





EMC TEST REPORT

Applicant:	Lenovo(Shanghai) Electronics Technology Co., Ltd.
Address:	Section 304-305, Building No. 4, # 222, Meiyue Road, China (Shanghai) Pilot Free Trade Zone

Manufacturer or Supplier:	Lenovo PC HK Limited
Address:	23/F, Lincoln House, Taikoo Place 979 King's Road, Quarry Bay, Hong Kong
Product:	ThinkReality A6 Controller
Brand Name:	ThinkReality
Model Name:	ThinkReality A6 Controller
FCC ID:	O57TRA6CON
Date of tests:	Jun. 11, 2019 ~ Jun. 26, 2019

The submitted sample of the above equipment has been tested for according to the requirements of the following standards:

FCC Part 15, Subpart B, Class B

ANSI C63.4:2014

CONCLUSION: The submitted sample was found to **COMPLY** with the test requirement

Prepared by Alex Chen Engineer / Mobile Department	Approved by Luke Lu Manager / Mobile Department	
Alex	luke lu	
Date: Jul. 02, 2019	Date: Jul. 02, 2019	

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Test Report No.: FV190610W004

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RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
FV190610W004	Original release	Jul. 02, 2019

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1 GENERAL INFORMATION

1.1 GENERAL DESCRIPTION OF EUT

PRODUCT	ThinkReality A6 Co	ThinkReality A6 Controller		
BRAND NAME	ThinkReality			
MODEL NAME	ThinkReality A6 Co	ntroller		
NOMINAL VOLTAGE		5.0Vdc (host equipment) 3.8Vdc (Li-ion, battery)		
BATTERY	Brand Name: Lenove Model Name: L17D1P36 Power Rating: DC4.35V, 550mAh, Li-ion, battery			
MODULATION TYPE	BT_LE DTS			
OPERATING FREQUENCY	BT_LE	2402MHz ~ 2480MHz		
HW VERSION	LSC01-MB-V3.2			
SW VERSION	2.4.7			
I/O PORTS	Refer to user's manual			
CABLE	USB cable: non-shielded, detachable, 1.0m			
ACCESSORY DEVICES	Refer to note as below			

NOTE:

 For a more detailed features description, please refer to the manufacturer's specifications or the user's manual.

2. The EUT was powered by the following adapter and battery:

ADAPTER 1		
BRAND:	Lenovo	
MODEL:	SC-31	
INPUT:	AC100 - 240V, 0.8A	
OUTPUT:	DC5V, 3A / DC9V, 3A	
MANUFACTURER	SALOM	

BATTERY	
BRAND:	Lenovo
MODEL:	L17D1P36
OUTPUT:	DC3.8V, 550mAh
MANUFACTURER	Celxpert

3. The EUT matched the following USB cable:

TYPE C USB CABLE	-
BRAND:	Lenovo
MODEL:	LGBUC004-CS-H
SIGNAL LINE:	1.0 METER

4. For the test results, the EUT had been tested with all conditions. But only the worst case was shown in test report.

SUMMARY OF TEST RESULTS

The EUT has been tested according to the following specifications:

APPLIED STANDARD: FCC Part 15, Subpart B			
Standard Section	Test Item	Result	Remark
FCC Part 15, Subpart B, Class B ANSI C63.4:2014	Conducted Test Radiated Emission Test (30MHz ~ 1GHz)	PASS PASS	Meets limits minimum passing margin is -23.65dB at 10.476000MHz. Meets Class B Limit Minimum passing margin is -13.08dB at 33.88MHz
	Radiated Emission Test (Above 1GHz)	PASS	Meets Class B Limit Minimum passing margin is -23.86dB at 4859MHz

1.3 **MEASUREMENT UNCERTAINTY**

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

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

MEASUREMENT	FREQUENCY	UNCERTAINTY
Conducted emissions	150kHz ~ 30MHz	+/-2.66dB
De diete de ausie sie aus	30MHz ~ 1GHz	+/-3.26dB
Radiated emissions	1GHz ~ 18GHz	+/-4.48dB

1.4 DESCRIPTION OF TEST MODES

Test Mode	Test Condition		
	Radiated emission test		
1	1 Adapter+USB Cable+Control+BOX+AR/VR		
	Conducted emission test		
1	Adapter+USB Cable+Control+BOX+AR/VR		

NOTE:

- 1. For conducted emission test, test mode 1 was the worst case and only this mode was presented in this report.
- 2. For radiated emission test, test mode 1 was the worst case and only this mode was presented in this report

1.5 **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.

FOR ALL TESTS

NO.	PRODUCT	BRAND	MODEL NO.	SERIAL NO.	FCC ID
1	вох	ThinkReality	ThinkReality A6 Compute Pack	N/A	O57TRA6CP
2	AR/VR	ThinkReality	ThinkReality A6 Headset	N/A	N/A

NO.	SIGNAL CABLE DESCRIPTION OF THE ABOVE SUPPORT UNITS
1	N/A
2	N/A

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2 EMISSION TEST

CONDUCTED EMISSION MEASUREMENT

2.1.1 LIMITS OF CONDUCTED EMISSION MEASUREMENT

TEST STANDARD: FCC Part 15, Subpart B (Section: 15.107)

FREQUENCY OF EMISSION (MHz)	CONDUCTED LIMIT (dBµV)	
	Quasi-peak	Average
0.15 ~ 0.5	66 to 56	56 to 46
0.5 ~ 5	56	46
5 ~ 30	60	50

NOTE: 1. The lower limit shall apply at the transition frequencies.

- 2. The limit decreases in line with the logarithm of the frequency in the range of 0.15 to 0.50MHz.
- 3. All emanations from a class A/B digital device or system, including any network of conductors and apparatus connected thereto, shall not exceed the level of field strengths specified above.

2.1.2 **TEST INSTRUMENTS**

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
EMI Test Receiver	Rohde&Schwarz	ESR3	101900	Feb. 26,19	Feb. 25, 20
EMC32 test software	Rohde&Schwarz	EMC32	NA	NA	NA
LISN network	Rohde&Schwarz	ENV216	101922	Feb. 26,19	Feb. 25, 20

NOTE: 1. The test was performed in CE shielded room.

2. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to CEPREI/CHINA, GRGT/CHINA and NIM/CHINA.

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2.1.3 TEST PROCEDURES

- 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 frequency range from 150 kHz to 30MHz was searched. Emission levels under (Limit 20dB) were not recorded.

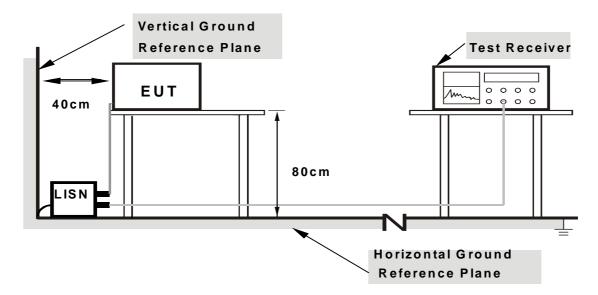
NOTE: All modes of operation were investigated and the worst-case emissions are reported.

2.1.4 DEVIATION FROM TEST STANDARD

No deviation.

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2.1.5 TEST SETUP



Note: 1.Support units were connected to second LISN.

2.Both of LISNs (AMN) are 80 cm from EUT and at least 80 from other units and other metal planes

For the actual test configuration, please refer to the attached file (Test Setup Photo).

2.1.6 EUT OPERATING CONDITIONS

- a. Turned on the power and connected of all equipment.
- b. EUT was operated according to the use type described in the manufacturer's specifications or the user's manual.

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2.1.7 TEST RESULTS

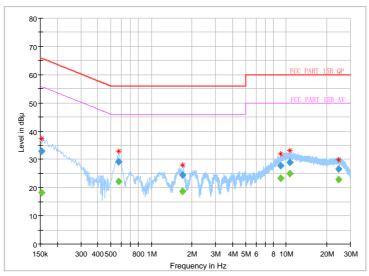
TEST VOLTAGE	1170 Vac 60 Hz	Detector Function & Resolution Bandwidth	Quasi-Peak (QP) / Average (AV), 9 kHz
ENVIRONMENTAL CONDITIONS	25deg. C, 52RH	TESTED BY	Tony Xiong

Frequency (MHz)	QuasiPeak (dB¦ÌV)	CAverage (dB¦ÌV)	Limit (dB¦ÌV)	Margin (dB)	Line	Filter	Corr. (dB)
0.154000		18.17	55.78	-37.61	L	ON	9.6
0.154000	32.99		65.78	-32.79	L	ON	9.6
0.572000		22.07	46.00	-23.93	L	ON	9.7
0.572000	29.21		56.00	-26.79	L	ON	9.7
1.700000		18.72	46.00	-27.28	L	ON	9.7
1.700000	24.45		56.00	-31.55	L	ON	9.7
9.088000		23.21	50.00	-26.79	L	ON	9.8
9.088000	27.68		60.00	-32.32	L	ON	9.8
10.688000		24.89	50.00	-25.11	L	ON	9.9
10.688000	28.84		60.00	-31.16	L	ON	9.9
24.624000		22.75	50.00	-27.25	L	ON	10.0
24.624000	26.64		60.00	-33.36	L	ON	10.0

REMARKS: 1. Q.P. and AV. are abbreviations of quasi-peak and average individually.

- 2. "-": The Quasi-peak reading value also meets average limit and measurement with the average detector is unnecessary.
- 3. The emission levels of other frequencies were very low against the limit.
- 4. Margin value = Emission level Limit value
- 5. Correction factor = Insertion loss + Cable loss
- 6. Emission Level = Correction Factor + Reading Value.





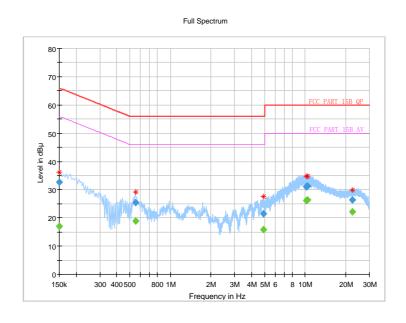
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TEST VOLTAGE	1120 Vac 60 Hz	Detector Function & Resolution Bandwidth	Quasi-Peak (QP) / Average (AV), 9 kHz
ENVIRONMENTAL CONDITIONS	25deg. C, 52RH	TESTED BY	Tony Xiong

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.150000		17.09	56.00	-38.91	N	ON	9.8
0.150000	32.77		66.00	-33.23	N	ON	9.8
0.556000		18.97	46.00	-27.03	N	ON	10.1
0.556000	25.34		56.00	-30.66	N	ON	10.1
4.896000		15.95	46.00	-30.05	N	ON	9.8
4.896000	21.56		56.00	-34.44	N	ON	9.8
10.232000		26.20	50.00	-23.80	N	ON	9.9
10.232000	30.96		60.00	-29.04	N	ON	9.9
10.476000		26.35	50.00	-23.65	N	ON	9.9
10.476000	31.22		60.00	-28.78	N	ON	9.9
22.332000		22.11	50.00	-27.89	N	ON	10.1
22.332000	26.44		60.00	-33.56	N	ON	10.1

REMARKS: 1. Q.P. and AV. are abbreviations of quasi-peak and average individually.

- 2. "-": The Quasi-peak reading value also meets average limit and measurement with the average detector is unnecessary.
- 3. The emission levels of other frequencies were very low against the limit.
- 4. Margin value = Emission level Limit value
- 5. Correction factor = Insertion loss + Cable loss
- 6. Emission Level = Correction Factor + Reading Value.



2.2 RADIATED EMISSION MEASUREMENT

2.2.1 LIMITS OF RADIATED EMISSION MEASUREMENT

TEST STANDARD: FCC Part 15, Subpart B (Section: 15.109)

Emissions radiated outside of the specified bands, shall be according to the general radiated limits as following:

Radiated Emissions Limits at 10 meters (dBµV/m)								
Frequencies (MHz)	FCC 15B/ ICES-003, Class A	S-003, ICES-003,		CISPR 22, Class B				
30-88	39	29.5						
88-216	43.5	33.1	40	30				
216-230	46.4	35.6						
230-960	40.4	35.6	47	37				
960-1000	49.5	43.5	47	37				
1000-3000	Avg: 49.5	Avg: 43.5	Not defined	Not defined				
3000+	Peak: 69.5	Peak: 63.5	Not defined	Not defined				

Radiated Emissions Limits at 3 meters (dBµV/m)							
Frequencies (MHz)			CISPR 22, Class A	CISPR 22, Class B			
30-88	49.5	40					
88-216	54	43.5	50.5	40.5			
216-230	56.9	46					
230-960	50.9	40	57.5	47.5			
960-1000	60	54	57.5	47.5			
1000-3000			Avg: 56	Avg: 50			
	Avg: 60	Avg: 54	Peak: 76	Peak: 70			
3000+	Peak: 80	Peak: 74	Avg: 60	Avg: 54			
			Peak: 80	Peak: 74			

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Frequency Range (For unintentional radiators)

Highest frequency generated or used in the device or on which the device operates or tunes (MHz)	Upper frequency of measurement range (MHz)
Below 1.705	30
1.705-108	1000
108-500	2000
500-1000	5000
Above 1000	5 th harmonic of the highest frequency or 40GHz, whichever is lower

NOTE: 1. The lower limit shall apply at the transition frequencies.

- 2. Emission level (dBuV/m) = 20 log Emission level (uV/m).
- 3. As shown in 15.35(b), 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.
- 4. QP detector shall be applied if not specified.

2.2.2 TEST INSTRUMENTS

Frequency range below1GHz

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
3m Semi-anechoic	ETS-LINDGREN		Euroshieldpn-	Feb. 26,19	Eab 25 20
Chamber	E I S-LINDGREN	9111.0111.0111	CT0001143-1216	Feb. 26,19	Feb. 25,20
Bilog Antenna	ETS-LINDGREN	3143B	00161965	Feb. 26,19	Feb. 25,20
MXE EMI Receiver	KEYSIGHT	N9038A-544	MY54450026	Feb. 26,19	Feb. 25,20
Signal Pre-Amplifier	EMSI	EMC 9135	980249	Jun. 24,19	Jun. 23,20

Frequency range above 1GHz

Equipment	Manufacturer	Model No.	Model No. Serial No.		Next Cal.	
3m Semi-anechoic	ETS-LINDGREN		Euroshieldpn-	Feb. 26,19	Feb. 25,20	
Chamber	ETS-LINDGKEN	eni oni oni	CT0001143-1216	Feb. 20,19	Feb. 25,20	
Horn Antenna	ETS-LINDGREN	3117	00168728	Feb. 26,19	Feb. 25,20	
MXE EMI Receiver	KEYSIGHT	N9038A-544	MY54450026	Feb. 26,19	Feb. 25, 20	
Cianal Dra Amplifiar	EMSI	EMC	980257	lun 24.40	lun 22 20	
Signal Pre-Amplifier	EIVISI	012645B	960257	Jun. 24,19	Jun. 23,20	

NOTE: 1. The test was performed in 3m chamber.

- 2. The calibration interval of the above test instruments is 12 months or 24 months and the calibrations are traceable to CEPREI/CHINA, GRGT/CHINA and NIM/CHINA.
- 3. The FCC Site Registration No. is 525120; The Designation No. is CN1171.

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2.2.3 TEST PROCEDURE

<Frequency Range below 1GHz>

The basic test procedure was in accordance with ANSI C63.4:2014 (section 12).

- a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic 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. The height of antenna is varied from 1 meter to 4 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 1GHz.

NOTE:

- 1. The resolution bandwidth of test receiver/spectrum analyzer is 120kHz for Quasi-peak detection (QP) at frequency below 1GHz.
- 2. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB/m)
- 3. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB) (if the raw value not contains the amplifier);
- 4. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB) Amplifier Gain(dB) (if the raw value contains the amplifier).
- 5. Margin value = Emission level Limit value.

<Frequency Range above 1GHz>

- a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter fully-anechoic 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. 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. The bore sight should be used during the test above 1GHz.
- 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 peak and average detect function and specified bandwidth with maximum hold mode when the test frequency is above 1 GHz

NOTE:

- 1. The resolution bandwidth of test receiver/spectrum analyzer is 120kHz for Quasi-peak detection (QP) at frequency below 1GHz.
- 2. The resolution bandwidth is 1MHz and video bandwidth of test receiver/spectrum analyzer is 3MHz for Peak detection at frequency above 1GHz. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and video bandwidth of test receiver/spectrum analyzer is 1Hz for Average detection (AV) at frequency above 1GHz.
- 3. For measurement of frequency above 1000 MHz, the EUT was set 3 meters away from the receiver
- 4. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB/m)
- 5. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB) (if the raw value not contains the amplifier);
- 6. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB) Amplifier Gain(dB) (if the raw value contains the amplifier)
- 7. Margin value = Emission level Limit value.

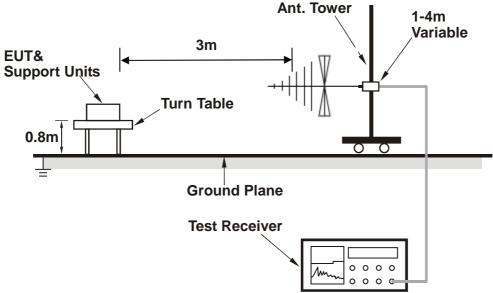
2.2.4 DEVIATION FROM TEST STANDARD

No deviation.

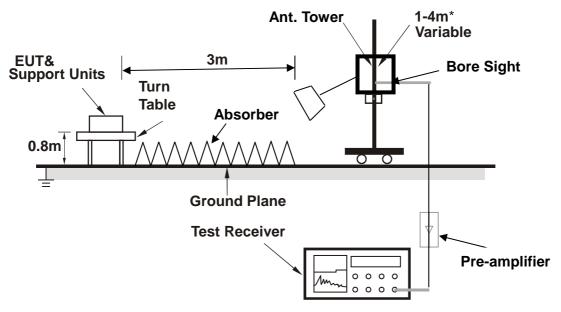
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2.2.5 TEST SETUP

<Frequency Range below 1GHz>



<Frequency Range above 1GHz>



Note: Above 1G is a directional antenna

depends on the EUT height and the antenna 3dB beamwidth both, refer to section 7.3 of CISPR 16-2-3.

2.2.6 EUT OPERATING CONDITIONS

Same as item 2.1.6.

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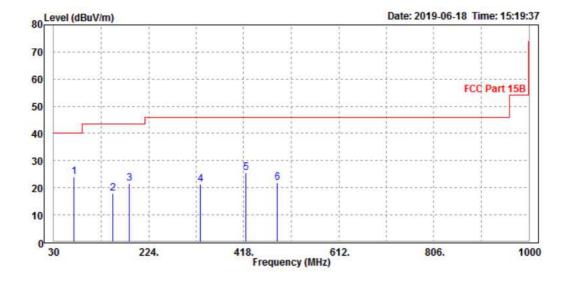
2.2.7 TEST RESULTS

TEST VOLTAGE	120 Vac, 60 Hz	FREQUENCY RANGE	30-1000 MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70 %RH	DETECTOR FUNCTION & RESOLUTION BANDWIDTH	Quasi-Peak, 120 kHz
TESTED BY	Tony Xiong		

	ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK	
70.74	23.89	52.48	40	-16.11	7.54	1.2	37.33	200	0	Peak	
150.28	18.06	43.6	43.5	-25.44	9.72	1.56	36.82	200	0	Peak	
185.2	21.5	45.97	43.5	-22	10.43	1.72	36.62	200	0	Peak	
329.73	21.18	40.6	46	-24.82	15.02	2.33	36.77	200	0	Peak	
422.85	25.63	42.3	46	-20.37	17.5	2.7	36.87	200	0	Peak	
486.87	21.91	37.62	46	-24.09	18.33	2.94	36.98	200	0	Peak	

REMARKS: 1. Peak detector quick scan is showed on the graph and final quasi-peak detector data is measured corresponding to relevant limit and recorded in the data table.

- 2. Negative sign (-) in the margin column signify levels below the limit.
- 3. Frequency range scanned: 30MHz to 1000MHz.
- 4. Only emissions significantly above equipment noise floor are reported.



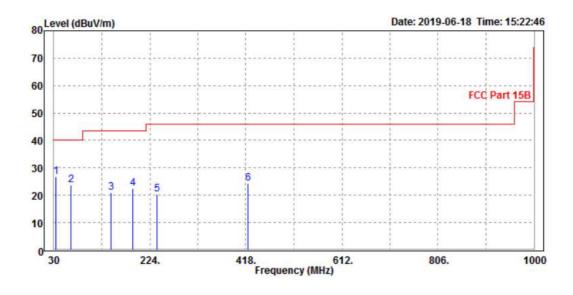
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TEST VOLTAGE	120 Vac, 60 Hz	FREQUENCY RANGE	30-1000 MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70 %RH	DETECTOR FUNCTION & RESOLUTION BANDWIDTH	Quasi-Peak, 120 kHz
TESTED BY	Tony Xiong		

	ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK	
33.88	26.92	48.83	40	-13.08	14.78	0.84	37.53	100	0	Peak	
64.92	23.74	52.75	40	-16.26	7.19	1.13	37.33	100	0	Peak	
146.4	21.14	47.05	43.5	-22.36	9.38	1.56	36.85	100	0	Peak	
189.08	22.57	46.85	43.5	-20.93	10.58	1.74	36.6	100	0	Peak	
237.58	20.45	42.5	46	-25.55	12.6	1.98	36.63	100	0	Peak	
422.85	24.41	40.96	46	-21.59	17.62	2.7	36.87	100	0	Peak	

- REMARKS: 1. Peak detector quick scan is showed on the graph and final quasi-peak detector data is measured corresponding to relevant limit and recorded in the data table.
 - 2. Negative sign (-) in the margin column signify levels below the limit.
 - 3. Frequency range scanned: 30MHz to 1000MHz.
 - 4. Only emissions significantly above equipment noise floor are reported.

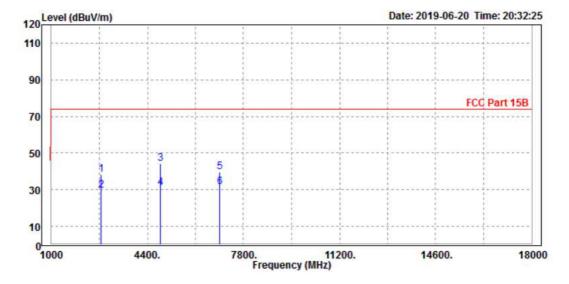


TEST VOLTAGE	120 Vac, 60 Hz	FREQUENCY RANGE	1-18 GHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70 %RH	DETECTOR FUNCTION & RESOLUTION BANDWIDTH	Peak/Average, 1 MHz
TESTED BY	Tony Xiong		

	ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK	
2768	38.38	41.3	74	-35.62	33.35	5.28	41.55	100	0	Peak	
2768	29.75	32.67	54	-44.25	33.35	5.28	41.55	100	0	Average	
4859	44.47	43.8	74	-29.53	35.69	6.89	41.91	100	0	Peak	
4859	30.8	30.13	54	-43.2	35.69	6.89	41.91	100	0	Average	
6950	39.86	37.39	74	-34.14	37.17	8.2	42.9	100	0	Peak	
6950	31.35	28.88	54	-42.65	37.17	8.2	42.9	100	0	Average	

REMARKS: 1. Peak detector quick scan is showed on the graph and final quasi-peak detector data is measured corresponding to relevant limit and recorded in the data table.

- 2. Negative sign (-) in the margin column signify levels below the limit.
- 3. Frequency range scanned: 1GHz to 18GHz.
- 4. Only emissions significantly above equipment noise floor are reported.

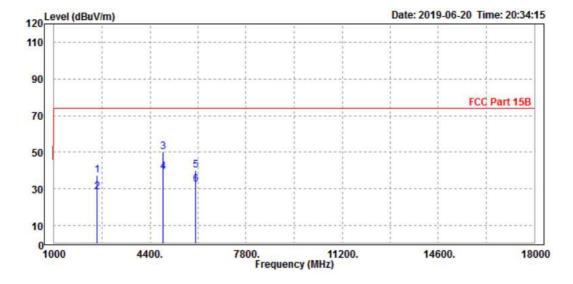


TEST VOLTAGE	120 Vac, 60 Hz	FREQUENCY RANGE	1-18 GHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70 %RH	DETECTOR FUNCTION & RESOLUTION BANDWIDTH	Peak/Average, 1 MHz
TESTED BY	Tony Xiong		

	ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB/m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK	
2530	37.33	41.25	74	-36.67	32.52	5.03	41.47	100	0	Peak	
2530	28.51	32.43	54	-45.49	32.52	5.03	41.47	100	0	Average	
4859	50.14	49.04	74	-23.86	36.12	6.89	41.91	100	0	Peak	
4859	39.16	38.06	54	-34.84	36.12	6.89	41.91	100	0	Average	
6015	40.26	37.68	74	-33.74	36.81	7.99	42.22	100	0	Peak	
6015	32.33	29.75	54	-41.67	36.81	7.99	42.22	100	0	Average	

REMARKS: 1. Peak detector quick scan is showed on the graph and final quasi-peak detector data is measured corresponding to relevant limit and recorded in the data table.

- 2. Negative sign (-) in the margin column signify levels below the limit.
- 3. Frequency range scanned: 1GHz to 18GHz.
- 4. Only emissions significantly above equipment noise floor are reported.



3 APPENDIX A – MODIFICATIONS RECORDERS FOR ENGINEERING CHANGES TO THE EUT BY THE LAB

No any modifications were made to the EUT by the lab during the test.

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