

Report No.: SEWM2305000166RG07

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TEST REPORT

Application No.: SEWM2305000166RG

Applicant: vivo Mobile Communication Co., Ltd.

Address of Applicant: No.1, vivo Road, Chang'an, Dongguan, Guangdong, China

Manufacturer: vivo Mobile Communication Co., Ltd.

Address of Manufacturer: No.1, vivo Road, Chang'an, Dongguan, Guangdong, China

EUT Description: Mobile Phone

Model No.: V2250
Trade Mark: vivo

FCC ID: 2AUCY-V2250

Standards: FCC 47 CFR Part 15, Subpart C 15.225

Date of Receipt: 2023/05/12

Date of Test: 2023/05/23 to 2023/06/05

Date of Issue: 2023/06/05

Test Result : PASS *

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

Authorized Signature:

Panta Sun Wireless Laboratory Manager



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1 Version

Revision Record						
Version Chapter Date Modifier Remai						
01		2023/06/05		Original		

Prepared By	(Ives Cheng) / Test Engineer
Checked By	(Well Wei) / 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:	vivo Mobile Communication Co., Ltd.
Address of Applicant:	No.1, vivo Road, Chang'an, Dongguan,Guangdong,China
Manufacturer:	vivo Mobile Communication Co., Ltd.
Address of Manufacturer:	No.1, vivo Road, Chang'an, Dongguan,Guangdong,China

3.2 Test Location

Company:	SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.
Address:	South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone
Post code:	215000
Test engineer:	Ives Cheng, King-p Li

3.3 Test Facility

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

• A2LA (Certificate No. 6336.01)

SGS-CSTC STANDARDS TECHNICAL SERVICES (SUZHOU) CO., LTD. is accredited by the American Association for Laboratory Accreditation(A2LA). Certificate No. 6336.01.

• Innovation, Science and Economic Development Canada

SGS-CSTC STANDARDS TECHNICAL SERVICES (SUZHOU) CO., LTD. has been recognized by ISED as an accredited testing laboratory.

CAB identifier: CN0120.

IC#: 27594.

• FCC -Designation Number: CN1312

SGS-CSTC STANDARDS TECHNICAL SERVICES (SUZHOU) CO., LTD. has been recognized as an

accredited testing laboratory. Designation Number: CN1312.

Test Firm Registration Number: 717327



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3.4 General Description of EUT

EUT Description:	Mobile Phone	Mobile Phone					
Model No.:	V2250	2250					
Trade Mark:	vivo						
Hardware Version:	MP_0.1						
Software Version:	PD2283F_EX_A_13.0.6	PD2283F_EX_A_13.0.6.14.W30					
	RF Conducted	868007060199631					
IMEI:	RSE & AC power line	IMEI1: 868007060199631 IMEI2: 868007060199623					
Operation Frequency:	13.56MHz						
	Type A, B, F and V						
NFC Type: Remark: the EUT has been pre-scanned in NFC Type A, B, F and V. the wors type(Type F) was recorded in this report if no others remark in the test items.							
Modulation Type:	ASK						
Antenna Type:	Loop 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	101.0 kPa Selected Values During Tests					
Relative Humidity	44-46 % RH Ambient					
Value	Temperature(°C) Voltage(V)					
NTNV 22~23 3.91						
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 orientations X, Y, and Z. The Z 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 F, 106Kbps without tag was determined to be the worst case and therefore Type F, 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 prduces 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 Section 6.2						
Test Frequency Range:	150kHz to 30MHz						
Limit:	Frequency range(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				
	 room. 2) The EUT was connected to AC power source through a LISN 1 (Line Impedance Stabilization Network) which provides a 50Ω/50μH + 5Ω linear impedance. The power cables of all other units of the EUT were connected to a second LISN 2, which was bonded to the ground reference plane in the same way as the LISN 1 for the unit being measured. A multiple socket outlet strip was used to connect multiple power cables to a single LISN provided the rating of the LISN was not exceeded. 3) The tabletop EUT was placed upon a non-metallic table 0.8m above the ground reference plane. And for floor-standing arrangement, the EUT was placed on the horizontal ground reference plane. 4) The test was performed with a vertical ground reference plane. The rear of the EUT shall be 0.4 m from the vertical ground reference plane. The vertical ground reference plane was bonded to the horizontal ground reference plane. The LISN 1 was placed 0.8 m from the boundary of the unit under test and bonded to a ground reference plane for LISNs mounted on top of the ground reference plane. This distance was between the closest points of the LISN 1 and the EUT. All other units of the EUT and associated equipment was at least 0.8 m from the LISN 2. 5) In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to 						



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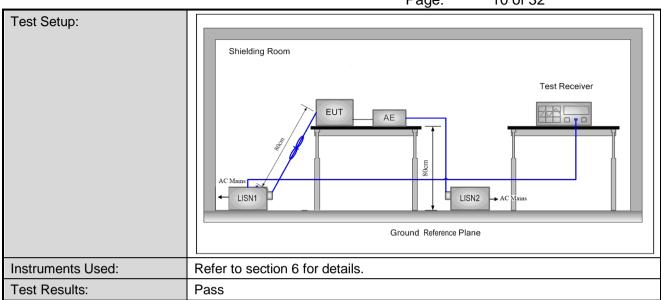
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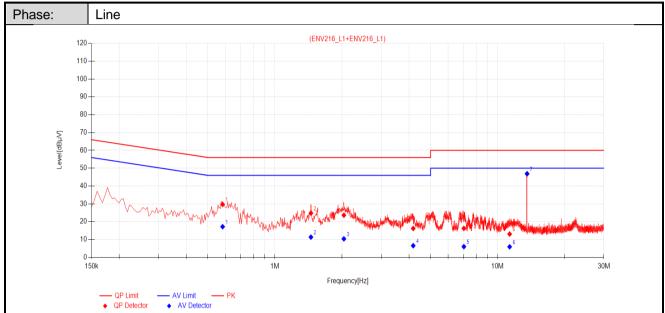
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Measurement Data

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	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	0.5820	11.62	18.07	29.69	56.00	26.31	5.58	17.20	46.00	28.80	PASS
2	1.4505	11.72	13.08	24.80	56.00	31.20	-0.35	11.37	46.00	34.63	PASS
3	2.0400	11.73	11.91	23.64	56.00	32.36	-1.34	10.39	46.00	35.61	PASS
4	4.1775	11.77	4.46	16.23	56.00	39.77	-5.22	6.55	46.00	39.45	PASS
5	7.0530	11.89	4.36	16.25	60.00	43.75	-5.87	6.02	50.00	43.98	PASS
6	11.3235	11.88	1.20	13.08	60.00	46.92	-5.95	5.93	50.00	44.07	PASS
7	13.56	11.91	34.97	46.88	60.00	13.12	34.97	46.88	50.00	3.12	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[$dB\mu V$]



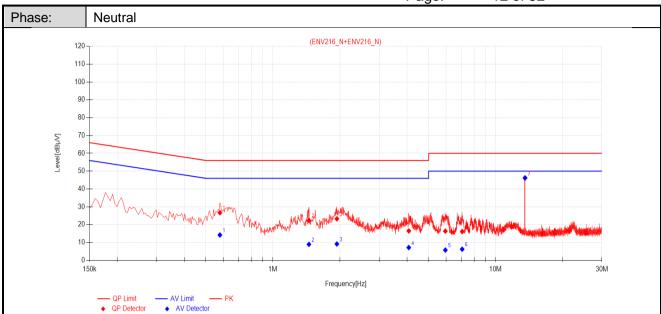
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Data List											
NO.	Frequency [MHz]	Factor [dB]	QP Reading [dBµV]	QP Value [dBµV]	QP Limit [dBµV]	QP Margin [dB]	AV Reading [dBµV]	AV Value [dBµV]	AV Limit [dBµV]	AV Margin [dB]	Verdict
1	0.5775	11.62	15.09	26.71	56.00	29.29	2.59	14.21	46.00	31.79	PASS
2	1.4505	11.72	10.62	22.34	56.00	33.66	-2.77	8.95	46.00	37.05	PASS
3	1.9365	11.74	11.55	23.29	56.00	32.71	-2.57	9.17	46.00	36.83	PASS
4	4.0740	11.77	4.71	16.48	56.00	39.52	-4.60	7.17	46.00	38.83	PASS
5	5.9460	11.84	4.54	16.38	60.00	43.62	-6.09	5.75	50.00	44.25	PASS
6	7.0755	11.89	4.25	16.14	60.00	43.86	-5.65	6.24	50.00	43.76	PASS
7	13.5555	11.91	34.36	46.27	60.00	13.73	34.26	46.17	50.00	3.83	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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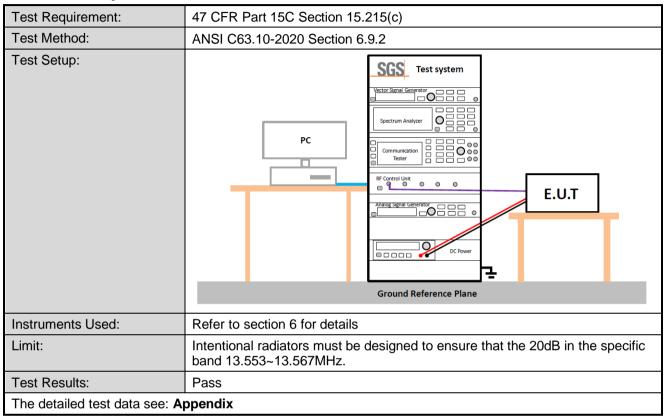


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4.4 20dB Spectrum Bandwidth





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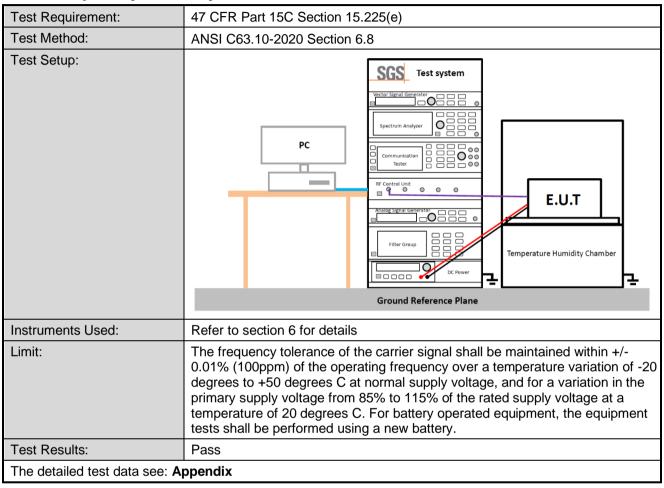


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4.5 Frequency Stability





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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 (μV/m) at 30m	Field Strength (dBµV/m) at 30m	Field Strength (dBµV/m) at 10m	Field Strength (dBµV/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	15,848	84.0	103.08	124.0					
	13.567-13.710 MHz	334	50.5	69.58	90.5					
	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:

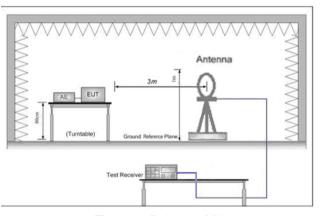


Figure 1. Below 30MHz

Test P	rocedure:	
--------	-----------	--

- 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.
- The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.



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	: age:
	 f. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, And found the Z axis positioning which it is worse case. g. Repeat above procedures until all frequencies measured was complete. h. RBW set to 9kHz.
Exploratory Test Mode:	Transmitting with modulation. 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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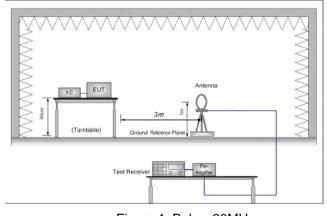
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4.7 Radiated Spurious Emissions

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 (dBuV/m) Field strength (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:



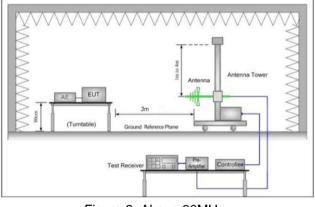


Figure 1. Below 30MHz

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 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



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	<u> </u>
	 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 Z axis positioning which it is worse case.
	o. Repeat above procedures until all frequencies measured was complete.
Exploratory Test Mode:	Transmitting with modulation. 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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5 Measurement Uncertainty (95% confidence levels, k=2)

		· · · · · · · · · · · · · · · · · · ·
No.	Item	Measurement Uncertainty
1	Radio Frequency	±1.0 %
2	Occupied Bandwidth	±1.0 %
3	Conduction Emission	± 2.90dB (150kHz to 30MHz)
4	Dadieted Emissies	± 3.13dB (9k to 30MHz)
4	Radiated Emission	± 4.8dB (30M to 1GHz)

Remark:

The Ulab (lab Uncertainty) is less than Ucispr/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

RF Test Equipment							
Test Equipment	Manufacturer	Model No.	Inventory No.	Cal. date (yyyy/mm/dd)	Cal.Due date (yyyy/mm/dd)		
Shielding Room	Brilliant-emc	N/A	SUWI-04-01-06	2021/05/08	2024/05/07		
Temperature and humidity meter	MingGao	TH101B	SUWI-01-01-07	2023/02/06	2024/02/05		
Measurement Software	Tonscend	JS1120-3 Test System V3.1.55	SUWI-02-09-09	NCR	NCR		
Signal Analyzer	ROHDE& SCHWARZ	FSW43	SUWI-01-02-04	2023/05/11	2024/05/10		
Wideband Radio Communication Tester	ROHDE& SCHWARZ	CMW500	SUWI-01-16-05	2023/02/06	2024/02/05		
DC Power Supply	HYELEC	HY3005B	SUWI-01-18-01	2023/02/06	2024/02/05		
Power meter	Anritsu	ML2495A	SUWI-01-31-01	2022/11/23	2023/11/22		
Pulse power sensor	Anritsu	MA2411B	SUWI-01-32-01	2022/11/23	2023/11/22		
MXG Vector signal genitor	KEYSIGHT	N5182B	SUWI-01-38-01	2023/02/06	2024/02/05		
Temperature Chamber	ESPEC	SU-242	SUWI-01-13-01	2023/02/06	2024/02/05		
Signal Generator	ROHDE&SCHWARZ	SMM100A	SUWI-01-07-04	2023/02/22	2024/02/21		

Conduction Test Equipment							
Test Equipment	Manufacturer	Model No.	Inventory No.	Cal. date (yyyy/mm/dd)	Cal.Due date (yyyy/mm/dd)		
Test receiver	ROHDE&SCHWARZ	ESR7	SUWI-01-10-01	2023/02/08	2024/02/07		
Temperature and humidity meter	MingGao	TH101B	SUWI-01-01-06	2023/02/07	2024/02/06		
Artificial network	ROHDE&SCHWARZ	ENV216	SUWI-01-19-03	2023/02/08	2024/02/07		
Artificial network	ROHDE&SCHWARZ	ENV216	SUWI-01-19-04	2023/02/08	2024/02/07		
Measurement Software	Tonscend	JS32-CE V4.0.0.2	SUWI-02-09-05	NCR	NCR		



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			ı ago:					
	RSE Test System							
Test Equipment	Manufacturer	Model No.	Inventory No.	Cal. date (yyyy/mm/dd)	Cal.Due date (yyyy/mm/dd)			
Semi- Anechoic Chamber	Brilliant-emc	N/A	SUWI-04-02-01	2021/05/08	2024/05/07			
Temperature and humidity meter	MingGao	TH101B	SUWI-01-01-05	2023/02/07	2024/02/06			
Test receiver	ROHDE&SCHWARZ	ESR7	SUWI-01-10-01	2023/02/08	2024/02/07			
Receiving antenna	SCHWRZBECK MESS-ELEKTRONIK	VULB 9163	SUWI-01-11-01	2023/05/13	2024/05/12			
Active Loop Antenna	SCHWRZBECK MESS-ELEKTRONIK	FMZB 1519B	SUWI-01-21-01	2023/05/13	2024/05/12			
Amplifier	Tonscend	TAP9K3G40	SUWI-01-14-01	2023/02/06	2024/02/05			
Measurement Software	Tonscend	JS32-RE V4.0.0.0	SUWI-02-09-04	NCR	NCR			



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7 Photographs - Setup Photos

Refer to Appendix A.4 NFC Setup Photos.



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Appendix



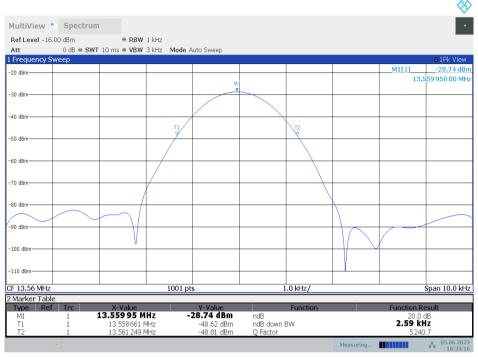
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20dB Bandwidth



16:33:17 05.06.2023

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)		13.56	MHz	
		Startu)		
Temperature (°C)	Voltage(VDC)	Measurement Frequency(MHz)	Frequency Tolerance (%)	Limit (%)	Result
50		13.55996	0.0003		Pass
40		13.55998	0.0001		Pass
30	3.91	13.55996	0.0003		Pass
20		13.55995	0.0004		Pass
10		13.55995	0.0004	±0.01	Pass
0		13.55997	0.0002	1 ±0.01	Pass
-10		13.55995	0.0004		Pass
-20		13.55996	0.0003		Pass
20	4.50	13.55996	0.0003		Pass
20	3.60	13.55995	0.0004		Pass

Declared Fre	equency (MHz)		13.56N	ИHz		
2mins						
Temperature (°C)	Voltage(VDC)	Measurement Frequency(MHz)	Frequency Tolerance (%)	Limit (%)	Result	
50		13.55998	0.0001		Pass	
40		13.55996	0.0003		Pass	
30	3.91	13.55995	0.0004		Pass	
20		13.55997	0.0002		Pass	
10		13.55995	0.0004	±0.01	Pass	
0		13.55997	0.0002	10.01	Pass	
-10		13.55998	0.0001		Pass	
-20		13.55996	0.0003		Pass	
20	4.50	13.55996	0.0003		Pass	
20	3.60	13.55995	0.0004		Pass	



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			i agc.	20 01 32		
Declared Frequency (MHz)			13.56N	ИHz		
	5mins					
Temperature (°C)	Voltage(VDC)	Measurement Frequency(MHz)	Frequency Tolerance (%)	Limit (%)	Result	
50		13.55997	0.0002		Pass	
40		13.55998	0.0001		Pass	
30		13.55995	0.0004		Pass	
20	3.91	13.55998	0.0001		Pass	
10		13.55995	0.0004	10.01	Pass	
0		13.55997	0.0002	±0.01	Pass	
-10		13.55995	0.0004		Pass	
-20		13.55996	0.0003		Pass	
20	4.50	13.55995	0.0004		Pass	
20	3.60	13.55996	0.0003		Pass	

Declared Fre	equency (MHz)		13.56MHz			
10mins						
Temperature (°C)	Voltage(VDC)	Measurement Frequency(MHz)	Frequency Tolerance (%)	Limit (%)	Result	
50		13.55998	0.0001		Pass	
40		13.55997	0.0002		Pass	
30	3.91	13.55998	0.0001		Pass	
20		13.55994	0.0004		Pass	
10		13.55995	0.0004	±0.01	Pass	
0		13.55997	0.0002	10.01	Pass	
-10		13.55995	0.0004		Pass	
-20		13.55996	0.0003		Pass	
20	4.50	13.55995	0.0004		Pass	
20	3.60	13.55996	0.0003		Pass	



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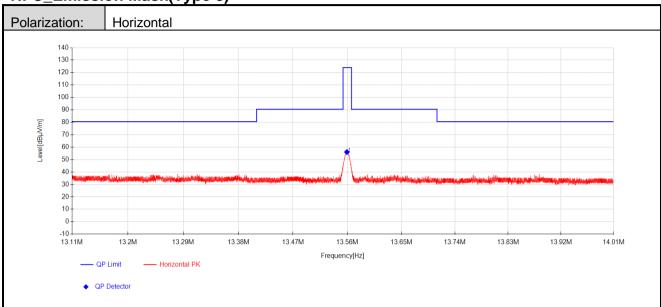


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Field Strength of Fundamental Emissions

NFC_Emission Mask(Type 3)



Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	QP Value [dBµV/m]	QP Limit [dBµV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Polarity
1	13.5594	35.56	19.80	0.69	56.05	124.00	67.95	100	339	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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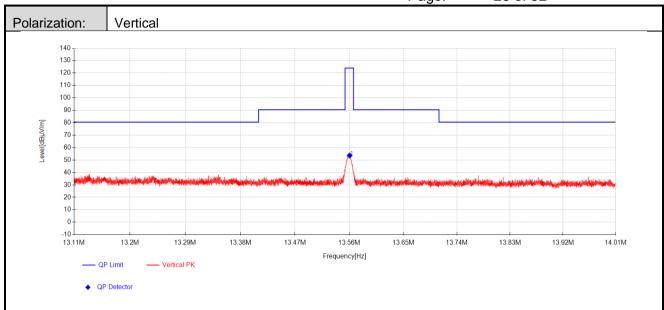
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Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	QP Value [dBµV/m]	QP Limit [dBµV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Polarity
1	13.5606	33.16	19.80	0.69	53.65	124.00	70.35	100	164	Vertical

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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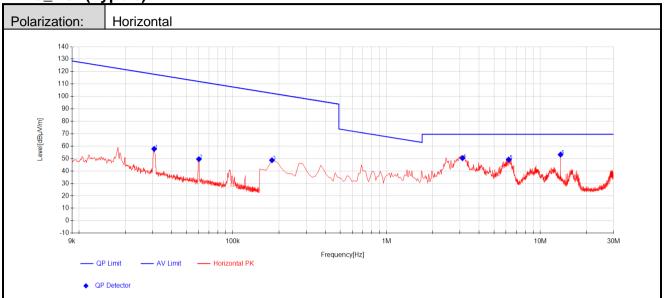
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Radiated Spurious Emissions

NFC_RSE(Type 3)



Data	Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	QP Value [dBµV/m]	QP Limit [dBµV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Polarity	
1	0.0308	37.25	20.10	0.43	57.78	117.83	60.05	100	265	Horizontal	
2	0.0602	28.96	20.15	0.43	49.54	112.01	62.47	100	357	Horizontal	
3	0.1799	27.96	20.29	0.43	48.68	102.50	53.82	100	263	Horizontal	
4	3.1216	30.03	19.80	0.49	50.32	69.54	19.22	100	346	Horizontal	
5	6.2424	28.65	19.99	0.55	49.18	69.54	20.36	100	58	Horizontal	
6	13.5594	32.69	19.80	0.69	53.18	69.54	16.36	100	164	Horizontal	

Remark:

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



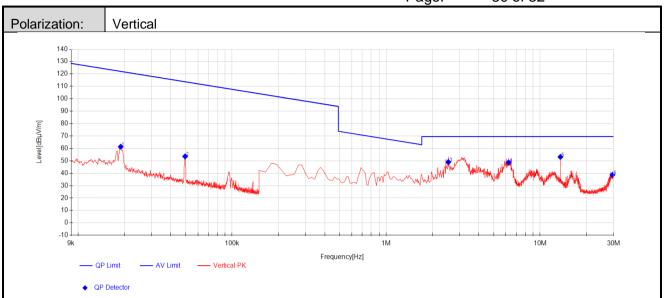
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Data	Data List											
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	QP Value [dBµV/m]	QP Limit [dBµV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Polarity		
1	0.0189	40.92	19.99	0.43	61.34	122.07	60.73	100	180	Vertical		
2	0.0495	33.01	20.10	0.43	53.54	113.71	60.17	100	272	Vertical		
3	2.5392	28.69	19.82	0.48	48.99	69.54	20.55	100	102	Vertical		
4	6.2424	28.14	19.99	0.55	48.67	69.54	20.87	100	225	Vertical		
5	13.5594	32.64	19.80	0.69	53.13	69.54	16.41	100	159	Vertical		
6	29.5072	17.68	19.90	0.99	38.57	69.54	30.97	100	354	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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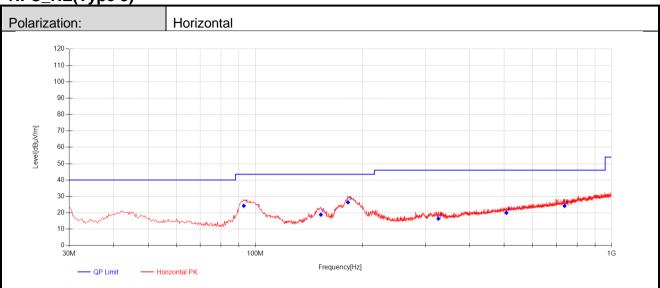
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NFC_RE(Type 3)



Data	List									
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	QP Value [dBµV/m]	QP Limit [dBµV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Polarity
1	92.8075	51.03	14.92	-41.69	24.26	43.50	19.24	142	111	Horizontal
2	152.705	41.32	18.41	-40.89	18.84	43.50	24.66	265	282	Horizontal
3	182.0475	51.02	16.37	-41.01	26.38	43.50	17.12	285	304	Horizontal
4	326.5775	37.21	19.24	-40.04	16.42	46.00	29.58	254	269	Horizontal
5	506.755	35.21	23.52	-38.76	19.97	46.00	26.03	142	360	Horizontal
6	738.3425	34.62	27.14	-37.58	24.18	46.00	21.82	263	319	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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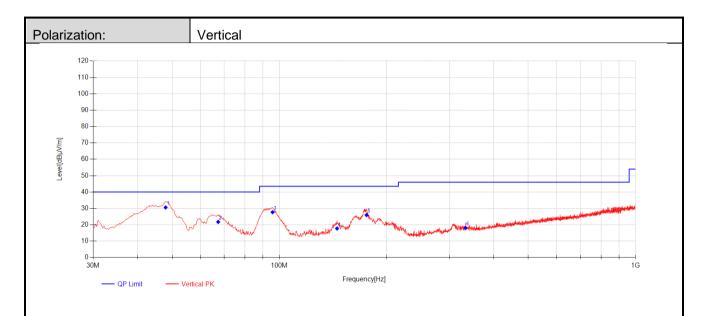
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Data	Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	QP Value [dBµV/m]	QP Limit [dBµV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Polarity	
1	47.945	53.65	19.30	-42.37	30.59	40.00	9.41	142	290	Vertical	
2	67.345	46.32	17.55	-42.12	21.75	40.00	18.25	265	350	Vertical	
3	95.7175	54.21	15.16	-41.68	27.69	43.50	15.81	285	139	Vertical	
4	145.1875	40.36	18.52	-41.15	17.74	43.50	25.76	254	350	Vertical	
5	175.7425	50.02	16.88	-40.98	25.93	43.50	17.57	142	320	Vertical	
6	332.8825	38.62	19.42	-39.98	18.06	46.00	27.94	263	350	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.

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