



FCC PART 15.225 TEST REPORT

For

INGENICO

9 Avenue de la gare - Rovaltain TGV, BP25156, Valence Cedex 9, 26958, France

FCC ID: XKB-DX8WU

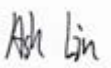
Report Type: Original Report	Product Name: Smart POS Terminal
Report Number:	2607P41361E-RF-06
Report Date:	2026-07-26
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REPORT REVISION HISTORY

Number of Revisions	Report No.	Version	Issue Date	Description
0	2607P41361E-RF-06	R1V1	2026-07-26	Initial Release

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

Applicant:	INGENICO
Product Name:	Smart POS Terminal
Tested Model:	AXIUM DX8
Multiple Model(s):	N/A
Trade Name:	
Power Supply:	DC 5V from Adapter or DC 7.2V from Battery
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	Configuration Difference	
		2 nd display	scanner
AXIUM DX8	1 (Scanner variant)	×	√
	2 (2 nd display variant)	√	×
	3 (Basic variant)	×	×

3. All measurement and test data in this report was gathered from production sample serial number: 3G1Q-2(Basic variant), 3G1Q-3 (2nd display variant), 3G1Q-6(Scanner variant) (Radiated Spurious Emission) Assigned by the BACL(Xiamen). The EUT supplied by the applicant was received on 2026-01-12)

Note: Per 15B report, test with Adapter 2# & Battery 1# & Screen 3# was the worst for AC Line Conducted Emissions, test with Adapter 1# & Battery 6# & Screen 3# was the worst for Radiated Spurious Emissions Below 1GHz, so only performed it this report.

Adapter Information:

No.	Model	Manufacturer	Parameters
Adapter 1# (KLEC - EU/UK/US)	KL-WD050200U	Xiamen Keli Electronics Co.,Ltd	Input: AC 100-240V, 50/60Hz, 0.5A Output: DC 5.0V, 2.0A, 10.0W
Adapter 2# (KLEC - US)	SW-0983	Xiamen Keli Electronics Co.,Ltd	Input: AC 100-240V, 50/60Hz, 0.5A Output: DC 5.0V, 2.0A
Adapter 3# (Aohai - US)	A319-050200U-US2	Jiangxi Aohai Technology Co.,Ltd	Input: AC 100-240V, 50/60Hz, Max 0.3A Output: DC 5.0V, 2.0A
Adapter 4# (KEYU - EU/UK/US)	KA1602-0502000DEU	Shenzhen Keyu Power Supply Technology Co.,Ltd.	Input: AC 100-240V, 50/60Hz, 0.35A Output: DC 5.0V, 2.0A, 10.0W
Adapter 5# (Ktec - EU/UK/US)	KSA-10Q-050200D5U	KTEC GLOBAL Co., Ltd.	Input: AC 100-240V, 50/60Hz, 0.5A Output: DC 5.0V, 2.0A, 10.0W

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.

Test Methodology

All measurements contained in this report were conducted with ANSI C63.10-2020 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.

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

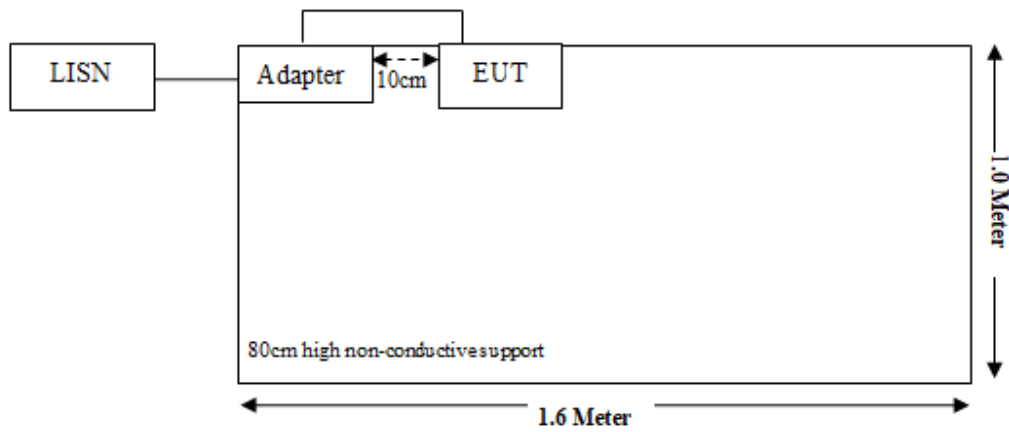
External Cable

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

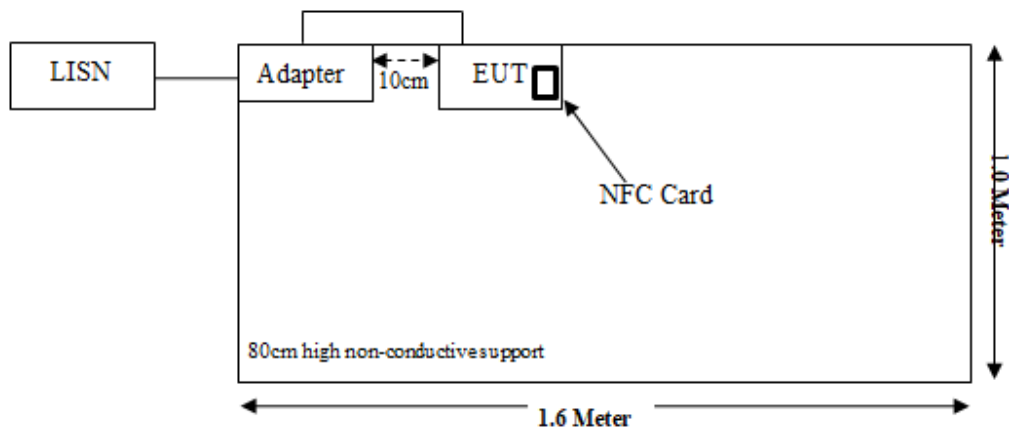
Block Diagram of Test Setup

Conducted Emission:

Tested without NFC card

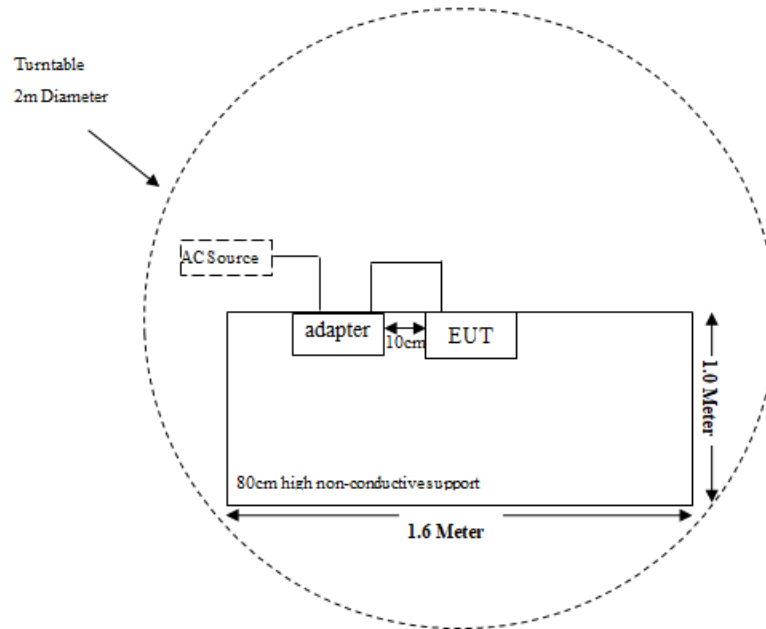


Tested with NFC card

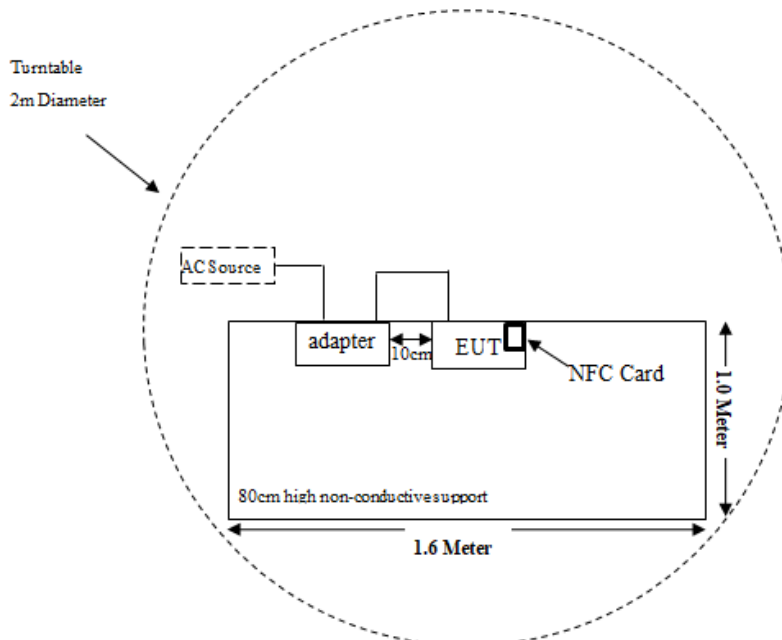


Radiated Spurious Emission:

Tested without NFC card



Tested with NFC card



SUMMARY OF TEST RESULTS

Rules	Description of Test	Result
FCC §15.203	Antenna Requirement	Compliant
FCC §15.207 (a)	AC Line Conducted Emissions	Compliant
FCC§15.225 §15.209 §15.205	Radiated Emission Test	Compliant
FCC§15.225(e)	Frequency Stability	Compliant
FCC §15.215(c)	20dB Emission 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 - 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.

Antenna Connected Construction

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

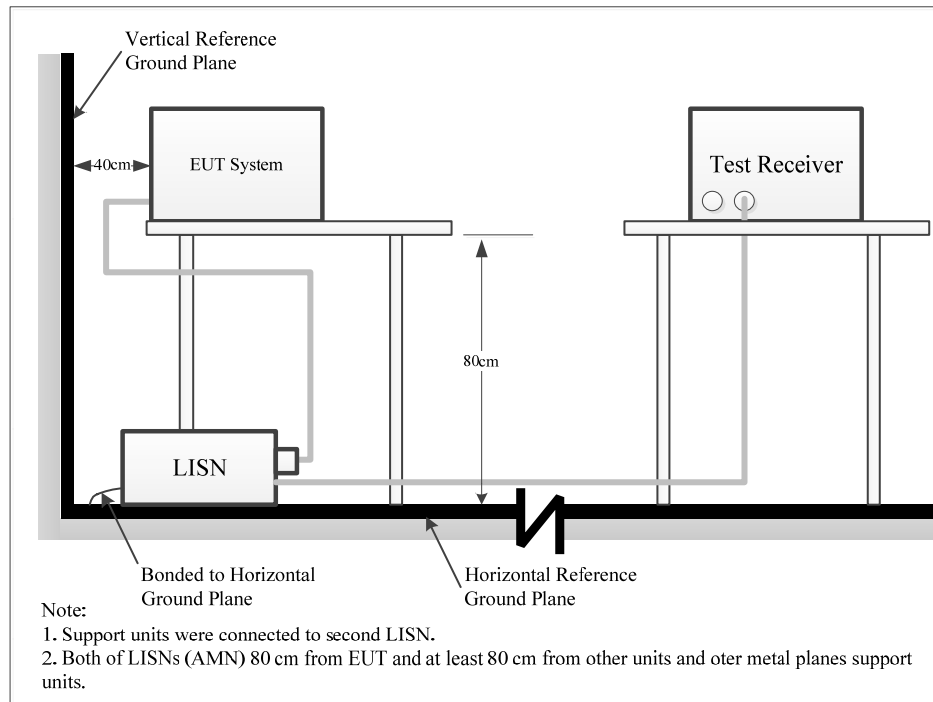
Result: Compliant.

FCC §15.207 (a) – AC LINE CONDUCTED EMISSIONS

Applicable Standard

FCC§15.207

EUT Setup



The setup of EUT is according with per ANSI C63.10-2020 measurement procedure. The specification used was with the FCC Part 15.207 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:

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

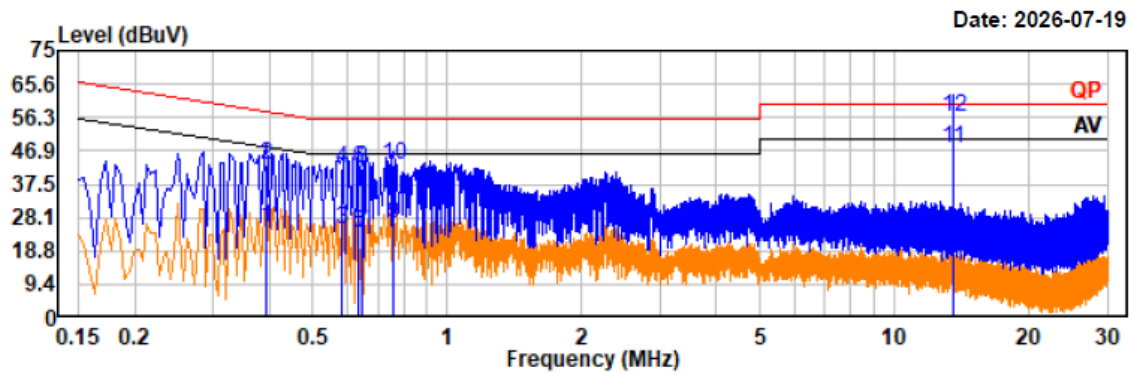
Test Data

Temperature:	22.3°C
Relative Humidity:	58%
ATM Pressure:	100.1 kPa
Test Date:	2026-07-19
Test Engineer:	Wlif Wu

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

Project No.: 2607P41361E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8

Temp/Humi/ATM: 22.3°C/58%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



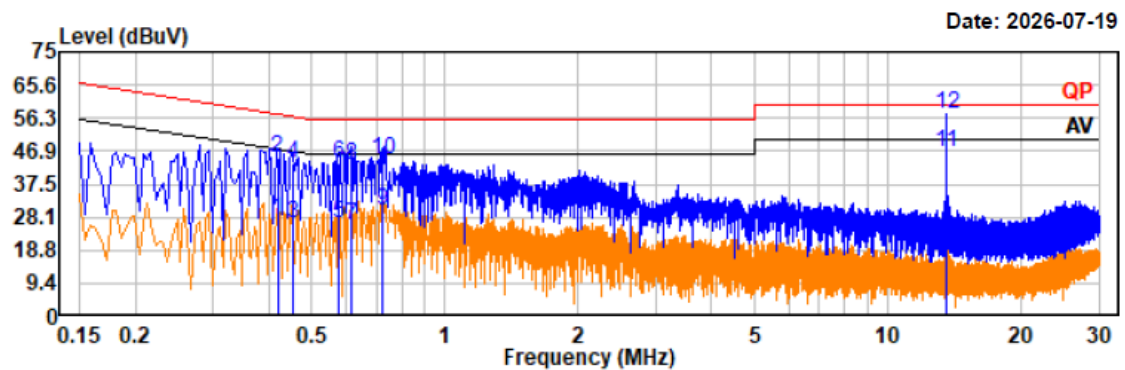
Trace: 1

Condition: IF B/W 9kHz PK/AV

Freq MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Phase	Remark
0.395	4.48	20.61	25.09	47.97	22.88	Line	Average
0.395	22.09	20.61	42.70	57.97	15.27	Line	QP
0.582	4.04	20.57	24.61	46.00	21.39	Line	Average
0.582	21.55	20.57	42.12	56.00	13.88	Line	QP
0.632	3.04	20.57	23.61	46.00	22.39	Line	Average
0.632	21.18	20.57	41.75	56.00	14.25	Line	QP
0.644	3.10	20.57	23.67	46.00	22.33	Line	Average
0.644	21.41	20.57	41.98	56.00	14.02	Line	QP
0.758	5.80	20.57	26.37	46.00	19.63	Line	Average
0.758	22.19	20.57	42.76	56.00	13.24	Line	QP
13.556	26.76	20.60	47.36	50.00	2.64	Line	Average
13.556	35.71	20.60	56.31	60.00	3.69	Line	QP

Project No.: 2607P41361E-RF
 Test Mode: NFC transmitting
 EUT Model: AXIUM DX8

Temp/Humi/ATM: 22.3°C/58%/100.1kPa
 Tested by: Wlif Wu
 Power Source: AC 120V/60Hz



Trace: 1

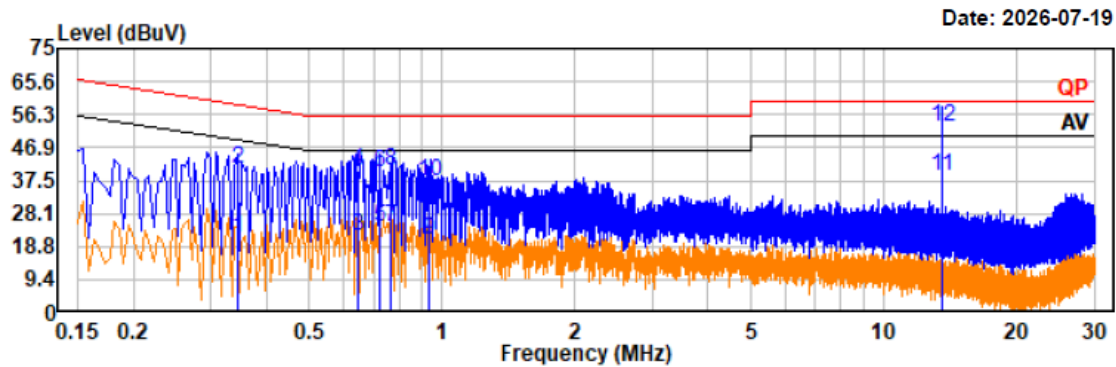
Condition: IF B/W 9kHz PK/AV

Freq MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Phase	Remark
0.419	7.01	20.60	27.61	47.47	19.86	Neutral	Average
0.419	24.65	20.60	45.25	57.47	12.22	Neutral	QP
0.453	5.78	20.59	26.37	46.81	20.44	Neutral	Average
0.453	22.96	20.59	43.55	56.81	13.26	Neutral	QP
0.574	5.62	20.57	26.19	46.00	19.81	Neutral	Average
0.574	22.82	20.57	43.39	56.00	12.61	Neutral	QP
0.618	5.55	20.57	26.12	46.00	19.88	Neutral	Average
0.618	22.34	20.57	42.91	56.00	13.09	Neutral	QP
0.725	9.63	20.56	30.19	46.00	15.81	Neutral	Average
0.725	23.80	20.56	44.36	56.00	11.64	Neutral	QP
13.562	25.81	20.60	46.41	50.00	3.59	Neutral	Average
13.562	36.72	20.60	57.32	60.00	2.68	Neutral	QP

Tested with NFC card

Project No.: 2607P41361E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8

Temp/Humi/ATM: 22.3°C/58%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

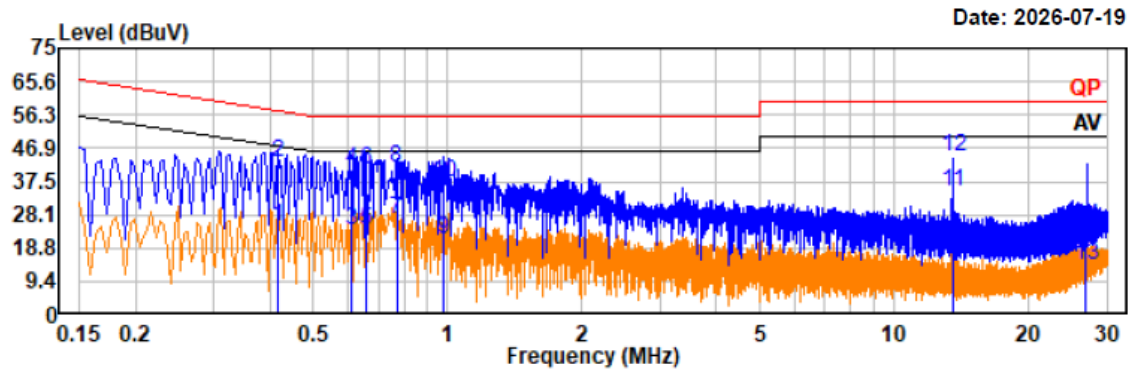
**Trace: 1**

Condition: IF B/W 9kHz PK/AV

Freq MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Phase	Remark
0.344	0.35	20.63	20.98	49.11	28.13	Line	Average
0.344	20.08	20.63	40.71	59.11	18.40	Line	QP
0.644	1.11	20.57	21.68	46.00	24.32	Line	Average
0.644	19.64	20.57	40.21	56.00	15.79	Line	QP
0.725	3.59	20.56	24.15	46.00	21.85	Line	Average
0.725	19.14	20.56	39.70	56.00	16.30	Line	QP
0.766	3.54	20.58	24.12	46.00	21.88	Line	Average
0.766	20.01	20.58	40.59	56.00	15.41	Line	QP
0.938	0.05	20.60	20.65	46.00	25.35	Line	Average
0.938	16.75	20.60	37.35	56.00	18.65	Line	QP
13.557	18.20	20.60	38.80	50.00	11.20	Line	Average
13.557	32.15	20.60	52.75	60.00	7.25	Line	QP

Project No.: 2607P41361E-RF
 Test Mode: NFC transmitting
 EUT Model: AXIUM DX8

Temp/Humi/ATM: 22.3°C/58%/100.1kPa
 Tested by: Wlif Wu
 Power Source: AC 120V/60Hz



Trace: 1

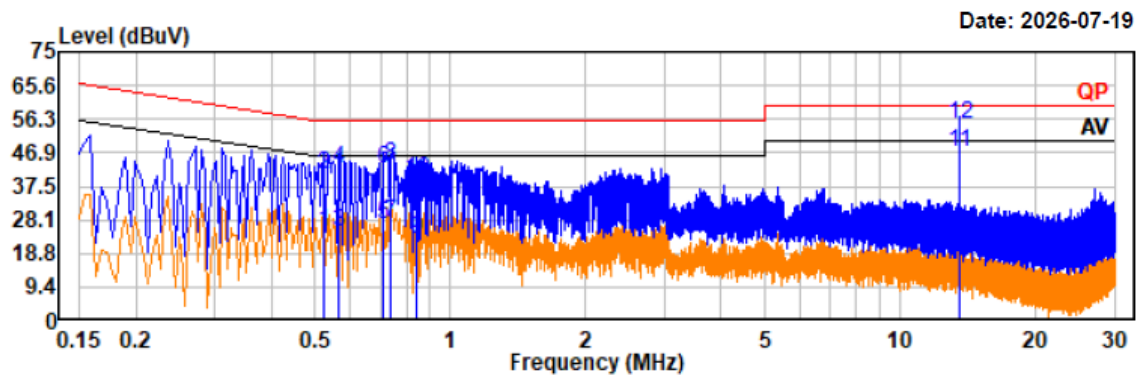
Condition: IF B/W 9kHz PK/AV

Freq MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Phase	Remark
0.418	4.19	20.60	24.79	47.48	22.69	Neutral	Average
0.418	22.16	20.60	42.76	57.48	14.72	Neutral	QP
0.608	3.16	20.57	23.73	46.00	22.27	Neutral	Average
0.608	20.42	20.57	40.99	56.00	15.01	Neutral	QP
0.658	3.02	20.57	23.59	46.00	22.41	Neutral	Average
0.658	20.44	20.57	41.01	56.00	14.99	Neutral	QP
0.769	6.17	20.58	26.75	46.00	19.25	Neutral	Average
0.769	20.66	20.58	41.24	56.00	14.76	Neutral	QP
0.981	0.60	20.60	21.20	46.00	24.80	Neutral	Average
0.981	16.89	20.60	37.49	56.00	18.51	Neutral	QP
13.565	14.27	20.60	34.87	50.00	15.13	Neutral	Average
13.565	23.97	20.60	44.57	60.00	15.43	Neutral	QP
26.930	-7.12	21.31	14.19	50.00	35.81	Neutral	Average
26.930	3.56	21.31	24.87	60.00	35.13	Neutral	QP

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

Project No.: 2607P41361E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8

Temp/Humi/ATM: 22.3°C/58%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



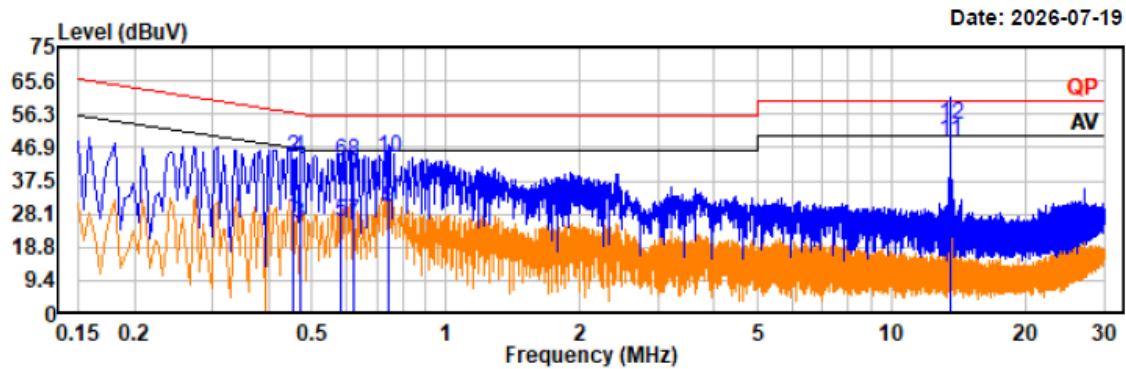
Trace: 1

Condition: IF B/W 9kHz PK/AV

Freq MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Phase	Remark
0.524	4.04	20.58	24.62	46.00	21.38	Line	Average
0.524	20.33	20.58	40.91	56.00	15.09	Line	QP
0.566	4.46	20.57	25.03	46.00	20.97	Line	Average
0.566	21.68	20.57	42.25	56.00	13.75	Line	QP
0.713	6.12	20.56	26.68	46.00	19.32	Line	Average
0.713	22.08	20.56	42.64	56.00	13.36	Line	QP
0.737	6.60	20.56	27.16	46.00	18.84	Line	Average
0.737	23.02	20.56	43.58	56.00	12.42	Line	QP
0.838	2.17	20.58	22.75	46.00	23.25	Line	Average
0.838	18.58	20.58	39.16	56.00	16.84	Line	QP
13.563	26.35	20.60	46.95	50.00	3.05	Line	Average
13.563	34.46	20.60	55.06	60.00	4.94	Line	QP

Project No.: 2607P41361E-RF
 Test Mode: NFC transmitting
 EUT Model: AXIUM DX8

Temp/Humi/ATM: 22.3°C/58%/100.1kPa
 Tested by: Wlif Wu
 Power Source: AC 120V/60Hz



Trace: 1

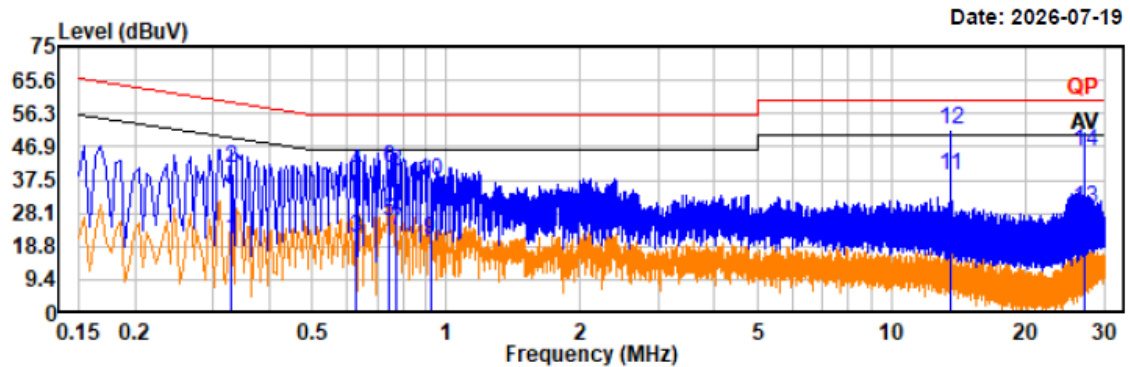
Condition: IF B/W 9kHz PK/AV

Freq MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Phase	Remark
0.454	6.36	20.59	26.95	46.80	19.85	Neutral	Average
0.454	23.57	20.59	44.16	56.80	12.64	Neutral	QP
0.470	4.92	20.59	25.51	46.52	21.01	Neutral	Average
0.470	23.12	20.59	43.71	56.52	12.81	Neutral	QP
0.582	5.16	20.57	25.73	46.00	20.27	Neutral	Average
0.582	22.16	20.57	42.73	56.00	13.27	Neutral	QP
0.620	5.10	20.57	25.67	46.00	20.33	Neutral	Average
0.620	22.58	20.57	43.15	56.00	12.85	Neutral	QP
0.747	9.26	20.56	29.82	46.00	16.18	Neutral	Average
0.747	23.53	20.56	44.09	56.00	11.91	Neutral	QP
13.560	28.24	20.60	48.84	50.00	1.16	Neutral	Average
13.560	32.62	20.60	53.22	60.00	6.78	Neutral	QP

Tested with NFC card

Project No.: 2607P41361E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8

Temp/Humi/ATM: 22.3°C/58%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



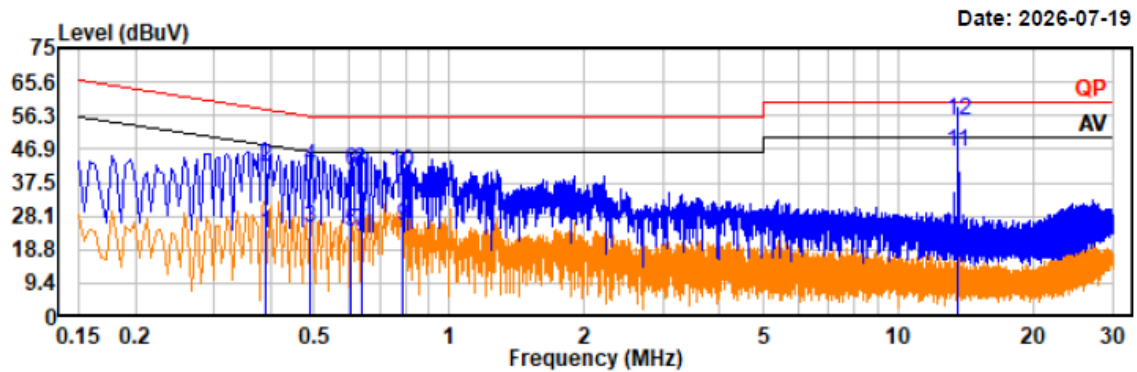
Trace: 1

Condition: IF B/W 9kHz PK/AV

Freq MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Phase	Remark
0.330	0.13	20.63	20.76	49.45	28.69	Line	Average
0.330	20.23	20.63	40.86	59.45	18.59	Line	QP
0.629	0.85	20.57	21.42	46.00	24.58	Line	Average
0.629	19.12	20.57	39.69	56.00	16.31	Line	QP
0.743	5.18	20.56	25.74	46.00	20.26	Line	Average
0.743	20.22	20.56	40.78	56.00	15.22	Line	QP
0.772	2.86	20.58	23.44	46.00	22.56	Line	Average
0.772	19.37	20.58	39.95	56.00	16.05	Line	QP
0.921	0.04	20.60	20.64	46.00	25.36	Line	Average
0.921	16.56	20.60	37.16	56.00	18.84	Line	QP
13.561	18.17	20.60	38.77	50.00	11.23	Line	Average
13.561	31.07	20.60	51.67	60.00	8.33	Line	QP
27.117	8.38	21.30	29.68	50.00	20.32	Line	Average
27.117	24.04	21.30	45.34	60.00	14.66	Line	QP

Project No.: 2607P41361E-RF
 Test Mode: NFC transmitting
 EUT Model: AXIUM DX8

Temp/Humi/ATM: 22.3°C/58%/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
0.390	2.72	20.61	23.33	48.07	24.74	Neutral	Average
0.390	21.09	20.61	41.70	58.07	16.37	Neutral	QP
0.488	4.01	20.58	24.59	46.20	21.61	Neutral	Average
0.488	21.54	20.58	42.12	56.20	14.08	Neutral	QP
0.605	2.97	20.57	23.54	46.00	22.46	Neutral	Average
0.605	20.46	20.57	41.03	56.00	14.97	Neutral	QP
0.636	3.26	20.57	23.83	46.00	22.17	Neutral	Average
0.636	20.26	20.57	40.83	56.00	15.17	Neutral	QP
0.784	4.73	20.58	25.31	46.00	20.69	Neutral	Average
0.784	19.57	20.58	40.15	56.00	15.85	Neutral	QP
13.559	25.41	20.60	46.01	50.00	3.99	Neutral	Average
13.559	34.37	20.60	54.97	60.00	5.03	Neutral	QP

For Configuration 3# (Basic version)**Tested without NFC card**

Project No.: 2607P41361E-RF

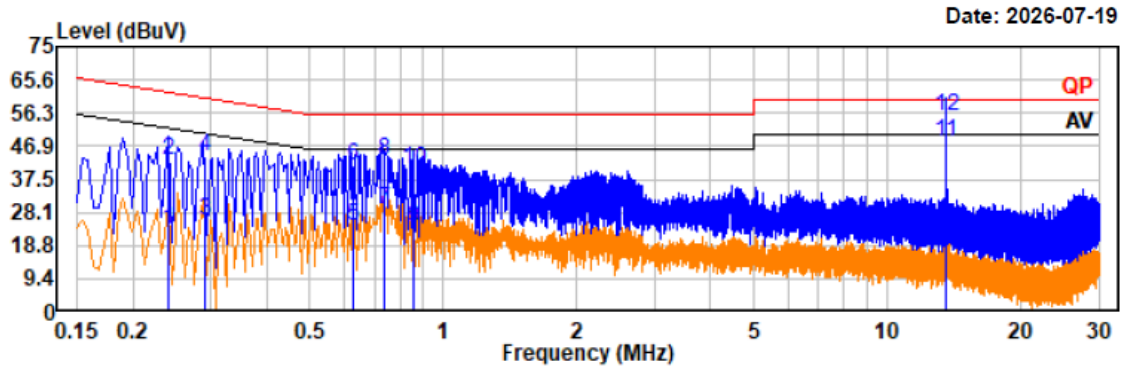
Test Mode: NFC transmitting

EUT Model: AXIUM DX8

Temp/Humi/ATM: 22.3°C/58%/100.1kPa

Tested by: Wlif Wu

Power Source: AC 120V/60Hz



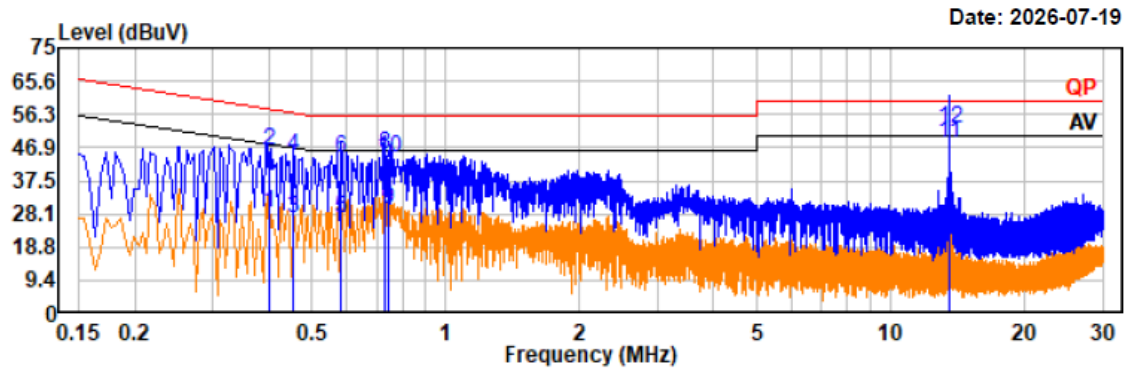
Trace: 1

Condition: IF B/W 9kHz PK/AV

Freq MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Phase	Remark
0.241	2.61	20.67	23.28	52.05	28.77	Line	Average
0.241	22.09	20.67	42.76	62.05	19.29	Line	QP
0.290	5.42	20.65	26.07	50.53	24.46	Line	Average
0.290	23.56	20.65	44.21	60.53	16.32	Line	QP
0.625	3.75	20.57	24.32	46.00	21.68	Line	Average
0.625	21.01	20.57	41.58	56.00	14.42	Line	QP
0.737	8.30	20.56	28.86	46.00	17.14	Line	Average
0.737	22.56	20.56	43.12	56.00	12.88	Line	QP
0.858	3.15	20.58	23.73	46.00	22.27	Line	Average
0.858	19.72	20.58	40.30	56.00	15.70	Line	QP
13.554	27.41	20.60	48.01	50.00	1.99	Line	Average
13.554	34.91	20.60	55.51	60.00	4.49	Line	QP

Project No.: 2607P41361E-RF
 Test Mode: NFC transmitting
 EUT Model: AXIUM DX8

Temp/Humi/ATM: 22.3°C/58%/100.1kPa
 Tested by: Wlif Wu
 Power Source: AC 120V/60Hz



Trace: 1

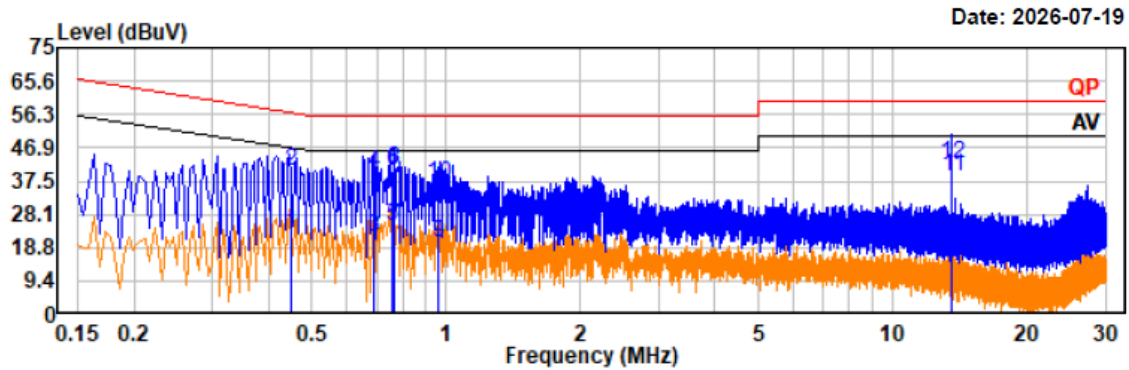
Condition: IF B/W 9kHz PK/AV

Freq MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Phase	Remark
0.400	7.66	20.60	28.26	47.85	19.59	Neutral	Average
0.400	25.44	20.60	46.04	57.85	11.81	Neutral	QP
0.455	6.28	20.59	26.87	46.79	19.92	Neutral	Average
0.455	23.91	20.59	44.50	56.79	12.29	Neutral	QP
0.583	6.52	20.57	27.09	46.00	18.91	Neutral	Average
0.583	23.42	20.57	43.99	56.00	12.01	Neutral	QP
0.730	11.03	20.56	31.59	46.00	14.41	Neutral	Average
0.730	24.59	20.56	45.15	56.00	10.85	Neutral	QP
0.744	9.17	20.56	29.73	46.00	16.27	Neutral	Average
0.744	23.58	20.56	44.14	56.00	11.86	Neutral	QP
13.560	27.43	20.60	48.03	50.00	1.97	Neutral	Average
13.560	31.42	20.60	52.02	60.00	7.98	Neutral	QP

Tested with NFC card

Project No.: 2607P41361E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8

Temp/Humi/ATM: 22.3°C/58%/100.1kPa
Tested by: Wliff Wu
Power Source: AC 120V/60Hz



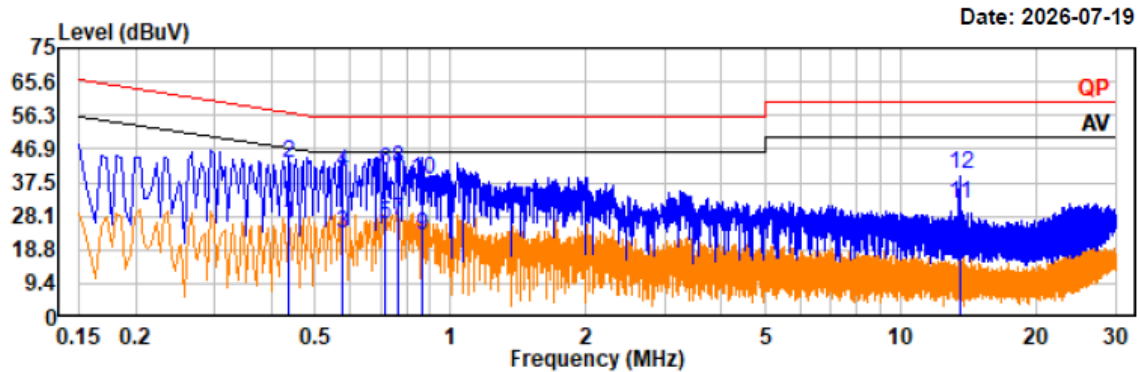
Trace: 1

Condition: IF B/W 9kHz PK/AV

Freq MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Phase	Remark
0.448	2.29	20.60	22.89	46.91	24.02	Line	Average
0.448	19.61	20.60	40.21	56.91	16.70	Line	QP
0.687	1.09	20.56	21.65	46.00	24.35	Line	Average
0.687	19.20	20.56	39.76	56.00	16.24	Line	QP
0.759	4.24	20.57	24.81	46.00	21.19	Line	Average
0.759	19.87	20.57	40.44	56.00	15.56	Line	QP
0.763	4.13	20.57	24.70	46.00	21.30	Line	Average
0.763	20.44	20.57	41.01	56.00	14.99	Line	QP
0.962	-0.17	20.60	20.43	46.00	25.57	Line	Average
0.962	16.34	20.60	36.94	56.00	19.06	Line	QP
13.589	18.08	20.60	38.68	50.00	11.32	Line	Average
13.589	22.03	20.60	42.63	60.00	17.37	Line	QP

Project No.: 2607P41361E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8

Temp/Humi/ATM: 22.3°C/58%/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
0.438	5.19	20.60	25.79	47.10	21.31	Neutral	Average
0.438	22.54	20.60	43.14	57.10	13.96	Neutral	QP
0.576	2.92	20.57	23.49	46.00	22.51	Neutral	Average
0.576	19.68	20.57	40.25	56.00	15.75	Neutral	QP
0.715	5.06	20.56	25.62	46.00	20.38	Neutral	Average
0.715	20.11	20.56	40.67	56.00	15.33	Neutral	QP
0.769	6.29	20.58	26.87	46.00	19.13	Neutral	Average
0.769	20.83	20.58	41.41	56.00	14.59	Neutral	QP
0.868	2.19	20.58	22.77	46.00	23.23	Neutral	Average
0.868	17.93	20.58	38.51	56.00	17.49	Neutral	QP
13.526	11.20	20.60	31.80	50.00	18.20	Neutral	Average
13.526	19.00	20.60	39.60	60.00	20.40	Neutral	QP

FCC§15.225, §15.205 & §15.209 - 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.

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):

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

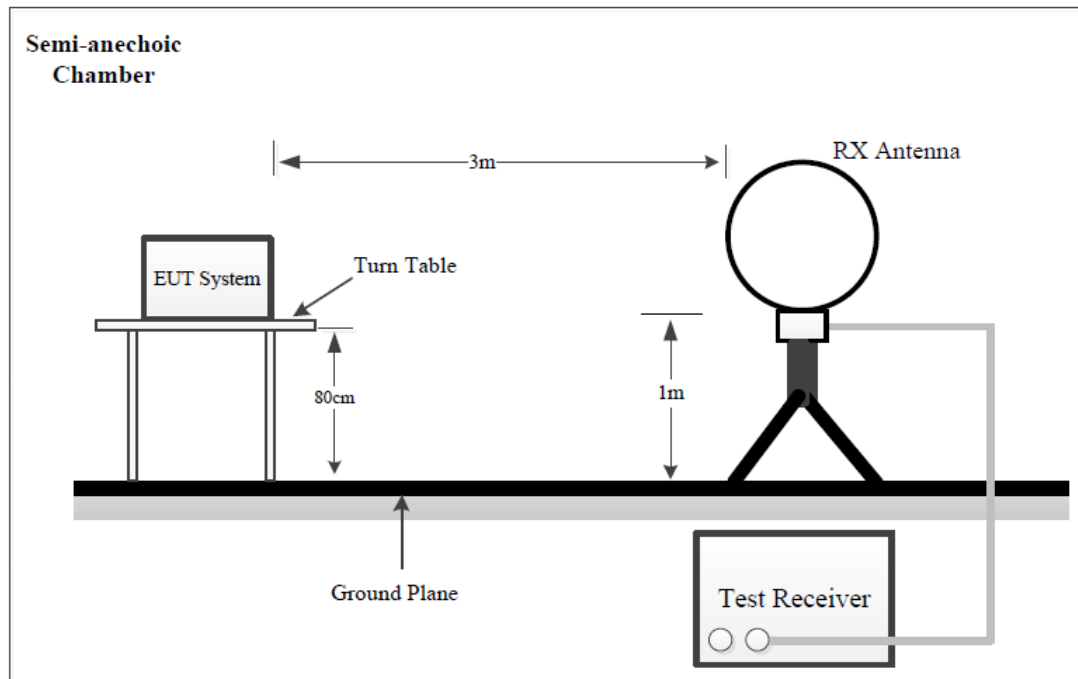
where

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

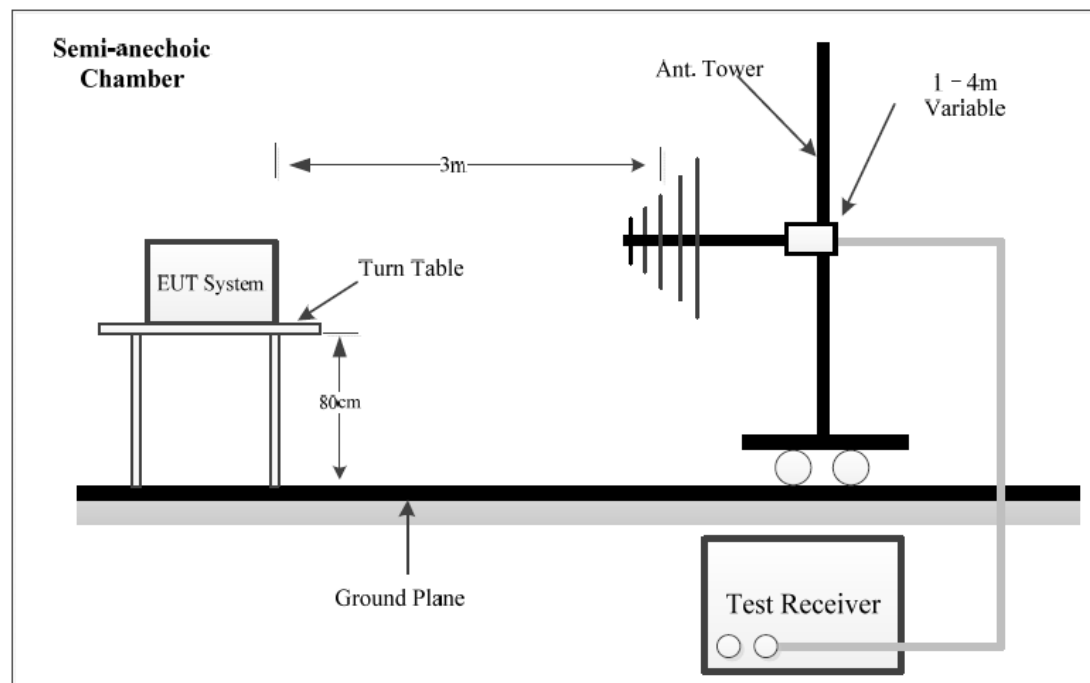
Note: dBμV/m = 20 log(μV/m)

Test System Setup

9 kHz-30MHz:



30MHz-1GHz:



The radiated emission tests using the setup accordance with the ANSI C63.10-2020.
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)

Test Data

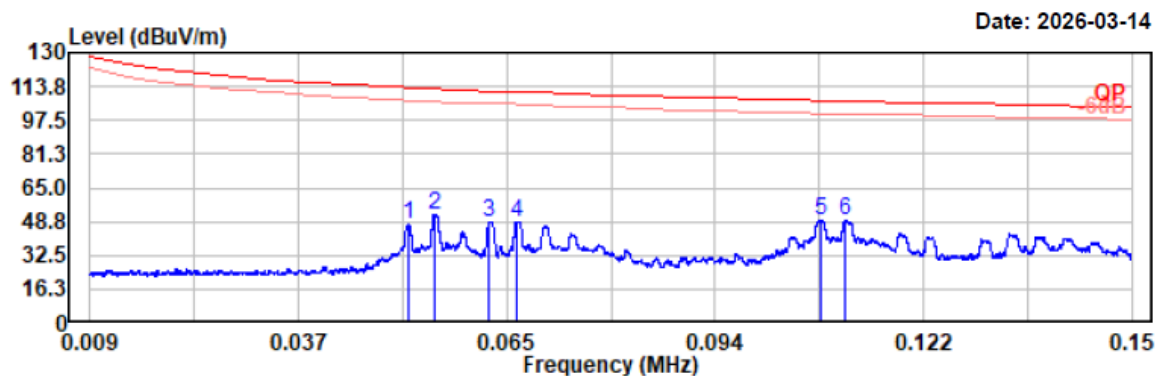
Frequency Range:	9kHz~30MHz	30MHz~1GHz
Temperature:	22.1°C	22.1°C
Relative Humidity:	42 %	42 %
ATM Pressure:	100.1 kPa	100.1 kPa
Test Date:	2026-03-14	2026-03-14
Test Engineer:	Wlif Wu	Wlif Wu

For Configuration 1# (Scanner version)**1) 9 kHz~150 kHz:****Tested without NFC card**

Parallel

Project No.: 2607P41361E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/42%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



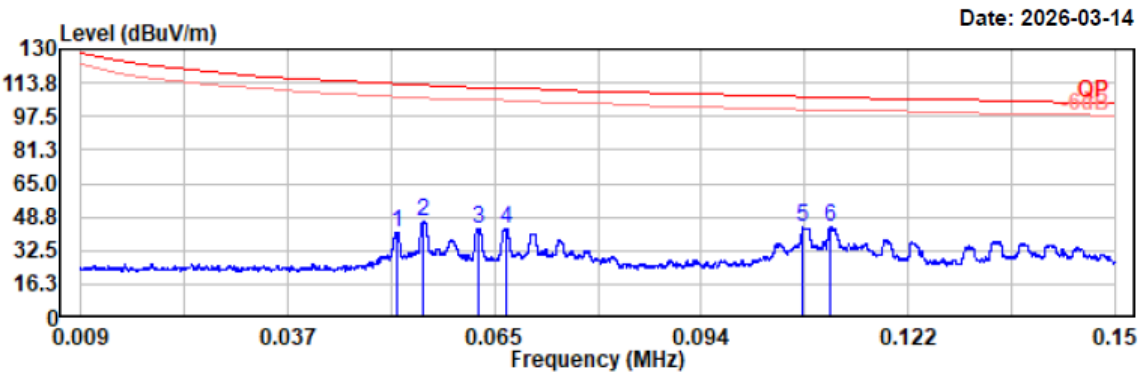
Condition: PK RBW:300Hz VBW:1kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
0.052	27.46	19.91	47.37	113.29	65.92	Peak
0.056	32.42	19.91	52.33	112.71	60.38	Peak
0.063	28.83	19.88	48.71	111.62	62.91	Peak
0.067	28.90	19.84	48.74	111.11	62.37	Peak
0.108	29.68	19.73	49.41	106.95	57.54	Peak
0.111	29.87	19.73	49.60	106.68	57.08	Peak

Perpendicular

Project No.: 2607P41361E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/42%/100.1kPa
Tested by: Wliff Wu
Power Source: AC 120V/60Hz



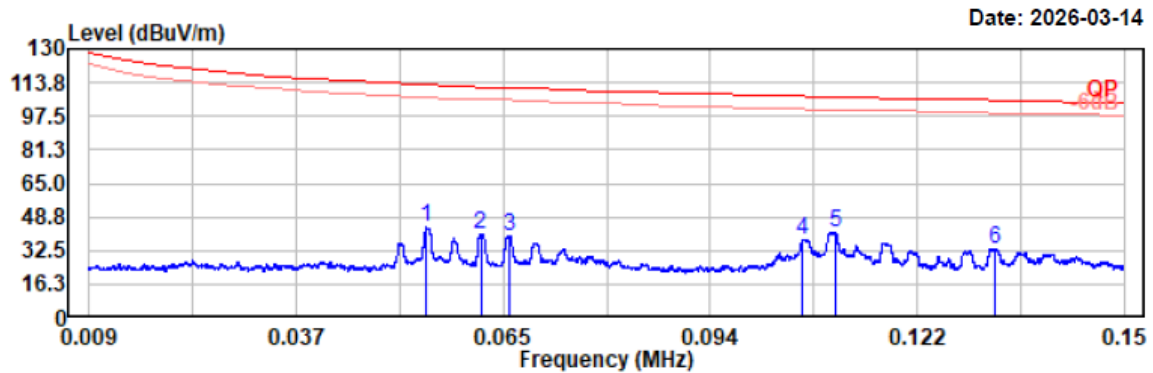
Condition: PK RBW:300Hz VBW:1kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
0.052	21.54	19.91	41.45	113.26	71.81	Peak
0.056	26.69	19.91	46.60	112.71	66.11	Peak
0.063	23.01	19.88	42.89	111.60	68.71	Peak
0.067	23.23	19.84	43.07	111.08	68.01	Peak
0.107	23.80	19.73	43.53	106.98	63.45	Peak
0.111	24.31	19.73	44.04	106.69	62.65	Peak

Ground-parallel

Project No.: 2607P41361E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/42%/100.1kPa
Tested by: Wliff Wu
Power Source: AC 120V/60Hz



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

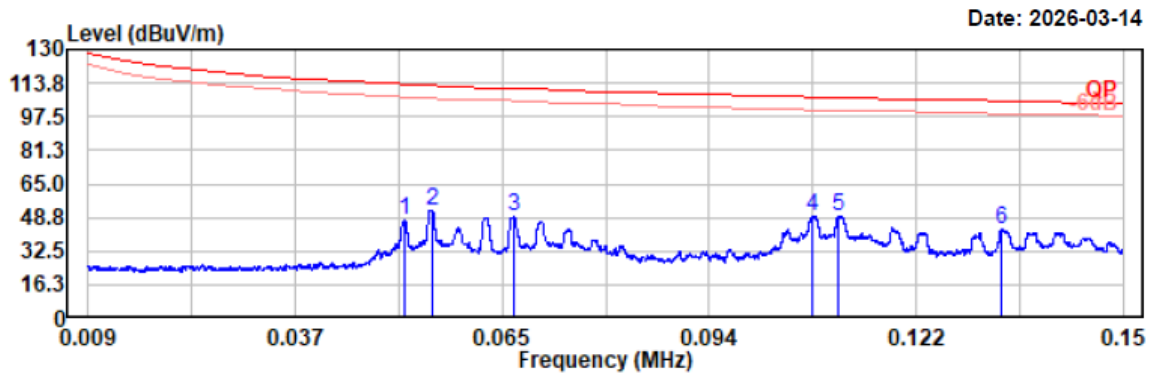
Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
0.055	23.61	19.91	43.52	112.81	69.29	Peak
0.062	20.16	19.89	40.05	111.72	71.67	Peak
0.066	19.64	19.85	39.49	111.18	71.69	Peak
0.106	18.21	19.73	37.94	107.08	69.14	Peak
0.111	21.41	19.73	41.14	106.73	65.59	Peak
0.132	13.32	19.73	33.05	105.16	72.11	Peak

Tested with NFC card

Parallel

Project No.: 2607P41361E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/42%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



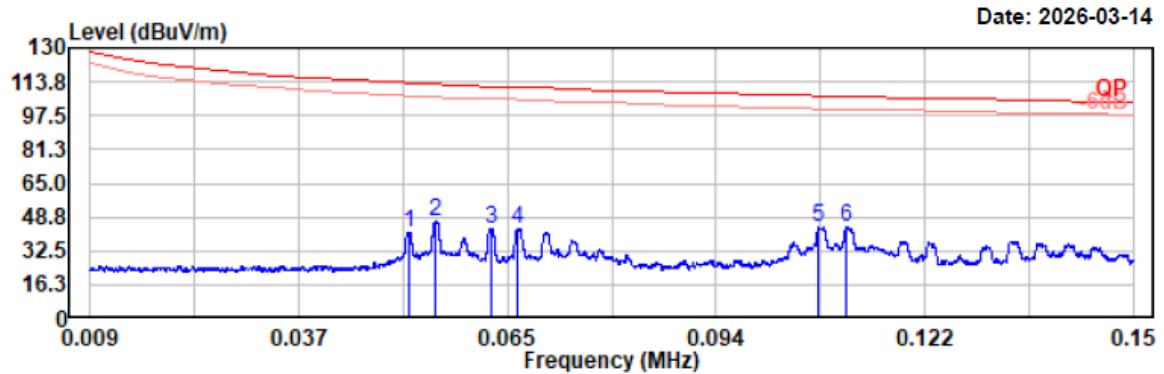
Condition: PK RBW:300Hz VBW:1kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
0.052	27.42	19.91	47.33	113.27	65.94	Peak
0.056	32.30	19.91	52.21	112.68	60.47	Peak
0.067	29.08	19.84	48.92	111.09	62.17	Peak
0.108	29.84	19.73	49.57	106.96	57.39	Peak
0.111	29.84	19.73	49.57	106.69	57.12	Peak
0.133	22.96	19.73	42.69	105.10	62.41	Peak

Perpendicular

Project No.: 2607P41361E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/42%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



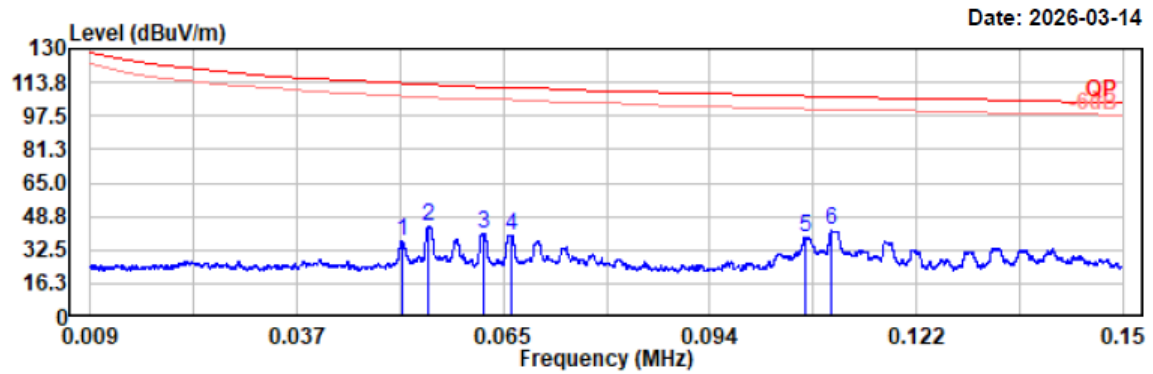
Condition: PK RBW:300Hz VBW:1kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
0.052	21.54	19.91	41.45	113.27	71.82	Peak
0.056	26.63	19.91	46.54	112.71	66.17	Peak
0.063	23.33	19.88	43.21	111.59	68.38	Peak
0.067	23.47	19.84	43.31	111.11	67.80	Peak
0.107	23.93	19.73	43.66	106.98	63.32	Peak
0.111	24.08	19.73	43.81	106.68	62.87	Peak

Ground-parallel

Project No.: 2607P41361E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/42%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



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

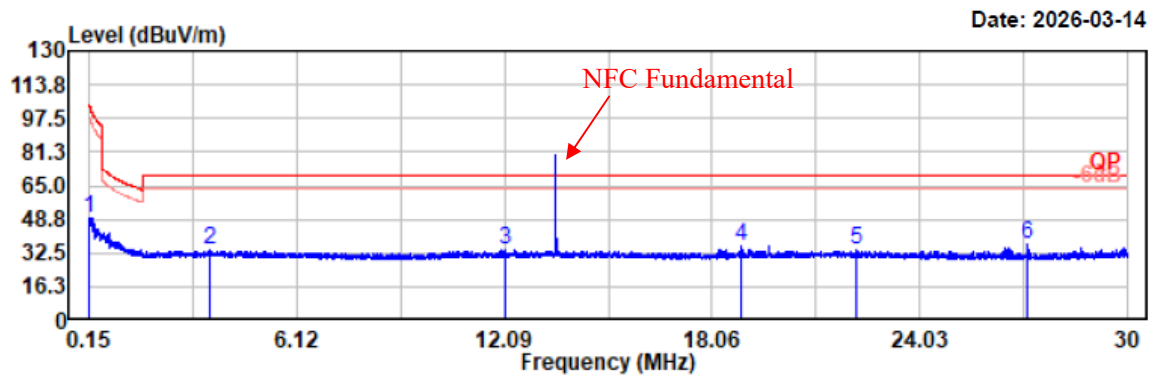
Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
0.051	17.17	19.91	37.08	113.38	76.30	Peak
0.055	23.97	19.91	43.88	112.78	68.90	Peak
0.063	20.32	19.88	40.20	111.67	71.47	Peak
0.067	19.80	19.84	39.64	111.14	71.50	Peak
0.107	19.09	19.73	38.82	107.05	68.23	Peak
0.110	22.19	19.73	41.92	106.76	64.84	Peak

2) 150kHz-30MHz**Tested without NFC card**

Parallel

Project No.: 2607P41361E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/42%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



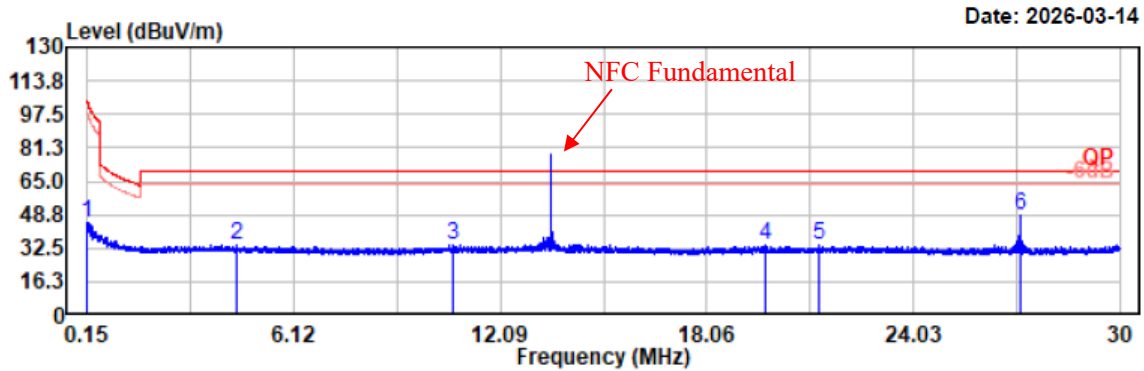
Condition: PK RBW:10kHz VBW:30kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
0.159	30.01	19.72	49.73	103.58	53.85	Peak
3.610	14.22	19.80	34.02	69.54	35.52	Peak
12.117	14.21	19.73	33.94	69.54	35.60	Peak
18.914	15.98	20.01	35.99	69.54	33.55	Peak
22.224	13.79	20.14	33.93	69.54	35.61	Peak
27.122	16.96	20.11	37.07	69.54	32.47	Peak

Perpendicular

Project No.: 2607P41361E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/42%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



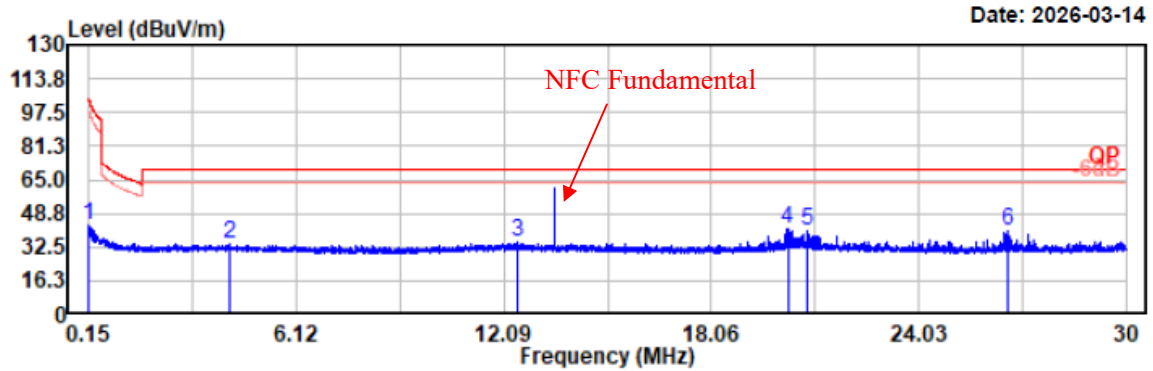
Condition: PK RBW:10kHz VBW:30kHz SWT:auto

Freq MHz	Reading dBUV	Factor dB/m	Result dBUV/m	Limit dBUV/m	Margin dB	Remark
0.159	25.52	19.72	45.24	103.58	58.34	Peak
4.448	14.42	19.72	34.14	69.54	35.40	Peak
10.732	14.36	19.71	34.07	69.54	35.47	Peak
19.773	13.73	20.08	33.81	69.54	35.73	Peak
21.314	13.73	20.13	33.86	69.54	35.68	Peak
27.122	28.33	20.11	48.44	69.54	21.10	Peak

Ground-parallel

Project No.: 2607P41361E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/42%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



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

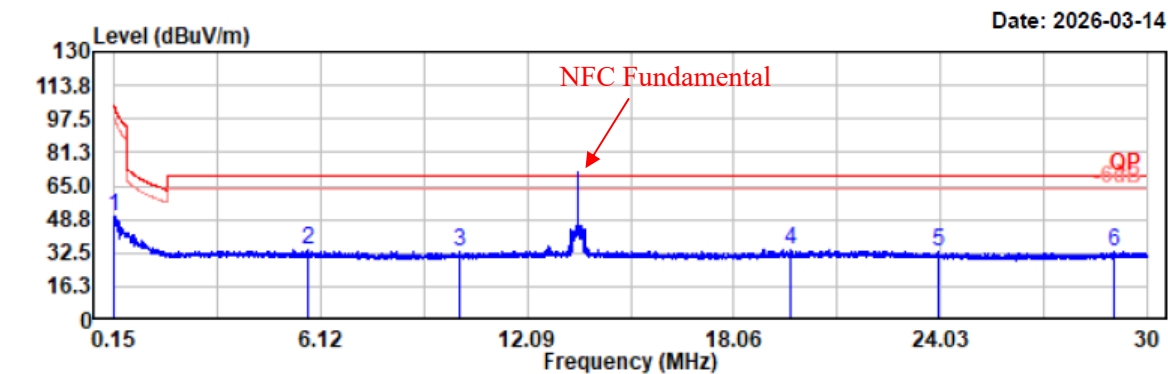
Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
0.162	23.49	19.72	43.21	103.42	60.21	Peak
4.183	14.22	19.74	33.96	69.54	35.58	Peak
12.502	15.23	19.73	34.96	69.54	34.58	Peak
20.260	21.34	20.10	41.44	69.54	28.10	Peak
20.809	20.45	20.11	40.56	69.54	28.98	Peak
26.612	19.78	20.14	39.92	69.54	29.62	Peak

Tested with NFC card

Parallel

Project No.: 2607P41361E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/42%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



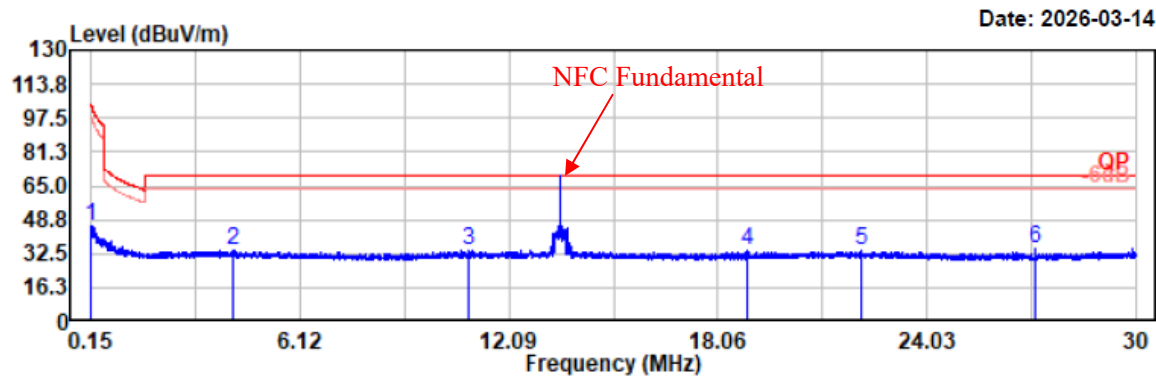
Condition: PK RBW:10kHz VBW:30kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
0.159	30.80	19.72	50.52	103.58	53.06	Peak
5.732	14.11	19.77	33.88	69.54	35.66	Peak
10.135	13.60	19.70	33.30	69.54	36.24	Peak
19.711	14.11	20.07	34.18	69.54	35.36	Peak
23.982	13.35	20.19	33.54	69.54	36.00	Peak
29.042	13.00	20.01	33.01	69.54	36.53	Peak

Perpendicular

Project No.: 2607P41361E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/42%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



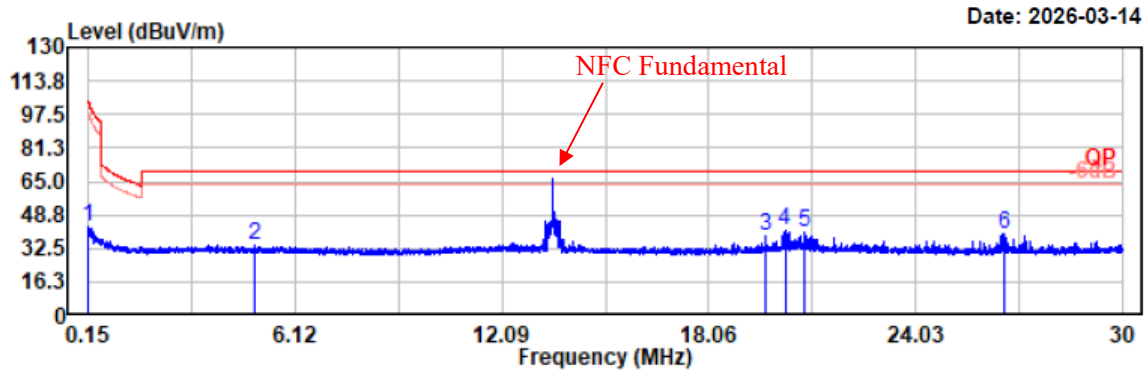
Condition: PK RBW:10kHz VBW:30kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
0.159	25.97	19.72	45.69	103.58	57.89	Peak
4.216	14.51	19.74	34.25	69.54	35.29	Peak
10.938	14.32	19.71	34.03	69.54	35.51	Peak
18.917	13.87	20.02	33.89	69.54	35.65	Peak
22.170	13.70	20.14	33.84	69.54	35.70	Peak
27.122	15.06	20.11	35.17	69.54	34.37	Peak

Ground-parallel

Project No.: 2607P41361E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/42%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



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

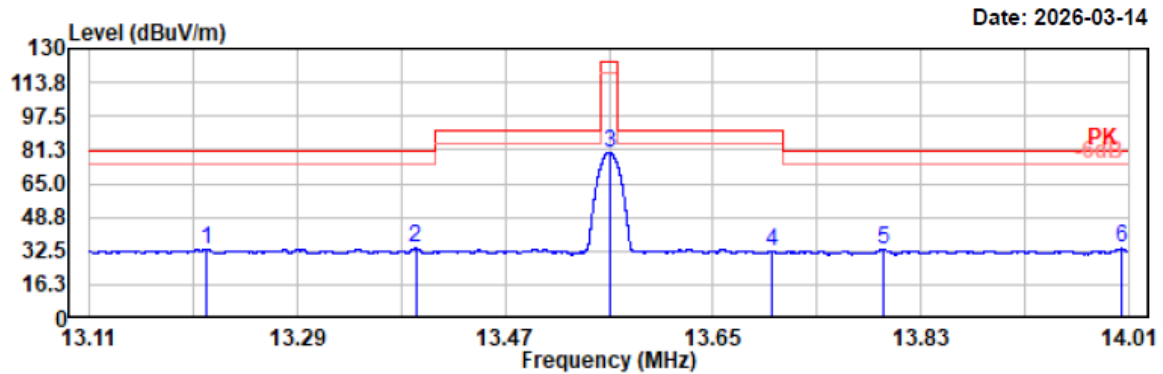
Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
0.159	23.37	19.72	43.09	103.58	60.49	Peak
4.971	14.63	19.67	34.30	69.54	35.24	Peak
19.711	18.05	20.07	38.12	69.54	31.42	Peak
20.260	20.86	20.10	40.96	69.54	28.58	Peak
20.809	20.65	20.11	40.76	69.54	28.78	Peak
26.612	19.72	20.14	39.86	69.54	29.68	Peak

3) 13.11MHz-14.01MHz:**Tested without NFC card**

Parallel

Project No.: 2607P41361E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/42%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



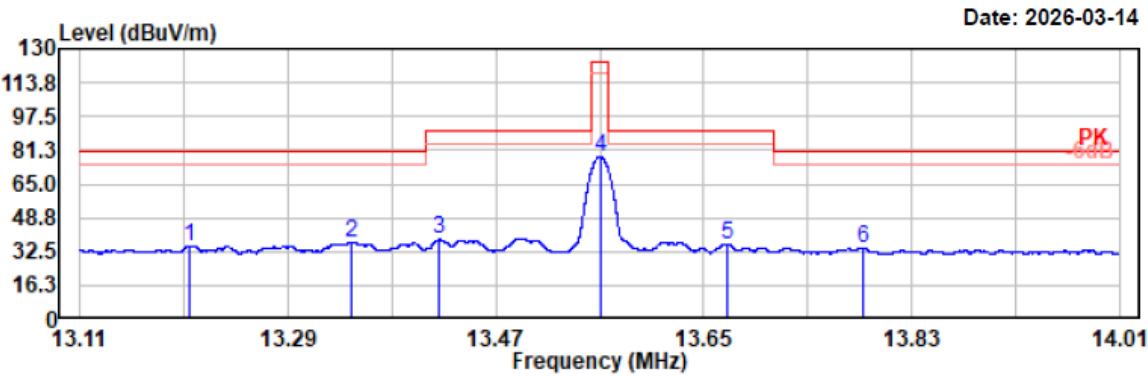
Condition: PK RBW:10kHz VBW:30kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
13.211	13.37	19.74	33.11	80.51	47.40	Peak
13.393	14.01	19.74	33.75	80.51	46.76	Peak
13.560	60.30	19.74	80.04	124.00	43.96	Peak
13.701	12.93	19.74	32.67	90.47	57.80	Peak
13.797	13.13	19.75	32.88	80.51	47.63	Peak
14.004	13.88	19.75	33.63	80.51	46.88	Peak

Perpendicular

Project No.: 2607P41361E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/42%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



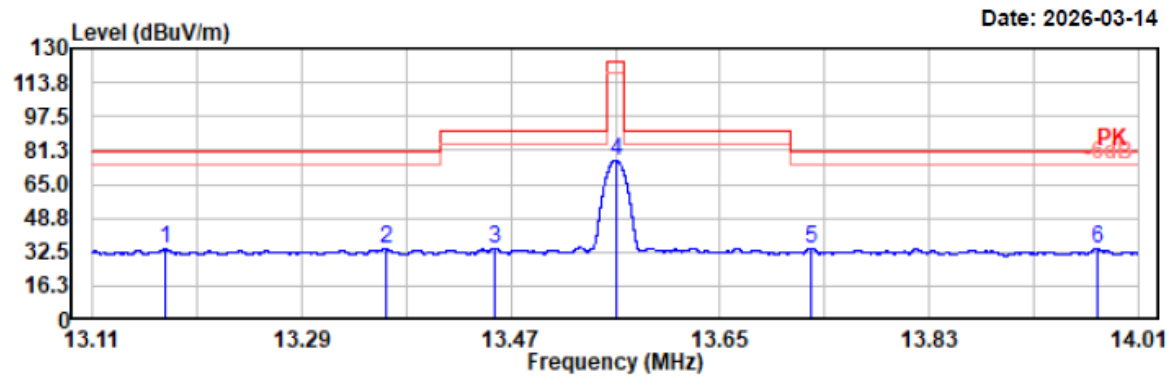
Condition: PK RBW:10kHz VBW:30kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
13.205	15.49	19.74	35.23	80.51	45.28	Peak
13.345	17.25	19.74	36.99	80.51	43.52	Peak
13.421	18.41	19.74	38.15	90.47	52.32	Peak
13.560	58.25	19.74	77.99	124.00	46.01	Peak
13.671	16.45	19.74	36.19	90.47	54.28	Peak
13.788	14.69	19.75	34.44	80.51	46.07	Peak

Ground-parallel

Project No.: 2607P41361E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/42%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



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

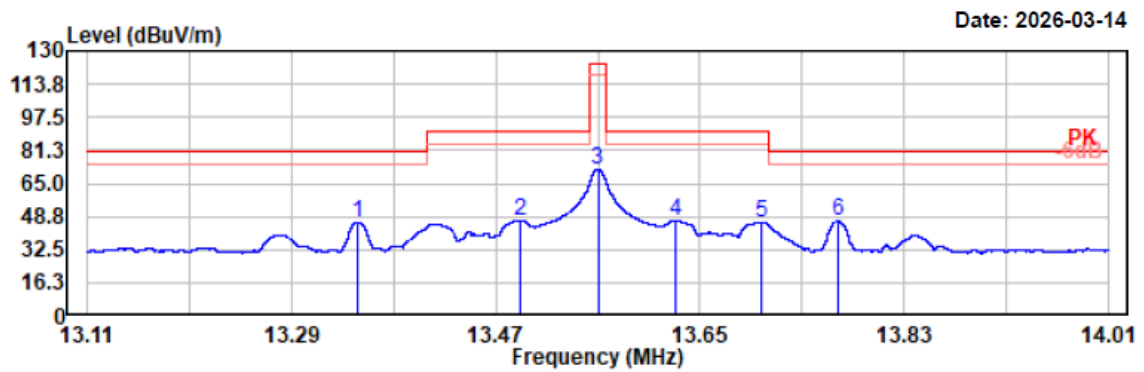
Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
13.172	14.06	19.74	33.80	80.51	46.71	Peak
13.362	14.29	19.74	34.03	80.51	46.48	Peak
13.456	14.75	19.74	34.49	90.47	55.98	Peak
13.560	56.73	19.74	76.47	124.00	47.53	Peak
13.728	14.44	19.74	34.18	80.51	46.33	Peak
13.974	14.24	19.75	33.99	80.51	46.52	Peak

Tested with NFC card

Parallel

Project No.: 2607P41361E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/42%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



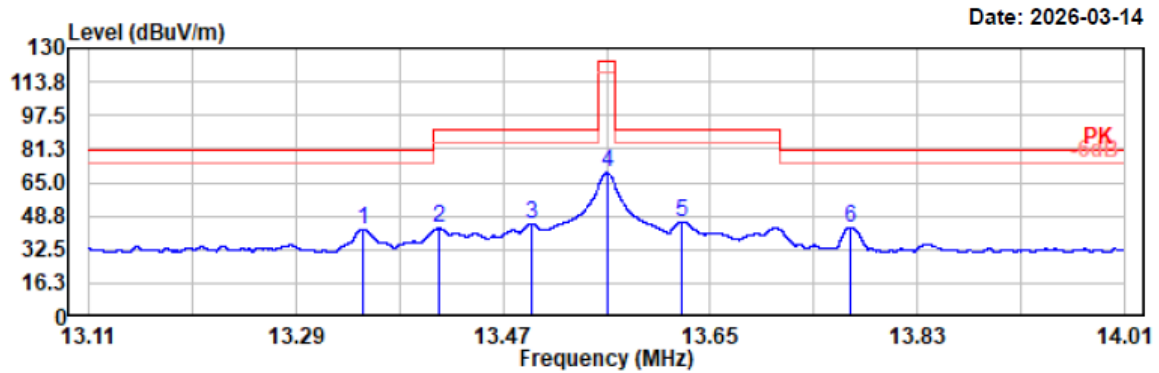
Condition: PK RBW:10kHz VBW:30kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
13.348	26.24	19.74	45.98	80.51	34.53	Peak
13.491	27.15	19.74	46.89	90.47	43.58	Peak
13.560	52.16	19.74	71.90	124.00	52.10	Peak
13.629	27.09	19.74	46.83	90.47	43.64	Peak
13.704	26.24	19.74	45.98	90.47	44.49	Peak
13.772	26.74	19.75	46.49	80.51	34.02	Peak

Perpendicular

Project No.: 2607P41361E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/42%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



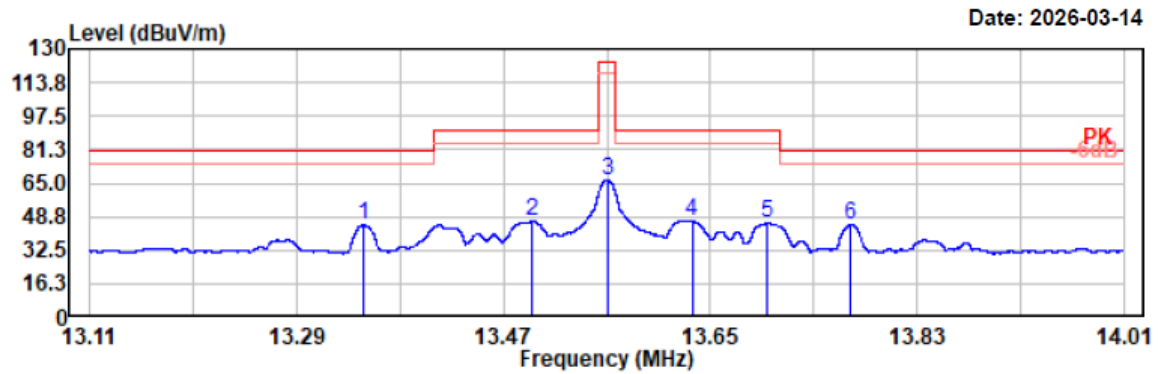
Condition: PK RBW:10kHz VBW:30kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
13.348	22.53	19.74	42.27	80.51	38.24	Peak
13.414	22.97	19.74	42.71	90.47	47.76	Peak
13.495	25.11	19.74	44.85	90.47	45.62	Peak
13.560	49.96	19.74	69.70	124.00	54.30	Peak
13.626	26.20	19.74	45.94	90.47	44.53	Peak
13.772	23.62	19.75	43.37	80.51	37.14	Peak

Ground-parallel

Project No.: 2607P41361E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/42%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



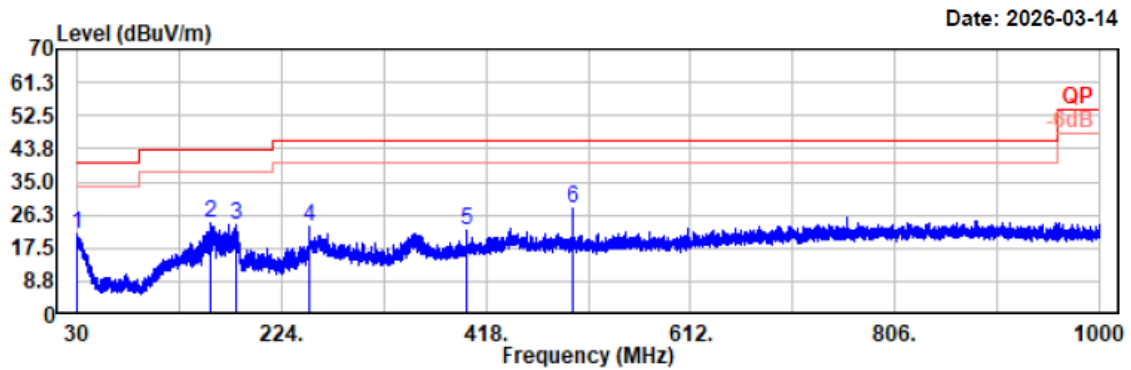
Condition: PK RBW:10kHz VBW:30kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
13.348	24.84	19.74	44.58	80.51	35.93	Peak
13.495	26.63	19.74	46.37	90.47	44.10	Peak
13.560	46.97	19.74	66.71	124.00	57.29	Peak
13.634	26.72	19.74	46.46	90.47	44.01	Peak
13.700	25.69	19.74	45.43	90.47	45.04	Peak
13.772	24.98	19.75	44.73	80.51	35.78	Peak

4) 30MHz-1GHz**Tested without NFC card**

Project No.: 2607P41361E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/42%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

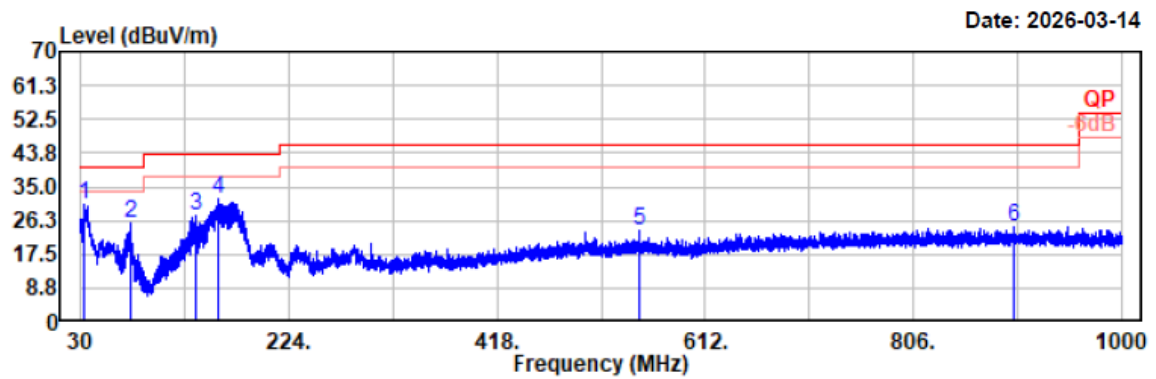


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
30.29	27.34	-6.17	21.17	40.00	18.83	Horizontal	Peak
156.59	37.77	-13.45	24.32	43.50	19.18	Horizontal	Peak
180.45	38.41	-14.64	23.77	43.50	19.73	Horizontal	Peak
250.00	37.54	-14.26	23.28	46.00	22.72	Horizontal	Peak
399.96	32.21	-10.05	22.16	46.00	23.84	Horizontal	Peak
499.97	35.34	-7.46	27.88	46.00	18.12	Horizontal	Peak

Project No.: 2607P41361E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/42%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



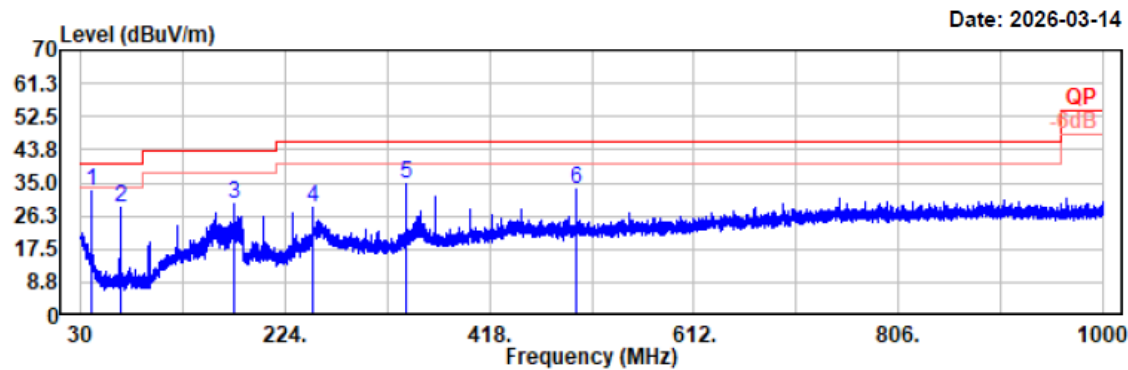
Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
33.78	38.29	-8.05	30.24	40.00	9.76	Vertical	Peak
75.88	43.92	-18.46	25.46	40.00	14.54	Vertical	Peak
136.80	39.79	-12.32	27.47	43.50	16.03	Vertical	Peak
157.85	45.18	-13.53	31.65	43.50	11.85	Vertical	Peak
550.02	30.83	-7.05	23.78	46.00	22.22	Vertical	Peak
899.90	27.87	-3.02	24.85	46.00	21.15	Vertical	Peak

Tested with NFC card

Project No.: 2607P41361E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/42%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

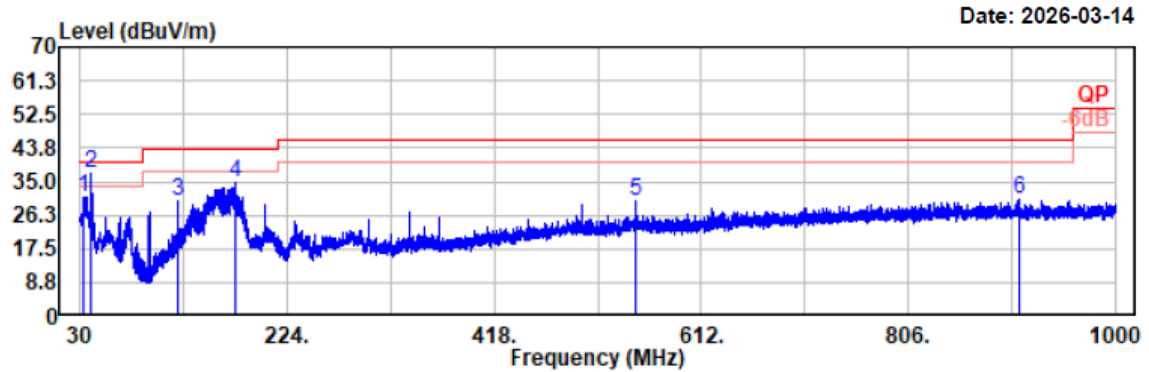


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
40.67	45.02	-12.12	32.90	40.00	7.10	Horizontal	Peak
67.73	45.65	-17.11	28.54	40.00	11.46	Horizontal	Peak
176.28	41.67	-12.13	29.54	43.50	13.96	Horizontal	Peak
250.00	40.03	-11.41	28.62	46.00	17.38	Horizontal	Peak
338.95	42.94	-8.37	34.57	46.00	11.43	Horizontal	Peak
499.97	36.61	-3.40	33.21	46.00	12.79	Horizontal	Peak

Project No.: 2607P41361E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/42%/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
33.98	38.44	-7.49	30.95	40.00	9.05	Vertical	Peak
40.67	49.20	-12.12	37.08	40.00	2.92	Vertical	QP
121.96	40.18	-10.16	30.02	43.50	13.48	Vertical	Peak
174.82	46.93	-12.13	34.80	43.50	8.70	Vertical	Peak
550.02	32.71	-2.75	29.96	46.00	16.04	Vertical	Peak
909.60	27.70	2.66	30.36	46.00	15.64	Vertical	Peak

For Configuration 2# (2nd display version)

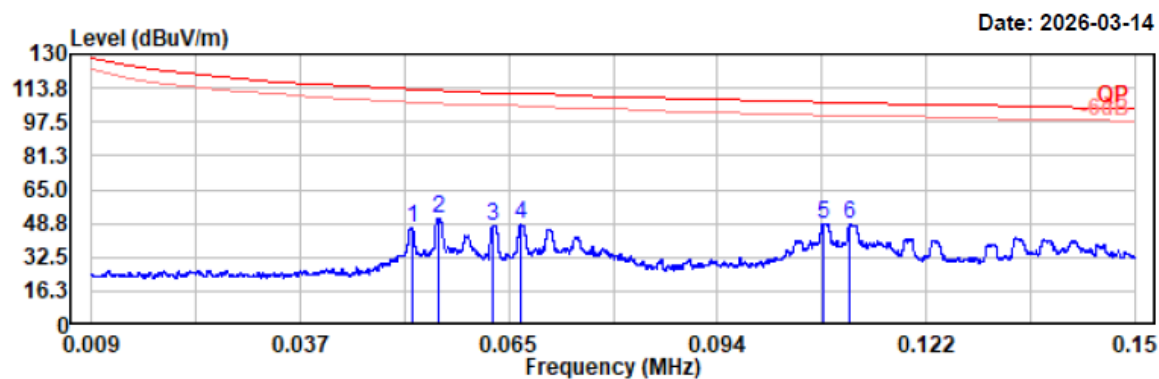
1) 9 kHz~150 kHz:

Tested without NFC card

Parallel

Project No.: 2607P41361E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/42%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



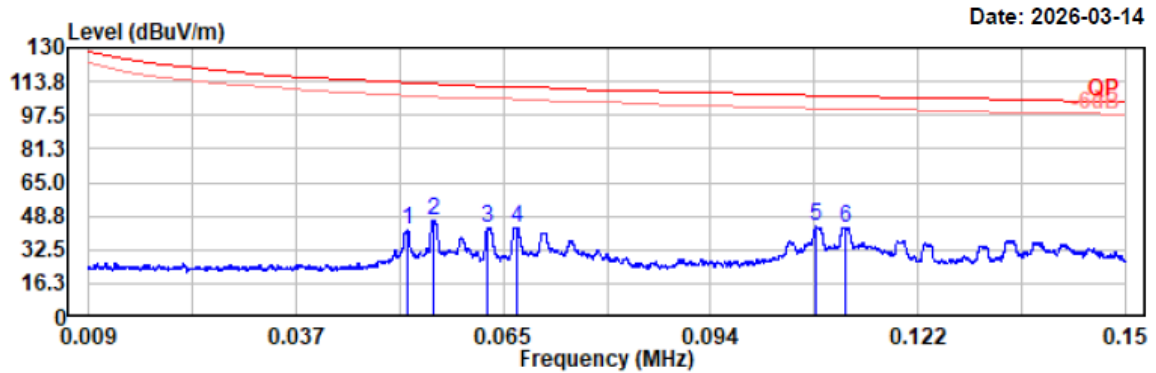
Condition: PK RBW:300Hz VBW:1kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
0.052	27.03	19.91	46.94	113.24	66.30	Peak
0.056	31.47	19.91	51.38	112.66	61.28	Peak
0.063	28.00	19.88	47.88	111.59	63.71	Peak
0.067	28.18	19.84	48.02	111.10	63.08	Peak
0.108	28.78	19.73	48.51	106.95	58.44	Peak
0.112	28.65	19.73	48.38	106.66	58.28	Peak

Perpendicular

Project No.: 2607P41361E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/42%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



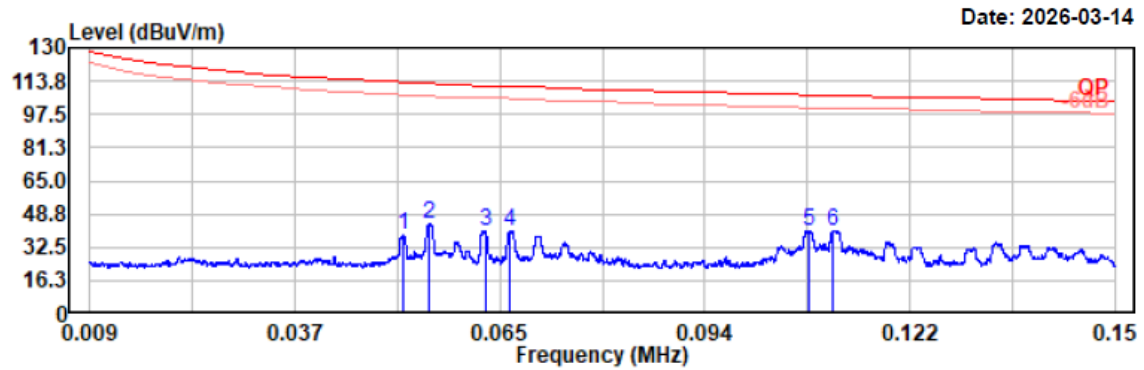
Condition: PK RBW:300Hz VBW:1kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
0.052	21.85	19.91	41.76	113.25	71.49	Peak
0.056	26.60	19.91	46.51	112.65	66.14	Peak
0.063	23.28	19.88	43.16	111.58	68.42	Peak
0.067	23.40	19.84	43.24	111.04	67.80	Peak
0.108	23.87	19.73	43.60	106.94	63.34	Peak
0.112	23.61	19.73	43.34	106.62	63.28	Peak

Ground-parallel

Project No.: 2607P41361E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/42%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



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

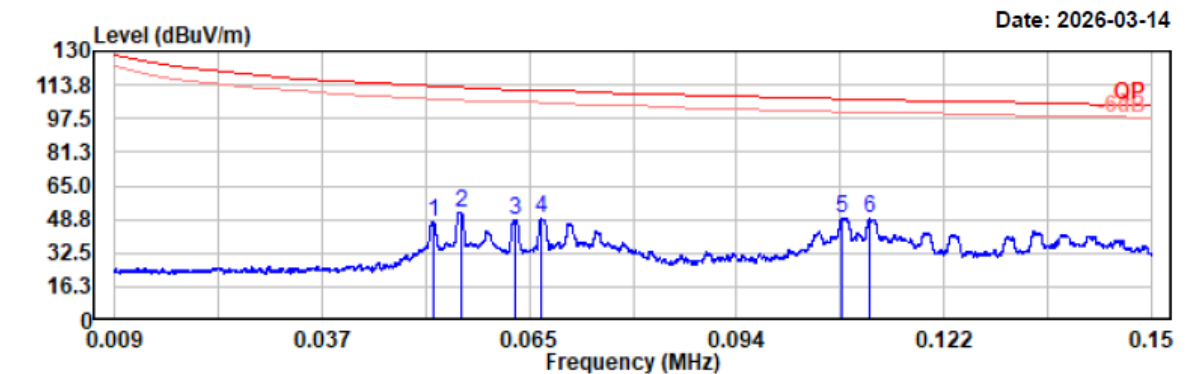
Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
0.052	18.42	19.91	38.33	113.28	74.95	Peak
0.056	23.68	19.91	43.59	112.70	69.11	Peak
0.063	20.59	19.88	40.47	111.56	71.09	Peak
0.067	20.35	19.84	40.19	111.12	70.93	Peak
0.108	20.92	19.73	40.65	106.95	66.30	Peak
0.111	20.99	19.73	40.72	106.68	65.96	Peak

Tested with NFC card

Parallel

Project No.: 2607P41361E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/42%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



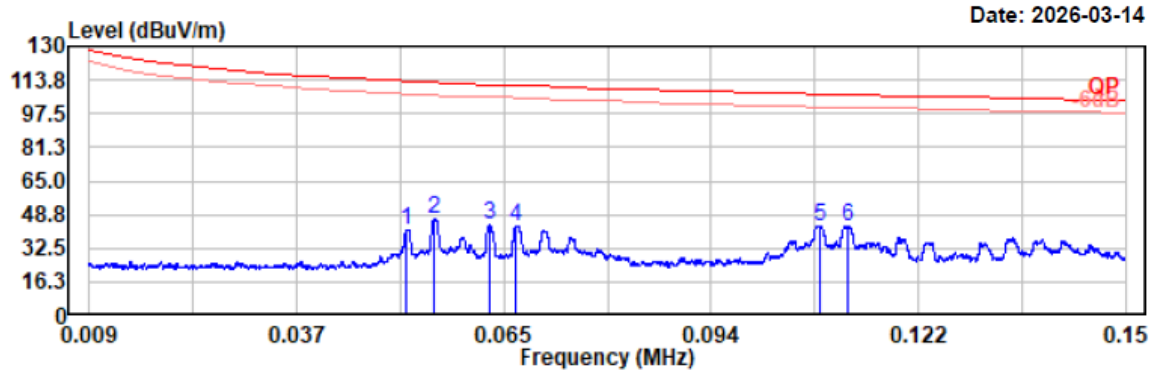
Condition: PK RBW:300Hz VBW:1kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
0.052	27.71	19.91	47.62	113.25	65.63	Peak
0.056	32.31	19.91	52.22	112.62	60.40	Peak
0.063	28.91	19.88	48.79	111.56	62.77	Peak
0.067	29.15	19.84	48.99	111.09	62.10	Peak
0.108	29.41	19.73	49.14	106.95	57.81	Peak
0.112	29.21	19.73	48.94	106.65	57.71	Peak

Perpendicular

Project No.: 2607P41361E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/42%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



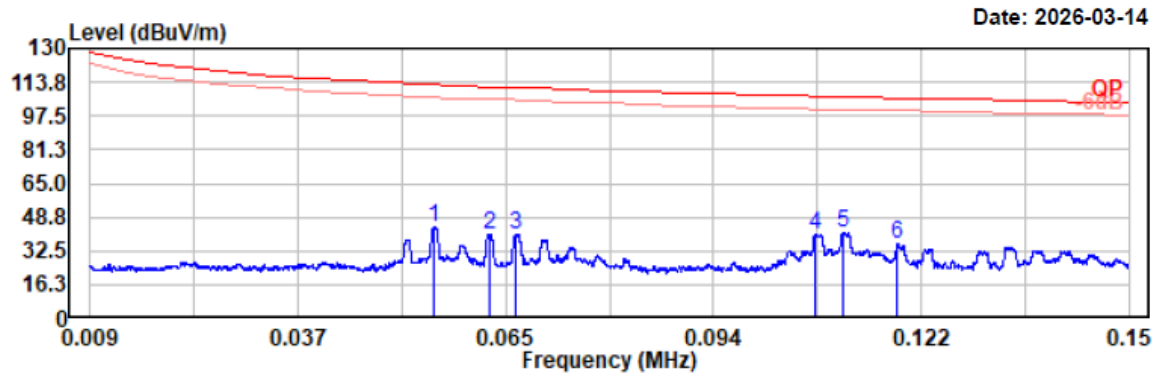
Condition: PK RBW:300Hz VBW:1kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
0.052	21.74	19.91	41.65	113.26	71.61	Peak
0.056	26.44	19.91	46.35	112.67	66.32	Peak
0.064	23.65	19.87	43.52	111.54	68.02	Peak
0.067	23.38	19.84	43.22	111.08	67.86	Peak
0.109	23.68	19.73	43.41	106.90	63.49	Peak
0.112	23.41	19.73	43.14	106.62	63.48	Peak

Ground-parallel

Project No.: 2607P41361E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/42%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



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

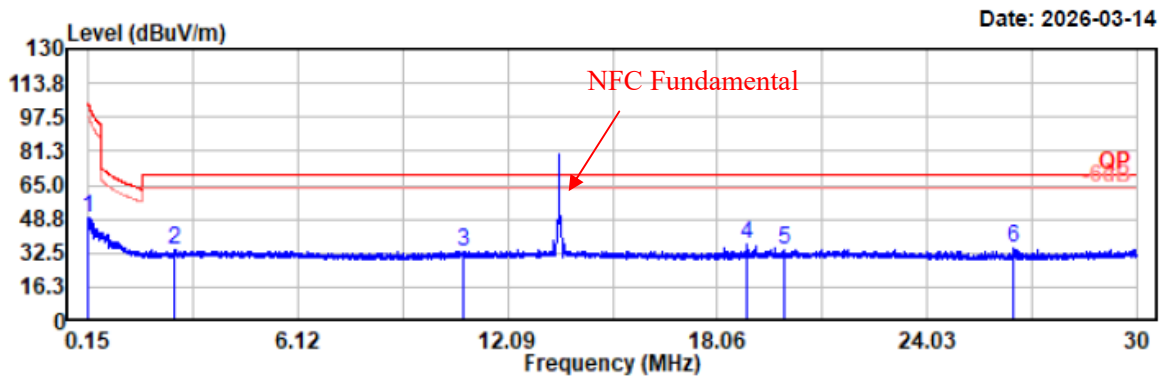
Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
0.056	23.89	19.91	43.80	112.71	68.91	Peak
0.063	20.53	19.88	40.41	111.58	71.17	Peak
0.067	20.52	19.84	40.36	111.12	70.76	Peak
0.107	20.48	19.73	40.21	106.98	66.77	Peak
0.111	21.94	19.73	41.67	106.68	65.01	Peak
0.119	16.07	19.73	35.80	106.13	70.33	Peak

2) 150kHz-30MHz**Tested without NFC card**

Parallel

Project No.: 2607P41361E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/42%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



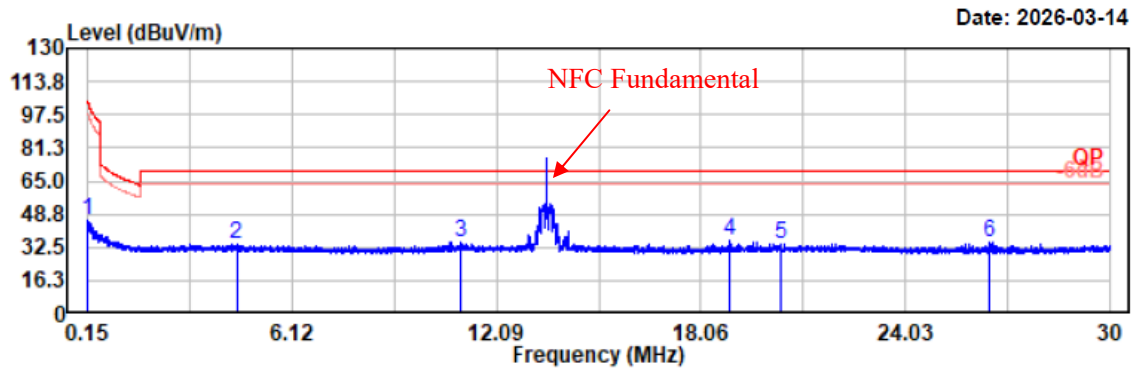
Condition: PK RBW:10kHz VBW:30kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
0.162	29.93	19.72	49.65	103.42	53.77	Peak
2.625	14.67	19.74	34.41	69.54	35.13	Peak
10.836	13.65	19.71	33.36	69.54	36.18	Peak
18.917	16.46	20.02	36.48	69.54	33.06	Peak
19.958	14.25	20.09	34.34	69.54	35.20	Peak
26.493	14.53	20.14	34.67	69.54	34.87	Peak

Perpendicular

Project No.: 2607P41361E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/42%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



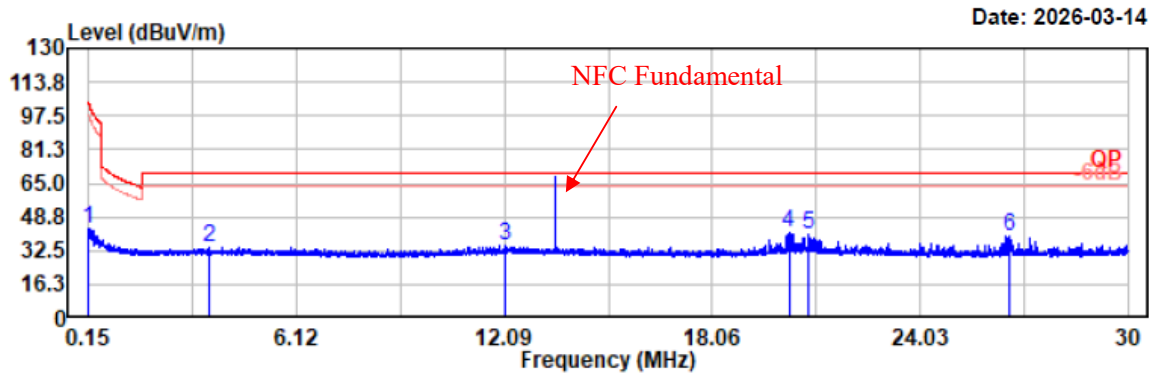
Condition: PK RBW:10kHz VBW:30kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
0.162	26.13	19.72	45.85	103.42	57.57	Peak
4.496	14.35	19.71	34.06	69.54	35.48	Peak
11.042	15.49	19.71	35.20	69.54	34.34	Peak
18.917	15.45	20.02	35.47	69.54	34.07	Peak
20.385	13.83	20.10	33.93	69.54	35.61	Peak
26.490	14.82	20.14	34.96	69.54	34.58	Peak

Ground-parallel

Project No.: 2607P41361E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/42%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



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

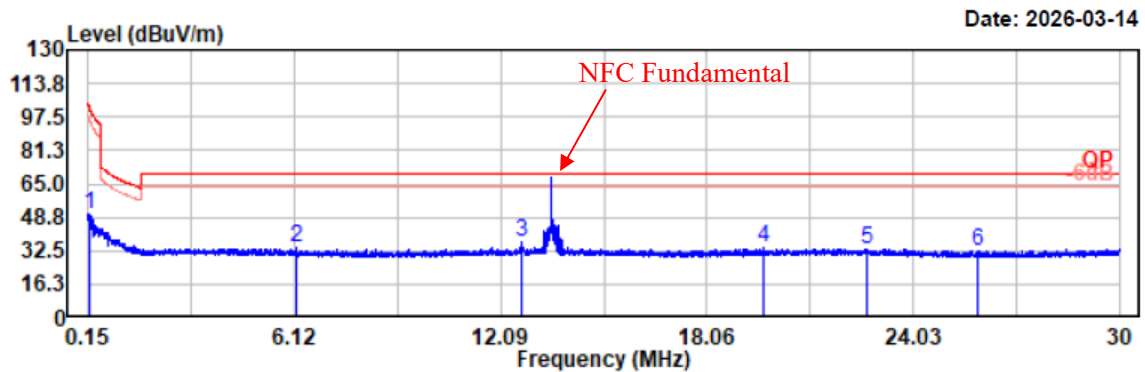
Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
0.159	23.64	19.72	43.36	103.58	60.22	Peak
3.598	14.33	19.80	34.13	69.54	35.41	Peak
12.135	15.27	19.73	35.00	69.54	34.54	Peak
20.260	20.83	20.10	40.93	69.54	28.61	Peak
20.809	20.32	20.11	40.43	69.54	29.11	Peak
26.612	19.55	20.14	39.69	69.54	29.85	Peak

Tested with NFC card

Parallel

Project No.: 2607P41361E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/42%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



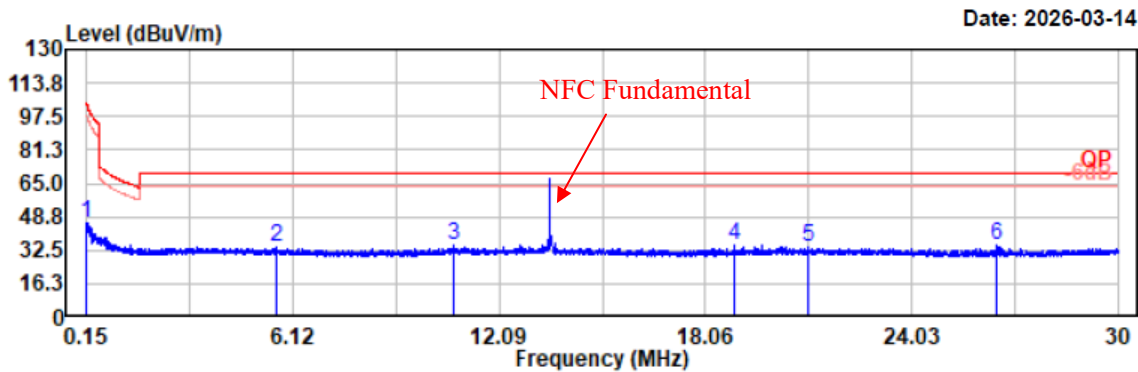
Condition: PK RBW:10kHz VBW:30kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
0.213	30.50	19.72	50.22	101.05	50.83	Peak
6.195	13.94	19.78	33.72	69.54	35.82	Peak
12.714	17.44	19.73	37.17	69.54	32.37	Peak
19.711	13.85	20.07	33.92	69.54	35.62	Peak
22.678	13.22	20.16	33.38	69.54	36.16	Peak
25.875	12.43	20.17	32.60	69.54	36.94	Peak

Perpendicular

Project No.: 2607P41361E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/42%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



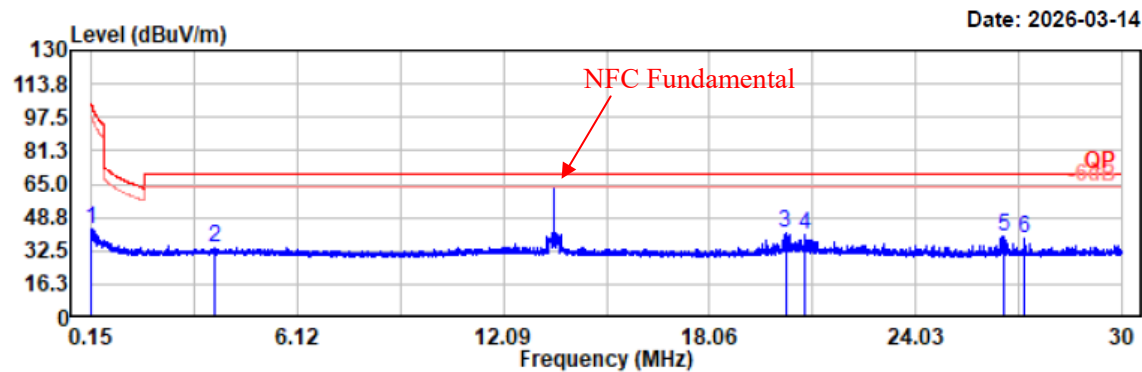
Condition: PK RBW:10kHz VBW:30kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
0.165	26.14	19.72	45.86	103.26	57.40	Peak
5.666	14.28	19.77	34.05	69.54	35.49	Peak
10.792	15.37	19.71	35.08	69.54	34.46	Peak
18.917	15.26	20.02	35.28	69.54	34.26	Peak
21.030	13.69	20.12	33.81	69.54	35.73	Peak
26.490	15.11	20.14	35.25	69.54	34.29	Peak

Ground-parallel

Project No.: 2607P41361E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/42%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



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

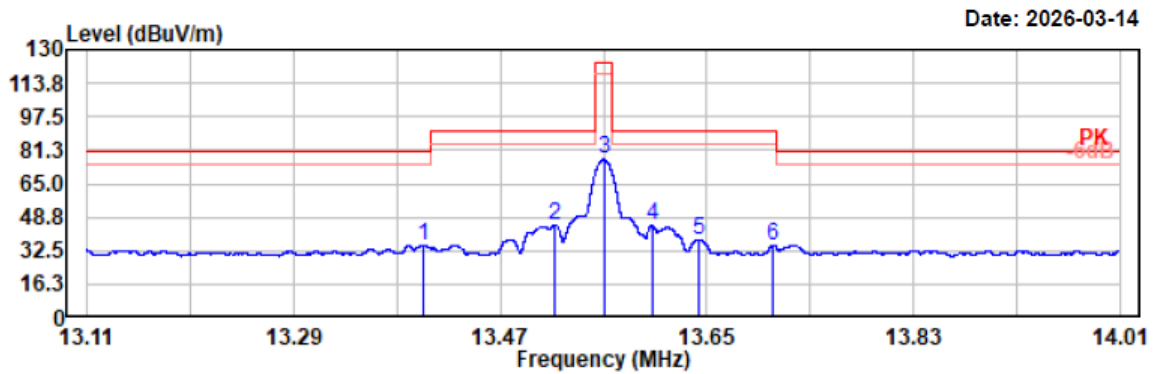
Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
0.159	23.14	19.72	42.86	103.58	60.72	Peak
3.723	14.54	19.79	34.33	69.54	35.21	Peak
20.260	20.91	20.10	41.01	69.54	28.53	Peak
20.809	20.65	20.11	40.76	69.54	28.78	Peak
26.612	19.74	20.14	39.88	69.54	29.66	Peak
27.161	18.71	20.11	38.82	69.54	30.72	Peak

3) 13.11MHz-14.01MHz:**Tested without NFC card**

Parallel

Project No.: 2607P41361E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/42%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



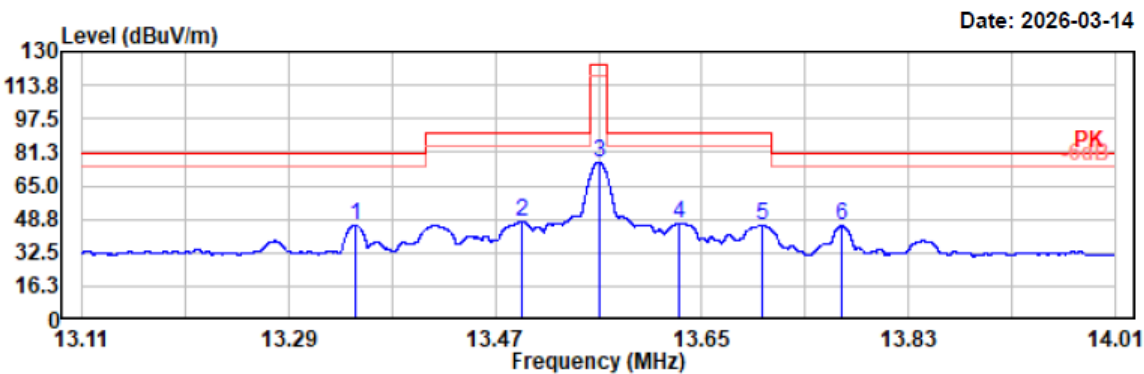
Condition: PK RBW:10kHz VBW:30kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
13.403	15.39	19.74	35.13	80.51	45.38	Peak
13.518	25.47	19.74	45.21	90.47	45.26	Peak
13.560	57.07	19.74	76.81	124.00	47.19	Peak
13.602	24.78	19.74	44.52	90.47	45.95	Peak
13.643	17.94	19.74	37.68	90.47	52.79	Peak
13.708	15.50	19.74	35.24	90.47	55.23	Peak

Perpendicular

Project No.: 2607P41361E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/42%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



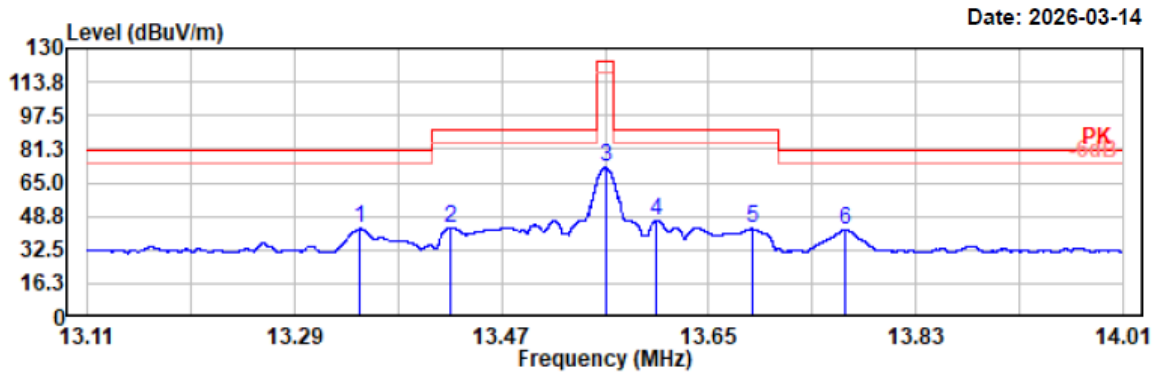
Condition: PK RBW:10kHz VBW:30kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
13.348	26.11	19.74	45.85	80.51	34.66	Peak
13.493	27.74	19.74	47.48	90.47	42.99	Peak
13.560	56.61	19.74	76.35	124.00	47.65	Peak
13.631	26.80	19.74	46.54	90.47	43.93	Peak
13.703	25.92	19.74	45.66	90.47	44.81	Peak
13.772	25.66	19.75	45.41	80.51	35.10	Peak

Ground-parallel

Project No.: 2607P41361E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/42%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



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

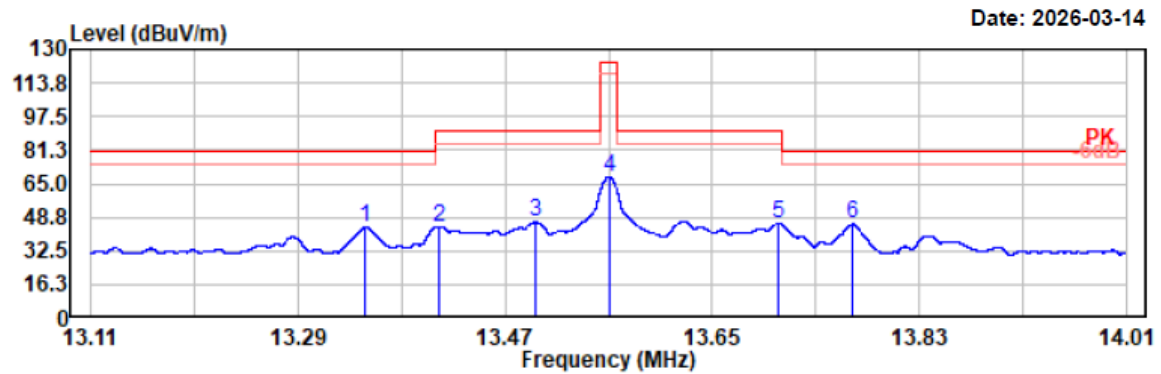
Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
13.347	22.88	19.74	42.62	80.51	37.89	Peak
13.426	23.47	19.74	43.21	90.47	47.26	Peak
13.560	52.46	19.74	72.20	124.00	51.80	Peak
13.605	27.12	19.74	46.86	90.47	43.61	Peak
13.688	22.87	19.74	42.61	90.47	47.86	Peak
13.769	22.39	19.75	42.14	80.51	38.37	Peak

Tested with NFC card

Parallel

Project No.: 2607P41361E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/42%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



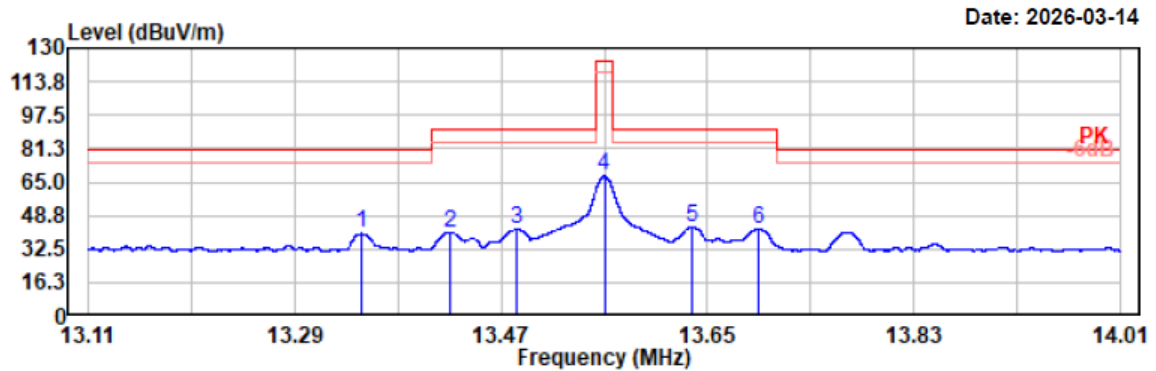
Condition: PK RBW:10kHz VBW:30kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
13.349	24.16	19.74	43.90	80.51	36.61	Peak
13.413	24.62	19.74	44.36	90.47	46.11	Peak
13.496	26.60	19.74	46.34	90.47	44.13	Peak
13.560	48.31	19.74	68.05	124.00	55.95	Peak
13.707	25.80	19.74	45.54	90.47	44.93	Peak
13.772	25.58	19.75	45.33	80.51	35.18	Peak

Perpendicular

Project No.: 2607P41361E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/42%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



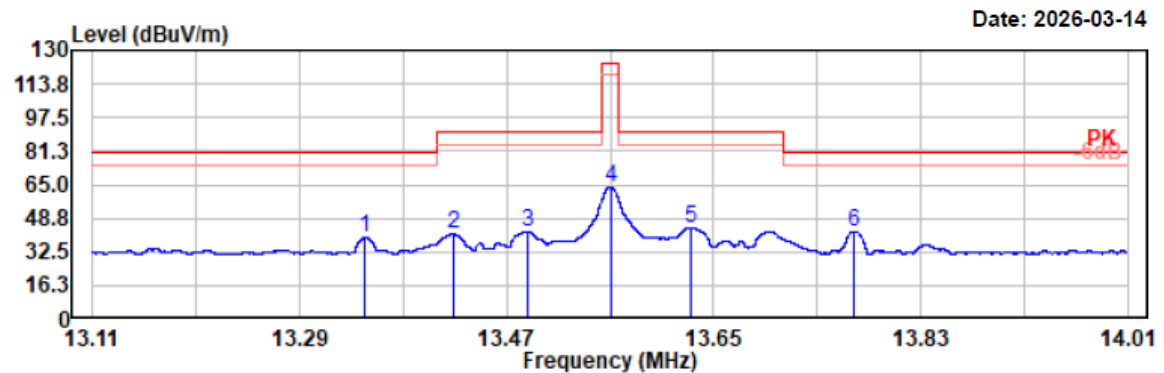
Condition: PK RBW:10kHz VBW:30kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
13.348	20.16	19.74	39.90	80.51	40.61	Peak
13.425	20.97	19.74	40.71	90.47	49.76	Peak
13.484	22.17	19.74	41.91	90.47	48.56	Peak
13.560	48.02	19.74	67.76	124.00	56.24	Peak
13.637	23.41	19.74	43.15	90.47	47.32	Peak
13.695	22.38	19.74	42.12	90.47	48.35	Peak

Ground-parallel

Project No.: 2607P41361E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/42%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



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

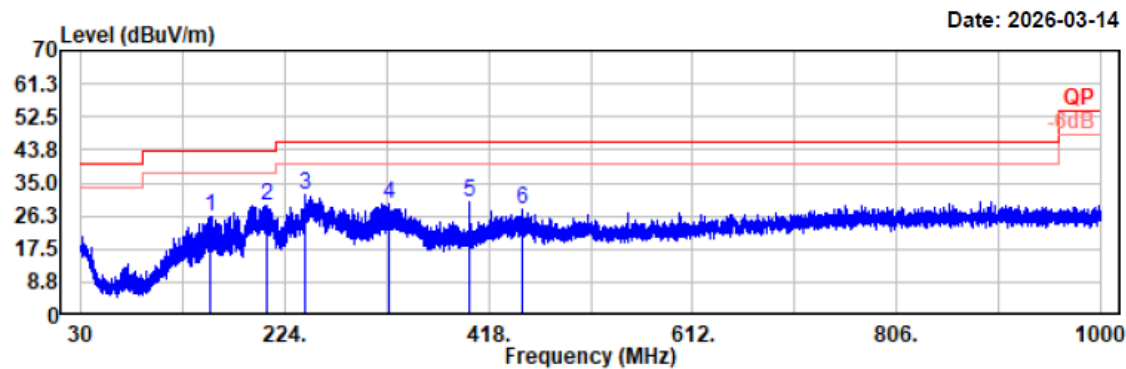
Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
13.347	19.87	19.74	39.61	80.51	40.90	Peak
13.424	21.27	19.74	41.01	90.47	49.46	Peak
13.488	22.32	19.74	42.06	90.47	48.41	Peak
13.560	44.21	19.74	63.95	124.00	60.05	Peak
13.630	24.30	19.74	44.04	90.47	46.43	Peak
13.772	22.81	19.75	42.56	80.51	37.95	Peak

4) 30MHz-1GHz

Tested without NFC card

Project No.: 2607P41361E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/42%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

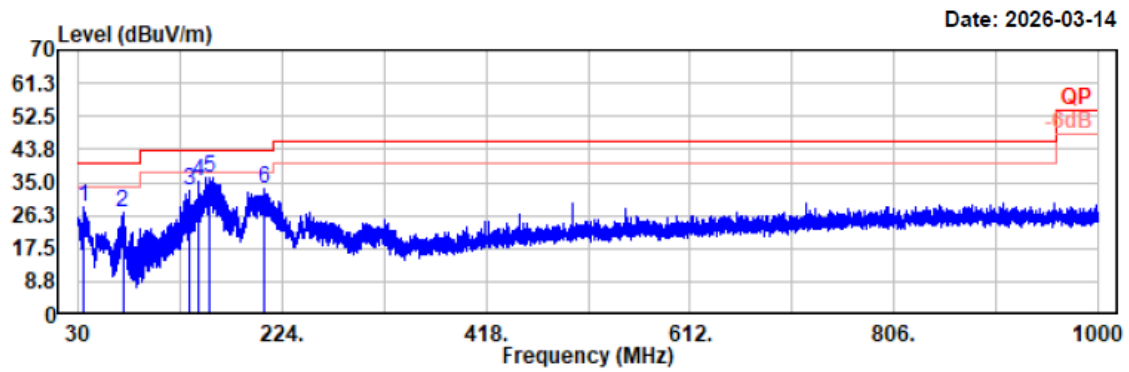


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
153.48	37.20	-11.27	25.93	43.50	17.57	Horizontal	Peak
206.73	41.21	-12.26	28.95	43.50	14.55	Horizontal	Peak
243.59	43.43	-11.53	31.90	46.00	14.10	Horizontal	Peak
322.55	38.02	-8.70	29.32	46.00	16.68	Horizontal	Peak
399.96	36.09	-6.39	29.70	46.00	16.30	Horizontal	Peak
450.01	33.02	-4.93	28.09	46.00	17.91	Horizontal	Peak

Project No.: 2607P41361E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/42%/100.1kPa
Tested by: Wliff Wu
Power Source: AC 120V/60Hz



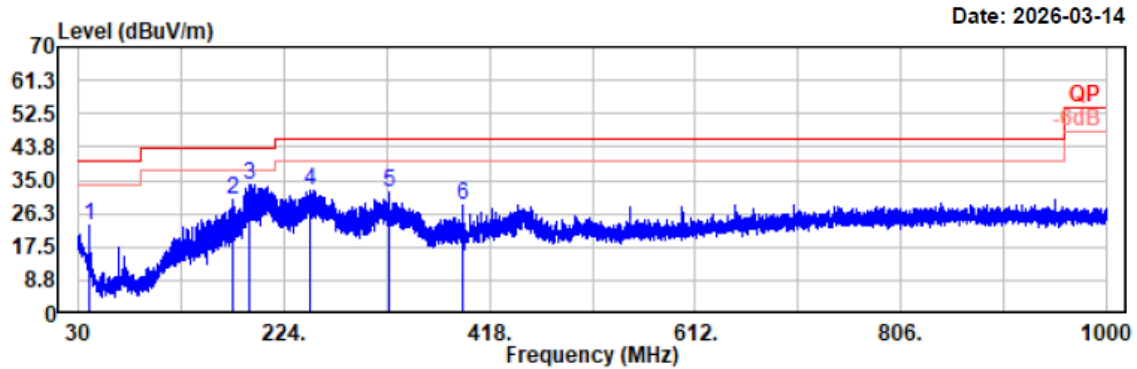
Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
34.75	36.22	-7.91	28.31	40.00	11.69	Vertical	Peak
72.29	43.84	-17.03	26.81	40.00	13.19	Vertical	Peak
135.83	43.26	-10.33	32.93	43.50	10.57	Vertical	Peak
144.65	46.18	-10.97	35.21	43.50	8.29	Vertical	Peak
154.84	47.77	-11.38	36.39	43.50	7.11	Vertical	Peak
206.73	45.46	-12.26	33.20	43.50	10.30	Vertical	Peak

Tested with NFC card

Project No.: 2607P41361E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/42%/100.1kPa
Tested by: Wliff Wu
Power Source: AC 120V/60Hz

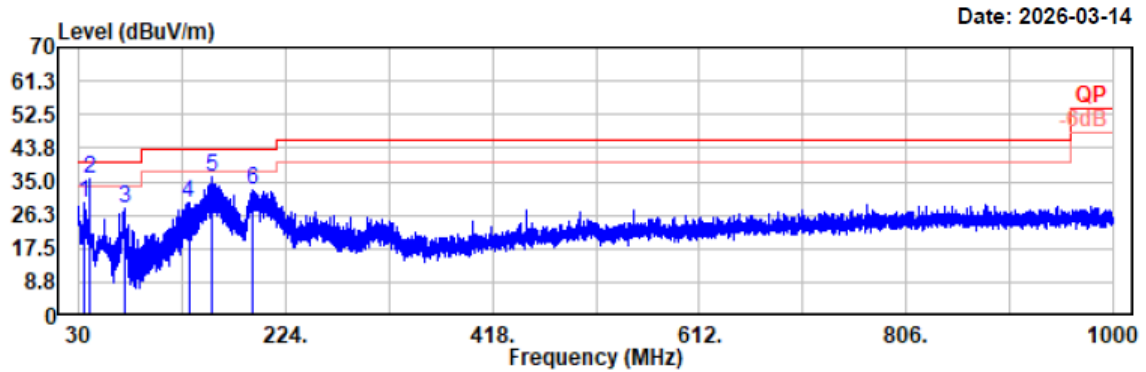


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
40.67	35.31	-12.12	23.19	40.00	16.81	Horizontal	Peak
176.28	42.07	-12.13	29.94	43.50	13.56	Horizontal	Peak
190.63	46.01	-12.22	33.79	43.50	9.71	Horizontal	Peak
248.44	43.81	-11.42	32.39	46.00	13.61	Horizontal	Peak
323.52	40.65	-8.68	31.97	46.00	14.03	Horizontal	Peak
393.27	35.19	-6.63	28.56	46.00	17.44	Horizontal	Peak

Project No.: 2607P41361E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/42%/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
35.34	37.80	-8.27	29.53	40.00	10.47	Vertical	Peak
40.67	47.89	-12.12	35.77	40.00	4.23	Vertical	QP
73.65	45.17	-17.14	28.03	40.00	11.97	Vertical	Peak
133.01	39.64	-10.26	29.38	43.50	14.12	Vertical	Peak
155.13	47.49	-11.40	36.09	43.50	7.41	Vertical	Peak
192.18	44.76	-12.17	32.59	43.50	10.91	Vertical	Peak

For Configuration 3# (Basic version)

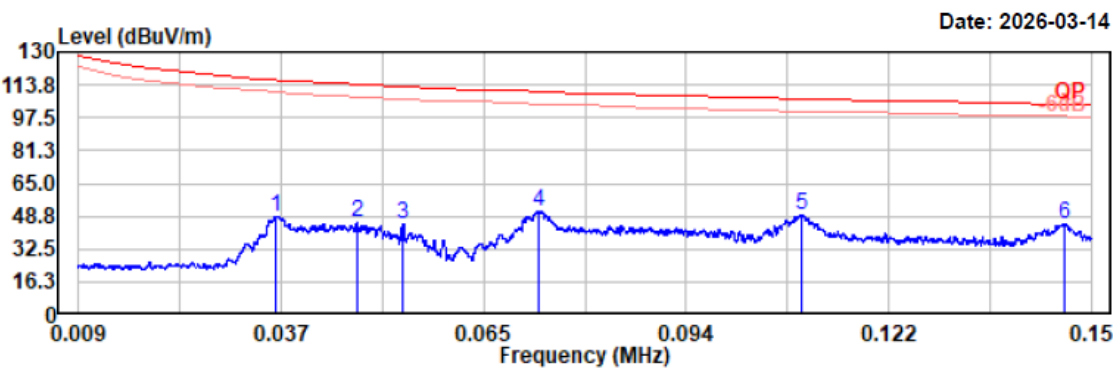
1) 9 kHz~150 kHz:

Tested without NFC card

Parallel

Project No.: 2607P41361E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/42%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



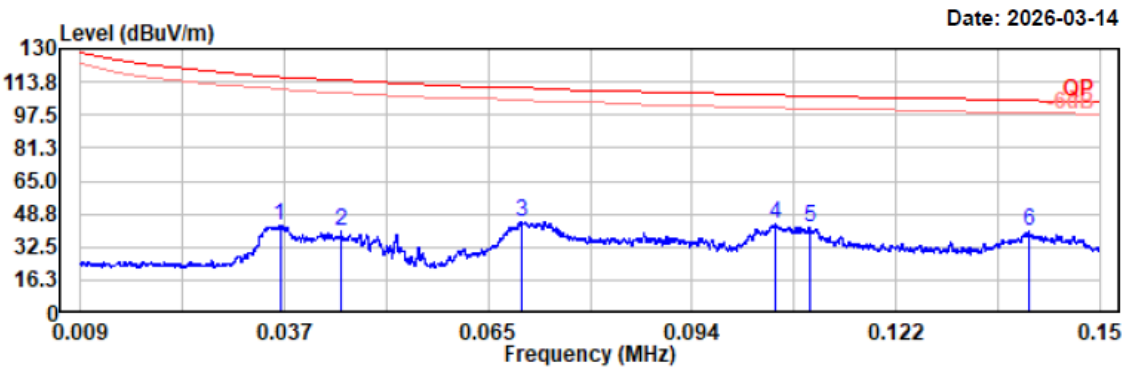
Condition: PK RBW:300Hz VBW:1kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
0.037	28.87	19.91	48.78	116.37	67.59	Peak
0.048	25.60	19.91	45.51	114.03	68.52	Peak
0.054	24.76	19.91	44.67	112.93	68.26	Peak
0.073	31.46	19.78	51.24	110.32	59.08	Peak
0.110	29.90	19.73	49.63	106.80	57.17	Peak
0.146	25.54	19.73	45.27	104.30	59.03	Peak

Perpendicular

Project No.: 2607P41361E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/42%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



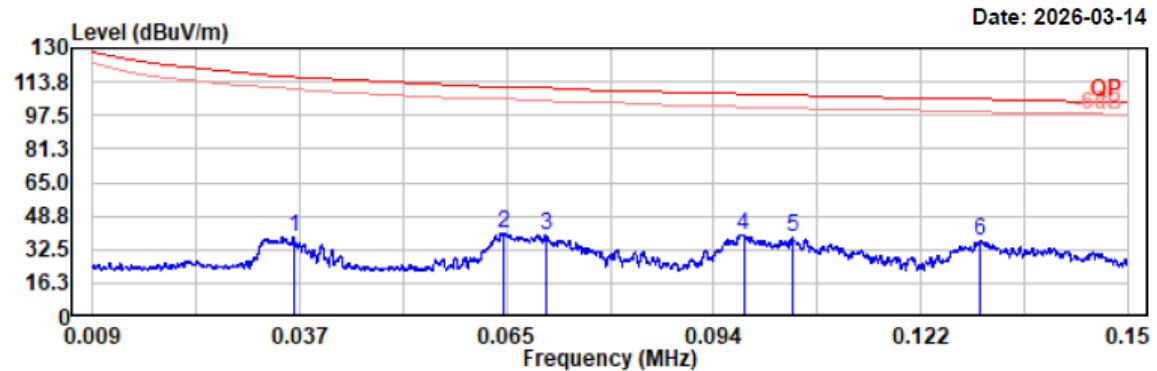
Condition: PK RBW:300Hz VBW:1kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
0.037	22.98	19.91	42.89	116.36	73.47	Peak
0.045	20.00	19.91	39.91	114.54	74.63	Peak
0.070	25.21	19.81	45.02	110.70	65.68	Peak
0.105	23.92	19.73	43.65	107.17	63.52	Peak
0.110	22.83	19.73	42.56	106.79	64.23	Peak
0.140	20.27	19.73	40.00	104.67	64.67	Peak

Ground-parallel

Project No.: 2607P41361E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/42%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



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

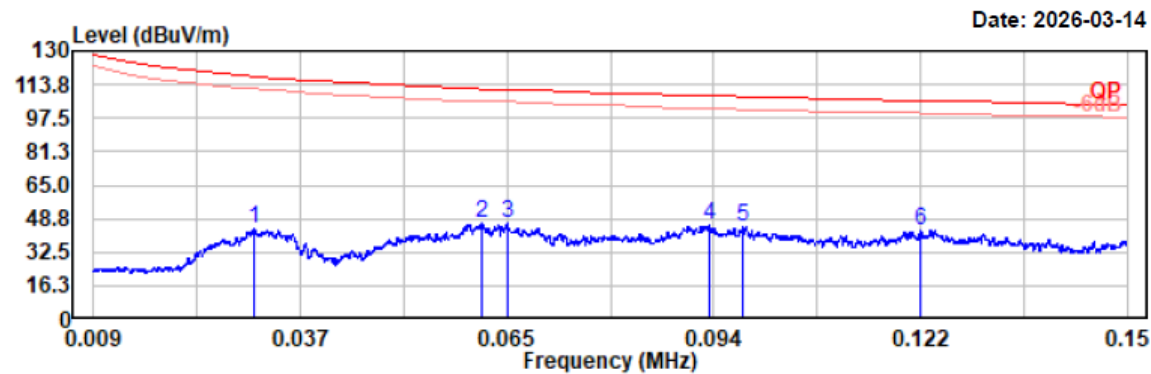
Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
0.036	18.69	19.91	38.60	116.40	77.80	Peak
0.065	20.91	19.86	40.77	111.36	70.59	Peak
0.071	19.63	19.80	39.43	110.62	71.19	Peak
0.098	19.98	19.75	39.73	107.81	68.08	Peak
0.104	18.62	19.73	38.35	107.24	68.89	Peak
0.130	17.08	19.73	36.81	105.34	68.53	Peak

Tested with NFC card

Parallel

Project No.: 2607P41361E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/42%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



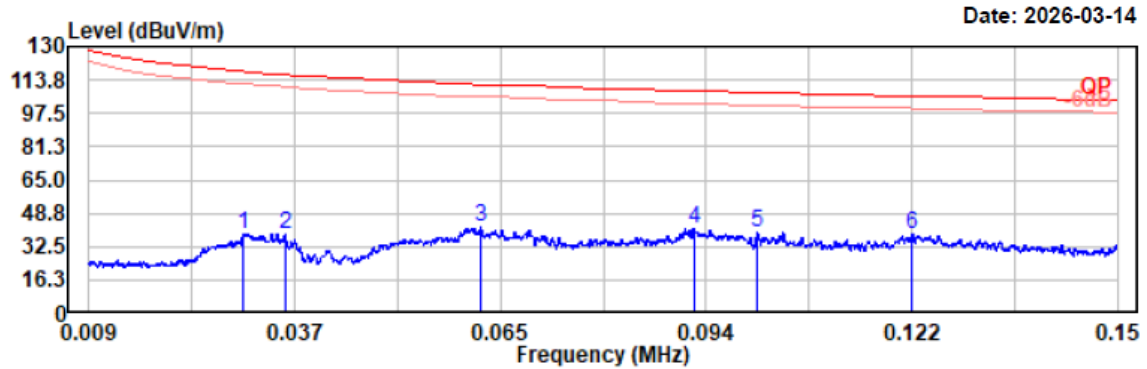
Condition: PK RBW:300Hz VBW:1kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
0.031	23.64	19.91	43.55	117.81	74.26	Peak
0.062	26.63	19.89	46.52	111.76	65.24	Peak
0.065	26.82	19.86	46.68	111.29	64.61	Peak
0.093	25.53	19.79	45.32	108.24	62.92	Peak
0.098	25.15	19.75	44.90	107.82	62.92	Peak
0.122	23.46	19.73	43.19	105.89	62.70	Peak

Perpendicular

Project No.: 2607P41361E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/42%/100.1kPa
Tested by: Wliff 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
0.030	18.45	19.91	38.36	118.02	79.66	Peak
0.036	18.91	19.91	38.82	116.52	77.70	Peak
0.063	22.01	19.88	41.89	111.66	69.77	Peak
0.092	21.45	19.79	41.24	108.34	67.10	Peak
0.101	19.39	19.73	39.12	107.55	68.43	Peak
0.122	18.76	19.73	38.49	105.89	67.40	Peak

Ground-parallel

Project No.: 2607P41361E-RF

Test Mode: NFC transmitting

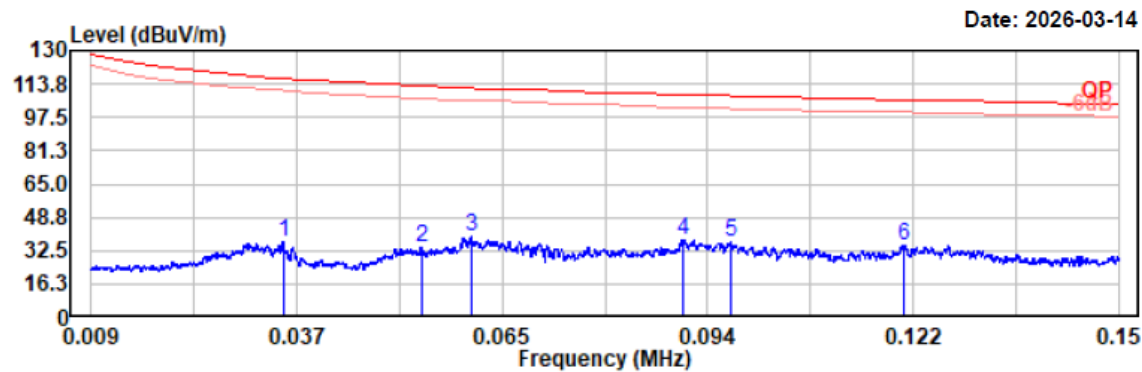
EUT Model: AXIUM DX8

Test distance: 3m

Temp/Humi/ATM: 22.1°C/42%/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
0.035	16.82	19.91	36.73	116.65	79.92	Peak
0.054	14.43	19.91	34.34	112.91	78.57	Peak
0.061	19.14	19.90	39.04	111.89	72.85	Peak
0.090	17.93	19.81	37.74	108.51	70.77	Peak
0.097	16.60	19.75	36.35	107.90	71.55	Peak
0.121	15.31	19.73	35.04	105.98	70.94	Peak

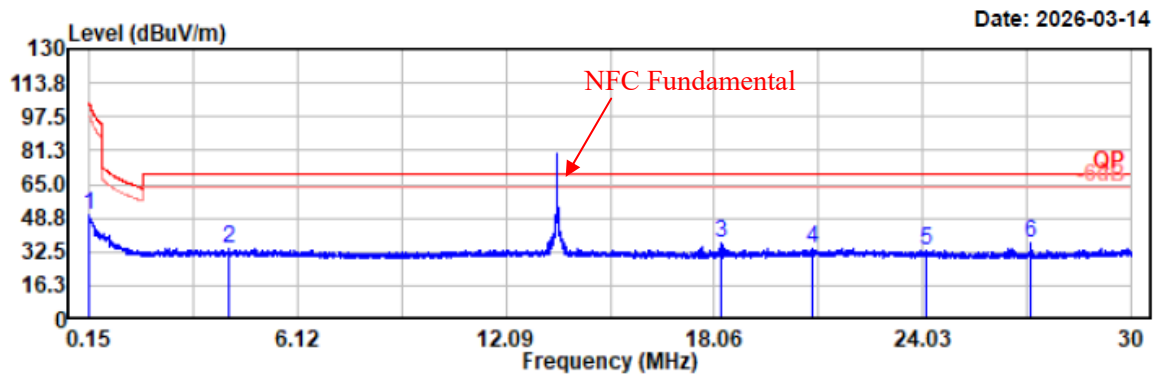
2) 150kHz-30MHz

Tested without NFC card

Parallel

Project No.: 2607P41361E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/42%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



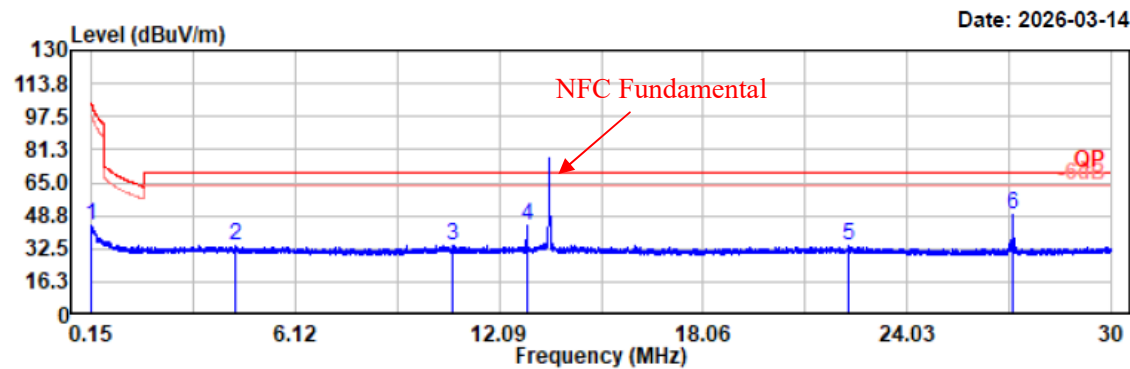
Condition: PK RBW:10kHz VBW:30kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
0.156	30.26	19.72	49.98	103.74	53.76	Peak
4.138	14.22	19.75	33.97	69.54	35.57	Peak
18.245	16.94	19.97	36.91	69.54	32.63	Peak
20.878	14.08	20.12	34.20	69.54	35.34	Peak
24.117	13.13	20.19	33.32	69.54	36.22	Peak
27.119	16.33	20.11	36.44	69.54	33.10	Peak

Perpendicular

Project No.: 2607P41361E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/42%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



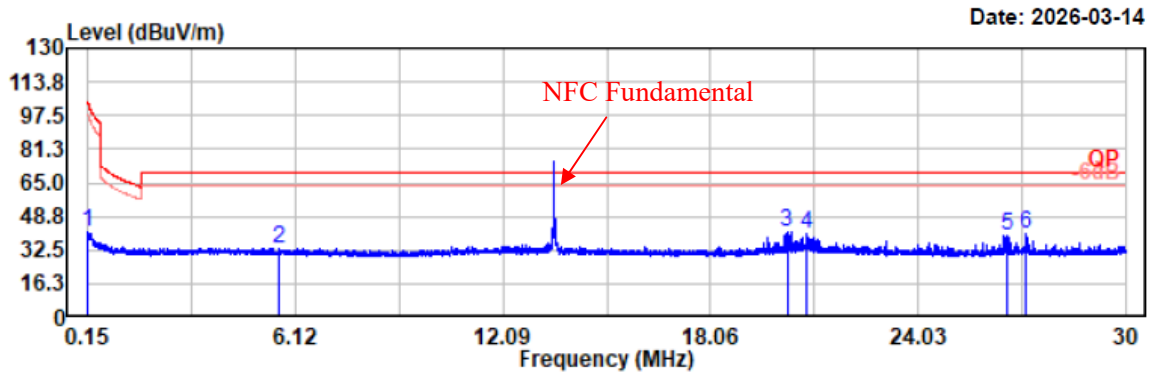
Condition: PK RBW:10kHz VBW:30kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
0.150	23.88	19.72	43.60	104.08	60.48	Peak
4.350	13.94	19.73	33.67	69.54	35.87	Peak
10.735	14.36	19.71	34.07	69.54	35.47	Peak
12.926	23.81	19.74	43.55	69.54	25.99	Peak
22.320	13.88	20.15	34.03	69.54	35.51	Peak
27.122	28.94	20.11	49.05	69.54	20.49	Peak

Ground-parallel

Project No.: 2607P41361E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/42%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



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

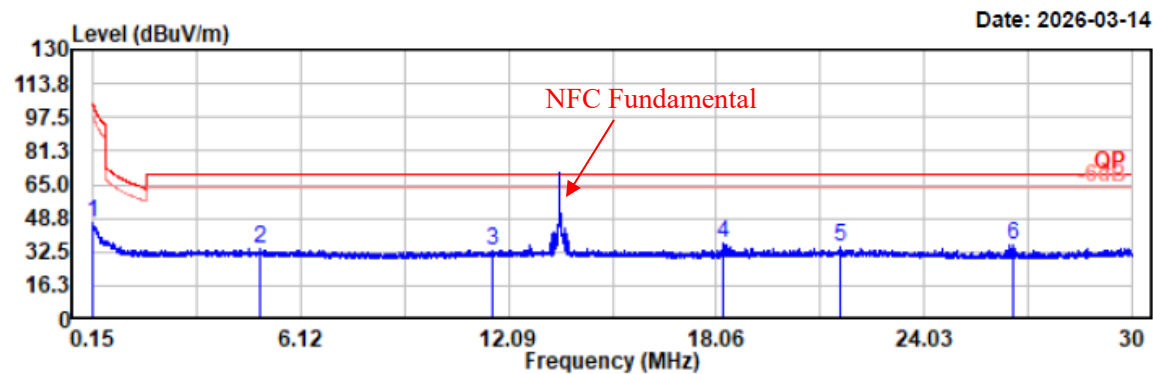
Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
0.162	21.47	19.72	41.19	103.42	62.23	Peak
5.657	13.72	19.77	33.49	69.54	36.05	Peak
20.260	21.02	20.10	41.12	69.54	28.42	Peak
20.809	20.42	20.11	40.53	69.54	29.01	Peak
26.612	19.57	20.14	39.71	69.54	29.83	Peak
27.122	20.36	20.11	40.47	69.54	29.07	Peak

Tested with NFC card

Parallel

Project No.: 2607P41361E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/42%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



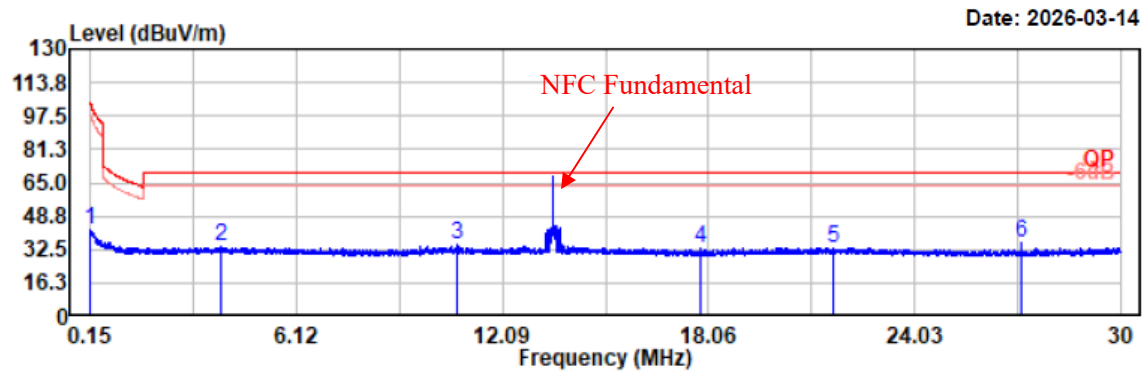
Condition: PK RBW:10kHz VBW:30kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
0.150	26.61	19.72	46.33	104.08	57.75	Peak
4.932	14.32	19.68	34.00	69.54	35.54	Peak
11.606	13.69	19.72	33.41	69.54	36.13	Peak
18.245	16.90	19.97	36.87	69.54	32.67	Peak
21.624	14.60	20.13	34.73	69.54	34.81	Peak
26.612	15.49	20.14	35.63	69.54	33.91	Peak

Perpendicular

Project No.: 2607P41361E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/42%/100.1kPa
Tested by: Wliff Wu
Power Source: AC 120V/60Hz



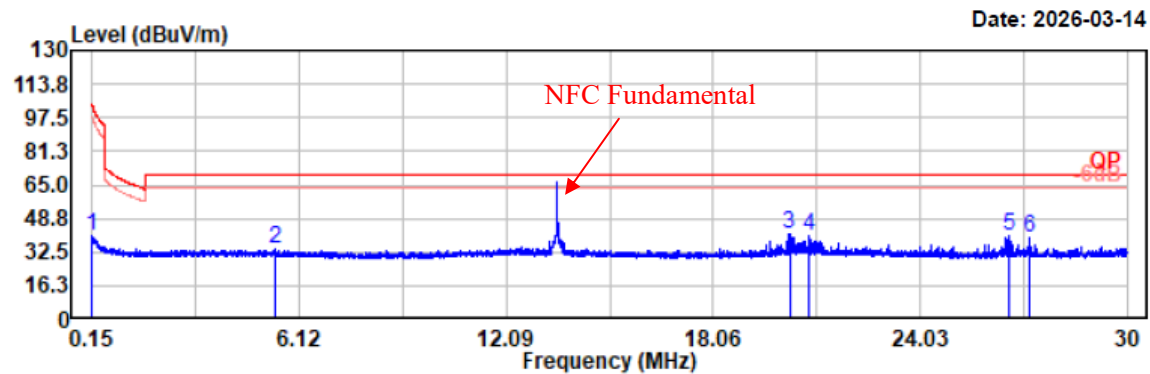
Condition: PK RBW:10kHz VBW:30kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
0.153	22.37	19.72	42.09	103.91	61.82	Peak
3.959	13.93	19.76	33.69	69.54	35.85	Peak
10.792	14.98	19.71	34.69	69.54	34.85	Peak
17.842	12.97	19.95	32.92	69.54	36.62	Peak
21.651	13.40	20.13	33.53	69.54	36.01	Peak
27.122	15.53	20.11	35.64	69.54	33.90	Peak

Ground-parallel

Project No.: 2607P41361E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/42%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



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

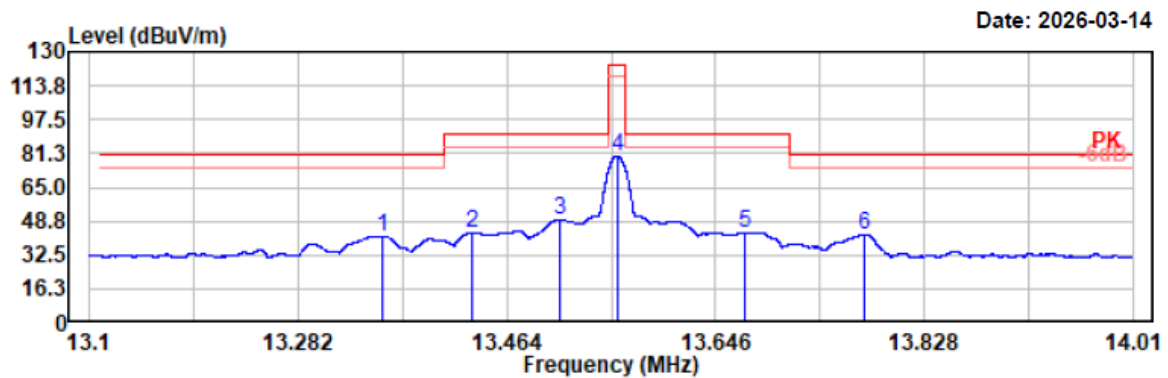
Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
0.150	20.34	19.72	40.06	104.08	64.02	Peak
5.413	14.07	19.73	33.80	69.54	35.74	Peak
20.260	21.22	20.10	41.32	69.54	28.22	Peak
20.809	20.62	20.11	40.73	69.54	28.81	Peak
26.612	19.84	20.14	39.98	69.54	29.56	Peak
27.161	19.18	20.11	39.29	69.54	30.25	Peak

3) 13.11MHz-14.01MHz:**Tested without NFC card**

Parallel

Project No.: 2607P41361E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/42%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



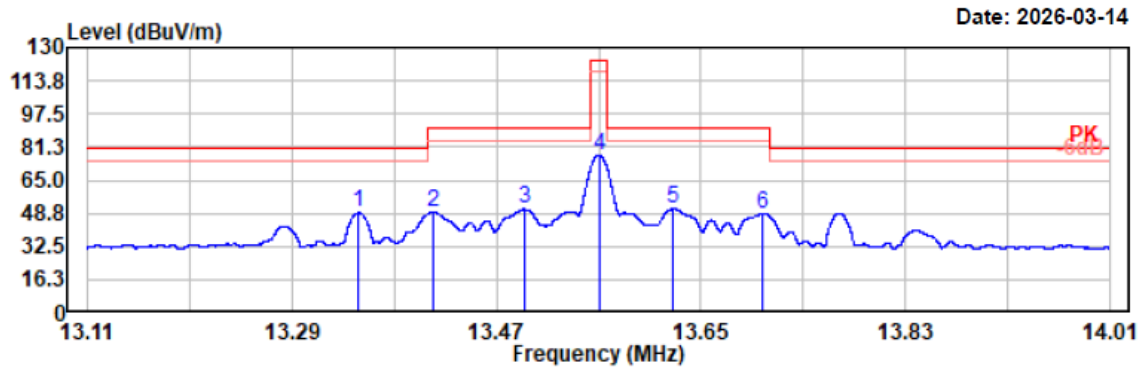
Condition: PK RBW:10kHz VBW:30kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
13.356	21.79	19.74	41.53	80.51	38.98	Peak
13.433	23.73	19.74	43.47	90.47	47.00	Peak
13.510	29.60	19.74	49.34	90.47	41.13	Peak
13.560	60.29	19.74	80.03	124.00	43.97	Peak
13.671	23.36	19.74	43.10	90.47	47.37	Peak
13.776	22.61	19.75	42.36	80.51	38.15	Peak

Perpendicular

Project No.: 2607P41361E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/42%/100.1kPa
Tested by: Wliff Wu
Power Source: AC 120V/60Hz



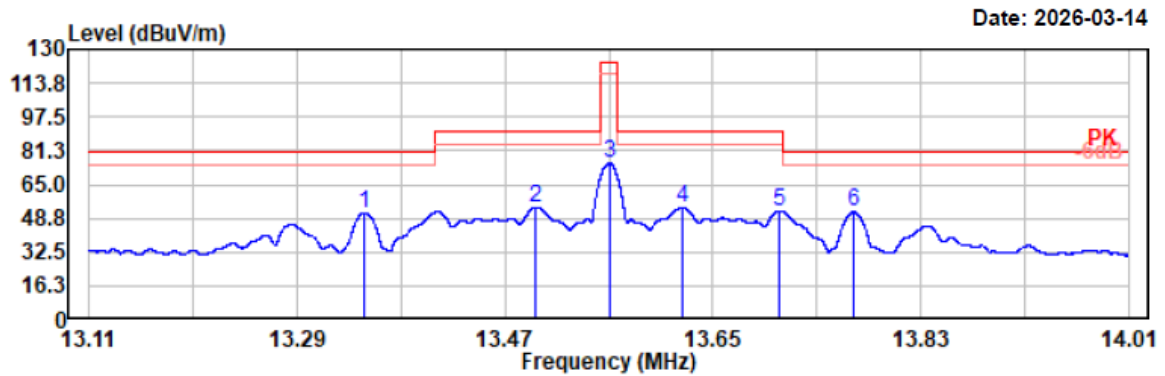
Condition: PK RBW:10kHz VBW:30kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
13.349	29.18	19.74	48.92	80.51	31.59	Peak
13.414	29.37	19.74	49.11	90.47	41.36	Peak
13.494	30.98	19.74	50.72	90.47	39.75	Peak
13.560	57.58	19.74	77.32	124.00	46.68	Peak
13.626	31.28	19.74	51.02	90.47	39.45	Peak
13.705	28.75	19.74	48.49	90.47	41.98	Peak

Ground-parallel

Project No.: 2607P41361E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/42%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



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

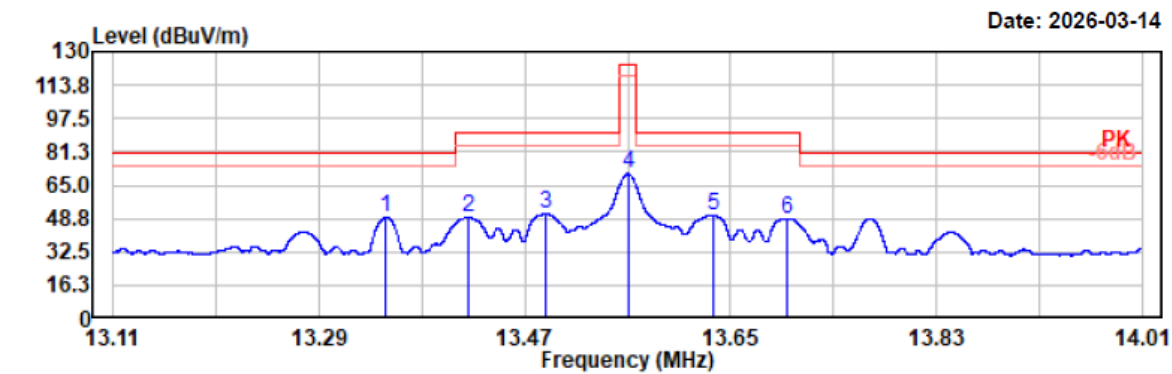
Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
13.349	31.78	19.74	51.52	80.51	28.99	Peak
13.497	34.20	19.74	53.94	90.47	36.53	Peak
13.560	55.40	19.74	75.14	124.00	48.86	Peak
13.624	34.20	19.74	53.94	90.47	36.53	Peak
13.708	32.67	19.74	52.41	90.47	38.06	Peak
13.772	31.88	19.75	51.63	80.51	28.88	Peak

Tested with NFC card

Parallel

Project No.: 2607P41361E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/42%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



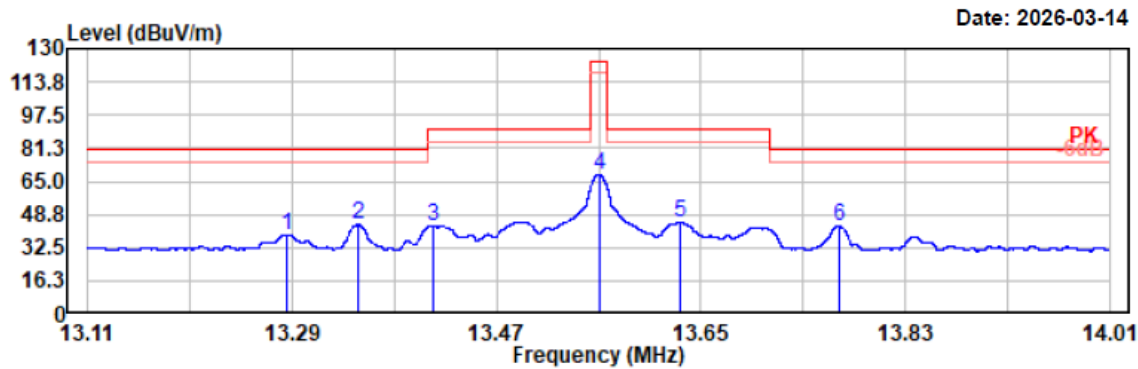
Condition: PK RBW:10kHz VBW:30kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
13.349	29.46	19.74	49.20	80.51	31.31	Peak
13.420	29.42	19.74	49.16	90.47	41.31	Peak
13.488	31.10	19.74	50.84	90.47	39.63	Peak
13.560	50.84	19.74	70.58	124.00	53.42	Peak
13.634	30.41	19.74	50.15	90.47	40.32	Peak
13.700	29.00	19.74	48.74	90.47	41.73	Peak

Perpendicular

Project No.: 2607P41361E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/42%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



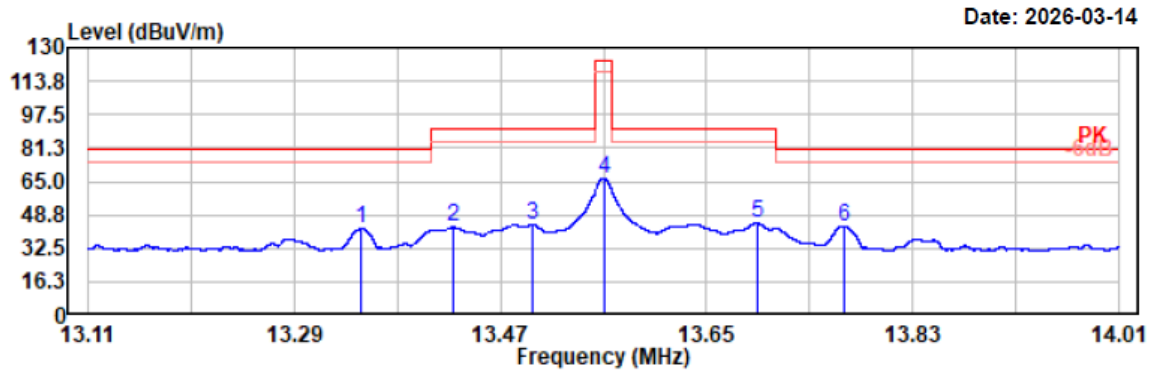
Condition: PK RBW:10kHz VBW:30kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
13.286	19.19	19.74	38.93	80.51	41.58	Peak
13.348	23.87	19.74	43.61	80.51	36.90	Peak
13.414	23.45	19.74	43.19	90.47	47.28	Peak
13.560	48.72	19.74	68.46	124.00	55.54	Peak
13.632	25.08	19.74	44.82	90.47	45.65	Peak
13.772	23.24	19.75	42.99	80.51	37.52	Peak

Ground-parallel

Project No.: 2607P41361E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/42%/100.1kPa
Tested by: Wliff Wu
Power Source: AC 120V/60Hz



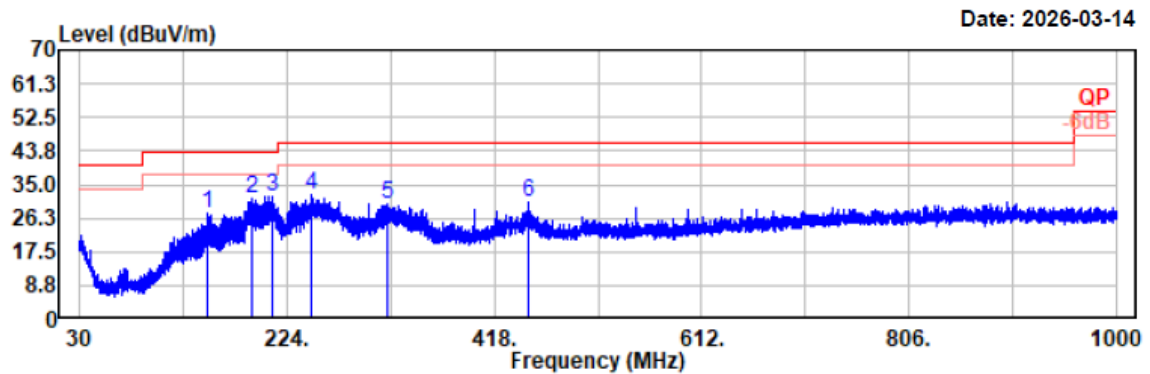
Condition: PK RBW:10kHz VBW:30kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
13.349	22.23	19.74	41.97	80.51	38.54	Peak
13.429	22.92	19.74	42.66	90.47	47.81	Peak
13.498	24.11	19.74	43.85	90.47	46.62	Peak
13.560	46.84	19.74	66.58	124.00	57.42	Peak
13.694	24.83	19.74	44.57	90.47	45.90	Peak
13.770	23.46	19.75	43.21	80.51	37.30	Peak

4) 30MHz-1GHz**Tested without NFC card**

Project No.: 2607P41361E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/42%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

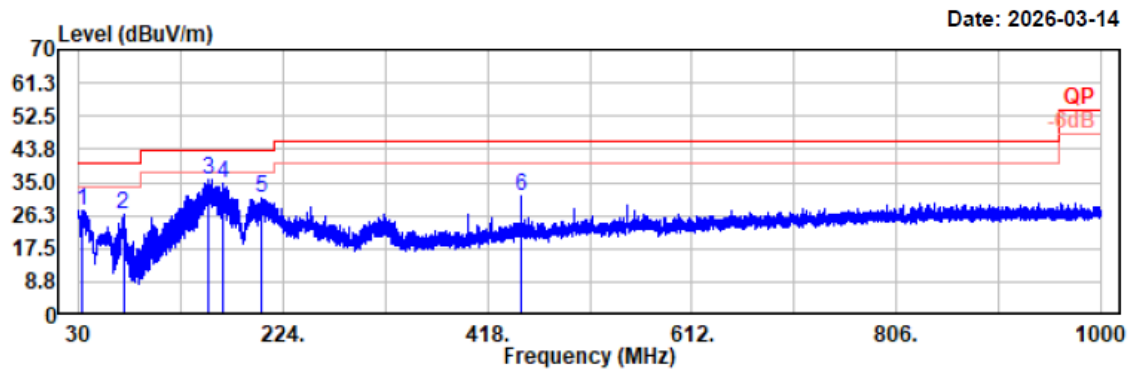


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
150.18	38.74	-11.21	27.53	43.50	15.97	Horizontal	Peak
190.44	43.42	-12.24	31.18	43.50	12.32	Horizontal	Peak
209.64	44.64	-12.59	32.05	43.50	11.45	Horizontal	Peak
246.50	43.82	-11.44	32.38	46.00	13.62	Horizontal	Peak
317.61	38.77	-8.83	29.94	46.00	16.06	Horizontal	Peak
450.01	35.57	-4.93	30.64	46.00	15.36	Horizontal	Peak

Project No.: 2607P41361E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/42%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



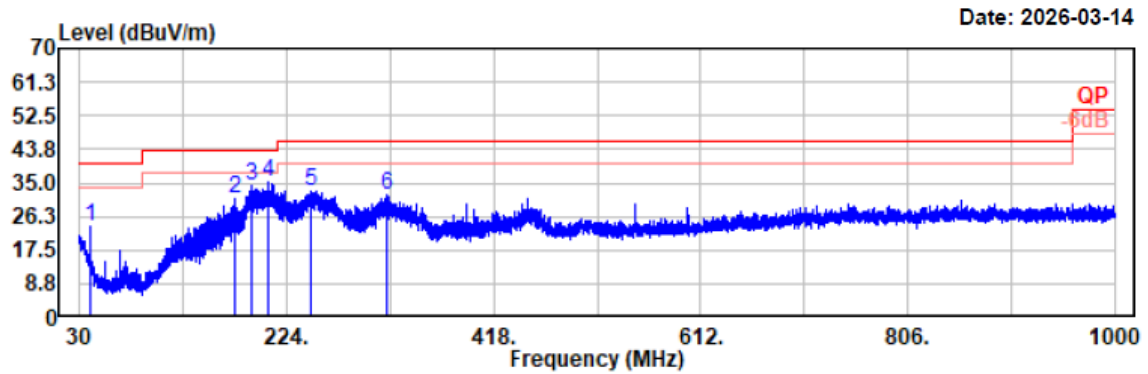
Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
33.98	34.94	-7.49	27.45	40.00	12.55	Vertical	Peak
72.29	43.52	-17.03	26.49	40.00	13.51	Vertical	Peak
153.68	47.17	-11.25	35.92	43.50	7.58	Vertical	Peak
166.87	46.67	-11.77	34.90	43.50	8.60	Vertical	Peak
203.82	42.99	-11.99	31.00	43.50	12.50	Vertical	Peak
450.01	36.34	-4.93	31.41	46.00	14.59	Vertical	Peak

Tested with NFC card

Project No.: 2607P41361E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/42%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

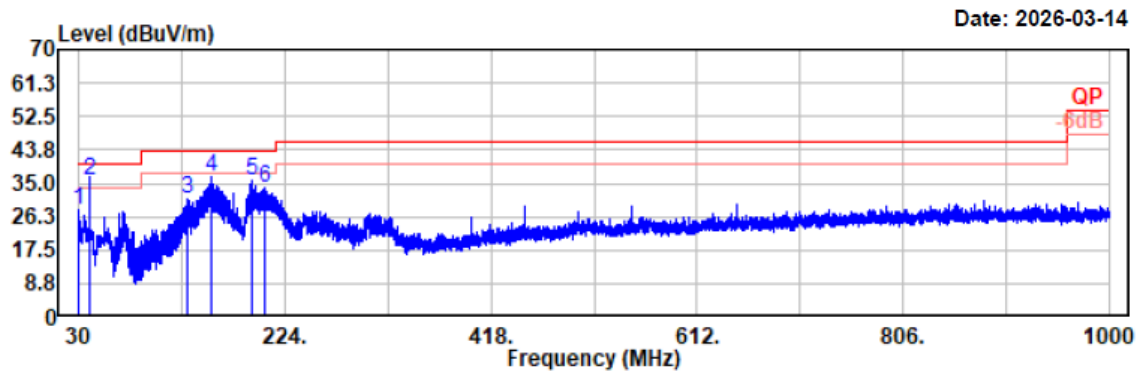


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
40.67	35.65	-12.12	23.53	40.00	16.47	Horizontal	Peak
176.28	43.20	-12.13	31.07	43.50	12.43	Horizontal	Peak
191.99	46.47	-12.17	34.30	43.50	9.20	Horizontal	Peak
206.83	47.41	-12.27	35.14	43.50	8.36	Horizontal	Peak
246.80	44.34	-11.43	32.91	46.00	13.09	Horizontal	Peak
318.67	40.48	-8.80	31.68	46.00	14.32	Horizontal	Peak

Project No.: 2607P41361E-RF
Test Mode: NFC transmitting
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/42%/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
30.00	33.63	-5.60	28.03	40.00	11.97	Vertical	Peak
40.67	47.85	-12.12	35.73	40.00	4.27	Vertical	QP
131.56	40.89	-10.13	30.76	43.50	12.74	Vertical	Peak
155.13	48.07	-11.40	36.67	43.50	6.83	Vertical	Peak
193.54	47.64	-12.12	35.52	43.50	7.98	Vertical	Peak
205.38	45.86	-12.12	33.74	43.50	9.76	Vertical	Peak

FCC§15.225(e) - FREQUENCY STABILITY

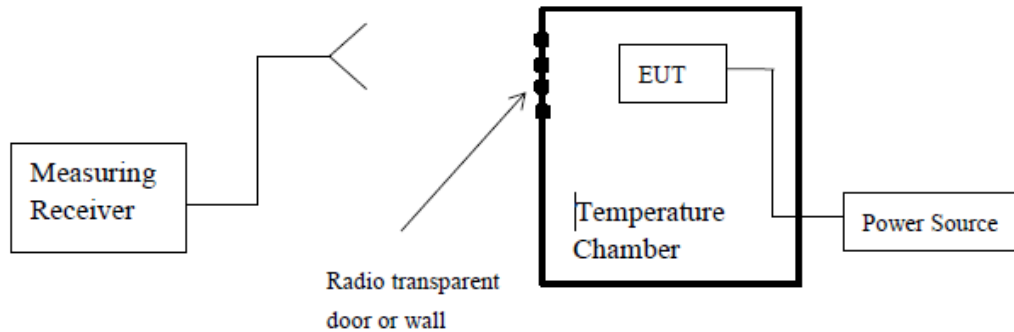
Applicable Standard

FCC§15.225(e)

The frequency tolerance of the carrier signal shall be maintained within $\pm 0.01\%$ of the operating frequency over a temperature variation of -20 degrees to $+50$ degrees C at normal supply voltage, and for a variation in the primary supply voltage from 85% to 115% of the rated supply voltage at a temperature of 20 degrees C. For battery operated equipment, the equipment tests shall be performed using a new battery.

Test Procedure

- a) Supply the EUT with a nominal ac voltage or install a new or fully charged battery in the EUT. If possible, a dummy load shall be connected to the EUT because an antenna near the metallic walls of an environmental test chamber could affect the output frequency of the EUT. If the EUT is equipped with a permanently attached, adjustable-length antenna, then the EUT shall be placed in the center of the chamber with the antenna adjusted to the shortest length possible. Turn ON the EUT and tune it to one of the number of frequencies shown in 5.6.
- b) Couple the unlicensed wireless device output to the measuring instrument by connecting an antenna to the measuring instrument with a suitable length of coaxial cable and placing the measuring antenna near the EUT (e.g., 15 cm away), or by connecting a dummy load to the measuring instrument, through an attenuator if necessary. NOTE—An instrument that has an adequate level of accuracy as specified by the procuring or regulatory agency is the recommended measuring instrument.
- c) Adjust the location of the measurement antenna and the controls on the measurement instrument to obtain a suitable signal level (i.e., a level that will not overload the measurement instrument but is strong enough to allow measurement of the operating or fundamental frequency of the EUT).
- d) Turn the EUT OFF and place it inside the environmental temperature chamber. For devices that have oscillator heaters, energize only the heater circuit.
- e) Set the temperature control on the chamber to the highest specified in the regulatory requirements for the type of device and allow the oscillator heater and the chamber temperature to stabilize.
- f) While maintaining a constant temperature inside the environmental chamber, turn the EUT ON and record the operating frequency at startup, and at 2 minutes, 5 minutes, and 10 minutes after the EUT is energized. Four measurements in total are made.
- g) Measure the frequency at each of frequencies specified in 5.6.
- h) Switch OFF the EUT but do not switch OFF the oscillator heater.
- i) Lower the chamber temperature by not more than 10°C , and allow the temperature inside the chamber to stabilize.
- j) Repeat step f) through step i) down to the lowest specified temperature.

EUT Setup**Test Data**

Test Mode:	Transmitting	Test Engineer:	Wlif Wu
Test Date:	2026-03-13~2026-03-14	Environment:	Temp.: 20.1°C~22.1°C Humi.: 42%~45% Atm: 100.1kPa

Test Result: Compliant*For Configuration 1# (Scanner version)**Tested without NFC card:*

$F_0=13.56\text{MHz}$				
Power Supply(V_{DC})	Temperature ($^{\circ}\text{C}$)	Measured Frequency (MHz)	Frequency Error (%)	Limit
7.2	-20	13.559679	-0.002367	$\pm 0.01\%$
	-10	13.559967	-0.000243	$\pm 0.01\%$
	0	13.560093	0.000686	$\pm 0.01\%$
	10	13.559986	-0.000103	$\pm 0.01\%$
	20	13.560185	0.001364	$\pm 0.01\%$
	30	13.560499	0.003680	$\pm 0.01\%$
	40	13.560480	0.003540	$\pm 0.01\%$
	50	13.560463	0.003414	$\pm 0.01\%$
6.4	20	13.559747	-0.001866	$\pm 0.01\%$
8.4	20	13.560306	0.002257	$\pm 0.01\%$

Tested with NFC card:

$F_0=13.56\text{MHz}$				
Power Supply(V_{DC})	Temperature ($^{\circ}\text{C}$)	Measured Frequency (MHz)	Frequency Error (%)	Limit
7.2	-20	13.559653	-0.002559	$\pm 0.01\%$
	-10	13.559740	-0.001917	$\pm 0.01\%$
	0	13.559978	-0.000162	$\pm 0.01\%$
	10	13.559879	-0.000892	$\pm 0.01\%$
	20	13.560217	0.001600	$\pm 0.01\%$
	30	13.560498	0.003673	$\pm 0.01\%$
	40	13.560348	0.002566	$\pm 0.01\%$
	50	13.560424	0.003127	$\pm 0.01\%$
6.4	20	13.560207	0.001527	$\pm 0.01\%$
8.4	20	13.560472	0.003481	$\pm 0.01\%$

For Configuration 2# (2nd display version)

Tested without NFC card

$F_0=13.56\text{MHz}$				
Power Supply(V_{DC})	Temperature ($^{\circ}\text{C}$)	Measured Frequency (MHz)	Frequency Error (%)	Limit
7.2	-20	13.559664	-0.002478	$\pm 0.01\%$
	-10	13.560058	0.000428	$\pm 0.01\%$
	0	13.560012	0.000088	$\pm 0.01\%$
	10	13.560001	0.000007	$\pm 0.01\%$
	20	13.560116	0.000855	$\pm 0.01\%$
	30	13.560438	0.003230	$\pm 0.01\%$
	40	13.560366	0.002699	$\pm 0.01\%$
	50	13.560290	0.002139	$\pm 0.01\%$
6.4	20	13.560016	0.000118	$\pm 0.01\%$
8.4	20	13.560385	0.002839	$\pm 0.01\%$

Tested with NFC card

F₀=13.56MHz				
Power Supply(V_{DC})	Temperature (°C)	Measured Frequency (MHz)	Frequency Error (%)	Limit
7.2	-20	13.559631	-0.002721	±0.01%
	-10	13.559777	-0.001645	±0.01%
	0	13.559791	-0.001541	±0.01%
	10	13.559873	-0.000937	±0.01%
	20	13.560116	0.000855	±0.01%
	30	13.560270	0.001991	±0.01%
	40	13.560613	0.004521	±0.01%
	50	13.560432	0.003186	±0.01%
6.4	20	13.559683	-0.002338	±0.01%
8.4	20	13.560573	0.004226	±0.01%

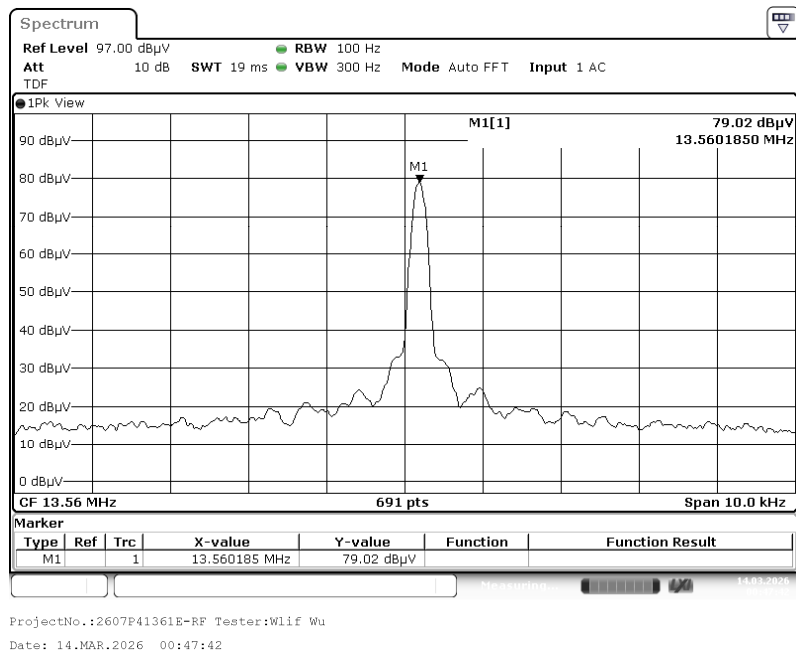
For Configuration 3# (Basic version)**Tested without NFC card**

F₀=13.56MHz				
Power Supply(V_{DC})	Temperature (°C)	Measured Frequency (MHz)	Frequency Error (%)	Limit
7.2	-20	13.559705	-0.002176	±0.01%
	-10	13.559712	-0.002124	±0.01%
	0	13.559764	-0.001740	±0.01%
	10	13.559846	-0.001136	±0.01%
	20	13.560188	0.001386	±0.01%
	30	13.560325	0.002397	±0.01%
	40	13.560356	0.002625	±0.01%
	50	13.560418	0.003083	±0.01%
6.4	20	13.559869	-0.000966	±0.01%
8.4	20	13.560404	0.002979	±0.01%

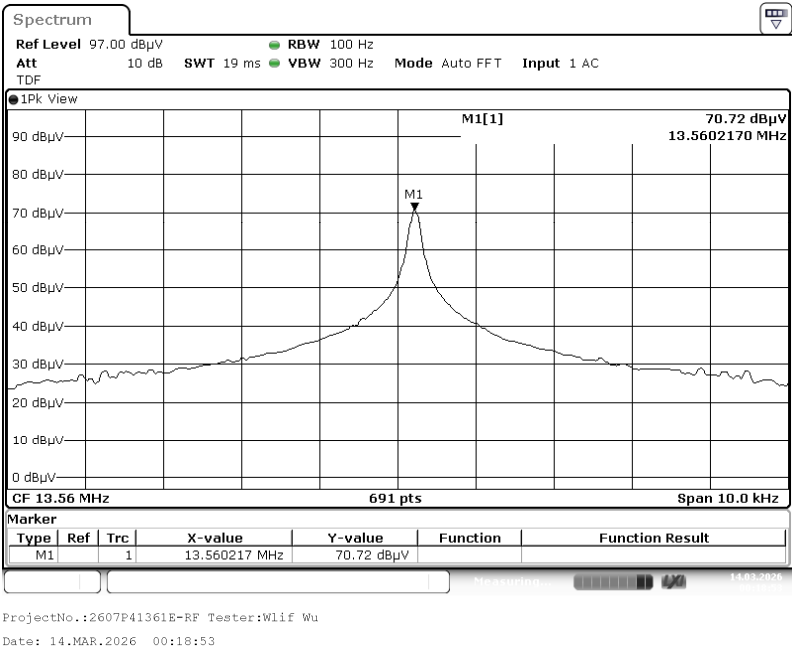
Tested with NFC card

$F_0=13.56\text{MHz}$				
Power Supply(V_{DC})	Temperature ($^{\circ}\text{C}$)	Measured Frequency (MHz)	Frequency Error (%)	Limit
7.2	-20	13.559536	-0.003422	$\pm 0.01\%$
	-10	13.559829	-0.001261	$\pm 0.01\%$
	0	13.559890	-0.000811	$\pm 0.01\%$
	10	13.559956	-0.000324	$\pm 0.01\%$
	20	13.560159	0.001173	$\pm 0.01\%$
	30	13.560258	0.001903	$\pm 0.01\%$
	40	13.560560	0.004130	$\pm 0.01\%$
	50	13.560322	0.002375	$\pm 0.01\%$
6.4	20	13.560070	0.000516	$\pm 0.01\%$
8.4	20	13.560134	0.000988	$\pm 0.01\%$

Note: Please refer to the below plots for normal test:

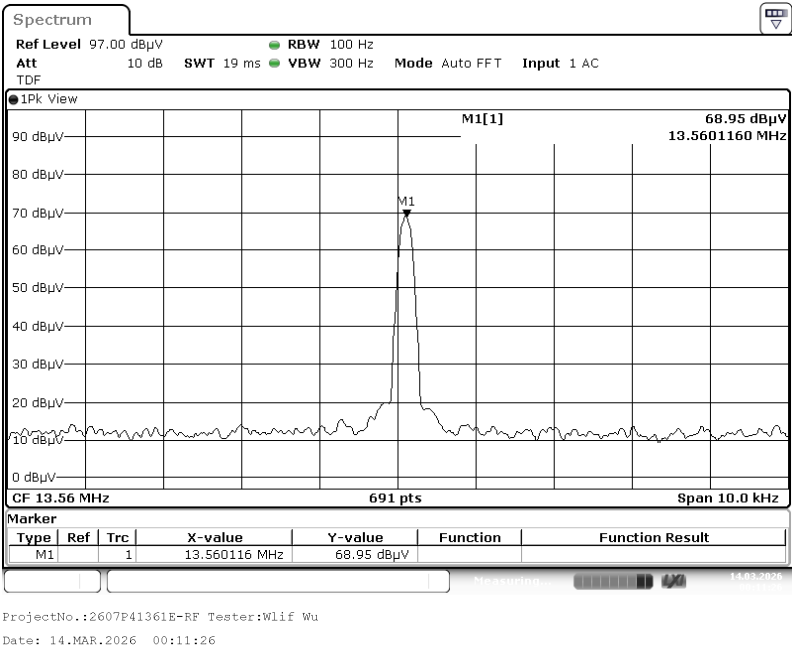
Normal condition:**For Configuration 1# (Scanner version)****Tested without NFC card**

Tested with NFC card

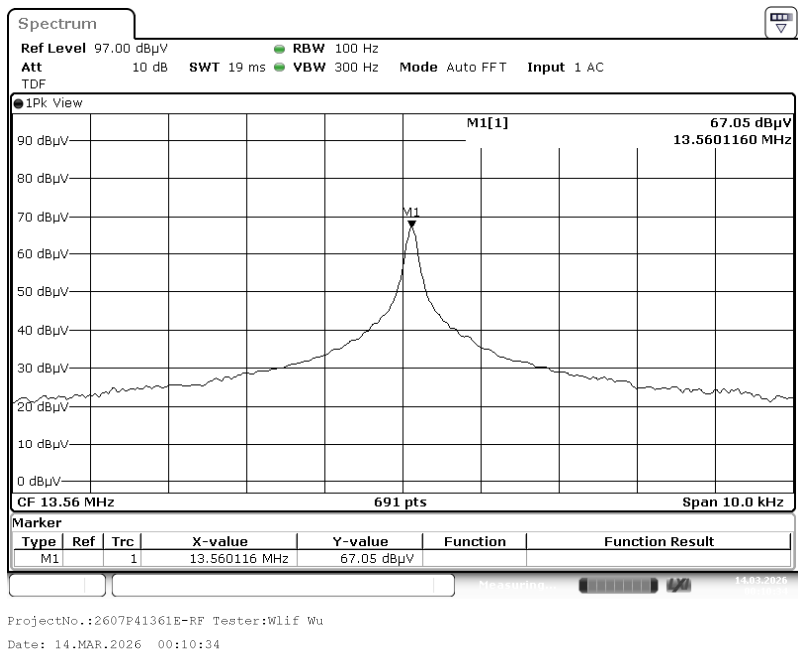


For Configuration 2# (2nd display version)

Tested without NFC card

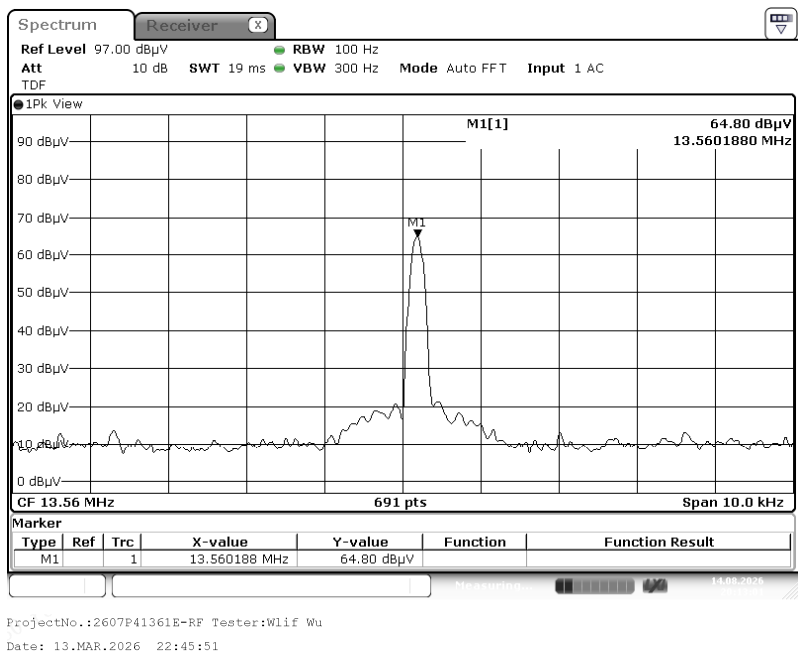


Tested with NFC card

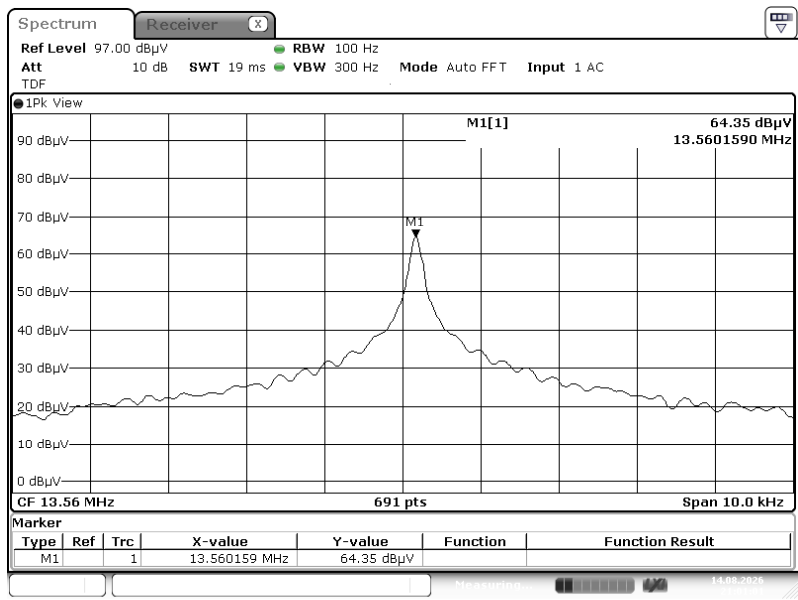


For Configuration 3# (Basic version)

Tested without NFC card



Tested with NFC card



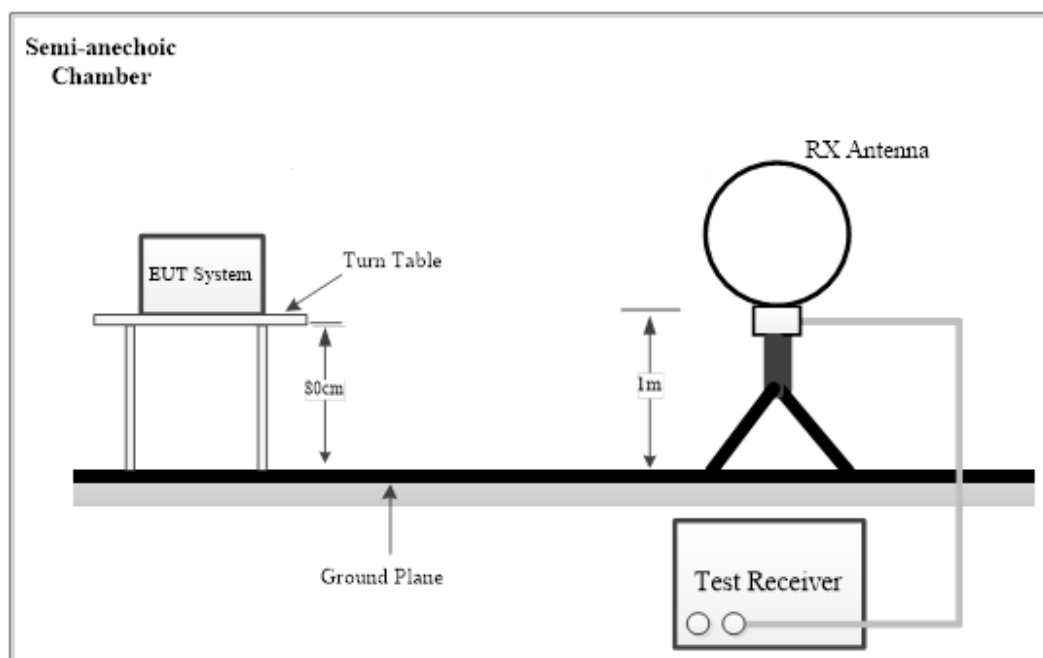
ProjectNo.:2607P41361E-RF Tester:Wlif Wu
Date: 13.MAR.2026 22:43:38

FCC§15.215(c) - 20dB EMISSION BANDWIDTH TESTING**Requirement**

Per 15.215 (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. The requirement to contain the designated bandwidth of the emission within the specified frequency band includes the effects from frequency sweeping, frequency hopping and other modulation techniques that may be employed as well as the frequency stability of the transmitter over expected variations in temperature and supply voltage. If a frequency stability is not specified in the regulations, it is recommended that the fundamental emission be kept within at least the central 80% of the permitted band in order to minimize the possibility of out-of-band operation.

Test Procedure

1. Check the calibration of the measuring instrument using either an internal calibrator or a known signal from an external generator.
2. Position the EUT without connection to measurement instrument. Turn on the EUT and connect it to measurement instrument. Then set it to any one convenient frequency within its operating range. Set a reference level on the measuring instrument equal to the highest peak value.
3. Measure the frequency difference of two frequencies that were attenuated 20 dB from the reference level. Record the frequency difference as the emission bandwidth.

Test Setup

Test Data

Test Mode:	Transmitting	Test Engineer:	Wlif Wu
Test Date:	2026-03-14	Environment:	Temp.: 22.1°C Humi.: 42% Atm: 100.1kPa

Test Result: Compliant*For Configuration 1# (Scanner version)**Tested without NFC card*

Frequency (MHz)	20 dB Bandwidth (kHz)
13.56	0.258

Tested with NFC card

Frequency (MHz)	20 dB Bandwidth (kHz)
13.56	0.492

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

Frequency (MHz)	20 dB Bandwidth (kHz)
13.56	0.252

Tested with NFC card

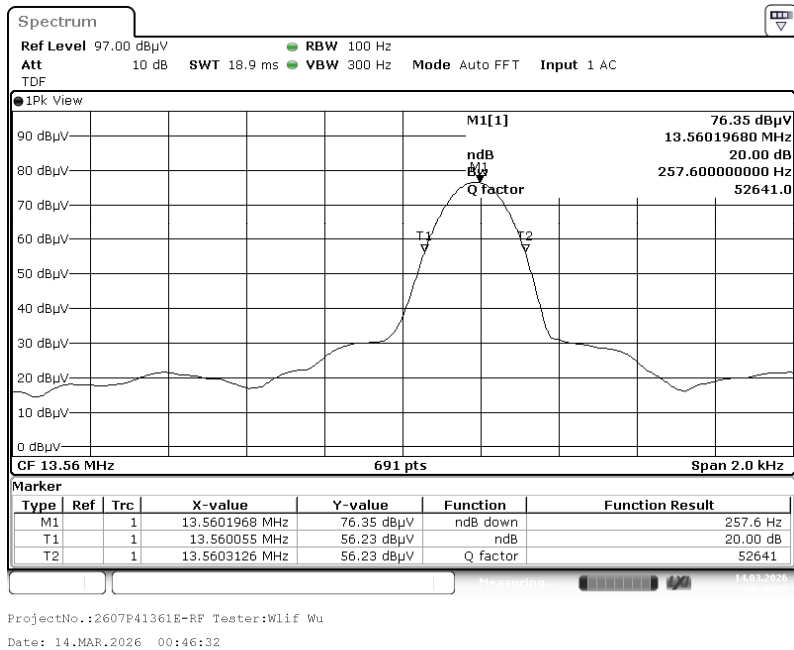
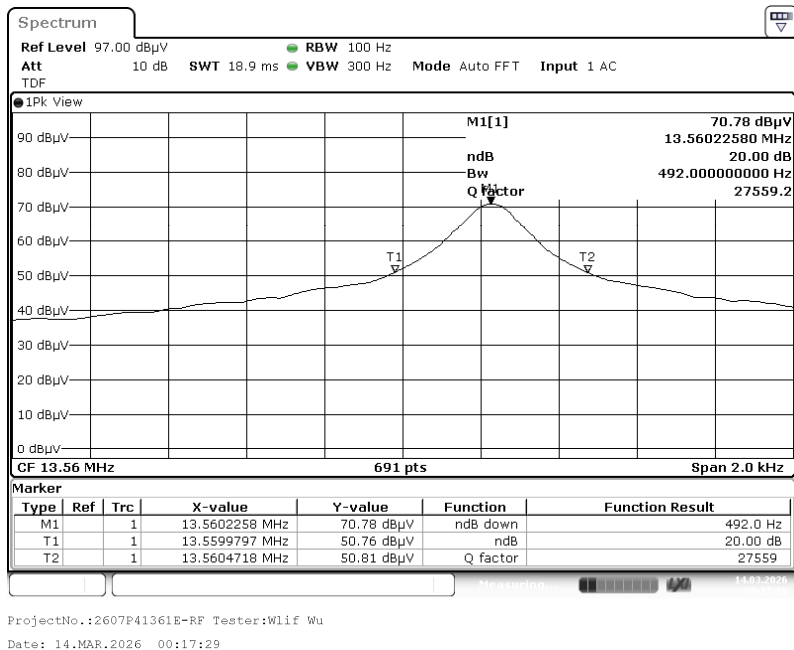
Frequency (MHz)	20 dB Bandwidth (kHz)
13.56	0.486

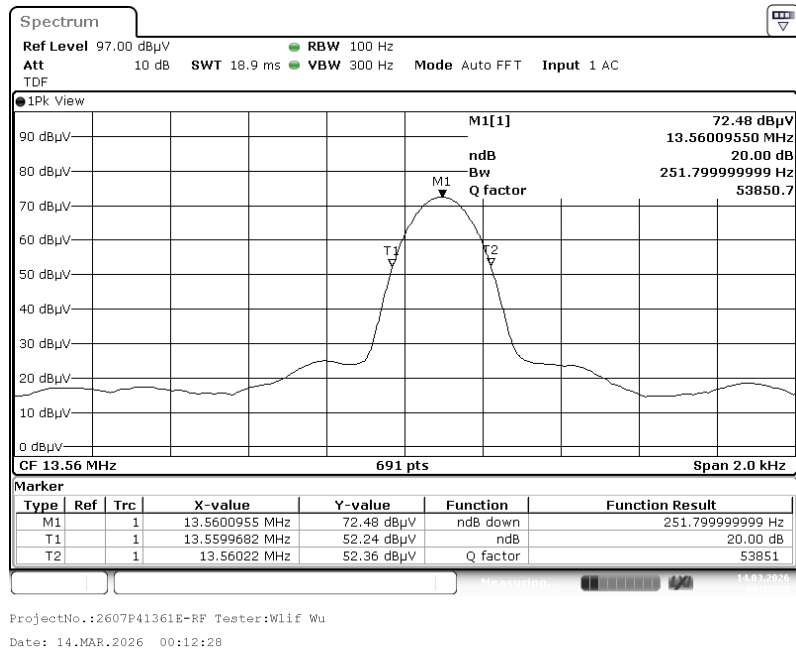
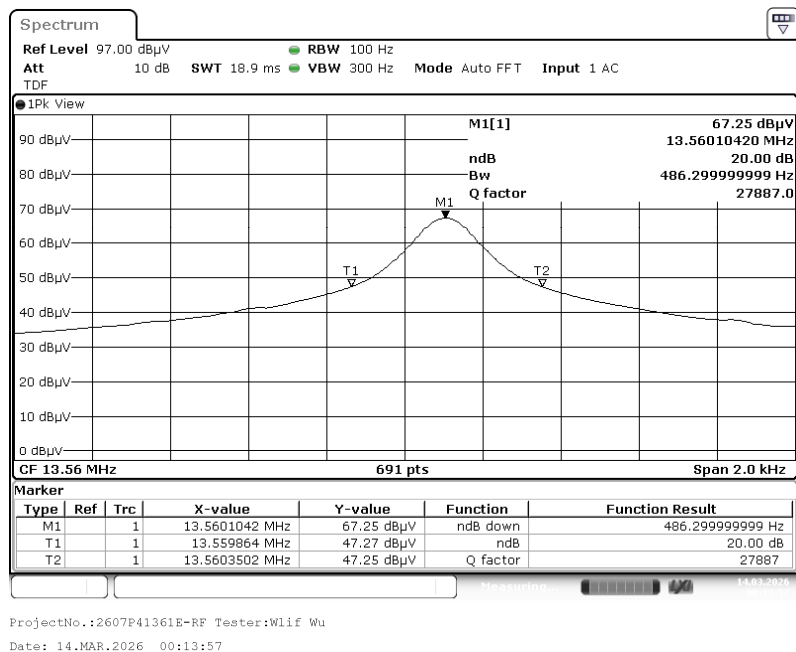
*For Configuration 3# (Basic version)**Tested without NFC card*

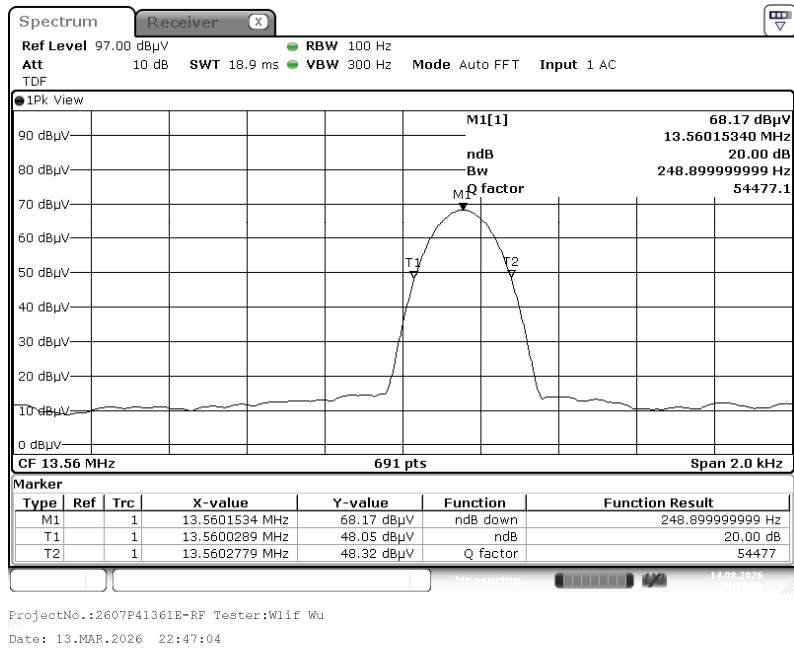
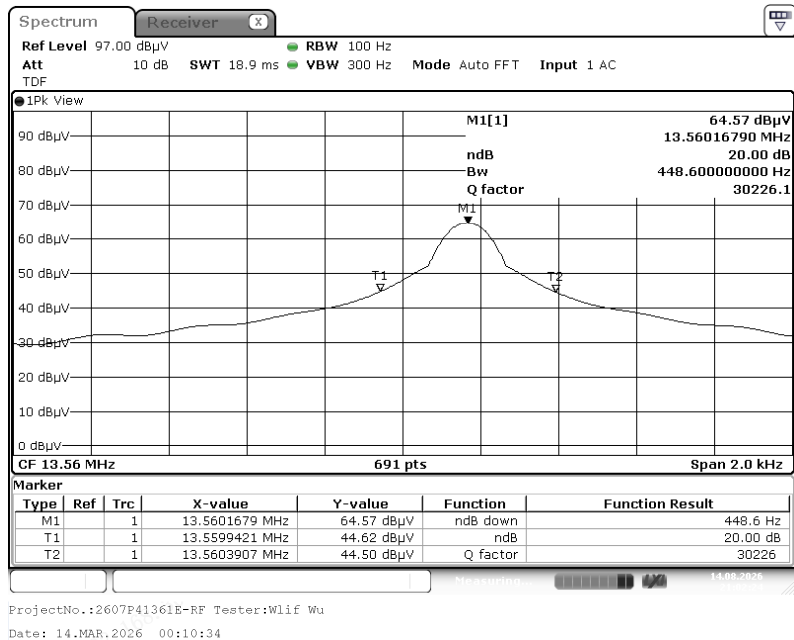
Frequency (MHz)	20 dB Bandwidth (kHz)
13.56	0.249

Tested with NFC card

Frequency (MHz)	20 dB Bandwidth (kHz)
13.56	0.449

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

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

For Configuration 3# (Basic version)***Tested without NFC card******Tested with NFC card***

EUT PHOTOGRAPHS

Please refer to the attachment 2607P41361E-RF-EXP EUT EXTERNAL PHOTOGRAPHS and 2607P41361E-RF-INP EUT INTERNAL PHOTOGRAPHS.

TEST SETUP PHOTOGRAPHS

Please refer to the attachment 2607P41361E-RF-TSP-03 TEST SETUP PHOTOGRAPHS.

Declarations

1. Bay Area Compliance Laboratories Corp. (Xiamen) is not responsible for authenticity of any information provided by the applicant. Information from the applicant that may affect test results are marked with an asterisk “★”.
2. Unless otherwise stated, the results shown in this test report refer only to the sample(s) tested.
3. Unless required by the rule provided by the applicant or product regulations, then decision rule in this report did not consider the uncertainty.
4. The extended uncertainty given in this report is obtained by combining the standard uncertainty times the coverage factor k with the 95% confidence interval.
5. This report cannot be reproduced except in full, without prior written approval of Bay Area Compliance Laboratories Corp. (Xiamen).
6. This report is valid only with a valid digital signature. The digital signature may be available only under the adobe software above version 7.0.

***** END OF REPORT *****