



FCC Test Report

APPLICANT : ZTE CORPORATION
EQUIPMENT : WiFi Ufi
BRAND NAME : ZTE
MODEL NAME : MF97W
FCC ID : SRQ-MF97W
STANDARD : FCC 47 CFR FCC Part 15 Subpart B
CLASSIFICATION : Certification

The product was received on Aug. 27, 2014 and testing was completed on Sep. 23, 2014. 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 C63.4-2003 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.

Reviewed by: Louis Wu / Manager

Approved by: Jones Tsai / Manager



Testing Laboratory
2627

SPORTON INTERNATIONAL (KUNSHAN) INC.
No. 3-2, PingXiang Road, Kunshan, Jiangsu Province, P.R.C.



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REVISION HISTORY

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FC482702	Rev. 01	Initial issue of report	Sep. 25, 2014



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 13.23 dB at 0.490 MHz
3.2	15.109	Radiated Emission	< 15.109 limits	PASS	Under limit 3.67 dB at 880.690 MHz



1. General Description

1.1. Applicant

ZTE CORPORATION

ZTE Plaza, Keji Road South, Hi-Tech Industrial Park, Nanshan District, Shenzhen, Guangdong, 518057,
P. R. China

1.2. Manufacturer

ZTE CORPORATION

ZTE Plaza, Keji Road South, Hi-Tech Industrial Park, Nanshan District, Shenzhen, Guangdong, 518057,
P. R. China

1.3. Product Feature of Equipment Under Test

Product Feature	
Equipment	WiFi Ufi
Brand Name	ZTE
Model Name	MF97W
FCC ID	SRQ-MF97W
EUT supports Radios application	WLAN2.4GHz 802.11b/g/n HT20/HT40 WLAN5GHz 802.11a/n HT20/HT40 Bluetooth v3.0+EDR Bluetooth v4.0 LE
HW Version	xs9B
SW Version	MF97WV1.0.0B01
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 subjective to this standard

Product Specification subjective to this standard	
Tx Frequency	802.11b/g/n: 2412 MHz ~ 2462 MHz 802.11a/n: 5180 MHz ~ 5240 MHz; 5745 MHz ~ 5825 MHz Bluetooth: 2402 MHz ~ 2480 MHz
Rx Frequency	802.11b/g/n: 2412 MHz ~ 2462 MHz 802.11a/n: 5180 MHz ~ 5240 MHz; 5745 MHz ~ 5825 MHz Bluetooth: 2402 MHz ~ 2480 MHz
Antenna Type	WLAN Chain Port 0 : Dipole Antenna WLAN Chain Port 1 : PCB Antenna Bluetooth : Dipole Antenna
Type of Modulation	802.11b : DSSS (DBPSK / DQPSK / CCK) 802.11a/g/n : OFDM (BPSK / QPSK / 16QAM / 64QAM) Bluetooth LE : GFSK Bluetooth (1Mbps) : GFSK Bluetooth (2Mbps) : $\pi/4$ -DQPSK Bluetooth (3Mbps) : 8-DPSK



1.5. Modification of EUT

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

1.6. Test Location

Test Site	SPORTON INTERNATIONAL (KUNSHAN) INC.		
Test Site Location	No. 3-2, PingXiang Road, Kunshan, Jiangsu Province, P.R.C.		
	TEL: +86-0512-5790-0158		
	FAX: +86-0512-5790-0958		
Test Site No.	Sporton Site No.		FCC Registration No.
	CO01-KS	03CH01-KS	149928

1.7. Applicable Standards

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

- ♦ FCC 47 CFR FCC Part 15 Subpart B
- ♦ ANSI C63.4-2003

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 C63.4-2003 and configuration operated in a manner tended to maximize its emission characteristics in a typical application.

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

The following tables are showing the test modes as the worst cases and recorded in this report.

Item	EUT Configuration	Test Condition		
		EMI AC	EMI RE<1G	EMI RE≥1G
1.	Charging Mode (EUT with adapter)	☒	☒	Note 1
2.	Operation Mode (EUT connected with notebook)	☒	☒	Note 1
3.	Data application transferred mode (EUT connected with HD)	☒	☒	☒

Abbreviations:

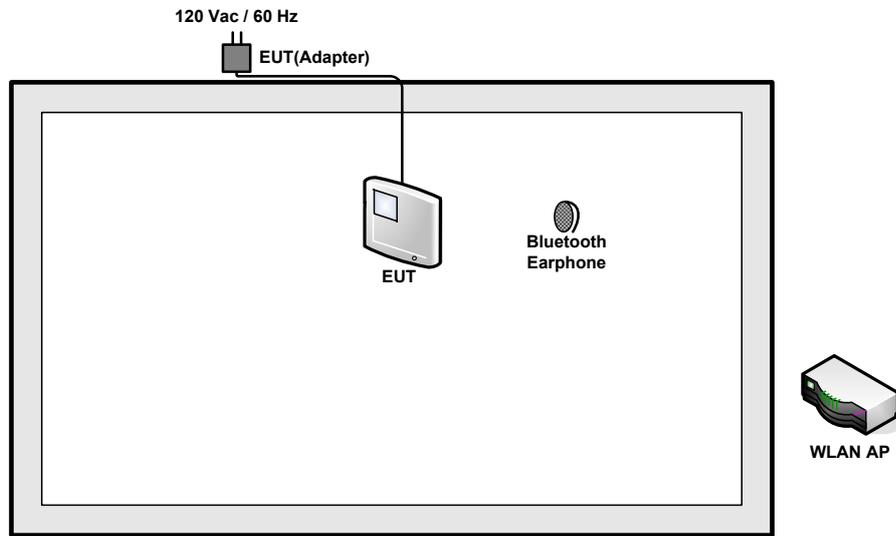
- EMI AC: AC conducted emissions
- EMI RE ≥ 1G: EUT radiated emissions ≥ 1GHz
- EMI RE < 1G: EUT radiated emissions < 1GHz

Note 1: Testing for this mode is not required or not the worst case.

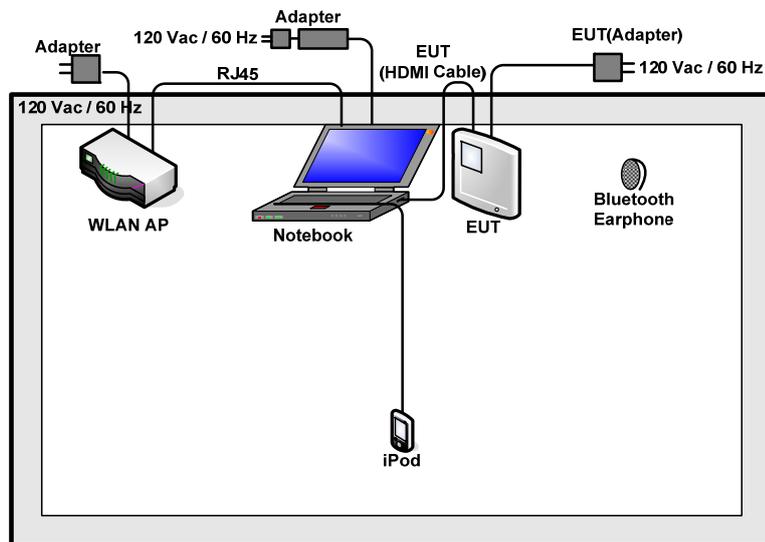
Remark: For signal above 1GHz, the worst case was test item 3.

Test Items	EUT Configure Mode	Function Type
AC Conducted Emission	1/2/3	Mode 1 : Bluetooth Idle + WLAN (5G) Idle + Adapter + MPEG4 <Fig.1> Mode 2 : Bluetooth Idle + WLAN (2.4G) Idle + Adapter + Projection <Fig.1> Mode 3 : Bluetooth Idle + WLAN (5G) Idle + Adapter + HDMI Cable <Fig.2> Mode 4 : Bluetooth Idle + WLAN (2.4G) Idle + Adapter + USB Link (Data Link with HD) <Fig.3>
Radiated Emissions < 1GHz	1/2/3	Mode 1 : Bluetooth Idle + WLAN (5G) Idle + Adapter + MPEG4 <Fig.1> Mode 2 : Bluetooth Idle + WLAN (2.4G) Idle + Adapter + Projection <Fig.1> Mode 3 : Bluetooth Idle + WLAN (5G) Idle + Adapter + HDMI Cable <Fig.2> Mode 4 : Bluetooth Idle + WLAN (2.4G) Idle + Adapter + USB Link (Data Link with HD) <Fig.3>
Radiated Emissions ≥ 1GHz	3	Mode 1 : Bluetooth Idle + WLAN (2.4G) Idle + Adapter + USB Link (Data Link with HD) <Fig.3>
<p>Remark:</p> <ol style="list-style-type: none"> 1. The worst case of AC is mode 3; and the USB Link mode of AC is mode 4, the test data of these modes were reported. 2. The worst case of RE < 1G is mode 4; only the test data of this mode was reported. 3. Link with HD means data application transferred mode between EUT and HD (iPod/U disk). 4. HDMI Cable means media application transferred between EUT and Notebook. 		

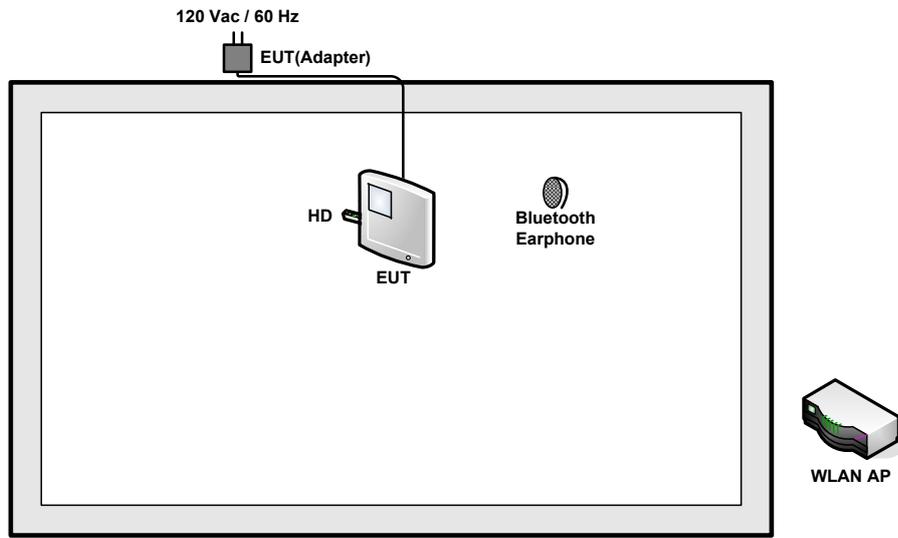
2.2. Connection Diagram of Test System



<Fig.1>



<Fig.2>



<Fig.3>

2.3. Support Unit used in test configuration and system

Item	Equipment	Trade Name	Model Name	FCC ID	Data Cable	Power Cord
1.	WLAN AP	D-Link	DIR-855	KA2DIR855A2	N/A	Unshielded, 1.8 m
2.	Bluetooth Earphone	Nokia	BH-106	QTLBH-106	N/A	N/A
3.	Bluetooth Earphone	Lenovo	LBH505	N/A	N/A	N/A
4.	Notebook	Lenovo	G480	N/A	N/A	AC I/P: Unshielded, 0.9 m DC O/P: Shielded, 1.8 m
5.	iPod	Apple	A1199	FCC DoC	Unshielded, 1.2 m	N/A
6.	U Disk	Kingstone	G3	N/A	N/A	N/A

2.4. EUT Operation Test Setup

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 HD and EUT.
2. Media application transferred between EUT and Notebook via HDMI Cable.
3. Play MPEG4 files.
4. Turn on projection function.



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.

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.

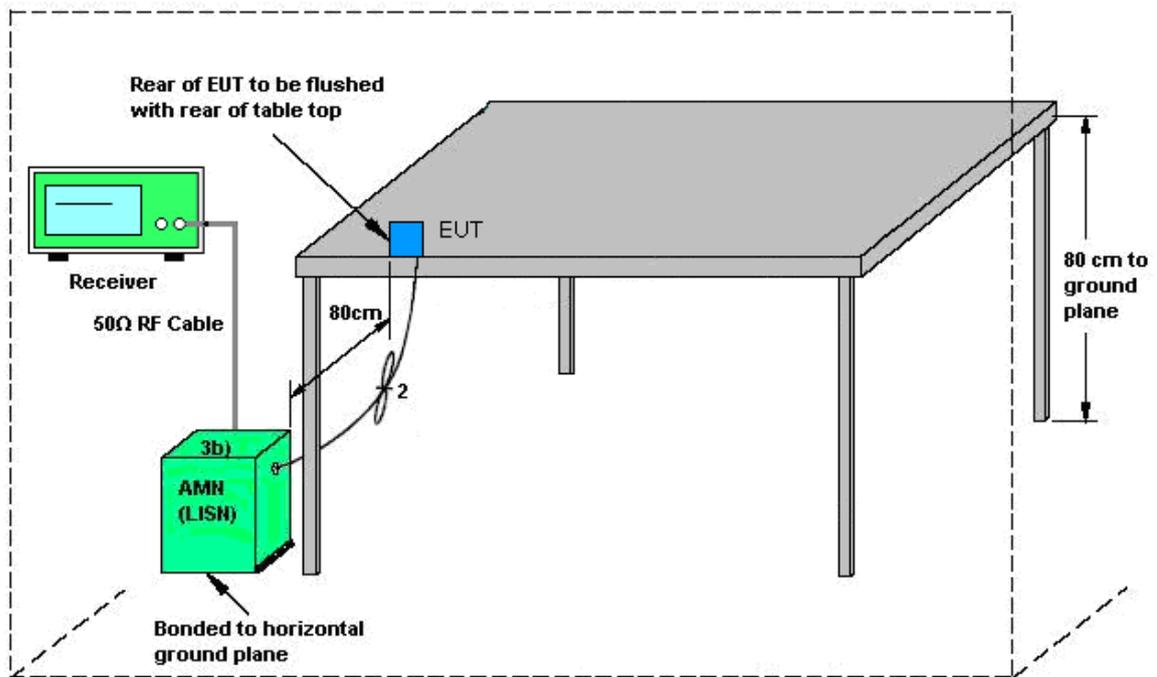
3.1.2 Measuring Instruments

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

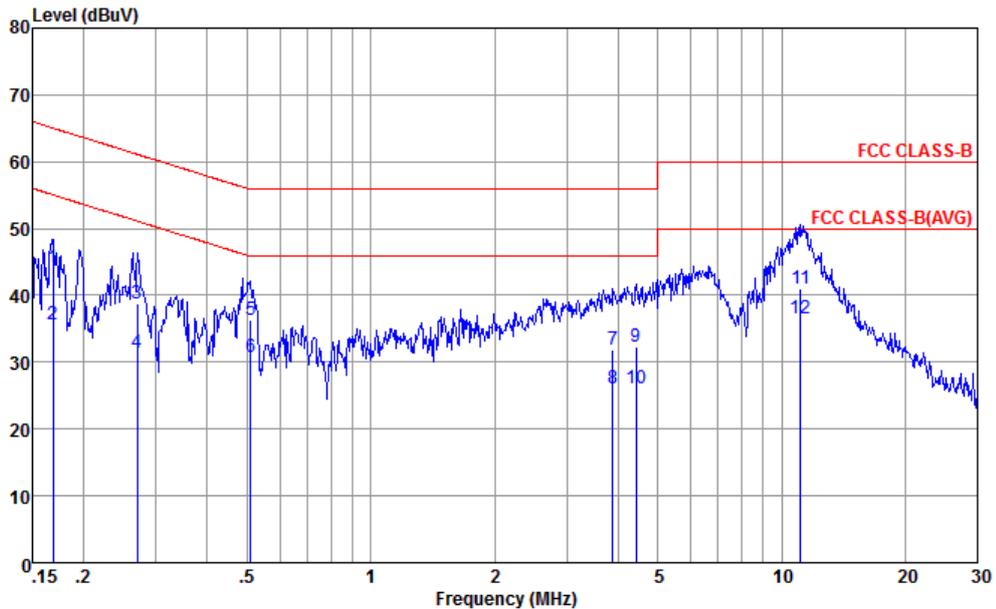


AMN = Artificial mains network (LISN)
AE = Associated equipment
EUT = Equipment under test
ISN = Impedance stabilization network



3.1.5 Test Result of AC Conducted Emission

Test Mode :	Mode 3	Temperature :	22~24°C
Test Engineer :	Eligah Wang	Relative Humidity :	55~60%
Test Voltage :	120Vac / 60Hz	Phase :	Line
Function Type :	Bluetooth Idle + WLAN (5G) Idle + Adapter + HDMI Cable		

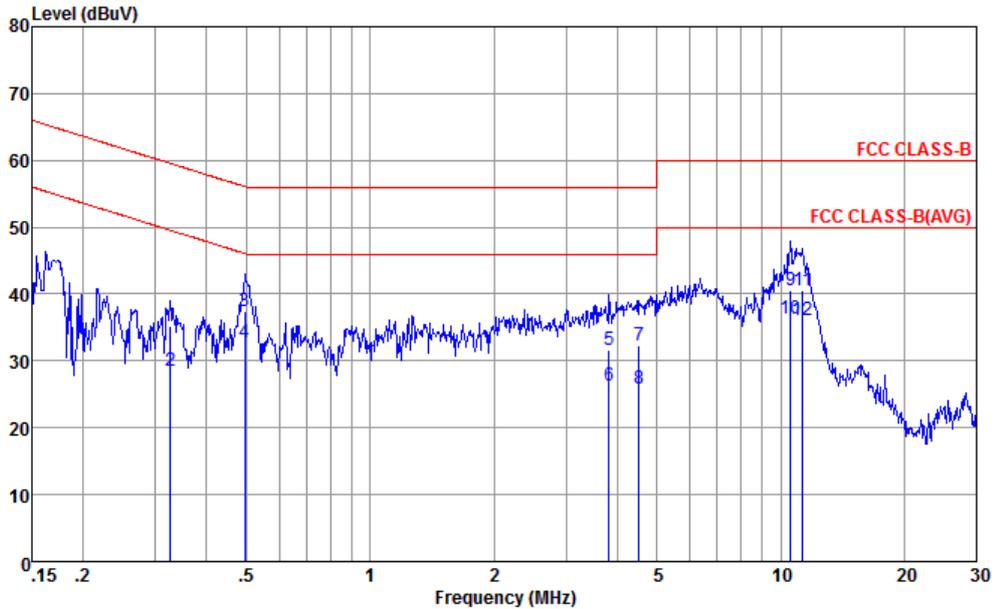


Site : CO01-KS
 Condition : FCC CLASS-B LISN-L20140306 LINE
 Project : (FC) 482702
 mode : Mode 3

	Freq	Level	Over	Limit	Read	LISN	Cable	Remark
	MHz	dBuV	Limit	Line	Level	Factor	Loss	
		dBuV	dB	dBuV	dBuV	dB	dB	
1	0.17	44.15	-20.88	65.03	31.90	1.60	10.65	QP
2	0.17	35.65	-19.38	55.03	23.40	1.60	10.65	Average
3	0.27	38.68	-22.44	61.12	27.41	0.81	10.46	QP
4	0.27	31.38	-19.74	51.12	20.11	0.81	10.46	Average
5	0.51	36.36	-19.64	56.00	25.90	0.20	10.26	QP
6	0.51	30.76	-15.24	46.00	20.30	0.20	10.26	Average
7	3.88	31.82	-24.18	56.00	21.40	0.18	10.24	QP
8	3.88	26.02	-19.98	46.00	15.60	0.18	10.24	Average
9	4.43	32.34	-23.66	56.00	21.90	0.19	10.25	QP
10	4.43	26.04	-19.96	46.00	15.60	0.19	10.25	Average
11	11.14	40.96	-19.04	60.00	30.40	0.20	10.36	QP
12	11.14	36.46	-13.54	50.00	25.90	0.20	10.36	Average



Test Mode :	Mode 3	Temperature :	22~24°C
Test Engineer :	Eligah Wang	Relative Humidity :	55~60%
Test Voltage :	120Vac / 60Hz	Phase :	Neutral
Function Type :	Bluetooth Idle + WLAN (5G) Idle + Adapter + HDMI Cable		

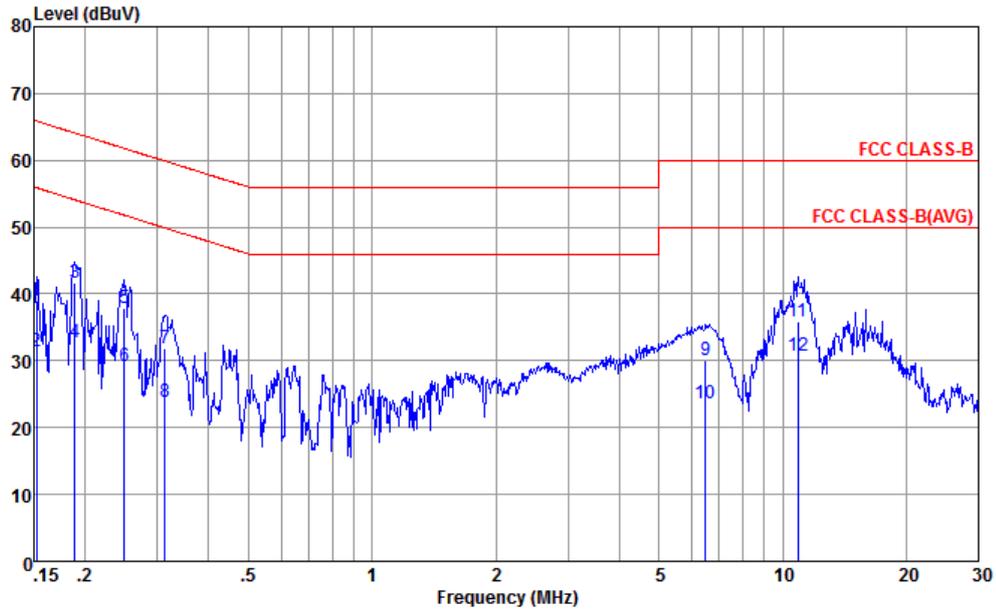


Site : CO01-KS
 Condition : FCC CLASS-B LISN-N20140306 NEUTRAL
 Project : (FC) 482702
 mode : Mode 3

	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.33	35.23	-24.30	59.53	24.29	0.59	10.35	QP
2	0.33	28.53	-21.00	49.53	17.59	0.59	10.35	Average
3	0.49	37.47	-18.63	56.10	26.91	0.30	10.26	QP
4	0.49	32.87	-13.23	46.10	22.31	0.30	10.26	Average
5	3.82	31.72	-24.28	56.00	21.30	0.18	10.24	QP
6	3.82	26.22	-19.78	46.00	15.80	0.18	10.24	Average
7	4.53	32.34	-23.66	56.00	21.90	0.19	10.25	QP
8	4.53	25.84	-20.16	46.00	15.40	0.19	10.25	Average
9	10.56	40.67	-19.33	60.00	30.10	0.21	10.36	QP
10	10.56	36.37	-13.63	50.00	25.80	0.21	10.36	Average
11	11.32	40.58	-19.42	60.00	30.01	0.22	10.35	QP
12	11.32	36.18	-13.82	50.00	25.61	0.22	10.35	Average



Test Mode :	Mode 4	Temperature :	22~24°C
Test Engineer :	Eligah Wang	Relative Humidity :	55~60%
Test Voltage :	120Vac / 60Hz	Phase :	Line
Function Type :	Bluetooth Idle + WLAN (2.4G) Idle + Adapter + USB Link (Data Link with HD)		

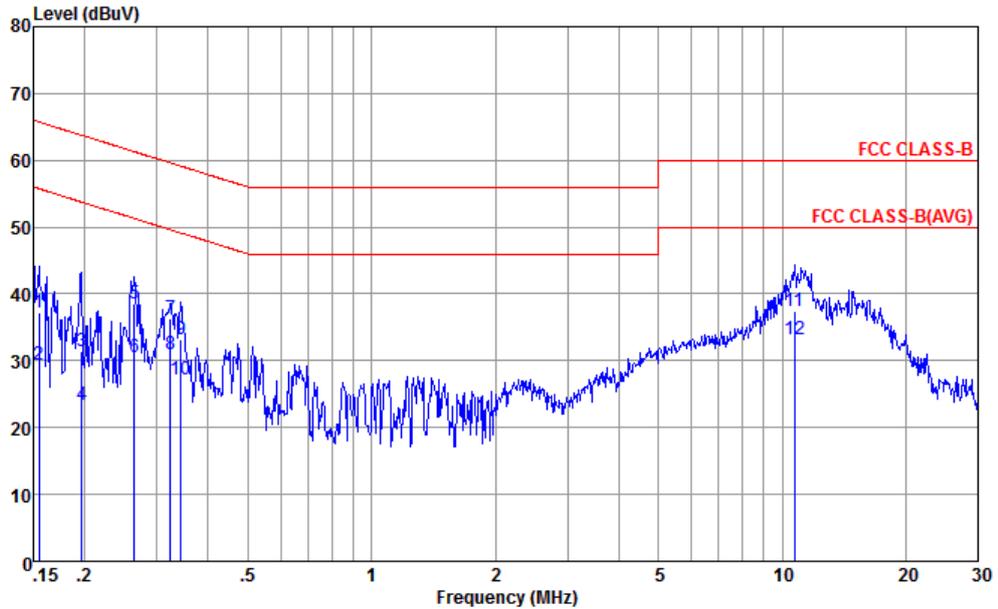


Site : CO01-KS
 Condition : FCC CLASS-B LISN-L20140306 LINE
 Project : (FC) 482702
 mode : Mode 4

	Freq	Level	Over	Limit	Read	LISN	Cable	Remark
	MHz	dBuV	Limit	Line	Level	Factor	Loss	
			dB	dBuV	dBuV	dB	dB	
1	0.15	38.92	-26.95	65.87	26.31	1.91	10.70	QP
2	0.15	31.52	-24.35	55.87	18.91	1.91	10.70	Average
3	0.19	41.65	-22.46	64.11	29.90	1.15	10.60	QP
4	0.19	32.85	-21.26	54.11	21.10	1.15	10.60	Average
5	0.25	37.98	-23.80	61.78	26.60	0.88	10.50	QP
6	0.25	29.18	-22.60	51.78	17.80	0.88	10.50	Average
7	0.31	31.88	-28.00	59.88	20.91	0.61	10.36	QP
8	0.31	23.88	-26.00	49.88	12.91	0.61	10.36	Average
9	6.49	30.11	-29.89	60.00	19.60	0.20	10.31	QP
10	6.49	23.71	-26.29	50.00	13.20	0.20	10.31	Average
11	10.90	35.86	-24.14	60.00	25.30	0.20	10.36	QP
12	10.90	30.86	-19.14	50.00	20.30	0.20	10.36	Average



Test Mode :	Mode 4	Temperature :	22~24°C
Test Engineer :	Eligah Wang	Relative Humidity :	55~60%
Test Voltage :	120Vac / 60Hz	Phase :	Neutral
Function Type :	Bluetooth Idle + WLAN (2.4G) Idle + Adapter + USB Link (Data Link with HD)		



Site : CO01-KS
 Condition : FCC CLASS-B LISN-N20140306 NEUTRAL
 Project : (FC) 482702
 mode : Mode 4

	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.15	37.32	-28.42	65.74	24.80	1.83	10.69	QP
2	0.15	29.42	-26.32	55.74	16.90	1.83	10.69	Average
3	0.20	31.32	-32.44	63.76	19.70	1.03	10.59	QP
4	0.20	23.42	-30.34	53.76	11.80	1.03	10.59	Average
5	0.26	38.63	-22.66	61.29	27.31	0.85	10.47	QP
6	0.26	30.43	-20.86	51.29	19.11	0.85	10.47	Average
7	0.32	36.25	-23.37	59.62	25.30	0.60	10.35	QP
8	0.32	31.05	-18.57	49.62	20.10	0.60	10.35	Average
9	0.34	33.15	-25.98	59.13	22.29	0.53	10.33	QP
10	0.34	27.25	-21.88	49.13	16.39	0.53	10.33	Average
11	10.73	37.37	-22.63	60.00	26.80	0.21	10.36	QP
12	10.73	33.27	-16.73	50.00	22.70	0.21	10.36	Average



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:

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

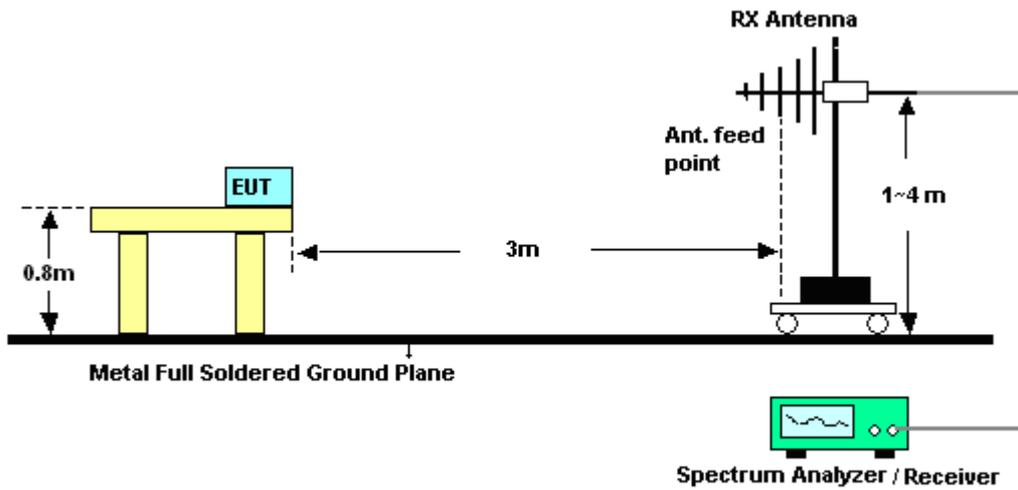
The measuring equipment is listed in the section 4 of this test report.

3.2.3. Test Procedures

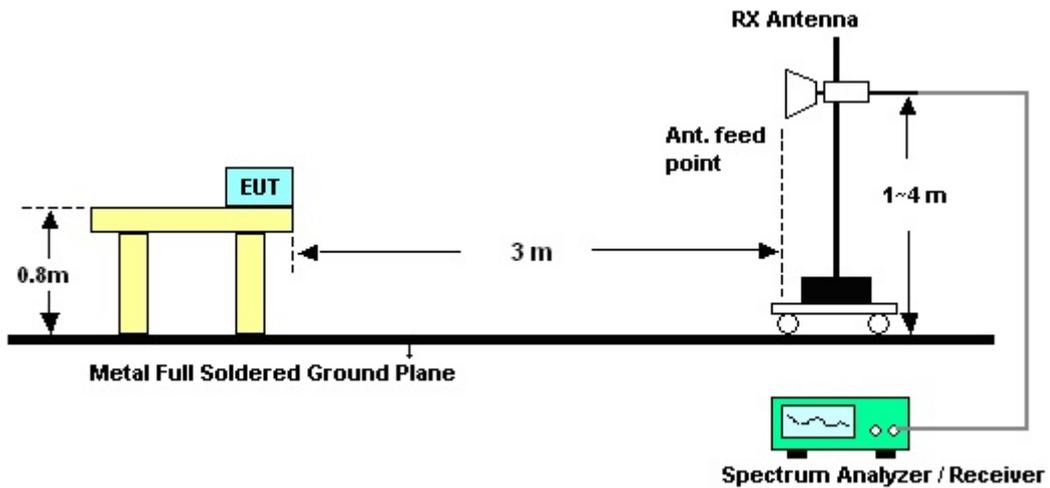
1. The EUT was placed on a turntable with 0.8 meter above ground.
2. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.
3. The table was rotated 360 degrees to determine the position of the highest radiation.
4. The antenna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



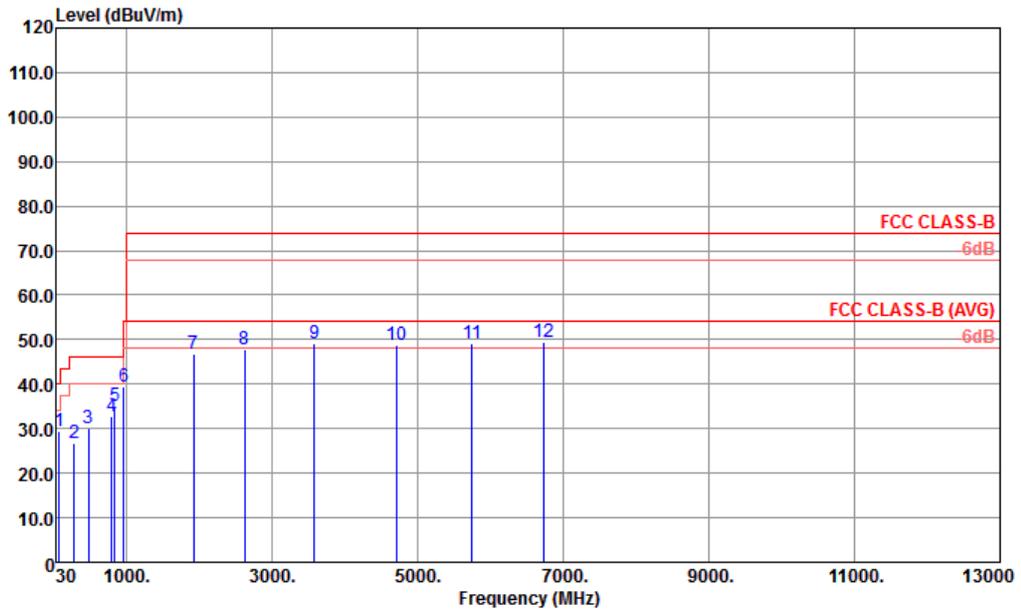
For radiated emissions above 1GHz





3.2.5. Test Result of Radiated Emission

Test Mode :	Mode 4	Temperature :	22~23°C
Test Engineer :	Nick Su	Relative Humidity :	40~41%
Test Distance :	3m	Polarization :	Horizontal
Function Type :	Bluetooth Idle + WLAN (2.4G) Idle + Adapter + USB Link (Data Link with HD)		

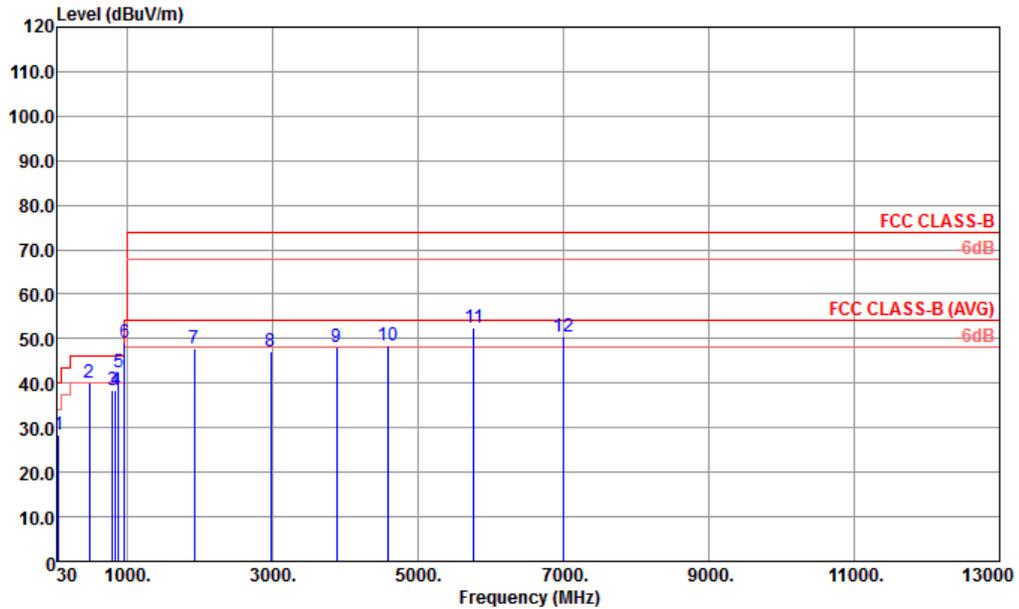


Site : 03CH01-KS
 Condition : FCC CLASS-B 3m LF_ANT_23182, ANTENN HORIZONTAL
 Project : (FC)482702
 Mode : 4

Peak	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	79.47	29.53	-10.47	40.00	55.11	6.47	0.60	32.65	100	99	Peak
2	280.26	26.64	-19.36	46.00	45.61	12.66	0.82	32.45	---	---	Peak
3	480.08	30.23	-15.77	46.00	44.31	16.87	1.22	32.17	---	---	Peak
4	800.18	32.73	-13.27	46.00	43.22	19.85	1.54	31.88	---	---	Peak
5	840.92	34.93	-11.07	46.00	44.79	20.42	1.58	31.86	---	---	Peak
6	960.23	39.48	-14.52	54.00	48.68	20.79	1.72	31.71	---	---	Peak
7	1920.00	46.80	-27.20	74.00	51.40	32.17	2.30	39.07	---	---	Peak
8	2624.00	47.71	-26.29	74.00	46.96	33.29	2.72	35.26	---	---	Peak
9	3584.00	48.99	-25.01	74.00	44.71	34.51	3.16	33.39	---	---	Peak
10	4712.00	48.96	-25.04	74.00	46.11	35.15	3.75	36.05	---	---	Peak
11	5744.00	49.11	-24.89	74.00	48.09	35.52	4.18	38.68	---	---	Peak
12	6726.00	49.48	-24.52	74.00	48.14	35.99	4.51	39.16	---	---	Peak



Test Mode :	Mode 4	Temperature :	22~23°C
Test Engineer :	Nick Su	Relative Humidity :	40~41%
Test Distance :	3m	Polarization :	Vertical
Function Type :	Bluetooth Idle + WLAN (2.4G) Idle + Adapter + USB Link (Data Link with HD)		



Site : 03CH01-KS
 Condition : FCC CLASS-B 3m LF_ANT_23182, ANTENN VERTICAL
 Project : (FC)482702
 Mode : 4

	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	cm	deg	
1	54.25	28.48	-11.52	40.00	54.28	6.49	0.31	32.60	---	Peak
2 !	480.08	40.15	-5.85	46.00	54.23	16.87	1.22	32.17	---	Peak
3	800.18	38.35	-7.65	46.00	48.84	19.85	1.54	31.88	---	Peak
4	840.92	38.60	-7.40	46.00	48.46	20.42	1.58	31.86	---	Peak
5 !	880.69	42.33	-3.67	46.00	51.96	20.47	1.70	31.80	167	35 Peak
6 !	960.23	49.12	-4.88	54.00	58.32	20.79	1.72	31.71	---	Peak
7	1920.00	47.72	-26.28	74.00	52.32	32.17	2.30	39.07	---	Peak
8	2974.00	47.16	-26.84	74.00	45.09	33.67	2.93	34.53	---	Peak
9	3880.00	48.16	-25.84	74.00	43.30	34.89	3.37	33.40	---	Peak
10	4584.00	48.60	-25.40	74.00	45.21	35.12	3.68	35.41	---	Peak
11	5764.00	52.44	-21.56	74.00	51.42	35.53	4.21	38.72	---	Peak
12	6992.00	50.49	-23.51	74.00	48.46	36.09	4.64	38.70	---	Peak



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;	May 04, 2014	Sep. 04, 2014	May 03, 2015	Conduction (CO01-KS)
AC LISN	MessTec	AN3016	060103	9kHz~30MHz	Dec. 10, 2013	Sep. 04, 2014	Dec. 09, 2014	Conduction (CO01-KS)
AC LISN (for auxiliary equipment)	MessTec	AN3016	060105	9kHz~30MHz	Dec. 10, 2013	Sep. 04, 2014	Dec. 09, 2014	Conduction (CO01-KS)
AC Power Source	Chroma	61602	ABP0000008 11	AC 0V~300V, 45Hz~1000Hz	Nov. 12, 2013	Sep. 04, 2014	Nov. 11, 2014	Conduction (CO01-KS)
EMI Test Receiver	R&S	ESCI	100534	9kHz~3GHz	Nov. 05, 2013	Sep. 23, 2014	Nov. 04, 2014	Radiation (03CH01-KS)
Spectrum Analyzer	R&S	FSP30	101399	9kHz~30GHz	May 04, 2014	Sep. 23, 2014	May 03, 2015	Radiation (03CH01-KS)
Bilog Antenna	SCHAFFNER	CBL6112D	23182	25MHz~2GHz	Jan. 08, 2014	Sep. 23, 2014	Jan. 07, 2015	Radiation (03CH01-KS)
Double Ridge Horn Antenna	ETS-Lindgren	3117	75959	1GHz~18GHz	Jan. 08, 2014	Sep. 23, 2014	Jan. 07, 2015	Radiation (03CH01-KS)
SHF-EHF Horn	Schwarzbeck	BBHA 9170	BBHA170249	15GHz~40GHz	Mar. 10, 2014	Sep. 23, 2014	Mar. 09, 2015	Radiation (03CH01-KS)
Amplifier	com-power	PA-103A	161073	1MHz~1GHz	May 04, 2014	Sep. 23, 2014	May 03, 2015	Radiation (03CH01-KS)
Amplifier	Agilent	8449B	3008A02371	1GHz~26.5GHz	Dec. 10, 2013	Sep. 23, 2014	Dec. 09, 2014	Radiation (03CH01-KS)
AC Power Source	Chroma	61601	F104090004	N/A	NCR	Sep. 23, 2014	NCR	Radiation (03CH01-KS)
Turn Table	MF	MF7802	N/A	0~360 degree	NCR	Sep. 23, 2014	NCR	Radiation (03CH01-KS)
Antenna Mast	MF	MF7802	N/A	1 m~4 m	NCR	Sep. 23, 2014	NCR	Radiation (03CH01-KS)



5. Uncertainty of Evaluation

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	2.3
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Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	2.5
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