

Report No.: XEWM2309000451RG07

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TEST REPORT

Application No.: XEWM2309000451RG

Applicant: Guangdong OPPO Mobile Telecommunications Corp., Ltd.

Address of Applicant:

NO.18 Haibin Road, Wusha Village, Chang'an Town, Dongguan City,

Guangdong, China

Manufacturer: Guangdong OPPO Mobile Telecommunications Corp., Ltd.

Address of Manufacturer: NO.18 Haibin Road, Wusha Village, Chang'an Town, Dongguan City,

Guangdong, China

EUT Description: Mobile Phone
Model No.: CPH2599
Trade Mark: OPPO

FCC ID: R9C-CPH2599

Standards: FCC 47 CFR Part 15, Subpart C 15.225

Date of Receipt: 2023/09/08

Date of Test: 2023/09/19 to 2023/09/19

Date of Issue: 2023/10/20

Test Result : PASS *

Authorized Signature:

Peter Tan Regulatory Technical Manager



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10086 t (86–29) 6282 7885 10086 t (86–29) 6282 7885

^{*} In the configuration tested, the EUT detailed in this report complied with the standards specified above



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1 Version

Revision Record						
Version Chapter Date Modifier Remark						
01		2023/10/20		Original		

Prepared By	(Leah Chen) / Test Engineer
Checked By	(Andy Yao) /Reviewer





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2 Test Summary

Test Item	FCC Rules No.	Test Method	Test Result	Result
Antenna Requirement	15.203		Clause 4.1	PASS
AC Power Line Conducted Emission	15.207	ANSI C63.10-2020 Section 6.2	Clause 4.2	PASS
20dB Spectrum Bandwidth	15.215(c)	ANSI C63.10-2020 Section 6.9.2	Clause 4.3	PASS
Frequency Stability	15.225(e)	ANSI C63.10-2020 Section 6.8	Clause 4.4	PASS
Field Strength of Fundamental Emissions	15.225(a)(b)(c)	ANSI C63.10-2020 Section 6.4.7	Clause 4.5	PASS
Radiated Spurious Emissions	15.225(d)/15.209	ANSI C63.10-2020 Section 6.4/6.5	Clause 4.6	PASS

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3 General Information

3.1 Details of Client

Applicant:	Guangdong OPPO Mobile Telecommunications Corp., Ltd.
Address of Applicant:	NO.18 Haibin Road, Wusha Village, Chang'an Town, Dongguan City, Guangdong, China
Manufacturer:	Guangdong OPPO Mobile Telecommunications Corp., Ltd.
Address of Manufacturer:	NO.18 Haibin Road, Wusha Village, Chang'an Town, Dongguan City, Guangdong, China

3.2 Test Location

Company:	SGS-CSTC Standards Technical Services (Xi'an) Co., Ltd.
Address:	1/F, Unit D, Building 1, Kanghong Orange Science Park, No.137, Keyuan 3rd Road, Fengdong New Town, Xi' an, Shaanxi China
Post code:	710086
Test engineer:	Jacky Xue

3.3 Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

•A2LA (Certificate No. 4854.01)

SGS-CSTC Standards Technical Services (Xi'an) Co., Ltd. is accredited by the American Association for Laboratory Accreditation(A2LA). Certificate No. 4854.01.

• Innovation, Science and Economic Development Canada

SGS-CSTC Standards Technical Services (Xi'an) Co., Ltd. has been recognized by ISED as an accredited testing laboratory.

CAB identifier: CN0095.

IC#: 25613.

• FCC –Designation Number: CN1337

SGS-CSTC Standards Technical Services (Xi'an) Co., Ltd. has been recognized as an accredited testing

laboratory.

Designation Number: CN1337.

Test Firm Registration Number: 917410



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3.4 General Description of EUT

EUT Description:	Mobile Phone
Model No.:	CPH2599
Trade Mark:	OPPO
Hardware Version:	11
Software Version:	ColosOS 14.0
Power Supply:	Li-ion polymer Battery(3.89V)
IMEI:	865055060029632
Operation Frequency:	13.56MHz
Modulation Type:	ASK
	Type A, B, F and V
NFC Type:	Remark: the EUT has been pre-scanned in NFC Type A, B, F and V. the worst type(Type A) was recorded in this report if no others remark in the test items.
Antenna Type:	Fixed Internal Antenna
Remark:	

As above information is provided and confirmed by the applicant. SGS is not liable to the accuracy, suitability, reliability or/and integrity of the information.



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3.5 Test Environment

Environment Parameter	96~98 kPa Selected Values During Tests					
Relative Humidity	40-60 % RH Ambient					
Value	Temperature(°C) Voltage(V)					
NTNV 22~25 3.89						
Remark: The extreme Voltage and extreme Temperature are refer to the test data of Frequency Stability.						

3.6 Description of Support Units

The EUT has been tested as an independent unit.



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4 Test results and Measurement Data

4.1 Antenna Requirement

Standard requirement: 47 CFR Part 15C Section 15.203

15.203 requirement:

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 a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

The antenna of the EUT are permanently attached.

4.2 Worst-case configuration and mode

The fundamental of the EUT was investigated under three orthogonal orlentations X, Y, and Z. The X orientation was determined to be the worst-case orientation.

In addition, Type A, B, F, and V at each supported data rate and with/without a tag were investigated to determine the worst case based on the highest power and spurious emissions. Type A, 106Kbps without tag was determined to be the worst case and therefore Type A, 106Kbps without tag was selected for all final tests.

Although these tests were performed ther than open area test site, adequate comparison measurements were confirmed against 30m open are test site. Therefore sufficient tests were made to demonstrate that the alternative site produces results that correlate with the ones of tests made in an ope field based on KDB 414788.



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4.3 AC Power Line Conducted Emissions

Test Requirement:	47 CFR Part 15C Section 15.207						
Test Method:	ANSI C63.10-2020 Sect	ion 6.2					
Test Frequency Range:	150kHz to 30MHz						
Limit:	Fraguenov rango(MHz)	Limit (d	BuV)				
	Frequency range(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 log	arithm of the frequency.					
Test Procedure:	The mains terminal di room.	sturbance voltage test was co	onducted in a shielded				
	, and the second						



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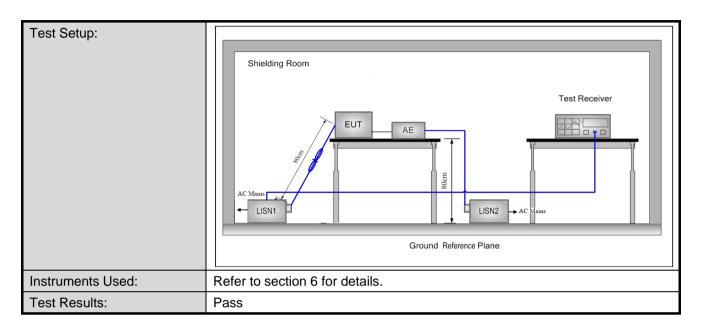
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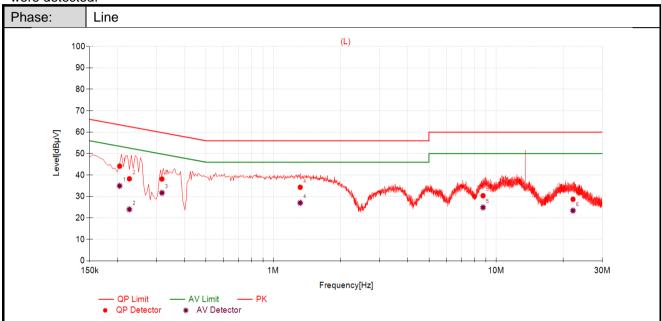
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Measurement Data

An initial pre-scan was performed on the live and neutral lines with peak detector.

Quasi-Peak and Average measurement were performed at the frequencies with maximized peak emission were detected.



Data I	Data List										
NO.	Frequency [MHz]	Factor [dB]	QP Reading [dBµV]	QP Value [dBµV]	QP Limit [dBµV]	QP Margin [dB]	AV Reading [dBµV]	AV Value [dBµV]	AV Limit [dBµV]	AV Margin [dB]	Verdict
1	0.2046	9.84	34.32	44.16	63.42	19.26	25.11	34.95	53.42	18.47	PASS
2	0.2263	9.86	28.39	38.25	62.59	24.34	14.13	23.99	52.59	28.60	PASS
3	0.3169	9.90	28.26	38.16	59.79	21.63	21.79	31.69	49.79	18.10	PASS
4	1.3224	9.83	24.47	34.30	56.00	21.70	17.19	27.02	46.00	18.98	PASS
5	8.7436	9.95	20.41	30.36	60.00	29.64	14.94	24.89	50.00	25.11	PASS
6	22.1503	10.29	18.43	28.72	60.00	31.28	13.13	23.42	50.00	26.58	PASS

Remark

- 1. The following Quasi-Peak and Average measurements were performed on the EUT:
- 2. Value =Reading[dBµV] + Factor(Lisn factor[dB] + cable loss[dB]).
- 3. Margin = Limit[$dB\mu V$] Value[$dB\mu V$]



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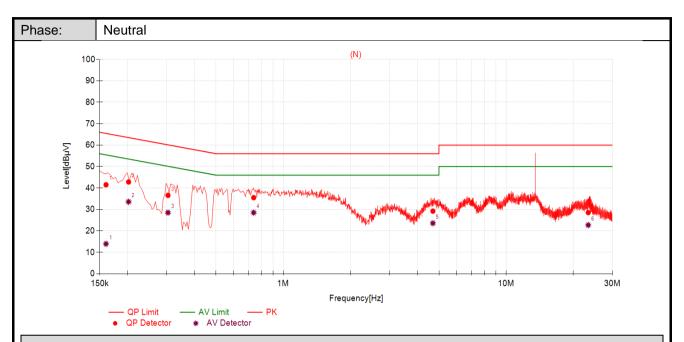
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Data	Data List										
NO.	Frequency [MHz]	Factor [dB]	QP Reading [dBµV]	QP Value [dBµV]	QP Limit [dBµV]	QP Margin [dB]	AV Reading [dBµV]	AV Value [dBµV]	AV Limit [dBµV]	AV Margin [dB]	Verdict
1	0.1603	9.79	31.72	41.51	65.45	23.94	4.16	13.95	55.45	41.50	PASS
2	0.2024	9.85	32.97	42.82	63.51	20.69	23.72	33.57	53.51	19.94	PASS
3	0.3041	9.78	26.79	36.57	60.13	23.56	18.72	28.50	50.13	21.63	PASS
4	0.7371	9.84	25.67	35.51	56.00	20.49	18.67	28.51	46.00	17.49	PASS
5	4.6971	9.98	19.24	29.22	56.00	26.78	13.60	23.58	46.00	22.42	PASS
6	23.3871	10.31	18.24	28.55	60.00	31.45	12.40	22.71	50.00	27.29	PASS

Remark:

- 1. The following Quasi-Peak and Average measurements were performed on the EUT:
- 2. Value =Reading[dB μ V] + Factor(Lisn factor[dB] + cable loss[dB]). 3. Margin = Limit[dB μ V] Value[dB μ V]



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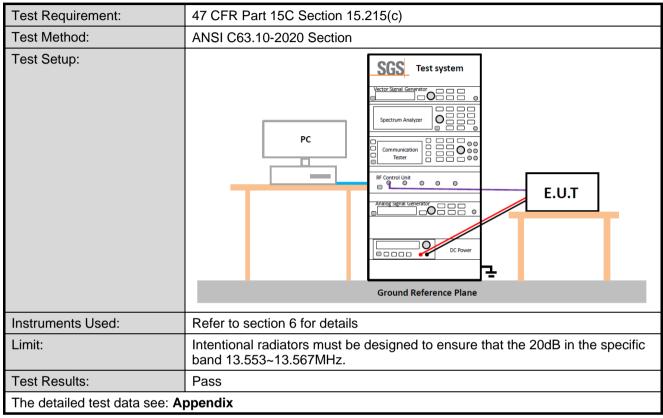


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4.4 20dB Spectrum Bandwidth





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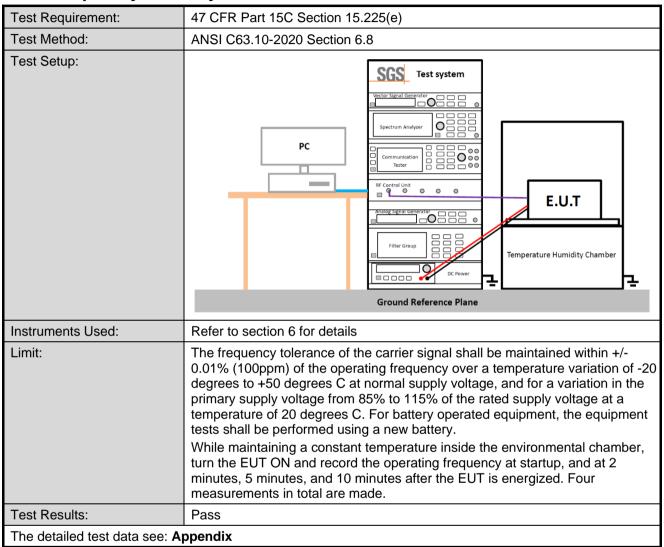


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4.5 Frequency Stability





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4.6 Field Strength of Fundamental Emissions

Test Requirement:	47 CFR Part 15C Section 15.225								
Test Method:	ANSI C63.10-2020 Section 6.4.7								
Test Site:	Measurement Distance:	3m (Semi-Anecho	ic Chamber)						
Limit:	Frequency	Field Strength (μ V/m) at 30m	Field Strength (dB μ V/m) at 30m	Field Strength (dB μ V/m) at 10m	Field Strength (dB μ V/m) at 3m				
	1.705~13.110 MHz	30	29.5	48.58	69.5				
	13.110-13.410 MHz	106	40.5	59.58	80.5				
	13.410-13.553 MHz	334	50.5	69.58	90.5				
	13.553-13.567 MHz	103.08	124.0						
	13.567-13.710 MHz 334 50.5 69.58								
	13.710-14.010 MHz	106	40.5	59.58	80.5				
	14.010~30.000 MHz	30	29.5	48.58	69.5				

Test Setup:

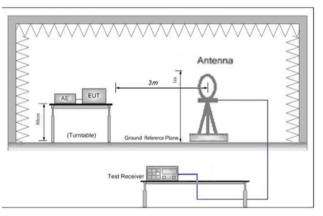


Figure 1. Below 30MHz

Test Procedure:

- a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 or 10 meter semi-anechoic camber. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 or 10 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- c. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters(for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.



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	The test receives were set to Deale Detect Function and Constitut					
	e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.					
	f. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, And found the X axis positioning which it is worse case.					
	g. Repeat above procedures until all frequencies measured was complete.					
	h. RBW set to 9kHz.					
Exploratory Test	Transmitting with modulation.					
Mode:	Charge + Transmitting mode.					
Final Test Mode:	Transmitting with modulation.					
	Pretest the EUT at Charge + Transmitting mode. Only the worst case is recorded in					
	the report.					
Instruments Used:	Refer to section 6 for details					
Test Results:	Pass					
The detailed test data see: Appendix						

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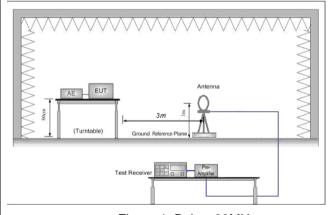
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4.7 Radiated Spurious Emissions

Test Requirement:	47 CFR Part 15C Section 15.209 and 15.225									
Test Method:	ANSI C63.10-2020 Section 6.4&6.5									
Test Site:	Measurement Distance:	3m (Semi-Anecho	ic Chamber))						
Limit:	Frequency	Field strength (microvolt/meter)	Limit (dBuV/m)	Remark	Measurement distance (m)					
	0.009MHz-0.490MHz	2400/F(kHz)	-	-	300					
	0.490MHz-1.705MHz	24000/F(kHz)	-	-	30					
	1.705MHz-30MHz	30	-	-	30					
	30MHz-88MHz	100	40.0	Quasi-peak	3					
	88MHz-216MHz	150	43.5	Quasi-peak	3					
	216MHz-960MHz	200	46.0	Quasi-peak	3					
	Above 960MHz	500	54.0	Quasi-peak	3					
	Remark: The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90kHz, 110-490kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation.									

Test Setup:



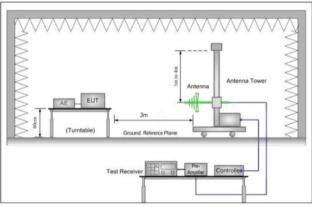


Figure 1. Below 30MHz

Figure 2. Above 30MHz

Test Procedure:

- i. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic camber. The table was rotated 360 degrees to determine the position of the highest radiation.
- j. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- k. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical



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	polarizations of the antenna are set to make the measurement.							
	I. For each suspected emission, the EUT was arranged to its worst case and then							
	the antenna was tuned to heights from 1 meter to 4 meters(for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.							
	m. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.							
	n. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, And found the X axis positioning which it is worse case.							
	o. Repeat above procedures until all frequencies measured was complete.							
Exploratory Test	Transmitting with modulation.							
Mode:	Charge + Transmitting mode.							
Final Test Mode:	Transmitting with modulation.							
	Pretest the EUT at Charge + Transmitting mode.Only the worst case is recorded in							
	the report.							
Instruments Used:	Refer to section 6 for details							
Test Results:	Pass							
The detailed test data	The detailed test data see: Appendix							

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5 Measurement Uncertainty (95% confidence levels, k=2)

		· ,		
No.	Item	Measurement Uncertainty		
1	Radio Frequency	± 1.0%		
2	Occupied Bandwidth	± 0.2%		
3	Conduction Emission	± 3.0dB (150kHz to 30MHz)		
4	Radiated Emission	± 4.6dB (9kHz to 30MHz)		
4	Radiated Emission	± 4.9dB (30MHz to 1GHz)		

Remark

The U_{lab} (lab Uncertainty) is less than U_{cispr/ETSI} (CISPR/ETSI Uncertainty), so the test results

- compliance is deemed to occur if no measured disturbance level exceeds the disturbance limit;

- non-compliance is deemed to occur if any measured disturbance level exceeds the disturbance limit.



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6 Equipment List

CE Test System									
Test Equipment	Manufacturer Model N		Inventory No.	Cal. date (yyyy/mm/dd)	Cal.Due date (yyyy/mm/dd)				
Shielding Room	Brilliant-emc	N/A	XAW04-03-01	N/A	N/A				
Test receiver	ROHDE&SCHWARZ	ESR	XAW01-08-01	2023/08/30	2024/08/29				
Artificial network	ROHDE&SCHWARZ	ENV216	XAW01-04-01	2023/06/30	2024/06/29				
Temperature and humidity meter	MingGao	TH101B	XAW01-01-02	2023/08/30	2024/08/29				
Measurement Software	Tonscend	TS+ V4.0.0.0	XAW02-07-01	NCR	NCR				
Radio communication analyzer	ROHDE&SCHWARZ	CMW 500	XAW01-03-02	2023/02/16	2024/02/15				
Artificial network	ROHDE&SCHWARZ	ENV216	XAW01-04-02	2023/06/30	2024/06/29				



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Test System										
Test Equipment	Manufacturer	Manufacturer Model No.		Cal. date (yyyy/mm/dd)	Cal.Due date (yyyy/mm/dd)					
Semi-Anechoic Chamber	Brilliant-emc	N/A	XAW03-35-01	2021/09/09	2024/09/08					
MXA signal analyzer	Keysight	N9020A	XAW01-06-01	2023/02/16	2024/02/15					
Spectrum Analyzer	ROHDE& SCHWARZ	FSV3044	XAW01-13-05	2023/05/15	2024/05/14					
Test receiver	ROHDE& SCHWARZ	ESR	XAW01-08-01	2023/08/30	2024/08/29					
Receiving antenna (30MHz-3GHz)	Schwarzbeck	VULB 9163	XAW01-09-01	2022/07/28	2024/07/27					
Directional antenna rack controller	Max-Full	MF-7802BS	XAW03-03-01	NCR	NCR					
High-speed antenna rack controller	Max-Full	MF-7802	XAW03-04-01	NCR	NCR					
Filter bank	Tonscend	JS0806-F	XAW03-05-01	NCR	NCR					
Filter bank	Tonscend	JS0806s	XAW03-05-02	NCR	NCR					
Amplifier	Tonscend	TAP9K3G32	XAW01-41-01	2023/05/15	2024/05/14					
Temperature and humidity meter	MingGao	TH101B	XAW01-01-02	2023/09/04	2024/09/03					
Measurement Software	Tonscend	TS+ V4.0.0.0	XAW02-05-01	NCR	NCR					
Temperature Chamber	Votsch	VT4002	XAW01-18-01	2023/02/16	2024/02/15					
Loop Antenna	Schwarzbeck	FMZB 1519B	XAW01-48-02	2022/05/26	2024/05/25					



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7 Photographs - Setup Photos

Refer to Appendix A.4 NFC Setup Photos.



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Appendix



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20dB Bandwidth



Note:

Because the measured signal is CW or CW-like adjusting the RBW per C63.10 would not be practical since measured bandwidth will always follow the RBW and the result will be approximately twice the RBW.



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Frequency tolerance

Declared Fre	equency (MHz)		13.56MHz						
Startup									
Temperature (°C)	Voltage(VDC)	Measurement Frequency(MHz)	Frequency Tolerance (%)	Limit (%)	Result				
50		13.560572	-0.004218		Pass				
40		13.560609	-0.004491		Pass				
30		13.560578	-0.004263		Pass				
20	3.89	13.560603	-0.004447		Pass				
10	3.69	13.560589	-0.004344	±0.01	Pass				
0		13.560586	-0.004322	10.01	Pass				
-10		13.560599	-0.004417		Pass				
-20		13.560583	-0.004299		Pass				
20	4.48	13.560588	-0.004336		Pass				
20	3.60	13.560611	-0.004506		Pass				

Declared Frequency (MHz)			13.56MHz						
2mins									
Temperature (°C)	\/oltage(\/)(:)		asurement uency(MHz)	Frequency Tolerance (%) Limit (%)		Result			
50		13	3.560548	-0.004041		Pass			
40		13	3.560692	-0.005103		Pass			
30		13	3.560558	-0.004115	.0.04	Pass			
20	2.00	13	3.560559	-0.004122		Pass			
10	3.89	13	3.560587	-0.004329		Pass			
0		13	3.560559	-0.004122	±0.01	Pass			
-10		13	3.560574	-0.004233		Pass			
-20		13	3.560592	-0.004366		Pass			
20	4.48	13	3.560558	-0.004115		Pass			
20	3.60	13	3.560613	-0.004521		Pass			



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Declared Fre	equency (MHz)		13.56MHz						
5mins									
Temperature (°C)	Voltage(VDC)	Measurement Frequency(MHz)	Frequency Tolerance (%)	Limit (%)	Result				
50		13.560584	-0.004307		Pass				
40		13.560593	-0.004373		Pass				
30		13.560588	-0.004336		Pass				
20	2.00	13.560591	-0.004358		Pass				
10	3.89	13.560603	-0.004447	±0.01	Pass				
0		13.560574	-0.004233	10.01	Pass				
-10		13.560588	-0.004336		Pass				
-20		13.560583	-0.004299		Pass				
20	4.48	13.560579	-0.004270		Pass				
20	3.60	13.560581	-0.004285		Pass				

Declared Fre	equency (MHz)		13.56MHz						
10mins									
Temperature (°C)	Voltage(VDC)	Measurement Frequency(MHz)	Frequency Tolerance (%)	Limit (%)	Result				
50		13.560574	-0.004233		Pass				
40		13.560582	-0.004292		Pass				
30		13.560605	-0.004462		Pass				
20	2.00	13.560612	-0.004513		Pass				
10	3.89	13.560613	-0.004521	±0.01	Pass				
0		13.560589	-0.004344	±0.01	Pass				
-10		13.560612	-0.004513		Pass				
-20		13.560594	-0.004381		Pass				
20	4.48	13.560602	-0.004440		Pass				
20	3.60	13.560611	-0.004506		Pass				



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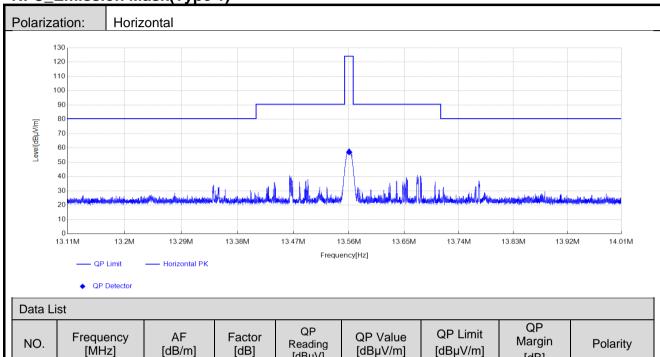
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Field Strength of Fundamental Emissions

NFC_Emission Mask(Type 1)



[dBµV]

36.5

57.00

1 Remark:

1. The Quasi-Peak measurements were performed on the EUT.

20.23

[dB]

0.27

- 2. Value = Reading + Antenna Factor + Factor.
- 3. Factor=Cable loss.

13.5605



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www.sqsqroup.com.cn sgs.china@sgs.com

[dB]

67.00

Horizontal

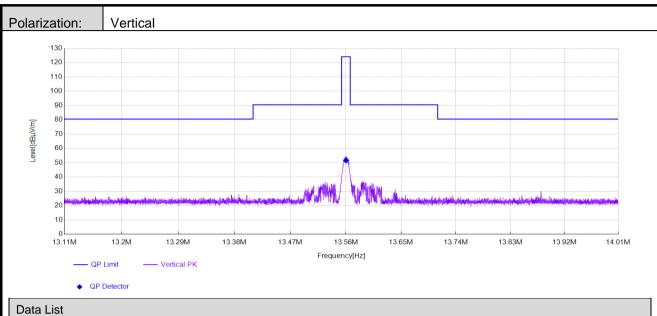
124.00



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Data List										
NO.	Frequency [MHz]	AF [dB/m]	Factor [dB]	QP Reading [dBµV]	QP Value [dBμV/m]	QP Limit [dBµV/m]	QP Margin [dB]	Polarity		
1	13.5603	20.23	0.27	31.1	51.60	124.00	72.40	Vertical		

Remark

- 1. The Quasi-Peak measurements were performed on the EUT.
- 2. Value = Reading + Antenna Factor + Factor.
- 3. Factor=Cable loss.



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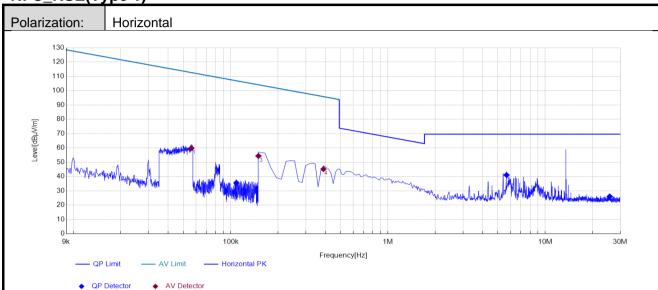
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Radiated Spurious Emissions

NFC_RSE(Type 1)



Data Li	Data List									
NO.	Frequency [MHz]	AF [dB/m]	Factor [dB]	QP Reading [dBµV]	QP Value [dBµV/m]	QP Limit [dBµV/m]	QP Margin [dB]	Polarity		
2	0.1086	20.38	0.05	15.11	35.54	106.88	71.34	Horizontal		
5	5.675	20.17	0.23	20.65	41.05	69.54	28.49	Horizontal		
6	25.6845	20.17	0.68	5.2	26.05	69.54	43.49	Horizontal		
NO.	Frequency [MHz]	AF [dB/m]	Factor [dB]	AV Reading [dBµ]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Polarity		
1	0.0562	19.92	0.04	39.83	59.79	112.60	52.81	Horizontal		
3	0.15	20.10	0.05	34.2	54.35	104.08	49.73	Horizontal		
4	0.3889	19.96	0.02	25.2	45.18	95.81	50.63	Horizontal		

Remark:

- 1. The Quasi-Peak measurements were performed on the EUT.
- 2. Value = Reading + Antenna Factor + Factor.
- 3. Factor=Cable loss.



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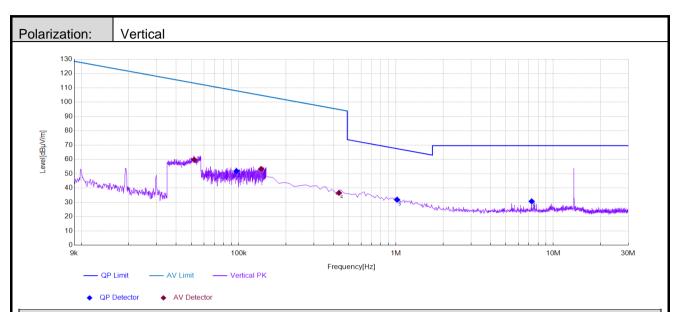
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Data List								
NO.	Frequency [MHz]	AF [dB/m]	Factor [dB]	QP Reading [dBµV]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]	Polarity
2	0.0967	20.20	0.05	31.53	51.78	107.89	56.11	Vertical
5	1.0161	19.80	0.05	11.95	31.80	67.47	35.67	Vertical
6	7.2877	20.10	0.20	10.37	30.67	69.54	38.87	Vertical
NO.	Frequency [MHz]	AF [dB/m]	Factor [dB]	AV Reading [dBµ]	AV Value [dBμV/m]	AV Limit [dΒμV/m]	AV Margin [dB]	Polarity
1	0.0521	19.84	0.04	39.91	59.79	113.26	53.47	Vertical
3	0.1388	20.16	0.05	33.1	53.31	104.75	51.44	Vertical
4	0.4337	19.94	0.02	16.59	36.55	94.86	58.31	Vertical

Remark:

- 1. The Quasi-Peak measurements were performed on the EUT.
- 2. Value = Reading + Antenna Factor + Factor.
- 3. Factor=Cable loss.



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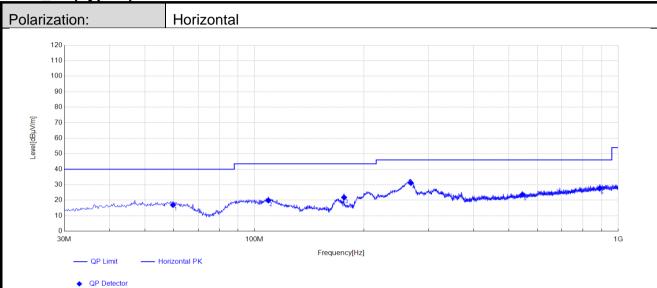


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NFC_RE(Type 1)



Data List								
NO.	Frequency [MHz]	AF [dB/m]	Factor [dB]	QP Reading [dBµV]	QP Value [dBµV/m]	QP Limit [dBµV/m]	QP Margin [dB]	Polarity
1	59.6879	12.43	-27.26	31.78	16.95	40.00	23.05	Horizontal
2	109.1678	11.68	-26.58	34.78	19.88	43.50	23.62	Horizontal
3	176.3053	9.27	-26.25	38.8	21.82	43.50	21.68	Horizontal
4	269.0558	12.56	-25.20	43.76	31.12	46.00	14.88	Horizontal
5	544.979	17.90	-24.44	30.22	23.68	46.00	22.32	Horizontal
6	888.2336	22.03	-22.96	28.47	27.54	46.00	18.46	Horizontal

Remark:

- 1. The Quasi-Peak measurements were performed on the EUT.
- 2. Final Value Level = Reading + Antenna Factor + Factor.
- 3. Factor=Cable loss Preamplifier Factor.



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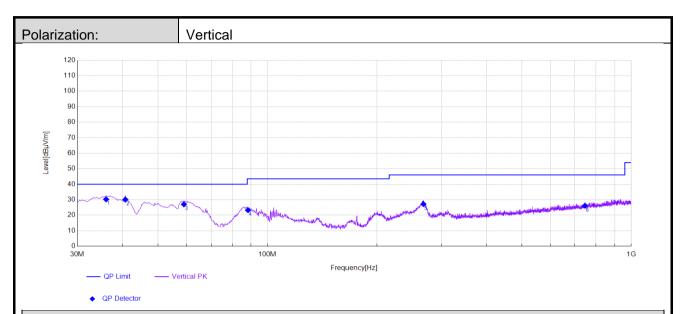
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Data List								
NO.	Frequency [MHz]	AF [dB/m]	Factor [dB]	QP Reading [dBµV]	QP Value [dBµV/m]	QP Limit [dBµV/m]	QP Margin [dB]	Polarity
1	36.0152	11.80	-27.74	46.2	30.26	40.00	9.74	Vertical
2	40.6721	13.30	-27.66	44.48	30.12	40.00	9.88	Vertical
3	58.9118	12.53	-27.28	41.78	27.03	40.00	12.97	Vertical
4	88.4057	9.46	-27.14	40.93	23.25	43.50	20.25	Vertical
5	268.2797	12.53	-25.25	39.91	27.19	46.00	18.81	Vertical
6	745.8092	20.18	-23.30	29.24	26.12	46.00	19.88	Vertical

Remark:

- 1. The Quasi-Peak measurements were performed on the EUT.
- 2. Final Value Level = Reading + Antenna Factor + Factor.
- 3. Factor=Cable loss Preamplifier Factor.

---End of Report---



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