





NFC TEST REPORT

No.23T04Z80961-38

for

Wingtech Group (Hong Kong) Limited

5G Mobile Phone

TMRV075G

FCC ID: 2APXW-TMRV075G

with

Hardware Version: V1.0

Software Version: TMRV075G_0.03.03

Issued Date: 2024-03-11

Note:

The test results in this test report relate only to the devices specified in this report. This report shall not be reproduced except in full without the written approval of CTTL.

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REPORT HISTORY

Report Number	Revision	Description	Issue Date
23T04Z80961-38	Rev.0	1 st edition	2024-03-11

Note: the latest revision of the test report supersedes all previous version.



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1. Test Laboratory

1.1. Introduction & Accreditation

Telecommunication Technology Labs, CAICT is an ISO/IEC 17025:2017 accredited test laboratory under American Association for Laboratory Accreditation (A2LA) with lab code 7049.01, and is also an FCC accredited test laboratory (CN1349), and ISED accredited test laboratory (CAB identifier:CN0066). The detail accreditation scope can be found on A2LA website.

1.2. <u>Testing Location</u>

Location 1: CTTL(huayuan North Road)

Address: No. 52, Huayuan North Road, Haidian District, Beijing,

P. R. China 100191

Location 2: CTTL(Cui Hu)

Address: CuiHu Cloud Center No.1 Gaolizhang Road, Wenquan

Town, Haidian District, Beijing, China





1.3. <u>Testing Environment</u>

Normal Temperature: 15-35°C

Extreme Temperature: -20/+50°C

Normal Relative Humidity: 20-75%

Normal Air Pressure 86Kpa-106Kpa

1.4. Project data

Testing Start Date: 2024-01-26 Testing End Date: 2024-03-01

1.5. Signature

国河十

Miao Qinghua

(Prepared this test report)

Zhou Bin

(Reviewed this test report)

Pang Shuai

(Approved this test report)





2. Client Information

2.1. Applicant Information

Company Name: Wingtech Group (Hong Kong) Limited

Address: Flat/RM 1903 19/F, Podium Plaza, 5 Hanoi Road, Tsim Sha Tsui, KL, HK

Contact: sharui

Telephone: +86-21-53529900 Email: sharui@wingtech.com

2.2. Manufacturer Information

Company Name: Wingtech Group (Hong Kong) Limited

Address: Flat/RM 1903 19/F, Podium Plaza, 5 Hanoi Road, Tsim Sha Tsui, KL, HK

Contact: sharui

Telephone: +86-21-53529900

Email: sharui@wingtech.com





3. Equipment Under Test (EUT) and Ancillary Equipment (AE)

3.1. About EUT

Description 5G Mobile Phone

Model Name TMRV075G

FCC ID 2APXW-TMRV075G GSM Frequency bands 900/1800/1900/850

UMTS Frequency bands FDD II/IV/V

E-UTRA Frequency FDD 2/4/5/7/12/25/26/66/71

bands TDD 41

5G NR Frequency bands SA n25/n41/n66/n71/n77

NSA n25/n41/n66/n71/n77

Operating temperature -10/+55°C
Extreme low voltage 3.6V
Normal voltage 3.87V
Extreme high voltage 4.45V

3.2. Internal Identification of EUT

EUT ID*	SN or IMEI	HW Version	SW Version	
UT113g	862503070016480/	V1.0	TMD\/075C 0.02.02	
	862503070016498	V 1.U	TMRV075G_0.03.03	
UT11a	862503070011184/	V1.0	TMRV075G 0.03.03	
	862503070011192	V 1.U	TWKV073G_0.03.03	

^{*}EUT ID: is used to identify the test sample in the lab internally.

3.3. Internal Identification of AE

AE ID*	Description	Model	Manufacture
AE1	Battery1	TM002	SCUD (FUJIAN) Electronics Co., Ltd.
AE2	Charger1	1	1
AE3	USB Cable1	USB AM TO TYPE-C2.0	Huizhou Washin Electronics Co., LTD

^{*}AE ID: is used to identify the ancillary equipment in the lab internally.

3.4. EUT Set-ups

EUT set-up No.	Combination of EUT and AE	Remarks
Set.NFC01	UT11a + AE1 + AE2 + AE3+ NFC Card	Charge
Set.NFC02	UT11a + AE1+ NFC card	NFC
Set.NFC03	UT113g	

The Transmit State of NFC: the NFC function is on. The EUT will transmit the NFC data and command continuously during the test.

The Transmit state without modulation: The EUT will transmit the CW signal at the operating





frequency.

4. Reference Documents

4.1. Documents supplied by applicant

EUT parameters, referring to Annex A for detailed information, are supplied by the client or manufacturer, which are the bases of testing.

4.2. Reference Documents for testing

The following documents listed in this section are referred for testing.

Reference	Title	Version
CFR 47 Part 2	Part 2 — Frequency Allocations and Radio Treaty Matters;	2019
	General Rules and Regulations.	
CFR 47 Part 15	Part 15 — Radio Frequency Devices.	2019
	Subpart C — Intentional Radiators.	
	§ 15.35 Measurement detector functions and bandwidths.	
	§ 15.207 Conducted limits.	
	§ 15.209 Radiated emission limits, general requirements.	
	§ 15.215 Additional provisions to the general radiated	
	emission limitations.	
	§ 15.225 Operation within the band 13.110–14.010 MHz.	
ANSI C63.10	American National Standard of Procedures for Compliance	2013
	Testing of Unlicensed Wireless Devices	





5. Test Results

5.1. Summary of Test Results

No	Test Cases	Clause in Regulation	Section in This Report	Verdict	
1	Electric Field Strength of	CFR 47 § 15.225(a)		D(Sat NECO2)	
I	Fundamental Emissions	CFR 47 § 15.225(a)	B.1	P(Set. NFC02)	
2	Electric Field Strength of	CFR 47 § 15.225(b)	D. I	P(Set. NFC02)	
2	Outside the Allocated Bands	CFR 47 § 15.225(c)			
3	Electric Field Radiated	CFR 47 § 15.209	B.2	P(Set. NFC01)	
3	Emissions	CFR 47 § 15.225(d)	B.3	P(Set. NFC01)	
4	Frequency Tolerance	CFR 47 § 15.225(e)	B.4	P(Set. NFC03)	
5	20dB Bandwidth	CFR 47 § 15.215(c)	B.5	P(Set. NFC03)	
6	Conducted Emissions	CFR 47 § 15.207	B.6	P(Set. NFC01)	
The	The measurement is carried out according to ANSI C63.10. See ANNEX B for details.				

Test Conditions:

For this report, all the test cases listed above were tested under normal Temperature, Voltage, humidity and Air Pressure except the Frequency Tolerance test case. The specific conditions of Frequency Tolerance test case are listed in section B.4.3

See Table 3 for terms for result verdict:

Table 1 Terms for result verdict

Р	Pass, The EUT complies with the essential requirements in the standard.
NP	Not Perform, The test was not performed by CTTL
NA	Not Applicable, The test was not applicable
F	Fail, The EUT does not comply with the essential requirements in the standard

5.2. Statements

The test cases listed in Section 5.1 of this report for the EUT specified in Section 3 were performed by CTTL according to the reference documents in Section 4.

The EUT meets all applicable requirements of the regulations and standards in Section 4.2.





6. Test Facilities Utilized

NO.	NAME	TYPE	SERIES NUMBER	PRODUCER	CAL. DUE DATE	CAL. INTERVAL
1.	Spectrum Analyzer	N9030A	MY49432143	Keysight	2024-12-16	1 Year
				Technologies		
2.	Climatic chamber	WK3-340/70	58226117510010	WEISS	2024-08-08	1 Year
3.	Test Receiver	ESW44	103023	R&S	2024-07-08	1 Year
4.	H-field Antenna	HFH2-Z2	829324/007	R&S	2026-02-05	2 Years
_	EMI Antonio	\/ II D 0460	04000	SCHWARZBEC	0004 00 00	4. 1/2 11
5.	EMI Antenna	VULB 9163	01222	K	2024-02-28	1 Year
6.	Test Receiver	ESCI	100344	R&S	2024-03-20	1 Year

*Note: The EMI Antenna with series number of 01222 did not exceed the CAL.DUE.DATE when used.





7. Measurement Uncertainty

Item	Uncertainty
Frequency Tolerance	U =74 Hz, k=2
20dB Bandwidth	<i>U</i> =74 Hz, k=2
Radiated Emissions(9kHz-30MHz)	<i>U</i> =4.92 dB, k=2
Radiated Emissions (30MHz-1GHz)	<i>U</i> =4.72 dB, k=2
Radiated Emissions (>1GHz)	<i>U</i> =4.84 dB, k=2
Conducted emission	<i>U</i> = 3.08 dB, k=2





ANNEX A: EUT parameters

/





ANNEX B: Detailed Test Results

B.1. Electric Field Strength of Fundamental and Outside the Allocated bands

B.1.1. Reference

See Clause 4, Clause 5 of ANSI C63.10-2013 generally.

B.1.2. Measurement Methods

The transmitter carrier output levels (E-Field) from the EUT are measured in a semi-anechoic chamber. The EUT is placed on a non-conductive stand of 80cm high, and at a measurement distance of 3m from the receiving antenna. The center of the receiving loop antenna is 1.0 meter above the ground. The E-field is measured with a shielded loop antenna connected to a measurement receiver. Detected E-field was maximized by rotating the EUT through 360° and adjusting the receiving antenna polarizations. The maximization processes were repeated with the EUT positioned respectively in its three orthogonal axes. The measurements were performed with the peak detector and if required, the quasi-peak detector.

The measurement bandwidth is:

Table B-1: Measurement bandwidth

Frequency of Emission (MHz)	RBW/VBW
12.56-14.56	10/30 kHz

The E-field measured at 3m is calculated as:

E-field $(dB\mu V/m) = Rx (dB\mu V) + Cable Loss (dB) + AF@3m (dB/m)$

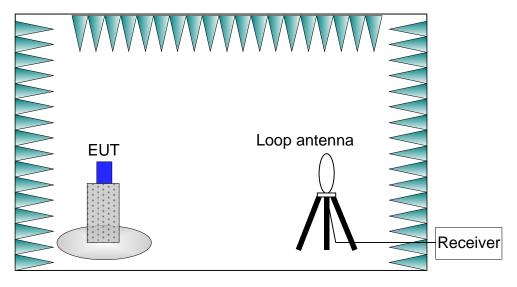


Figure B-1: Measurement Setup

B.1.3. EUT Operating Mode and Test Conditions

The measurement of EUT is carried out under the transmit state of NFC(See 3.4). The EUT is powered by a travel adapter.





During the measurements, the ambient temperature of the electromagnetic anechoic chamber is in the range of $15 \sim 25$ °C.

B.1.4. Limits

Table B-2: Limits

Frequency Range (MHz)	E-field Strength Limit @ 30 m (µV/m)	E-field Strength Limit @ 3 m (dBµV/m)	
13.560 ± 0.007	+15,848	124	
13.410 to 13.553	+334	90	
13.567 to 13.710	+334	90	
13.110 to 13.410	+106	81	
13.710 to 14.010	Ŧ 100	01	

Note: Where the limits have been defined at one distance, and a signal level measured at another, the limits have been extrapolated using the following formula:

Extrapolation(dB) = $40\log_{10}$ (Measurement Distance/Specification Distance)

B.1.5. Measurement Results

Measurement results of normal conditions see Figure B-2 for different set-ups of EUT. The results displayed take into account applicable antenna factors and cable losses.

Conclusions: Set.NFC02, PASS.



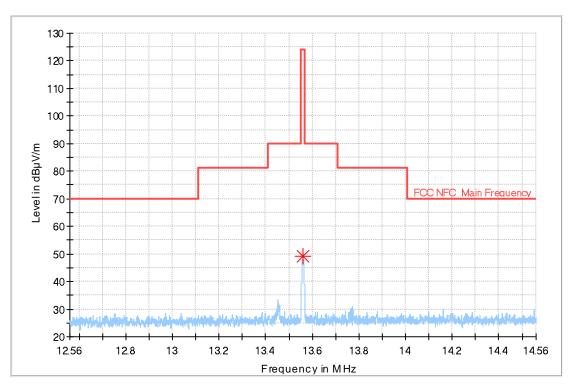


Figure B-2: Measurement results for Electric Field Strength of Fundamental and Outside the Allocated bands





Frequency	MaxPeak	Limit	Margin	Meas. Time	Bandwidth	Pol	Azimuth	Corr.
(MHz)	(dBµV/m)	(dBµV/m)	(dB)	(ms)	(kHz)		(deg)	(dB/m)
13.559750	49.23	124.00	74.77	-		٧	164.0	17.9

B.2. Electric Field Radiated Emissions (< 30MHz)

B.2.1. Reference

See Clause 6.4 of ANSI C63.10-2013 specifically. See Clause 4 and Clause 5 of ANSI C63.10-2013 generally.

B.2.2. Measurement Methods

The transmitter carrier output levels (E-Field) from the EUT are measured in a semi-anechoic chamber. The EUT is placed on a non-conductive stand of 80cm high, and at a measurement distance of 3m from the receiving antenna. The center of the receiving loop antenna is 1.0 meter above the ground. The E-field is measured with a shielded loop antenna connected to a measurement receiver. Detected E-field was maximized by rotating the EUT through 360° and adjusting the receiving antenna polarizations. The maximization processes were repeated with the EUT positioned respectively in its three orthogonal axes. The measurements were performed with the peak detector and if required, the quasi-peak detector.

The measurement bandwidth is:

Frequency of Emission (MHz)	RBW/VBW
0.009-0.15	100/300 Hz
0.15-30	10/30 kHz

The E-field measured at 3m is calculated as:

E-field $(dB\mu V/m) = Rx (dB\mu V) + Cable Loss (dB) + AF@3m (dB/m)$

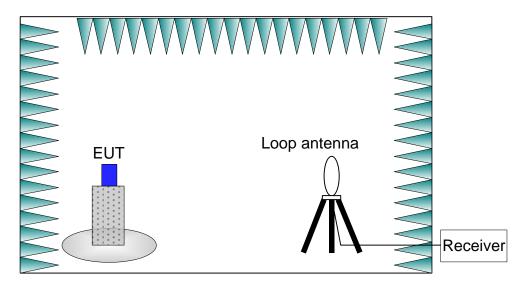


Figure B-3: Measurement Setup





B.2.3. EUT Operating Mode and Test Conditions

The measurement of EUT is carried out under the transmit state of NFC(See 3.4).

The EUT is powered by a travel adapter.

During the measurements, the ambient temperature of the electromagnetic anechoic chamber is in the range of 15 \sim 25 $^{\circ}$ C.

B.2.4. Limits

Frequency Range (MHz)	E-field Strength Limit @ 30m (mV/m)	E-field Strength Limit @ 3m (dBµV/m)	
0.009-0.490	2400/F(kHz)	129-94	
0.490-1.705	24000/F(kHz)	74-63	
1.705-30	30	70	

Note: Where the limits have been defined at one distance, and a signal level measured at another, the limits have been extrapolated using the following formula:

Extrapolation(dB) = 40log₁₀ (Measurement Distance/Specification Distance)

B.2.5. Measurement Results

Measurement results of normal conditions see Figure B-4 for different set-ups of EUT. The results displayed take into account applicable antenna factors and cable losses.

Conclusions: Set.NFC01, PASS.



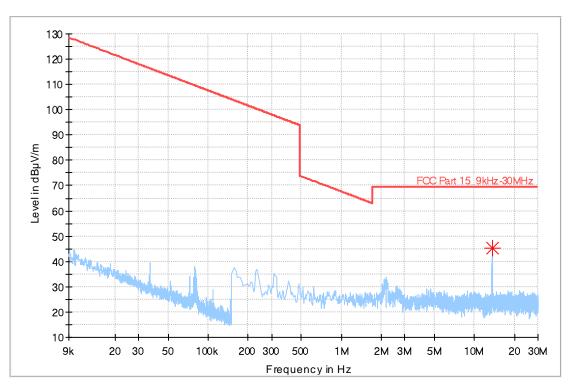


Figure B-4: Measurement results for Electric Field Radiated Emissions (< 30MHz)





Frequency	MaxPeak	Limit	Margin	Bandwidth	Pol	Azimuth	Corr.
(MHz)	(dBµV/m)	(dBµV/m)	(dB)	(kHz)		(deg)	(dB/m)
13.560113	45.35	69.50	24.15		٧	180.0	17.9

B.3. Electric Field Radiated Emissions (≥30MHz)

B.3.1. Reference

See Clause 6.5 of ANSI C63.10-2013 specifically.

See Clause 4 and Clause 5 of ANSI C63.10-2013 generally.

B.3.2. Measurement Methods

The electric field radiated emissions from the EUT are measured in a semi-anechoic chamber. The EUT is placed on a non-conductive stand of 80cm high, and at a measurement distance of 10m from the receiving antenna. The receiving antennas connected to a measurement receiver. In order to search for maximum field strength emitted from the EUT, the receiving antenna can be moved between the height of 1.0 m to 4.0 m. Detected E-field was maximized at each frequency by rotating the EUT through 360° and adjusting the receiving antenna positions for both vertical and horizontal antenna polarizations. The maximization processes were repeated with the EUT positioned respectively in its three orthogonal axes. The measurements were performed with the peak detector and if required, the quasi-peak detector.

The measurement bandwidth is:

Frequency of Emission (MHz)	RBW/VBW
30-1000	120kHz

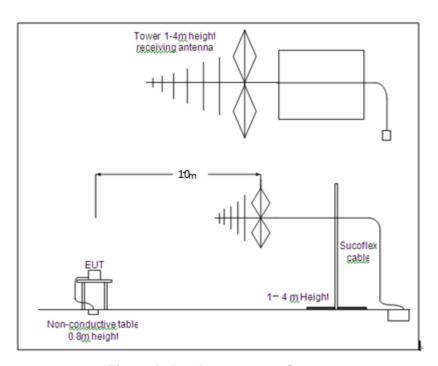


Figure B-5: Measurement Setup





B.3.3. EUT Operating Mode and Test Conditions

The measurement of EUT is carried out under the transmit state of NFC(See 3.4).

The EUT had been connected to a travel adapter.

During the measurements, the ambient temperature of the electromagnetic anechoic chamber is in the range of 15 \sim 25 $^{\circ}$ C.

B.3.4. Limits

Frequency Range (MHz)	E-field Strength Limit @ 3m (mV/m)	E-field Strength Limit @ 3m (dBµV/m)	E-field Strength Limit @ 10m (dBµV/m)
30-88	100	40	30
88-216	150	43.5	33.5
216-960	200	46	36
960-1000	500	54	44

B.3.5. Measurement Results

Measurement results of normal conditions see Figure B-6 for different set-ups of EUT. The results displayed take into account applicable antenna factors and cable losses.

Conclusions: Set.NFC01, PASS.

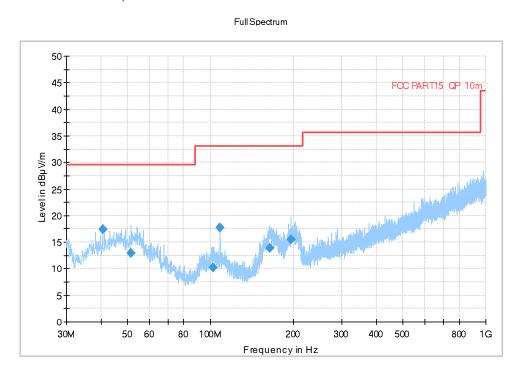


Figure B-6: Measurement results for Electric Field Radiated Emissions (≥30MHz)

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Final_Result

Frequency	QuasiPeak	Limit	Margin	Bandwidth	Height	Pol	Azimuth	Corr.
(MHz)	(dBµV/m)	(dBµV/m)	(dB)	(kHz)	(cm)		(deg)	(dB/m)
40.670000	17.42	29.54	12.12	120.000	175.0	V	135.0	-11.8
51.437000	12.97	29.54	16.57	120.000	101.0	V	103.0	-10.8
102.362000	10.24	33.06	22.82	120.000	101.0	V	-45.0	-12.1
108.473000	17.81	33.06	15.25	120.000	175.0	٧	-25.0	-12.5
163.666000	13.92	33.06	19.14	120.000	322.0	V	155.0	-14.7
196.549000	15.50	33.06	17.56	120.000	322.0	Н	83.0	-11.4

B.4. Frequency Tolerance

B.4.1. Reference

See Clause 6.8 of ANSI C63.10-2013 specifically. See Clause 4 and Clause 5 of ANSI C63.10-2013 generally.

B.4.2. Measurement Methods

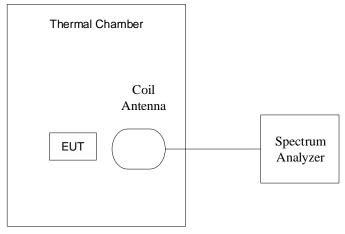


Figure B-7: Measurement Setup

The transmitter output signal was picked up by coil antenna connected to the spectrum analyzer. The center frequency was measured with 30Hz RBW and 1kHz span.

During the test, the EUT was placed in a thermal chamber until thermal balance and lasting appropriate time.

B.4.3. EUT Operating Mode and Test Conditions

The measurement of EUT was carried out under the transmit state of without modulation(See 3.4). EUT had not been connected to a travel adapter. The frequency stability was measured with the different voltage and temperature combinations:

- a) The nominal voltage 3.87V(See 3.1)was used and the temperature was varied from -20 $^{\circ}$ C to +50 $^{\circ}$ C in 10 $^{\circ}$ C increments using an environmental chamber.
- b) The 20 $^{\circ}$ C was used and the voltages were 3.6V, 3.87V and 4.45V (The extreme low voltage ,the normal voltage and the extreme high voltage).

The details were as following:



Table B-3: Combinations of Voltage and Temperature

Test items	Voltage	Temperature
		-20℃
		-10℃
Frequency		0℃
stability with respect	3.87V	10℃
to ambient temperature	3.01 V	20℃
		30℃
		40℃
		50℃
Frequency stability	3.6V	
when varying supply	3.87V	20℃
voltage	4.45V	

B.4.4. Test Layouts

See B.4.2.

B.4.5. Limits

The frequency tolerance of the carrier signal shall be maintained within +/- 0.01% of the operating frequency.

B.4.6. Measurement Results

Measurement results see Table B-4 for different test conditions.

Conclusions: Set.NFC03, PASS.

Table B-4: Measurement results for Frequency Tolerance

Temperature	Voltago	Frequency (MHz)					
remperature	Voltage	Startup	2 Min Later	5 Min Later	10 Min Later		
-20 ℃	3.87V	13.560567000	13.560576000	13.560576000	13.560580000		
-10℃	3.87V	13.560531000	13.560540000	13.560549000	13.560549000		
0℃	3.87V	13.560486000	13.560495000	13.560504000	13.560513000		
10℃	3.87V	13.560448000	13.560456000	13.560464000	13.560472000		
20℃	3.87V	13.560459000	13.560459000	13.550477000	13.560484000		
30℃	3.87V	13.560469000	13.560462000	13.560455000	13.560441000		
40℃	3.87V	13.560432000	13.560423000	13.560423000	13.560418000		
50℃	3.87V	13.560414000	13.560432000	13.560440000	13.560440000		
20℃	3.6V	13.560441000	13.560432000	13.560432000	13.560432000		
20℃	4.45V	13.560448000	13.560448000	13.560459000	13.560459000		



Tomporatura	Voltago		Frequency	/ Error (%)	
Temperature	Voltage	Startup	2 Min Later	5 Min Later	10 Min Later
-20 ℃	3.87V	0.004	0.004	0.004	0.004
-10℃	3.87V	0.004	0.004	0.004	0.004
0℃	3.87V	0.004	0.004	0.004	0.004
10℃	3.87V	0.003	0.003	0.003	0.003
20℃	3.87V	0.003	0.003	-0.070	0.004
30℃	3.87V	0.003	0.003	0.003	0.003
40℃	3.87V	0.003	0.003	0.003	0.003
50℃	3.87V	0.003	0.003	0.003	0.003
20℃	3.6V	0.003	0.003	0.003	0.003
20℃	4.45V	0.003	0.003	0.003	0.003

B.4.7. Measurement Uncertainty

Measurement uncertainty: U =74 Hz, k=2

B.5. 20dB Bandwidth

B.5.1. Reference

See Clause 6.9 of ANSI C63.10-2013 specifically.

See Clause 4 and Clause 5 of ANSI C63.10-2013 generally.

B.5.2. Measurement Methods

The transmitter output signal was picked up by coil antenna connected to the spectrum analyzer. The bandwidth of the center frequency was measured with 300Hz RBW, 1kHz VBW and 10kHz span.

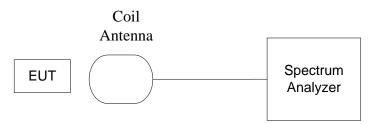


Figure B-8: Measurement Setup

B.5.3. EUT Operating Mode and Test Conditions

The measurement of EUT was carried out under the transmit state of NFC (See 3.4). EUT had not been connected to a travel adapter.

During the measurements, the ambient temperature was in the range of 15 ~ 25 °C.

B.5.4. Test Layouts

See B.5.2.





B.5.5. Limits

The 20dB bandwidth shall be less than 80% of the permitted frequency band. For 13.56 MHz NFC, the permitted frequency band is 14kHz, so the limit is 11.2 kHz.

B.5.6. Measurement Results

Measurement results see Figure B-9.

Conclusions: Set.NFC03, PASS.



Figure B-9: Measurement results for 20dB Bandwidth

B.5.7. Measurement Uncertainty

Measurement uncertainty: *U* =74 Hz, k=2





B.6. Conducted emission

B.6.1. Reference

See Clause 6.2 of ANSI C63.10-2013 specifically.

See Clause 4 and Clause 5 of ANSI C63.10-2013 generally.

B.6.2. Measurement Methods

The conducted emissions from the AC port of the EUT are measured in a shielding room. The EUT is connected to a Line Impedance Stabilization Network (LISN). An overview sweep with peak detection was performed. The measurements were performed with a quasi-peak detector and if required, an average detector.

The conducted emission measurements were made with the following detector of the test receiver: Quasi-Peak / Average Detector.

The measurement bandwidth is:

Table B-5: Measurement Bandwidth

Frequency of Emission (MHz)	RBW/VBW
0.15-30	9kHz

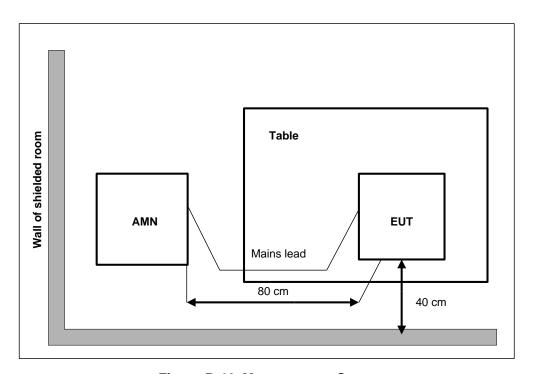


Figure B-10: Measurement Setup

B.6.3. EUT Operating Mode and Test Conditions

The measurement of EUT is carried out under the transmit state of NFC(See 3.4). The EUT is powered by a travel adapter.

During the measurements, the ambient temperature is in the range of 15 ~ 25 $\,^{\circ}$ C.

B.6.4. Limits

Frequency range (MHz)	Quasi-peak Limit (dBμV)	Average Limit (dBμV)
0.15 to 0.5	66 to 56	56 to 46
0.5 to 5	56	46
5 to 30	60	50





B.6.5. Measurement Results

Measurement results see Figure B-11.

Conclusions: Set.NFC01, PASS.

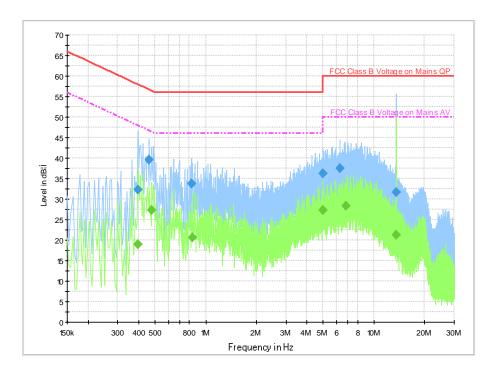


Figure B-11: Measurement results for Conducted Emission

Final Result 1

Frequency	QuasiPeak	Meas.	Bandwidth	Filter	Line	Corr.	Margin	Limit
(MHz)	(dBµV)	Time	(kHz)			(dB)	(dB)	(dBµV)
		(ms)						
0.394000	32.3	2000.0	9.000	On	L1	19.7	25.7	58.0
0.462000	39.7	2000.0	9.000	On	L1	19.7	17.0	56.7
0.822000	33.8	2000.0	9.000	On	L1	19.7	22.2	56.0
4.978000	36.3	2000.0	9.000	On	L1	19.6	19.7	56.0
6.266000	37.4	2000.0	9.000	On	L1	19.6	22.6	60.0
13.558000	31.7	2000.0	9.000	On	L1	19.7	28.3	60.0

Final Result 2

Frequency	QuasiPeak	Meas.	Bandwidth	Filter	Line	Corr.	Margin	Limit
(MHz)	(dBµV)	Time	(kHz)			(dB)	(dB)	(dBµV)
		(ms)						
0.394000	19.0	2000.0	9.000	On	L1	19.7	29.0	48.0
0.478000	27.3	2000.0	9.000	On	L1	19.7	19.1	46.4
0.834000	20.5	2000.0	9.000	On	L1	19.7	25.5	46.0
4.978000	27.2	2000.0	9.000	On	L1	19.6	18.8	46.0
6.826000	28.4	2000.0	9.000	On	L1	19.7	21.6	50.0
13.558000	21.2	2000.0	9.000	On	L1	19.7	28.8	50.0





ANNEX C: Persons involved in this testing

Test Item	Tester
20dB Bandwidth	Miao Qinghua
Frequency Tolerance	Miao Qinghua
Electric Field Strength of Fundamental and Outside	Ding Zai
the Allocated bands	
Electric Field Radiated Emissions (< 30MHz)	Ding Zai
Electric Field Radiated Emissions (≥30MHz)	Ding Zai
Conducted Emissions	Li Pengfei



ANNEX D: Accreditation Certificate





Accredited Laboratory

A2LA has accredited

TELECOMMUNICATION TECHNOLOGY LABS, CAICT

Beijing, People's Republic of China

for technical competence in the field of

Electrical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017

General requirements for the competence of testing and calibration laboratories. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).



Presented this 26th day of June 2023.

Mr. Trace McInturff, Vice President, Accreditation Services For the Accreditation Council Certificate Number 7049.01

Certificate Number 7049.01 Valid to July 31, 2024

For the tests to which this accreditation applies, please refer to the laboratory's Electrical Scope of Accreditation.

END OF REPORT