



FCC Test Report

APPLICANT : Lenovo(Shanghai) Electronics
Technology Co., Ltd.
EQUIPMENT : Portable Tablet Computer
BRAND NAME : Lenovo
MODEL NAME : Lenovo TB-8705F
FCC ID : O57TB8705F
STANDARD : 47 CFR Part 15 Subpart B
CLASSIFICATION : Certification

The product was received on Oct. 23, 2019 and testing was completed on Nov. 08, 2019. 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

James Huang

Approved by: James Huang / 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
FC902301	Rev. 01	Initial issue of report	Nov. 26, 2019



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 7.50 dB at 2.692 MHz
3.2	15.109	Radiated Emission	< 15.109 limits	PASS	Under limit 3.78 dB at 165.800 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	Lenovo TB-8705F
FCC ID	O57TB8705F
EUT supports Radios application	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
HW Version	Lenovo TB-8705F
SW Version	TB-8705F_RF01_190817
EUT Stage	Identical Prototype

Remark:

1. The above EUT's information was declared by manufacturer. Please refer to the specifications or user's manual for more detailed description.
2. There are four types of EUT, for the detailed of the differences, please refer the product equality declaration exhibit separately. According to the difference, sample 1 is assessed to perform full test and the sample 2/3/4 verify the worst cases.



1.4. Product Specification of Equipment Under Test

Standards-related Product Specification	
Tx Frequency	802.11b/g/n: 2412 MHz ~ 2462 MHz 802.11a/n/ac: 5180 MHz ~ 5240 MHz; 5260 MHz ~ 5320 MHz; 5500 MHz ~ 5700 MHz 5745 MHz ~ 5825 MHz Bluetooth: 2402 MHz ~ 2480 MHz
Rx Frequency	802.11b/g/n: 2412 MHz ~ 2462 MHz 802.11a/n/ac: 5180 MHz ~ 5240 MHz; 5260 MHz ~ 5320 MHz; 5500 MHz ~ 5700 MHz 5745 MHz ~ 5825 MHz Bluetooth: 2402 MHz ~ 2480 MHz GNSS : 1559 MHz ~ 1610 MHz FM : 87.5MHz ~ 108MHz
Antenna Type	WLAN : Monopole Antenna Bluetooth : Monopole Antenna GNSS: Monopole Antenna FM : External Headset Antenna
Type of Modulation	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

Note: GNSS Rx = BDS Rx + Glonass Rx + GPS Rx

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 03CH06-KS	CN1257	314309

1.7. Test Software

Item	Site	Manufacture	Name	Version
1.	03CH06-KS	AUDIX	E3	6.2009-8-24al
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

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.

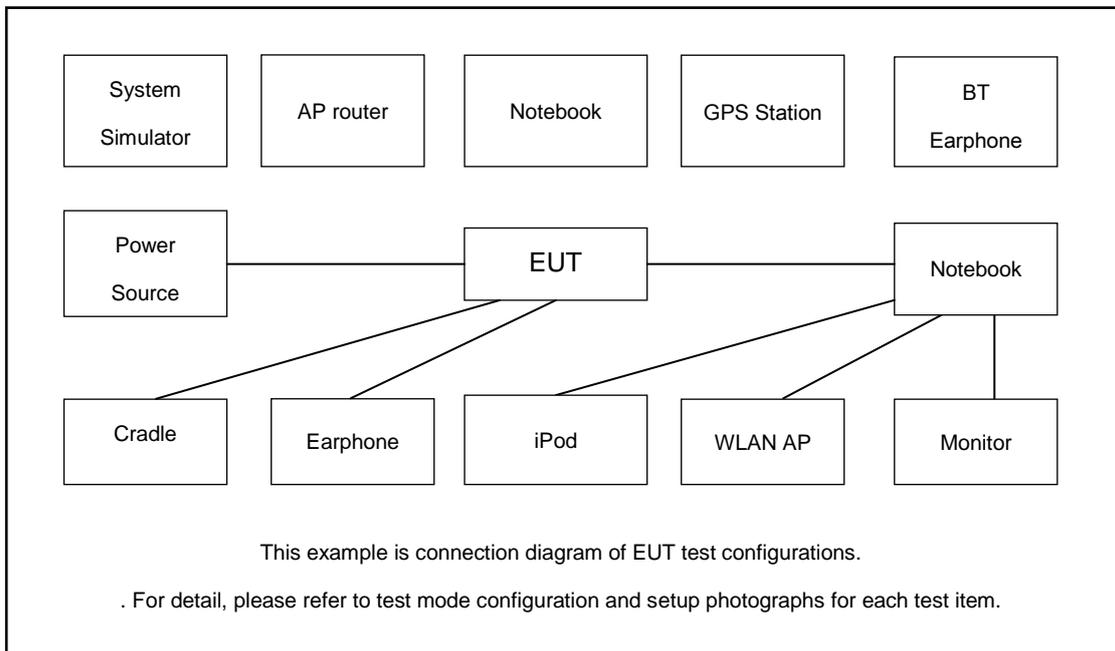
Frequency range investigated: conduction emission (150 kHz to 30 MHz), radiation emission (30MHz to the 5th harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower).

Test Items	Function Type
AC Conducted Emission	Mode 1 : Bluetooth Idle + WLAN Idle(2.4G) + Camera(Rear) + Earphone + Battery 1 + USB Cable 1(Charging from Adapter 1) for Sample 1
	Mode 2 : Bluetooth Idle + WLAN Idle(5G) + Camera(Front) + Earphone + Battery 1 + USB Cable 2(Charging from Adapter 2) for Sample 1
	Mode 3 : Bluetooth Idle + WLAN Idle(2.4G) + MPEG4 + Earphone + Battery 1 + USB Cable 2(Charging from Adapter 2) for Sample 1
	Mode 4 : Bluetooth Idle + WLAN Idle(5G) + FM Rx(98MHz) + Earphone + Battery 1 + USB Cable 2(Charging from Adapter 2) for Sample 1
	Mode 5 : Bluetooth Idle + WLAN Idle(2.4G) + GNSS Rx + Earphone + Battery 1 + USB Cable 1(Data Link with Notebook) for Sample 1
	Mode 6 : Bluetooth Idle + WLAN Idle(5G) + GNSS Rx + Earphone + Battery 1 + USB Cable 2(Data Link with Notebook) for Sample 1
	Mode 7 : Bluetooth Idle + WLAN Idle(2.4G) + GNSS Rx + Earphone + Battery 1 + USB Cable 1(Data Link with Notebook) for Sample 2
	Mode 8 : Bluetooth Idle + WLAN Idle(5G) + Camera(Front) + Earphone + Battery 2 + USB Cable 2(Charging from Adapter 2) for Sample 3
	Mode 9 : Bluetooth Idle + WLAN Idle(2.4G) + GNSS Rx + Earphone + Battery 2 + USB Cable 1(Data Link with Notebook) for Sample 3
	Mode 10 : Bluetooth Idle + WLAN Idle(2.4G) + GNSS Rx + Earphone + Battery 2 + USB Cable 1(Data Link with Notebook) for Sample 4



Radiated Emissions	<p>Mode 1: Bluetooth Idle + WLAN Idle(2.4G) + Camera(Rear) + Earphone + Battery 1 + USB Cable 1(Charging from Adapter 1) for Sample 1</p> <p>Mode 2: Bluetooth Idle + WLAN Idle(5G) + Camera(Front) + Earphone + Battery 1 + USB Cable 2(Charging from Adapter 2) for Sample 1</p> <p>Mode 3: Bluetooth Idle + WLAN Idle(2.4G) + MPEG4 + Earphone + Battery 1 + USB Cable 2(Charging from Adapter 2) for Sample 1</p> <p>Mode 4: Bluetooth Idle + WLAN Idle(5G) + FM Rx(88MHz) + Earphone + Battery 1 + USB Cable 2(Charging from Adapter 2) for Sample 1</p> <p>Mode 5: Bluetooth Idle + WLAN Idle(2.4G) + GNSS Rx + Earphone + Battery 1 + USB Cable 1(Data Link with Notebook) for Sample 1</p> <p>Mode 6: Bluetooth Idle + WLAN Idle(5G) + GNSS Rx + Earphone + Battery 1 + USB Cable 2(Data Link with Notebook) for Sample 1</p> <p>Mode 7: Bluetooth Idle + WLAN Idle(2.4G) + GNSS Rx + Earphone + Battery 1 + USB Cable 1(Data Link with Notebook) for Sample 2</p> <p>Mode 8: Bluetooth Idle + WLAN Idle(2.4G) + GNSS Rx + Earphone + Battery 2 + USB Cable 1(Data Link with Notebook) for Sample 3</p> <p>Mode 9: Bluetooth Idle + WLAN Idle(2.4G) + GNSS Rx + Earphone + Battery 2 + USB Cable 1(Data Link with Notebook) for Sample 4</p>
<p>Remark:</p> <ol style="list-style-type: none"> 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.	GNSS Station	RACELOGIC	RLLS03-2P	Fcc DoC	N/A	Unshielded,1.8m
2.	GNSS Station	RACELOGIC	18645	N/A	N/A	Unshielded,1.8m
3.	Vector Signal Generator	R&S	SMBV100A	258305	N/A	N/A
4.	WLAN AP	D-link	DIR-655	KA21R655B1	N/A	Unshielded,1.8m
5.	WLAN AP	TP-Link	TL-WDR5600	N/A	N/A	Unshielded,1.8m
6.	WLAN AP	ASUS	AC66U	N/A	N/A	Unshielded,1.8m
7.	Notebook	Lenovo	G480	QDS-BRCM1050I	N/A	AC I/P: Unshielded, 1.8 m DC O/P: Shielded, 1.8 m
8.	Notebook	Dell	Latitude3440	N/A	N/A	AC I/P: Unshielded, 1.8 m DC O/P: Shielded, 1.8 m
9.	Bluetooth Earphone	Lenovo	LBH308	N/A	N/A	N/A
10.	Bluetooth Earphone	Xiaomi	LYEJ02LM	N/A	N/A	N/A
11.	Hard Disk	Lenovo	F310	DoC	Shielded, 1.2m	N/A
12.	SD Card	Kingston	8GB	N/A	N/A	N/A
13.	SD Card	SanDisk	Uitra	N/A	N/A	N/A
14.	Earphone	Lenovo	P121	N/A	N/A	Unshielded,1.2m

2.4. EUT Operation Test Setup

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 GNSS function to make the EUT receive continuous signals from GNSS station.
3. Turn on MPEG4 function.
4. Turn on camera to capture images.



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.

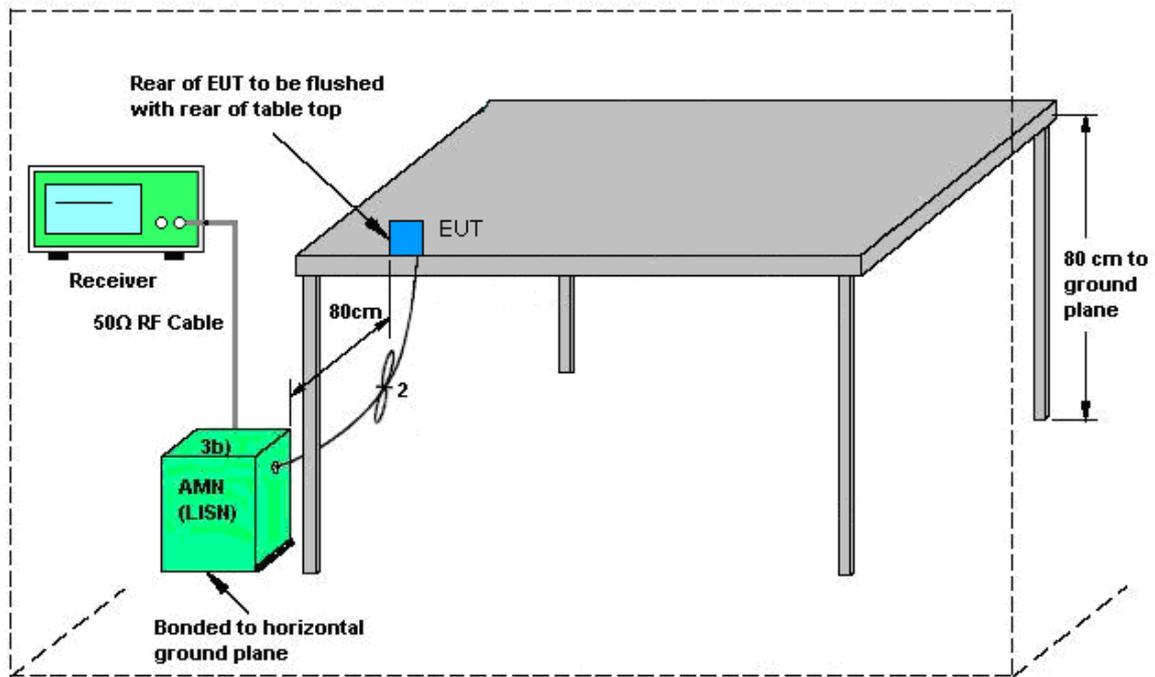
3.1.2 Measuring Instruments

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.

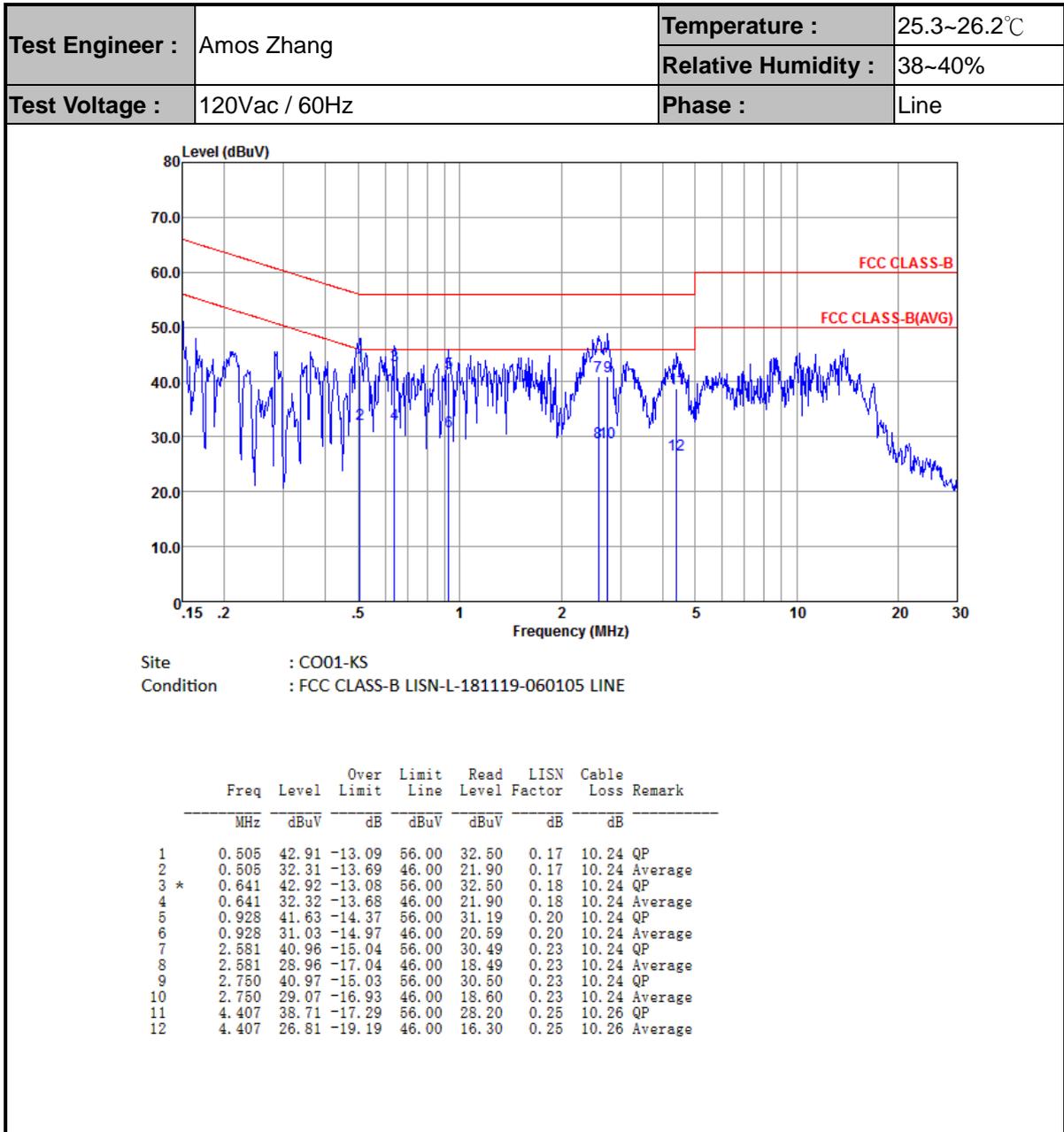
3.1.4 Test Setup



AMN = Artificial mains network (LISN)
AE = Associated equipment
EUT = Equipment under test
ISN = Impedance stabilization network

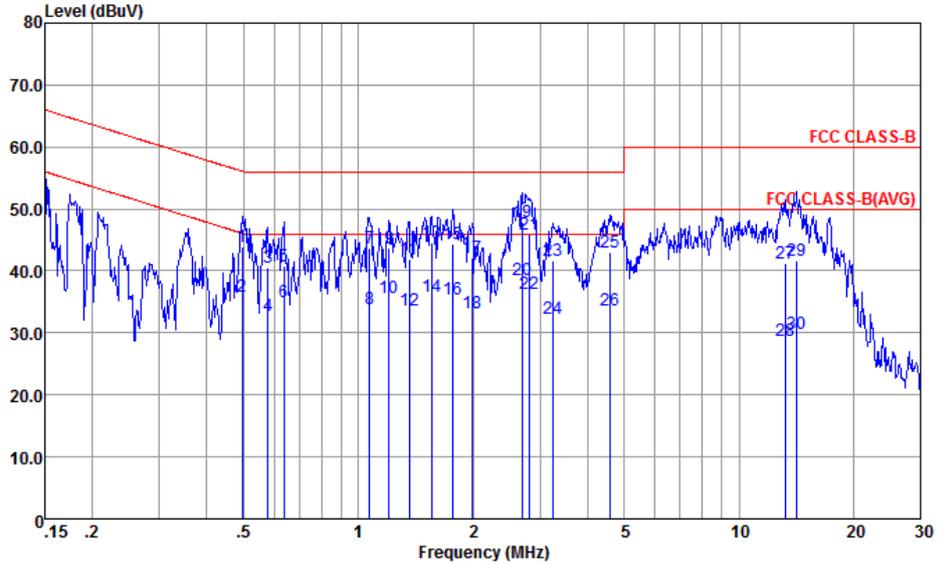


3.1.5 Test Result of AC Conducted Emission





Test Engineer :	Amos Zhang	Temperature :	25.3~26.2°C
		Relative Humidity :	38~40%
Test Voltage :	120Vac / 60Hz	Phase :	Neutral



Site : CO01-KS
 Condition : FCC CLASS-B LISN-N-181119-060105 NEUTRAL

	Freq	Level	Over	Limit	Read	LISN	Cable	Remark
	MHz	dBuV	Limit	Line	Level	Factor	Loss	
			dB	dBuV	dBuV	dB	dB	
1	0.494	43.88	-12.22	56.10	33.49	0.15	10.24	QP
2	0.494	35.88	-10.22	46.10	25.49	0.15	10.24	Average
3	0.579	40.58	-15.42	56.00	30.20	0.14	10.24	QP
4	0.579	32.68	-13.32	46.00	22.30	0.14	10.24	Average
5	0.637	40.88	-15.12	56.00	30.50	0.14	10.24	QP
6	0.637	34.98	-11.02	46.00	24.60	0.14	10.24	Average
7	1.071	43.67	-12.33	56.00	33.31	0.13	10.23	QP
8	1.071	33.87	-12.13	46.00	23.51	0.13	10.23	Average
9	1.203	43.67	-12.43	56.00	33.20	0.14	10.23	QP
10	1.203	35.67	-10.43	46.00	25.20	0.14	10.23	Average
11	1.359	41.87	-14.13	56.00	31.50	0.14	10.23	QP
12	1.359	33.67	-12.33	46.00	23.30	0.14	10.23	Average
13	1.560	44.67	-11.43	56.00	34.20	0.14	10.23	QP
14	1.560	35.87	-10.13	46.00	25.50	0.14	10.23	Average
15	1.772	44.27	-11.73	56.00	33.89	0.15	10.23	QP
16	1.772	35.47	-10.53	46.00	25.09	0.15	10.23	Average
17	1.991	42.18	-13.82	56.00	31.80	0.15	10.23	QP
18	1.991	33.28	-12.72	46.00	22.90	0.15	10.23	Average
19	2.692	47.90	-8.10	56.00	37.50	0.16	10.24	QP
20 *	2.692	38.50	-7.50	46.00	28.10	0.16	10.24	Average
21	2.824	46.00	-10.00	56.00	35.60	0.16	10.24	QP
22	2.824	36.30	-9.70	46.00	25.90	0.16	10.24	Average
23	3.241	41.61	-14.39	56.00	31.20	0.17	10.24	QP
24	3.241	32.31	-13.69	46.00	21.90	0.17	10.24	Average
25	4.598	43.04	-12.96	56.00	32.60	0.18	10.26	QP
26	4.598	33.74	-12.26	46.00	23.30	0.18	10.26	Average
27	13.197	41.11	-18.89	60.00	30.59	0.14	10.38	QP
28	13.197	28.71	-21.29	50.00	18.19	0.14	10.38	Average
29	14.213	41.72	-18.28	60.00	31.20	0.13	10.39	QP
30	14.213	29.82	-20.18	50.00	19.30	0.13	10.39	Average

Note:

- Level(dBμV) = Read Level(dBμV) + LISN Factor(dB) + Cable Loss(dB)
- 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

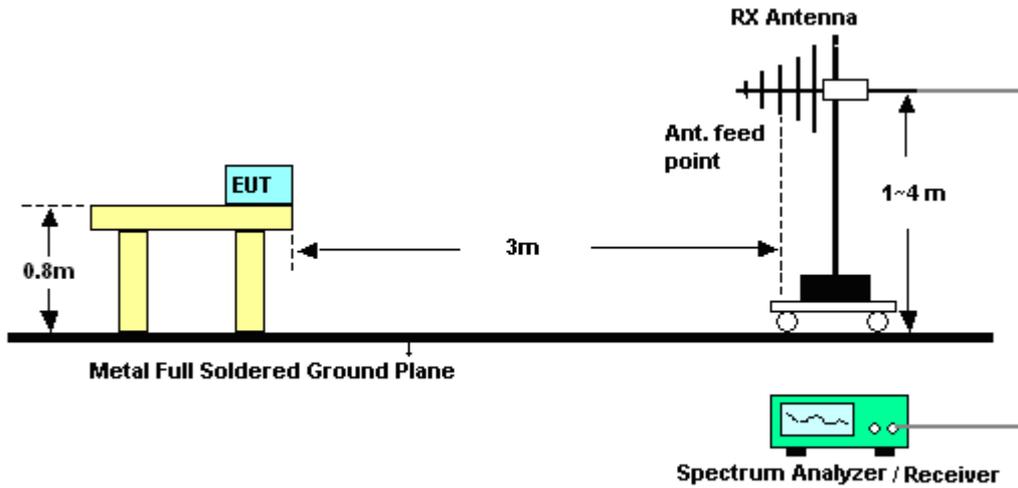
The measuring equipment is listed in the section 4 of this test report.

3.2.3. Test Procedures

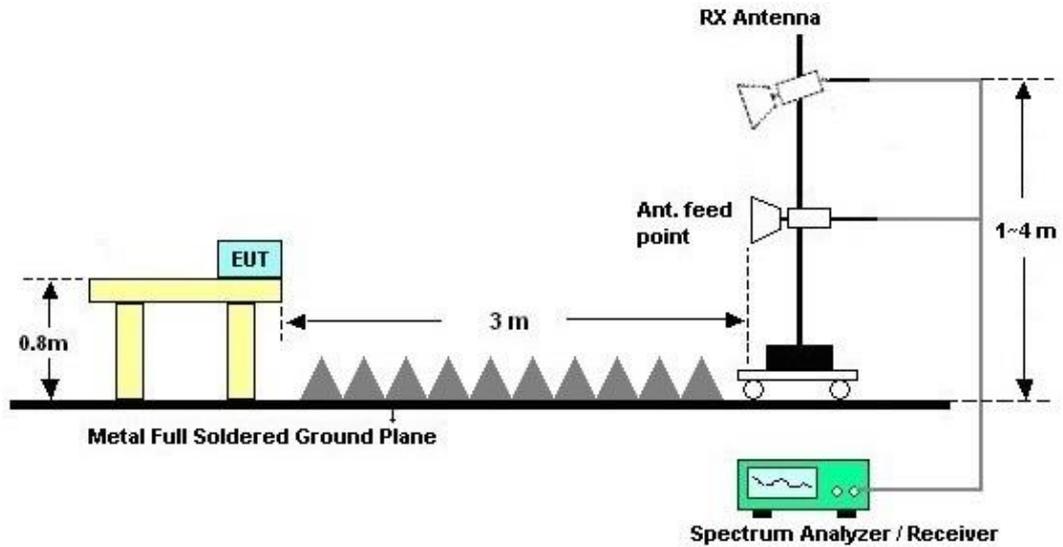
1. The EUT was placed on a turntable with 0.8 meter above ground.
2. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.
3. The table was rotated 360 degrees to determine the position of the highest radiation.
4. The antenna 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



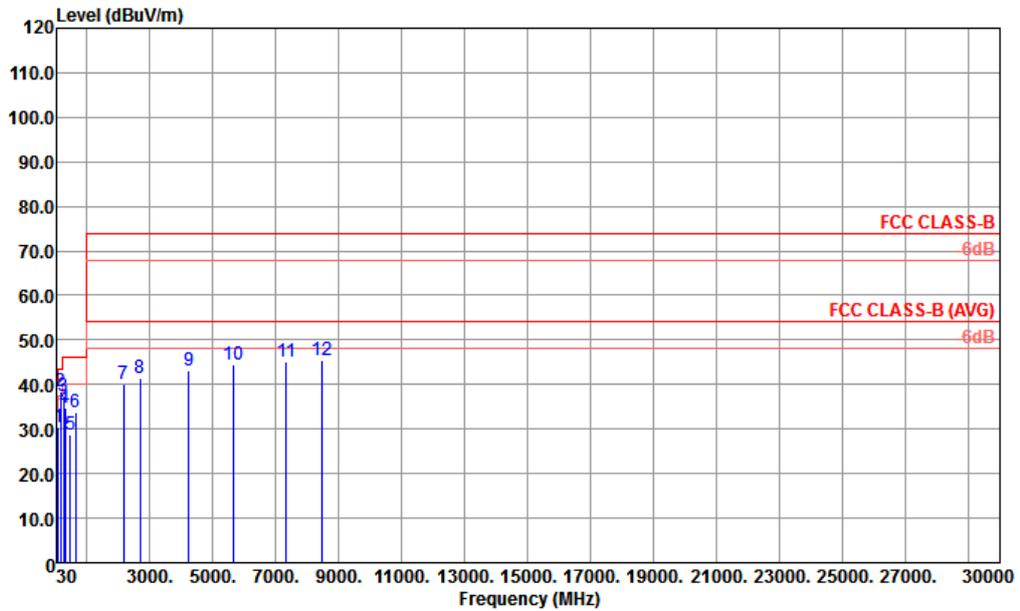
For radiated emissions above 1GHz





3.2.5. Test Result of Radiated Emission

Test Engineer :	Winter Zhang	Temperature :	21~22°C
		Relative Humidity :	41~42%
Test Distance :	3m	Polarization :	Horizontal

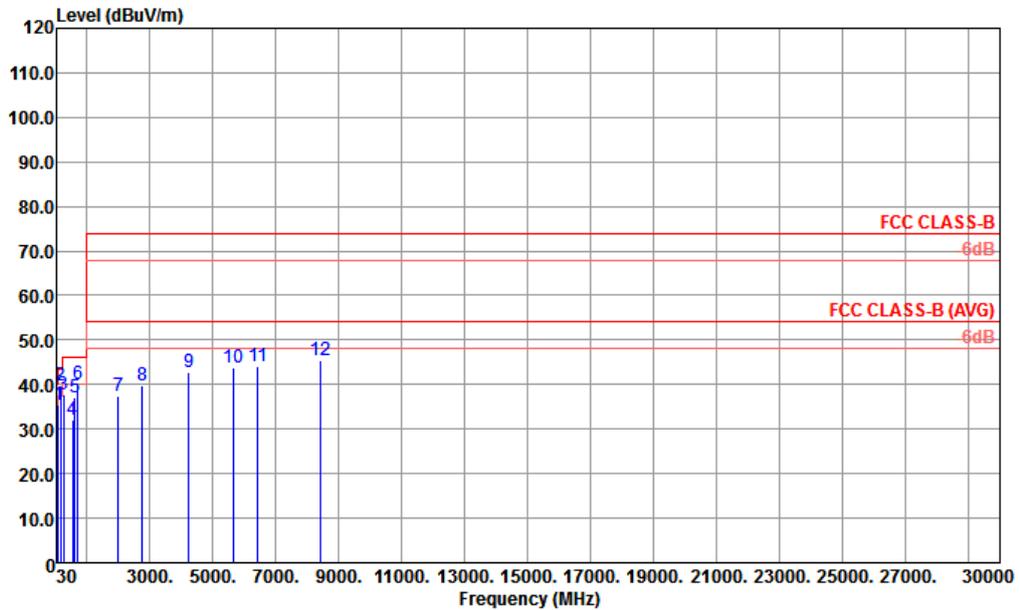


Site : 03CH06-KS
 Condition : FCC CLASS-B 3m LF 49922-3M HORIZONTAL
 Project : (FC)9o2301

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	79.470	30.58	-9.42	40.00	47.83	13.62	1.06	31.93	200	162 QP
2	156.100	38.51	-4.99	43.50	52.04	16.95	1.46	31.94	---	Peak
3	266.680	37.56	-8.44	46.00	48.76	18.90	1.90	32.00	---	Peak
4	308.390	34.78	-11.22	46.00	45.27	19.52	2.00	32.01	---	Peak
5	480.080	28.59	-17.41	46.00	34.64	23.70	2.49	32.24	---	Peak
6	631.400	33.69	-12.31	46.00	36.84	26.38	2.85	32.38	---	Peak
7	2168.000	40.12	-33.88	74.00	40.95	30.72	5.38	36.93	---	Peak
8	2680.000	41.34	-32.66	74.00	40.64	31.76	5.95	37.01	---	Peak
9	4224.000	43.11	-30.89	74.00	37.47	34.45	7.67	36.48	---	Peak
10	5640.000	44.32	-29.68	74.00	36.46	35.30	8.95	36.39	---	Peak
11	7320.000	44.98	-29.02	74.00	36.23	35.30	10.16	36.71	---	Peak
12	8464.000	45.52	-28.48	74.00	35.39	35.89	11.17	36.93	---	Peak



Test Engineer :	Winter Zhang	Temperature :	21~22°C
		Relative Humidity :	41~42%
Test Distance :	3m	Polarization :	Vertical



Site : 03CH06-KS
 Condition : FCC CLASS-B 3m LF 49922-3M VERTICAL
 Project : (FC)9o2301

	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1 !	80.440	35.31	-4.69	40.00	52.47	13.70	1.07	31.93	---	---	Peak
2 !	165.800	39.72	-3.78	43.50	53.60	16.54	1.51	31.93	100	147	QP
3	254.070	37.78	-8.22	46.00	49.13	18.75	1.87	31.97	---	---	Peak
4	531.490	32.11	-13.89	46.00	36.90	24.92	2.60	32.31	---	---	Peak
5	614.910	37.02	-8.98	46.00	40.46	26.18	2.78	32.40	---	---	Peak
6 !	719.670	40.14	-5.86	46.00	41.97	27.41	3.07	32.31	---	---	Peak
7	2000.000	37.27	-36.73	74.00	39.00	30.30	5.10	37.13	---	---	Peak
8	2760.000	39.85	-34.15	74.00	39.05	31.79	6.04	37.03	---	---	Peak
9	4240.000	42.83	-31.17	74.00	37.17	34.46	7.69	36.49	---	---	Peak
10	5656.000	43.78	-30.22	74.00	35.95	35.28	8.95	36.40	---	---	Peak
11	6424.000	44.26	-29.74	74.00	36.37	35.03	9.53	36.67	---	---	Peak
12	8400.000	45.49	-28.51	74.00	35.54	35.88	11.04	36.97	---	---	Peak

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 Test Receiver	Keysight	N9038A	MY57290157	3Hz~8.5GHz;Max 30dBm	Jul. 18, 2019	Nov. 08, 2019	Jul. 17, 2020	Radiation (03CH06-KS)
EXA Spectrum Analyzer	Keysight	N9010A	MY55150208	10Hz~44GHz	Apr. 16, 2019	Nov. 08, 2019	Apr. 18, 2020	Radiation (03CH06-KS)
Bilog Antenna	TeseQ	CBL6111D	44483	30MHz~1GHz	Dec. 28, 2018	Nov. 08, 2019	Dec. 27, 2019	Radiation (03CH06-KS)
Double Ridge Horn Antenna	ETS-Lindgren	3117	75959	1GHz~18GHz	Jan. 27, 2019	Nov. 08, 2019	Jan. 26, 2020	Radiation (03CH06-KS)
SHF-EHF Horn	Com-power	AH-840	101070	18GHz~40GHz	Jan. 05, 2019	Nov. 08, 2019	Jan. 04, 2020	Radiation (03CH06-KS)
Amplifier	SONOMA	310N	187289	9KHz ~1GHZ	Aug. 06, 2019	Nov. 08, 2019	Aug. 05, 2020	Radiation (03CH06-KS)
Amplifier	Keysight	83017A	MY53270203	500MHz~26.5GHz	Apr. 15, 2019	Nov. 08, 2019	Apr. 14, 2020	Radiation (03CH06-KS)
Amplifier	MITEQ	TTA1840-35-HG	2014749	18~40GHz	Jan. 14, 2019	Nov. 08, 2019	Jan. 13, 2020	Radiation (03CH06-KS)
AC Power Source	Chroma	61601	F104090004	N/A	NCR	Nov. 08, 2019	NCR	Radiation (03CH06-KS)
Turn Table	ChamPro	EM 1000-T	060762-T	0~360 degree	NCR	Nov. 08, 2019	NCR	Radiation (03CH06-KS)
Antenna Mast	ChamPro	EM 1000-A	060762-A	1 m~4 m	NCR	Nov. 08, 2019	NCR	Radiation (03CH06-KS)
EMI Receiver	R&S	ESC17	100768	9kHz~7GHz;	Apr. 16, 2019	Nov. 07, 2019	Apr. 15, 2020	Conduction (CO01-KS)
AC LISN	MessTec	AN3016	060103	9kHz~30MHz	Oct. 11, 2019	Nov. 07, 2019	Oct. 10, 2020	Conduction (CO01-KS)
AC LISN (for auxiliary equipment)	MessTec	AN3016	060105	9kHz~30MHz	Nov. 19, 2018	Nov. 07, 2019	Nov. 18, 2019	Conduction (CO01-KS)
AC Power Source	Chroma	61602	ABP000000811	AC 0V~300V, 45Hz~1000Hz	Oct. 11, 2019	Nov. 07, 2019	Oct. 10, 2020	Conduction (CO01-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% ($U = 2Uc(y)$)	2.9dB
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Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.0dB
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Uncertainty of Radiated Emission Measurement (1000 MHz ~ 18000 MHz)

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.0dB
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