FCC RF Test Report

APPLICANT: TCL Communication Ltd.

EQUIPMENT: HSUPA/HSDPA/UMTS Tri Band/GSM Quad Band/LTE 7

band mobile phone

BRAND NAME : Vodafone MODEL NAME : VFD 900

FCC ID : 2ACCJN007

STANDARD : FCC Part 15 Subpart C §15.225

CLASSIFICATION: (DXX) Low Power Communication Device Transmitter

The product was received on Dec. 14, 2015 and testing was completed on Mar. 26, 2016. We, SPORTON INTERNATIONAL (KUNSHAN) INC., would like to declare that the tested sample has been evaluated in accordance with the test procedures 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.

Prepared by: James Huang / Manager

Approved by: Jones Tsai / Manager

SPORTON INTERNATIONAL (KUNSHAN) INC.

No. 3-2, PingXiang Road, Kunshan, Jiangsu Province, P. R. China

SPORTON INTERNATIONAL (KUNSHAN) INC.

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Testing Laboratory 2627

Report No.: FR5D1401D

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REVISION HISTORY

Report No.: FR5D1401D

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FR5D1401D	Rev. 01	Initial issue of report	Apr. 14, 2016

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SUMMARY OF THE TEST RESULT

	Applied Standard: 47 CFR FCC Part 15 Subpart C					
Part FCC Rule Description of Test		Result	Under Limit			
3.1	15.207	AC Power Line Conducted	Complies	0.91 dB at		
3.1	15.207	Emissions		0.570MHz		
3.2	15 225(a)/b)/a)	Field Strength of	Complies	68.56 dB at		
3.2	15.225(a)(b)(c)	Fundamental Emissions	Complies	13.560 MHz		
3.3	2.1049	20dB Spectrum Bandwidth	20dB Spectrum Bandwidth Complies			
3.3	-	99% OBW Spectrum	Complies			
3.3		Bandwidth		-		
	15 225(d)			4.35 dB at		
3.4		Radiated Emissions	Complies	32.910 MHz		
	15.209			for Quasi-Peak		
3.5	15.225(e)	e) Frequency Stability Complies		-		
3.6	15.203	O3 Antenna Requirements Complies		-		

Test Items	Uncertainty	Remark
AC Power Line Conducted Emissions	±2.3dB	Confidence levels of 95%
Radiated Emissions (30MHz~1000MHz)	±5.1dB	Confidence levels of 95%

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1. GENERAL INFORMATION

1.1 Applicant

TCL Communication Ltd.

5F, C building, No. 232, Liang Jing Road ZhangJiang High-Tech Park, Pudong Area Shanghai, P.R. China. 201203

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1.2 Manufacturer

TCL Communication Ltd.

5F, C building, No. 232, Liang Jing Road ZhangJiang High-Tech Park, Pudong Area Shanghai, P.R. China. 201203

1.3 Product Details

Items	Description
Tx/Rx Frequency Range	13.553 ~ 13.567MHz
Channel Number	1
20dBW	2.49KHz
99%OBW	2.11 KHz
Antenna Type	Loop Antenna
Type of Modulation	ASK

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 Modification of EUT

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

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1.5 Testing Location

Test Site	SPORTON INTERNATIONAL (KUNSHAN) INC.			
	No. 3-2, PingXiang Road, Kunshan, Jiangsu Province, P. R. China			
Test Site Location	TEL: +86-0512-5790-0158			
	FAX: +86-0512-5790-0958			
Test Site No.	Sporton Site No.			FCC Registration No.
rest site No.	TH01-KS	CO01-KS	03CH02-KS	
Test Engineer	Issac Song	Amos Zhang	Star Wei	418269
Temperature	24~25 ℃	22~24 ℃	22~23 ℃	410209
Relative Humidity	49~51%	44~46%	42~43%	

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

1.6 Specification of Accessory

	Specification of Accessory				
	Brand Name	N/A	Model Name	QC10US	
AC Adapter	Power Rating	/P: 100-240Vac, 500mA, O/P: 5.0Vdc, 2A, / 9.0Vdc, 1.67/			
	Manufacturer	BYD	P/N	CBA0060AG1C1	
Dettem	Brand Name	ALCATEL ONETOUCH	Model Name	TLp030F2	
Battery	Power Rating	3.84Vdc, 3000mAh			
	Manufacturer	SCUD	P/N	CAC3000013C2	
	Brand Name	N/A	Model Name	CDA0000043C8	
USB Cable 1	Signal Line Type	1.01m shielded without core			
	Manufacturer	PUAN	P/N	N/A	
	Brand Name	N/A	Model Name	CDA0000043C2	
USB Cable 2	Dialiu Naille	IN/A		CDA0000087C2	
USB Cable 2	Signal Line Type	1.00m shielded without core			
	Manufacturer	Shenghua	P/N	N/A	
	Brand Name	N/A	Model Name	WH60	
Earphone	Signal Line Type	1.24m non-shielded without core			
	Manufacturer	Lianchuang	P/N	N/A	

1.7 Applicable Standards

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

- FCC Part 15 Subpart C §15.225
- ANSI C63.10-2013

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1.8 Test Modes

Investigation has been done on all the possible configurations for searching the worst cases. The following table is a list of the test modes shown in this test report.

Test Items			
Field Strength of Fundamental Emissions			
Frequency Stability			
Radiated Emissions 30MHz~1GHz			

Note:

- 1. The EUT was programmed to be in continuously transmitting mode.
- The ancillary equipment, NFC card, is used to make the EUT (NFC) continuously transmit at 13.56MHz and is placed around 3 cm gap to the EUT.

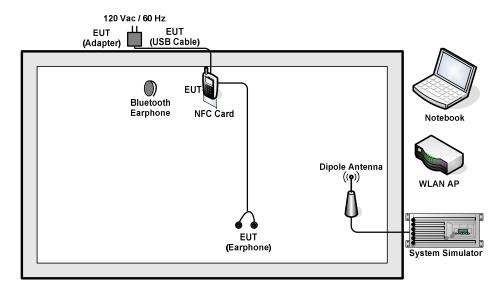
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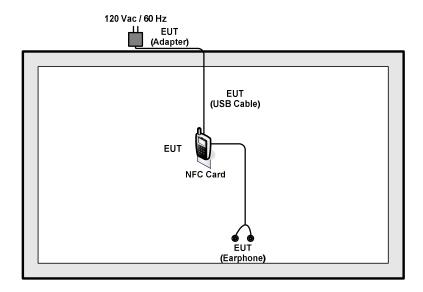
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1.9 Test Configurations

<AC Conducted Emissions>



< For Fundamental Emissions and Mask and Radiated Emissions Measurement >



1.10 Table for Supporting Units

Support Unit	Manufacturer	Model	FCC ID
System Simulator	Anritus	MT8820C	N/A
Bluetooth Earphone	Nokia	BH-102	PYAHS-107W
WLAN AP	LINKSYS	WRT600N	Q87-WRT600NV11
Notebook	Lenovo	G480	N/A
NFC Card	N/A	N/A	N/A

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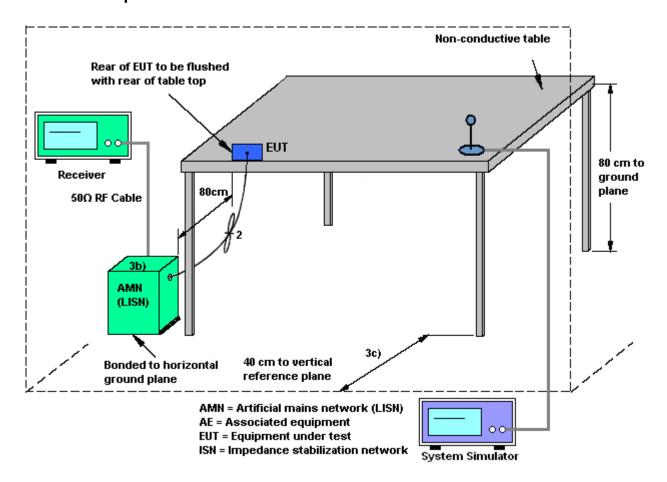
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2. CONDUCTED EMISSION TEST

2.1 Measuring Instruments

See list of measuring instruments of this test report.

2.2 Test setup



2.3 Test Result of Conducted Emission Test

Please refer to Appendix A.

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2.4 AC Power Line Conducted Emissions Measurement

2.4.1 Limit

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	Conducted Limit (dΒμV)		
(MHz)	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.

2.4.2 Test Procedures

- 1. The EUT was placed 0.4 meter from the conducting wall of the shielding room, and it 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.

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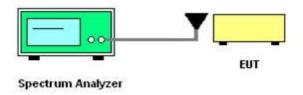
3. CONDUCTED TEST ITEMS

3.1 Measuring Instruments

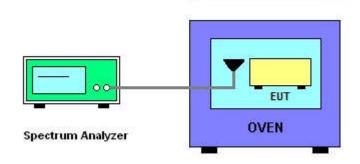
See list of measuring instruments of this test report.

3.2 Test Setup

3.2.1 20dB and 99% OBW Spectrum Bandwidth



3.2.2 Frequency Stability



3.3 Test Result of Conducted Test Items

Please refer to Appendix B.

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3.4 20dB and 99% OBW Spectrum Bandwidth Measurement

3.4.1 Limit

Intentional radiators must be designed to ensure that the 20dB and 99% emission bandwidth in the

specific band 13.553~13.567MHz.

3.4.2 Test Procedures

1. The spectrum analyzer connected via a receive antenna placed near the EUT in peak Max hold

mode.

2. The resolution bandwidth of 1 kHz and the video bandwidth of 3 kHz were used.

3. Measured the spectrum width with power higher than 20dB below carrier.

4. Measured the 99% OBW.

3.5 Frequency Stability Measurement

3.5.1 Limit

The frequency tolerance of the carrier signal shall be maintained within \pm 0.01% (100ppm) of the

operating frequency over a temperature variation of -20 degrees to +50 degrees C at normal supply

voltage, and for a variation in the primary supply voltage from 85% to 115% of the rated supply

voltage at a temperature of 20 degrees C. For battery operated equipment, the equipment tests shall

be performed using a new battery.

3.5.2 Test Procedures

1. The spectrum analyzer connected via a receive antenna placed near the EUT.

2. EUT have transmitted signal and fixed channelize.

3. Set the spectrum analyzer span to view the entire emissions bandwidth.

4. Set RBW = 1 kHz, VBW = 3 kHz with peak detector and maxhold settings.

5. The fc is declaring of channel frequency. Then the frequency error formula is $(fc-f)/fc \times 10^6$ ppm

and the limit is less than ±100ppm.

6. Extreme temperature rule is -20°C~50°C.

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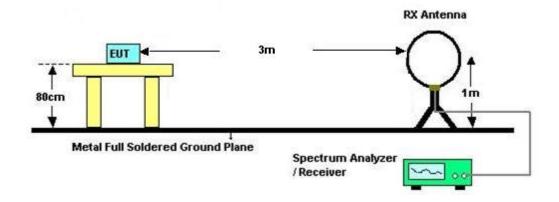
4. RADIATED TEST ITEMS

4.1 Measuring Instruments

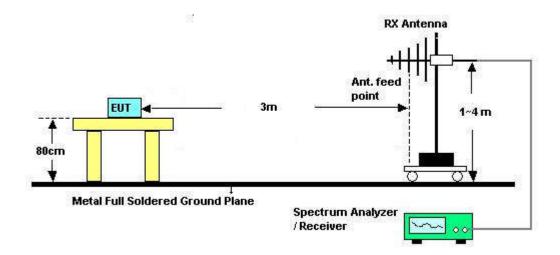
See list of measuring instruments of this test report.

4.2 Test Setup

4.2.1 For radiated emissions below 30MHz



4.2.2 For radiated emissions above 30MHz



4.3 Test Result of Radiated Test Items

Please refer to Appendix C.

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4.4 Field Strength of Fundamental Emissions and Mask Measurement

4.4.1 Limit

Rules and specifications	FCC CFR 47 Part 15 section 15.225 IC RSS-210 A2.6			
Description	Compliance with the spectrum mask is tested with RBW set to 9kHz.			o 9kHz.
From of Emission (MIII-)	Field Strength	Field Strength	Field Strength	Field Strength
Freq. of Emission (MHz)	(µV/m) at 30m	(dBµV/m) at 30m	(dBµV/m) at 10m	(dBµV/m) at 3m
1.705~13.110	30	29.5	48.58	69.5
13.110~13.410	106	40.5	59.58	80.5
13.410~13.553	334	50.5	69.58	90.5
13.553~13.567	15848	84.0	103.08	124.0
13.567~13.710	334	50.5	69.58	90.5
13.710~14.010	106	40.5	59.58	80.5
14.010~30.000	30	29.5	48.58	69.5

4.4.2 Test Procedures

- Configure the EUT according to ANSI C63.10. The EUT was placed on the top of the turntable 0.8 meter above ground. The phase center of the loop receiving antenna mounted antenna tower was placed 3 meters far away from the turntable.
- Power on the EUT and all the supporting units. The turntable was rotated by 360 degrees to determine the position of the highest radiation.
- 3. The height of the receiving antenna was fixed at one meter above ground to find the maximum emissions field strength.
- 4. For Fundamental emissions, use the receiver to measure QP reading.
- 5. When the radiated emissions limits are expressed in terms of the average value of the emissions, and pulsed operation is employed, the measurement field strength shall be determined by averaging over one complete pulse train, including blanking intervals, as long as the pulse train does not exceed 0.1 seconds. As an alternative (provided the transmitter operates for longer than 0.1 seconds) or in cases where the pulse train exceeds 0.1 seconds, the measured field strength shall be determined from the average absolute voltage during a 0.1 second interval during which the field strength is at its maximum value.
- 6. Compliance with the spectrum mask is tested with RBW set to 9kHz.

Note: Emission level (dB μ V/m) = 20 log Emission level (μ V/m).

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4.5 Radiated Emissions Measurement

4.5.1 Limit

The field strength of any emissions which appear outside of 13.110 ~14.010MHz band shall not exceed the general radiated emissions limits.

Frequencies	Field Strength	Measurement Distance
(MHz)	(μV/m)	(meters)
0.009~0.490	2400/F(kHz)	300
0.490~1.705	24000/F(kHz)	30
1.705~30.0	30	30
30~88	100	3
88~216	150	3
216~960	200	3
Above 960	500	3

4.5.2 Measuring Instrument Setting

The following table is the setting of receiver.

Receiver Parameter	Setting
Attenuation	Auto
Frequency Range: 9kHz~150kHz	RBW 200Hz for QP
Frequency Range: 150kHz~30MHz	RBW 9kHz for QP
Frequency Range: 30MHz~1000MHz	RBW 120kHz for Peak

Note: The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90 kHz, 110-490 kHz. Radiated emission limits in these two bands are based on measurements employing an average detector.

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4.5.3 Test Procedures

- Configure the EUT according to ANSI C63.10. The EUT was placed on the top of the turntable
 8 meter above ground. The phase center of the receiving antenna mounted on the top of a height-variable antenna tower was placed 3 meters far away from the turntable.
- 2. Power on the EUT and all the supporting units. The turntable was rotated by 360 degrees to determine the position of the highest radiation.
- The height of the broadband receiving antenna was varied between one meter and four meters above ground to find the maximum emissions field strength of both horizontal and vertical polarization.
- 4. For each suspected emissions, the antenna tower was scan (from 1 M to 4 M) and then the turntable was rotated (from 0 degree to 360 degrees) to find the maximum reading.
- Set the test-receiver system to Peak or CISPR quasi-peak Detect Function with specified bandwidth under Maximum Hold Mode.
- 6. When the radiated emissions limits are expressed in terms of the average value of the emissions, and pulsed operation is employed, the measurement field strength shall be determined by averaging over one complete pulse train, including blanking intervals, as long as the pulse train does not exceed 0.1 seconds. As an alternative (provided the transmitter operates for longer than 0.1 seconds) or in cases where the pulse train exceeds 0.1 seconds, the measured field strength shall be determined from the average absolute voltage during a 0.1 second interval during which the field strength is at its maximum value.
- 7. In case the emission is lower than 30MHz, loop antenna has to be used for measurement and the recorded data should be QP measured by receiver. Antenna Requirements

4.5.4 Limit

Except for special regulations, the Low-power Radio-frequency Devices must not be equipped with any jacket for installing an antenna with extension cable. An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this Section. The manufacturer may design the unit so that the user can replace a broken antenna, but the use of a standard antenna jack or electrical connector is prohibited.

4.5.5 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

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5. LIST OF MEASURING EQUIPMENT

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Spectrum Analyzer	R&S	FSV30	101338	10Hz~30GHz	May 04, 2015	Mar. 03, 2016~ Mar. 26, 2016	May 03, 2016	Conducted (TH01-KS)
Thermal Chamber	Ten Billion	TTC-B3S	TBN-960502	-40~+150°C	Oct. 24, 2015	Mar. 03, 2016~ Mar. 26, 2016	Oct. 23, 2016	Conducted (TH01-KS)
AC Power Source	Chroma	61602	ABP000000 811	AC 0V~300V, 45Hz~1000Hz	Oct. 24, 2015	Mar. 03, 2016~ Mar. 26, 2016	Oct. 23, 2016	Conducted (TH01-KS)
EMI Test Receiver	R&S	ESR7	101403	9kHz~7GHz; Max 30dBm	Sep. 10, 2015	Mar. 23, 2016	Sep. 09, 2016	Radiation (03CH02-KS)
Loop Antenna	R&S	HFH2-Z2	100321	9kHz~30MHz	Nov. 07, 2015	Mar. 23, 2016	Nov. 06, 2016	Radiation (03CH02-KS)
Bilog Antenna	TeseQ	CBL6112D	23182	25MHz-2GHz	Mar. 12, 2016	Mar. 23, 2016	Mar. 11, 2017	Radiation (03CH02-KS)
Amplifier	com-power	PA-103A	161069	1kHz~1000MHz	May 04, 2015	Mar. 23, 2016	May 03, 2016	Radiation (03CH02-KS)
AC Power Source	Chroma	61601	6160100024 73	N/A	NCR	Mar. 23, 2016	NCR	Radiation (03CH02-KS)
Turn Table	MF	MF7802	N/A	0~360 degree	NCR	Mar. 23, 2016	NCR	Radiation (03CH02-KS)
Antenna Mast	MF	MF7802	N/A	1 m~4 m	NCR	Mar. 23, 2016	NCR	Radiation (03CH02-KS)
EMI Receiver	R&S	ESCI7	100768	9kHz~7GHz;	May 04, 2015	Mar. 14, 2016	May 03, 2016	Conduction (CO01-KS)
AC LISN	MessTec	AN3016	060103	9kHz~30MHz	Oct. 24, 2015	Mar. 14, 2016	Oct. 23, 2016	Conduction (CO01-KS)
AC LISN (for auxiliary equipment)	MessTec	AN3016	060105	9kHz~30MHz	Oct. 24, 2015	Mar. 14, 2016	Oct. 23, 2016	Conduction (CO01-KS)
AC Power Source	Chroma	61602	ABP000000 811	AC 0V~300V, 45Hz~1000Hz	Oct. 24, 2015	Mar. 14, 2016	Oct. 23, 2016	Conduction (CO01-KS)

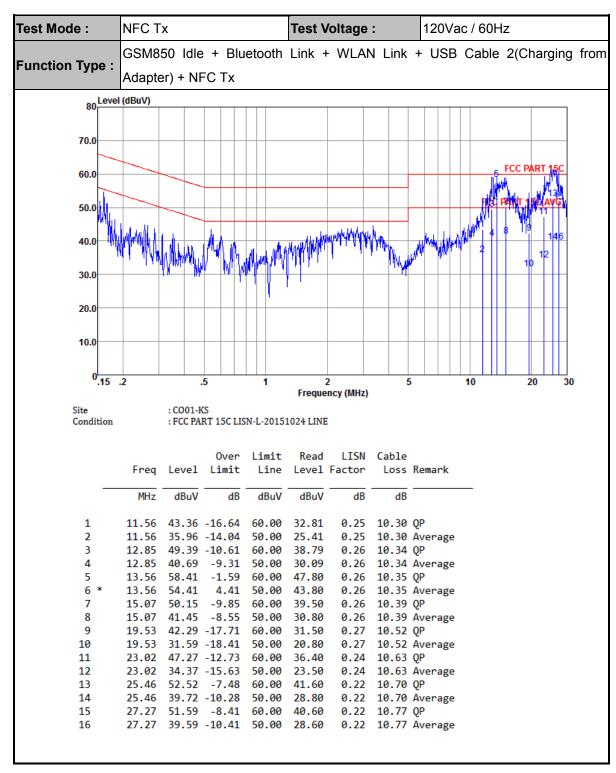
NCR: No Calibration Required

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Appendix A. Test Results of Conducted Emission Test



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Test Mode: NFC Tx 120Vac / 60Hz Test Voltage: GSM850 Idle + Bluetooth Link + WLAN Link + USB Cable 2(Charging from Function Type: Adapter) + NFC Tx 80 Level (dBuV) 70.0 60.0 50.0 40.0 30.0 20.0 10.0 0.15 .2 .5 2 5 10 20 Frequency (MHz) Site : CO01-KS : FCC PART 15C LISN-N-20151024 NEUTRAL Condition LISN Cable Over Limit Read Freq Level Limit Line Level Factor Loss Remark MHz dBuV dBuV dBuV dB dB 0.57 49.39 -6.61 56.00 38.90 0.33 10.16 QP 1 0.57 45.09 -0.91 46.00 34.60 0.33 10.16 Average 3 55.82 -4.18 60.00 45.20 0.27 10.35 QP 13.56 3.12 50.00 42.50 0.27 10.35 Average 13.56 53.12 5 21.15 44.72 -15.28 60.00 33.90 0.25 10.57 QP 6 21.15 32.42 -17.58 50.00 21.60 0.25 10.57 Average 7 24.27 51.81 -8.19 60.00 40.91 0.24 10.66 QP 24.27 40.31 -9.69 50.00 29.41 0.24 10.66 Average 8 26.00 55.46 -4.54 60.00 44.50 0.24 10.72 QP 26.00 42.16 -7.84 50.00 31.20 10 0.24 10.72 Average 11 27.42 50.51 -9.49 60.00 39.50 0.24 10.77 QP 12 27.42 38.91 -11.09 50.00 27.90 0.24 10.77 Average

(1) with antenna

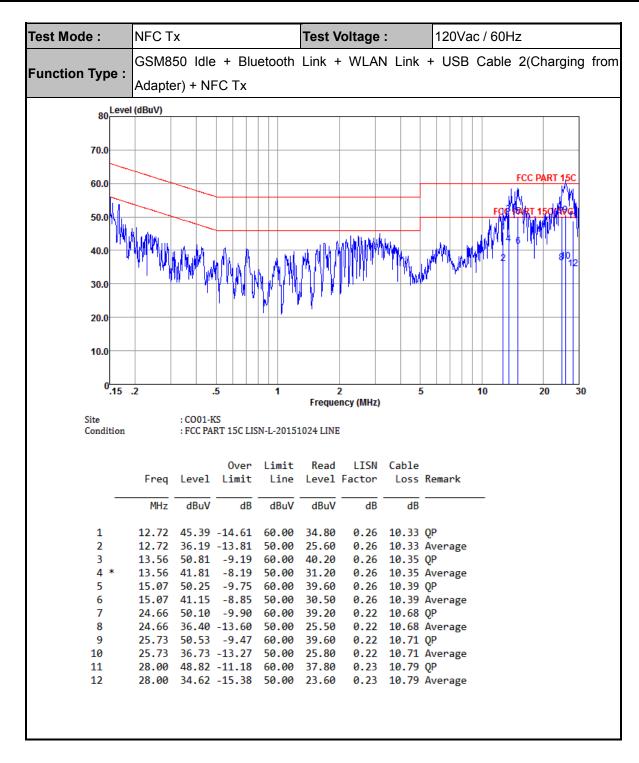
Remark: 13.56MHz is the NFC RF fundamental signal.

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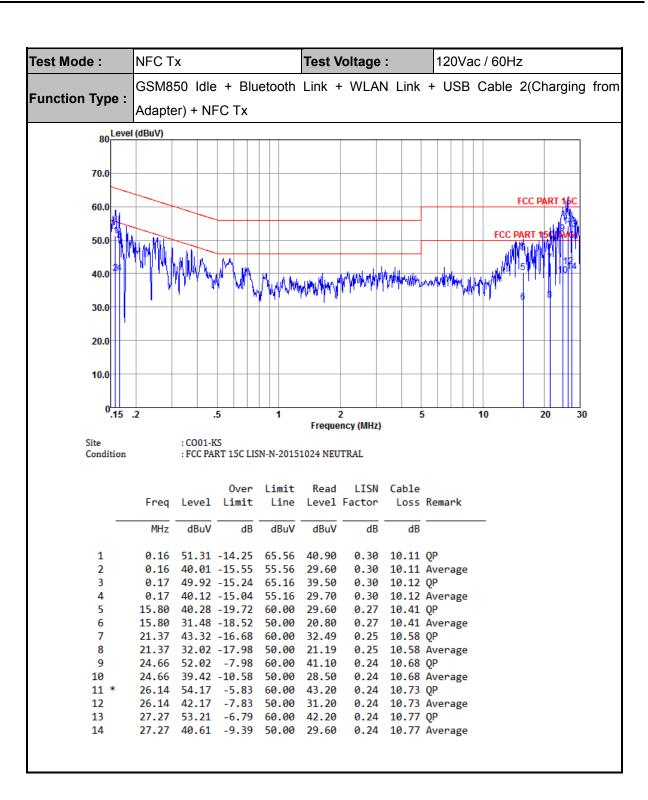
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(1) with dummy load

Remark: Only the fundamental NFC signal needs to be retested per C63.4.

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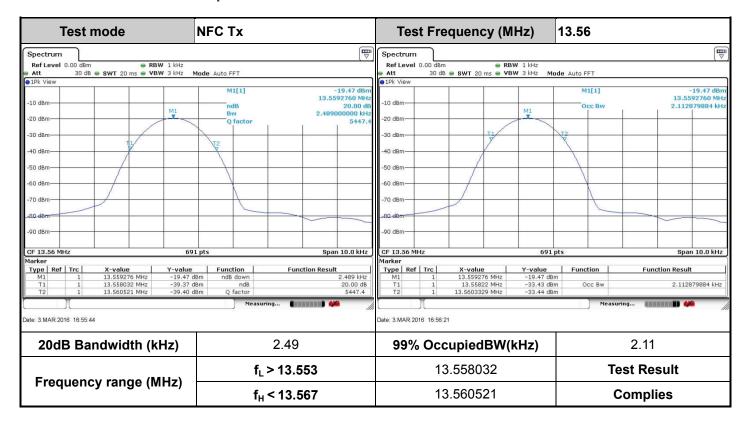
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Appendix B. Test Results of Conducted Test Items

C.1 Test Result of 20dB Spectrum Bandwidth



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C.2 Test Result of Frequency Stability

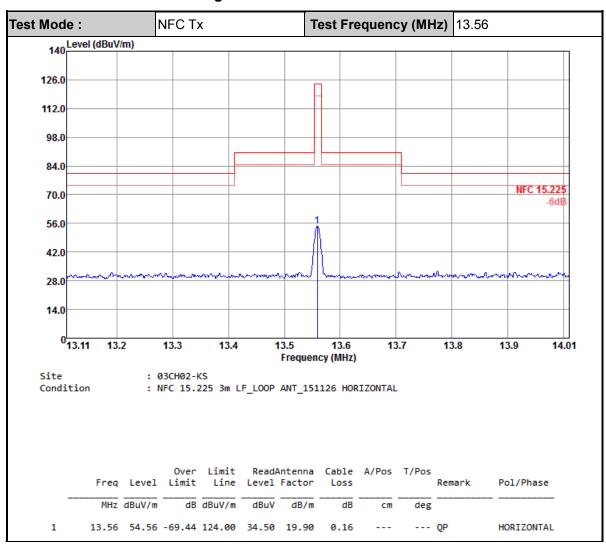
Voltage vs. Freque	ncy Stability	Temperature vs.	Frequency Stability		
Voltage (Vac)	Measurement Frequency (MHz)	Temperature (℃)	Measurement Frequency (MHz)		
120	13.559276	-20	13.559349		
102	13.559276	-10	13.559364		
138	13.559276	0	13.559349		
-	-	10	13.559349		
-	-	20	13.559342		
-	-	30	13.559335		
-	-	40	13.559320		
-	-	50	13.559290		
Max.Deviation (MHz)	-0.000724	Max.Deviation (MHz)	-0.000710		
Max.Deviation (ppm)	-53.3555	Max.Deviation (ppm)	-52.3230		
Limit	FS < ±100 ppm	Limit	FS < ±100 ppm		
Test Result	PASS	Test Result	PASS		

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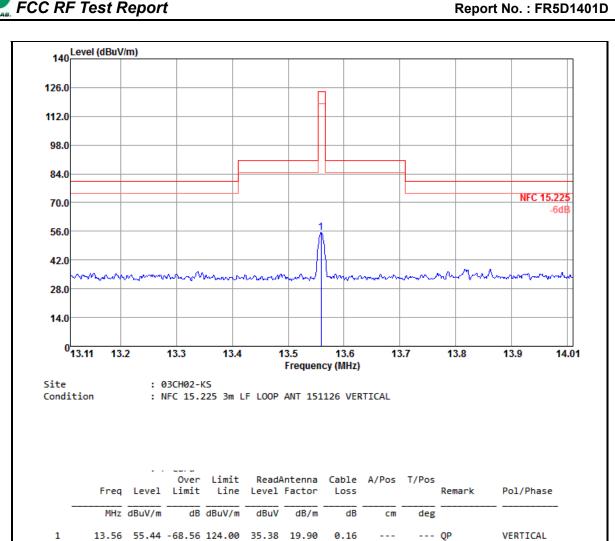
Appendix C. Test Results of Radiated Test Items

D.1 Test Result of Field Strength of Fundamental Emissions



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Note: All NFC's spurious emissions are below 20dB of limits.

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D.2 Results of Radiated Emissions (9 kHz~30MHz)

Test Mode :	NFC NFC	Тх		Polariz	ation :	Hor	izontal		
Frequency	Level	Over	Limit	Read	Antenna	Cable	Ant	Table	Remark
(MHz)	(dBµV/m)	Limit (dB)	Line (dBµV/m)	Level (dBµV)	Factor (dB)	Loss (dB)	Pos (cm)	Pos (deg)	
0.02254	51.15	-69.39	120.54	30.54	20.6	0.01	-	-	Average
0.46635	42.18	-52.03	94.21	22.07	20.1	0.01	-	-	Average
1.684	49.56	-13.51	63.07	29.76	19.77	0.03	-	-	QP
2.642	46.14	-23.4	69.54	26.3	19.8	0.04	-	-	QP
4.448	46.5	-23.04	69.54	26.71	19.73	0.06	-	-	QP
16.756	38	-31.54	69.54	18.11	19.7	0.19	-	-	QP
25.6	38.6	-30.94	69.54	17.96	20.35	0.29	-	-	QP

Test Mode :	: NFC	Тх		Polariz	zation :	Ver	Vertical			
Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Ant Pos	Table Pos	Remark	
(MHz)	$(dB\mu V/m)$	(dB)	(dBµV/m)	(dBµV)	(dB)	(dB)	(cm)	(deg)		
0.04919	48.51	-65.25	113.76	28.1	20.4	0.01	-	-	Average	
0.69945	47.52	-23.17	70.69	27.88	19.62	0.02	-	-	QP	
1 686	45 78	-17 28	63.06	25 98	19 77	0.03	_	_	QΡ	

(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB)	(dB)	(cm)	(deg)	
0.04919	48.51	-65.25	113.76	28.1	20.4	0.01	-	-	Average
0.69945	47.52	-23.17	70.69	27.88	19.62	0.02	-	-	QP
1.686	45.78	-17.28	63.06	25.98	19.77	0.03	-	-	QP
2.618	42.44	-27.1	69.54	22.6	19.8	0.04	-	-	QP
4.634	42.55	-26.99	69.54	22.78	19.71	0.06	-	-	QP
14.622	37.94	-31.6	69.54	18.02	19.75	0.17	-	-	QP
19.22	38.14	-31.4	69.54	18.22	19.7	0.22	-	-	QP

Note:

- 1. 13.56 MHz is fundamental signal which can be ignored.
- 2. The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.
- 3. Distance extrapolation factor = 40 log (specific distance / test distance) (dB);
- 4. Limit line = specific limits $(dB\mu V)$ + distance extrapolation factor.

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D.3 Results of Radiated Emissions (30MHz~1GHz)

Test Mode	Test Mode : NFC Tx			Polarization :					Horizontal			
Frequency (MHz)	Leve	Limi	t Line	Level	Factor		Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark		
31.94	24.00	6 -15.9	4 40	37.42	18.22	0.97	32.55	112	30	PK		
71.71	17.74	4 -22.2	6 40	40.43	8.36	1.45	32.5	-	-	PK		
88.2	18.49	9 -25.0	1 43.5	39.31	9.98	1.53	32.33	-	-	PK		
211.39	21.6	1 -21.8	9 43.5	41.22	10.33	2.4	32.34	-	-	PK		
442.25	24	-22	46	35.53	17.18	3.51	32.22	-	-	PK		
819.58	22.5	1 -23.4	9 46	28.68	20.57	4.89	31.63	-	-	PK		

Test Mode :	NFC	СТх		Polarization:			Vertical			
Frequency Le	vel	Over Limit	Limit Line	Read Level	Antenna Factor		•	_	Table Pos	Remark

Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	
(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB)	(dB)	(dB)	(cm)	(deg)	
32.91	35.65	-4.35	40	49.45	17.73	0.99	32.52	110	54	QP
59.1	26.8	-13.2	40	51.66	6.36	1.31	32.53	-	-	PK
71.71	29.51	-10.49	40	52.2	8.36	1.45	32.5	-	-	PK
207.51	22.06	-21.44	43.5	41.93	10.15	2.35	32.37	-	-	PK
450.98	21.66	-24.34	46	33.02	17.3	3.53	32.19	-	-	PK
883.6	23.99	-22.01	46	28.44	22.14	5.05	31.64	-	-	PK

Note:

- 1. The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.
- 2. Emission level (dB μ V/m) = 20 log Emission level (μ V/m).
- 3. Corrected Reading: Antenna Factor + Cable Loss + Read Level Preamp Factor= Level.

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