	0.145	0.145			S4	0.115	0.115		
				Bottom	0.679	0.679			Bottom	0.181	0.181		
				Top	0.148	0.148			Top	0.209	0.209		
				Max	0.679	0.679			Max	0.398	0.398		
				Operating Real Product (Power ~ 25% - 70% Charging) (2mm Airgap at Center)	S1	0.328	100		0.328	S1	0.396	100	0.396
	S2				0.157	0.157			S2	0.086	0.086		
	S3				0.206	0.206			S3	0.369	0.369		
	S4				0.186	0.186			S4	0.256	0.256		
	Bottom				0.778	0.778			Bottom	0.106	0.106		
	Top				0.157	0.157			Top	0.253	0.253		
	Max				0.778	0.778			Max	0.396	0.396		
	Operating Real Product (Power ~ 25% - 70% Charging) (2mm Airgap & 2mm Shift to the Top)				S1	0.448	100		0.448	S1	0.566	100	0.566
				S2	0.301	0.301			S2	0.342	0.342		
				S3	0.372	0.372			S3	0.252	0.252		
				S4	0.755	0.755			S4	0.306	0.306		
				Bottom	0.965	0.965			Bottom	0.425	0.425		
				Top	0.725	0.725			Top	0.455	0.455		
				Max	0.965	0.965			Max	0.566	0.566		
				Operating Real Product (Power ~ 25% - 70% Charging) (2mm Airgap & 2mm Shift to the Bottom)	S1	0.335	100		0.335	S1	0.339	100	0.339
	S2				0.164	0.164			S2	0.116	0.116		
	S3				0.164	0.164			S3	0.404	0.404		
	S4				0.153	0.153			S4	0.122	0.122		
	Bottom				0.705	0.705			Bottom	0.188	0.188		
	Top				0.164	0.164			Top	0.212	0.212		
	Max				0.705	0.705			Max	0.404	0.404		
	Operating Real Product (Power >75% Charging) (2mm Airgap at Center)				S1	0.326	100		0.326	S1	0.390	100	0.390
				S2	0.156	0.156			S2	0.183	0.183		
				S3	0.206	0.206			S3	0.357	0.357		
				S4	0.183	0.183			S4	0.057	0.057		
				Bottom	0.661	0.661			Bottom	0.177	0.177		
				Top	0.615	0.615			Top	0.252	0.252		
				Max	0.661	0.661			Max	0.390	0.390		
				Operating Real Product (Power >75% Charging) (2mm Airgap & 2mm Shift to the Top)	S1	0.431	100		0.431	S1	0.505	100	0.505
	S2				0.278	0.278			S2	0.278	0.278		
	S3				0.365	0.365			S3	0.246	0.246		
	S4				0.238	0.238			S4	0.146	0.146		
	Bottom				0.715	0.715			Bottom	0.257	0.257		
	Top				0.181	0.181			Top	0.346	0.346		
	Max				0.715	0.715			Max	0.505	0.505		
	Operating Real Product (Power >75% Charging) (2mm Airgap & 2mm Shift to the Bottom)				S1	0.317	100		0.317	S1	0.329	100	0.329
				S2	0.164	0.164			S2	0.112	0.112		
				S3	0.157	0.157			S3	0.395	0.395		
				S4	0.147	0.147			S4	0.118	0.118		
				Bottom	0.708	0.708			Bottom	0.187	0.187		
				Top	0.173	0.173			Top	0.209	0.209		
				Max	0.708	0.708			Max	0.395	0.395		

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	0.566	100	0.566
				S2	0.342		0.342
				S3	0.252		0.252
				S4	0.306		0.306
				Bottom	0.425		0.425
				Top	0.455		0.455
				Max	0.566		0.566
	Operating Real Product (Power ~ 25% - 70% Charging) (2mm Airgap & 2mm Shift to the Top)	2 cm	1.63	S1	0.264	100	0.264
				S2			
				S3			
				S4			
				Bottom			
				Top			
				Max	0.264		0.264
	Operating Real Product (Power ~ 25% - 70% Charging) (2mm Airgap & 2mm Shift to the Top)	4 cm	1.63	S1	0.146	100	0.146
				S2			
				S3			
				S4			
				Bottom			
				Top			
				Max	0.146		0.146
	Operating Real Product (Power ~ 25% - 70% Charging) (2mm Airgap & 2mm Shift to the Top)	6 cm	1.63	S1	0.079	100	0.079
				S2			
				S3			
				S4			
				Bottom			
				Top			
				Max	0.079		0.079
	Operating Real Product (Power ~ 25% - 70% Charging) (2mm Airgap & 2mm Shift to the Top)	8 cm	1.63	S1	0.060	100	0.060
				S2			
				S3			
				S4			
				Bottom			
				Top			
				Max	0.060		0.060
	Operating Real Product (Power ~ 25% - 70% Charging) (2mm Airgap & 2mm Shift to the Top)	10 cm	1.63	S1	0.049	100	0.049
				S2			
				S3			
				S4			
				Bottom			
				Top			
				Max	0.049		0.049

9.1.2. MODEL A2626**RESULTS**

ID:	38602	Date:	6/25/21
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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	0.885	0.14%	1.63	0.525	32.21%

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

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	0.465	100	0.465	1.63	S1	0.525	100	0.525
				S2	0.325		0.325		S2	0.335		0.335
				S3	0.365		0.365		S3	0.416		0.416
				S4	0.680		0.680		S4	0.255		0.255
				Bottom	0.885		0.885		Bottom	0.353		0.353
				Top	0.625		0.625		Top	0.389		0.389
				Max	0.885		0.885		Max	0.525		0.525

9.1.3. MODEL A2628**RESULTS**

ID:	38602	Date:	7/13/21
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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	0.513	31.47%

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

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	0.355	100	0.355	1.63	S1	0.513	100	0.513
				S2	0.310		0.310		S2	0.265		0.265
				S3	0.350		0.350		S3	0.222		0.222
				S4	0.652		0.652		S4	0.160		0.160
				Bottom	0.845		0.845		Bottom	0.266		0.266
				Top	0.633		0.633		Top	0.374		0.374
				Max	0.845		0.845		Max	0.513		0.513

9.1.4. MODEL A2630/A2629**RESULTS**

ID:	38602	Date:	7/13/21
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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	0.805	0.13%	1.63	0.522	32.02%

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

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	0.322	100	0.322	1.63	S1	0.522	100	0.522
				S2	0.377		0.377		S2	0.308		0.308
				S3	0.416		0.416		S3	0.268		0.268
				S4	0.362		0.362		S4	0.239		0.239
				Bottom	0.805		0.805		Bottom	0.435		0.435
				Top	0.492		0.492		Top	0.346		0.346
				Max	0.805		0.805		Max	0.522		0.522

10. SETUP PHOTO

Please see setup photo report 13573777-EP1V1

END OF REPORT