



FCC PART 15.225
RSS-210 ISSUE 11, JUNE 2024
RSS-GEN ISSUE 5, FEBRUARY 2021 AMENDMENT2
TEST REPORT

For

FCC: INGENICO

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IC: Ingenico

9 avenue de la gare Rovaltain TGV,Valence 26958,France

FCC ID: XKB-DX8AM
IC: 2586D-DX8AM

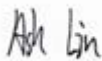
Report Type: Original Report	Product Name: Smart POS Terminal
Report Number: 2607P42218E-RF-06	
Report Date: 2026-06-23	
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Approved By:	Miles Chen 
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REPORT REVISION HISTORY

Number of Revisions	Report No.	Version	Issue Date	Description
0	2607P42218E-RF-06	R1V1	2026-06-23	Initial Release

GENERAL INFORMATION**Product Description for Equipment under Test (EUT)**

Applicant:		FCC: INGENICO IC: Ingenico
Product Name:		Smart POS Terminal
Tested Model:		AXIUM DX8
Multiple Model(s):		N/A
HVIN:		AXIUM DX8-AM-S, AXIUM DX8-AM-D, AXIUM DX8-AM-BC
Trade Name:		ingenico
Power Supply:		DC 5V from Adapter or DC 7.2V from Battery
Adapter 1# information (KLEC - US)	Model:	SW-0983
	Input:	AC 100-240V, 50/60Hz, 0.5A
	Output:	DC 5.0V, 2.0A
Adapter 2# information (Aohai - US)	Model:	A319-050200U-US2
	Input:	AC 100-240V, 50/60Hz, Max 0.3A
	Output:	DC 5.0V, 2.0A
RF Function:		NFC
Operating Band/Frequency:		13.56 MHz
Antenna Type:		Loop Antenna

Note:

1. The Operating Frequency is provided by the applicant.
2. The EUT contains a variety of configurations, the difference of the configurations show as below:

Model	Configuration	HVIN	Confouration Dfference	
			2 nd display	scanner
AXIUM DX8	1 (Scanner variant)	AXIUM DX8-AM-BC	×	√
	2 (2 nd display variant)	AXIUM DX8-AM-D	√	×
	3 (Basic variant)	AXIUM DX8-AM-S	×	×

3. All measurement and test data in this report was gathered from production sample serial number: 3GFK-2(Basic variant), 3GFK-3 (2nd display variant), 3GFK-4(Scanner variant) (Radiated Spurious Emission) Assigned by the BACL(Xiamen). The EUT supplied by the applicant was received on 2026-02-10)

Note: Per 15B&ICES 003 Issue 7 report, test with Adapter 1# & Battery 5# & Screen 1# was the worst for AC Line Conducted Emissions, test with Adapter 2# & Battery 1# & Screen 2# was the worst for Radiated Spurious Emissions Below 1G, so only performed it this report.

Battery Information:

No.	Model	Manufacturer	Specification
Battery 1#	LD18650M	SCUD (Fujian) Electronics Co.,Ltd	DC 7.2V 2600mAh/18.72Wh
Battery 2#	LD18650K	SCUD (Fujian) Electronics Co.,Ltd	DC 7.2V 3400mAh/24.48Wh
Battery 3#	LD18650K-1	SCUD (Fujian) Electronics Co.,Ltd	DC 7.2V 3350mAh/24.12Wh
Battery 4#	LD18650M	Xinyu Ganfeng Electronics Co.,Ltd.	DC 7.2V 2600mAh/18.72Wh
Battery 5#	LD18650K-1	Xinyu Ganfeng Electronics Co.,Ltd.	DC 7.2V 3350mAh/24.12Wh
Battery 6#	LD18650M	Dongguan Veken Battery Co., Ltd.	DC 7.2V 2600mAh/18.72Wh

Screen Information:

No.	Ingenico Model	Manufacturer
Screen 1#	MDT0656A	Shenzhen Great Prospect Optoelectronics Co.,Ltd.
Screen 2#	MDT0656A	Tianma Microelectronics Co., Ltd.
Screen 3#	MDT0656A	GuangDonghongbosheng Optoelectronic Technology Co;Ltd

Objective

This test report is prepared for *INGENICO* in accordance with Part 2-Subpart J, Part 15-Subparts A and C of the Federal Communication Commissions's rules and RSS-210, Issue 11, June 2024 and RSS-GEN, Issue 5, February 2021 of the Innovation, Science and Economic Development Canada.

Test Methodology

All tests and measurements indicated in this document were performed in accordance with the ISED RSS-210, Issue 11, June 2024, applicable standard: License-Exempt Radio Apparatus: Category I Equipment & RSS-GEN, Issue 5, February 2021 Amendment 2: General Requirements for Compliance of Radio Apparatus & ANSI C63.10-2020 + Cor.1-2023+C63.10a-2024 + Errata to C63.10a-2024: American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices.

Test Facility

The test site used by Bay Area Compliance Laboratories Corp. (Xiamen) to collect test data is located on the Unit 102, No. 902 Meifeng South Road, Binhai West Avenue Science and Technology Innovation Park, Torch High Tech Zone Xiamen, People's Republic of China.

Bay Area Compliance Laboratories Corp. (Xiamen) Lab is accredited to ISO/IEC 17025 by A2LA (Certificate Number: 7134.01) and the lab has been recognized as the FCC accredited lab under the KDB 974614 D01, the FCC Designation No. : CN1384.

Bay Area Compliance Laboratories Corp. (Xiamen) Lab is accredited to ISO/IEC 17025 by A2LA (Certificate Number: 7134.01) and the lab has been recognized as the IC accredited lab under the KDB 974614 D01, the IC Designation No. : CN0176.

Measurement Uncertainty

Item		U_{lab}
Conducted Emission	150kHz-30MHz	2.45 dB
Radiated Spurious Emission	9kHz-150kHz	2.82dB
	150kHz-30MHz	2.74dB
	30MHz~1GHz	4.68dB
Frequency Error(RF Frequency)		0.085×10^{-6}
Occupied Bandwidth		1.69%
Temperature		1 °C
Humidity		5 %
Supply voltages(AC)		1 %

Note: The extended uncertainty given in this report is obtained by combining the standard uncertainty times the coverage factor K with the 95% confidence interval. Otherwise required by the applicant or Product Regulations, Decision Rule in this report did not consider the uncertainty.

SYSTEM TEST CONFIGURATION**Test Mode and Voltage**

The system was configured for testing in a typical mode (as normally used by a typical user).	
Test mode:	Test Mode 1: Transmitting
Test voltage:	AC 120V/60Hz or DC 7.2V
Remark:	During all emission tests, the EUT was configured to measure its highest possible emission level and the worst case's test data was presented in this test report.

Justification

The system was configured in testing mode which was provided by manufacturer.

Channel List:

Channel	Frequency (MHz)
1	13.56

EUT Exercise Software

The EUT is tested in the engineering mode.

Equipment Modifications

No modification on the EUT.

Support Equipment List and Details

Manufacturer	Description	Model	Serial Number
Unknown	NFC Card	Unknown	Unknown

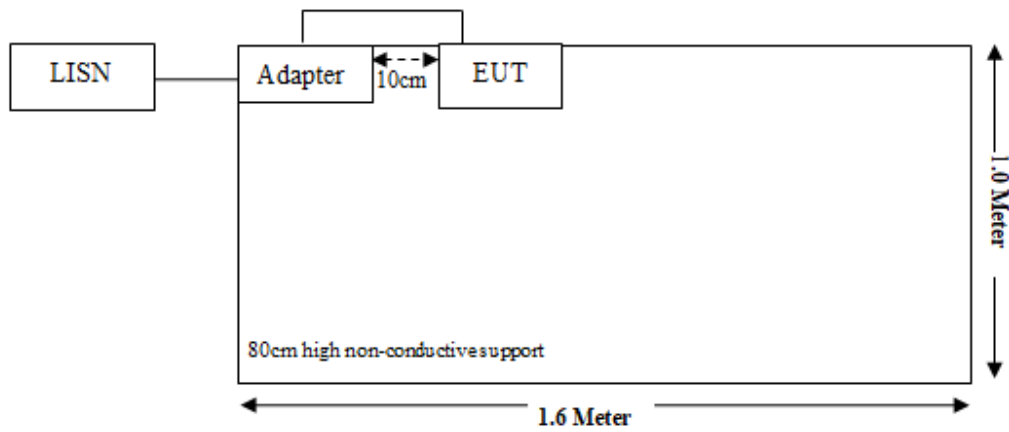
External Cable

Cable Description	Length (m)	From Port	To
/	/	/	/

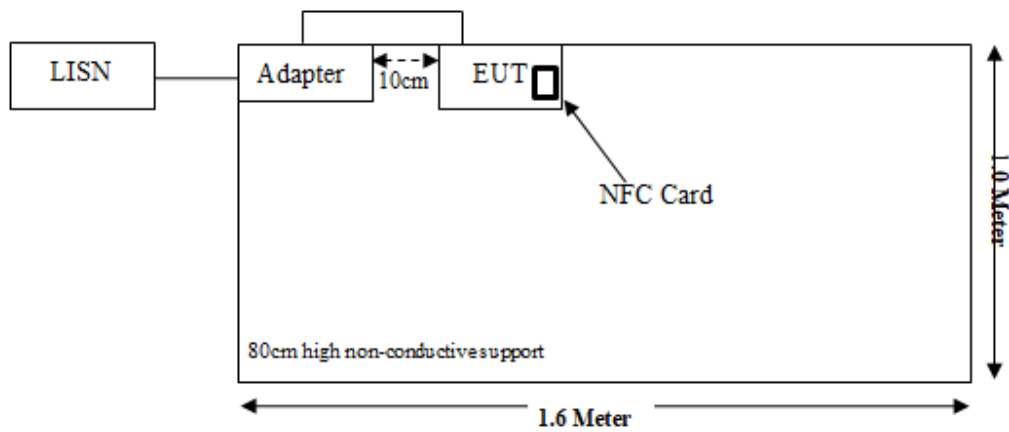
Block Diagram of Test Setup

Conducted Emission:

Tested without NFC card

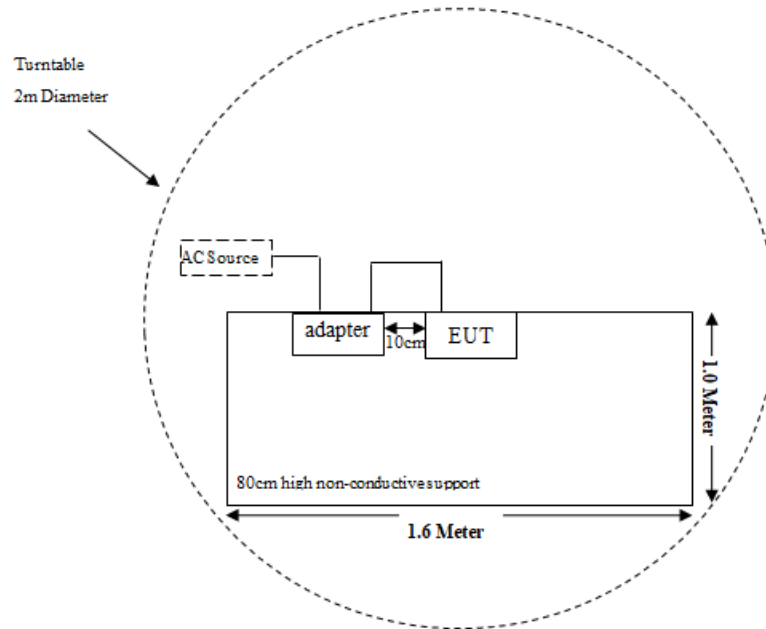


Tested with NFC card

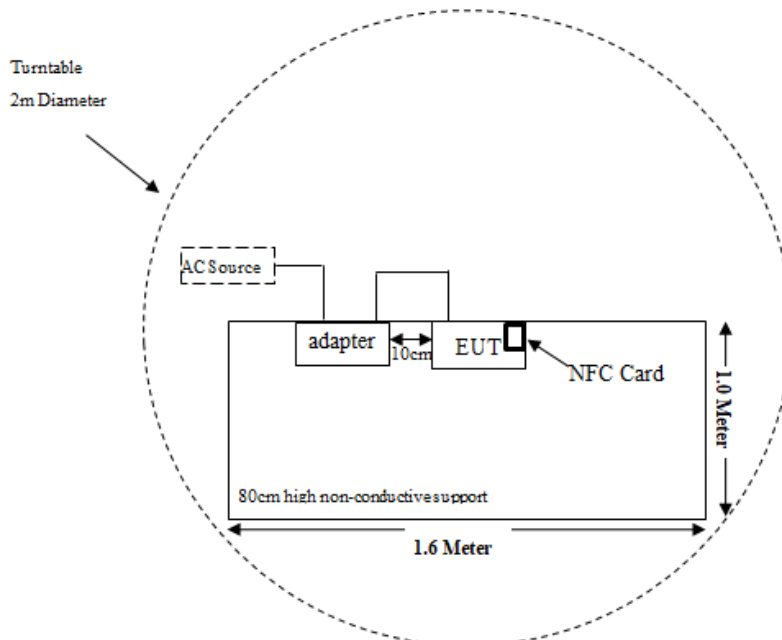


Radiated Spurious Emission:

Tested without NFC card



Tested with NFC card



SUMMARY OF TEST RESULTS

Rules	Description of Test	Result
FCC §15.203 RSS-GEN Issue 5 Clause 6.8	Antenna Requirement	Compliant
FCC §15.207 (a) RSS-GEN Issue 5 Clause 8.8	AC Line Conducted Emissions	Compliant
FCC§15.225 §15.209 §15.205 RSS-210 Issue 11 Clause Annex B B.6	Radiated Emission Test	Compliant
FCC§15.225(e) RSS-210 Issue 11 Clause Annex B B.6	Frequency Stability	Compliant
FCC §15.215(c)	20dB Emission Bandwidth	Compliant
RSS-GEN Issue 5 Clause 6.7	Occupied Bandwidth	Compliant

TEST EQUIPMENT LIST

Test Equipment	Manufacturer	Model	Serial Number	Calibration Date	Calibration Due Date
Conducted Emissions					
EMI Test Receiver	Rohde & Schwarz	ESR	103105	2026/1/21	2027/1/20
LISN	Rohde & Schwarz	ENV216	100129	2026/1/21	2027/1/20
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	0357.8810.54	2026/1/21	2027/1/20
Coaxial Cable	XINHANGWEIBO	XH400T-N-4M	CC001	2026/1/20	2027/1/19
Test Software	Audix	E3	18621a	N/A	N/A
Radiated Emissions Below 1GHz					
EMI Test Receiver	Rohde & Schwarz	ESR	103103	2026/1/21	2027/1/20
Loop Antenna	Rohde & Schwarz	HFH2-Z2	830749/001	2023/7/27	2026/7/26
Antenna	Sunol Sciences	JB6	A122022-5	2023/7/27	2026/7/26
Amplifier	Sonoma	310B	120903	2026/1/22	2027/1/21
Coaxial Cable	XINHANGWEIBO	XH400T-N-4M	CC002	2026/1/20	2027/1/19
Coaxial Cable	XINHANGWEIBO	XH460B-N-2M	CC006	2026/1/20	2027/1/19
Coaxial Cable	XINHANGWEIBO	XH460B-N-12M	CC007	2026/1/20	2027/1/19
Coaxial Cable	XINHANGWEIBO	HFH2-CC	335.3609	2026/1/20	2027/1/19
Test Software	Audix	E3	18621a	N/A	N/A
Frequency Stability					
EMI Test Receiver	Rohde & Schwarz	ESR3	103103	2026/1/21	2027/1/20
Loop Antenna	Rohde & Schwarz	HFH2-Z2	830749/001	2023/7/27	2026/7/26
Coaxial Cable	XINHANGWEIBO	HFH2-CC	335.3609	2026/1/20	2027/1/19
constant temperature and humidity testing machine	BACL	BTH-150-60	30234	2025/7/28	2026/7/27
Digital Multimeter	FLUKE	F15B+	41697032 WS	2025/5/16	2026/5/16
20dB Emission Bandwidth & Occupied Bandwidth					
EMI Test Receiver	Rohde & Schwarz	ESR3	103103	2026/1/21	2027/1/20
Loop Antenna	Rohde & Schwarz	HFH2-Z2	830749/001	2023/7/27	2026/7/26
Coaxial Cable	XINHANGWEIBO	HFH2-CC	335.3609	2026/1/20	2027/1/19

Statement of Traceability: Bay Area Compliance Laboratories Corp. (Xiamen) attests that all calibrations have been performed in accordance to requirements that traceable to National Primary Standards and International System of Units (SI).

FCC§15.203 & RSS-GEN ISSUE 5 CLAUSE 6.8- ANTENNA REQUIREMENT

Applicable Standard

FCC§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. 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.

RSS-GEN Clause 6.8

The applicant for equipment certification shall provide a list of all antenna types that may be used with the transmitter, where applicable (i.e. for transmitters with detachable antenna), indicating the maximum permissible antenna gain (in dBi) and the required impedance for each antenna. The test report shall demonstrate the compliance of the transmitter with the limit for maximum equivalent isotropically radiated power (e.i.r.p.) specified in the applicable RSS, when the transmitter is equipped with any antenna type, selected from this list.

For expediting the testing, measurements may be performed using only the antenna with highest gain of each combination of transmitter and antenna type, with the transmitter output power set at the maximum level. However, the transmitter shall comply with the applicable requirements under all operational conditions and when in combination with any type of antenna from the list provided in the test report (and in the notice to be included in the user manual, provided below).

When measurements at the antenna port are used to determine the RF output power, the effective gain of the device's antenna shall be stated, based on a measurement or on data from the antenna's manufacturer.

The test report shall state the RF power, output power setting and spurious emission measurements with each antenna type that is used with the transmitter being tested.

For licence-exempt equipment with detachable antennas, the user manual shall also contain the following notice in a conspicuous location:

This radio transmitter [enter the device's ISED certification number] has been approved by Innovation, Science and Economic Development Canada to operate with the antenna types listed below, with the maximum permissible gain indicated. Antenna types not included in this list that have a gain greater than the maximum gain indicated for any type listed are strictly prohibited for use with this device.

Immediately following the above notice, the manufacturer shall provide a list of all antenna types which can be used with the transmitter, indicating the maximum permissible antenna gain (in dBi) and the required impedance for each antenna type.

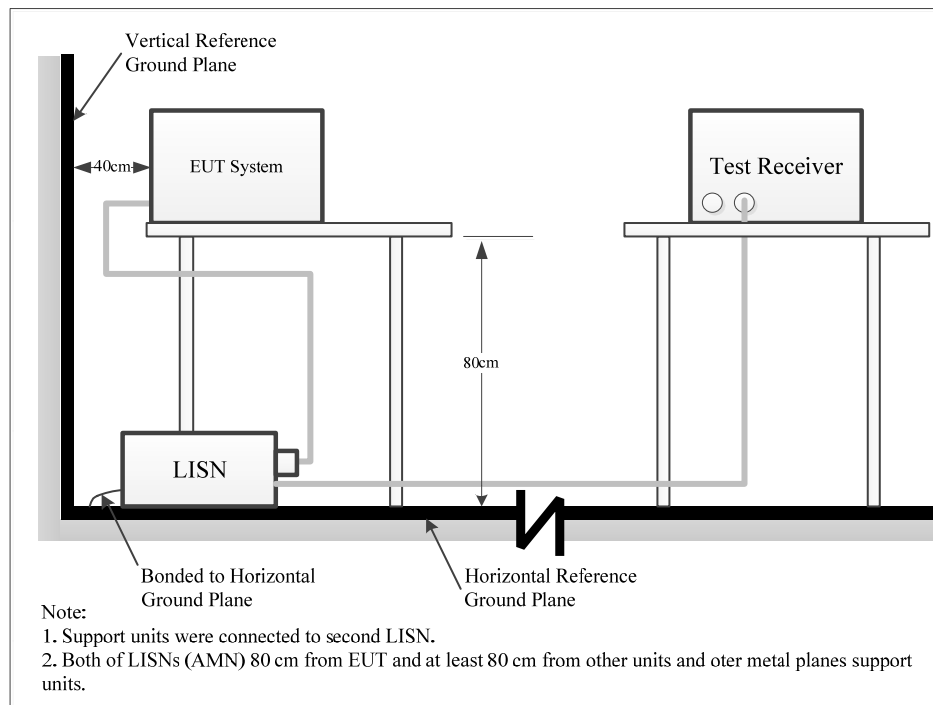
Antenna Connected Construction

The EUT has Loop antennas for 13.56 MHz, the antenna was permanently attached, fulfill the requirement of this section, please refer to the EUT photos.

Result: Compliant.

**FCC §15.207 (a) & RSS-GEN ISSUE 5 CLAUSE 8.8 – AC LINE
CONDUCTED EMISSIONS****Applicable Standard**

FCC§15.207, RSS-Gen Clause 8.8

EUT Setup

The setup of EUT is according with per ANSI C63.10-2020 + Cor.1-2023+C63.10a-2024 + Errata to C63.10a-2024 measurement procedure. The specification used was with the FCC Part 15.207, RSS-Gen limits.

The spacing between the peripherals was 10 cm.

EMI Test Receiver Setup

The EMI test receiver was set to investigate the spectrum from 150 kHz to 30 MHz.

During the conducted emission test, the EMI test receiver was set with the following configurations:

Frequency Range	IF B/W
150 kHz – 30 MHz	9 kHz

Test Procedure

During the conducted emission test, the adapter was connected to the outlet of the LISN.

Maximizing procedure was performed on the six (6) highest emissions of the EUT.

All final data was recorded in the Quasi-peak and average detection mode.

Result & Margin Calculation

The result is calculated by adding LISN VDF (Voltage Division Factor), Cable Loss and Transient Limiter Attenuation from the Meter Reading. The basic equation is as follows:

$$\begin{aligned}\text{Factor (dB)} &= \text{LISN VDF (dB)} + \text{Cable Loss (dB)} + \text{Transient Limiter Attenuation (dB)} \\ \text{Result (dB}\mu\text{V)} &= \text{Reading (dB}\mu\text{V)} + \text{Factor (dB)}\end{aligned}$$

The “**Margin**” column of the following data tables indicates the degree of compliance with the applicable limit. For example, a margin of 7dB means the emission is 7dB below the limit. The equation for margin calculation is as follows:

$$\text{Margin (dB)} = \text{Limit (dB}\mu\text{V)} - \text{Result (dB}\mu\text{V)}$$

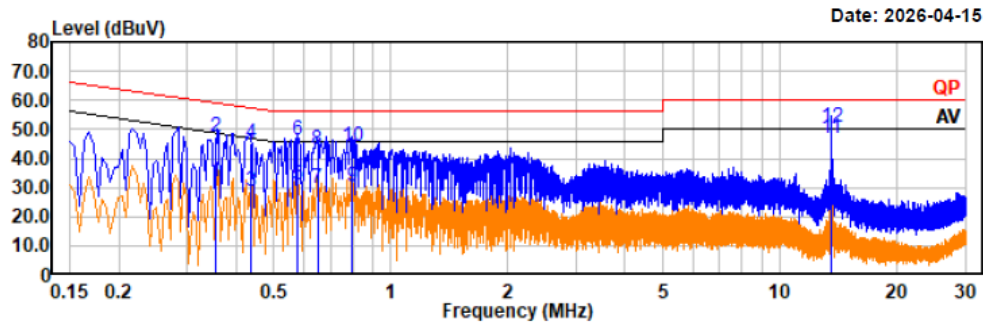
Test Data

Temperature:	24.3°C
Relative Humidity:	64%
ATM Pressure:	100.1 kPa
Test Date:	2026-04-15
Test Engineer:	Wlif Wu

For Configuration 1# (Scanner version)**Tested without NFC card**

Project No.: 2607P42218E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8

Temp/Humi/ATM: 24.3°C/64%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



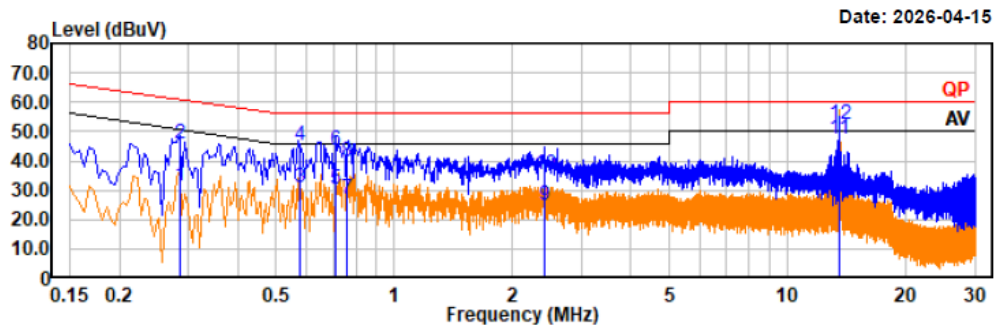
Trace: 1

Condition: IF B/W 9kHz PK/AV

Freq MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Phase	Remark
0.36	11.53	20.53	32.06	48.81	16.75	Line	Average
0.36	26.84	20.53	47.37	58.81	11.44	Line	QP
0.44	8.09	20.47	28.56	47.14	18.58	Line	Average
0.44	24.55	20.47	45.02	57.14	12.12	Line	QP
0.58	10.29	20.47	30.76	46.00	15.24	Line	Average
0.58	25.70	20.47	46.17	56.00	9.83	Line	QP
0.65	9.56	20.48	30.04	46.00	15.96	Line	Average
0.65	22.34	20.48	42.82	56.00	13.18	Line	QP
0.79	10.05	20.50	30.55	46.00	15.45	Line	Average
0.79	23.61	20.50	44.11	56.00	11.89	Line	QP
13.56	26.65	20.28	46.93	50.00	3.07	Line	Average
13.56	30.33	20.28	50.61	60.00	9.39	Line	QP

Project No.: 2607P42218E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8

Temp/Humi/ATM: 24.3°C/64%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Trace: 1

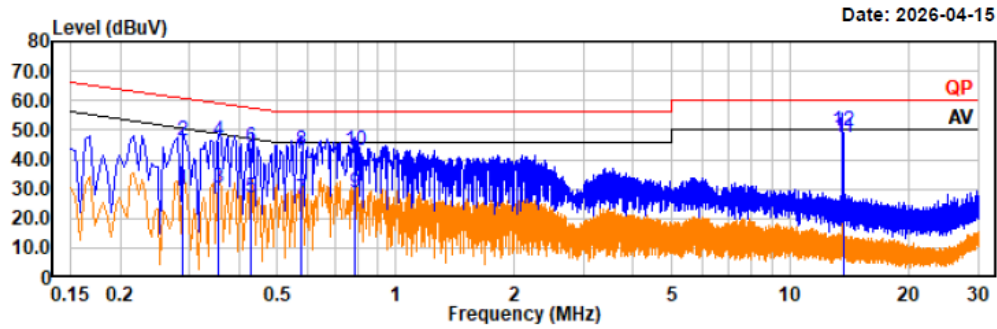
Condition: IF B/W 9kHz PK/AV

Freq MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Phase	Remark
0.29	10.81	20.59	31.40	50.66	19.26	Neutral	Average
0.29	25.38	20.59	45.97	60.66	14.69	Neutral	QP
0.57	10.63	20.42	31.05	46.00	14.95	Neutral	Average
0.57	24.71	20.42	45.13	56.00	10.87	Neutral	QP
0.71	9.78	20.45	30.23	46.00	15.77	Neutral	Average
0.71	23.04	20.45	43.49	56.00	12.51	Neutral	QP
0.76	6.49	20.46	26.95	46.00	19.05	Neutral	Average
0.76	19.37	20.46	39.83	56.00	16.17	Neutral	QP
2.41	4.42	20.31	24.73	46.00	21.27	Neutral	Average
2.41	14.78	20.31	35.09	56.00	20.91	Neutral	QP
13.55	27.23	20.28	47.51	50.00	2.49	Neutral	Average
13.55	31.91	20.28	52.19	60.00	7.81	Neutral	QP

Tested with NFC card

Project No.: 2607P42218E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8

Temp/Humi/ATM: 24.3°C/64%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



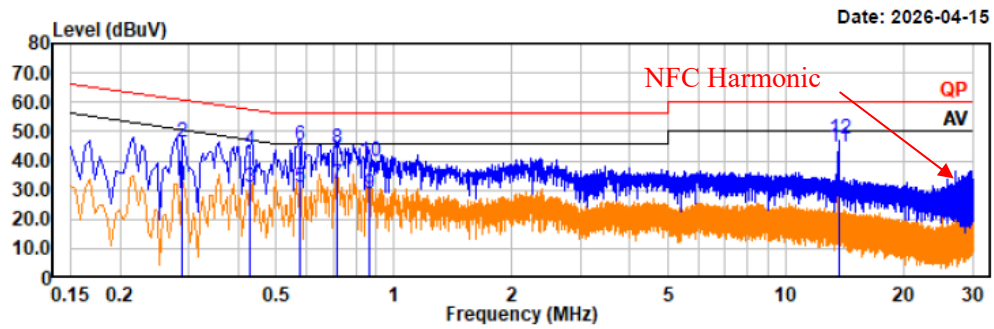
Trace: 1

Condition: IF B/W 9kHz PK/AV

Freq MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Phase	Remark
0.29	8.96	20.58	29.54	50.61	21.07	Line	Average
0.29	25.71	20.58	46.29	60.61	14.32	Line	QP
0.36	9.79	20.53	30.32	48.82	18.50	Line	Average
0.36	25.94	20.53	46.47	58.82	12.35	Line	QP
0.43	6.49	20.48	26.97	47.25	20.28	Line	Average
0.43	23.73	20.48	44.21	57.25	13.04	Line	QP
0.57	6.29	20.46	26.75	46.00	19.25	Line	Average
0.57	22.82	20.46	43.28	56.00	12.72	Line	QP
0.79	8.31	20.50	28.81	46.00	17.19	Line	Average
0.79	22.40	20.50	42.90	56.00	13.10	Line	QP
13.62	26.97	20.28	47.25	50.00	2.75	Line	Average
13.62	29.46	20.28	49.74	60.00	10.26	Line	QP

Project No.: 2607P42218E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8

Temp/Humi/ATM: 24.3°C/64%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Trace: 1

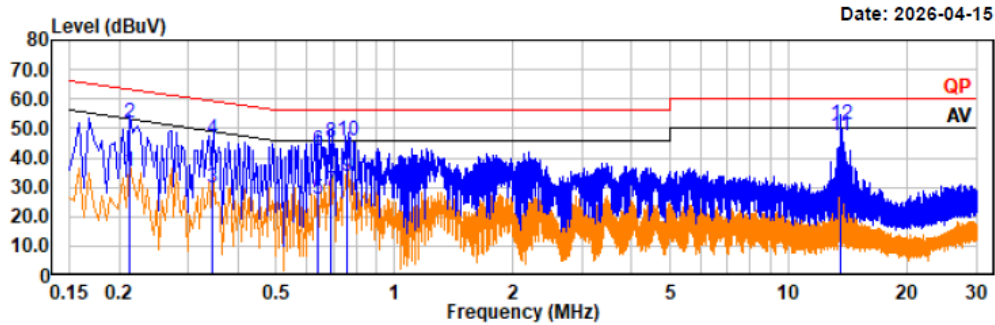
Condition: IF B/W 9kHz PK/AV

Freq MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Phase	Remark
0.29	10.99	20.58	31.57	50.59	19.02	Neutral	Average
0.29	25.75	20.58	46.33	60.59	14.26	Neutral	QP
0.43	10.50	20.45	30.95	47.26	16.31	Neutral	Average
0.43	23.31	20.45	43.76	57.26	13.50	Neutral	QP
0.58	10.33	20.42	30.75	46.00	15.25	Neutral	Average
0.58	24.62	20.42	45.04	56.00	10.96	Neutral	QP
0.72	11.45	20.45	31.90	46.00	14.10	Neutral	Average
0.72	23.81	20.45	44.26	56.00	11.74	Neutral	QP
0.87	8.45	20.47	28.92	46.00	17.08	Neutral	Average
0.87	19.18	20.47	39.65	56.00	16.35	Neutral	QP
13.67	24.52	20.28	44.80	50.00	5.20	Neutral	Average
13.67	27.23	20.28	47.51	60.00	12.49	Neutral	QP

For Configuration 2# (2nd display version)**Tested without NFC card**

Project No.: 2607P42218E-RF
Test Mode: NFC Transimttting
EUT Model: AXIUM DX8

Temp/Humi/ATM: 24.3°C/64%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



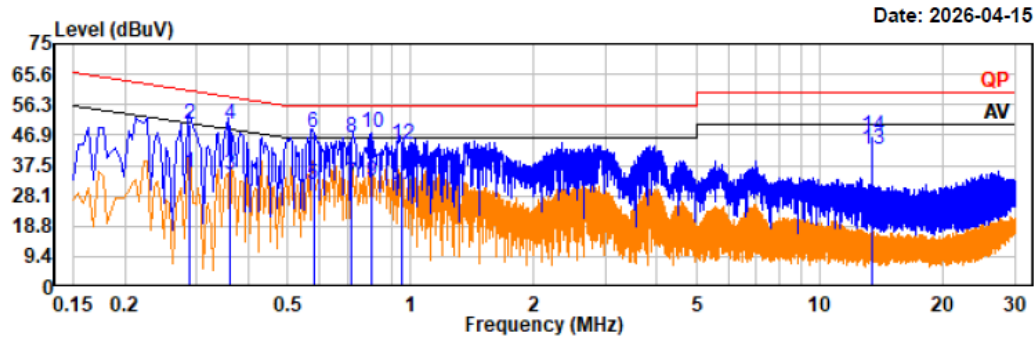
Trace: 1

Condition: IF B/W 9kHz PK/AV

Freq MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Phase	Remark
0.213	14.60	20.65	35.25	53.10	17.85	Line	Average
0.213	31.19	20.65	51.84	63.10	11.26	Line	QP
0.345	9.29	20.54	29.83	49.07	19.24	Line	Average
0.345	25.76	20.54	46.30	59.07	12.77	Line	QP
0.641	5.39	20.47	25.86	46.00	20.14	Line	Average
0.641	21.88	20.47	42.35	56.00	13.65	Line	QP
0.691	8.46	20.49	28.95	46.00	17.05	Line	Average
0.691	24.83	20.49	45.32	56.00	10.68	Line	QP
0.760	13.32	20.50	33.82	46.00	12.18	Line	Average
0.760	25.36	20.50	45.86	56.00	10.14	Line	QP
13.560	27.38	20.28	47.66	50.00	2.34	Line	Average
13.560	30.92	20.28	51.20	60.00	8.80	Line	QP

Project No.: 2607P42218E-RF
 Test Mode: NFC transmitting
 EUT Model: AXIUM DX8

Temp/Humi/ATM: 24.3°C/64%/100.1kPa
 Tested by: Wlif Wu
 Power Source: AC 120V/60Hz



Trace: 1

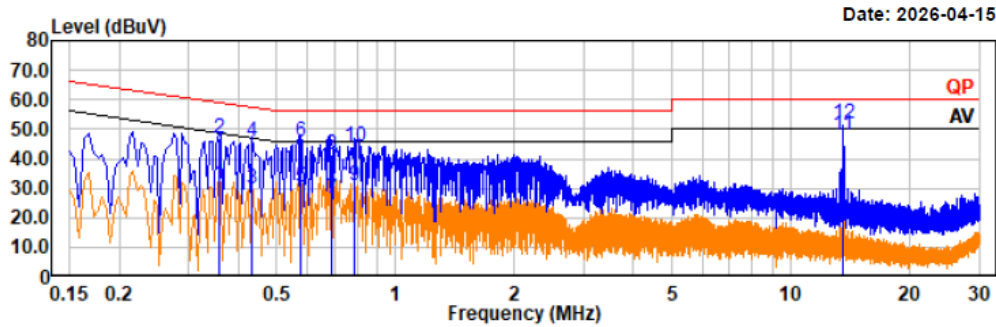
Condition: IF B/W 9kHz PK/AV

Freq MHz	Reading dBUV	Factor dB	Result dBUV	Limit dBUV	Margin dB	Phase	Remark
0.288	14.29	20.65	34.94	50.57	15.63	Neutral	Average
0.288	29.30	20.65	49.95	60.57	10.62	Neutral	QP
0.360	14.12	20.62	34.74	48.72	13.98	Neutral	Average
0.360	29.45	20.62	50.07	58.72	8.65	Neutral	QP
0.579	10.82	20.57	31.39	46.00	14.61	Neutral	Average
0.579	27.27	20.57	47.84	56.00	8.16	Neutral	QP
0.719	11.32	20.56	31.88	46.00	14.12	Neutral	Average
0.719	25.30	20.56	45.86	56.00	10.14	Neutral	QP
0.802	11.96	20.58	32.54	46.00	13.46	Neutral	Average
0.802	27.08	20.58	47.66	56.00	8.34	Neutral	QP
0.951	7.92	20.60	28.52	46.00	17.48	Neutral	Average
0.951	23.32	20.60	43.92	56.00	12.08	Neutral	QP
13.478	22.07	20.59	42.66	50.00	7.34	Neutral	Average
13.478	25.80	20.59	46.39	60.00	13.61	Neutral	QP

Tested with NFC card

Project No.: 2607P42218E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8

Temp/Humi/ATM: 24.3°C/64%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



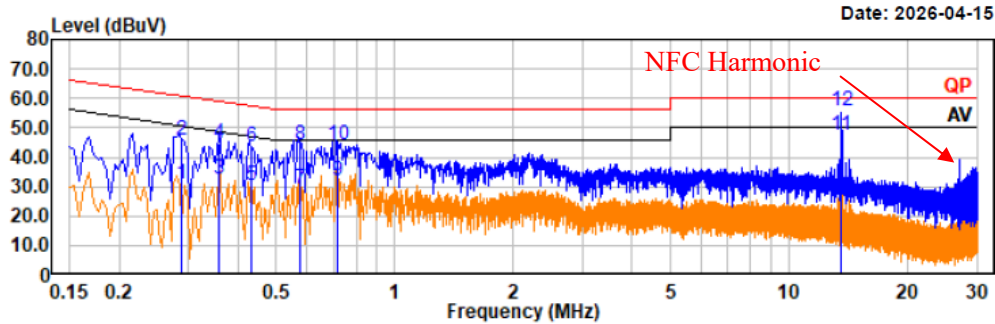
Trace: 1

Condition: IF B/W 9kHz PK/AV

Freq MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Phase	Remark
0.360	10.97	20.52	31.49	48.73	17.24	Line	Average
0.360	26.57	20.52	47.09	58.73	11.64	Line	QP
0.433	9.20	20.48	29.68	47.20	17.52	Line	Average
0.433	25.30	20.48	45.78	57.20	11.42	Line	QP
0.575	10.03	20.46	30.49	46.00	15.51	Line	Average
0.575	25.54	20.46	46.00	56.00	10.00	Line	QP
0.689	5.95	20.49	26.44	46.00	19.56	Line	Average
0.689	21.04	20.49	41.53	56.00	14.47	Line	QP
0.791	10.24	20.50	30.74	46.00	15.26	Line	Average
0.791	23.60	20.50	44.10	56.00	11.90	Line	QP
13.560	27.50	20.28	47.78	50.00	2.22	Line	Average
13.560	31.54	20.28	51.82	60.00	8.18	Line	QP

Project No.: 2607P42218E-RF
 Test Mode: NFC transmitting
 EUT Model: AXIUM DX8

Temp/Humi/ATM: 24.3°C/64%/100.1kPa
 Tested by: Wlif Wu
 Power Source: AC 120V/60Hz



Trace: 1

Condition: IF B/W 9kHz PK/AV

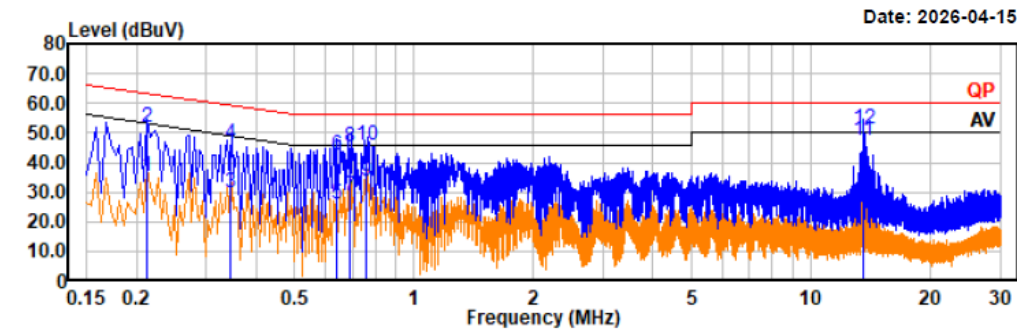
Freq MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Phase	Remark
0.287	10.17	20.59	30.76	50.61	19.85	Neutral	Average
0.287	25.24	20.59	45.83	60.61	14.78	Neutral	QP
0.357	11.83	20.51	32.34	48.79	16.45	Neutral	Average
0.357	24.18	20.51	44.69	58.79	14.10	Neutral	QP
0.433	9.74	20.45	30.19	47.19	17.00	Neutral	Average
0.433	22.89	20.45	43.34	57.19	13.85	Neutral	QP
0.578	9.05	20.42	29.47	46.00	16.53	Neutral	Average
0.578	23.98	20.42	44.40	56.00	11.60	Neutral	QP
0.719	11.58	20.45	32.03	46.00	13.97	Neutral	Average
0.719	23.71	20.45	44.16	56.00	11.84	Neutral	QP
13.554	26.95	20.28	47.23	50.00	2.77	Neutral	Average
13.554	35.65	20.28	55.93	60.00	4.07	Neutral	QP

For Configuration 3# (Basic version)

Tested without NFC card

Project No.: 2607P42218E-RF
 Test Mode: NFC Transimttting
 EUT Model: AXIUM DX8

Temp/Humi/ATM: 24.3℃/64%/100.1kPa
 Tested by: Wlif Wu
 Power Source: AC 120V/60Hz



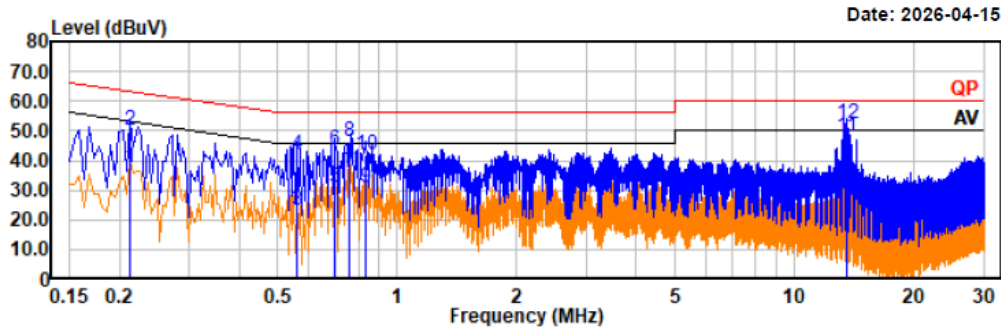
Trace: 1

Condition: IF B/W 9kHz PK/AV

Freq MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Phase	Remark
0.213	14.60	20.65	35.25	53.10	17.85	Line	Average
0.213	31.19	20.65	51.84	63.10	11.26	Line	QP
0.345	9.29	20.54	29.83	49.07	19.24	Line	Average
0.345	25.76	20.54	46.30	59.07	12.77	Line	QP
0.641	5.39	20.47	25.86	46.00	20.14	Line	Average
0.641	21.88	20.47	42.35	56.00	13.65	Line	QP
0.691	8.46	20.49	28.95	46.00	17.05	Line	Average
0.691	24.83	20.49	45.32	56.00	10.68	Line	QP
0.760	13.32	20.50	33.82	46.00	12.18	Line	Average
0.760	25.36	20.50	45.86	56.00	10.14	Line	QP
13.560	27.38	20.28	47.66	50.00	2.34	Line	Average
13.560	30.92	20.28	51.20	60.00	8.80	Line	QP

Project No.: 2607P42218E-RF
Test Mode: NFC Transimttting
EUT Model: AXIUM DX8

Temp/Humi/ATM: 24.3°C/64%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Trace: 1

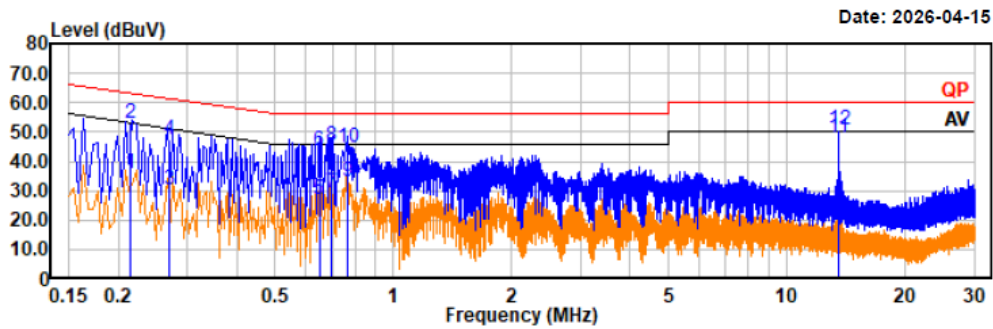
Condition: IF B/W 9kHz PK/AV

Freq MHz	Reading dBUV	Factor dB	Result dBUV	Limit dBUV	Margin dB	Phase	Remark
0.212	16.91	20.68	37.59	53.13	15.54	Neutral	Average
0.212	29.66	20.68	50.34	63.13	12.79	Neutral	QP
0.562	2.91	20.41	23.32	46.00	22.68	Neutral	Average
0.562	21.37	20.41	41.78	56.00	14.22	Neutral	QP
0.694	10.31	20.45	30.76	46.00	15.24	Neutral	Average
0.694	23.09	20.45	43.54	56.00	12.46	Neutral	QP
0.760	15.33	20.46	35.79	46.00	10.21	Neutral	Average
0.760	25.98	20.46	46.44	56.00	9.56	Neutral	QP
0.832	10.27	20.47	30.74	46.00	15.26	Neutral	Average
0.832	21.21	20.47	41.68	56.00	14.32	Neutral	QP
13.562	27.75	20.28	48.03	50.00	1.97	Neutral	Average
13.562	32.31	20.28	52.59	60.00	7.41	Neutral	QP

Tested with NFC card

Project No.: 2607P42218E-RF
Test Mode: NFC Transmitting
EUT Model: AXIUM DX8

Temp/Humi/ATM: 24.3°C/64%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



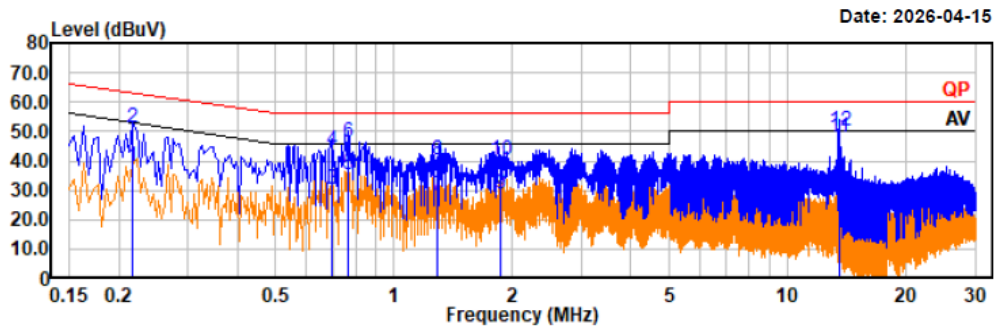
Trace: 1

Condition: IF B/W 9kHz PK/AV

Freq MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Phase	Remark
0.216	15.22	20.65	35.87	52.99	17.12	Line	Average
0.216	32.05	20.65	52.70	62.99	10.29	Line	QP
0.269	9.61	20.59	30.20	51.14	20.94	Line	Average
0.269	26.99	20.59	47.58	61.14	13.56	Line	QP
0.648	6.50	20.48	26.98	46.00	19.02	Line	Average
0.648	23.03	20.48	43.51	56.00	12.49	Line	QP
0.698	8.91	20.49	29.40	46.00	16.60	Line	Average
0.698	25.00	20.49	45.49	56.00	10.51	Line	QP
0.764	12.64	20.50	33.14	46.00	12.86	Line	Average
0.764	24.32	20.50	44.82	56.00	11.18	Line	QP
13.560	27.80	20.28	48.08	50.00	1.92	Line	Average
13.560	30.38	20.28	50.66	60.00	9.34	Line	QP

Project No.: 2607P42218E-RF
Test Mode: NFC Transmitting
EUT Model: AXIUM DX8

Temp/Humi/ATM: 24.3°C/64%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Trace: 1

Condition: IF B/W 9kHz PK/AV

Freq MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Phase	Remark
0.217	17.53	20.68	38.21	52.94	14.73	Neutral	Average
0.217	30.90	20.68	51.58	62.94	11.36	Neutral	QP
0.694	9.86	20.45	30.31	46.00	15.69	Neutral	Average
0.694	23.28	20.45	43.73	56.00	12.27	Neutral	QP
0.766	14.74	20.46	35.20	46.00	10.80	Neutral	Average
0.766	25.63	20.46	46.09	56.00	9.91	Neutral	QP
1.294	7.89	20.43	28.32	46.00	17.68	Neutral	Average
1.294	19.81	20.43	40.24	56.00	15.76	Neutral	QP
1.860	8.12	20.37	28.49	46.00	17.51	Neutral	Average
1.860	19.98	20.37	40.35	56.00	15.65	Neutral	QP
13.565	27.75	20.28	48.03	50.00	1.97	Neutral	Average
13.565	29.96	20.28	50.24	60.00	9.76	Neutral	QP

FCC§15.225, §15.205 & §15.209 & RSS-210 ISSUE 11 CLAUSE ANNEX B B.6- RADIATED EMISSIONS TEST

Applicable Standard

As per FCC Part 15.225

- (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.

As per RSS-210 ISSUE 11 Clause Annex B B.6 13.110-14.010 MHz

Devices in this band shall comply with the following requirements (the more strict limit applies at transition frequencies):

the field strength of any emission shall not exceed the following limits:

- i. 15.848 mV/m (84 dBμV/m) at 30 m, within the band 13.553-13.567 MHz
- ii. 334 μV/m (50.47 dBμV/m) at 30 m, within the bands 13.410-13.553 MHz and 13.567-13.710 MHz
- iii. 106 μV/m (40.51 dBμV/m) at 30 m, within the bands 13.110-13.410 MHz and 13.710-14.010 MHz
- iv. RSS-Gen general field strength limits for frequencies outside the band 13.110 14.010 MHz

If both the single point and the limit distance are equal to or closer to the EUT than $\lambda/2\pi$, then extrapolation to the limit distance shall be calculated using Equation (4):

$$FS_{\text{limit}} = FS_{\text{max}} - 40 \log \left(\frac{d_{\text{limit}}}{d_{\text{measure}}} \right)$$

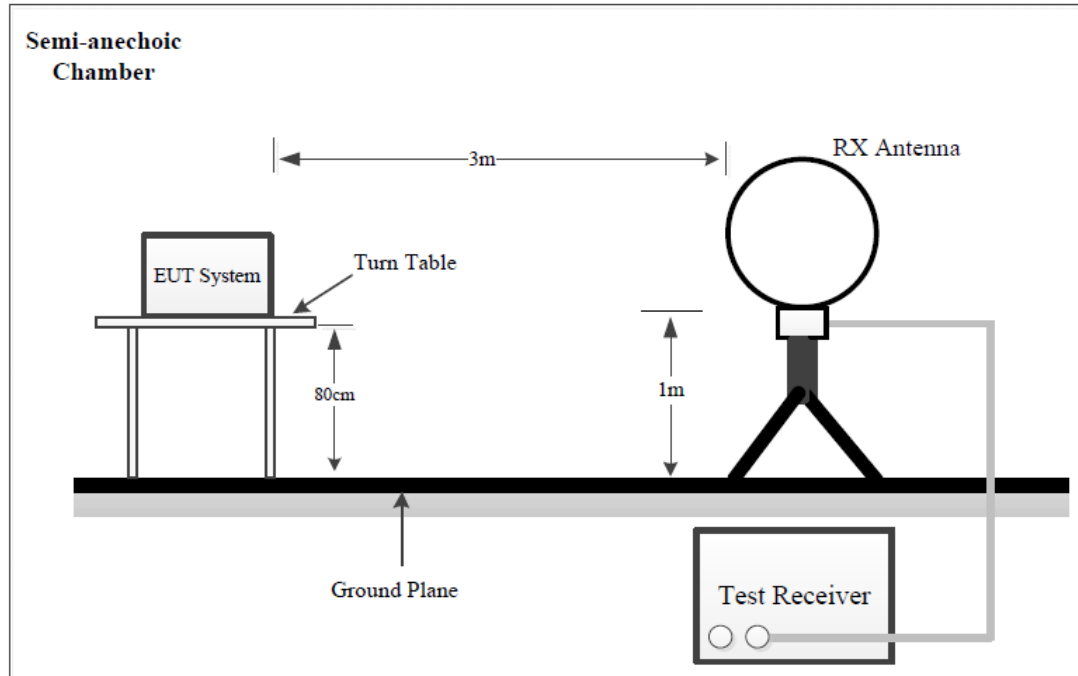
where

FS_{limit}	is the calculation of field strength at the limit distance, expressed in dBμV/m
FS_{max}	is the measured field strength, expressed in dBμV/m
$d_{\text{near field}}$	is the $\lambda/2\pi$ distance
d_{measure}	is the distance of the measurement point from the EUT
d_{limit}	is the reference distance or the distance of the $\lambda/2\pi$ point

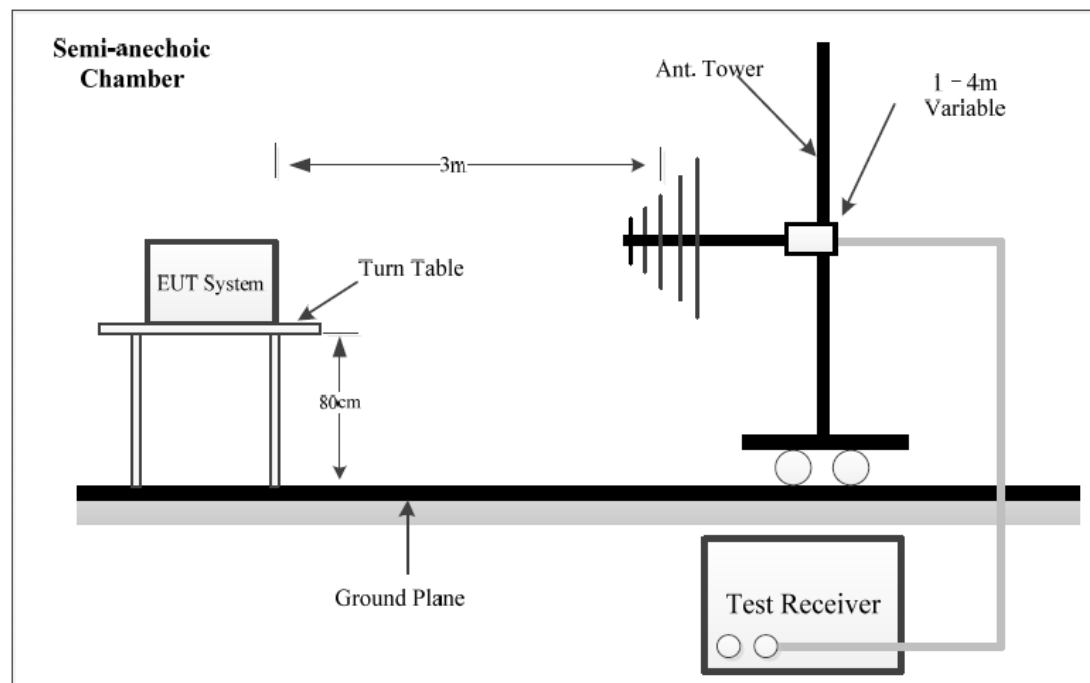
Note: dBμV/m=20 log(μV/m)

Test System Setup

9 kHz-30MHz:



30MHz-1GHz:



The radiated emission tests using the setup accordance with the ANSI C63.10-2020 + Cor.1-2023+C63.10a-2024 + Errata to C63.10a-2024.

The spacing between the peripherals was 10 cm.

EMI Test Receiver Setup

According to FCC Rules, 47 CFR 15.33, the EUT emissions were investigated up to 1000 MHz.

During the radiated emission test, the EMI test Receiver was set with the following configurations:

Frequency Range	RBW	VBW	Measurement
9 kHz – 150 kHz	300Hz	1 kHz	PK
	200Hz	/	QP
150 kHz – 30 MHz	10 kHz	30 kHz	PK
	9kHz	/	QP
30 MHz – 1000 MHz	100 kHz	300 kHz	PK
	120kHz	/	QP

4.2.4 Test Procedure

Maximizing procedure was performed on the highest emissions to ensure that the EUT complied with all installation combinations.

Data was recorded in Quasi-peak detection mode for frequency range of 9 kHz-1 GHz except 9-90 kHz, 110-490 kHz, employing an average detector, peak and Average detection modes for frequencies above 1 GHz.

All emissions under the average limit and under the noise floor have not recorded in the report.

Result & Margin Calculation

The Result is calculated by adding the Antenna Factor and Cable Loss, and subtracting the Amplifier Gain from the Meter Reading. The basic equation is as follows:

Result (dBμV/m) = Meter Reading (dBμV) + Antenna Factor (dB/m) + Cable Loss (dB) - Amplifier Gain (dB)

The “**Margin**” column of the following data tables indicates the degree of compliance with the applicable limit. For example, a margin of 7dB means the emission is 7dB below the limit. The equation for margin calculation is as follows:

Margin (dB) = Limit (dBμV/m) – Result (dBμV/m)

The spurious emission from 9 kHz-30MHz of IC RSS-Gen standard, the unit of final result on the test plots are dBμV/m, so the limit should be added by 51.5dB from dBμA/m to dBμV/m.

Test Data

Frequency Range:	9kHz~30MHz	30MHz~1GHz
Temperature:	21.4℃	21.4℃
Relative Humidity:	51 %	51 %
ATM Pressure:	100.1 kPa	100.1 kPa
Test Date:	2026-04-16	2026-04-16
Test Engineer:	Wlif Wu	Wlif Wu

For Configuration 1# (Scanner version)

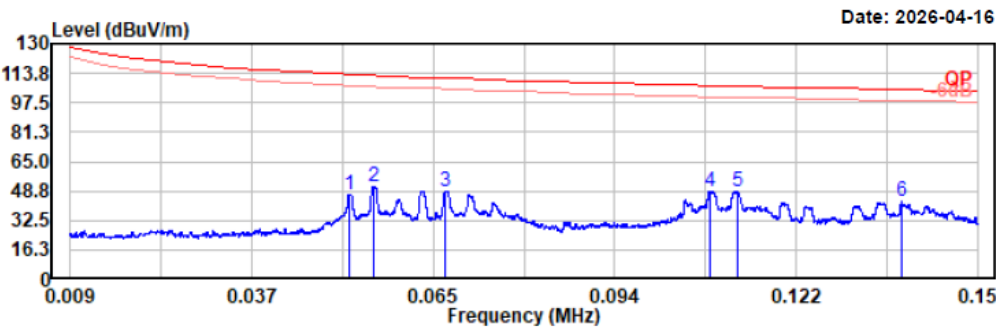
1) 9 kHz~150 kHz:

Tested without NFC card

Parallel

Project No.: 2607P42218E-RF
 Test Mode: NFC transmitting
 EUT Model: AXIUM DX8
 Test distance: 3m

Temp/Humi/ATM: 21.4℃/51%/100.1kPa
 Tested by: Wlif Wu
 Power Source: AC 120V/60Hz



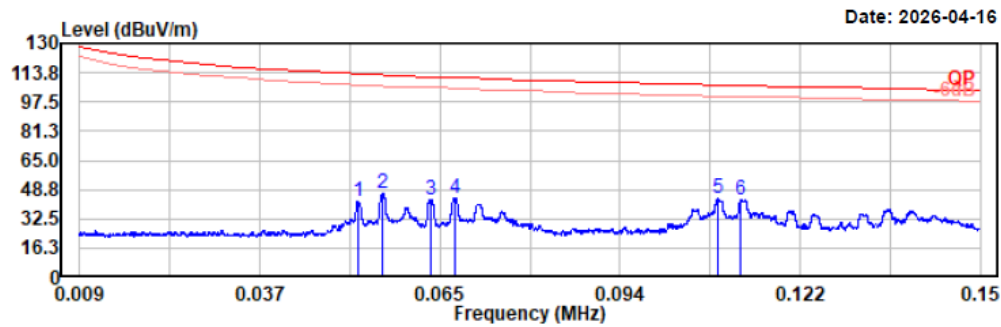
Condition: PK RBW:300Hz VBW:1kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
0.052	27.16	19.91	47.07	113.25	66.18	Peak
0.056	31.64	19.91	51.55	112.64	61.09	Peak
0.067	28.78	19.84	48.62	111.06	62.44	Peak
0.108	28.80	19.73	48.53	106.90	58.37	Peak
0.113	28.73	19.73	48.46	106.57	58.11	Peak
0.138	22.97	19.73	42.70	104.80	62.10	Peak

Perpendicular

Project No.: 2607P42218E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 21.4°C/51%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



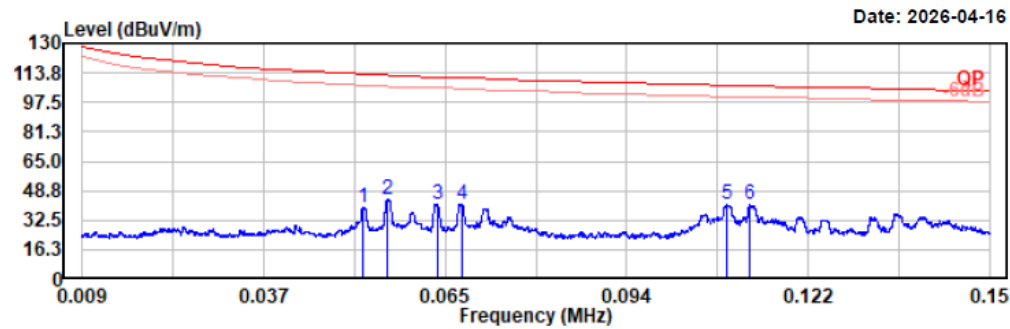
Condition: PK RBW:300Hz VBW:1kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
0.053	22.30	19.91	42.21	113.21	71.00	Peak
0.056	26.38	19.91	46.29	112.57	66.28	Peak
0.064	23.35	19.87	43.22	111.47	68.25	Peak
0.068	23.75	19.83	43.58	110.99	67.41	Peak
0.109	23.96	19.73	43.69	106.87	63.18	Peak
0.113	23.35	19.73	43.08	106.58	63.50	Peak

Ground-parallel

Project No.: 2607P42218E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 21.4°C/51%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Condition: PK RBW:300Hz VBW:1kHz SWT:auto

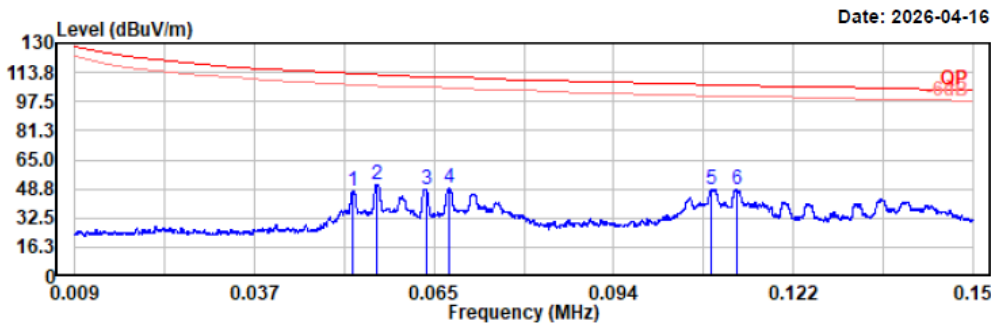
Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
0.053	19.62	19.91	39.53	113.17	73.64	Peak
0.057	23.98	19.91	43.89	112.57	68.68	Peak
0.064	21.44	19.87	41.31	111.45	70.14	Peak
0.068	21.26	19.83	41.09	110.96	69.87	Peak
0.109	21.44	19.73	41.17	106.84	65.67	Peak
0.113	21.28	19.73	41.01	106.57	65.56	Peak

Tested with NFC card

Parallel

Project No.: 2607P42218E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 21.4°C/51%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



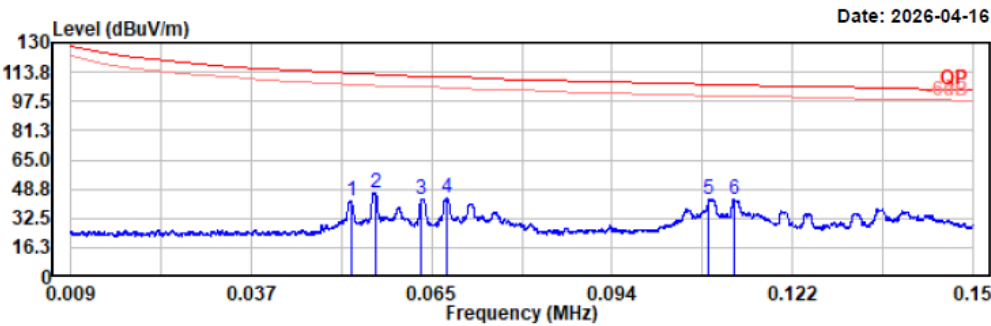
Condition: PK RBW:300Hz VBW:1kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
0.053	27.36	19.91	47.27	113.17	65.90	Peak
0.056	31.53	19.91	51.44	112.58	61.14	Peak
0.064	28.72	19.87	48.59	111.45	62.86	Peak
0.068	29.25	19.83	49.08	110.98	61.90	Peak
0.109	28.97	19.73	48.70	106.86	58.16	Peak
0.113	28.41	19.73	48.14	106.56	58.42	Peak

Perpendicular

Project No.: 2607P42218E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 21.4°C/51%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



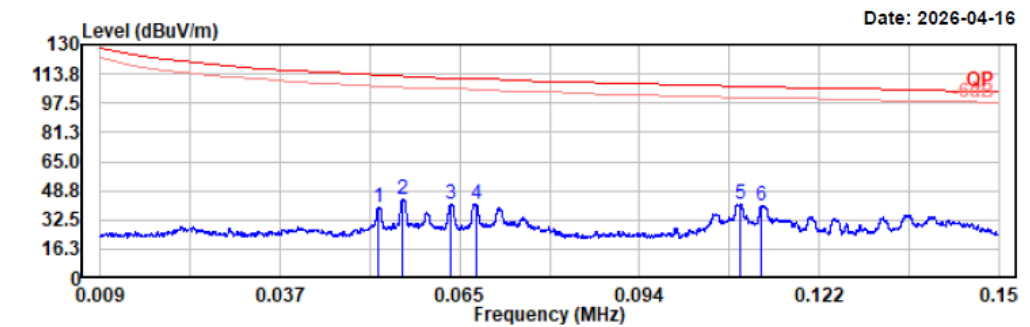
Condition: PK RBW:300Hz VBW:1kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
0.053	22.21	19.91	42.12	113.16	71.04	Peak
0.057	26.47	19.91	46.38	112.55	66.17	Peak
0.064	23.22	19.87	43.09	111.52	68.43	Peak
0.068	23.87	19.83	43.70	110.99	67.29	Peak
0.109	23.62	19.73	43.35	106.87	63.52	Peak
0.113	23.44	19.73	43.17	106.58	63.41	Peak

Ground-parallel

Project No.: 2607P42218E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 21.4°C/51%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Condition: PK RBW:300Hz VBW:1kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
0.053	19.56	19.91	39.47	113.19	73.72	Peak
0.056	23.87	19.91	43.78	112.60	68.82	Peak
0.064	21.18	19.87	41.05	111.50	70.45	Peak
0.068	21.19	19.83	41.02	110.95	69.93	Peak
0.109	21.28	19.73	41.01	106.82	65.81	Peak
0.113	21.03	19.73	40.76	106.57	65.81	Peak

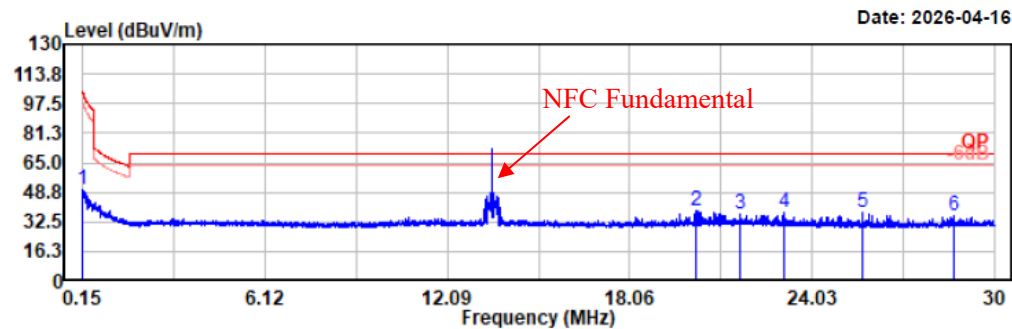
2) 150kHz-30MHz

Tested without NFC card

Parallel

Project No.: 2607P42218E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 21.4°C/51%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



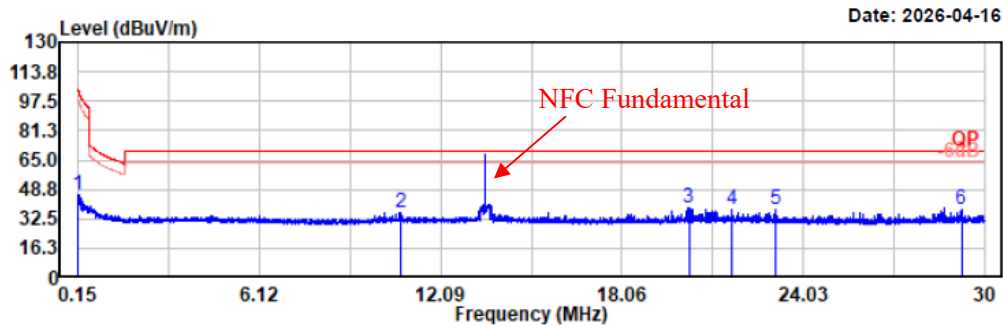
Condition: PK RBW:10kHz VBW:30kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
0.159	30.10	19.72	49.82	103.58	53.76	Peak
20.257	18.34	20.10	38.44	69.54	31.10	Peak
21.663	16.96	20.13	37.09	69.54	32.45	Peak
23.129	17.81	20.17	37.98	69.54	31.56	Peak
25.693	17.62	20.18	37.80	69.54	31.74	Peak
28.687	15.80	20.03	35.83	69.54	33.71	Peak

Perpendicular

Project No.: 2607P42218E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 21.4°C/51%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



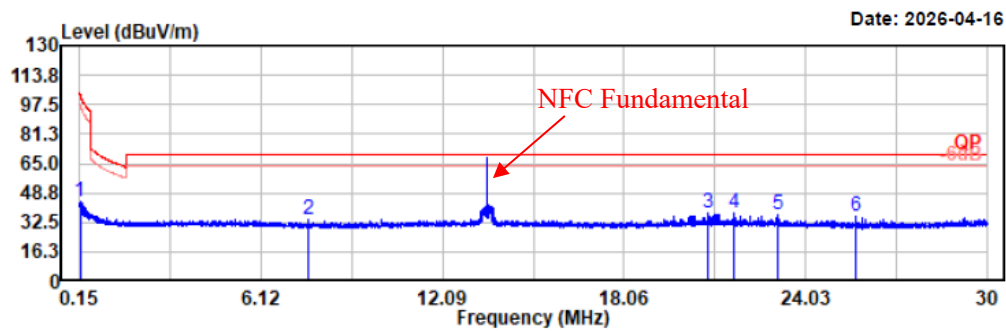
Condition: PK RBW:10kHz VBW:30kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
0.162	26.02	19.72	45.74	103.42	57.68	Peak
10.795	16.15	19.71	35.86	69.54	33.68	Peak
20.260	18.74	20.10	38.84	69.54	30.70	Peak
21.663	17.29	20.13	37.42	69.54	32.12	Peak
23.132	17.78	20.17	37.95	69.54	31.59	Peak
29.236	17.49	20.00	37.49	69.54	32.05	Peak

Ground-parallel

Project No.: 2607P42218E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 21.4°C/51%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Condition: PK RBW:10kHz VBW:30kHz SWT:auto

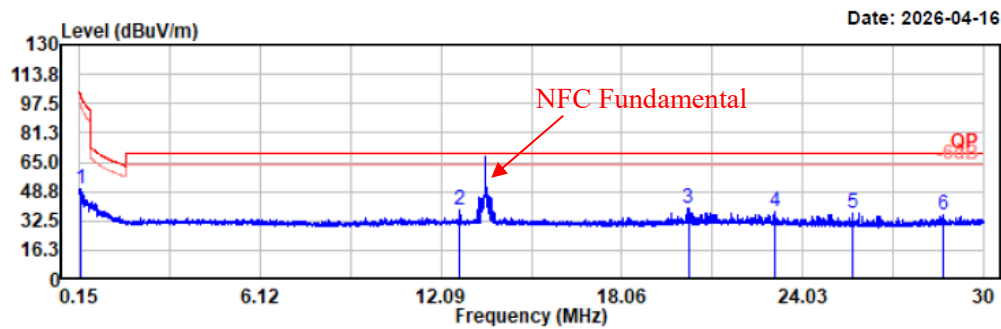
Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
0.168	23.82	19.72	43.54	103.10	59.56	Peak
7.675	14.38	19.68	34.06	69.54	35.48	Peak
20.809	17.38	20.11	37.49	69.54	32.05	Peak
21.663	17.40	20.13	37.53	69.54	32.01	Peak
23.129	16.22	20.17	36.39	69.54	33.15	Peak
25.696	15.25	20.18	35.43	69.54	34.11	Peak

Tested with NFC card

Parallel

Project No.: 2607P42218E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 21.4°C/51%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



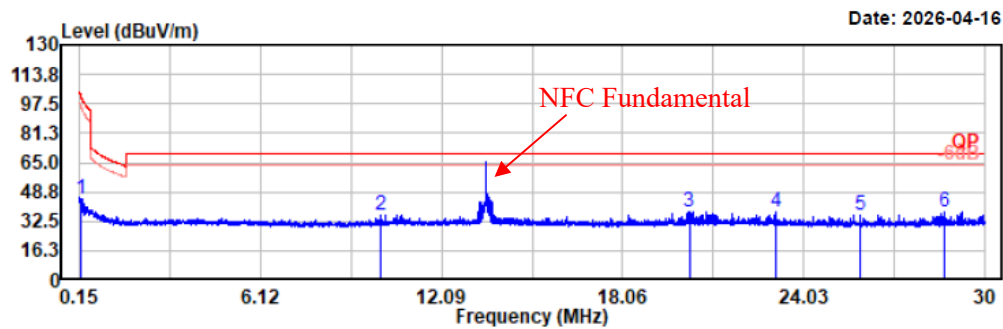
Condition: PK RBW:10kHz VBW:30kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
0.213	30.26	19.72	49.98	101.05	51.07	Peak
12.711	18.89	19.73	38.62	69.54	30.92	Peak
20.260	19.23	20.10	39.33	69.54	30.21	Peak
23.129	17.48	20.17	37.65	69.54	31.89	Peak
25.696	16.70	20.18	36.88	69.54	32.66	Peak
28.687	15.82	20.03	35.85	69.54	33.69	Peak

Perpendicular

Project No.: 2607P42218E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 21.4°C/51%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



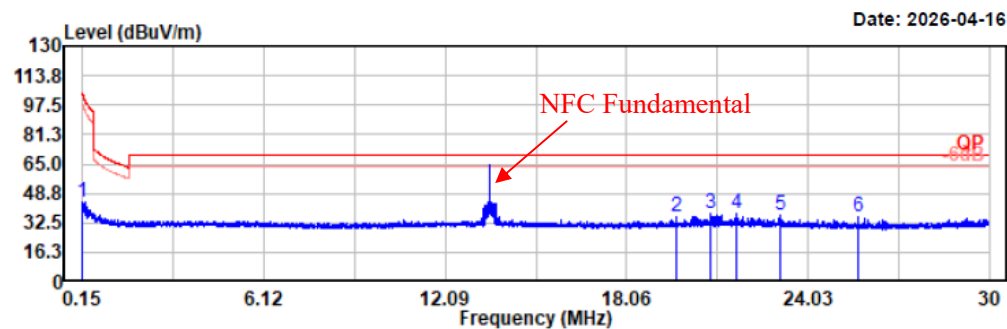
Condition: PK RBW:10kHz VBW:30kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
0.213	25.54	19.72	45.26	101.05	55.79	Peak
10.060	16.49	19.70	36.19	69.54	33.35	Peak
20.260	17.97	20.10	38.07	69.54	31.47	Peak
23.129	17.79	20.17	37.96	69.54	31.58	Peak
25.878	15.92	20.17	36.09	69.54	33.45	Peak
28.687	17.80	20.03	37.83	69.54	31.71	Peak

Ground-parallel

Project No.: 2607P42218E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 21.4°C/51%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Condition: PK RBW:10kHz VBW:30kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
0.162	24.22	19.72	43.94	103.42	59.48	Peak
19.711	15.47	20.07	35.54	69.54	34.00	Peak
20.809	17.87	20.11	37.98	69.54	31.56	Peak
21.666	17.63	20.13	37.76	69.54	31.78	Peak
23.132	16.63	20.17	36.80	69.54	32.74	Peak
25.693	15.73	20.18	35.91	69.54	33.63	Peak

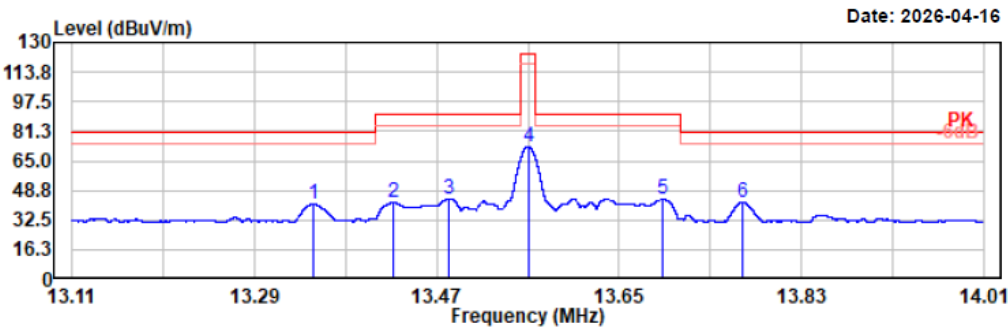
3) 13.11MHz-14.01MHz:

Tested without NFC card

Parallel

Project No.: 2607P42218E-RF
 Test Mode: NFC transmitting
 EUT Model: AXIUM DX8
 Test distance: 3m

Temp/Humi/ATM: 21.4°C/51%/100.1kPa
 Tested by: Wlif Wu
 Power Source: AC 120V/60Hz



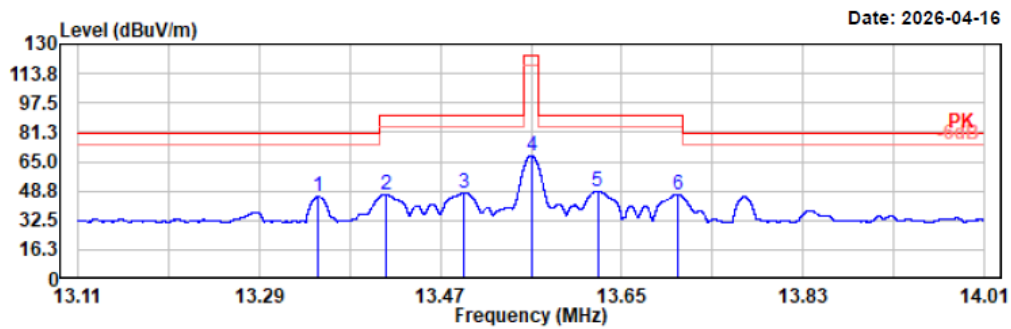
Condition: PK RBW:10kHz VBW:30kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
13.348	21.41	19.74	41.15	80.51	39.36	Peak
13.427	22.38	19.74	42.12	90.47	48.35	Peak
13.482	24.43	19.74	44.17	90.47	46.30	Peak
13.560	52.99	19.74	72.73	124.00	51.27	Peak
13.693	24.04	19.74	43.78	90.47	46.69	Peak
13.772	22.50	19.75	42.25	80.51	38.26	Peak

Perpendicular

Project No.: 2607P42218E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 21.4°C/51%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



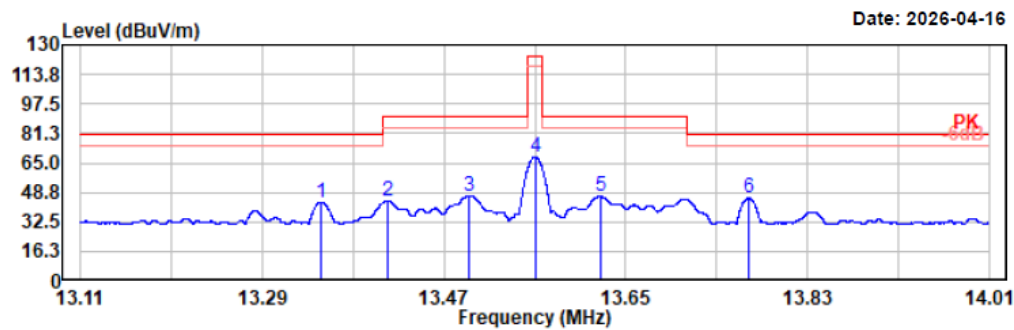
Condition: PK RBW:10kHz VBW:30kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
13.349	25.78	19.74	45.52	80.51	34.99	Peak
13.416	27.04	19.74	46.78	90.47	43.69	Peak
13.494	28.00	19.74	47.74	90.47	42.73	Peak
13.560	48.52	19.74	68.26	124.00	55.74	Peak
13.626	28.98	19.74	48.72	90.47	41.75	Peak
13.705	27.19	19.74	46.93	90.47	43.54	Peak

Ground-parallel

Project No.: 2607P42218E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 21.4°C/51%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Condition: PK RBW:10kHz VBW:30kHz SWT:auto

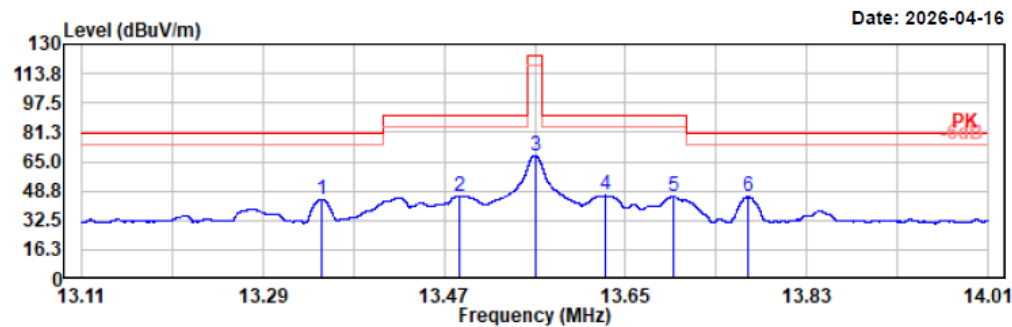
Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
13.348	23.48	19.74	43.22	80.51	37.29	Peak
13.414	24.17	19.74	43.91	90.47	46.56	Peak
13.495	27.33	19.74	47.07	90.47	43.40	Peak
13.560	48.40	19.74	68.14	124.00	55.86	Peak
13.625	26.69	19.74	46.43	90.47	44.04	Peak
13.772	25.64	19.75	45.39	80.51	35.12	Peak

Tested with NFC card

Parallel

Project No.: 2607P42218E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 21.4°C/51%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



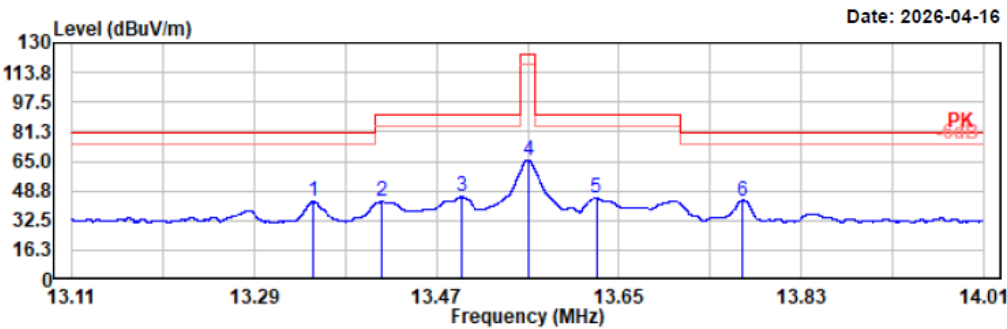
Condition: PK RBW:10kHz VBW:30kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
13.348	24.50	19.74	44.24	80.51	36.27	Peak
13.484	26.33	19.74	46.07	90.47	44.40	Peak
13.560	48.55	19.74	68.29	124.00	55.71	Peak
13.630	26.44	19.74	46.18	90.47	44.29	Peak
13.697	25.85	19.74	45.59	90.47	44.88	Peak
13.772	25.88	19.75	45.63	80.51	34.88	Peak

Perpendicular

Project No.: 2607P42218E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 21.4°C/51%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



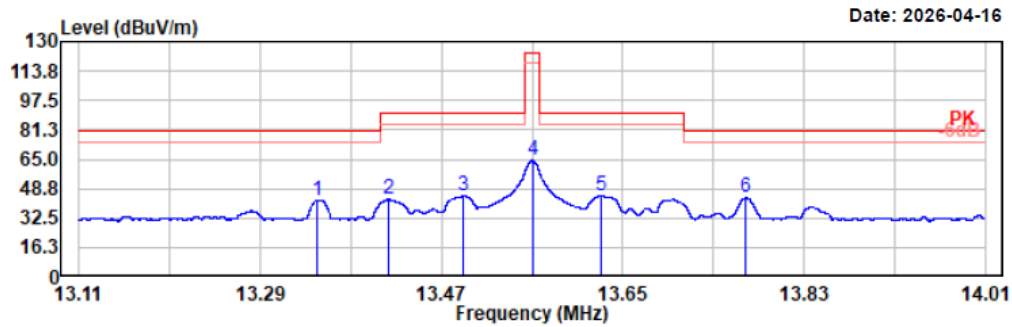
Condition: PK RBW:10kHz VBW:30kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
13.348	23.16	19.74	42.90	80.51	37.61	Peak
13.416	22.93	19.74	42.67	90.47	47.80	Peak
13.495	25.64	19.74	45.38	90.47	45.09	Peak
13.560	45.80	19.74	65.54	124.00	58.46	Peak
13.628	25.03	19.74	44.77	90.47	45.70	Peak
13.771	23.66	19.75	43.41	80.51	37.10	Peak

Ground-parallel

Project No.: 2607P42218E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 21.4°C/51%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Condition: PK RBW:10kHz VBW:30kHz SWT:auto

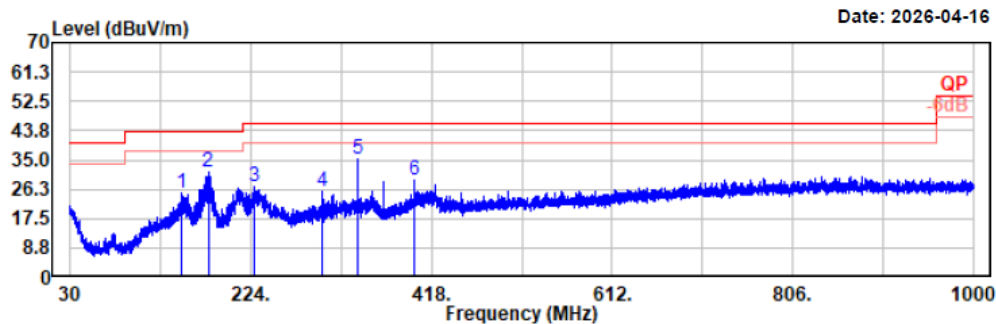
Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
13.347	22.78	19.74	42.52	80.51	37.99	Peak
13.417	22.96	19.74	42.70	90.47	47.77	Peak
13.492	24.79	19.74	44.53	90.47	45.94	Peak
13.560	44.42	19.74	64.16	124.00	59.84	Peak
13.628	25.11	19.74	44.85	90.47	45.62	Peak
13.772	23.76	19.75	43.51	80.51	37.00	Peak

4) 30MHz-1GHz

Tested without NFC card

Project No.: 2607P42218E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 21.4°C/51%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

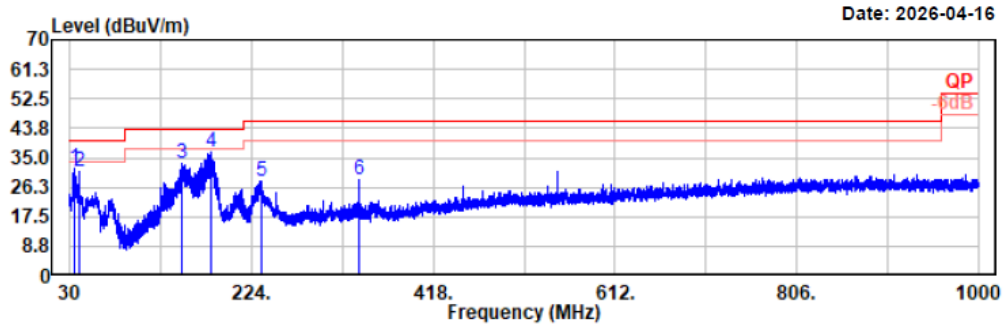


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
149.99	36.14	-11.20	24.94	43.50	18.56	Horizontal	Peak
178.22	43.73	-12.19	31.54	43.50	11.96	Horizontal	Peak
227.30	39.29	-12.38	26.91	46.00	19.09	Horizontal	Peak
299.95	34.70	-9.18	25.52	46.00	20.48	Horizontal	Peak
338.95	43.54	-8.34	35.20	46.00	10.80	Horizontal	Peak
399.96	35.53	-6.40	29.13	46.00	16.87	Horizontal	Peak

Project No.: 2607P42218E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 21.4°C/51%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



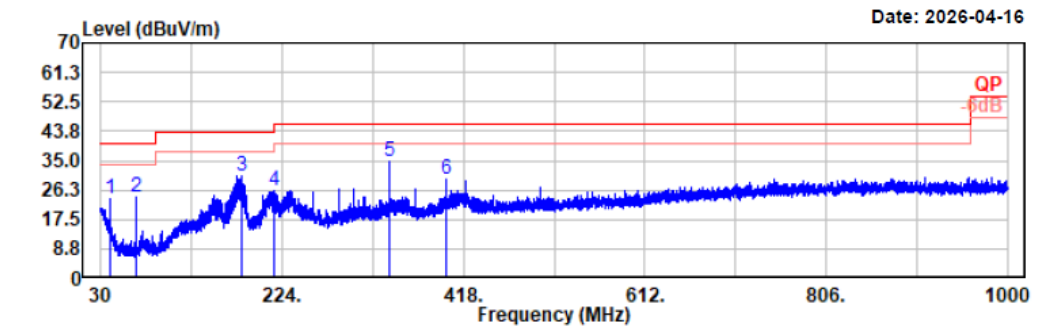
Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
34.46	39.80	-7.75	32.05	40.00	7.95	Vertical	Peak
40.67	42.83	-12.11	30.72	40.00	9.28	Vertical	Peak
149.99	44.46	-11.20	33.26	43.50	10.24	Vertical	Peak
181.22	49.05	-12.35	36.70	43.50	6.80	Vertical	Peak
234.57	40.08	-12.08	28.00	46.00	18.00	Vertical	Peak
338.95	36.71	-8.34	28.37	46.00	17.63	Vertical	Peak

Tested with NFC card

Project No.: 2607P42218E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 21.4°C/51%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

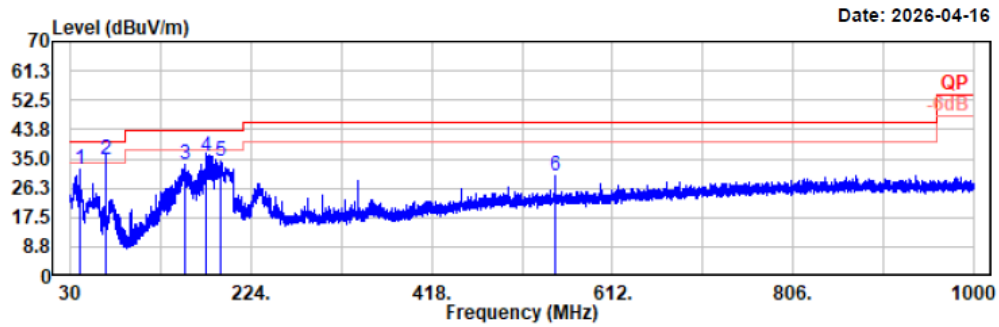


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
40.67	35.87	-12.11	23.76	40.00	16.24	Horizontal	Peak
67.73	41.38	-17.09	24.29	40.00	15.71	Horizontal	Peak
181.22	42.64	-12.35	30.29	43.50	13.21	Horizontal	Peak
216.34	38.59	-12.69	25.90	46.00	20.10	Horizontal	Peak
338.95	42.98	-8.34	34.64	46.00	11.36	Horizontal	Peak
400.06	36.05	-6.40	29.65	46.00	16.35	Horizontal	Peak

Project No.: 2607P42218E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 21.4°C/51%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
40.67	43.86	-12.11	31.75	40.00	8.25	Vertical	Peak
67.73	51.72	-17.09	34.63	40.00	5.37	Vertical	QP
152.90	44.36	-11.28	33.08	43.50	10.42	Vertical	Peak
176.28	47.91	-12.12	35.79	43.50	7.71	Vertical	QP
191.80	46.46	-12.17	34.29	43.50	9.21	Vertical	Peak
549.92	32.60	-2.73	29.87	46.00	16.13	Vertical	Peak

For Configuration 2# (2nd display version)

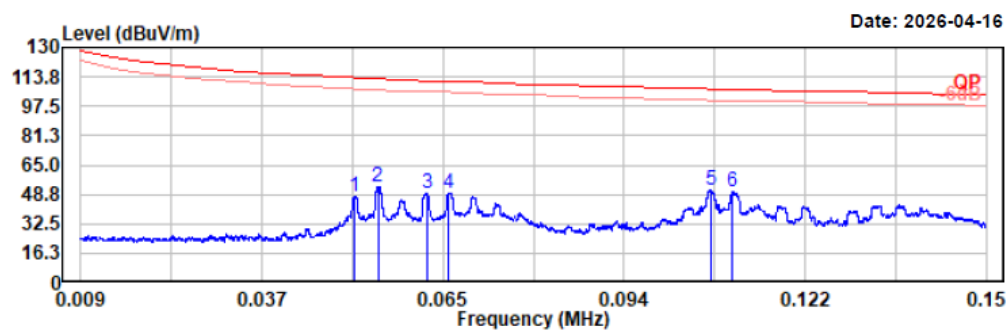
1) 9 kHz~150 kHz:

Tested without NFC card

Parallel

Project No.: 2607P42218E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 21.4°C/51%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



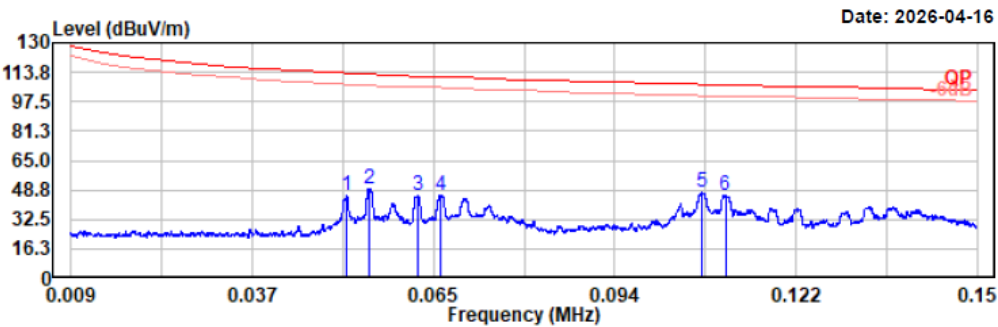
Condition: PK RBW:300Hz VBW:1kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
0.052	28.02	19.91	47.93	113.35	65.42	Peak
0.055	32.98	19.91	52.89	112.76	59.87	Peak
0.063	29.19	19.88	49.07	111.63	62.56	Peak
0.066	29.74	19.85	49.59	111.18	61.59	Peak
0.107	31.04	19.73	50.77	107.01	56.24	Peak
0.111	30.45	19.73	50.18	106.74	56.56	Peak

Perpendicular

Project No.: 2607P42218E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 21.4°C/51%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



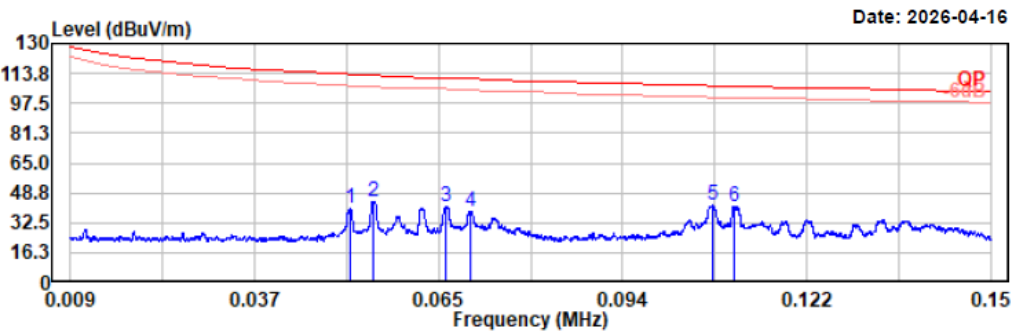
Condition: PK RBW:300Hz VBW:1kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
0.052	25.64	19.91	45.55	113.31	67.76	Peak
0.055	29.48	19.91	49.39	112.76	63.37	Peak
0.063	25.58	19.88	45.46	111.63	66.17	Peak
0.067	26.32	19.84	46.16	111.14	64.98	Peak
0.107	27.35	19.73	47.08	107.00	59.92	Peak
0.111	26.21	19.73	45.94	106.72	60.78	Peak

Ground-parallel

Project No.: 2607P42218E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 21.4°C/51%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Condition: PK RBW:300Hz VBW:1kHz SWT:auto

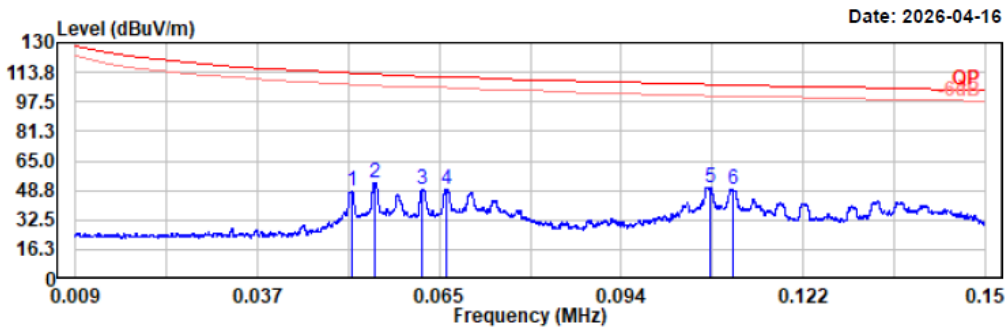
Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
0.052	20.00	19.91	39.91	113.33	73.42	Peak
0.055	24.41	19.91	44.32	112.75	68.43	Peak
0.067	21.33	19.84	41.17	111.15	69.98	Peak
0.070	19.04	19.81	38.85	110.66	71.81	Peak
0.107	22.04	19.73	41.77	106.99	65.22	Peak
0.111	21.24	19.73	40.97	106.73	65.76	Peak

Tested with NFC card

Parallel

Project No.: 2607P42218E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 21.4°C/51%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



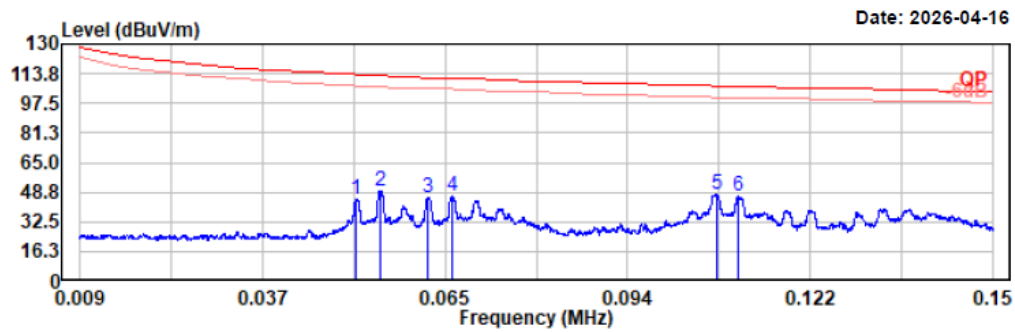
Condition: PK RBW:300Hz VBW:1kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
0.052	28.25	19.91	48.16	113.31	65.15	Peak
0.055	32.75	19.91	52.66	112.76	60.10	Peak
0.063	29.17	19.88	49.05	111.65	62.60	Peak
0.066	29.60	19.85	49.45	111.15	61.70	Peak
0.107	30.73	19.73	50.46	106.98	56.52	Peak
0.111	29.38	19.73	49.11	106.71	57.60	Peak

Perpendicular

Project No.: 2607P42218E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 21.4°C/51%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



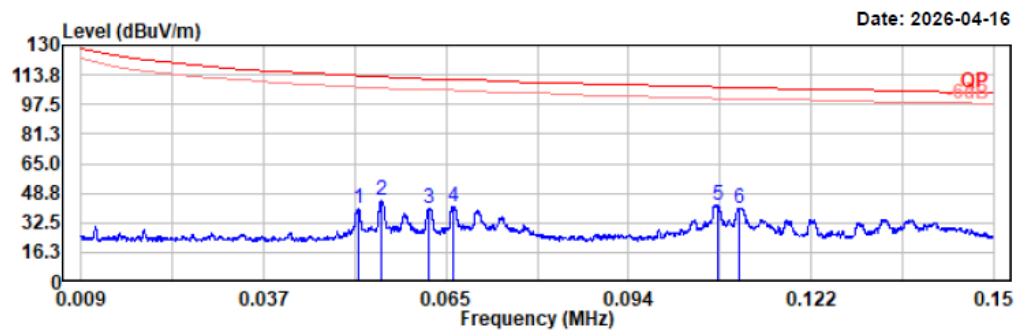
Condition: PK RBW:300Hz VBW:1kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
0.052	24.94	19.91	44.85	113.34	68.49	Peak
0.055	29.44	19.91	49.35	112.75	63.40	Peak
0.063	25.47	19.88	45.35	111.67	66.32	Peak
0.067	26.40	19.84	46.24	111.14	64.90	Peak
0.107	27.46	19.73	47.19	106.99	59.80	Peak
0.111	26.45	19.73	46.18	106.73	60.55	Peak

Ground-parallel

Project No.: 2607P42218E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 21.4°C/51%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Condition: PK RBW:300Hz VBW:1kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
0.052	20.39	19.91	40.30	113.31	73.01	Peak
0.055	24.69	19.91	44.60	112.74	68.14	Peak
0.063	20.48	19.88	40.36	111.67	71.31	Peak
0.066	21.36	19.85	41.21	111.15	69.94	Peak
0.107	22.22	19.73	41.95	107.00	65.05	Peak
0.111	21.01	19.73	40.74	106.73	65.99	Peak

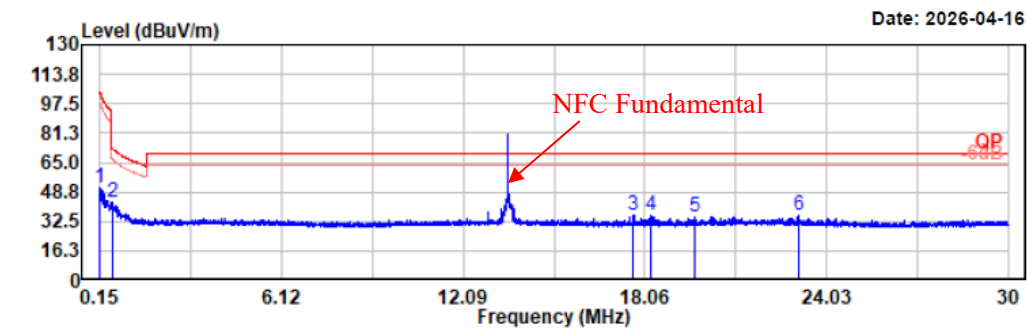
2) 150kHz-30MHz

Tested without NFC card

Parallel

Project No.: 2607P42218E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 21.4°C/51%/100.1kPa
Tested by: Wliff Wu
Power Source: AC 120V/60Hz



Condition: PK RBW:10kHz VBW:30kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
0.162	31.48	19.72	51.20	103.42	52.22	Peak
0.556	23.09	19.80	42.89	72.70	29.81	Peak
17.693	16.12	19.94	36.06	69.54	33.48	Peak
18.242	15.94	19.97	35.91	69.54	33.63	Peak
19.708	15.04	20.07	35.11	69.54	34.43	Peak
23.129	15.91	20.17	36.08	69.54	33.46	Peak

Perpendicular

Project No.: 2607P42218E-RF

Test Mode: NFC transmitting

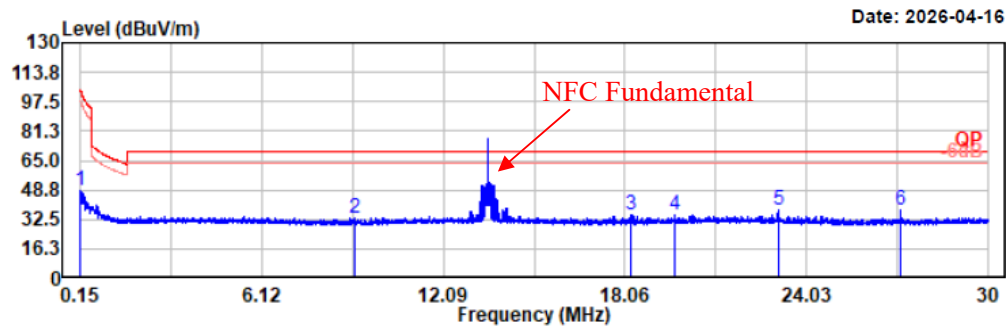
EUT Model: AXIUM DX8

Test distance: 3m

Temp/Humi/ATM: 21.4°C/51%/100.1kPa

Tested by: Wlif Wu

Power Source: AC 120V/60Hz



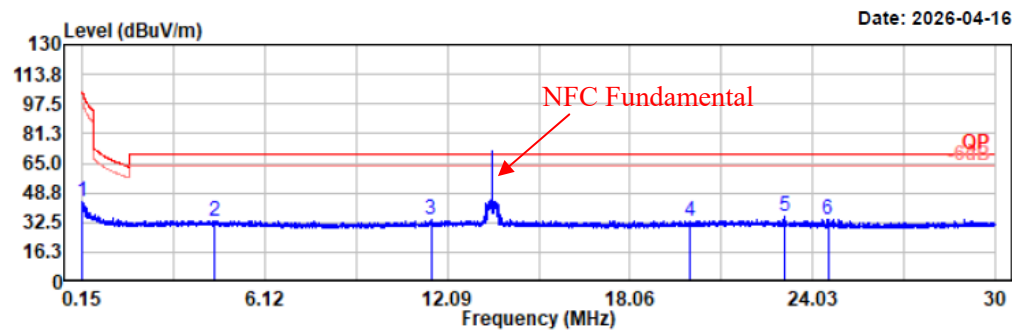
Condition: PK RBW:10kHz VBW:30kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
0.156	28.39	19.72	48.11	103.74	55.63	Peak
9.153	13.79	19.70	33.49	69.54	36.05	Peak
18.245	15.22	19.97	35.19	69.54	34.35	Peak
19.708	14.90	20.07	34.97	69.54	34.57	Peak
23.129	17.18	20.17	37.35	69.54	32.19	Peak
27.122	17.80	20.11	37.91	69.54	31.63	Peak

Ground-parallel

Project No.: 2607P42218E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 21.4°C/51%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Condition: PK RBW:10kHz VBW:30kHz SWT:auto

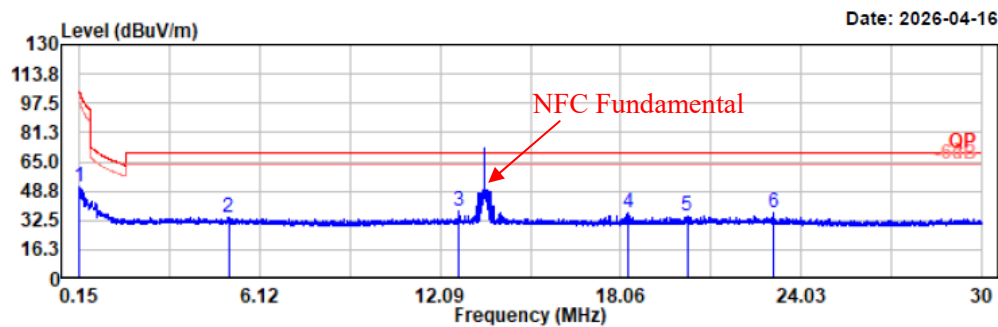
Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
0.165	24.29	19.72	44.01	103.26	59.25	Peak
4.475	13.62	19.71	33.33	69.54	36.21	Peak
11.550	14.28	19.72	34.00	69.54	35.54	Peak
20.015	13.28	20.09	33.37	69.54	36.17	Peak
23.132	15.38	20.17	35.55	69.54	33.99	Peak
24.534	14.02	20.21	34.23	69.54	35.31	Peak

Tested with NFC card

Parallel

Project No.: 2607P42218E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 21.4°C/51%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



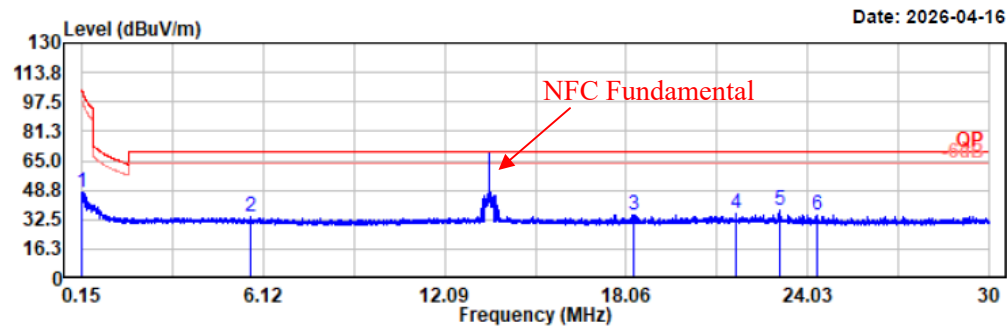
Condition: PK RBW:10kHz VBW:30kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
0.162	31.29	19.72	51.01	103.42	52.41	Peak
5.084	14.31	19.68	33.99	69.54	35.55	Peak
12.711	17.65	19.73	37.38	69.54	32.16	Peak
18.305	16.52	19.98	36.50	69.54	33.04	Peak
20.260	14.88	20.10	34.98	69.54	34.56	Peak
23.132	16.23	20.17	36.40	69.54	33.14	Peak

Perpendicular

Project No.: 2607P42218E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 21.4°C/51%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



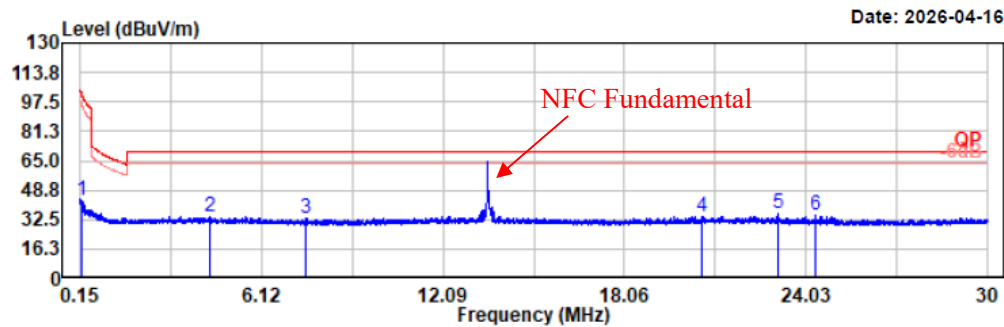
Condition: PK RBW:10kHz VBW:30kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
0.156	28.21	19.72	47.93	103.74	55.81	Peak
5.696	13.98	19.77	33.75	69.54	35.79	Peak
18.305	15.39	19.98	35.37	69.54	34.17	Peak
21.660	15.30	20.13	35.43	69.54	34.11	Peak
23.132	17.92	20.17	38.09	69.54	31.45	Peak
24.349	14.95	20.21	35.16	69.54	34.38	Peak

Ground-parallel

Project No.: 2607P42218E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 21.4°C/51%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Condition: PK RBW:10kHz VBW:30kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
0.216	23.74	19.72	43.46	100.93	57.47	Peak
4.413	14.13	19.72	33.85	69.54	35.69	Peak
7.592	13.81	19.68	33.49	69.54	36.05	Peak
20.630	14.20	20.10	34.30	69.54	35.24	Peak
23.129	16.08	20.17	36.25	69.54	33.29	Peak
24.349	15.08	20.21	35.29	69.54	34.25	Peak

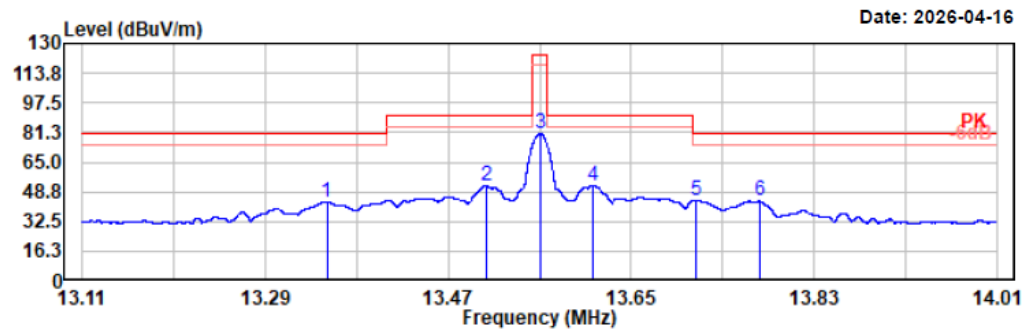
3) 13.11MHz-14.01MHz:

Tested without NFC card

Parallel

Project No.: 2607P42218E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 21.4°C/51%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Condition: PK RBW:10kHz VBW:30kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
13.351	23.52	19.74	43.26	80.51	37.25	Peak
13.507	32.33	19.74	52.07	90.47	38.40	Peak
13.560	60.80	19.74	80.54	124.00	43.46	Peak
13.613	32.51	19.74	52.25	90.47	38.22	Peak
13.713	24.55	19.74	44.29	80.51	36.22	Peak
13.776	23.80	19.75	43.55	80.51	36.96	Peak

Perpendicular

Project No.: 2607P42218E-RF

Test Mode: NFC transmitting

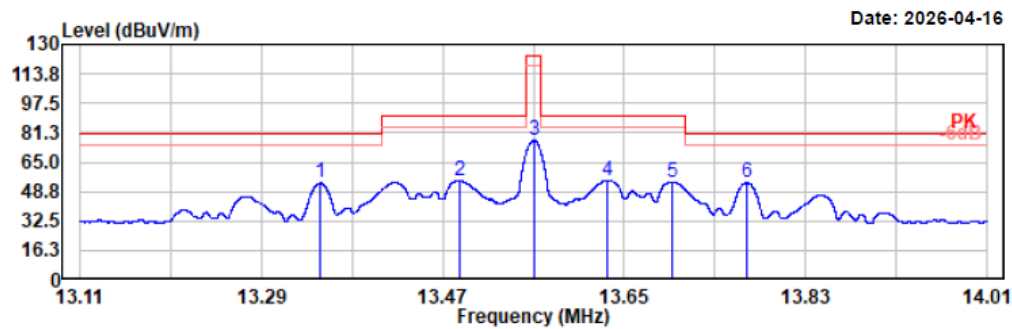
EUT Model: AXIUM DX8

Test distance: 3m

Temp/Humi/ATM: 21.4°C/51%/100.1kPa

Tested by: Wlif Wu

Power Source: AC 120V/60Hz



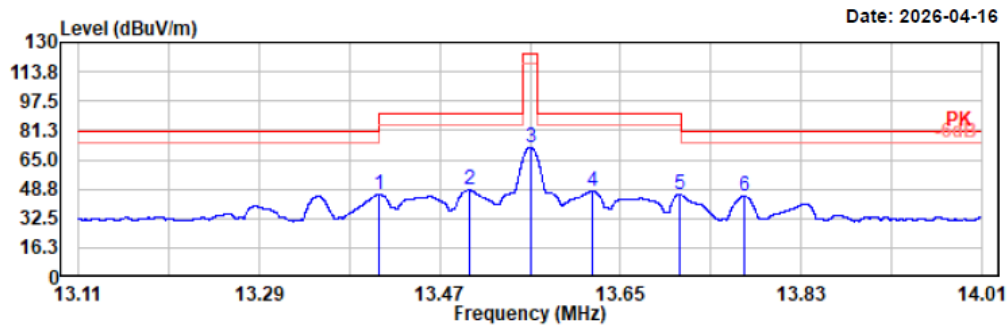
Condition: PK RBW:10kHz VBW:30kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
13.348	33.65	19.74	53.39	80.51	27.12	Peak
13.486	34.93	19.74	54.67	90.47	35.80	Peak
13.560	57.24	19.74	76.98	124.00	47.02	Peak
13.634	35.08	19.74	54.82	90.47	35.65	Peak
13.698	34.21	19.74	53.95	90.47	36.52	Peak
13.772	33.91	19.75	53.66	80.51	26.85	Peak

Ground-parallel

Project No.: 2607P42218E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 21.4°C/51%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Condition: PK RBW:10kHz VBW:30kHz SWT:auto

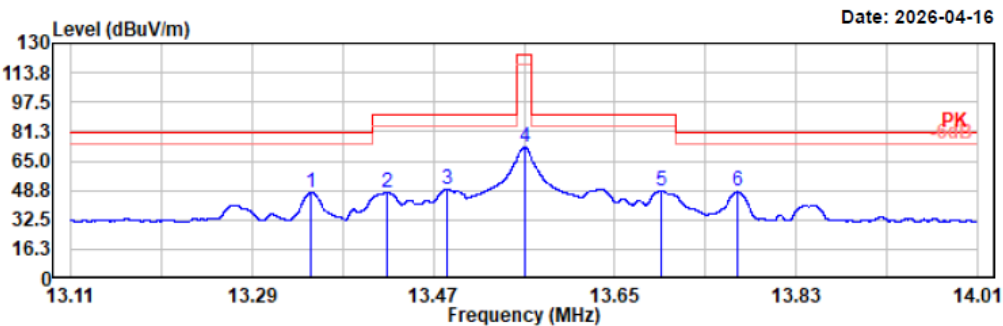
Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
13.410	25.99	19.74	45.73	80.51	34.78	Peak
13.499	28.37	19.74	48.11	90.47	42.36	Peak
13.560	52.27	19.74	72.01	124.00	51.99	Peak
13.622	27.78	19.74	47.52	90.47	42.95	Peak
13.709	25.91	19.74	45.65	90.47	44.82	Peak
13.773	25.02	19.75	44.77	80.51	35.74	Peak

Tested with NFC card

Parallel

Project No.: 2607P42218E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 21.4°C/51%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



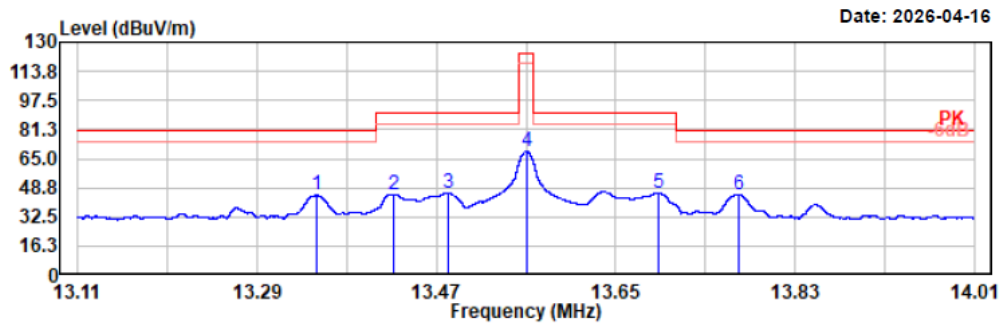
Condition: PK RBW:10kHz VBW:30kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
13.349	27.59	19.74	47.33	80.51	33.18	Peak
13.423	27.73	19.74	47.47	90.47	43.00	Peak
13.484	29.53	19.74	49.27	90.47	41.20	Peak
13.560	52.72	19.74	72.46	124.00	51.54	Peak
13.696	28.50	19.74	48.24	90.47	42.23	Peak
13.772	28.22	19.75	47.97	80.51	32.54	Peak

Perpendicular

Project No.: 2607P42218E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 21.4°C/51%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Condition: PK RBW:10kHz VBW:30kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
13.349	24.70	19.74	44.44	80.51	36.07	Peak
13.428	25.36	19.74	45.10	90.47	45.37	Peak
13.481	25.95	19.74	45.69	90.47	44.78	Peak
13.560	49.23	19.74	68.97	124.00	55.03	Peak
13.693	25.98	19.74	45.72	90.47	44.75	Peak
13.773	25.14	19.75	44.89	80.51	35.62	Peak

Ground-parallel

Project No.: 2607P42218E-RF

Test Mode: NFC transmitting

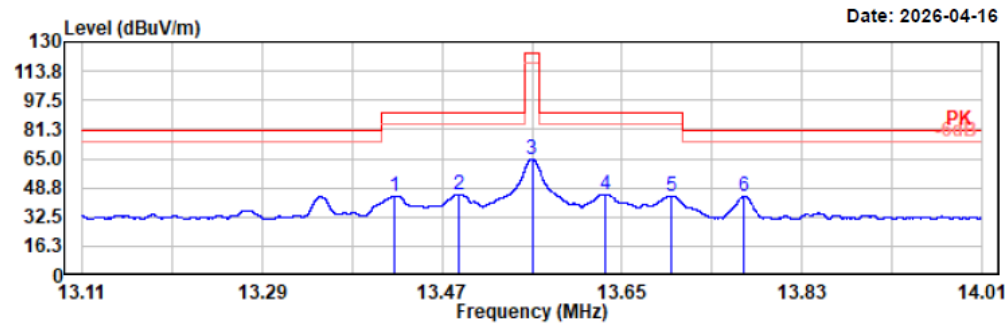
EUT Model: AXIUM DX8

Test distance: 3m

Temp/Humi/ATM: 21.4°C/51%/100.1kPa

Tested by: Wlif Wu

Power Source: AC 120V/60Hz



Condition: PK RBW:10kHz VBW:30kHz SWT:auto

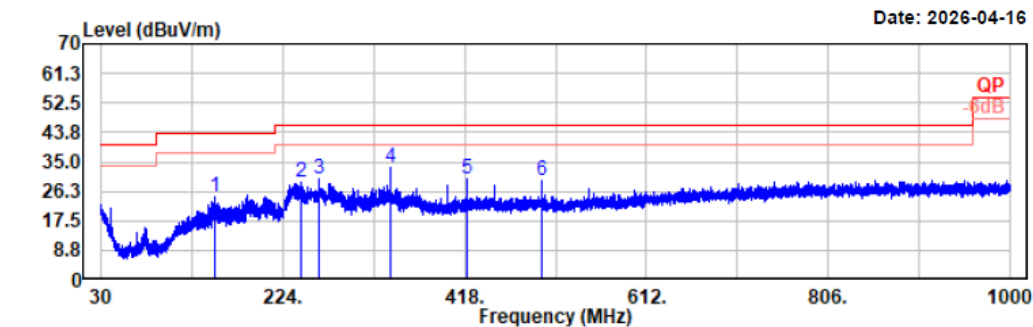
Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
13.423	24.36	19.74	44.10	90.47	46.37	Peak
13.487	25.31	19.74	45.05	90.47	45.42	Peak
13.560	45.05	19.74	64.79	124.00	59.21	Peak
13.633	25.45	19.74	45.19	90.47	45.28	Peak
13.699	24.44	19.74	44.18	90.47	46.29	Peak
13.772	24.21	19.75	43.96	80.51	36.55	Peak

4) 30MHz-1GHz

Tested without NFC card

Project No.: 2607P42218E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 21.4°C/51%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

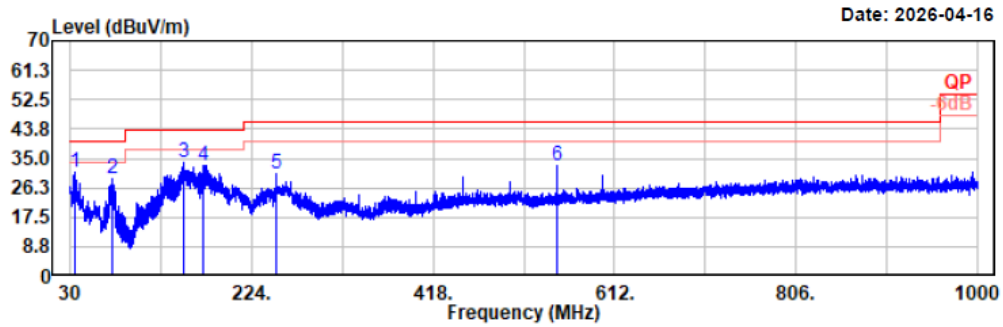


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
150.96	35.75	-11.10	24.65	43.50	18.85	Horizontal	Peak
242.82	40.44	-11.60	28.84	46.00	17.16	Horizontal	Peak
262.80	40.56	-10.68	29.88	46.00	16.12	Horizontal	Peak
338.95	41.88	-8.34	33.54	46.00	12.46	Horizontal	Peak
420.33	35.64	-5.62	30.02	46.00	15.98	Horizontal	Peak
499.97	33.01	-3.38	29.63	46.00	16.37	Horizontal	Peak

Project No.: 2607P42218E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 21.4°C/51%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



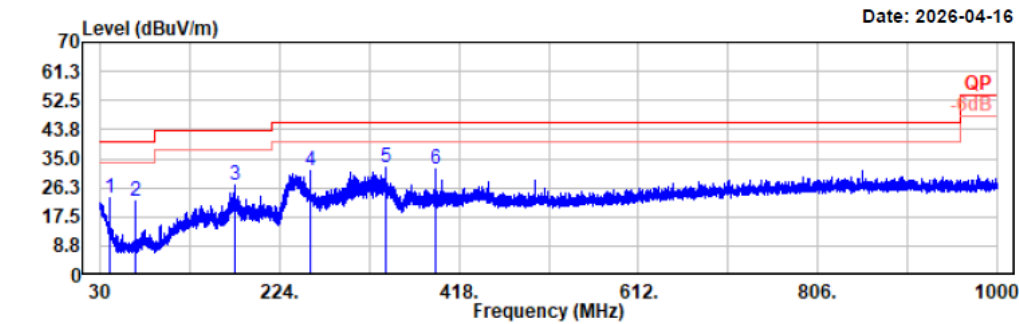
Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
34.46	38.80	-7.75	31.05	40.00	8.95	Vertical	Peak
74.52	46.33	-17.13	29.20	40.00	10.80	Vertical	Peak
151.06	44.82	-11.11	33.71	43.50	9.79	Vertical	Peak
172.30	44.81	-11.92	32.89	43.50	10.61	Vertical	Peak
249.90	41.74	-11.46	30.28	46.00	15.72	Vertical	Peak
550.02	35.74	-2.73	33.01	46.00	12.99	Vertical	Peak

Tested with NFC card

Project No.: 2607P42218E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 21.4°C/51%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

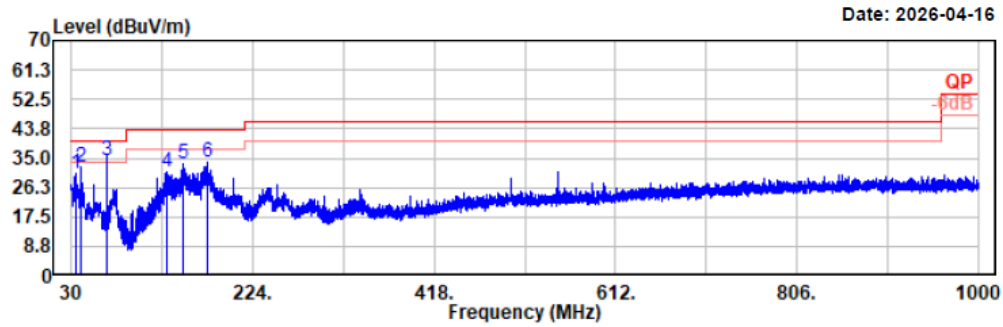


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
40.67	35.10	-12.11	22.99	40.00	17.01	Horizontal	Peak
67.73	39.16	-17.09	22.07	40.00	17.93	Horizontal	Peak
176.28	39.14	-12.12	27.02	43.50	16.48	Horizontal	Peak
257.66	42.51	-11.25	31.26	46.00	14.74	Horizontal	Peak
338.95	40.46	-8.34	32.12	46.00	13.88	Horizontal	Peak
393.27	38.59	-6.64	31.95	46.00	14.05	Horizontal	Peak

Project No.: 2607P42218E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 21.4°C/51%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
35.14	38.36	-8.14	30.22	40.00	9.78	Vertical	Peak
40.67	44.26	-12.11	32.15	40.00	7.85	Vertical	Peak
67.73	51.45	-17.09	34.36	40.00	5.64	Vertical	QP
132.63	40.85	-10.17	30.68	43.50	12.82	Vertical	Peak
149.12	44.37	-11.21	33.16	43.50	10.34	Vertical	Peak
175.11	45.68	-12.11	33.57	43.50	9.93	Vertical	Peak

For Configuration 3# (Basic version)

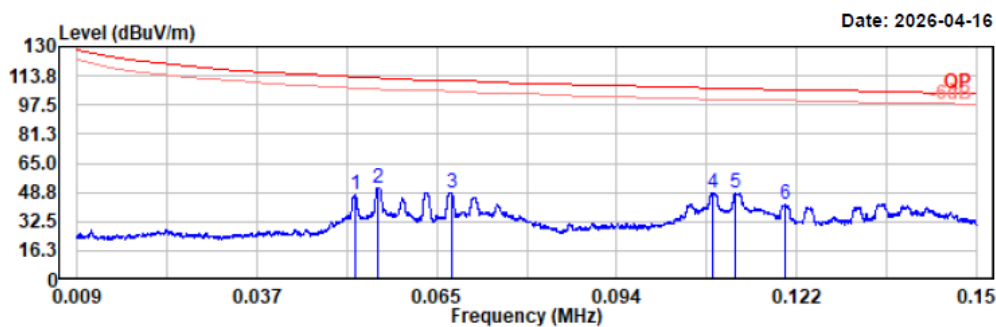
1) 9 kHz~150 kHz:

Tested without NFC card

Parallel

Project No.: 2607P42218E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 21.4°C/51%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



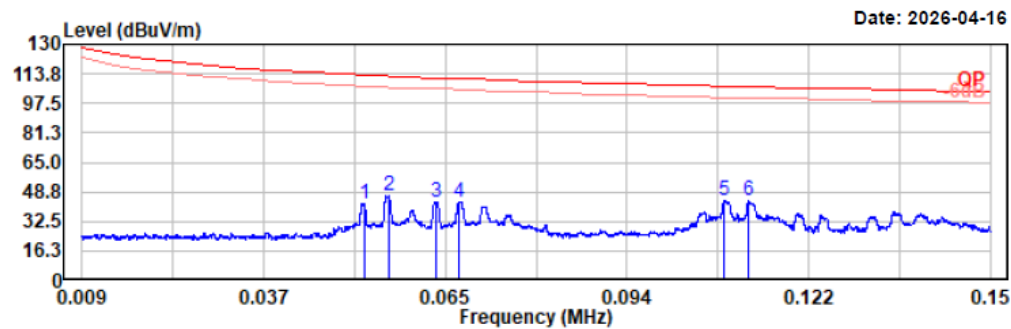
Condition: PK RBW:300Hz VBW:1kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
0.053	27.26	19.91	47.17	113.20	66.03	Peak
0.056	31.57	19.91	51.48	112.61	61.13	Peak
0.068	28.95	19.83	48.78	111.00	62.22	Peak
0.109	28.76	19.73	48.49	106.88	58.39	Peak
0.112	28.48	19.73	48.21	106.61	58.40	Peak
0.120	22.43	19.73	42.16	106.03	63.87	Peak

Perpendicular

Project No.: 2607P42218E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 21.4°C/51%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Condition: PK RBW:300Hz VBW:1kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
0.053	22.10	19.91	42.01	113.16	71.15	Peak
0.057	26.29	19.91	46.20	112.56	66.36	Peak
0.064	23.57	19.87	43.44	111.50	68.06	Peak
0.068	23.44	19.83	43.27	111.02	67.75	Peak
0.109	23.85	19.73	43.58	106.88	63.30	Peak
0.113	23.82	19.73	43.55	106.58	63.03	Peak

Ground-parallel

Project No.: 2607P42218E-RF

Test Mode: NFC transmitting

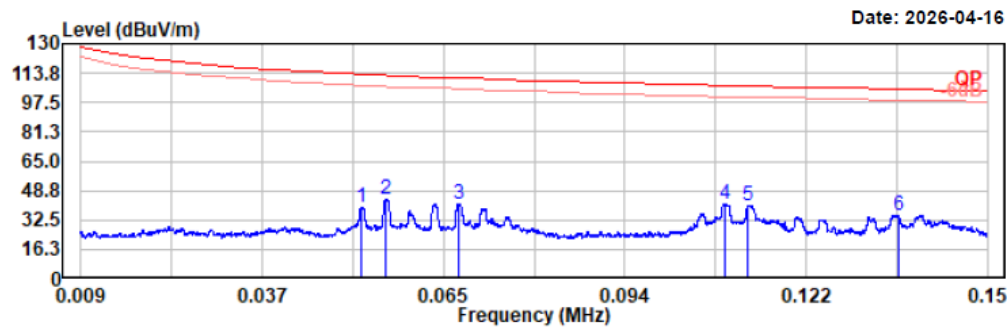
EUT Model: AXIUM DX8

Test distance: 3m

Temp/Humi/ATM: 21.4°C/51%/100.1kPa

Tested by: Wlif Wu

Power Source: AC 120V/60Hz



Condition: PK RBW:300Hz VBW:1kHz SWT:auto

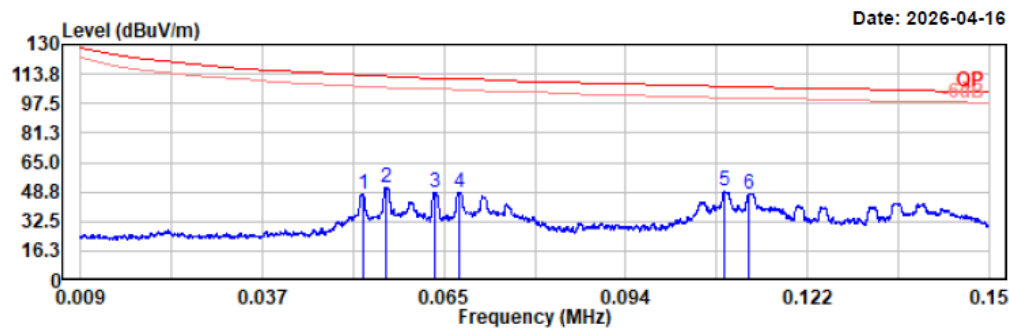
Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
0.053	19.74	19.91	39.65	113.17	73.52	Peak
0.056	24.01	19.91	43.92	112.59	68.67	Peak
0.068	21.64	19.83	41.47	110.98	69.51	Peak
0.109	21.33	19.73	41.06	106.84	65.78	Peak
0.113	20.78	19.73	40.51	106.56	66.05	Peak
0.136	15.50	19.73	35.23	104.93	69.70	Peak

Tested with NFC card

Parallel

Project No.: 2607P42218E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 21.4°C/51%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Condition: PK RBW:300Hz VBW:1kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
0.053	27.32	19.91	47.23	113.15	65.92	Peak
0.056	31.64	19.91	51.55	112.59	61.04	Peak
0.064	28.71	19.87	48.58	111.47	62.89	Peak
0.068	29.01	19.83	48.84	110.98	62.14	Peak
0.109	29.24	19.73	48.97	106.86	57.89	Peak
0.113	28.18	19.73	47.91	106.56	58.65	Peak

Perpendicular

Project No.: 2607P42218E-RF

Test Mode: NFC transmitting

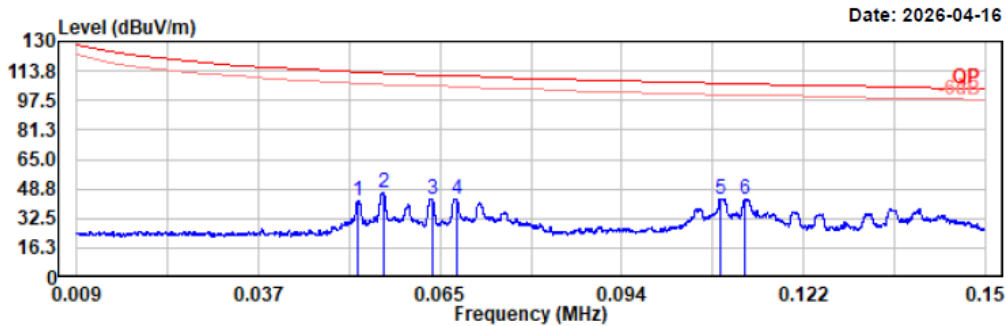
EUT Model: AXIUM DX8

Test distance: 3m

Temp/Humi/ATM: 21.4°C/51%/100.1kPa

Tested by: Wlif Wu

Power Source: AC 120V/60Hz



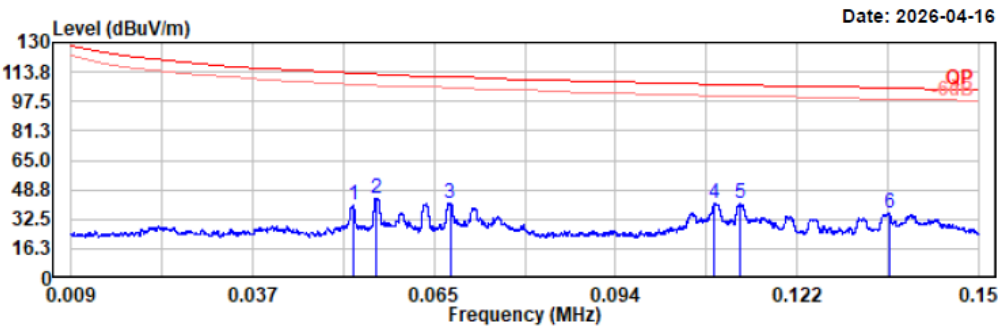
Condition: PK RBW:300Hz VBW:1kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
0.053	22.04	19.91	41.95	113.20	71.25	Peak
0.057	26.40	19.91	46.31	112.56	66.25	Peak
0.064	23.18	19.87	43.05	111.45	68.40	Peak
0.068	23.56	19.83	43.39	110.96	67.57	Peak
0.109	23.34	19.73	43.07	106.87	63.80	Peak
0.113	23.40	19.73	43.13	106.56	63.43	Peak

Ground-parallel

Project No.: 2607P42218E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 21.4°C/51%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Condition: PK RBW:300Hz VBW:1kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
0.053	20.06	19.91	39.97	113.16	73.19	Peak
0.056	24.10	19.91	44.01	112.59	68.58	Peak
0.068	21.55	19.83	41.38	110.97	69.59	Peak
0.109	21.25	19.73	40.98	106.85	65.87	Peak
0.113	21.26	19.73	40.99	106.54	65.55	Peak
0.136	16.25	19.73	35.98	104.93	68.95	Peak

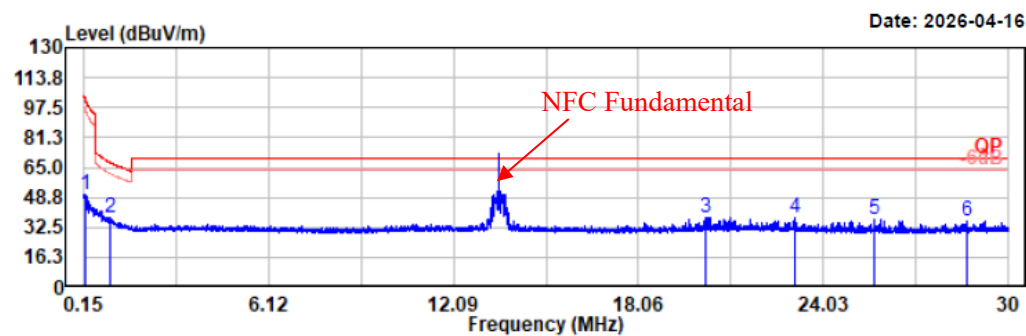
2) 150kHz-30MHz

Tested without NFC card

Parallel

Project No.: 2607P42218E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 21.4°C/51%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



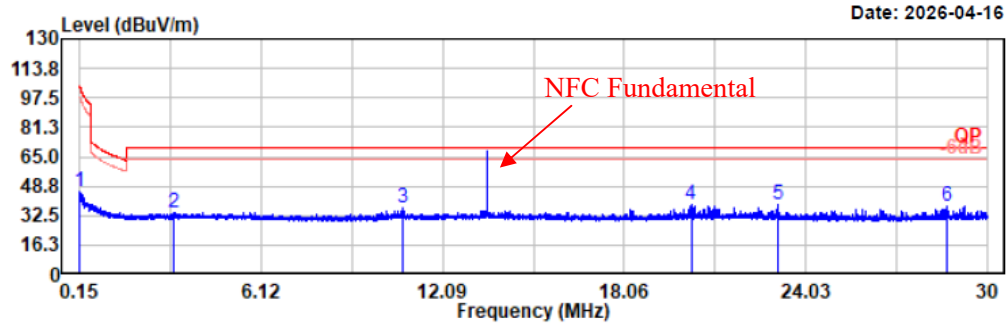
Condition: PK RBW:10kHz VBW:30kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
0.213	30.34	19.72	50.06	101.05	50.99	Peak
0.983	18.32	19.71	38.03	67.75	29.72	Peak
20.257	17.82	20.10	37.92	69.54	31.62	Peak
23.129	17.52	20.17	37.69	69.54	31.85	Peak
25.696	16.68	20.18	36.86	69.54	32.68	Peak
28.687	16.18	20.03	36.21	69.54	33.33	Peak

Perpendicular

Project No.: 2607P42218E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 21.4°C/51%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Condition: PK RBW:10kHz VBW:30kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
0.159	25.59	19.72	45.31	103.58	58.27	Peak
3.225	14.16	19.83	33.99	69.54	35.55	Peak
10.792	16.91	19.71	36.62	69.54	32.92	Peak
20.260	18.02	20.10	38.12	69.54	31.42	Peak
23.129	18.03	20.17	38.20	69.54	31.34	Peak
28.687	17.77	20.03	37.80	69.54	31.74	Peak

Ground-parallel

Project No.: 2607P42218E-RF

Test Mode: NFC transmitting

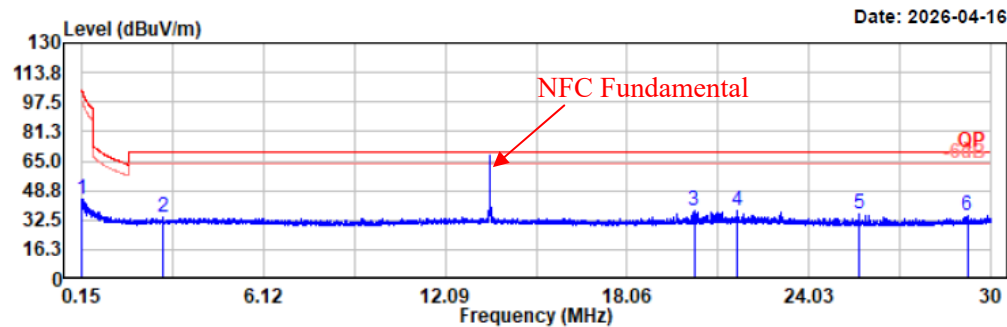
EUT Model: AXIUM DX8

Test distance: 3m

Temp/Humi/ATM: 21.4°C/51%/100.1kPa

Tested by: Wlif Wu

Power Source: AC 120V/60Hz



Condition: PK RBW:10kHz VBW:30kHz SWT:auto

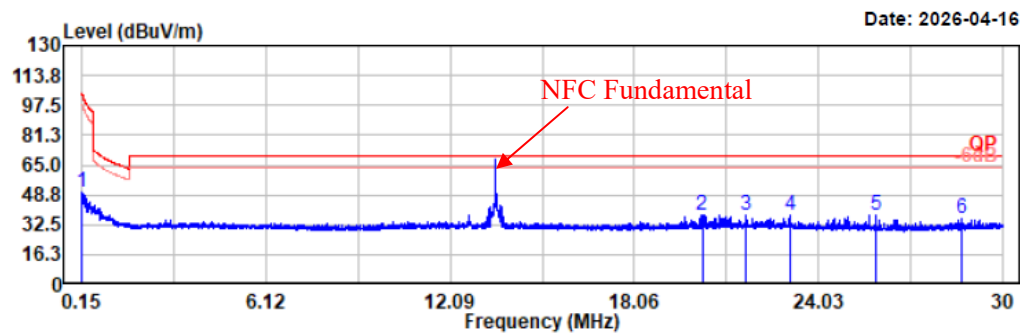
Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
0.162	24.11	19.72	43.83	103.42	59.59	Peak
2.822	14.18	19.80	33.98	69.54	35.56	Peak
20.260	17.11	20.10	37.21	69.54	32.33	Peak
21.663	17.92	20.13	38.05	69.54	31.49	Peak
25.696	15.54	20.18	35.72	69.54	33.82	Peak
29.236	14.65	20.00	34.65	69.54	34.89	Peak

Tested with NFC card

Parallel

Project No.: 2607P42218E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 21.4°C/51%/100.1kPa
Tested by: Wliff Wu
Power Source: AC 120V/60Hz



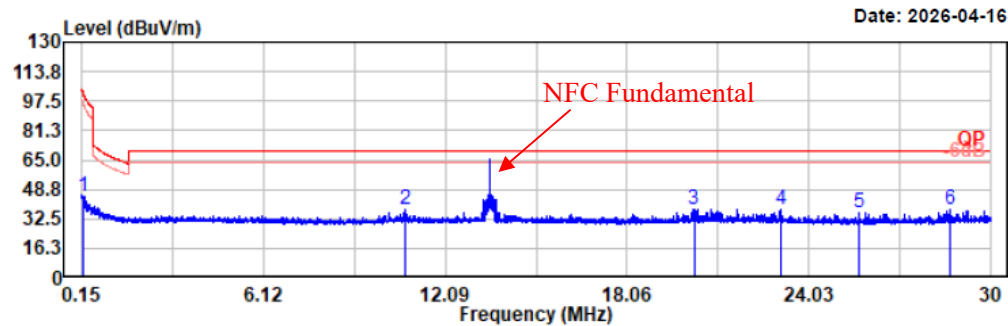
Condition: PK RBW:10kHz VBW:30kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
0.165	30.17	19.72	49.89	103.26	53.37	Peak
20.260	17.89	20.10	37.99	69.54	31.55	Peak
21.663	17.20	20.13	37.33	69.54	32.21	Peak
23.132	17.55	20.17	37.72	69.54	31.82	Peak
25.878	17.26	20.17	37.43	69.54	32.11	Peak
28.687	15.62	20.03	35.65	69.54	33.89	Peak

Perpendicular

Project No.: 2607P42218E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 21.4°C/51%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



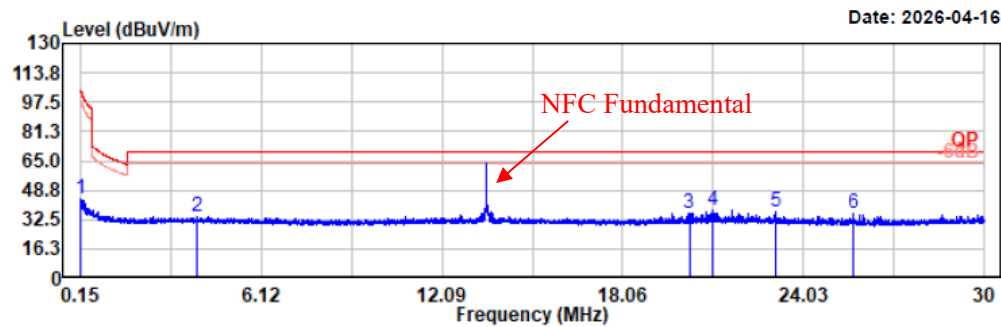
Condition: PK RBW:10kHz VBW:30kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
0.210	25.40	19.72	45.12	101.17	56.05	Peak
10.792	17.58	19.71	37.29	69.54	32.25	Peak
20.260	17.80	20.10	37.90	69.54	31.64	Peak
23.129	17.72	20.17	37.89	69.54	31.65	Peak
25.696	15.57	20.18	35.75	69.54	33.79	Peak
28.687	17.80	20.03	37.83	69.54	31.71	Peak

Ground-parallel

Project No.: 2607P42218E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 21.4°C/51%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Condition: PK RBW:10kHz VBW:30kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
0.159	24.27	19.72	43.99	103.58	59.59	Peak
3.965	14.47	19.76	34.23	69.54	35.31	Peak
20.260	15.96	20.10	36.06	69.54	33.48	Peak
21.051	17.16	20.12	37.28	69.54	32.26	Peak
23.129	16.79	20.17	36.96	69.54	32.58	Peak
25.696	15.29	20.18	35.47	69.54	34.07	Peak

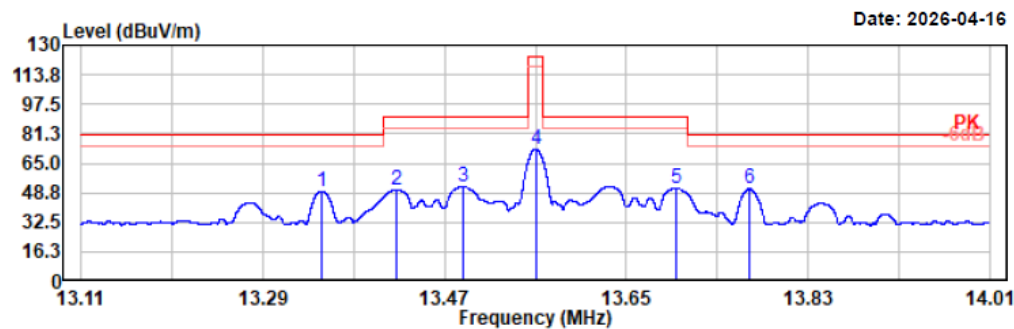
3) 13.11MHz-14.01MHz:

Tested without NFC card

Parallel

Project No.: 2607P42218E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 21.4°C/51%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Condition: PK RBW:10kHz VBW:30kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
13.348	30.00	19.74	49.74	80.51	30.77	Peak
13.423	30.51	19.74	50.25	90.47	40.22	Peak
13.488	32.29	19.74	52.03	90.47	38.44	Peak
13.560	52.93	19.74	72.67	124.00	51.33	Peak
13.700	31.28	19.74	51.02	90.47	39.45	Peak
13.772	31.03	19.75	50.78	80.51	29.73	Peak

Perpendicular

Project No.: 2607P42218E-RF

Test Mode: NFC transmitting

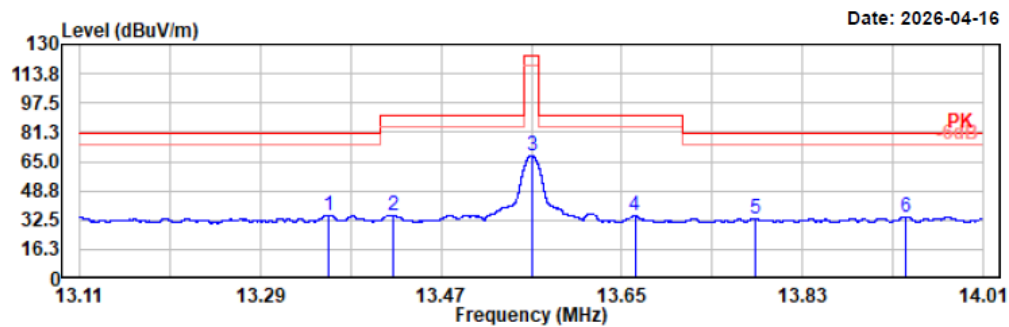
EUT Model: AXIUM DX8

Test distance: 3m

Temp/Humi/ATM: 21.4°C/51%/100.1kPa

Tested by: Wlif Wu

Power Source: AC 120V/60Hz



Condition: PK RBW:10kHz VBW:30kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
13.357	15.43	19.74	35.17	80.51	45.34	Peak
13.422	15.63	19.74	35.37	90.47	55.10	Peak
13.560	48.53	19.74	68.27	124.00	55.73	Peak
13.663	15.09	19.74	34.83	90.47	55.64	Peak
13.783	13.51	19.75	33.26	80.51	47.25	Peak
13.933	14.70	19.75	34.45	80.51	46.06	Peak

Ground-parallel

Project No.: 2607P42218E-RF

Test Mode: NFC transmitting

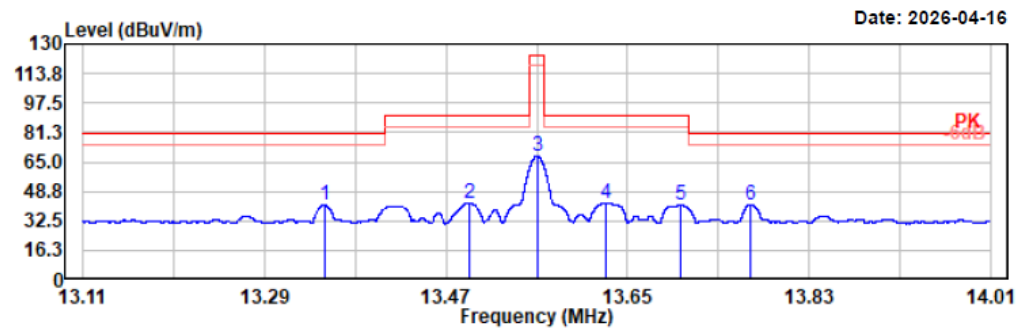
EUT Model: AXIUM DX8

Test distance: 3m

Temp/Humi/ATM: 21.4°C/51%/100.1kPa

Tested by: Wlif Wu

Power Source: AC 120V/60Hz



Condition: PK RBW:10kHz VBW:30kHz SWT:auto

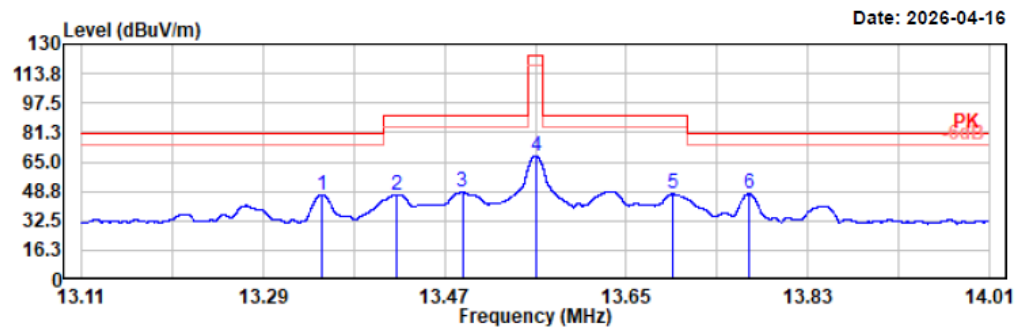
Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
13.349	21.44	19.74	41.18	80.51	39.33	Peak
13.493	22.60	19.74	42.34	90.47	48.13	Peak
13.560	48.34	19.74	68.08	124.00	55.92	Peak
13.629	22.79	19.74	42.53	90.47	47.94	Peak
13.703	21.29	19.74	41.03	90.47	49.44	Peak
13.772	21.94	19.75	41.69	80.51	38.82	Peak

Tested with NFC card

Parallel

Project No.: 2607P42218E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 21.4°C/51%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



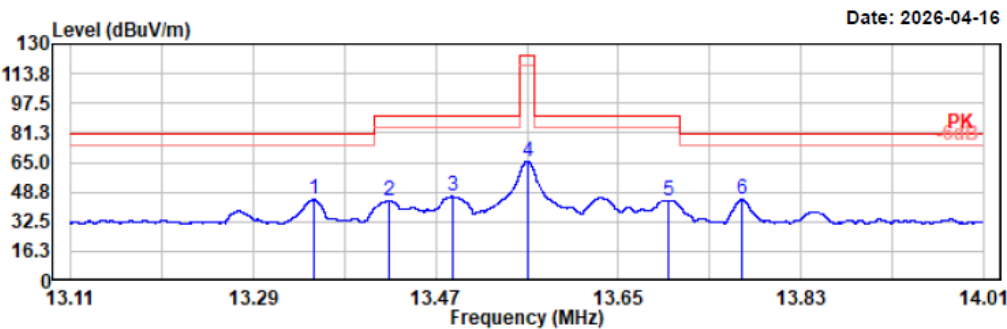
Condition: PK RBW:10kHz VBW:30kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
13.349	27.22	19.74	46.96	80.51	33.55	Peak
13.423	27.02	19.74	46.76	90.47	43.71	Peak
13.488	28.35	19.74	48.09	90.47	42.38	Peak
13.560	48.49	19.74	68.23	124.00	55.77	Peak
13.696	27.37	19.74	47.11	90.47	43.36	Peak
13.772	27.57	19.75	47.32	80.51	33.19	Peak

Perpendicular

Project No.: 2607P42218E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 21.4°C/51%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



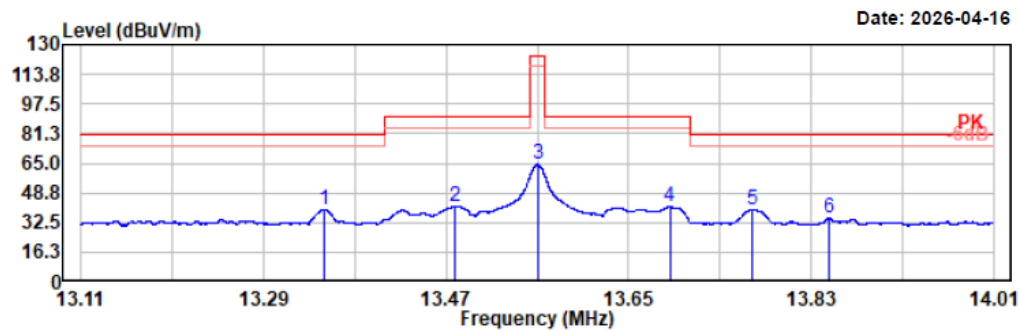
Condition: PK RBW:10kHz VBW:30kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
13.349	24.76	19.74	44.50	80.51	36.01	Peak
13.424	23.99	19.74	43.73	90.47	46.74	Peak
13.486	26.48	19.74	46.22	90.47	44.25	Peak
13.560	45.72	19.74	65.46	124.00	58.54	Peak
13.699	24.62	19.74	44.36	90.47	46.11	Peak
13.772	24.73	19.75	44.48	80.51	36.03	Peak

Ground-parallel

Project No.: 2607P42218E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 21.4°C/51%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Condition: PK RBW:10kHz VBW:30kHz SWT:auto

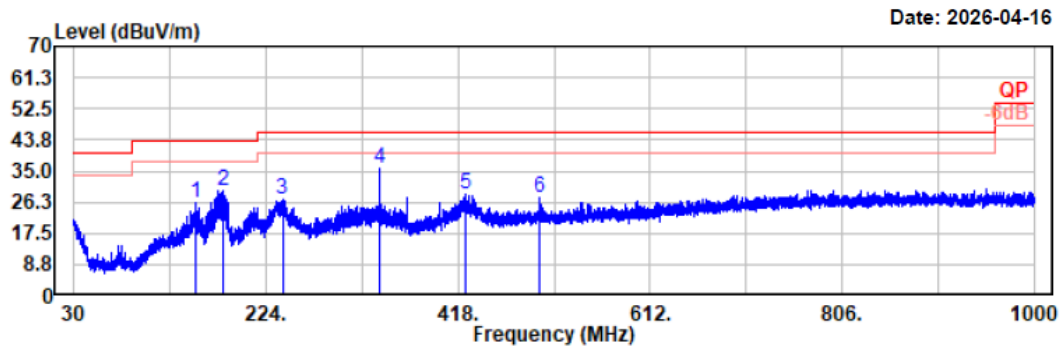
Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
13.349	19.83	19.74	39.57	80.51	40.94	Peak
13.479	21.44	19.74	41.18	90.47	49.29	Peak
13.560	44.49	19.74	64.23	124.00	59.77	Peak
13.691	21.27	19.74	41.01	90.47	49.46	Peak
13.772	20.12	19.75	39.87	80.51	40.64	Peak
13.848	15.09	19.75	34.84	80.51	45.67	Peak

4) 30MHz-1GHz

Tested without NFC card

Project No.: 2607P42218E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 21.4°C/51%/100.1kPa
Tested by: Wliff Wu
Power Source: AC 120V/60Hz

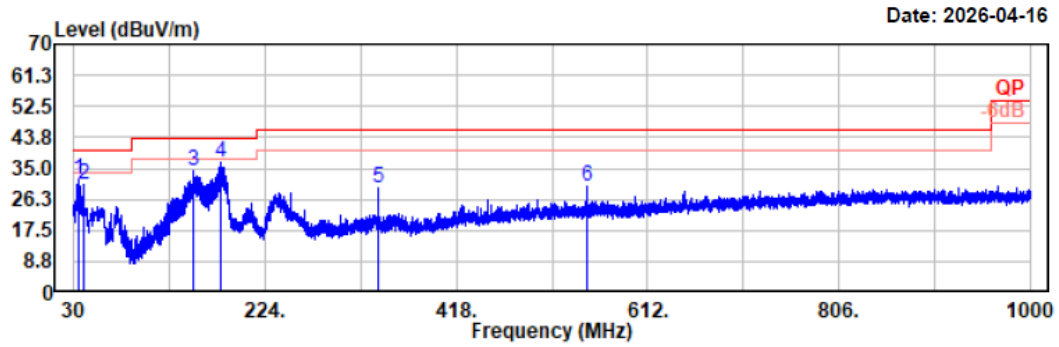


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
152.41	37.07	-11.23	25.84	43.50	17.66	Horizontal	Peak
180.64	41.90	-12.35	29.55	43.50	13.95	Horizontal	Peak
240.68	38.65	-11.70	26.95	46.00	19.05	Horizontal	Peak
338.95	44.28	-8.34	35.94	46.00	10.06	Horizontal	Peak
425.28	33.76	-5.49	28.27	46.00	17.73	Horizontal	Peak
499.97	30.67	-3.38	27.29	46.00	18.71	Horizontal	Peak

Project No.: 2607P42218E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 21.4°C/51%/100.1kPa
Tested by: Wliff Wu
Power Source: AC 120V/60Hz



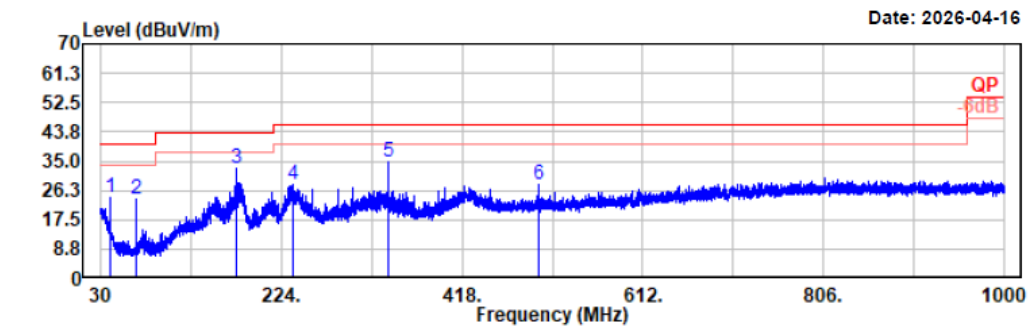
Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
34.66	39.91	-7.85	32.06	40.00	7.94	Vertical	Peak
40.67	42.50	-12.11	30.39	40.00	9.61	Vertical	Peak
151.06	45.43	-11.11	34.32	43.50	9.18	Vertical	Peak
179.09	48.79	-12.27	36.52	43.50	6.98	Vertical	Peak
338.95	37.91	-8.34	29.57	46.00	16.43	Vertical	Peak
549.92	32.66	-2.73	29.93	46.00	16.07	Vertical	Peak

Tested with NFC card

Project No.: 2607P42218E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 21.4°C/51%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
40.67	36.06	-12.11	23.95	40.00	16.05	Horizontal	Peak
67.73	40.80	-17.09	23.71	40.00	16.29	Horizontal	Peak
176.28	45.08	-12.12	32.96	43.50	10.54	Horizontal	Peak
235.54	39.80	-12.03	27.77	46.00	18.23	Horizontal	Peak
338.95	43.06	-8.34	34.72	46.00	11.28	Horizontal	Peak
499.97	31.55	-3.38	28.17	46.00	17.83	Horizontal	Peak