



FCC Test Report

APPLICANT : Lenovo (Shanghai) Electronics
Technology Co., Ltd.
EQUIPMENT : Portable Tablet Computer
BRAND NAME : Lenovo
MODEL NAME : A101LV
FCC ID : O57TABA101LV
STANDARD : 47 CFR Part 15 Subpart B
CLASSIFICATION : Certification

The product was received on Feb. 03, 2020 and testing was completed on Apr. 08, 2021. We, Sporton International (Kunshan) Inc., would like to declare that the tested sample has been evaluated in accordance with the test procedures given in ANSI C63.4-2014 and has been in compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of Sporton International (Kunshan) Inc., the test report shall not be reproduced except in full.

Jason Jia

Reviewed by: Jason Jia / Supervisor

Alex Wang

Approved by: Alex Wang / Manager



Sporton International (Kunshan) Inc.

No. 1098, Pengxi North Road, Kunshan Economic Development Zone Jiangsu Province 215300
People's Republic of China



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REVISION HISTORY

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FC120303	Rev. 01	Initial issue of report	May 11, 2021

SUMMARY OF TEST RESULT

Report Section	FCC Rule	Description	Limit	Result	Remark
3.1	15.107	AC Conducted Emission	< 15.107 limits	PASS	Under limit 5.74 dB at 0.203 MHz
3.2	15.109	Radiated Emission	< 15.109 limits	PASS	Under limit 3.07 dB at 191.990 MHz for Quasi-Peak

Declaration of Conformity:

The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.

Comments and Explanations:

The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.



1. General Description

1.1. Applicant

Lenovo (Shanghai) Electronics Technology Co., Ltd.

Section 304-305, Building No. 4, # 222, Meiyue Road, China (Shanghai) Pilot Free Trade Zone

1.2. Manufacturer

Lenovo PC HK Limited

23/F, Lincoln House, Taikoo Place 979 King's Road, Quarry Bay, Hong Kong, P.R.China

1.3. Product Feature of Equipment Under Test

Product Feature	
Equipment	Portable Tablet Computer
Brand Name	Lenovo
Model Name	A101LV
FCC ID	O57TABA101LV
EUT supports Radios application	WCDMA/LTE/5G NR WLAN 2.4GHz 802.11b/g/n HT20/HT40 WLAN 5GHz 802.11a/n HT20/HT40 WLAN 5GHz 802.11ac VHT20/VHT40/VHT80 Bluetooth BR/EDR/LE FM Receiver and GNSS
IMEI Code	Conduction: 863921050015232 Radiation: 863921050015430 for Sample 1 863921050015364 for Sample 2
HW Version	Lenovo Tablet A101LV
SW Version	A101LV_S000016_210305_Q6350-userdebug_jp
EUT Stage	Identical Prototype

Remark: The above EUT's information was declared by manufacturer. Please refer to the specifications or user's manual for more detailed description.

1.4. Product Specification of Equipment Under Test

Standards-related Product Specification	
Tx Frequency	LTE Band 41 : 2496 MHz ~ 2690 MHz 5G NR n77: 3300 MHz ~ 4200 MHz 802.11b/g/n: 2400 MHz ~ 2483.5 MHz 802.11a/n/ac: 5150 MHz ~ 5250 MHz; 5250 MHz ~ 5350 MHz; 5470 MHz ~ 5725 MHz 5725 MHz ~ 5850 MHz Bluetooth: 2400 MHz ~ 2483.5 MHz
Rx Frequency	LTE Band 41 : 2496 MHz ~ 2690 MHz 5G NR n77: 3300 MHz ~ 4200 MHz 802.11b/g/n: 2400 MHz ~ 2483.5 MHz 802.11a/n/ac: 5150 MHz ~ 5250 MHz; 5250 MHz ~ 5350 MHz; 5470 MHz ~ 5725 MHz 5725 MHz ~ 5850 MHz Bluetooth: 2400 MHz ~ 2483.5 MHz GNSS : 1559 MHz ~ 1610 MHz FM : 88 MHz ~ 108 MHz
Antenna Type	WWAN : PIFA Antenna WLAN : PIFA Antenna Bluetooth : PIFA Antenna GNSS: PIFA Antenna FM : External Earphone Antenna
Type of Modulation	LTE: QPSK / 16QAM / 64QAM 5G NR: DFT-s-OFDM (PI/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM) CP-OFDM (QPSK / 16QAM / 64QAM / 256QAM) 802.11b : DSSS (DBPSK / DQPSK / CCK) 802.11a/g/n/ac : OFDM (BPSK / QPSK / 16QAM / 64QAM / 256QAM) Bluetooth LE : GFSK Bluetooth (1Mbps) : GFSK Bluetooth (2Mbps) : $\pi/4$ -DQPSK Bluetooth (3Mbps) : 8-DPSK GNSS : BPSK FM

Remark: 5G NR n77 only support NSA mode and is only combined with the CE frequency band of LTE.

1.5. Modification of EUT

No modifications are made to the EUT during all test items.

1.6. Test Location

Sporton International (Kunshan) Inc. is accredited to ISO/IEC 17025:2017 by American Association for Laboratory Accreditation with Certificate Number 5145.02.

Test Firm	Sporton International (Kunshan) Inc.		
Test Site Location	No. 1098, Pengxi North Road, Kunshan Economic Development Zone Jiangsu Province 215300 People's Republic of China TEL : +86-512-57900158 FAX : +86-512-57900958		
Test Site No.	Sporton Site No.	FCC Designation No.	FCC Test Firm Registration No.
	CO01-KS 03CH02-KS	CN1257	314309

1.7. Test Software

Item	Site	Manufacturer	Name	Version
1.	03CH02-KS	AUDIX	E3	6.2009-8-24a
2.	CO01-KS	AUDIX	E3	6.2009-8-24

1.8. Applicable Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- ♦ 47 CFR Part 15 Subpart B
- ♦ ANSI C63.4-2014
- ♦ ANSI C63.4a-2017

Remark: All test items were verified and recorded according to the standards and without any deviation during the test.

2. Test Configuration of Equipment Under Test

2.1. Test Mode

The EUT has been associated with peripherals pursuant to ANSI C63.4-2014 and configuration operated in a manner tended to maximize its emission characteristics in a typical application.

Frequency range investigated: conduction emission (150 kHz to 30 MHz), radiation emission (30MHz to the 5th harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower).

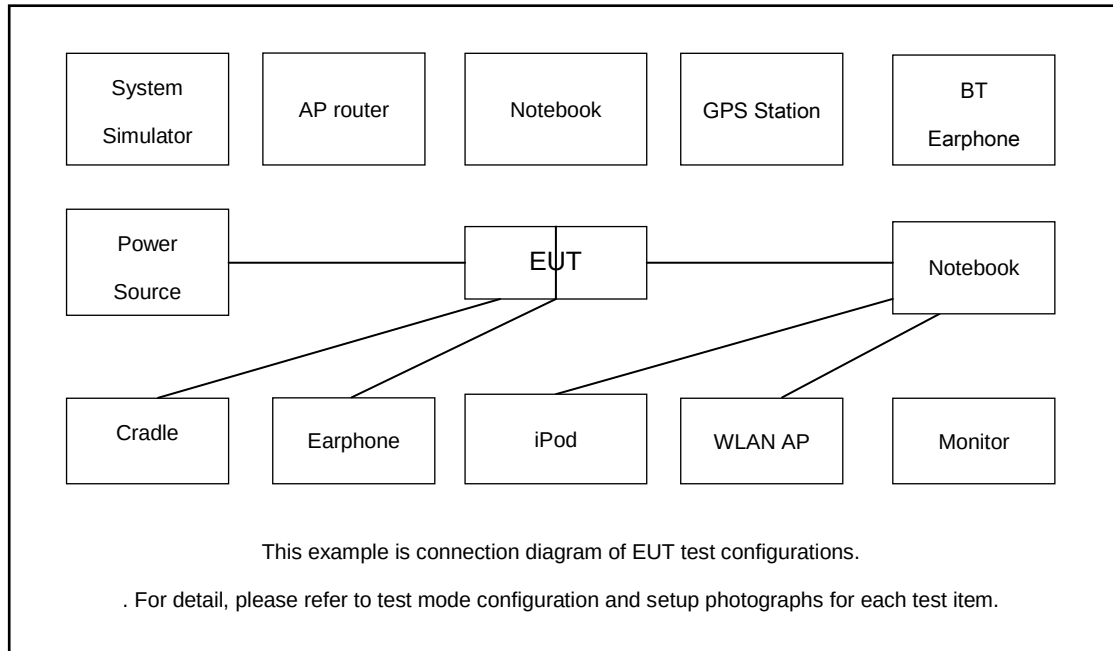
The EUT uses a USB interface and microprocessor operating 800MHz which is the maximum frequency used.

Test Items	Function Type
AC Conducted Emission	Mode 1: LTE Band 41 Rx + Earphone + BT Idle + WLAN Idle(2.4G) + Camera(Rear) + USB Cable(Charging from Adapter1) for Sample 1
	Mode 2: LTE Band 41 Rx + Earphone + BT Idle + WLAN Idle(5G) + Camera(Front) + USB Cable(Charging from Adapter2) for Sample 1
	Mode 3: LTE Band 41 Rx + Earphone + BT Idle + WLAN Idle(2.4G) + MPEG4 + USB Cable(Charging from Adapter2) for Sample 1
	Mode 4: LTE Band 41 Rx + Earphone + BT Idle + WLAN Idle(5G) + FM Rx(98MHZ) + USB Cable(Charging from Adapter2) for Sample 1
	Mode 5: LTE Band 41 Rx + Earphone + BT Idle + WLAN Idle(2.4G) + GNSS Rx + USB Cable(Data Link with NoteBook) for Sample 1
	Mode 6: LTE Band 41 Rx + Earphone + BT Idle + WLAN Idle(5G) + Camera(Front) + USB Cable(Charging from Adapter2) for Sample 2
	Mode 7: LTE Band 41 Rx + Earphone + BT Idle + WLAN Idle(2.4G) + GNSS Rx + USB Cable(Data Link with NoteBook) for Sample 2
Radiated Emissions	Mode 1: LTE Band 41 Rx + Earphone + BT Idle + WLAN Idle(2.4G) + Camera(Rear) + USB Cable(Charging from Adapter1) for Sample 1
	Mode 2: LTE Band 41 Rx + Earphone + BT Idle + WLAN Idle(5G) + Camera(Front) + USB Cable(Charging from Adapter2) for Sample 1
	Mode 3: LTE Band 41 Rx + Earphone + BT Idle + WLAN Idle(2.4G) + MPEG4 + USB Cable(Charging from Adapter2) for Sample 1
	Mode 4: LTE Band 41 Rx + Earphone + BT Idle + WLAN Idle(5G) + FM Rx(88MHZ) + USB Cable(Charging from Adapter2) for Sample 1
	Mode 5: LTE Band 41 Rx + Earphone + BT Idle + WLAN Idle(2.4G) + GNSS Rx + USB Cable(Data Link with NoteBook) for Sample 1
	Mode 6: LTE Band 41 Rx + Earphone + BT Idle + WLAN Idle(5G) + Camera(Front) + USB Cable(Charging from Adapter2) for Sample 2
	Mode 7: LTE Band 41 Rx + Earphone + BT Idle + WLAN Idle(2.4G) + GNSS Rx + USB Cable(Data Link with NoteBook) for Sample 2

Remark:

1. The worst case of AC is mode 2; only the test data of this mode is reported.
2. The worst case of RE is mode 5; only the test data of this mode is reported.
3. Data Link with Notebook means data application transferred mode between EUT and Notebook.

2.2.Connection Diagram of Test System



The EUT has been associated with peripherals pursuant to ANSI C63.4-2014 and configuration operated in a manner tended to maximize its emission characteristics in a typical application

2.3. Support Unit used in test configuration and system

Item	Equipment	Trade Name	Model Name	FCC ID	Data Cable	Power Cord
1.	Hard Disk	Lenovo	F310	DoC	Shielded, 1.2m	N/A
2.	Hard disk	KINGSHARE	KSP6120G	Fcc DoC	Shielded, 1.2m	N/A
3.	Earphone	Lenovo	P121	N/A	N/A	Unshielded,1.2m
4.	Notebook	Dell	Latitude3440	N/A	N/A	shielded cable DC O/P 1.8m , Unshielded AC I/P cable 1.8m
5.	Notebook	Lenovo	G480	QDS-BRCM1050I	N/A	shielded cable DC O/P 1.8m , Unshielded AC I/P cable 1.8m
6.	SD Card	SanDisk	Uitra	N/A	N/A	N/A
7.	WLAN AP	D-link	DIR-655	KA21R655B1	N/A	Unshielded,1.8m
8.	WLAN AP	TP-Link	TL-WDR5600	N/A	N/A	Unshielded,1.8m
9.	phone	N/A	N/A	N/A	N/A	N/A
10.	Bluetooth Earphone	Xiaomi	LYEJ02LM	N/A	N/A	N/A
11.	Bluetooth Earphone	Lenovo	LBH308	N/A	N/A	N/A
12.	LTE Base Station	Anritus	MT8820C	N/A	N/A	Unshielded,1.8m
13.	Signal Generator	R&S	SMBV100A	N/A	N/A	Unshielded,1.8m
14.	LTE Base Station	Anritus	MT8821C	N/A	N/A	Unshielded,1.8m
15.	5G NR Base Station	Anritsu	MT8000A	N/A	N/A	Unshielded,1.8m
16.	USB cable	N/A	N/A	N/A	N/A	N/A
17.	Earphone	N/A	N/A	N/A	N/A	N/A
18.	Adapter 1	Acbel	N/A	N/A	N/A	N/A
19.	Adapter 2	Chenyang	N/A	N/A	N/A	N/A

2.4. EUT Operation Test Setup

The EUT was in LTE idle mode during the testing. The EUT was synchronized to the BCCH, and is in continuous receiving mode by setting system simulator's paging reorganization.

At the same time, the EUT was attached to the Bluetooth earphone or WLAN AP, and the following programs installed in the EUT were programmed during the test.

1. Data application is transferred between notebook and EUT via USB cable.
2. Turn on camera to capture images.
3. Turn on MPEG4 function.
4. Turn on GNSS function to make the EUT receive continuous signals from GNSS station.
5. Turn on FM function to make the EUT receive continuous signals from FM station.

3. Test Result

3.1. Test of AC Conducted Emission Measurement

3.1.1 Limits of AC Conducted Emission

For equipment that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies within the band 150 kHz to 30 MHz shall not exceed the limits in the following table.

<Class B Limit>

Frequency of emission (MHz)	Conducted limit (dBuV)	
	Quasi-peak	Average
0.15-0.5	66 to 56*	56 to 46*
0.5-5	56	46
5-30	60	50

*Decreases with the logarithm of the frequency.

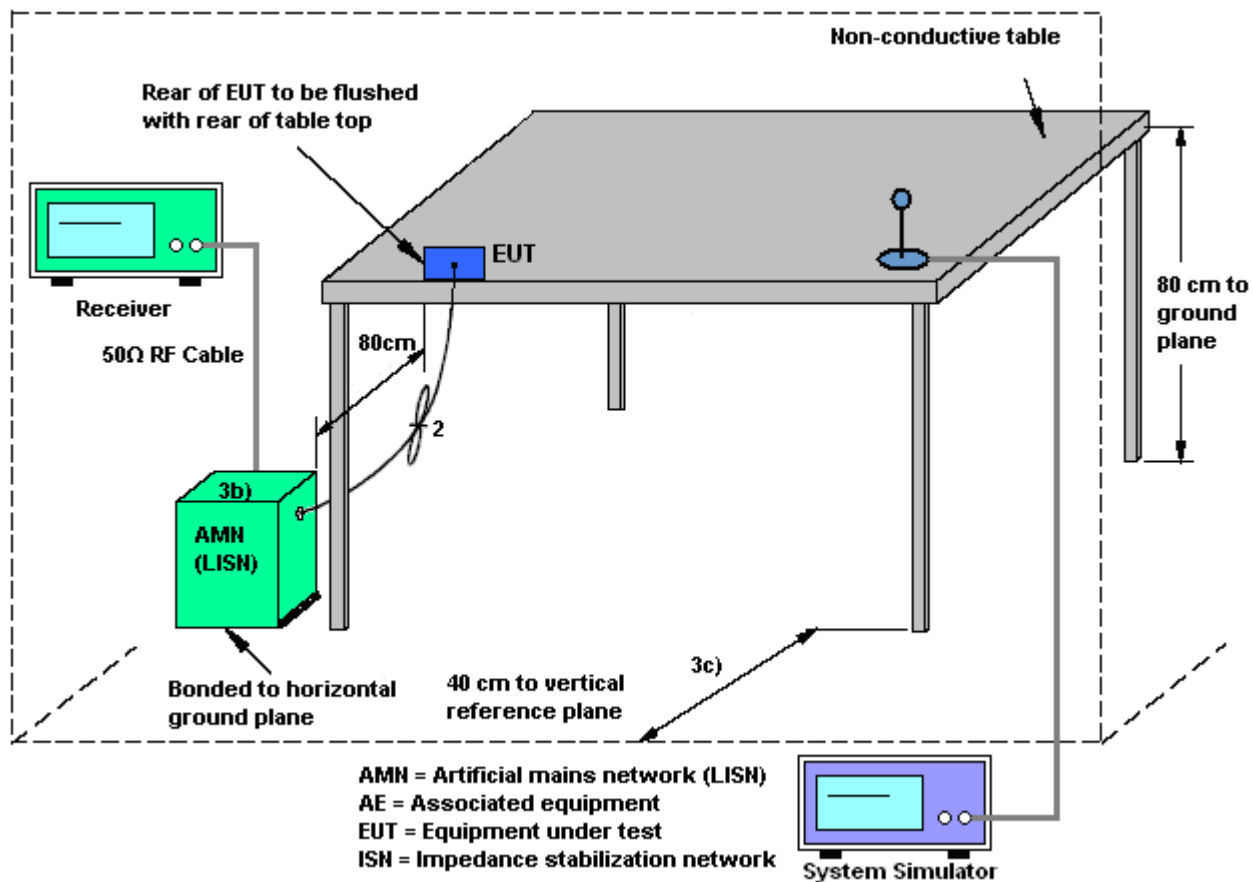
3.1.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

3.1.3 Test Procedure

1. The EUT was placed 0.4 meter from the conducting wall of the shielding room was kept at least 80 centimeters from any other grounded conducting surface.
2. Connect EUT to the power mains through a line impedance stabilization network (LISN).
3. All the support units are connecting to the other LISN.
4. The LISN provides 50 ohm coupling impedance for the measuring instrument.
5. The FCC states that a 50 ohm, 50 microhenry LISN should be used.
6. Both sides of AC line were checked for maximum conducted interference.
7. The frequency range from 150 kHz to 30 MHz was searched.
8. Set the test-receiver system to Peak Detect Function and specified bandwidth (IF Bandwidth = 9kHz) with Maximum Hold Mode. Then measurement is also conducted by Average Detector and Quasi-Peak Detector Function respectively.

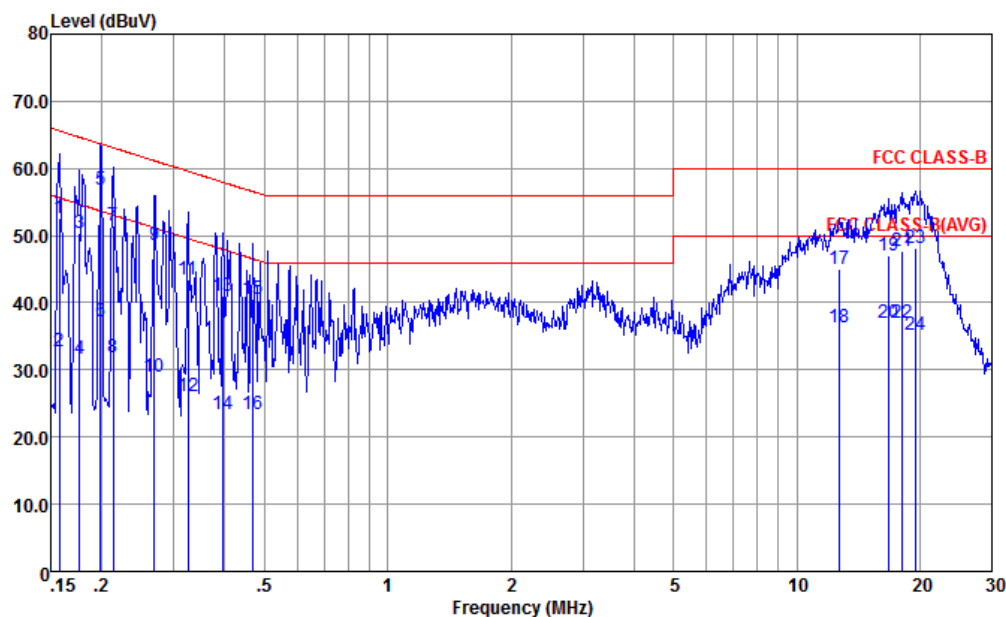
3.1.4 Test Setup





3.1.5 Test Result of AC Conducted Emission

Test Engineer :	Amos Zhang	Temperature :	25.3~26.2℃
		Relative Humidity :	38~40%
Test Voltage :	120Vac / 60Hz	Phase :	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		

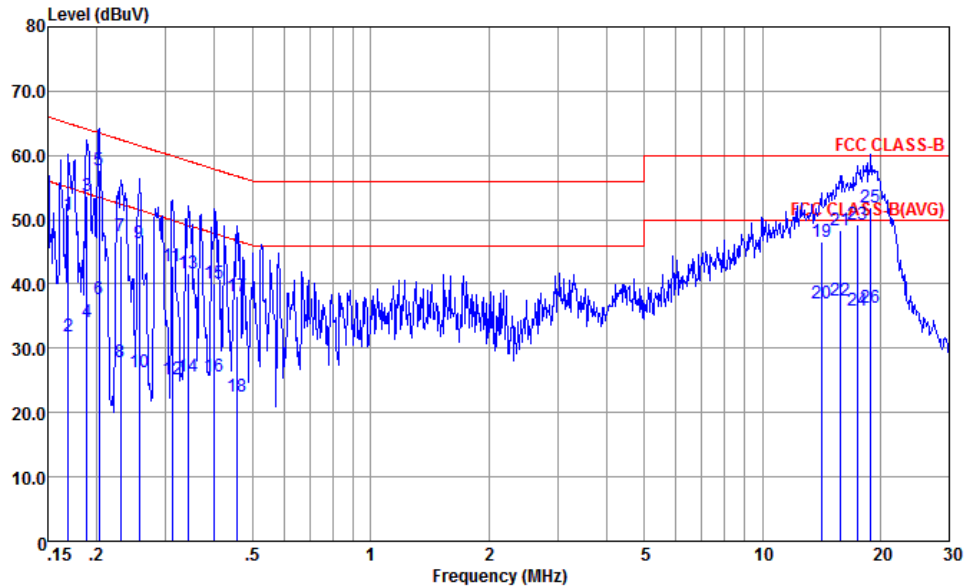


Site : CO01-KS
Condition : FCC CLASS-B TWO-LISN-CN02-L LINE
Project : (FC) 120303
mode : Mode 2
: 863921050015232 #37

	Freq	Level	Over	Limit	Read	LISN	Cable	
	MHz	dBuV	Limit	Line	Level	Factor	Loss	Remark
		dBuV	dB	dBuV	dBuV	dB	dB	
1	0.157	52.70	-12.90	65.60	32.60	9.64	10.46	QP
2	0.157	32.70	-22.90	55.60	12.60	9.64	10.46	Average
3	0.177	50.25	-14.39	64.64	30.20	9.64	10.41	QP
4	0.177	31.65	-22.99	54.64	11.60	9.64	10.41	Average
5 *	0.199	56.81	-6.86	63.67	36.80	9.64	10.37	QP
6	0.199	37.21	-16.46	53.67	17.20	9.64	10.37	Average
7	0.213	51.50	-11.60	63.10	31.50	9.64	10.36	QP
8	0.213	31.80	-21.30	53.10	11.80	9.64	10.36	Average
9	0.269	48.56	-12.60	61.16	28.60	9.64	10.32	QP
10	0.269	28.86	-22.30	51.16	8.90	9.64	10.32	Average
11	0.325	43.54	-16.03	59.57	23.60	9.64	10.30	QP
12	0.325	26.14	-23.43	49.57	6.20	9.64	10.30	Average
13	0.396	41.11	-16.84	57.95	21.19	9.65	10.27	QP
14	0.396	23.41	-24.54	47.95	3.49	9.65	10.27	Average
15	0.469	40.49	-16.05	56.54	20.60	9.65	10.24	QP
16	0.469	23.39	-23.15	46.54	3.50	9.65	10.24	Average
17	12.716	44.91	-15.09	60.00	23.81	10.73	10.37	QP
18	12.716	36.31	-13.69	50.00	15.21	10.73	10.37	Average
19	16.839	46.94	-13.06	60.00	25.50	11.00	10.44	QP
20	16.839	37.04	-12.96	50.00	15.60	11.00	10.44	Average
21	18.039	47.72	-12.28	60.00	26.20	11.06	10.46	QP
22	18.039	37.02	-12.98	50.00	15.50	11.06	10.46	Average
23	19.532	48.22	-11.78	60.00	26.59	11.14	10.49	QP
24	19.532	35.12	-14.88	50.00	13.49	11.14	10.49	Average



Test Engineer :	Amos Zhang	Temperature :	25.3~26.2℃
		Relative Humidity :	38~40%
Test Voltage :	120Vac / 60Hz	Phase :	Neutral
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Site : CO01-KS
 Condition : FCC CLASS-B TWO-LISN-CN02-N NEUTRAL
 Project : (FC) 120303
 mode : Mode 2
 : 863921050015232 #37

	Freq	Level	Over	Limit	Read	LISN	Cable	Remark
	MHz	dBuV	Limit	Line	Level	Factor	Loss	
		dBuV	dB	dBuV	dBuV	dB	dB	
1	0.169	50.77	-14.22	64.99	30.50	9.84	10.43	QP
2	0.169	31.87	-23.12	54.99	11.60	9.84	10.43	Average
3	0.188	53.76	-10.35	64.11	33.50	9.87	10.39	QP
4	0.188	34.16	-19.95	54.11	13.90	9.87	10.39	Average
5 *	0.203	57.75	-5.74	63.49	37.50	9.89	10.36	QP
6	0.203	37.55	-15.94	53.49	17.30	9.89	10.36	Average
7	0.230	47.40	-15.04	62.44	27.20	9.86	10.34	QP
8	0.230	27.80	-24.64	52.44	7.60	9.86	10.34	Average
9	0.256	46.36	-15.20	61.56	26.20	9.83	10.33	QP
10	0.256	26.36	-25.20	51.56	6.20	9.83	10.33	Average
11	0.312	42.69	-17.24	59.93	22.60	9.79	10.30	QP
12	0.312	25.29	-24.64	49.93	5.20	9.79	10.30	Average
13	0.343	41.66	-17.47	59.13	21.60	9.77	10.29	QP
14	0.343	25.56	-23.57	49.13	5.50	9.77	10.29	Average
15	0.400	40.22	-17.64	57.86	20.19	9.76	10.27	QP
16	0.400	25.62	-22.24	47.86	5.59	9.76	10.27	Average
17	0.456	38.19	-18.57	56.76	18.20	9.74	10.25	QP
18	0.456	22.49	-24.27	46.76	2.50	9.74	10.25	Average
19	14.138	46.56	-13.44	60.00	25.20	10.97	10.39	QP
20	14.138	36.96	-13.04	50.00	15.60	10.97	10.39	Average
21	15.801	48.33	-11.67	60.00	26.80	11.12	10.41	QP
22	15.801	37.33	-12.67	50.00	15.80	11.12	10.41	Average
23	17.475	49.19	-10.81	60.00	27.49	11.25	10.45	QP
24	17.475	35.89	-14.11	50.00	14.19	11.25	10.45	Average
25	18.920	52.03	-7.97	60.00	30.21	11.35	10.47	QP
26	18.920	36.33	-13.67	50.00	14.51	11.35	10.47	Average

Note:

1. Level(dBμV) = Read Level(dBμV) + LISN Factor(dB) + Cable Loss(dB)
2. Over Limit(dB) = Level(dBμV) – Limit Line(dBμV)

3.2. Test of Radiated Emission Measurement

3.2.1. Limit of Radiated Emission

The emissions from an unintentional radiator shall not exceed the field strength levels specified in the following table:

<Class B Limit>

Frequency (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
30 – 88	100	3
88 – 216	150	3
216 - 960	200	3
Above 960	500	3

3.2.2. Measuring Instruments

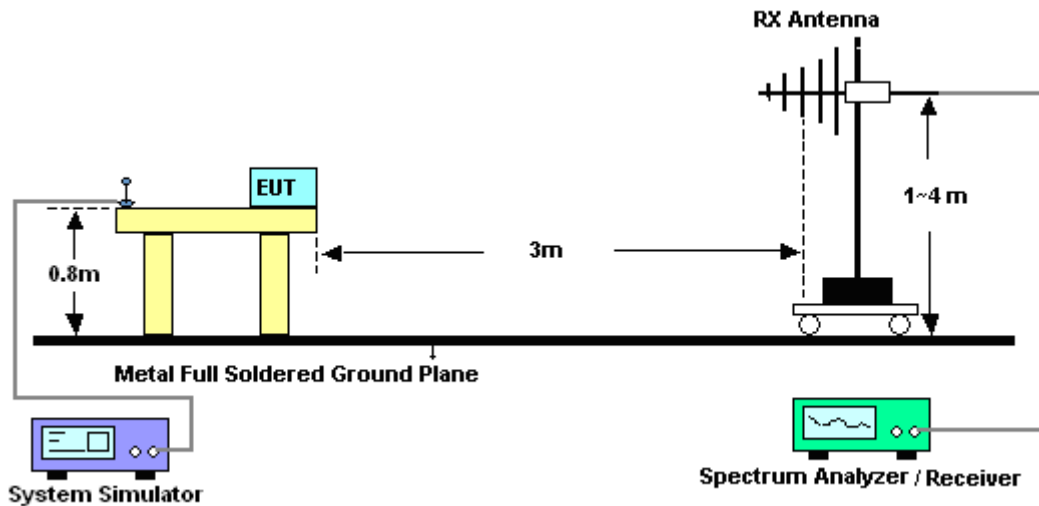
The measuring equipment is listed in the section 4 of this test report.

3.2.3. Test Procedures

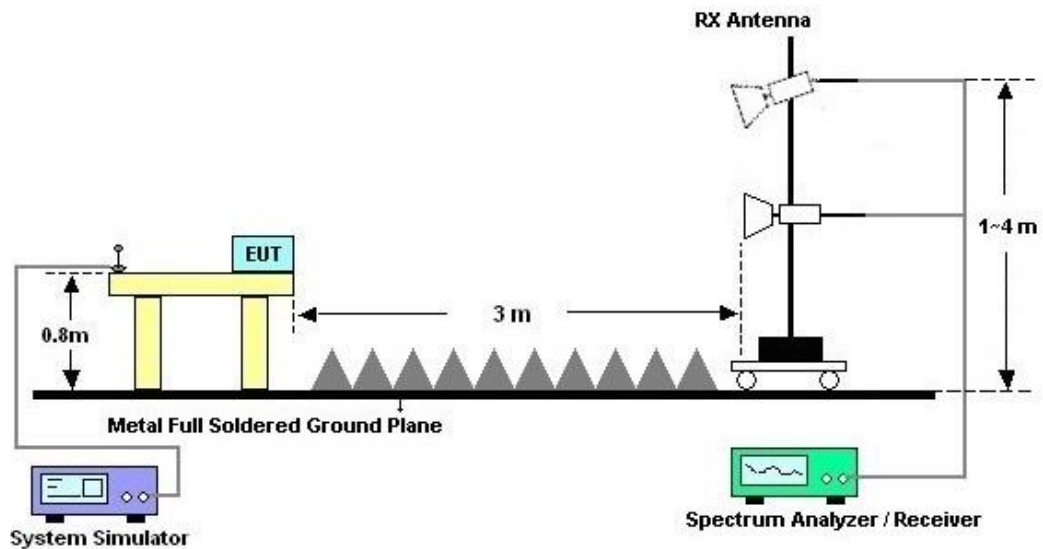
1. The EUT was placed on a turntable with 0.8 meter above ground.
2. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.
3. The table was rotated 360 degrees to determine the position of the highest radiation.
4. The antenna is a Bi-Log antenna and its height is adjusted between one to four meters above ground to find the maximum value of the field strength for both horizontal polarization and vertical polarization of the antenna.
5. For each suspected emission, the EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading.
6. Set the test-receiver system to Peak Detect Function and specified bandwidth with Maximum Hold Mode (RBW=120kHz/VBW=300kHz for frequency below 1GHz; RBW=1MHz VBW=3MHz (Peak), RBW=1MHz/VBW=10Hz (Average) for frequency above 1GHz).
7. If the emission level of the EUT in peak mode was 3 dB lower than the limit specified, peak values of EUT will be reported. Otherwise, the emission will be repeated by using the quasi-peak method and reported.
8. Emission level (dBμV/m) = 20 log Emission level (μV/m)
9. Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level

3.2.4. Test Setup of Radiated Emission

For radiated emissions from 30MHz to 1GHz

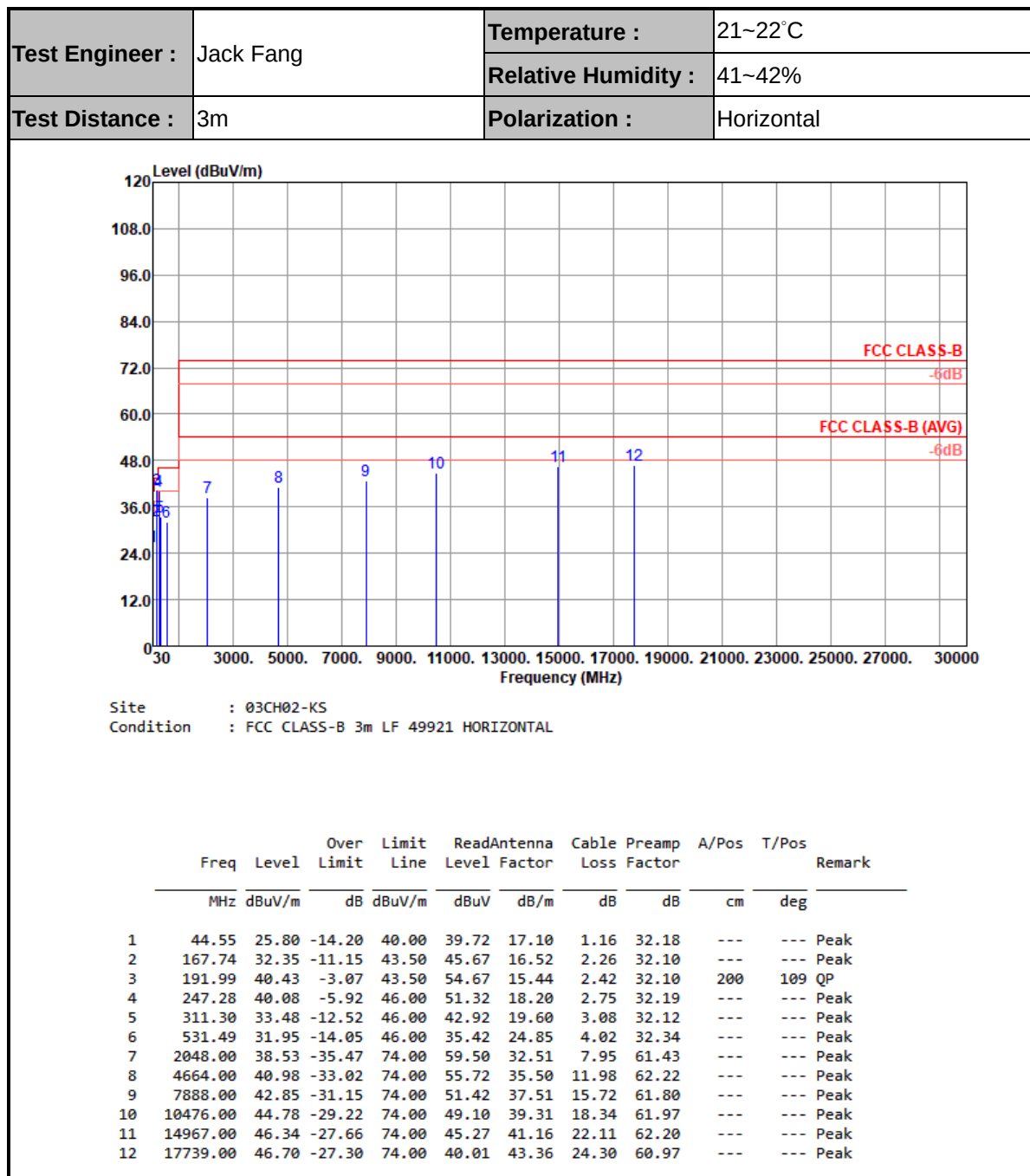


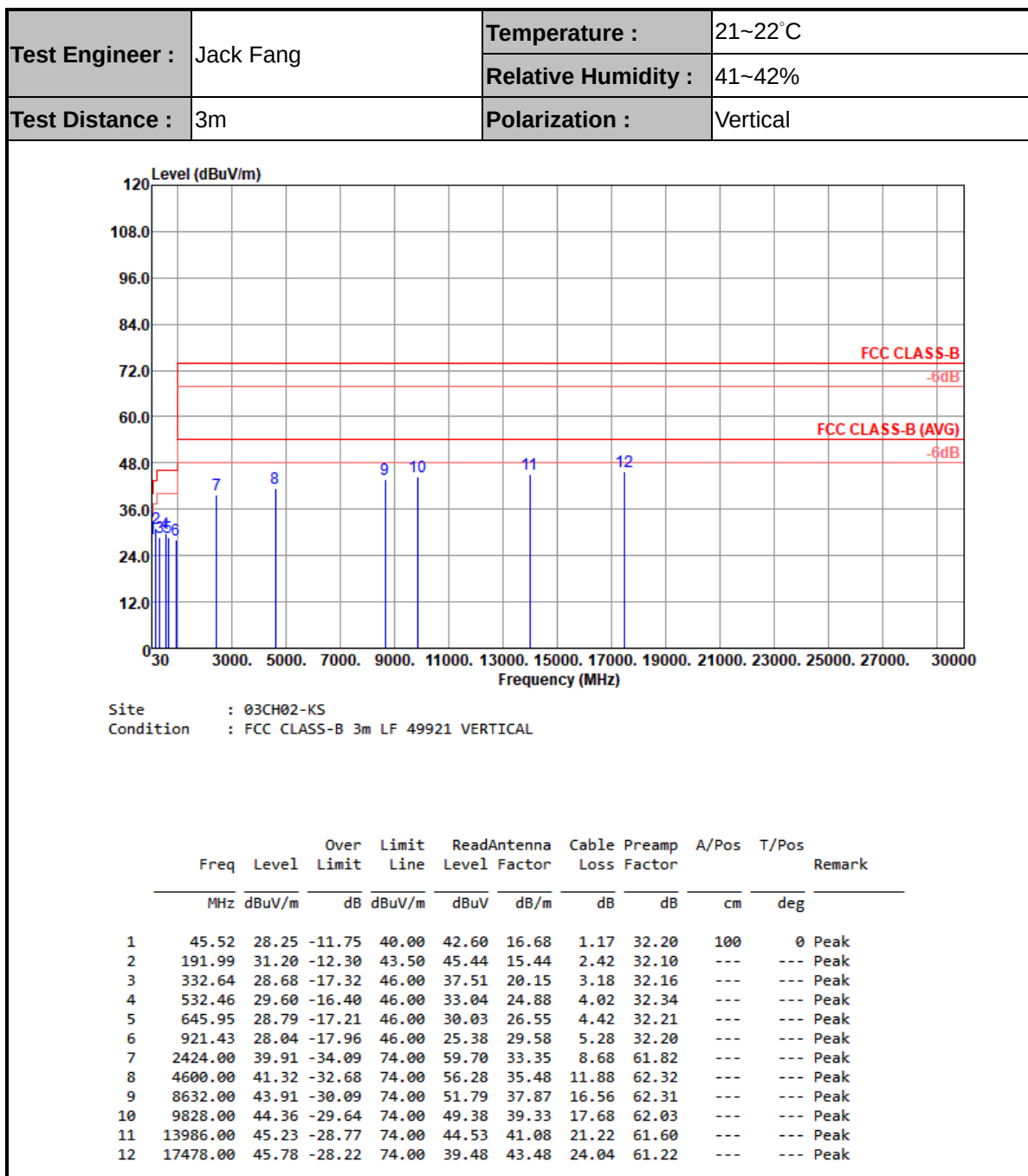
For radiated emissions above 1GHz





3.2.5. Test Result of Radiated Emission





Note:

- Level(dBμV/m) = Read Level(dBμV) + Antenna Factor(dB/m) + Cable Loss(dB) - Preamp Factor(dB)
- Over Limit(dB) = Level(dBμV/m) – Limit Line(dBμV/m)



4. List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
EMI Receiver	R&S	ESCI7	100768	9kHz~7GHz;	Apr. 14, 2020	Apr. 08, 2021	Apr. 13, 2021	Conduction (CO01-KS)
AC LISN (for auxiliary equipment)	MessTec	AN3016	060103	9kHz~30MHz	Oct. 17, 2020	Apr. 08, 2021	Oct. 16, 2021	Conduction (CO01-KS)
AC LISN	MessTec	AN3016	060105	9kHz~30MHz	Oct. 27, 2020	Apr. 08, 2021	Oct. 26, 2021	Conduction (CO01-KS)
AC Power Source	Chroma	61602	ABP0000008 11	AC 0V~300V, 45Hz~1000Hz	Oct. 17, 2020	Apr. 08, 2021	Oct. 16, 2021	Conduction (CO01-KS)
EMI Test Receiver	R&S	ESR7	101403	9kHz~7GHz;Ma x 30dBm	Oct. 17, 2020	Mar. 29, 2021	Oct. 16, 2021	Radiation (03CH02-KS)
EXA Spectrum Analyzer	Keysight	N9010A	MY55370528	10Hz~44G,MAX 30dB	Oct. 17, 2020	Mar. 29, 2021	Oct. 16, 2021	Radiation (03CH02-KS)
Bilog Antenna	TeseQ	CBL6111D	44483	30MHz~1GHz	Jan. 26, 2021	Mar. 29, 2021	Jan. 25, 2022	Radiation (03CH02-KS)
Double Ridge Horn Antenna	ETS-Lindgren	3117	75957	1GHz~18GHz	Nov. 1, 2020	Mar. 29, 2021	Oct. 31, 2021	Radiation (03CH02-KS)
SHF-EHF Horn	Com-power	AH-840	101115	18GHz~40GHz	Nov. 06, 2020	Mar. 29, 2021	Nov. 05, 2021	Radiation (03CH02-KS)
Amplifier	MITEQ	EM18G40GGA	060728	18~40GHz	Jan. 06, 2021	Mar. 29, 2021	Jan. 05, 2022	Radiation (03CH02-KS)
Amplifier	SONOMA	310N	187289	9KHz~1GHz	Jan. 06, 2021	Mar. 29, 2021	Jan. 05, 2022	Radiation (03CH02-KS)
Amplifier	Keysight	83017A	MY53270316	500MHz~26.5G Hz	Oct. 17, 2020	Mar. 29, 2021	Oct. 16, 2021	Radiation (03CH02-KS)
AC Power Source	Chroma	61601	61601000247 3	N/A	NCR	Mar. 29, 2021	NCR	Radiation (03CH02-KS)
Turn Table	MF	MF7802	N/A	0~360 degree	NCR	Mar. 29, 2021	NCR	Radiation (03CH02-KS)
Antenna Mast	MF	MF7802	N/A	1 m~4 m	NCR	Mar. 29, 2021	NCR	Radiation (03CH02-KS)

NCR: No Calibration Required

5. Uncertainty of Evaluation

Uncertainty of Conducted Emission Measurement (150 kHz ~ 30 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2U_c(y)$)	2.9dB
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Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2U_c(y)$)	4.9 dB
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Uncertainty of Radiated Emission Measurement (1000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2U_c(y)$)	5.0 dB
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Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2U_c(y)$)	5.1 dB
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