



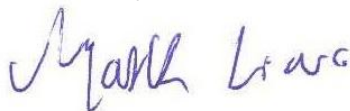
RADIO TEST REPORT

Applicant : ELO TOUCH SOLUTIONS, INC.
Address : 670 N. McCarthy Blvd., Suite 100 Milpitas, CA
95035 USA
Equipment : USBC-POS-STAND
Model No. : KIT Z30-POS-STAND-CFD-GEN2-15-NFC
Trade Name : Elo or 
FCC ID : RBWZ30N

I HEREBY CERTIFY THAT :

The sample was received on Oct. 16, 2025 and the testing was completed on Dec. 30, 2025 at CerpPASS Technology Corp. The test result refers exclusively to the test presented test model / sample. Without written approval of CerpPASS Technology Corp., the test report shall not be reproduced except in full.

Approved by:



Mark Liao / Supervisor

Laboratory Accreditation:

CerpPASS Technology Corporation Test Laboratory





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History of this test report

Report No.	Issued Date	Description
25100197-TRFCC01	Jan. 20, 2026	Original



1. Summary of Test Procedure and Test Results

1.1. Applicable Standards

ANSI C63.10-2020+Cor.1-2023+C63.10a-2024+Errata to C63.10a-2024

FCC Rules and Regulations Part 15 Subpart C §15.225

FCC Rule	Description of Test	Result
15.203	Antenna Requirement	PASS
15.207	AC Power Line Conducted Emission	PASS
15.209 15.225	Radiated Emission	PASS
15.225	20dB Bandwidth	PASS
15.225(e)	Frequency Stability	PASS

*The lab has reduced the uncertainty risk factor from test equipment, environment and staff technicians which according to the standard on contract. Therefore, the test result will only be determined by standard requirement, measurement uncertainty evaluation is not considered.

*This EUT has been also tested and compiled with the requirement of FCC Part 15, Subpart B, recorded in a separate test report(25100197-TEFV01).



2. Test Configuration of Equipment under Test

2.1. Feature of Equipment under Test

Operation Frequency Range	13.553-13.567MHz
Center Frequency Range	13.56MHz
Modulation Type	ASK
Antenna Type	PCB Antenna
Antenna Gain	0 dBi
Panel	Brand: AUO Model: A156HAN01.1
Panel	Brand: BOE Model: PV156FHM-N30
Power cord with stand(US)	Brand: I-SHENG Model: V44VS336T1218000-A01
Adapter	Brand: Delta Model: ADP-150 EH B
Adapter	Brand: FSP Model: FSP150-AABN3

Note: For more details, please refer to the User's manual of the EUT.

2.2. Carrier Frequency of Channels

Channel	Frequency(MHz)
*1	13.56

Note: Channel remarked "*" is selected to perform test.



2.3. Test Mode and Test Software

- During testing, the interface cables and equipment positions were varied according to ANSI C63.10.
- The complete test system included EUT for RF test.
- An executive program, "NXP NFC Cockpit V8.3.0.0" under Windows OS system was executed to transmit and receive data via NFC.
- The following test modes were performed for the test:

Conducted Emissions from the AC mains power ports	
Test Mode	Operating Description
1	TX Mode, From Adapter: ADP-150EH B with Panel: BOE(AC 120V/60Hz)
2	TX Mode, From Adapter: ADP-150EH B with Panel: AUO(AC 120V/60Hz)
3	TX Mode, From Adapter: FSP150-AABN3 with Panel: BOE(AC 120V/60Hz)
4	TX Mode, From Adapter: FSP150-AABN3 with Panel: BOE(AC 240V/60Hz)
caused "Test Mode 3" generated the worst case, it was reported as the final data.	
Radiation Emissions (9kHz~30MHz)	
Test Mode	Operating Description
1	TX Mode, From Adapter: FSP150-AABN3 with Panel: AUO(AC 120V/60Hz)
caused "Test Mode 1" generated the worst case, it was reported as the final data.	
Radiation Emissions (30MHz ~ 1GHz)	
Test Mode	Operating Description
1	TX Mode, From Adapter: ADP-150EH B with Panel: BOE(AC 120V/60Hz)
2	TX Mode, From Adapter: ADP-150EH B with Panel: AUO(AC 120V/60Hz)
3	TX Mode, From Adapter: FSP150-AABN3 with Panel: AUO(AC 120V/60Hz)
caused "Test Mode 3" generated the worst case, they were reported as the final data.	

2.4. Description of Test System

Radiated Emissions				
Equipment	Brand	Model	Length/Type	Power cord/Length/Type
Notebook	DELL	Latitude E5270	N/A	Adapter / 1.8m / NS
Micro USB(Blue)	kolin	KEX-DLCP07	1m / NS	N/A
Pad	ELO	ESY15I1E-C	N/A	N/A

AC Power Line Conducted Emission				
Equipment	Brand	Model	Length/Type	Power cord/Length/Type
Notebook	DELL	Latitude E5270	N/A	Adapter / 1.8m / NS
Micro USB(Blue)	kolin	KEX-DLCP07	1m / NS	N/A
Pad	ELO	ESY15I1E-C	N/A	N/A



2.5. General Information of Test

Organization	Cerpass Technology Corp.		
☒ Test Site	Cerpass Technology Corporation Test Laboratory Address: No.10, Ln. 2, Lianfu St., Luzhu Dist., Taoyuan City 33848, Taiwan (R.O.C.) Tel: +886-3-3226-888 Fax: +886-3-3226-881		
	FCC	TW1439, TW1079	
	IC	4934E-1, 4934E-2	
Frequency Range Investigated	Conducted: from 150kHz to 30 MHz Radiation: from 9 kHz to 1,000MHz		
Test Distance	The test distance of radiated emission from antenna to EUT is 3 M.		

Test Item	Test Site	Test period	Environmental Conditions	Tested By
Frequency Stability	RFCON01-NK	2025/12/29	23.8°C / 44%	Leon Huang
Radiated Emissions	3M02-NK	2025/12/30	20.1°C / 57%	Leon Huang
AC Power Line Conducted Emission	CON02-NK	2025/12/30	22.3°C / 72%	Leon Huang

2.6. Measurement Uncertainty

ISO/IEC 17025 requires that an estimate of the measurement uncertainties associated with the emissions test results be included in the report. The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor (k=2))

Measurement Item	Uncertainty
AC Power Line Conduction(150K~30MHz)	±3.2dB
Radiated Spurious Emission(9KHz~30MHz)	±3.4dB
Radiated Spurious Emission(30MHz~1GHz)	±5.2dB
20dB Bandwidth	±4.5%
Occupied Bandwidth	±4.4%
Frequency Stability	±0.22kHz



3. Test Equipment and Ancillaries Used for Tests

Test Item	Radiated Emissions				
Test Site	Semi Anechoic Room(3M02-NK)				
Instrument	Manufacturer	Model No	Serial No	Calibration Date	Valid Date
Bilog Antenna	Schwarzbeck	VULB9168	369	2025/02/17	2026/02/16
Active Loop Antenna	Schwarzbeck	FMZB 1513	00414	2025/02/18	2026/02/17
Horn Antenna	EMCO	3115	31589	2025/02/20	2026/02/19
Horn Antenna	EMCO	3116	31974	2025/02/20	2026/02/19
EMI Receiver	ROHDE & SCHWARZ	ESR 7	101906	2025/05/19	2026/05/18
Spectrum Analyzer 44GHz	ROHDE & SCHWARZ	FSV3044	101744	2025/04/23	2026/04/22
Preamplifier	Agilent	8449B	3008A01954	2025/02/12	2026/02/11
Preamplifier	EMC INSTRUMENTS	EMC184045	980065	2025/10/13	2026/10/12
Preamplifier	EM Electronics corp.	EM330	60659	2025/12/18	2026/12/17
Cable-4m(9k-3G)	EMEC	RG-223	18274M	2025/07/02	2026/07/01
Cable-3in1(30M-1G)	HARBOUR INDUSTRIES	LL142	CCE1315	2025/02/21	2026/02/20
Cable-0.5m(1G-40G)	HUBER SUHNER	SUCOFLEX 104	805443/4	2025/02/26	2026/02/25
Cable-3m(1G-40G)	HUBER SUHNER	SUCOFLEX 104	805796/4	2025/02/26	2026/02/25
Cable-8m(1G-26.5G)	WOKEN	WCBA-WCA203SM	CCE1374	2025/02/26	2026/02/25
Cable-1m(1G-40G)	HUBER SUHNER	SF102E	602125	2025/07/19	2026/07/18
Cable-3m(1G-40G)	HUBER SUHNER	SF102E	552450	2025/07/09	2026/07/08
E3	AUDIX	v8.2014-8-6	RK-000529	NA	NA
High Pass Filter	Warison	WFIL-H3000-18000F-03	WRJ5CFWC2J1	2025/07/09	2026/07/08
Notch Filter	Warison	WFIL-N5925-7125F-04	WRQ4BFWC4M1	2025/02/21	2026/02/20
Hipass Filter	Warison	WFIL-H7500-18000F	WRQ4BFWC2J1	2025/02/21	2026/02/20

Test Item	Frequency Stability				
Test Site	RFCON01-NK				
Instrument	Manufacturer	Model No	Serial No	Calibration Date	Valid Date
EXA Signal Analyzer	KEYSIGHT	N9010A	MY54200207	2025/04/23	2026/04/22
TEMP & HUMI CHAMBER	T-MACHINE	TMJ-9712	T-12-040111	2025/07/21	2026/07/20

Test Item	AC Power Line Conducted Emission				
Test Site	CON02-NK				
Instrument	Manufacturer	Model No	Serial No	Calibration Date	Valid Date
EMI Receiver	ROHDE & SCHWARZ	ESR 7	101906	2025/05/19	2026/05/18
Line Impedance Stabilization Network	Schwarzbeck	NSLK 8127	1197	2025/02/26	2026/02/25
Two-Line V-Network	ROHDE & SCHWARZ	ENV216	101584	2025/02/26	2026/02/25
Cable-4m(9k-3G)	EMEC	RG-223	18274M	2025/07/02	2026/07/01
E3	AUDIX	v8.2014-8-6	RK-000536	NA	NA



4. Antenna Requirements

4.1. Standard Applicable

For intentional device, according to FCC 47 CFR Section 15.203, 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.

And according to FCC 47 CFR Section 15.249, if transmitting antennas of directional gain greater than 6dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6dBi.

4.2. Antenna Construction and Directional Gain

Antenna Type	PCB Antenna
Antenna Gain	0 dBi



5. Test of AC Power Line Conducted Emission

5.1. Test Limit

Conducted Emissions were measured from 150 kHz to 30 MHz with a bandwidth of 9 KHz, according to the methods defined in ANSI C63.10-2020+Cor.1-2023 and ANSI C63.10a-2024. The EUT was placed on a nonmetallic stand in a shielded room 0.8 meters above the ground plane. The interface cables and equipment positioning were varied within limits of reasonable applications to determine the position produced maximum conducted emissions.

Frequency (MHz)	Quasi Peak (dB μ V)	Average (dB μ V)
0.15 – 0.5	66-56*	56-46*
0.5 – 5.0	56	46
5.0 – 30.0	60	50

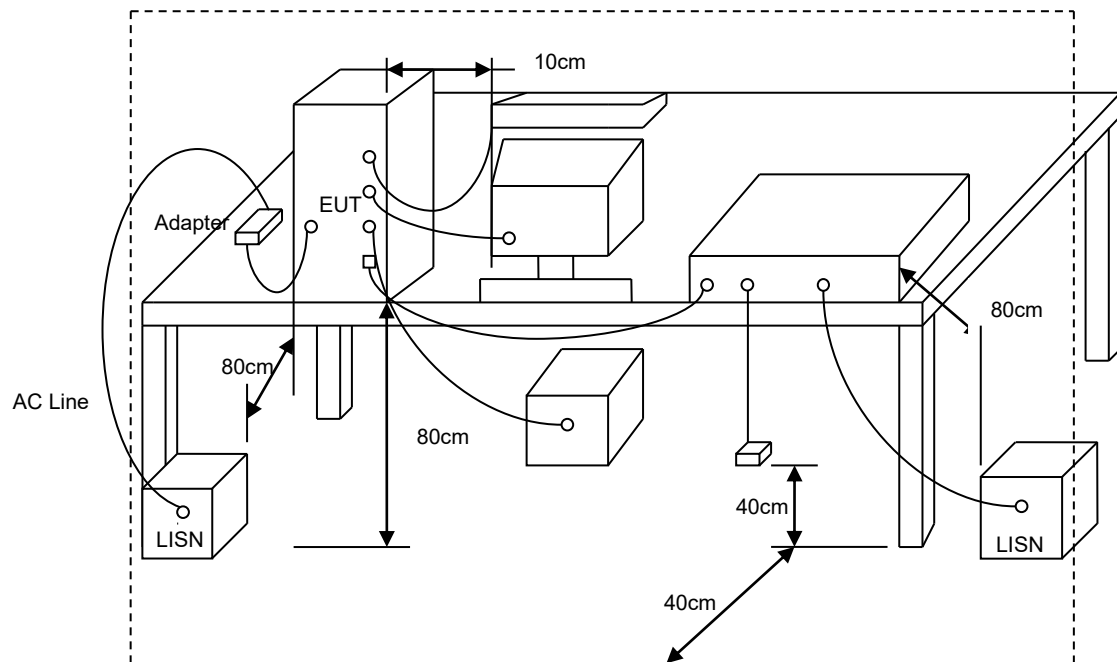
*Decreases with the logarithm of the frequency.

5.2. Test Procedures

- The EUT was placed 0.4 meter from the conducting wall of the shielding room was kept at least 80 centimeters from any other grounded conducting surface.
- Connect EUT to the power mains through a line impedance stabilization network (LISN).
- All the support units are connecting to the other LISN.
- The LISN provides 50 ohm coupling impedance for the measuring instrument.
- The FCC states that a 50 ohm, 50 micro-Henry LISN should be used.
- Both sides of AC line were checked for maximum conducted interference.
- The frequency range from 150 kHz to 30 MHz was searched.
- Set the test-receiver system to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.



5.3. Typical Test Setup

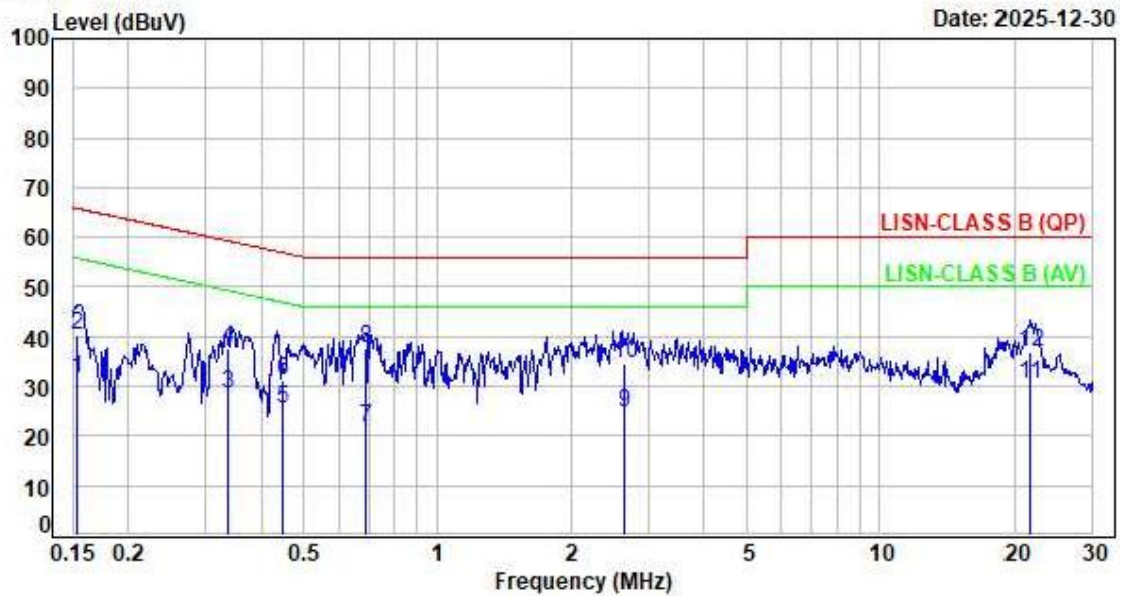




5.4. Test Result and Data

Test Mode : NFC 1TX 13.56MHz
Voltage : From Adapter(AC 120V/60Hz)
Phase : Line

Data: 5



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.1530	9.55	22.09	31.64	55.84	-24.20	Average	P
2	0.1530	9.55	30.90	40.45	65.84	-25.39	QP	P
3	0.3349	9.55	19.05	28.60	49.33	-20.73	Average	P
4	0.3349	9.55	28.14	37.69	59.33	-21.64	QP	P
5	0.4479	9.56	15.99	25.55	46.91	-21.36	Average	P
6	0.4479	9.56	21.50	31.06	56.91	-25.85	QP	P
7	0.6905	9.57	11.97	21.54	46.00	-24.46	Average	P
8	0.6905	9.57	28.17	37.74	56.00	-18.26	QP	P
9	2.6578	9.60	15.18	24.78	46.00	-21.22	Average	P
10	2.6578	9.60	25.01	34.61	56.00	-21.39	QP	P
11	21.6251	10.06	20.30	30.36	50.00	-19.64	Average	P
12	21.6251	10.06	26.74	36.80	60.00	-23.20	QP	P

Note: Level=Reading+Factor

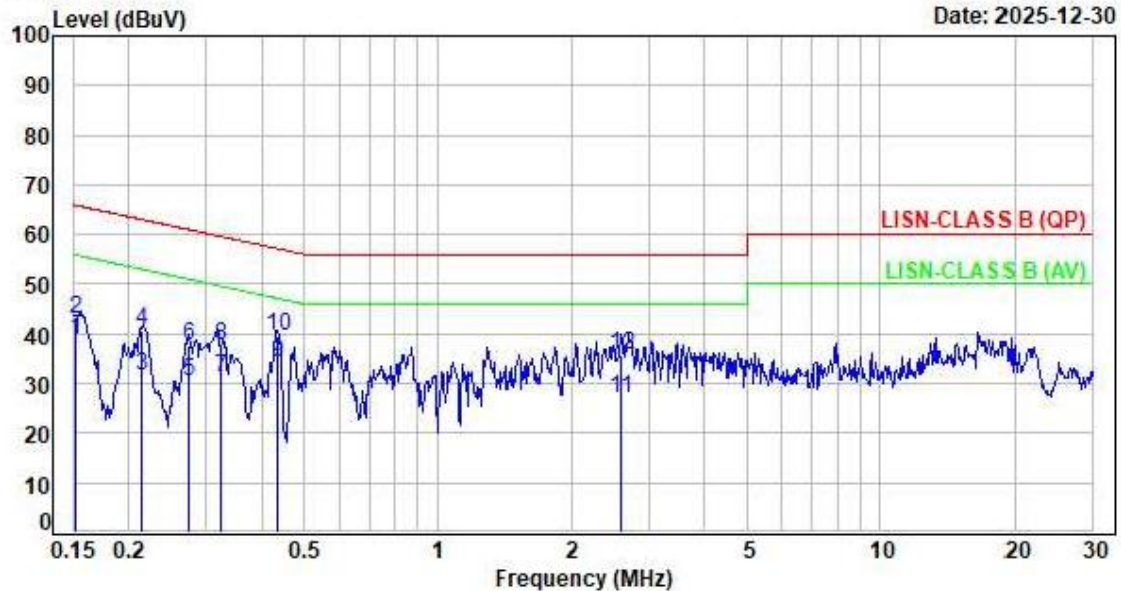
Margin=Level-Limit

Factor=(LISN or ISN or Current Probe)Factor + Cable Loss



Test Mode : NFC 1TX 13.56MHz
Voltage : From Adapter(AC 120V/60Hz)
Phase : Neutral

Data: 6



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.1515	9.56	29.06	38.62	55.92	-17.30	Average	P
2	0.1515	9.56	33.24	42.80	65.92	-23.12	QP	P
3	0.2149	9.55	22.12	31.67	53.01	-21.34	Average	P
4	0.2149	9.55	31.25	40.80	63.01	-22.21	QP	P
5	0.2735	9.56	20.77	30.33	51.01	-20.68	Average	P
6	0.2735	9.56	28.04	37.60	61.01	-23.41	QP	P
7	0.3243	9.57	21.63	31.20	49.59	-18.39	Average	P
8	0.3243	9.57	28.00	37.57	59.59	-22.02	QP	P
9	0.4329	9.59	24.47	34.06	47.20	-13.14	Average	P
10	0.4329	9.59	30.04	39.63	57.20	-17.57	QP	P
11	2.5937	9.72	17.46	27.18	46.00	-18.82	Average	P
12	2.5937	9.72	26.10	35.82	56.00	-20.18	QP	P

Note: Level=Reading+Factor

Margin=Level-Limit

Factor=(LISN or ISN or Current Probe)Factor + Cable Loss



6. Test of Radiated Emission

6.1. Test Limit

- (a) The field strength of any emissions within the band 13.553-13.567 MHz shall not exceed 15,848 microvolts/meter at 30 meters.
- (b) Within the bands 13.410-13.553 MHz and 13.567-13.710 MHz, the field strength of any emissions shall not exceed 334 microvolts/meter at 30 meters.
- (c) Within the bands 13.110-13.410 MHz and 13.710-14.010 MHz the field strength of any emissions shall not exceed 106 microvolts/meter at 30 meters.
- (d) The field strength of any emissions appearing outside of the 13.110-14.010 MHz band shall not exceed the general radiated emission limits in §15.209.

Frequency (MHz)	Distance	Limit (μV/ m)
0.09 ~ 0.490	300m	2400/F(kHz)
0.490 ~ 1.705	30m	24000/ F(kHz)
1.705 ~ 30	30m	30
30 ~ 88	3m	100
88 ~ 216	3m	150
216 ~ 960	3m	200
Above 960	3m	500

Note 1: When the measurement frequency is less than 30 MHz, the distance factor of 300m to 3m is $40 \cdot \log(300/3)=80\text{dB}$, and the limit value needs to compensate the distance factor of 80dB.

Note 2: When the measurement frequency is less than 30 MHz, the distance factor of 30m to 3m is $40 \cdot \log(30/3)=40\text{dB}$, and the limit value needs to compensate the distance factor of 40dB.

15.215 Additional provisions to the general radiated emission limitations.:

- (c) Intentional radiators operating under the alternative provisions to the general emission limits, as contained in §§15.217 through 15.257 and in subpart E of this part, must be designed to ensure that the 20 dB bandwidth of the emission, or whatever bandwidth may otherwise be specified in the specific rule section under which the equipment operates, is contained within the frequency band designated in the rule section under which the equipment is operated.



6.2. Test Procedures

- a. The EUT was placed on a rotatable table top 0.8 meter above ground.
- b. The EUT was set 3 meters from the interference receiving antenna which was mounted on the top of a variable height antenna tower.
- c. The table was rotated 360 degrees to determine the position of the highest radiation.
- d. The antenna is a broadband antenna and its height is varied between one meter and four meters above ground to find the maximum value of the field strength both horizontal polarization and vertical polarization of the antenna are set to make the measurement.
- e. For each suspected emission the EUT was arranged to its worst case and then tune the antenna tower (from 1 M to 4 M) and turn table (from 0 degree to 360 degrees) to find the maximum reading.
- f. Set the test-receiver system to Peak or CISPR quasi-peak Detect Function and specified bandwidth with Maximum Hold Mode.
- g. If the emission level of the EUT in peak mode was 3 dB lower than the limit specified, then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions which do not have 3 dB margin will be repeated one by one using the quasi-peak method and reported.
- h. "Cone of radiation" has been considered to be 3dB beamwidth of the measurement antenna.

NOTE:

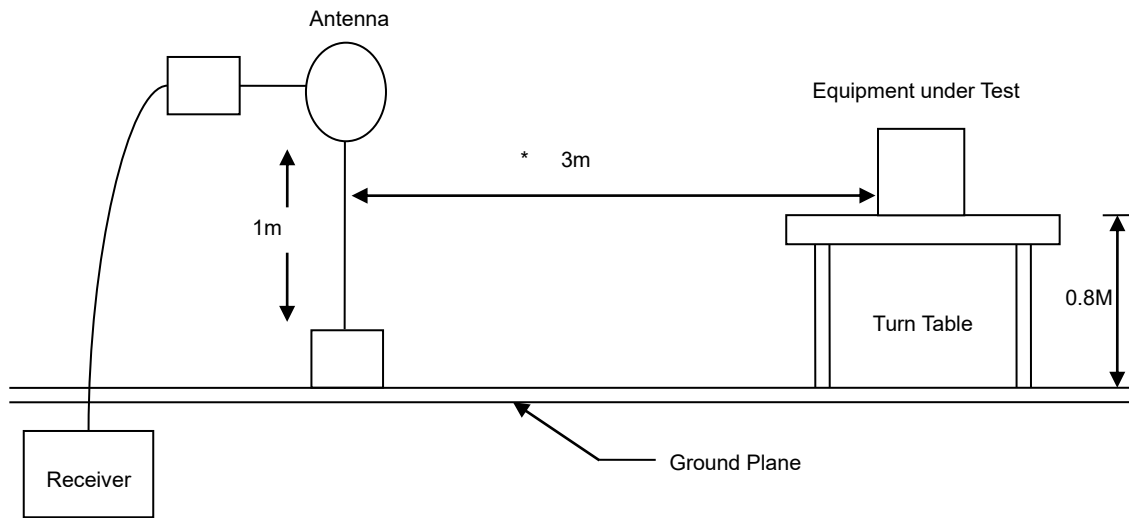
1. The resolution bandwidth of test receiver/spectrum analyzer is 300Hz or CISPS 200Hz(QP detector) at frequency Below 150 kHz.
2. The resolution bandwidth of test receiver/spectrum analyzer is 10KHz or CISPS 9KHz(QP detector) at frequency 150 kHz to 30 MHz.
3. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120kHz for Peak detection (PK) and Quasi-peak detection (QP) at frequency below 1GHz.

Note: The supporting fixture shall permit orientation of the EUT in each of three orthogonal axis positions such that emissions from the EUT are maximized.

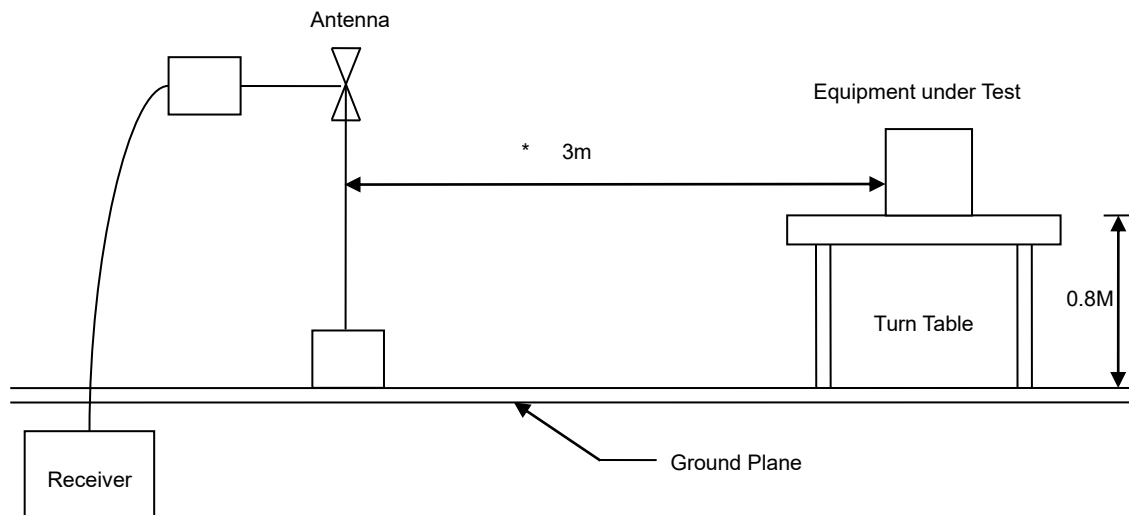


6.3. Typical Test Setup Layout of Radiated Emission

Below 30MHz test setup



30MHz- 1GHz Test Setup

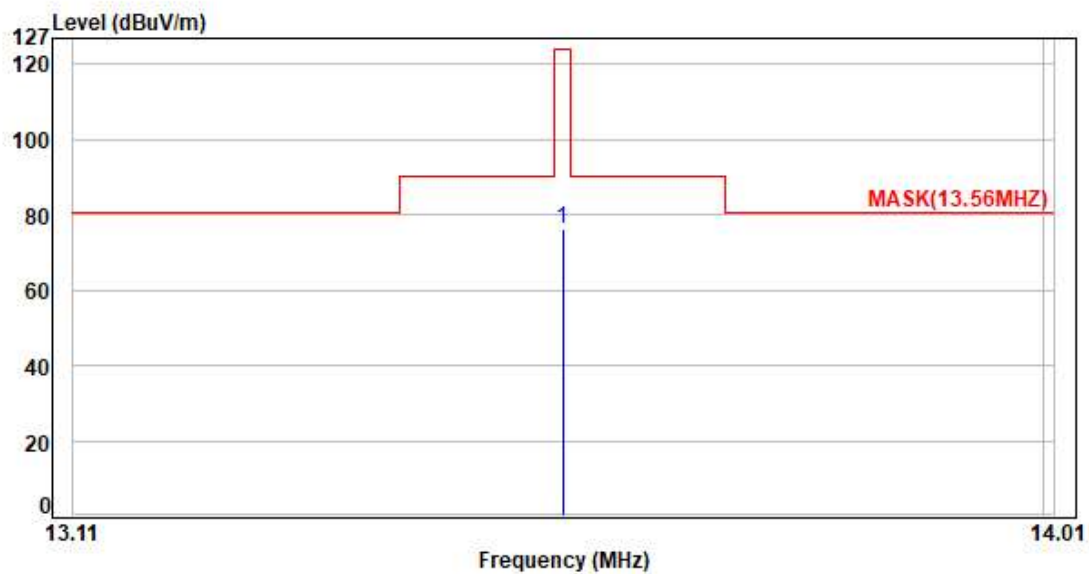




6.4. Test Result and Data

6.4.1. Test Result of Fundamental Emission

Test Mode : NFC 1TX 13.56MHz
Voltage : From Adapter(AC120V/60Hz)
Remark : Adapter:FSP150-AABN3, LOOP OPEN



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	13.5600	21.481	54.704	76.185	124.000	-47.815	Peak	100	360	P

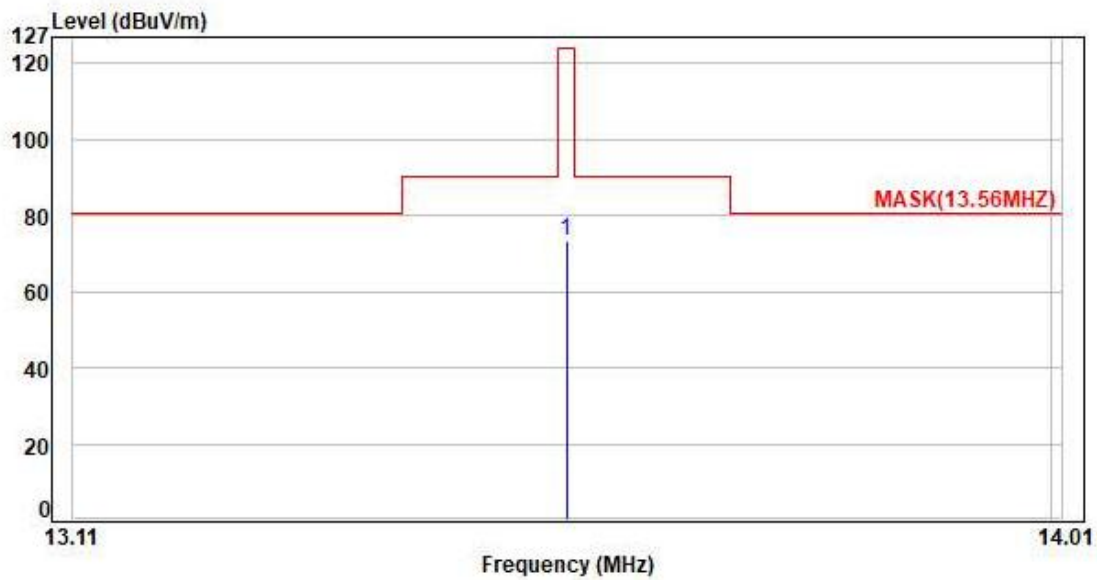
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Test Mode : NFC 1TX 13.56MHz
Voltage : From Adapter(AC120V/60Hz)
Remark : Adapter:FSP150-AABN3,LOOP CLOSE



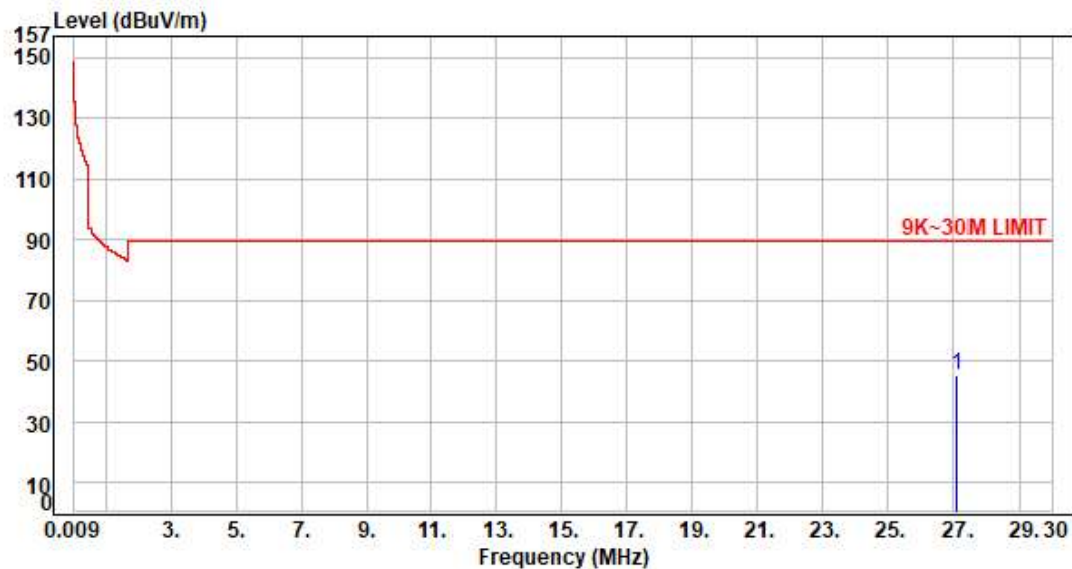
No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	13.5600	21.481	52.129	73.610	124.000	-50.390	Peak	100	360	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



6.4.2. Test Result of Unwanted Spurious emission (9KHz ~ 30MHz)

Test Mode : NFC 1TX 13.56MHz
Voltage : From Adapter(AC120V/60Hz)
Remark : Adapter:FSP150-AABN3,LOOP OPEN

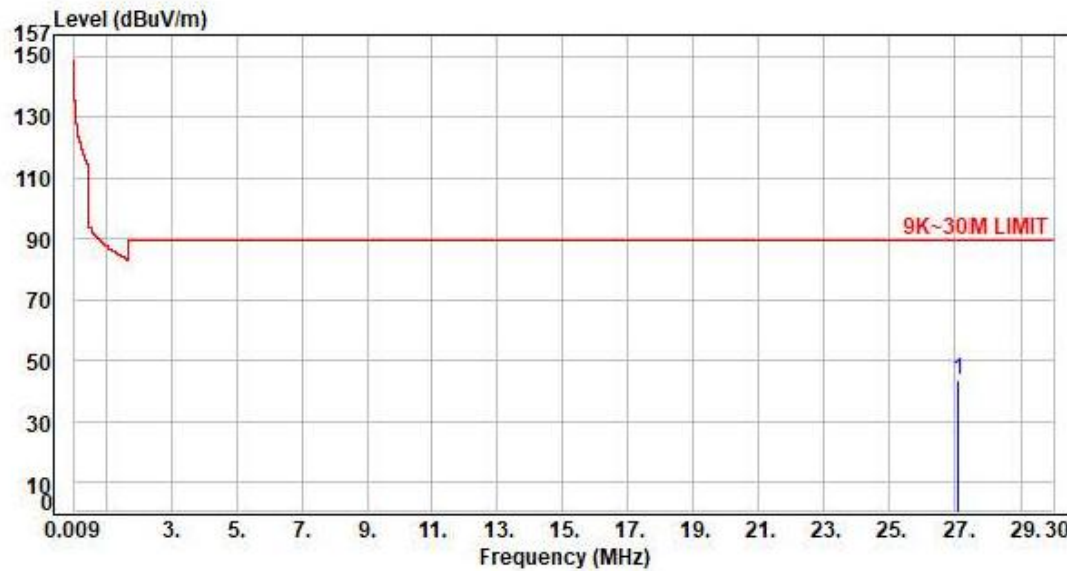


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	27.1209	22.905	22.466	45.371	89.540	-44.169	Peak	100	360	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



Test Mode : NFC 1TX 13.56MHz
Voltage : From Adapter(AC120V/60Hz)
Remark : Adapter:FSP150-AABN3,LOOP CLOSE



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	27.1209	22.905	20.541	43.446	89.540	-46.094	Peak	100	360	P

Note: Level=Reading+Factor

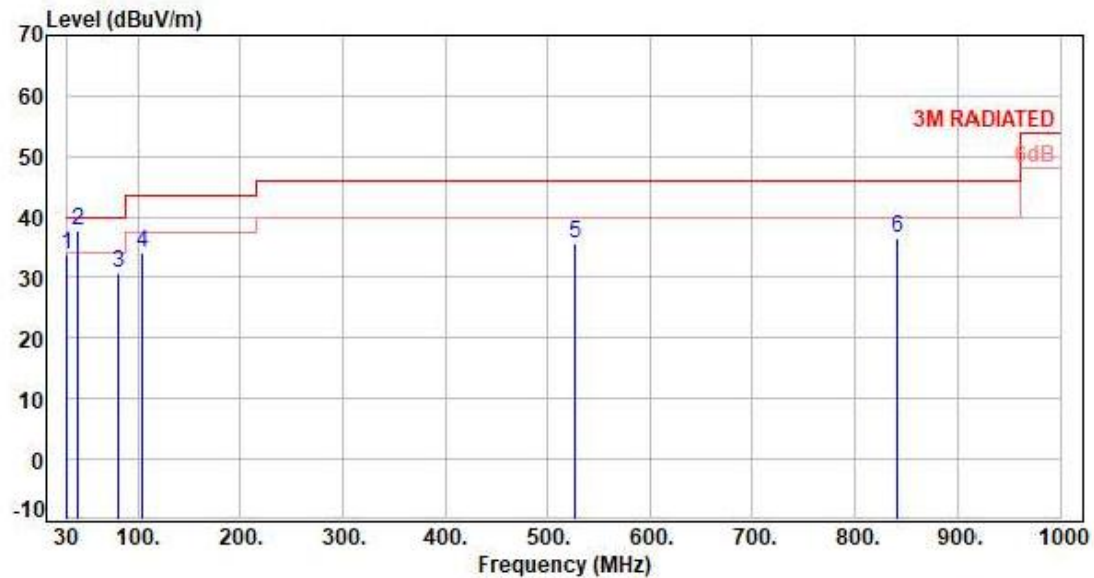
Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



6.4.3. Test Result of Unwanted Spurious emission (30GHz ~ 1GHz)

Test Mode : NFC 1TX 13.56MHz
Voltage : From Adapter(AC120V/60Hz)
Pol : Vertical



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	30.00	-11.18	45.07	33.89	40.00	-6.11	Peak	400	0	P
2	40.68	-10.83	48.59	37.76	40.00	-2.24	QP	100	273	P
3	80.44	-15.57	46.44	30.87	40.00	-9.13	Peak	400	0	P
4	103.72	-14.91	49.04	34.13	43.50	-9.37	Peak	400	0	P
5	526.64	-3.01	38.68	35.67	46.00	-10.33	Peak	400	0	P
6	840.92	2.95	33.63	36.58	46.00	-9.42	Peak	400	0	P

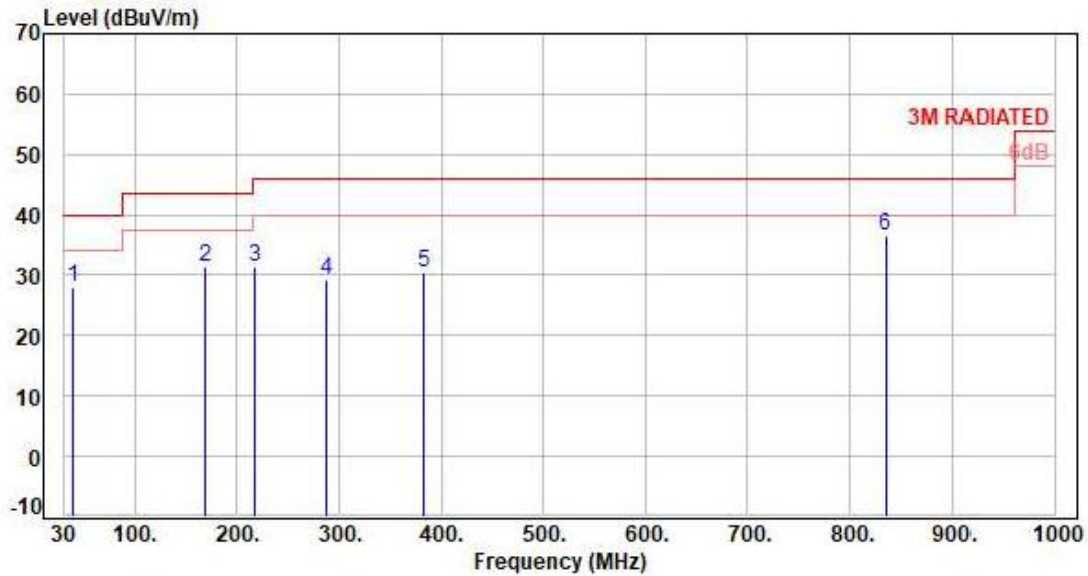
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Test Mode : NFC 1TX 13.56MHz
Voltage : From Adapter(AC120V/60Hz)
Pol : Horizontal



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	39.70	-10.80	38.89	28.09	40.00	-11.91	Peak	400	360	P
2	169.68	-10.74	42.22	31.48	43.50	-12.02	Peak	400	360	P
3	218.18	-13.29	44.64	31.35	46.00	-14.65	Peak	400	360	P
4	288.02	-9.85	38.97	29.12	46.00	-16.88	Peak	400	360	P
5	383.08	-6.40	36.73	30.33	46.00	-15.67	Peak	400	360	P
6	835.10	2.71	33.89	36.60	46.00	-9.40	Peak	400	360	P

Note: Level=Reading+Factor

Margin=Level-Limit

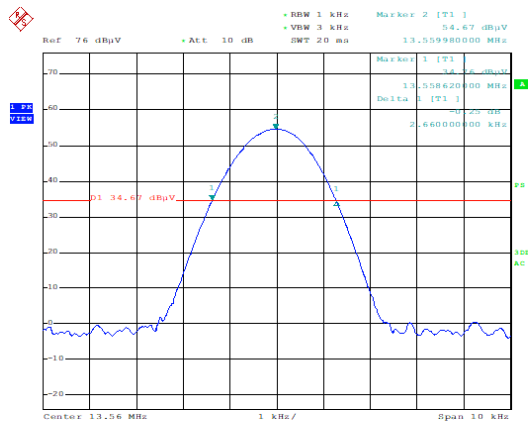
Factor=Antenna Factor + cable loss - Amplifier Factor



6.5. 20dB Bandwidth & 99% Occupied Bandwidth

Modulation Mode	Freq. (MHz)	20dB Bandwidth (kHz)	FL at 20dB BW (MHz)	FH at 20dB BW (MHz)
RFID	13.56	2.66	13.55862	13.56128
Limit		N/A	13.553	13.567
Result		Pass		

20dB Bandwidth
13.56 MHz



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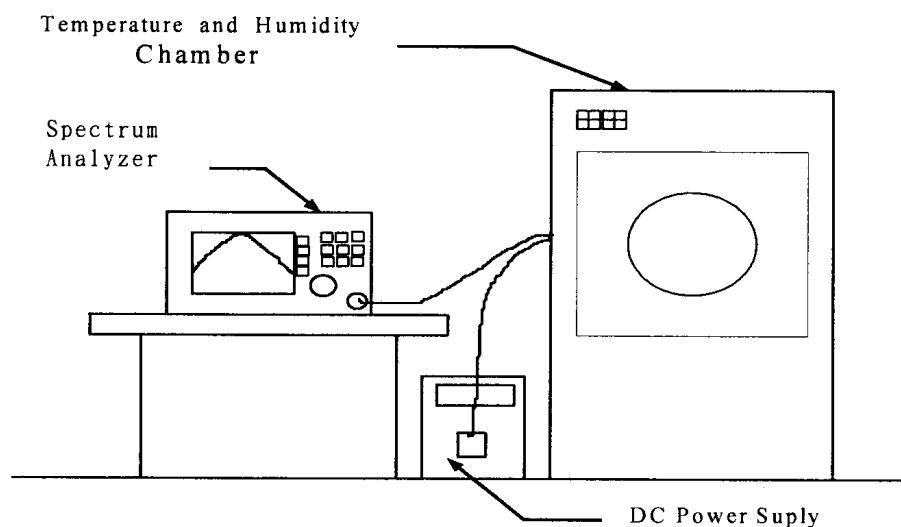
7. Frequency Stability

7.1. Test Procedure

According to the methods defined in ANSI C63.10-2020+Cor.1-2023 and ANSI C63.10a-2024 Section 6.8

1. The EUT was placed inside the Temperature and Humidity chamber.
2. The transmitter output was connected to spectrum analyzer.
3. Turn the EUT on and couple its output to a spectrum analyzer.
4. Turn the EUT off and set the chamber to the highest temperature specified.
5. Allow sufficient time (approximately 30 min) for the temperature of the chamber to stabilize, turn the EUT on and measure the operating frequency after 2, 5, and 10 minutes.
6. Repeat step 2 and 3 with the temperature chamber set to the lowest temperature.
7. The test chamber was allowed to stabilize at +20 degree C for a minimum of 30 minutes. The supply voltage was then adjusted on the EUT from 85% to 115% and the frequency record.

7.2. Test Setup Layout





7.3. Test Result and Data

Operating frequency: 13.56 MHz									
Temperature (°C)	Power supply (V)	0 minute		2 minute		5 minute		10 minute	
		(MHz)	(%)	(MHz)	(%)	(MHz)	(%)	(MHz)	(%)
50	102	13.5612	0.008702	13.5601	0.000848	13.5612	0.008628	13.5611	0.008333
	120	13.5611	0.008260	13.5612	0.008481	13.5611	0.007817	13.5612	0.008628
	138	13.5612	0.008555	13.5611	0.008186	13.5611	0.007891	13.5611	0.008260
40	102	13.5609	0.006858	13.5610	0.007227	13.5609	0.006785	13.5610	0.007006
	120	13.5609	0.006711	13.5610	0.007006	13.5609	0.006563	13.5609	0.006416
	138	13.5610	0.007153	13.5610	0.007080	13.5609	0.006342	13.5609	0.006490
30	102	13.5606	0.004572	13.5606	0.004204	13.5606	0.004056	13.5606	0.004572
	120	13.5607	0.004794	13.5606	0.004056	13.5606	0.004499	13.5605	0.003835
	138	13.5606	0.004646	13.5606	0.004130	13.5606	0.004351	13.5605	0.003982
20	102	13.5604	0.003024	13.5604	0.002655	13.5604	0.002876	13.5604	0.002950
	120	13.5604	0.003245	13.5604	0.002581	13.5604	0.002729	13.5604	0.002876
	138	13.5604	0.002876	13.5604	0.003097	13.5604	0.002581	13.5604	0.002655
10	102	13.5602	0.001622	13.5602	0.001327	13.5601	0.000664	13.5601	0.000516
	120	13.5602	0.001475	13.5602	0.001401	13.5601	0.000590	13.5601	0.000369
	138	13.5602	0.001401	13.5601	0.000811	13.5601	0.000737	13.5601	0.000664
0	102	13.5600	0.000074	13.5600	-0.000221	13.5600	-0.000147	13.5600	0.000074
	120	13.5600	0.000147	13.5600	-0.000295	13.5600	0.000221	13.5600	0.000147
	138	13.5600	0.000295	13.5600	-0.000074	13.5600	0.000074	13.5600	-0.000074
-10	102	13.5599	-0.000885	13.5599	-0.001106	13.5598	-0.001401	13.5598	-0.001549
	120	13.5599	-0.001032	13.5599	-0.000664	13.5598	-0.001254	13.5598	-0.001844
	138	13.5599	-0.000811	13.5599	-0.000516	13.5599	-0.000885	13.5598	-0.001770
-20	102	13.5597	-0.002139	13.5597	-0.002360	13.5597	-0.002212	13.5597	-0.002286
	120	13.5597	-0.001917	13.5597	-0.002507	13.5597	-0.002434	13.5597	-0.002507
	138	13.5597	-0.001991	13.5597	-0.002286	13.5597	-0.002360	13.5597	-0.002581

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