



FCC Test Report

APPLICANT : HMD Global Oy
EQUIPMENT : GSM/WCDMA/LTE Mobile Phone
BRAND NAME : Nokia
MODEL NAME : TA-1084
FCC ID : 2AJOTTA-1084
STANDARD : FCC CFR Title 47 Part 15 Subpart B
CLASSIFICATION : Certification

The product was received on Mar. 21, 2018 and testing was completed on May 15, 2018. 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.



Approved by: James Huang / Manager

Sporton International (Kunshan) Inc.
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China



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REVISION HISTORY

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FC832104	Rev. 01	Initial issue of report	Jun. 12, 2018



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 10.59 dB at 3.328 MHz
3.2	15.109	Radiated Emission	< 15.109 limits	PASS	Under limit 3.25 dB at 949.56 MHz



1. General Description

1.1. Applicant

HMD Global Oy
Karaportti 2 02610 Espoo FINLAND

1.2. Manufacturer

HMD Global Oy
Karaportti 2 02610 Espoo FINLAND

1.3. Product Feature of Equipment Under Test

Product Feature	
Equipment	GSM/WCDMA/LTE Mobile Phone
Brand Name	Nokia
Model Name	TA-1084
FCC ID	2AJOTTA-1084
EUT supports Radios application	GSM/GPRS/EGPRS/WCDMA/HSPA/LTE WLAN 2.4GHz 802.11b/g/n HT20/HT40 Bluetooth v3.0 + EDR/Bluetooth v4.0 LE/ Bluetooth v4.1 LE/Bluetooth v4.2 LE
IMEI Code	Conduction: 356940090001840/356940090001857 Radiation: 356940090000560/356940090000578
HW Version	HW0303
SW Version	000C_0_146
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	GSM850: 824.2 MHz ~ 848.8 MHz GSM1900: 1850.2 MHz ~ 1909.8MHz WCDMA Band V: 826.4 MHz ~ 846.6 MHz WCDMA Band IV : 1712.4 MHz ~ 1752.6 MHz WCDMA Band II: 1852.4 MHz ~ 1907.6 MHz LTE Band 2 : 1850.7 MHz ~ 1909.3 MHz LTE Band 4 : 1710.7 MHz ~ 1754.3 MHz LTE Band 5 : 824.7 MHz ~ 848.3 MHz LTE Band 7 : 2502.5 MHz ~ 2567.5 MHz LTE Band 12 : 699.7 MHz ~ 715.3 MHz LTE Band 13 : 779.5 MHz ~ 784.5 MHz LTE Band 17 : 706.5 MHz ~ 713.5 MHz LTE Band 38 : 2572.5MHz ~ 2617.5MHz LTE Band 66 : 1710.7 MHz ~ 1779.3 MHz 802.11b/g/n: 2412 MHz ~ 2462 MHz Bluetooth: 2402 MHz ~ 2480 MHz
Rx Frequency	GSM850: 869.2 MHz ~ 893.8 MHz GSM1900: 1930.2 MHz ~ 1989.8 MHz WCDMA Band V: 871.4 MHz ~ 891.6 MHz WCDMA Band IV : 2112.4 MHz ~ 2152.6 MHz WCDMA Band II: 1932.4 MHz ~ 1987.6 MHz LTE Band 2 : 1930.7 MHz ~ 1989.3 MHz LTE Band 4 : 2110.7 MHz ~ 2154.3 MHz LTE Band 5 : 869.7 MHz ~ 893.3 MHz LTE Band 7 : 2622.5MHz ~ 2687.5 MHz LTE Band 12 : 729.7 MHz ~ 745.3 MHz LTE Band 13 : 748.5 MHz ~ 753.5 MHz LTE Band 17 : 736.5 MHz ~ 743.5 MHz LTE Band 38 : 2572.5MHz ~ 2617.5MHz LTE Band 66 : 2110.7 MHz~ 2199.3 MHz 802.11b/g/n: 2412 MHz ~ 2462 MHz Bluetooth: 2402 MHz ~ 2480 MHz GNSS : 1559 MHz ~ 1610 MHz FM: 87.5 MHz ~ 108 MHz
Antenna Type	WWAN : PIFA Antenna WLAN : PIFA Antenna Bluetooth : PIFA Antenna GNSS: PIFA Antenna FM: External Handset Antenna
Type of Modulation	GSM: GMSK GPRS: GMSK EDGE(MCS 0-4): GMSK / (MCS 5-9): 8PSK WCDMA : BPSK (Uplink) HSDPA : QPSK (Uplink) HSUPA : QPSK (Uplink) LTE: QPSK / 16QAM 802.11b : DSSS (DBPSK / DQPSK / CCK) 802.11g/n : OFDM (BPSK / QPSK / 16QAM / 64QAM) Bluetooth LE : GFSK Bluetooth (1Mbps) : GFSK



	Bluetooth (2Mbps) : $\pi/4$ -DQPSK Bluetooth (3Mbps) : 8-DPSK GNSS : BPSK FM
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Note: GNSS = GPS + Glonass

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 17025 by National Voluntary Laboratory Accreditation Program (NVLAP code: 600155-0) and the FCC designation No. is CN5013.

Test Site	Sporton International (Kunshan) Inc.		
Test Site Location	No.3-2 Ping-Xiang Rd, Kunshan Development Zone Kunshan City Jiangsu Province 215335 China TEL : +86-512-57900158 FAX : +86-512-57900958		
Test Site No.	Sporton Site No.		FCC Test Firm Registration No.
	CO01-KS	03CH02-KS	630927

Note: The test site complies with ANSI C63.4 2014 requirement.

1.7. Applicable Standards

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

- FCC CFR Title 47 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

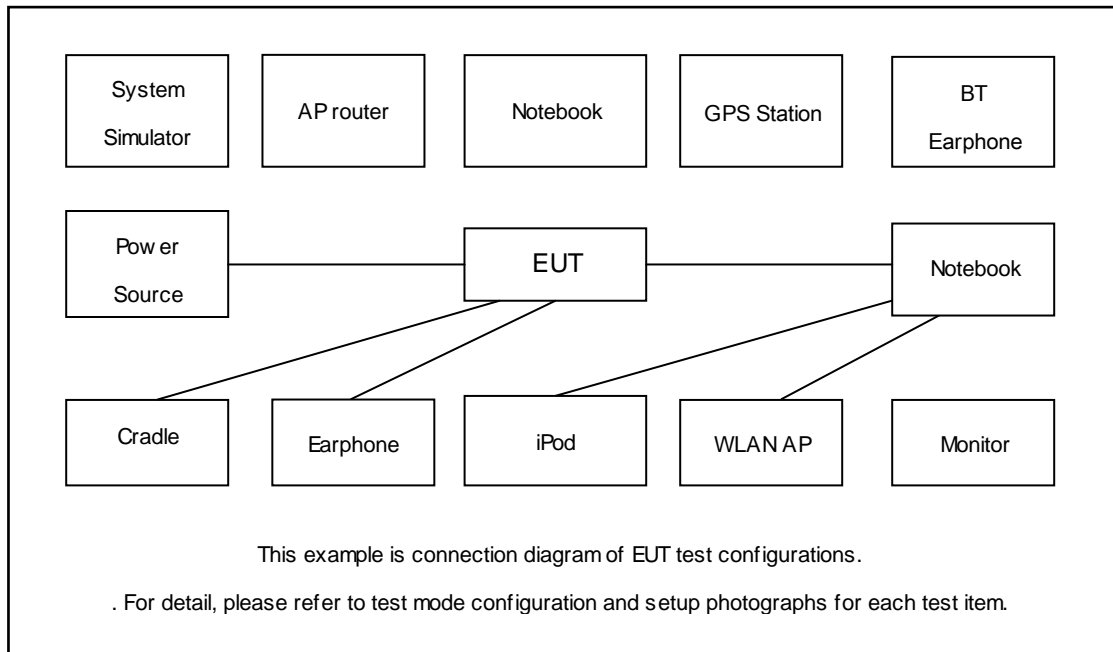
2.1. Test Mode

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 : GSM850 Idle + Bluetooth Idle + WLAN (2.4G) Idle + Earphone + USB Cable (Charging from Adapter) + Camera (Rear) Mode 2 : GSM1900 Idle + Bluetooth Idle + WLAN (2.4G) Idle + Earphone + USB Cable (Charging from Adapter) + Camera (Front) Mode 3 : WCDMA Band V Idle + Bluetooth Idle + WLAN (2.4G) Idle + Earphone + USB Cable (Charging from Adapter) + MPEG4 Mode 4 : LTE Band 4 Idle + Bluetooth Idle + WLAN (2.4G) Idle + Earphone + USB Cable (Charging from Adapter) + FM Rx Mode 5 : LTE Band 4 Idle + Bluetooth Idle + WLAN (2.4G) Idle + Earphone + USB Cable (Data Link with Notebook) + GNSS Rx
Radiated Emissions	Mode 1 : GSM850 Idle + Bluetooth Idle + WLAN (2.4G) Idle + Earphone + USB Cable (Charging from Adapter) + Camera (Rear) Mode 2 : GSM1900 Idle + Bluetooth Idle + WLAN (2.4G) Idle + Earphone + USB Cable (Charging from Adapter) + Camera (Front) Mode 3 : WCDMA Band V Idle + Bluetooth Idle + WLAN (2.4G) Idle + Earphone + USB Cable (Charging from Adapter) + MPEG4 Mode 4 : LTE Band 4 Idle + Bluetooth Idle + WLAN (2.4G) Idle + Earphone + USB Cable (Charging from Adapter) + FM Rx Mode 5 : LTE Band 4 Idle + Bluetooth Idle + WLAN (2.4G) Idle + Earphone + USB Cable (Data Link with Notebook) + GNSS Rx
Remark: <ol style="list-style-type: none"> The worst case of AC is mode 1; only the test data of this mode is reported. The worst case of RE is mode 5; only the test data of this mode is reported. Data Link with Notebook means data application transferred mode between EUT and Notebook. 	

2.2. Connection Diagram of Test System



2.3. Support Unit used in test configuration and system

Item	Equipment	Trade Name	Model Name	FCC ID	Data Cable	Power Cord
1.	System Simulator	R&S	CMU 200	N/A	N/A	Unshielded, 1.8 m
2.	System Simulator	Anritsu	MT8820C	N/A	N/A	Unshielded, 1.8m
3.	GNSS Station	ADIVIE	MP9000	N/A	N/A	Unshielded, 1.8m
4.	FM Station	R&S	SMBV100A	258305	N/A	Unshielded, 1.8 m
5.	WLAN AP	D-Link	DIR-855	KA2DIR855A2	N/A	Unshielded, 1.8 m
6.	WLAN AP	TP-Link	TL-WDR5600	N/A	N/A	Unshielded, 1.8 m
7.	Bluetooth Earphone	Lenovo	LBH308	N/A	N/A	N/A
8.	Notebook	Dell	Latitude3440	N/A	N/A	AC I/P: Unshielded, 1.8 m DC O/P: Shielded, 1.8 m
9.	Notebook	Lenovo	G480	PRC4	N/A	AC I/P: Unshielded, 1.8 m DC O/P: Shielded, 1.8 m
10.	iPod	Apple	A1199	FCC DoC	Shielded, 1.2 m	N/A
11.	SD Card	Kingston	8GB	N/A	N/A	N/A
12.	SD Card	SanDisk	Uitra	N/A	N/A	N/A



2.4. EUT Operation Test Setup

The EUT was in GSM or WCDMA or 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 GNSS function to make the EUT receive continuous signals from GNSS station.
3. Turn on FM function to make the EUT receive continuous signals from FM Generator.
4. Execute "Video Player" to play MPEG4 files.
5. 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.

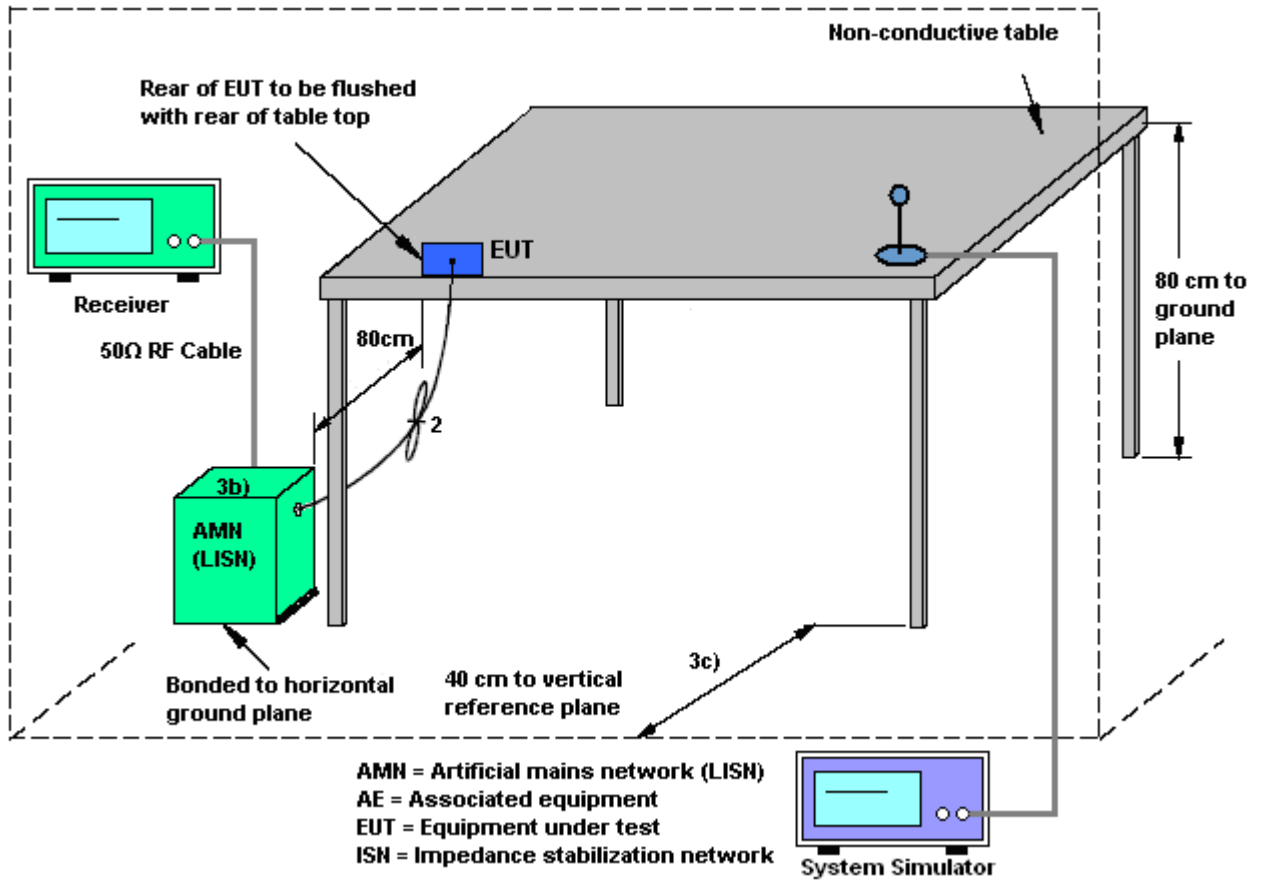
3.1.2 Measuring Instruments

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.

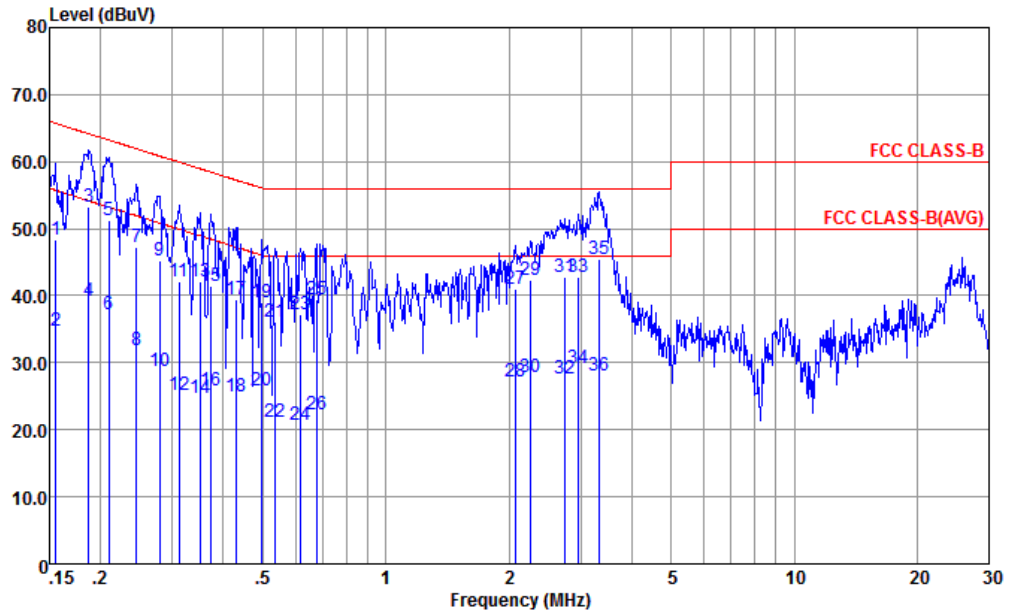
3.1.4 Test Setup





3.1.5 Test Result of AC Conducted Emission

Test Engineer :	Aoms Zhang	Temperature :	26.2~26.7°C
		Relative Humidity :	41~49%
Test Voltage :	120Vac / 60Hz	Phase :	Line

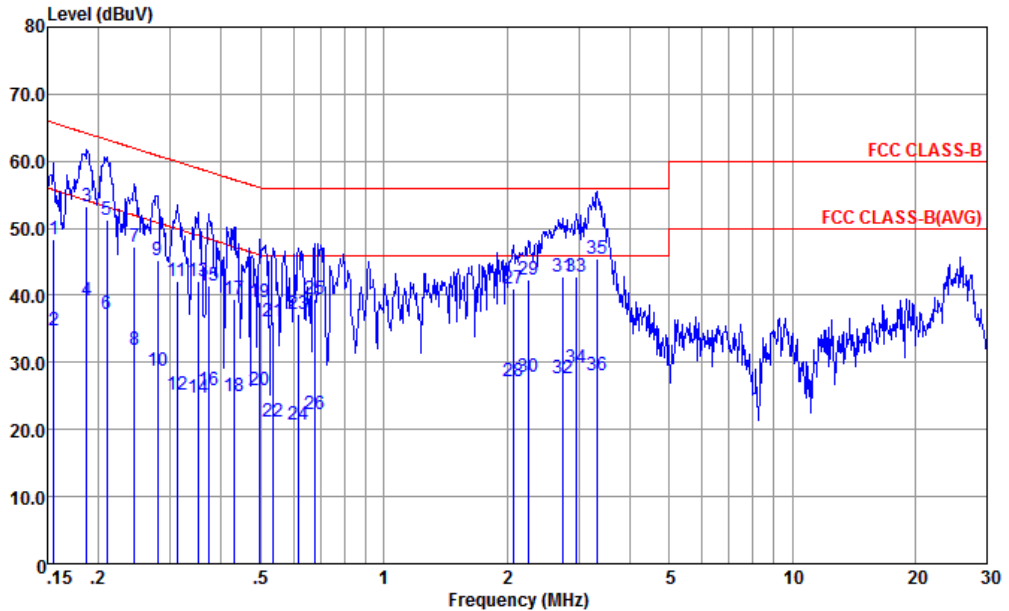


Site : CO01-KS
 Condition : FCC CLASS-B LISN-L-171013-060103 LINE
 Project : (FC) 832104
 mode : Mode 1
 : 356940090001840/356940090001857 #14

	Freq	Level	Over Limit	Limit	Read	LISN	Cable	
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	Remark
1	0.156	48.26	-17.43	65.69	37.50	0.16	10.60	QP
2	0.156	34.66	-21.03	55.69	23.90	0.16	10.60	Average
3	0.187	53.28	-10.87	64.15	42.60	0.19	10.49	QP
4	0.187	39.28	-14.87	54.15	28.60	0.19	10.49	Average
5	0.209	51.26	-11.97	63.23	40.61	0.20	10.45	QP
6	0.209	37.26	-15.97	53.23	26.61	0.20	10.45	Average
7	0.246	47.25	-14.66	61.91	36.60	0.21	10.44	QP
8	0.246	31.95	-19.96	51.91	21.30	0.21	10.44	Average
9	0.279	45.15	-15.70	60.85	34.50	0.22	10.43	QP
10	0.279	28.85	-22.00	50.85	18.20	0.22	10.43	Average
11	0.312	42.15	-17.78	59.93	31.50	0.23	10.42	QP
12	0.312	25.15	-24.78	49.93	14.50	0.23	10.42	Average
13	0.352	42.15	-16.76	58.91	31.49	0.24	10.42	QP
14	0.352	24.75	-24.16	48.91	14.09	0.24	10.42	Average
15	0.373	41.45	-16.98	58.43	30.80	0.24	10.41	QP
16	0.373	25.85	-22.58	48.43	15.20	0.24	10.41	Average
17	0.431	39.52	-17.72	57.24	28.90	0.25	10.37	QP



Test Engineer :	Aoms Zhang	Temperature :	26.2~26.7°C
		Relative Humidity :	41~49%
Test Voltage :	120Vac / 60Hz	Phase :	Line

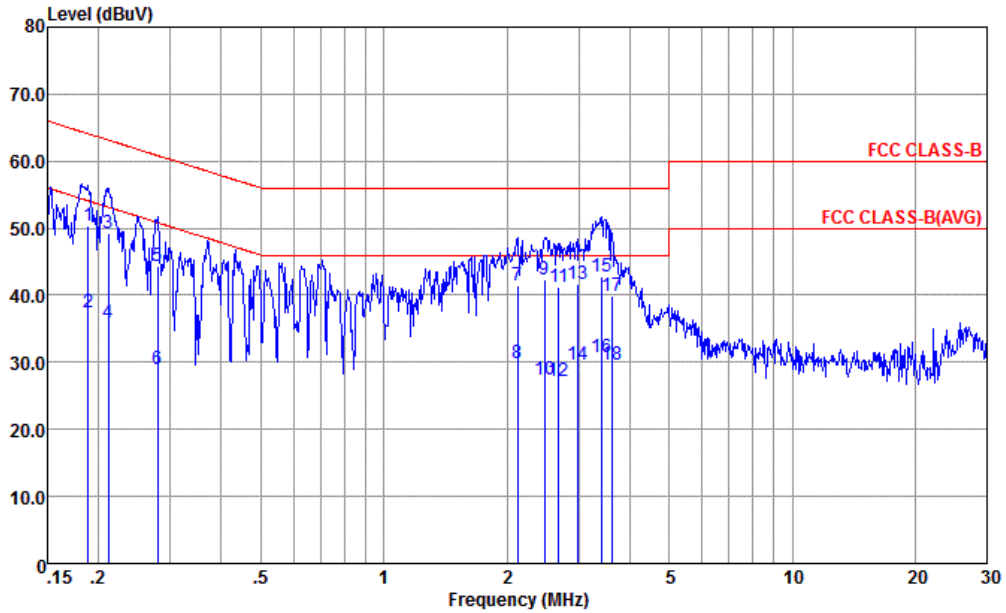


Site : CO01-KS
 Condition : FCC CLASS-B LISN-L-171013-060103 LINE
 Project : (FC) 832104
 mode : Mode 1
 : 356940090001840/356940090001857 #14

	Freq	Level	Over	Limit	Read	LISN	Cable	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
18	0.431	24.92	-22.32	47.24	14.30	0.25	10.37	Average
19	0.497	39.07	-16.98	56.05	28.50	0.26	10.31	QP
20	0.497	25.77	-20.28	46.05	15.20	0.26	10.31	Average
21	0.535	36.14	-19.86	56.00	25.60	0.26	10.28	QP
22	0.535	21.14	-24.86	46.00	10.60	0.26	10.28	Average
23	0.617	37.28	-18.72	56.00	26.80	0.26	10.22	QP
24	0.617	20.78	-25.22	46.00	10.30	0.26	10.22	Average
25	0.675	39.34	-16.66	56.00	28.90	0.26	10.18	QP
26	0.675	22.34	-23.66	46.00	11.90	0.26	10.18	Average
27	2.077	41.00	-15.00	56.00	30.51	0.28	10.21	QP
28	2.077	27.10	-18.90	46.00	16.61	0.28	10.21	Average
29	2.261	42.30	-13.70	56.00	31.80	0.29	10.21	QP
30	2.261	27.80	-18.20	46.00	17.30	0.29	10.21	Average
31	2.736	42.80	-13.20	56.00	32.30	0.31	10.19	QP
32	2.736	27.70	-18.30	46.00	17.20	0.31	10.19	Average
33	2.962	42.71	-13.29	56.00	32.20	0.32	10.19	QP
34	2.962	29.11	-16.89	46.00	18.60	0.32	10.19	Average
35 *	3.328	45.41	-10.59	56.00	34.90	0.33	10.18	QP
36	3.328	28.11	-17.89	46.00	17.60	0.33	10.18	Average



Test Engineer :	Aoms Zhang	Temperature :	26.2~26.7°C
		Relative Humidity :	41~49%
Test Voltage :	120Vac / 60Hz	Phase :	Neutral



Site : CO01-KS
 Condition : FCC CLASS-B LISN-N-171013-060103 NEUTRAL
 Project : (FC) 832104
 mode : Mode 1
 : 356940090001840/356940090001857 #14

	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.188	50.37	-13.74	64.11	39.60	0.28	10.49	QP
2	0.188	37.37	-16.74	54.11	26.60	0.28	10.49	Average
3	0.212	49.33	-13.81	63.14	38.60	0.28	10.45	QP
4	0.212	35.93	-17.21	53.14	25.20	0.28	10.45	Average
5	0.279	44.32	-16.53	60.85	33.61	0.28	10.43	QP
6	0.279	28.92	-21.93	50.85	18.21	0.28	10.43	Average
7	2.121	41.43	-14.57	56.00	30.90	0.32	10.21	QP
8	2.121	29.83	-16.17	46.00	19.30	0.32	10.21	Average
9	2.474	42.42	-13.58	56.00	31.90	0.32	10.20	QP
10	2.474	27.42	-18.58	46.00	16.90	0.32	10.20	Average
11	2.678	41.12	-14.88	56.00	30.60	0.33	10.19	QP
12	2.678	27.12	-18.88	46.00	16.60	0.33	10.19	Average
13	2.978	41.71	-14.29	56.00	31.19	0.33	10.19	QP
14	2.978	29.71	-16.29	46.00	19.19	0.33	10.19	Average
15 *	3.417	42.71	-13.29	56.00	32.20	0.33	10.18	QP
16	3.417	30.81	-15.19	46.00	20.30	0.33	10.18	Average
17	3.623	39.81	-16.19	56.00	29.31	0.33	10.17	QP
18	3.623	29.71	-16.29	46.00	19.21	0.33	10.17	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:

<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

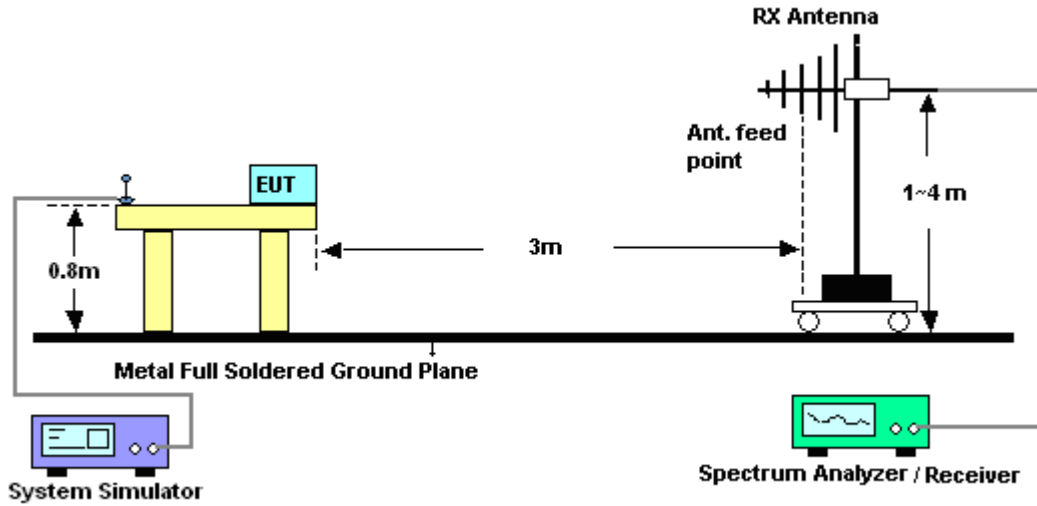
The measuring equipment is listed in the section 4 of this test report.

3.2.3. Test Procedures

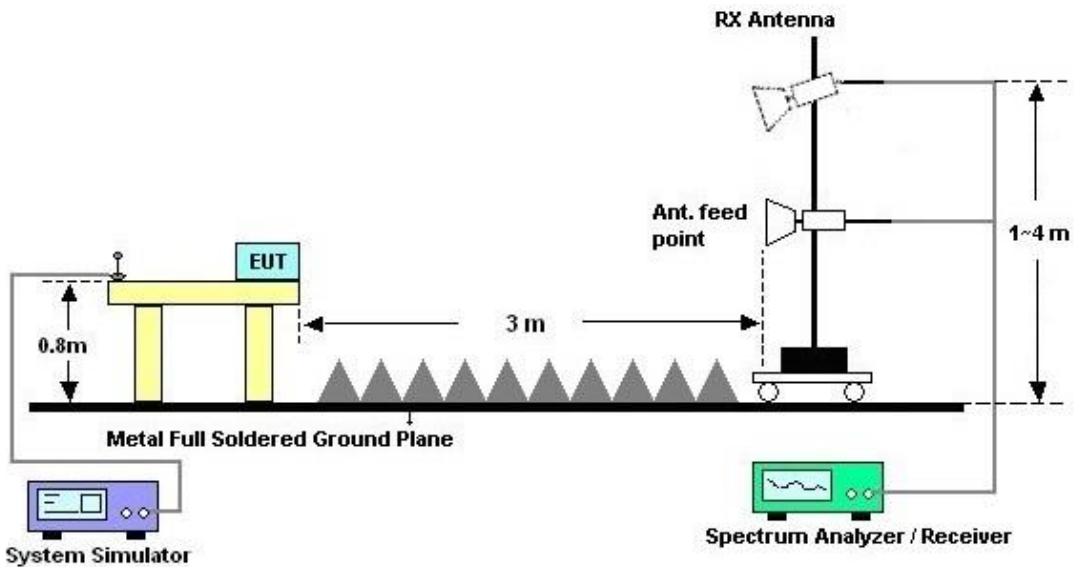
1. The EUT was placed on a turntable with 0.8 meter above ground.
2. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.
3. The table was rotated 360 degrees to determine the position of the highest radiation.
4. The antenna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

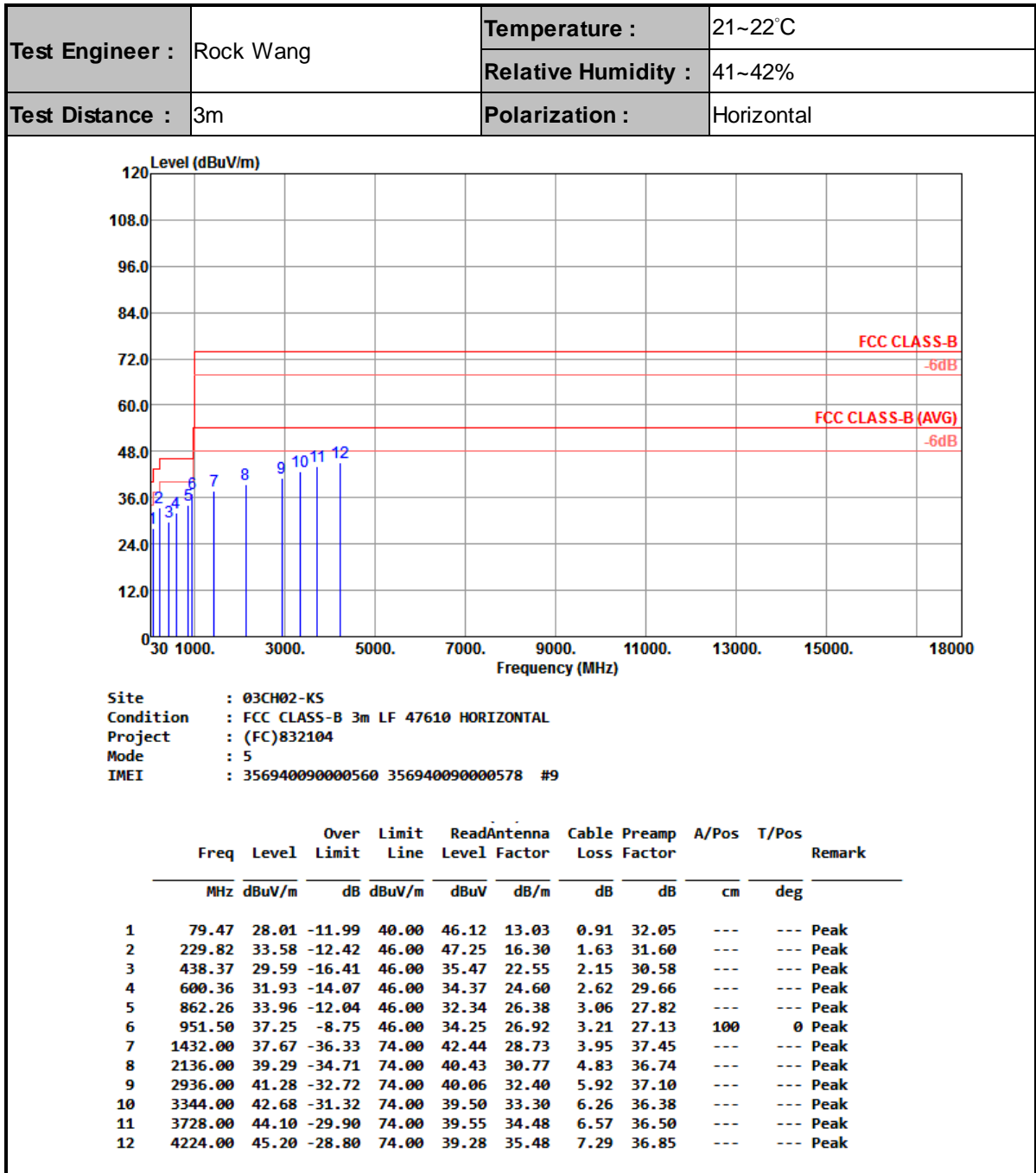


For radiated emissions above 1GHz



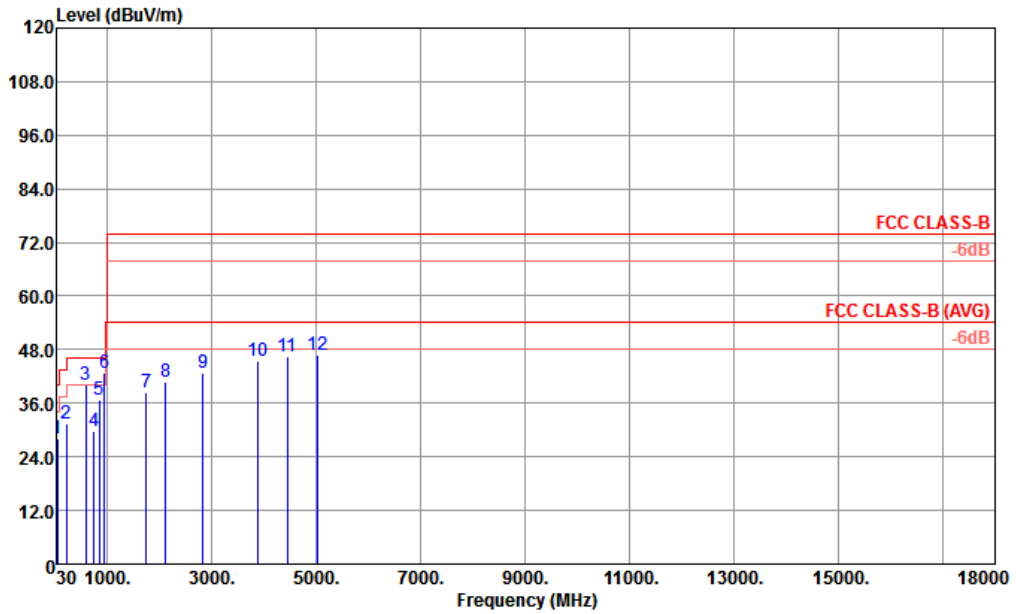


3.2.5. Test Result of Radiated Emission





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



Site : 03CH02-KS
 Condition : FCC CLASS-B 3m LF 47610 VERTICAL
 Project : (FC)832104
 Mode : 5
 IMEI : 356940090000560 356940090000578 #9

	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	52.31	28.17	-11.83	40.00	45.69	13.84	0.74	32.10	---	---	Peak
2	229.82	31.26	-14.74	46.00	44.93	16.30	1.63	31.60	---	---	Peak
3 !	600.36	40.17	-5.83	46.00	42.61	24.60	2.62	29.66	---	---	Peak
4	749.74	29.60	-16.40	46.00	29.74	25.70	2.82	28.66	---	---	Peak
5	849.65	36.74	-9.26	46.00	35.31	26.30	3.05	27.92	---	---	Peak
6 !	949.56	42.75	-3.25	46.00	39.79	26.90	3.20	27.14	100	0	Peak
7	1752.00	38.46	-35.54	74.00	41.87	29.23	4.38	37.02	---	---	Peak
8	2128.00	40.90	-33.10	74.00	42.10	30.71	4.83	36.74	---	---	Peak
9	2832.00	42.87	-31.13	74.00	41.89	32.10	5.85	36.97	---	---	Peak
10	3888.00	45.41	-28.59	74.00	40.45	34.92	6.66	36.62	---	---	Peak
11	4448.00	46.41	-27.59	74.00	40.18	35.82	7.26	36.85	---	---	Peak
12	5032.00	46.93	-27.07	74.00	40.30	35.49	7.84	36.70	---	---	Peak



4. List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
EMI Receiver	R&S	ESC17	100768	9kHz~7GHz;	Apr. 19, 2018	May 15, 2018	Apr. 18, 2019	Conduction (CO01-KS)
AC LISN	MessTec	AN3016	060103	9kHz~30MHz	Oct. 13, 2017	May 15, 2018	Oct. 12, 2018	Conduction (CO01-KS)
AC LISN (for auxiliary equipment)	MessTec	AN3016	060105	9kHz~30MHz	Oct. 13, 2017	May 15, 2018	Oct. 12, 2018	Conduction (CO01-KS)
AC Power Source	Chroma	61602	ABP000000811	AC 0V~300V, 45Hz~1000Hz	Oct. 12, 2017	May 15, 2018	Oct. 11, 2018	Conduction (CO01-KS)
EMI Test Receiver	R&S	ESR7	101403	9kHz~7GHz;Max x 30dBm	Aug.08, 2017	May 09, 2018	Aug.07, 2018	Radiation (03CH02-KS)
EXA Spectrum Analyzer	Keysight	N9010A	MY55150208	10Hz-44G,MAX 30dB	Apr.17, 2018	May 09, 2018	Apr. 16, 2019	Radiation (03CH02-KS)
Bilog Antenna	TeseQ	CBL6112D	23182	30MHz-2GHz	Jan. 29, 2018	May 09, 2018	Jan. 28, 2019	Radiation (03CH02-KS)
Double Ridge Horn Antenna	ETS-Lindgren	3117	75957	1GHz~18GHz	Oct. 21, 2017	May 09, 2018	Oct. 20, 2018	Radiation (03CH02-KS)
Amplifier	SONOMA	310N	187289	9KHz-1GHz	Aug.07, 2017	May 09, 2018	Aug.06, 2018	Radiation (03CH02-KS)
Amplifier	Agilent	8449B	3008A02384	1-26.5GHz Gain 30dB	Oct. 12, 2017	May 09, 2018	Oct. 11, 2018	Radiation (03CH02-KS)
AC Power Source	Chroma	61601	616010002473	N/A	NCR	May 09, 2018	NCR	Radiation (03CH02-KS)
Turn Table	MF	MF7802	N/A	0~360 degree	NCR	May 09, 2018	NCR	Radiation (03CH02-KS)
Antenna Mast	MF	MF7802	N/A	1 m~4 m	NCR	May 09, 2018	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% ($U = 2Uc(y)$)	2.3dB
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Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.2dB
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Uncertainty of Radiated Emission Measurement (1000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.2dB
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