TEST REPORT

Issued By: Bureau Veritas Consumer Products Services, Inc.
Test Location/Lab Address: 775 Montague Expy, Milpitas, CA 95035

(Limited Test Report for Radiated Spurious Emissions Only)

Test Report No. FCC_RF_SL21040101-KLA-001_CSLC_Rev5.0

Brand: KLA-TENCOR

FCC ID: QTA-CSLC

Test Model(s): CSLC300

Series Model No.: CSLC200/CSLC300

Applicant: KLA-TENCOR

Address: One Technology Drive, Milpitas, CA 95035

Manufacturer: KLA-TENCOR

Address: One Technology Drive, Milpitas, CA 95035

Received Date 07/26/2021

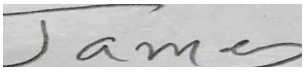
Test Date: 10/25/2021 – 01/06/2022

Issued Date: 02/03/2023

ACCREDITED
TESTING CERT # 2742-01

The above equipment has been tested by **Bureau Veritas Consumer Products Services, Inc., Milpitas Branch**, and found compliant with the requirement of the standards listed in section 2.2. The test record, data evaluation & Equipment Under Test (EUT) configurations represented herein are true and accurate accounts of the measurements of the sample's characteristics under the conditions specified in this report.

Prepared by: James Ma, Test Engineer



1-24-2022

Approved by: Suresh Kondapalli, Reviewing Engineer

1-24-2022

TABLE OF CONTENTS

RELEASE CONTROL RECORD

Issue No.	Description	Date Issued
FCC_RF_SL21040101-KLA-001	Orignal Release	01/24//2022
FCC_RF_SL21040101-KLA-001_CSLC_Rev1.0	Updated report format, test model, and product name	09/21/2022
FCC_RF_SL21040101-KLA-001_CSLC_Rev2.0	Updated FCC info, test models, pg4, Section 5.1.2 and 5.1.6. Removed 5.2, 5.3	12/20/2022
FCC_RF_SL21040101-KLA-001_CSLC_Rev3.0	Updated model name, added conducted emissions data, and sec 3.2	1/26/2023
FCC_RF_SL21040101-KLA-001_CSLC_Rev4.0	Updated conducted emissions equip list, and sec 3.2	2/03/2023
FCC_RF_SL21040101-KLA-001_CSLC_Rev5	Updated Cond emi equipment list (added cables used), updated release control record page for Rev2.0	05/10/2023

1 SUMMARY OF TEST RESULTS

47 CFR FCC Part 15, Subpart C			
FCC/ IC Cluse	**Test Item**	**Result**	**Remarks**
15.207	AC Power Conducted Emission	Pass	The EUT is battery powered
15.209	Radiated Emissions	PASS	Meet the requirement of the limit.

Table 1, Summary of Test Results

2 GENERAL INFORMATION

2.1 Scope

This report is intended to document the status of conformance with the listed standards based on the results of testing. This report only applies to the specific samples tested under the stated test conditions. It is the responsibility of the manufacturer to assure that additional production units of this model are manufactured with identical or EMI equivalent electrical and mechanical components. This report is further intended to document changes and modifications to the EUT throughout its life cycle. All documentation will be included as a supplement.

2.2 Purpose

The purpose of this report is to demonstrate compliance with the standards identified in section 2.2 of this report for the tests documented herein.

2.3 Description of Applied Standards

The EUT is a RF Product. According to the specifications of the manufacturer, it must comply with the requirements of the following standards:

47 CFR FCC Part 15, Subpart C
ANSI C63.10: 2013

All test items have been performed and recorded as per the above standards.

2.4 Information of the Testing Laboratories

Bureau Veritas is a global leader in testing, inspection, and certification (TIC) services. We help businesses improve safety, sustainability, and productivity; and our clients include most leading brands in retail, manufacturing, and other industries. With a presence in every major country around the world, our quality assurance and compliance solutions are vital in helping our customers enhance product quality and concept-to-consumer journeys. We also assist with increasing speed to market, profitability, and brand equity throughout the supply chain. Bureau Veritas is a leading wireless/IoT testing, inspection, audit, and certification provider, with a global network of test laboratories to support the IoT industry in areas of connectivity, security, interoperability as well as quality, health & safety, and environmental/chemical requirements.

If you have any comments, please feel free to contact us at the following:

Milpitas EMC/RF/Safety/Telecom Lab
775 Montague Expressway, Milpitas, CA 95035
Tel: +1 408 526 1188

Sunnyvale OTA/Bluetooth Lab
1293 Anvilwood Avenue, Sunnyvale, CA 94089
Tel: +1 669 600 5293

Littleton EMC/RF/Safety/Environmental Lab
1 Distribution Center Cir #1, Littleton, MA 01460
Tel: +1 978 486 8880

Email: sales.eaw@us.bureauveritas.com
Web Site: www.cpsusa-bureauveritas.com

The address and road map of all our labs can be found in our web site also.

3 Product Information

3.1 Description of Product

Product Name	RF Large Coil Carrier Station	**Brand**	KLA Tencor
Test Model(s):	CSLC300	**Product S/N**	B64780ET
Series Model No.:	CSLC200/CSLC300		
Condition of EUT Received	Good	**Condition of EUT Returned**	Good
Product Description	The EUT communicates with the SA Wafer to determine the charge state of the SA Wafer batteries through an RF induction interface and charges the SA Wafer batteries through that same RF induction circuit so they remain at the optimum charge level.		

Power Supply Rating	3.9 VDC battery
Modulation Type	OOK
Operating Frequency	1.5 MHz
Antenna Type	Loop PCB Antenna
Antenna Connector	N/A
RF Power Level	3.8 W

Note: The above EUT information is declared by the manufacturer and for more detailed feature descriptions, please refer to the manufacturer's specification or user manual.

***Disclaimer* The RF power level is provided by applicant. Lab has not performed any antenna testing and assumes no responsibility or liability for the accuracy of this value.**

3.2 Description of Test Modes

Prescans were performed on CSLC200 and CSLC300, the results of the prescans determined CSLC300 to be the worse case.:

EUT CONFIGURE MODE	APPLICABLE TO				DESCRIPTION
	RE<1G	RE≥1G	PLC	APCM	
Pre_test_mode_1 RF test	√	√	√	-	EUT is set to continuously transmit at 1.5 MHz.

Where **RE<1G:** Radiated Emission below 1GHz **RE≥1G:** Radiated Emission above 1GHz
PLC: Power Line Conducted Emission **APCM:** Antenna Port Conducted Measurement

RADIATED EMISSION TEST (BELOW 1GHz):

☒ Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates, XYZ axis and antenna ports (if EUT with antenna diversity architecture).
☒ Following channel(s) was (were) selected for the final test as listed below.

MODE		NOTE	MODULATION TYPE
Pre_test_mode_1	RF test	EUT is set to continuously transmit at 1.5MHz	OOK

For the test results, only the worst case was shown in test report.

RADIATED EMISSION TEST (ABOVE 1GHz):

☒ Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates, XYZ axis and antenna ports (if EUT with antenna diversity architecture).
☒ Following channel(s) was (were) selected for the final test as listed below.

MODE		NOTE	MODULATION TYPE
Pre_test_mode_1	RF test	EUT is set to continuously transmit at 1.5MHz	OOK

The final data was taken with the x axis EUT orientation.

3.3 Description Of Support Units

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

3.3.1 Configuration of System under Test

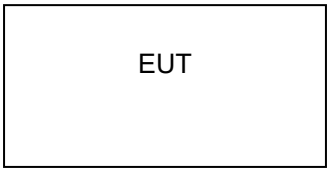


Figure 1, EUT Setup, RSE

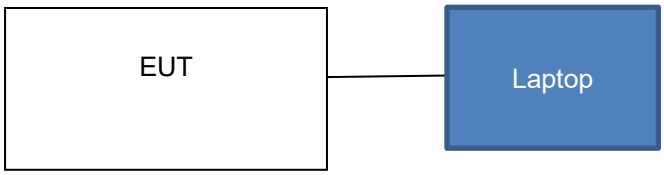


Figure 2, EUT Setup, Conducted

4 EQUIPMENT LIST

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	DATE OF CALIBRATION	DUE DATE OF CALIBRATION
EMI Test Receiver Rohde & Schwarz	ESIB 40	100179	1/29/2021	1/29/2022
Loop Antenna	6512	49120	11/25/2020	02/25/2022
Bi-Log antenna (30MHz~6GHz)	JB6	A111717	09/04/2020	09/04/2022
10m Semi-Anechoic Chamber (ETS-Lindgren)	S2010BL8X8	1462	07/21/2020	07/21/2022
Test Software Toyo Corporation	ES10	Version 2022.01.00	-	-
CABLES				
DESCRIPTION & MANUFACTURER	**MODEL NO.**	**SERIAL NO.**	**DATE OF CALIBRATION**	**DUE DATE OF CALIBRATION**
Microwave Town	FSB360PK-KMKM-00.80M	201906110001	04/12/2021	04/12/2022
IW Microwave	DC1841	KPS-1501A-3000-KPS	05/16/2021	05/16/2022

Table 2, Radiated Emissions

4.1 Measurement Uncertainty

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2:

Measurement	Frequency	Expanded Uncertainty (k=2) (±)
Conducted Emissions at mains ports	150kHz ~ 30MHz	3.51dB
Radiated Emissions up to 1 GHz	30MHz ~ 1GHz	3.73dB
Radiated Emissions above 1 GHz	1GHz ~ 6GHz	4.64dB
	6GHz ~ 18GHz	4.82dB
	18GHz ~ 40GHz	4.91dB

Table 3, Calculated Measurement Uncertainty

4.2 Modification and Deviation Record

There were no modifications or deviations required for compliance.

5 TEST METHOD AND RESULTS

5.1 Radiated Emission and Bandedge Measurement

5.1.1 Limits of Radiated Emission and Bandedge Measurement

Frequencies (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
0.009 ~ 0.490	2400/F(kHz)	300
0.490 ~ 1.705	24000/F(kHz)	30
1.705 ~ 30.0	30	30
30 ~ 88	100	3
88 ~ 216	150	3
216 ~ 960	200	3
Above 960	500	3

Table 4, Radiated Emissions Limits

NOTE:

1. The lower limit shall apply at the transition frequencies.
2. Distance extrapolation factor = 40 log (specific distance / test distance)

   Limit Line (dBuV/m) = 20 log Emission level (uV/m) + Distance extrapolation factor
3. The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90 kHz, 110-490 kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector.
4. For frequencies above 1000MHz, the field strength limits are based on average detector, however, the peak field strength of any emission shall not exceed the maximum permitted average limits, specified above by more than 20dB under any condition of modulation.

5.1.2 Test Procedures

For Radiated emission below 30MHz

a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter chamber room. The table was rotated 360 degrees to determine the position of the highest radiation.

b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.

c. Parallel, perpendicular, and ground-parallel orientations of the antenna are set to make the measurement.

d. For each suspected emission, the EUT was arranged to its worst case and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.

e. The test-receiver system was set to Quasi-Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.

NOTE:

1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 9kHz at frequency below 30MHz.

For Radiated emission above 30MHz

a. The EUT was placed on the top of a rotating table 0.8 meters (for 30MHz ~ 1GHz) / 1.5 meters (for above 1GHz) above the ground at 3 meter chamber room for test. The table was rotated 360 degrees to determine the position of the highest radiation.

b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.

c. The height of antenna is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.

d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.

e. The test-receiver system was set to quasi-peak detect function and specified bandwidth with maximum hold mode when the test frequency is below 1 GHz.

f. The test-receiver system was set to peak and average detects function and specified bandwidth with maximum hold mode when the test frequency is above 1 GHz. If the peak reading value also meets average limit, measurement with the average detector is unnecessary.

Note:

1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120kHz for Quasi-peak detection (QP) at frequency below 1GHz.
2. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 3 MHz for Peak detection (PK) at frequency above 1GHz.
3. All modes of operation were investigated and the worst-case emissions are reported.

5.1.3 Test Setup

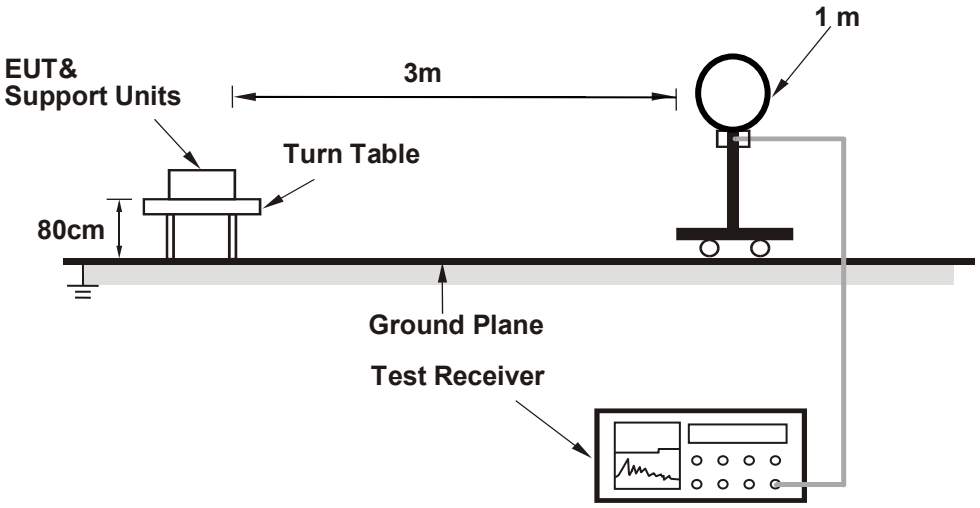


Figure 3, Test Setup for Radiated emission below 30MHz

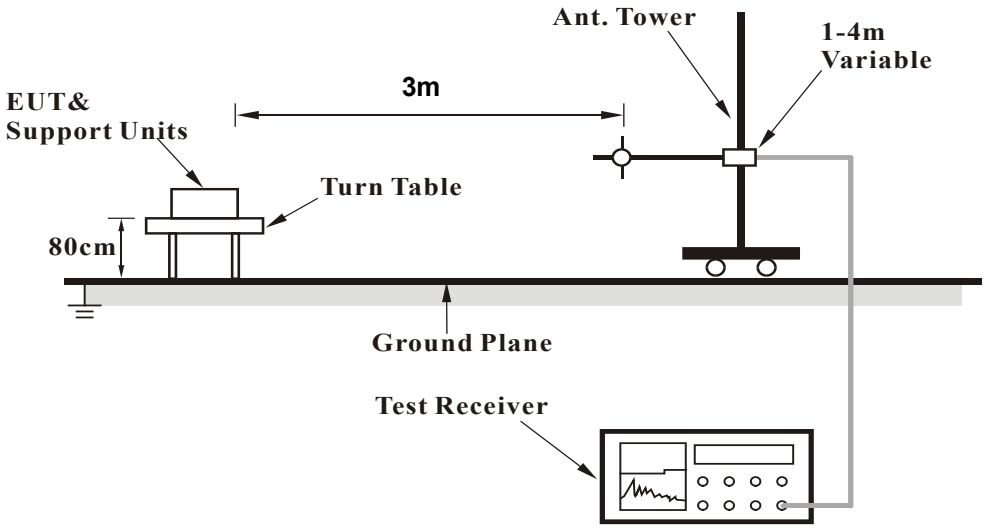


Figure 4, Test Setup for Radiated emission 30MHz to 1GHz

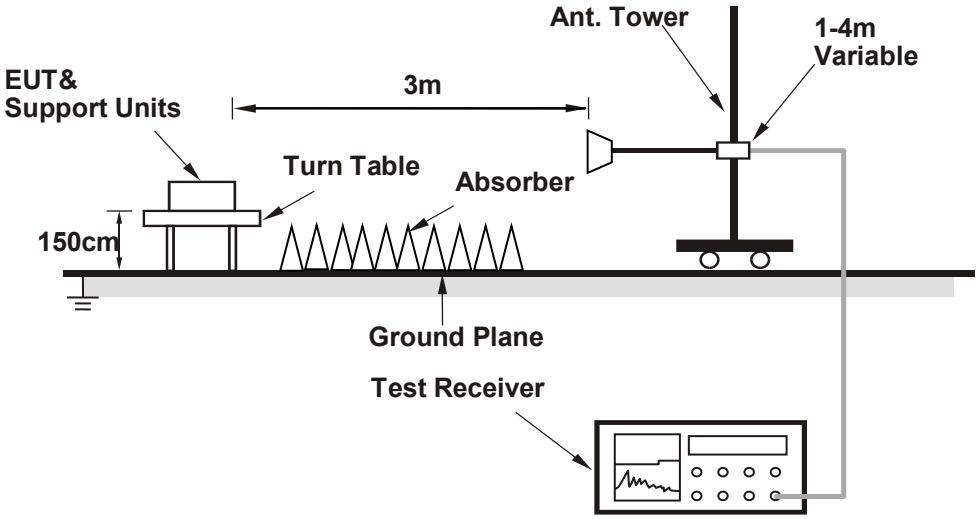


Figure 5, Test Setup for Radiated emission above 1GHz

5.1.4 EUT Operating Conditions

Controlling software has been activated to set the EUT on specific status.

5.1.5 Deviation from Test Standard

No deviation.

5.1.6 Test Results

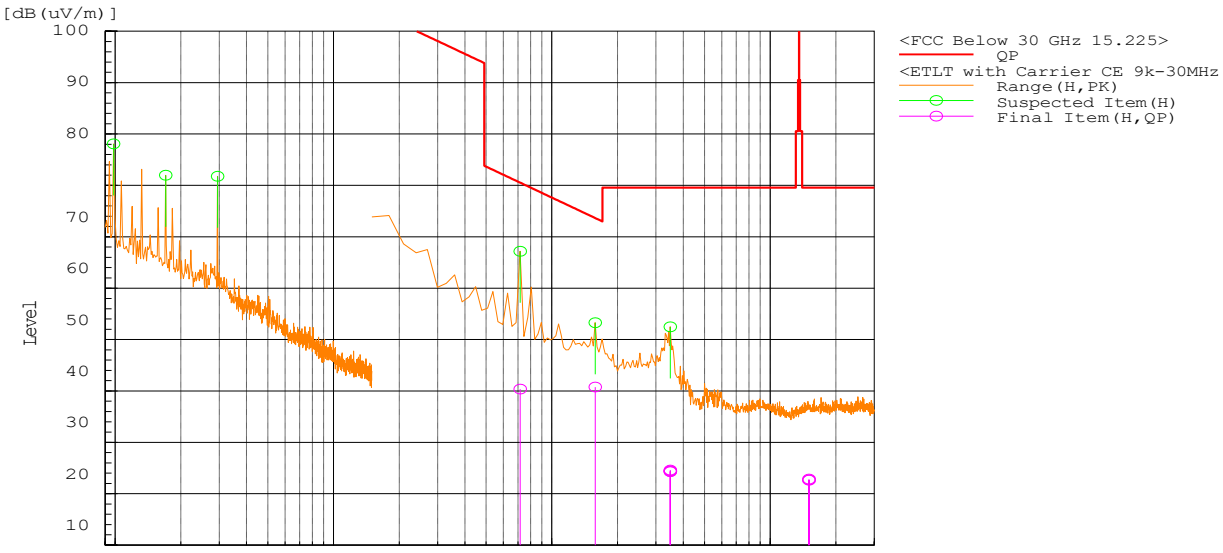
BELOW 30 MHz WORST-CASE DATA:

Test specification:	Transmitter Spurious Emissions: 9 kHz – 30000 kHz			
Mains	N/A		Result:	☒Pass
Power:	Francisco and Gary			
Tested by:	10/25/2021			☐ Fail
Test Date:				
Remarks:	1.5MHz @ 0 Degree			

Antenna Polarity & Test Distance: Loop Antenna 0 degree at 3m

Final Data List

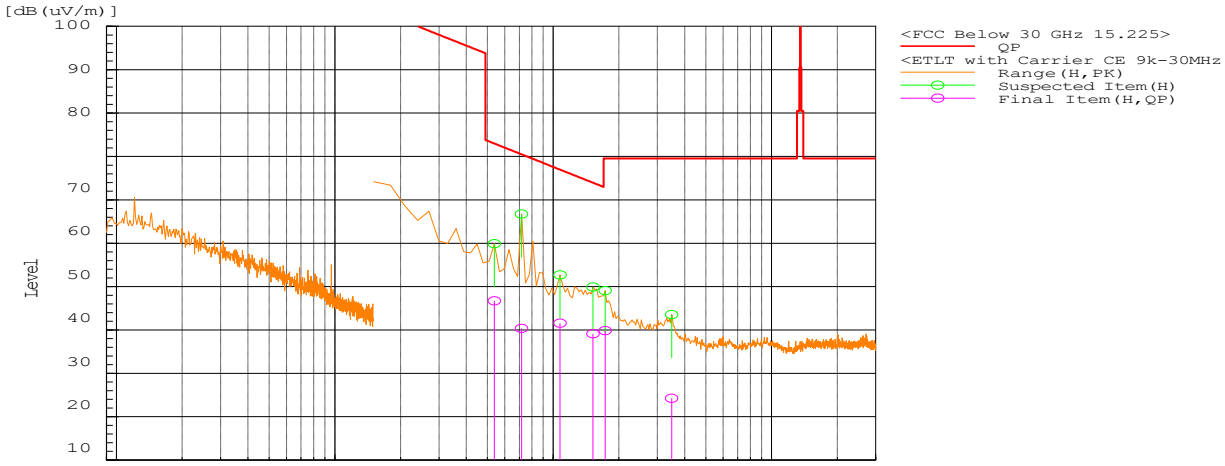
Frequency MHz	Polarization	Reading dB(uV)	Factor dB(1/m)	Level dB(uV/m)	Limit dB(uV/m)	Margin dB	Pass/Fail	Height cm	Angle deg	Remark
		QP		QP	QP	QP				
0.717	H	-18.5	48.8	30.3	70.5	40.2	Pass	100	358.3	
1.583	H	-12.3	43	30.7	63.6	32.9	Pass	100	359.9	
3.493	H	-22.8	37.3	14.5	69.5	55	Pass	100	256.9	
3.493	H	-23	37.3	14.3	69.5	55.2	Pass	100	79.6	
15.075	H	-22.7	35.3	12.6	69.5	56.9	Pass	100	291.8	
15.075	H	-22.5	35.3	12.8	69.5	56.7	Pass	100	258.9	



Antenna Polarity & Test Distance: Loop Antenna 90 degree at 3m

Final Data List

Frequency MHz	Polarization	Reading dB(uV)	Factor dB(1/m)	Level dB(uV/m)	Limit dB(uV/m)	Margin dB	Pass/Fail	Height cm	Angle deg	Remark
		QP		QP	QP	QP				
0.538	H	-14.3	51	36.7	73	36.3	Pass	100	49	
0.717	H	-18.4	48.8	30.4	70.5	40.1	Pass	100	83.8	
1.075	H	-14.1	45.7	31.6	67	35.4	Pass	100	213.1	
1.523	H	-14.1	43.2	29.1	63.9	34.8	Pass	100	288.2	
1.732	H	-12.6	42.4	29.8	69.5	39.7	Pass	100	135.8	
3.493	H	-23	37.3	14.3	69.5	55.2	Pass	100	267.4	



REMARKS:

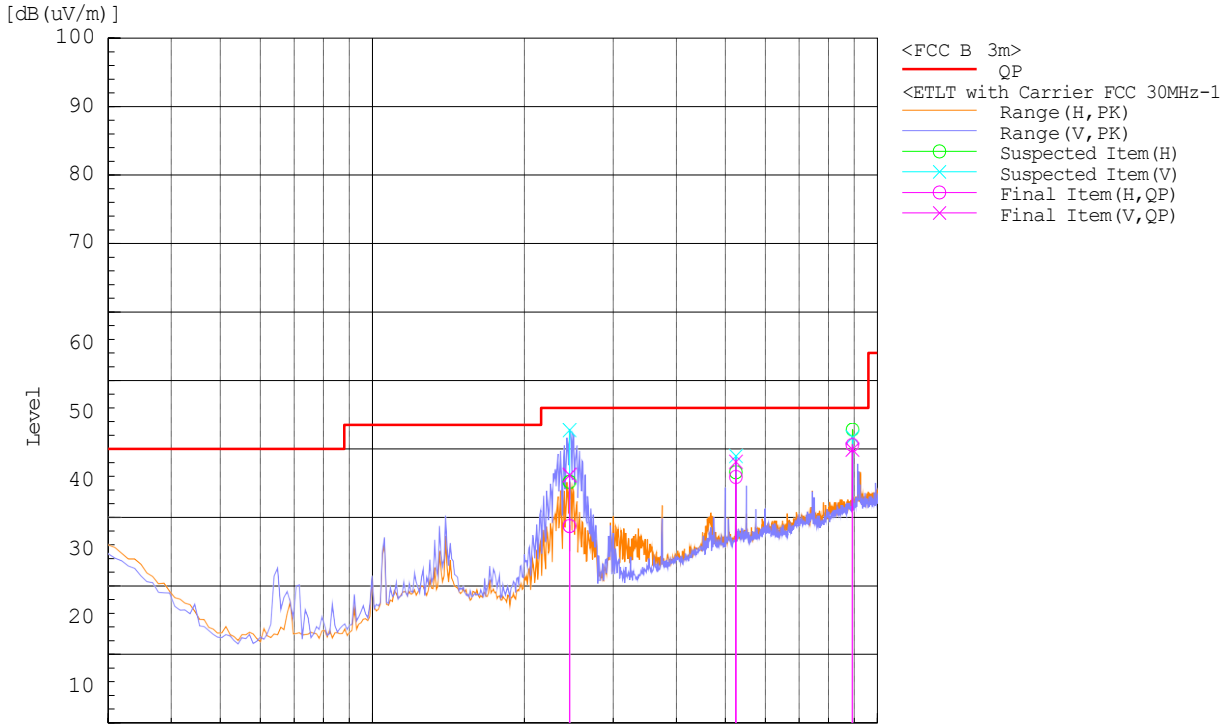
1. Level (dBuV/m) = Reading (dBuV) + Factor (dB(1/m)).
2. Factor (dB(1/m)) = Antenna Factor(AF) (dB(1/m)) + Cable Loss (dB)
3. Margin value = Emission level – Limit value.
4. Here the frequency bands 9-90 kHz and 110-490 kHz are use average detector.
5. The limits in CFR 47, Part 15, Subpart C, paragraph 15.209 (a), are identical to those in RSS-GEN Section 8.9, Table 6, since the measurements are performed in terms of magnetic field strength and converted to electric field strength levels (as reported in the table) using the free space impedance of 377Ω. For example, the measurement frequency 11 KHz resulted in a level of 62.6 dBuV/m, which is equivalent to 62.6 -51.5 = 11.1 dBuA/m, which has the same margin, 64.2 dB, to the corresponding RSS-GEN Table 6 limit as it has to the 15.209(a) limit.

BELOW 1GHz TEST DATA:

Test specification:	Radiated Spurious Emissions 30 – 1000 MHz			
Mains Power:	N/A		Result:	☒Pass ☐ Fail
Tested by:	Francisco and Gary			
Test Date:	10-25-2021			
Remarks:	1.5MHz Below 1GHz			

Final Data List

Frequency MHz	Polarization	Reading dB(uV)	Factor dB(1/m)	Level dB(uV/m)	Limit dB(uV/m)	Margin dB	Pass/Fail	Height cm	Angle deg	Remark
		QP		QP	QP	QP				
245.453	H	10.4	18.3	28.7	46	17.3	Pass	200	37.1	
245.442	V	17.7	18.5	36.2	46	9.8	Pass	209	141.6	
523.7	V	12.8	25.3	38.1	46	7.9	Pass	100	144.2	
523.694	H	10.2	25.7	35.9	46	10.1	Pass	143	198	
890.098	V	9.4	30.5	39.9	46	6.1	Pass	243	101	
890.107	H	9.5	31.1	40.6	46	5.4	Pass	341	264.2	



REMARKS:

1. Level (dBuV/m) = Reading (dBuV) + Factor (dB(1/m)).
2. Factor (dB(1/m)) = Antenna Factor(AF) (dB(1/m)) + Cable Loss (dB)
3. Margin value = Emission level – Limit value.
4. Here the frequency bands 9-90 kHz and 110-490 kHz are use average detector.
5. The limits in CFR 47, Part 15, Subpart C, paragraph 15.209 (a), are identical to those in RSS-GEN Section 8.9, Table 6, since the measurements are performed in terms of magnetic field strength and converted to electric field strength levels (as reported in the table) using the free space impedance of 377Ω. For example, the measurement frequency 11 KHz resulted in a level of 62.6 dBuV/m, which is equivalent to 62.6 -51.5 = 11.1 dBuA/m, which has the same margin, 64.2 dB, to the corresponding RSS-GEN Table 6 limit as it has to the 15.209(a) limit.

6 CONDUCTED DISTURBANCE AT MAINS PORTS

6.1 Limits

Frequency (MHz)	Class A (dBuV)		Class B (dBuV)	
	Quasi-peak	Average	Quasi-peak	Average
0.15 - 0.5	79	66	66 - 56	56 - 46
0.50 - 5.0	73	60	56	46
5.0 - 30.0	73	60	60	50

Notes: 1. The lower limit shall apply at the transition frequencies.
2. The limit decreases linearly with the logarithm of the frequency in the range of 0.15 to 0.50 MHz.

6.2 Test Instruments

Description & Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Due
EMI Test Receiver Rohde & Schwarz	ESIB 40	100179	09/22/2021	09/22/2022
Transient Limiter Electro-Metrics	EM-7600-5	106	09/22/2021	09/22/2022
LISN ETS-Lindgren	3816/2NM	214372	01/11/2022	01/11/2023
Cables	3m Orange Cable	BVMC0018	*	*
Description & Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Due
Megaphase	D520	BIB1120	01/29/2022	01/29/2023

*Notes: Internal Calibration. Verified on 09/23/2021

6.3 Test Arrangement

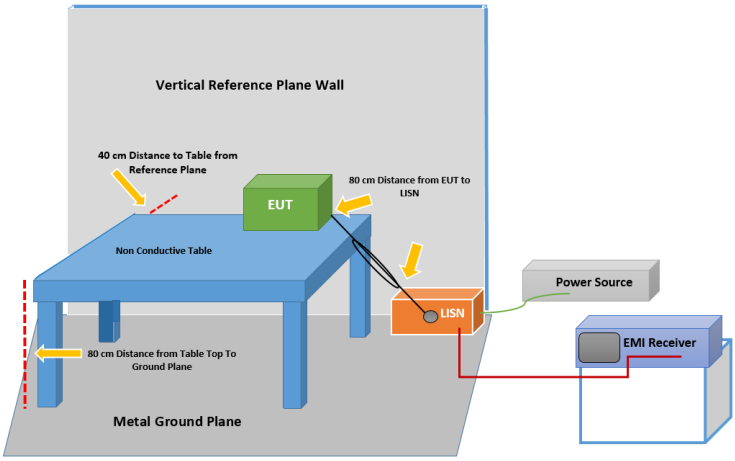
a. The EUT was placed 0.4 meters from the conducting wall of the shielded room with EUT being connected to the power mains through a line impedance stabilization network (LISN). Other support units were connected to the power mains through another LISN. The two LISNs provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.

b. Both lines of the power mains connected to the EUT were checked for maximum conducted interference.

c. The test results of conducted disturbance at mains ports are recorded of six worst margins for quasi-peak (mandatory) [and average (if necessary)] values against the limits at frequencies of interest unless the margin is 20 dB or greater.

Note:

The resolution bandwidth and video bandwidth of test receiver is 9kHz for quasi-peak detection (QP) and average detection (AV) at frequency 0.15MHz-30MHz.


Vertical Reference Plane Wall
40 cm Distance to Table from Reference Plane
EUT
80 cm Distance from EUT to LISN
Non Conductive Table
Power Source
LISN
EMI Receiver
80 cm Distance from Table Top To Ground Plane
Metal Ground Plane

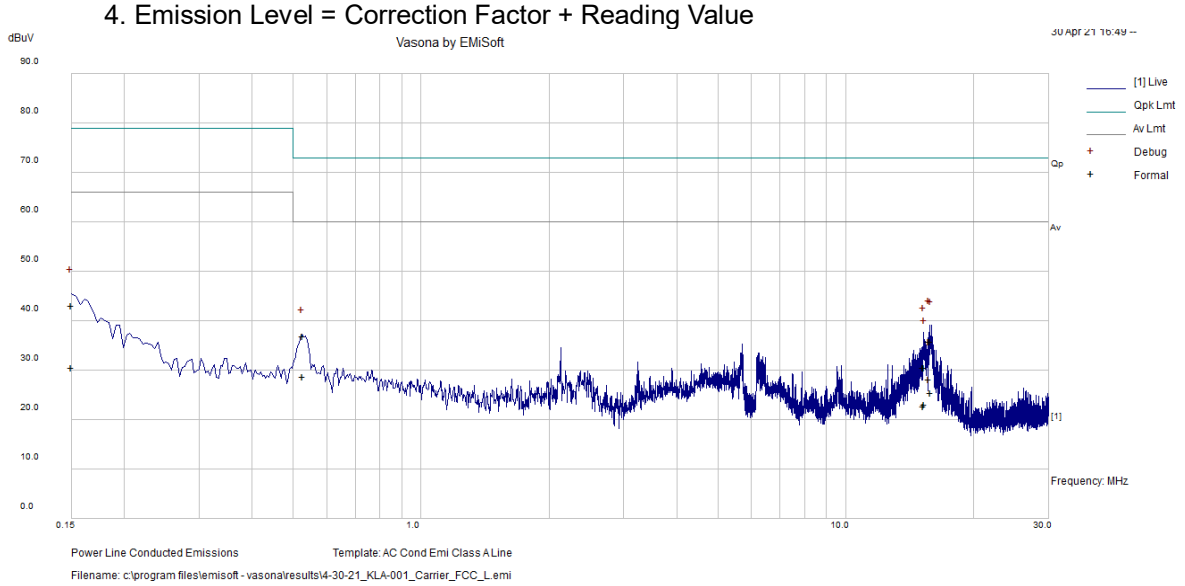
6.4 Test Results

Frequency Range	0.15-30 MHz	Phase	Line
Input Power	120 Vac, 60 Hz	Environmental Conditions	24 °C, 45% RH
Tested by	Alok Patel	Test Date	4/30/2021
Test Mode	Mode 1		

No	Frequency (MHz)	Reading Value (dBuV)	Cable Loss (dB)	Insertion Loss (dB)	Emission Level Corrected (dBuV)	Measurement Type	Line/ Neutral	Limit (dBuV)	Margin (dB)	Pass/ Fail
1	0.150285	33.82	9.29	0.04	43.15	Quasi Peak	Line	79	-35.85	Pass
2	15.77610	25.86	9.69	0.29	35.85	Quasi Peak	Line	73	-37.15	Pass
3	15.90284	25.86	9.70	0.29	35.85	Quasi Peak	Line	73	-37.15	Pass
4	15.27522	20.54	9.67	0.29	30.50	Quasi Peak	Line	73	-42.50	Pass
5	0.526509	27.37	9.45	0.04	36.86	Quasi Peak	Line	73	-36.14	Pass
6	15.39078	20.58	9.68	0.29	30.54	Quasi Peak	Line	73	-42.46	Pass
7	0.150285	21.21	9.29	0.04	30.54	Average	Line	66	-35.46	Pass
8	15.77610	18.26	9.69	0.29	28.24	Average	Line	60	-31.76	Pass
9	15.90284	15.43	9.70	0.29	25.42	Average	Line	60	-34.58	Pass
10	15.27522	12.75	9.67	0.29	22.71	Average	Line	60	-37.29	Pass
11	0.526509	19.20	9.45	0.04	28.70	Average	Line	60	-31.30	Pass
12	15.39078	13.16	9.68	0.29	23.12	Average	Line	60	-36.88	Pass

Remarks:

1. The emission levels of other frequencies were very low against the limit.
2. Margin value = Emission level – Limit value
3. Correction factor = Insertion loss + Cable loss
4. Emission Level = Correction Factor + Reading Value

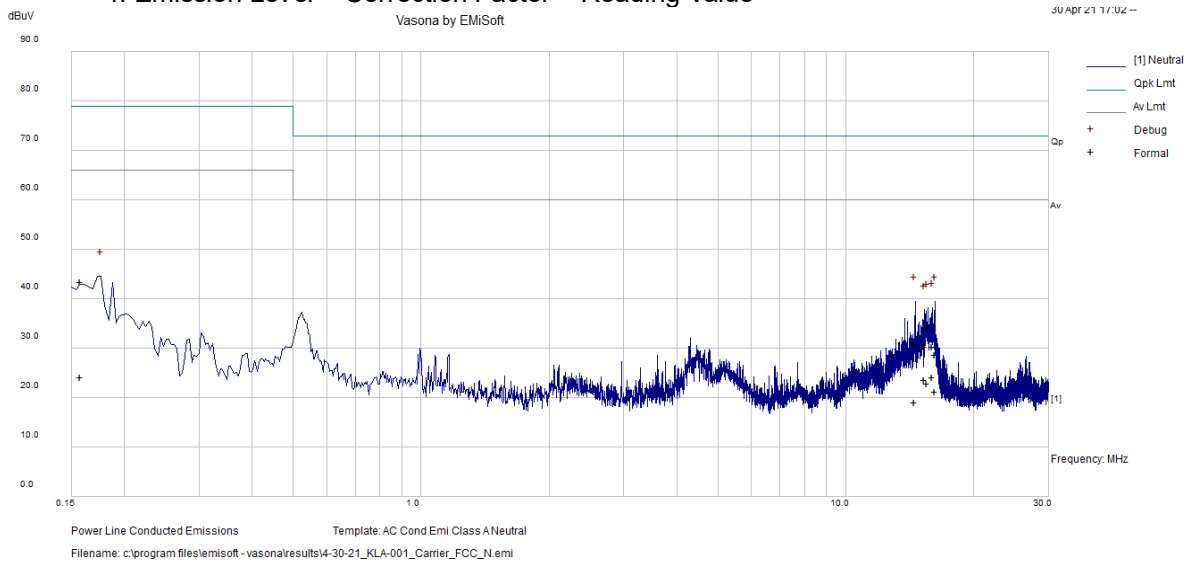


Frequency Range	0.15-30 MHz	Phase	Neutral
Input Power	120 Vac, 60 Hz	Environmental Conditions	24 °C, 45% RH
Tested by	Alok Patel	Test Date	4/30/2021
Test Mode	Mode 1		

No	Frequency (MHz)	Reading Value (dBuV)	Cable Loss (dB)	Insertion Loss (dB)	Emission Level Corrected (dBuV)	Measurement Type	Line/ Neutral	Limit (dBuV)	Margin (dB)	Pass/ Fail
1	16.25357	18.63	9.71	0.41	28.75	Quasi Peak	Neutral	73	-44.25	Pass
2	14.59643	20.85	9.68	0.35	30.88	Quasi Peak	Neutral	73	-42.12	Pass
3	0.158176	34.08	9.31	0.03	43.42	Quasi Peak	Neutral	79	-35.58	Pass
4	16.03115	20.33	9.70	0.40	30.43	Quasi Peak	Neutral	73	-42.57	Pass
5	15.61565	24.37	9.68	0.38	34.43	Quasi Peak	Neutral	73	-38.57	Pass
6	15.33925	20.40	9.67	0.37	30.44	Quasi Peak	Neutral	73	-42.56	Pass
7	16.25357	11.22	9.71	0.41	21.34	Average	Neutral	60	-38.66	Pass
8	14.59643	9.050	9.68	0.35	19.08	Average	Neutral	60	-40.92	Pass
9	0.158176	14.86	9.31	0.03	24.20	Average	Neutral	66	-41.80	Pass
10	16.03115	14.17	9.70	0.40	24.27	Average	Neutral	60	-35.73	Pass
11	15.61565	12.81	9.68	0.38	22.88	Average	Neutral	60	-37.12	Pass
12	15.33925	13.60	9.67	0.37	23.65	Average	Neutral	60	-36.35	Pass

Remarks:

1. The emission levels of other frequencies were very low against the limit.
2. Margin value = Emission level – Limit value
3. Correction factor = Insertion loss + Cable loss
4. Emission Level = Correction Factor + Reading Value



Sample Calculation:

Example Calculation: QP Measurement
Corrected Level: Reading (dBuV) + Factor (dB(1/m))
Corrected Level = 10.4 (dBuV) + 18.3 (dB(1/m))
Corrected Level =28.7 dBuV/m

Margin: Level (dBuV/m) - Limit value (dBuV/m)
Margin = 28.7 dBuV/m – 46 dBuV/m
Margin = -17.3 dBuV/m

APPENDIX A - PICTURES OF TEST ARRANGEMENTS

Please refer to the attached file (Test Setup Photo).

APPENDIX B – DECLARATION OF MODEL DIFFERENCES LETTER

KLA Corporation ■ One Technology Drive ■ Milpitas, CA 95035 ■ www.kla.com

Declaration of Model Differences Letter

Applicant: KLA SensArray
Product name: RF Large Coil Carrier Station
Brand: KLA SensArray
Model:

Model Name	Model Number
CARRIER STATION LC 300	CSLC300
CARRIER STATION LC 200	CSLC200

Please refer to model difference as below.
Circuit board layout, component models are exactly the same.

#	Product Characteristics:	Products are:	
		Same	Different
1	Radio Frequency Operating Range(s)	X	
2	RF Power / Field Strength	X	
3	Radio Frequency Circuitry	X	
4	Antenna Characteristics	X	
5	Associated Digital Circuitry	X	
6	Functional Capabilities	X	
7	Cosmetic/Dimension Differences		X
8	Case Design/Materials		X

For any differences, a description is provided in the table below.

#	Description of differences:
1	CARRIER STATION LC 300 is based on 300mm diameter carrier station design, CARRIER STATION LC 200 is based on 200mm diameter carrier station design.
2	CARRIER STATION LC 200 is a modified design based on CARRIER STATION LC 300 with case design in different size, the same material.

The difference between them impose no deviation in their RF aspect, and hence, there applies no change to RF test results

KLA Corporation ■ One Technology Drive ■ Milpitas, CA 95035 ■ www.kla.com

Name and position: Lei Mei, Senior Electrical Design Engineer and Compliance Owner
Name of Applicant: KLA SensArray
Address: 7 Technology Drive. Milpitas, CA 95035

--- REPORT END ---