FCC TEST REPORT

For

EMV Android Validator

Model Number: FX925SF-ING-VWDC-PRE, 011P; FX925SF-ING-VPDC-PRE, 011P; FX925SF-ING-VWDC-PRE, 010P; FX925SF-ING-VPDC-PRE, 010P

FCC ID: 2AGQIFX925F

Report Number : WT218003685

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TEST REPORT DECLARATION

Applicant	:	FAMOCO SAS
Address	:	59 avenue Victor Hugo Paris, France
Manufacturer	:	FAMOCO SAS
Address	:	59 avenue Victor Hugo Paris, France
EUT Description	:	EMV Android Validator
Model No.	:	FX925SF-ING-VWDC-PRE, 011P; FX925SF-ING-VPDC-PRE, 011P; FX925SF-ING-VWDC-PRE, 010P; FX925SF-ING-VPDC-PRE, 010P
Trade mark	:	Famoco
Serial Number	:	/
FCC ID	:	2AGQIFX925F

Test Standards:

FCC Part 15 Subpart B (2020)

The EUT described above is tested by Shenzhen Academy of Metrology and Quality Inspection EMC Laboratory to determine the maximum emissions from the EUT. Shenzhen Academy of Metrology and Quality Inspection EMC Laboratory is assumed full responsibility for the accuracy of the test results.

The test report is valid for above tested sample only and shall not be reproduced in part without written approval of the laboratory.

Project Engineer:	(Zhou Fangai 周芳媛)	Date:	Jan.17, 2022
Checked by:	(Shi Changda 施昌达)	Date:	Jan.17, 2022
Approved by:	(Lin Yixiang 林奕翔)	Date:	Jan.17, 2022

TABLE OF CONTENTS

1. TEST RESULTS SUMMARY

Table 1 Test Results Summary

Test Items	FCC Rules	Test Results
Conducted Emission	15.107	Pass
Radiation Emission	15.109	Pass

Remark: “N/A” means “Not applicable.”

2. GENERAL INFORMATION

2.1. Report information

This report is not a certificate of quality; it only applies to the sample of the specific product/equipment given at the time of its testing. The results are not used to indicate or imply that they are application to the similar items. In addition, such results must not be used to indicate or imply that SMQ approves recommends or endorses the manufacture, supplier or use of such product/equipment, or that SMQ in any way guarantees the later performance of the product/equipment.

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The lab will not be liable for any loss or damage resulting for false, inaccurate, inappropriate or incomplete product information provided by the applicant/manufacturer.

2.2. Laboratory Accreditation and Relationship to Customer

The testing report were performed by the Shenzhen Academy of Metrology and quality Inspection EMC Laboratory (Guangdong EMC compliance testing center), in their facilities located at NETC Building, No.4 Tongfa Rd., Xili, Nanshan, Shenzhen, China. At the time of testing, Laboratory is accredited by the following organizations:

China National Accreditation Service for Conformity Assessment (CNAS) accredits the Laboratory for conformance to FCC standards, EMC international standards and EN standards. The Registration Number is CNAS L0579.

The Laboratory is Accredited Testing Laboratory of FCC with Designation number CN1165 and Site registration number 582918.

The Laboratory is registered to perform emission tests with Innovation, Science and Economic Development (ISED), and the registration number is 11177A.

The Laboratory is registered to perform emission tests with VCCI, and the registration number are C-20048, G20076, R-20077, R-20078 and T-20047.

The Laboratory is Accredited Testing Laboratory of American Association for Laboratory Accreditation (A2LA) and certificate number is 3292.01.

2.3. Measurement Uncertainty

Conducted Emission
9 kHz~150 kHz U=3.7dB k=2
150 kHz~30MHz U=3.3dB k=2

Radiated Emission
30MHz~1000MHz U=4.3dB k=2
1GHz~6GHz U=4.6 dB k=2
6GHz~40GHz U=5.1dB k=2

3. PRODUCT DESCRIPTION

NOTE: The extreme test conditions for temperature and antenna gain were declared by the manufacturer.

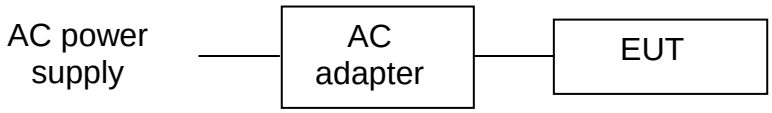
3.1. EUT Description

Description	:	EMV Android Validator
Manufacturer	:	FAMOCO SAS
Model Number	:	FX925SF-ING-VWDC-PRE, 011P; FX925SF-ING-VPDC-PRE, 011P; FX925SF-ING-VWDC-PRE, 010P; FX925SF-ING-VPDC-PRE, 010P
Operating voltage	:	10.8V (Low)/12V (Nominal)/ 13.2V (Max)
Test voltage	:	AC 120V/60Hz
Software Version	:	MOLY.LR12A.R2.MP.V44.1.P1
Hardware Version	:	FX925F-P
Frequency	:	GSM850:TX 824MHz~849MHz RX 869MHz~894MHz PCS1900: TX 1850MHZ~1910MHz RX 1930MHz~1990MHz WCDMA 850: TX 824MHz~849MHz RX 869MHz~894MHz WCDMA 1700: TX 1710MHz~1755MHz RX 2110MHz~2155MHz WCDMA 1900:TX 1850MHZ~1910MHz RX 1930MHz~1990MHz LTE Band 2: TX 1850MHZ~1910MHz RX 1930MHz~1990MHz LTE Band 5:TX 824MHz~849MHz RX 869MHz~894MHz LTE Band 7:TX 2500MHz~2570MHz RX 2620MHz~2690MHz LTE Band 12:TX 699MHz~716MHz RX 729MHz~746MHz LTE Band 13:TX 777MHz~787MHz RX 746MHz~756MHz LTE Band 17: TX 704MHz ~ 716MHz RX 734MHz ~ 746MHz LTE Band 38:TX 2570MHz~2620MHz RX 2570MHz~2620MHz LTE Band 41:TX 2555MHz~2655MHz RX 2555MHz~2655MHz 2.4GWiFi:2412MHz~2462MHz 5GWiFi: U-NII 1(5180~5240 MHz)

		BT:2402MHz~2480MHz
Type(s) of Modulation	:	GSM850/PCS1900:GMSK 8PSK WCDMA:QPSK LTE:QPSK, 16QAM DSSS (DBPSK, DQPSK, CCK) for 802.11b OFDM (BPSK, QPSK, 16QAM, 64QAM) for 802.11a/g/n OFDM (BPSK, QPSK, 16QAM, 64QAM,256QAM) for 802.11ac Bluetooth: GFSK, pi/4-DQPSK, 8DPSK
Antenna Type	:	GSM/WCDMA/LTE: PIFA ANTENNA 699MHz~800MHz: -0.4dBi 824MHz~849MHz: -0.39dBi 1710MHz~1780MHz: 0.45dBi 1850MHZ~1910MHz: 0.46dBi 2500MHz~2570MHz: 1.17dBi WiFi: PIFA ANTENNA +1.3dBi BT: PIFA ANTENNA +1.3dBi

Remark: This is test report is for application of FCC ID: 2AGQIFX925F, which consists of reuse data of FCC ID: 2AGQIFX205. This report updates the standard FCC Part 15 Subpart B 15.107, 15.109 (2018) to FCC Part 15 Subpart B (2020).See the APPENDIX I Product Equality Declaration for the differences between the new model(FX925SF-ING-VWDC-PRE, 011P; FX925SF-ING-VPDC-PRE, 011P; FX925SF-ING-VWDC-PRE, 010P; FX925SF-ING-VPDC-PRE, 010P) and the original model (FX925F PM, FX925F WM). Considering above changes, all test data were performed in this test report No.: WT218003685.

3.2. Block Diagram of EUT Configuration



Setup of test

3.3. Operating Condition of EUT

Test mode 1: AC adapter, with battery, and video recording.
Test mode 2: AC adapter, without battery, and video recording.
Test mode 3: DC powered, with battery, and video recording.
Test mode 4: DC powered, without battery, and video recording.

The test mode mentioned above is identified as worst case for this EUT and the test results for this mode are recorded in this report.

The Radiated emission measurements were carried out in semi-anechoic chamber with 3-meter test range, and EUT is rotated on three test planes to find out the worst emission (X plane).

3.4. Support Equipment List

Table 2 Support Equipment List

Name	Model No.	S/N	Manufacturer
Adapter for EUT	LST-S72U12-A	---	ShenZhen GoldLister Power Source Co.,Ltd
Rechargeable Li-ion Polymer Battery for EUT	FX205 Series	---	Zhuhai Greaton Electronic Technology.Co., Ltd
DC Battery	---	---	---

Table 3 Support Equipment List

Name	Model No	S/N	Manufacturer	FCC
Keyboard	SK-2015	--	HP	DOC
Mouse	MSU1465	--	HP	DOC

3.5. Test Conditions

Date of re-test：Dec.31, 2021- Jan.04, 2021
Date of EUT Receive：Dec.10, 2021
Temperature: 22℃-24℃
Relative Humidity: 48%-50%

Date of test：Oct.29, 2019-Nov.05, 2019
Date of EUT Receive：Oct.15, 2019
Temperature: 22℃
Relative Humidity: 37%-46%

3.6. Modifications

No modification was made.

4. TEST EQUIPMENT USED

Table 4 Test Equipment

No.	Equipment	Manufacturer	Model No.	LAST CALIB	Period
Conducted Emission					
SB9058/05	Test Receiver	R&S	ESCI 3	Sep.24,2021	1 Year
SB4357	AMN	R&S	ENN216	Aug.25,2021	1 Year
SB9549	Shielded Room	Albatross	SR	Sep.24,2021	1 Year
Radiated Emission					
SB17366	Test Receiver	R&S	ESR26	Jun.25,2021	1 Year
SB3955	Broadband Antenna	Schwarzbeck	VULB9163	Jan.05,2021	1 Year
SB13958	Horn Antenna	R&S	HF907	Mar.23,2021	1 Year
SB9555/01	Semi Anechoic Chamber	Albatross	9×6×6(m)	Aug.25,2021	1 Year

5. CONDUCTED EMISSION TEST

5.1. Test Standard and Limit

5.1.1. Test Standard

FCC Part 15: Section 15.107

5.1.2. Test Limit

Table 5 Conducted Emission Test Limit (Class B)

Frequency	Power Port limits (dBμV)	
	Quasi-peak	Average
0.15MHz ~ 0.5MHz	66～56*	56~46*
0.5MHz ~ 5 MHz	56	46
5 MHz ~ 30MHz	60	50

* Decreasing linearly with logarithm of the frequency

5.2. Test Procedure

The EUT is put on a table of non-conducting material that is 80cm high. The vertical conducting wall of shielding is located 40cm to the rear of the EUT. The power line of the EUT is connected to the AC mains through a Artificial Mains Network (A.M.N.). A EMI test receiver is used to test the emissions from both sides of AC line. The bandwidth of EMI test receiver is set at 9kHz.

5.3. Test Arrangement

The arrangement of the equipment is installed to meet the standards and operating in a manner, which tends to maximize its emission characteristics in a normal application. The detailed information refers to test picture.

5.4. Test Data

The emissions don’t show in below are too low against the limits. Refer to the test curves.

Table 6 Conducted Emission Test Data (mains port)

Model No.: FX925SF-ING-VPDC-PRE, 011P
Test mode: 1
Test Voltage: AC120V

	Frequency (MHz)	Correction Factor (dB)	Quasi-Peak			Average		
			Reading (dBμV)	Emission Level (dBμV)	Limits (dBμV)	Reading (dBμV)	Emission Level (dBμV)	Limits (dBμV)
Line	0.150	9.7	40.2	49.9	66	27.9	37.6	56
	0.213	9.7	38.6	48.3	63.1	26.3	36.0	53.1
	0.321	9.7	28.2	37.9	59.7	8.8	18.5	49.7
	0.537	9.8	18.2	28.0	56	4.3	14.1	46
	2.184	9.9	21.4	31.3	56	6.9	16.8	46
	17.101	9.9	25.2	35.1	60	16.9	26.8	50
Neutral	0.150	9.7	39.6	49.3	66	24.1	33.8	56
	0.199	9.7	36.8	46.5	63.7	23.5	33.2	53.7
	0.249	9.7	30.5	40.2	61.8	19.6	29.3	51.8
	0.348	9.7	26.6	36.3	59.0	15.4	25.1	49.0
	3.588	9.9	19.8	29.7	56	8.1	18.0	46
	16.988	9.9	24.6	34.5	60	17.0	26.9	50

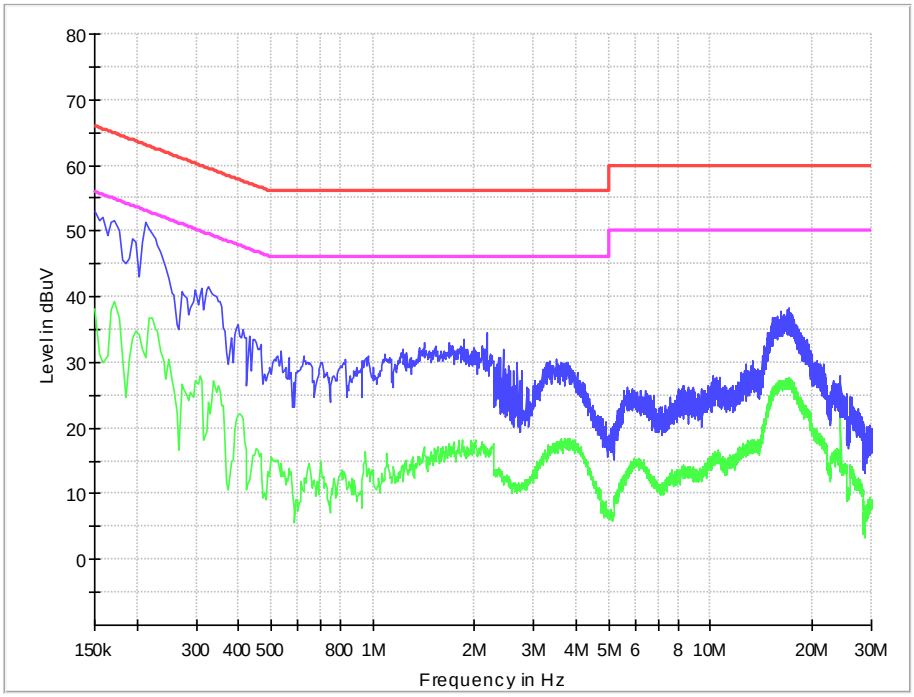
Table 7 Conducted Emission Test Data (mains port)

Model No.: FX925SF-ING-VPDC-PRE, 010P
Test mode: 2
Test Voltage: AC120V

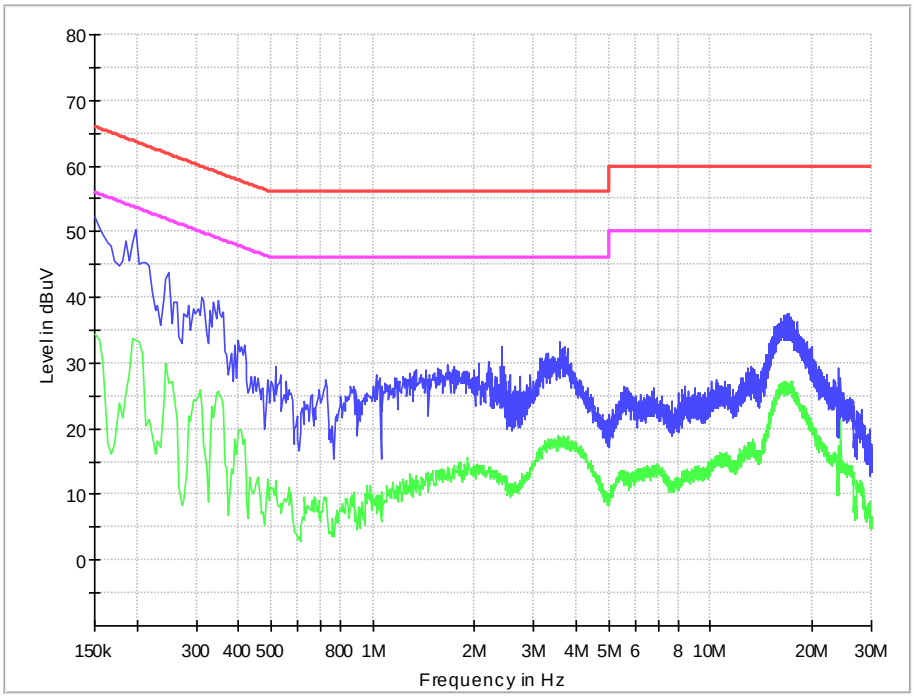
	Frequency (MHz)	Correction Factor (dB)	Quasi-Peak			Average		
			Reading (dBμV)	Emission Level (dBμV)	Limits (dBμV)	Reading (dBμV)	Emission Level (dBμV)	Limits (dBμV)
Line	0.150	9.7	38.8	48.5	66	26.5	36.2	56
	0.204	9.7	34.3	44.0	63.4	25.4	35.1	53.4
	0.249	9.7	28.6	38.3	61.8	19.6	29.3	51.8
	0.339	9.7	26.0	35.7	59.2	19.2	28.9	49.2
	3.682	9.9	18.3	28.2	56	7.6	17.5	46
	17.214	9.9	24.0	33.9	60	16.8	26.7	50
Neutral	0.150	9.7	35.8	45.5	66	23.8	33.5	56
	0.204	9.7	35.5	45.2	63.4	25.6	35.3	53.4
	0.244	9.7	32.3	42.0	62.0	20.3	30.0	52.0
	0.303	9.7	26.4	36.1	60.2	15.1	24.8	50.2
	3.673	9.9	20.0	29.9	56	8.4	18.3	46
	17.191	9.9	25.1	35.0	60	16.3	26.2	50

Test Mode 1

Line

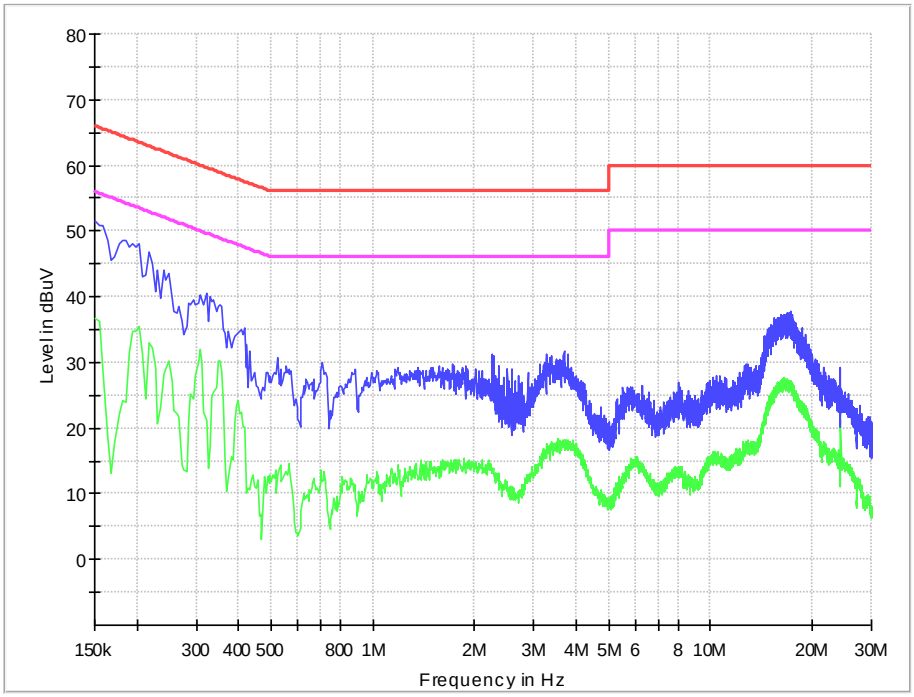


Neutral

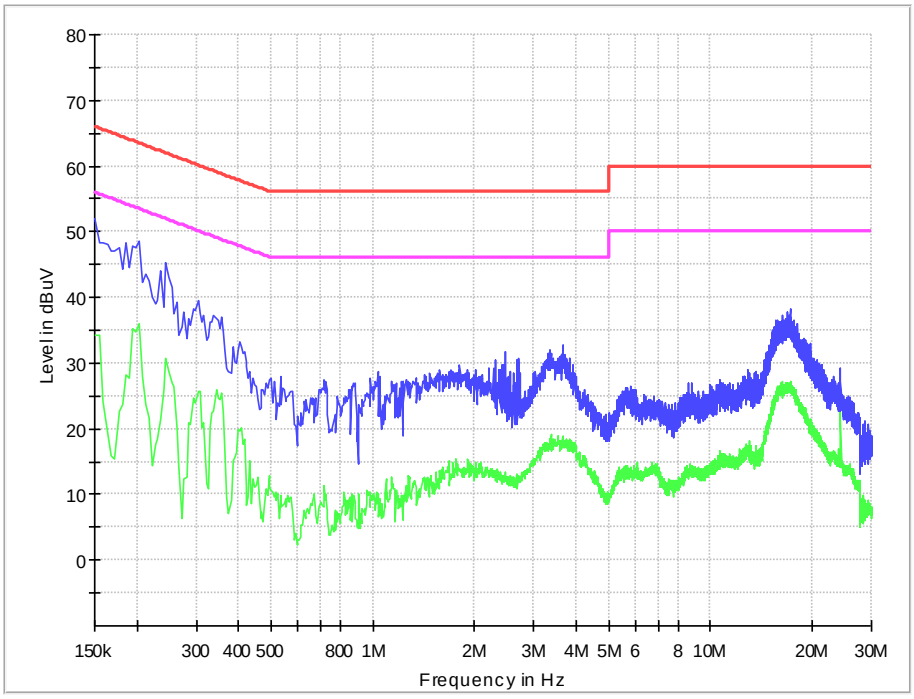


Test Mode 2

Line



Neutral



6. RADIATION EMISSION TEST

6.1. Test Standard and Limit

6.1.1. Test Standard

FCC Part 15: Section 15.109

6.1.2. Test Limit

Table 8 Radiation Emission Test Limit for FCC (Class B)

Frequency	Test distance	Limit dB(μV/m)		
		Quasi-peak	Average	Peak
30MHz~88MHz	**3m**	40		
88MHz~216MHz	**3m**	43.5		
216MHz~960MHz	**3m**	46		
960MHz~1000MHz	**3m**	54		
>1000MHz	**3m**		54	74
Conditional testing procedure for above 1 GHz：				
Highest frequency generated or used in the device or on which the device operates or tunes (MHz)		**Upper frequency of measurement range (MHz)**		
Below 1.705		30		
1.705~108		1000		
108~500		2000		
500~1000		5000		
Above 1000		5th harmonic of the highest frequency or 40 GHz, whichever is lower.		

* The lower limit shall apply at the transition frequency.
* The test distance is 3m.

6.2. Test Procedure

The EUT is placed on a turntable, which is 0.8 meter above ground. The turntable can rotate 360 degrees to determine the position of the maximum emission level. EUT is set **3 meters** away from the receiving antenna, which is mounted on an antenna tower. The antenna can move up and down between 1 to 4 meters to find out the maximum emission level. Broadband antenna is used as a receiving antenna. Both horizontal and vertical polarization of the antenna is set on test.
RBW = 100 kHz (less than or equal to 1 GHz); 1 MHz (above 1 GHz)
VBW ≥ 3 x RBW
Detector = Peak & Quasi-Peak (frequency range 30 MHz to 1 GHz);
Peak & Average (frequency range above 1 GHz);
Changing VBW to 10 Hz for average measurement
The use of a higher-than-specified video bandwidth produces a conservative measurement result.

6.3. Test Arrangement

The arrangement of the equipment is installed to meet the standards and operating in a manner, which tends to maximize its emission characteristics in a normal application. The detailed information refers to test picture.

6.4. Test Data

The emissions don't show in below are too low against the limits. Refer to the test curves.

Table 9 Radiated Emission Test Data

Model No.: FX925SF-ING-VPDC-PRE, 011P
Test mode: 1
Test Voltage: AC120V

Frequency (MHz)	Cable Loss +preamp (dB)	Antenna Factor (dB)	Reading (dBμV/m)	Level (dBμV/m)	Polarity (H/V)	Limit (dBμV/m)	Margin (dB)	Note
240.102	1.9	12.1	24.8	38.8	Vertical	46	7.2	QP
479.983	2.6	15.6	15.4	33.6	Vertical	46	12.4	QP
960.036	3.9	21.1	10.1	35.1	Vertical	54	18.9	QP
120.016	1.3	10.5	19.9	31.7	Horizontal	43.5	11.8	QP
240.102	1.9	12.1	21.2	35.2	Horizontal	46	10.8	QP
360.091	2.3	14.3	15.0	31.6	Horizontal	46	14.4	QP
720.349	3.4	18.8	14.5	36.7	Horizontal	46	9.3	QP
960.036	3.9	21.1	13.5	38.5	Horizontal	54	15.5	QP
1324.700	-40.8	24.3	50.8	34.3	Horizontal	74	39.7	PK
1438.600	-40.8	25.1	55.2	39.5	Horizontal	74	34.5	PK
17517.200	-32.5	42.9	50.9	61.3	Horizontal	74	12.7	PK
1438.600	-40.8	25.1	54.0	38.3	Vertical	74	35.7	PK
1919.700	-40.4	26.9	53.1	39.6	Vertical	74	34.4	PK
17751.800	-31.4	43.1	50.1	61.8	Vertical	74	12.2	AV
1324.700	-40.8	24.3	41.7	25.2	Horizontal	54	28.8	AV
1438.600	-40.8	25.1	43.8	28.1	Horizontal	54	25.9	AV
17517.200	-32.5	42.9	38.1	48.5	Horizontal	54	5.5	AV
1438.600	-40.8	25.1	45.8	30.1	Vertical	54	23.9	AV
1919.700	-40.4	26.9	44.8	31.3	Vertical	54	22.7	AV
17751.800	-31.4	43.1	36.9	48.6	Vertical	54	5.4	AV

Table 10 Radiated Emission Test Data

Model No.: FX925SF-ING-VPDC-PRE, 010P
Test mode: 2
Test Voltage: AC120V

Frequency (MHz)	Cable Loss +preamp (dB)	Antenna Factor (dB)	Reading (dBμV/m)	Level (dBμV/m)	Polarity (H/V)	Limit (dBμV/m)	Margin (dB)	Note
240.102	1.9	12.1	29.5	43.5	Horizontal	46	2.5	QP

720.349	3.4	18.8	11.4	33.6	Horizontal	46	12.4	QP
960.036	3.9	21.1	11.7	36.7	Horizontal	54	17.3	QP
120.016	1.3	10.5	16.6	28.4	Horizontal	43.5	15.1	QP
215.949	1.7	10.6	18.4	30.7	Horizontal	46	12.8	QP
240.102	1.9	12.1	23.5	37.5	Vertical	46	8.5	QP
479.983	2.6	15.6	13.9	32.1	Vertical	46	13.9	QP
960.036	3.9	21.1	11.6	36.6	Vertical	54	17.4	QP
1438.600	-40.8	25.1	52.6	36.9	Vertical	74	37.1	PK
1919.700	-40.4	26.9	52.2	38.7	Vertical	74	35.3	PK
16922.200	-32.3	42.2	51.8	61.7	Vertical	74	12.3	PK
1438.600	-40.8	25.1	49.4	33.7	Horizontal	74	40.3	PK
1919.700	-40.4	26.9	52.4	38.9	Horizontal	74	35.1	PK
17527.400	-32.7	42.9	49.9	60.1	Horizontal	74	13.9	PK
1438.600	-40.8	25.1	40.8	25.1	Vertical	54	28.9	AV
1919.700	-40.4	26.9	42.4	28.9	Vertical	54	25.1	AV
16922.200	-32.3	42.2	38.3	48.2	Vertical	54	5.8	AV
1438.600	-40.8	25.1	42.6	26.9	Horizontal	54	27.1	AV
1919.700	-40.4	26.9	42.8	29.3	Horizontal	54	24.7	AV
17527.400	-32.7	42.9	39.4	49.6	Horizontal	54	4.4	AV

Table 11 Radiated Emission Test Data

Model No.: FX925SF-ING-VPDC-PRE, 011P
Test mode: 3
Test Voltage: DC12V

Frequency (MHz)	Cable Loss +preamp (dB)	Antenna Factor (dB)	Reading (dBμV/m)	Level (dBμV/m)	Polarity (H/V)	Limit (dBμV/m)	Margin (dB)	Note
240.102	1.9	12.1	27.9	41.9	Horizontal	46	4.1	QP
360.091	2.3	14.3	16.7	33.3	Horizontal	46	12.7	QP
720.309	3.4	18.8	9.9	32.1	Horizontal	46	13.9	QP
960.036	3.9	21.1	9.6	34.6	Horizontal	54	19.4	QP
120.016	1.3	10.5	17.3	29.1	Vertical	43.5	14.4	QP
240.102	1.9	12.1	24.5	38.5	Vertical	46	7.5	QP
479.983	2.6	15.6	13.6	31.8	Vertical	46	14.2	QP
960.036	3.9	21.1	8.9	33.9	Vertical	54	20.1	QP
1438.600	-40.8	25.1	53.5	37.8	Vertical	74	36.2	PK
1919.700	-40.4	26.9	52.4	38.9	Vertical	74	35.1	PK
17292.800	-32.1	42.5	50.9	61.3	Vertical	74	12.7	PK
1324.700	-40.8	24.3	50.4	33.9	Horizontal	74	40.1	PK
1438.600	-40.8	25.1	53.2	37.5	Horizontal	74	36.5	PK
17794.300	-31.2	43.1	48.5	60.4	Horizontal	74	13.6	PK
1438.600	-40.8	25.1	38.8	23.1	Vertical	54	30.9	AV
1919.700	-40.4	26.9	37.7	24.2	Vertical	54	29.8	AV

17292.800	-32.1	42.5	39.3	49.7	Vertical	54	4.3	AV
1324.700	-40.8	24.3	42.1	25.6	Horizontal	54	28.4	AV
1438.600	-40.8	25.1	43.5	27.8	Horizontal	54	26.2	AV
17794.300	-31.2	43.1	36.0	47.9	Horizontal	54	6.1	AV

Table 12 Radiated Emission Test Data

Model No.: FX925SF-ING-VPDC-PRE, 010P
Test mode: 4
Test Voltage: DC12V

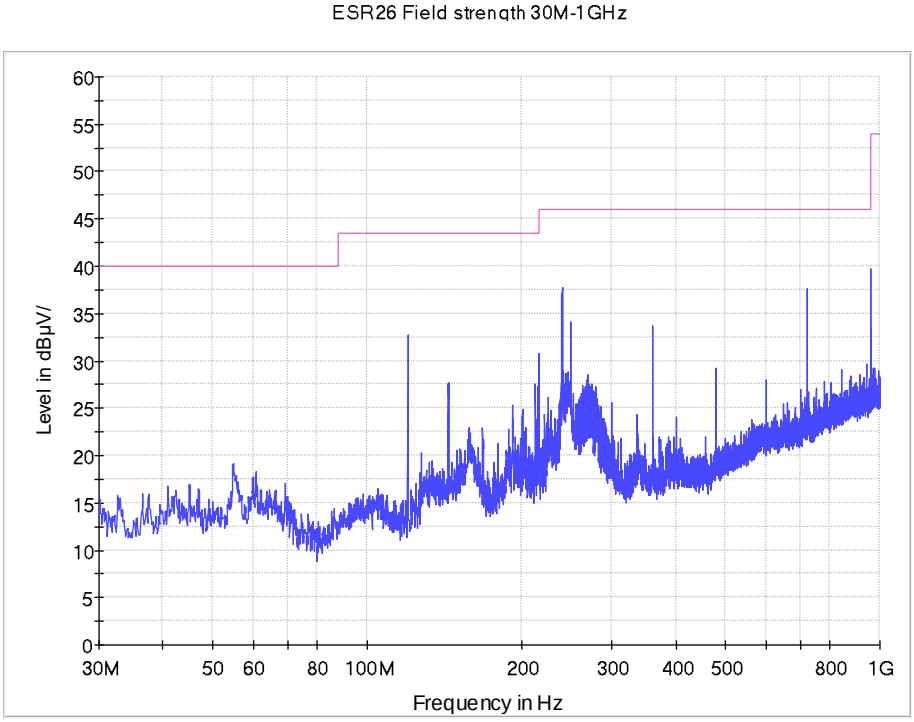
Frequency (MHz)	Cable Loss +preamp (dB)	Antenna Factor (dB)	Reading (dBμV/m)	Level (dBμV/m)	Polarity (H/V)	Limit (dBμV/m)	Margin (dB)	Note
240.102	1.9	12.1	22.8	36.8	Vertical	46	9.2	QP
479.983	2.6	15.6	13.6	31.8	Vertical	46	14.2	QP
960.036	3.9	21.1	9.2	34.2	Vertical	54	19.8	QP
120.016	1.3	10.5	17.6	29.4	Horizontal	43.5	14.1	QP
215.949	1.7	10.6	17.8	30.1	Horizontal	43.5	13.4	QP
240.102	1.9	12.1	26.8	40.8	Horizontal	46	5.2	QP
720.349	3.4	18.8	15.5	37.7	Horizontal	46	8.3	QP
960.036	3.9	21.1	12.9	37.9	Horizontal	54	16.1	QP
1198.900	-41.0	24.4	51.9	35.3	Vertical	74	38.7	PK
1324.700	-40.8	24.3	53.1	36.6	Vertical	74	37.4	PK
1438.600	-40.8	25.1	51.0	35.3	Vertical	74	38.7	PK
17529.100	-32.7	42.9	51.7	61.9	Horizontal	74	12.1	PK
1198.900	-41.0	24.4	49.8	33.2	Horizontal	74	40.8	PK
1438.600	-40.8	25.1	53.4	37.7	Horizontal	74	36.3	PK
17580.100	-33.2	42.9	51.2	60.9	Horizontal	74	13.1	PK
1198.900	-41.0	24.4	37.1	20.5	Vertical	54	33.5	AV
1324.700	-40.8	24.3	37.9	21.4	Vertical	54	32.6	AV
1438.600	-40.8	25.1	37.9	22.2	Vertical	54	31.8	AV
17529.100	-32.7	42.9	37.9	48.1	Horizontal	54	5.9	AV
1198.900	-41.0	24.4	37.9	21.3	Horizontal	54	32.7	AV
1438.600	-40.8	25.1	38.9	23.2	Horizontal	54	30.8	AV
17580.100	-33.2	42.9	39.6	49.3	Horizontal	54	4.7	AV

Remark: Emission level (dBuV) =Read Value (dBuV/m) + Antenna Factor (dB) + Cable Loss +preamp (dB)

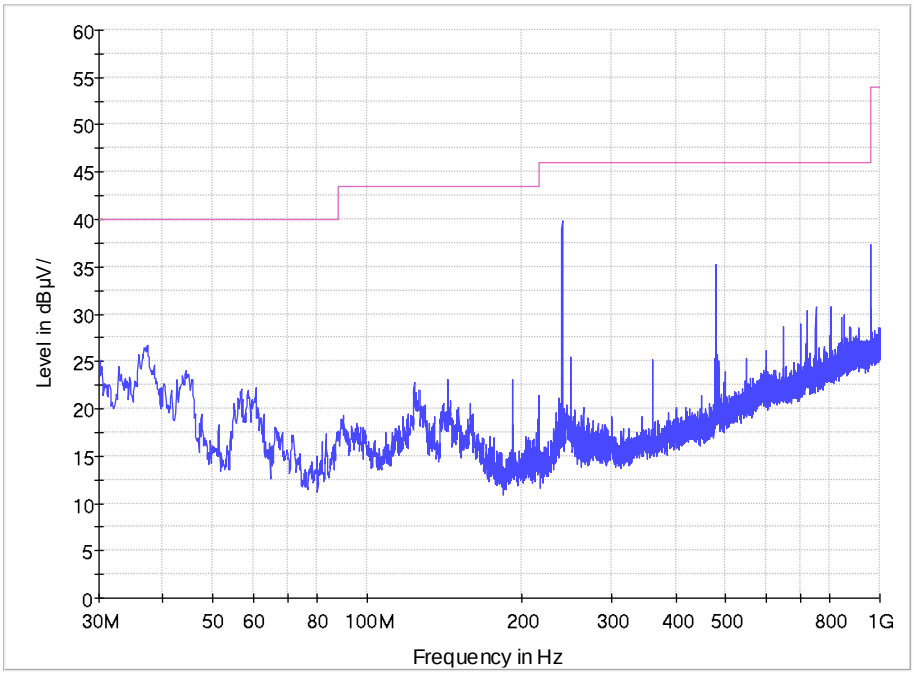
Test Mode 1

30MHz-1GHz

Horizontal



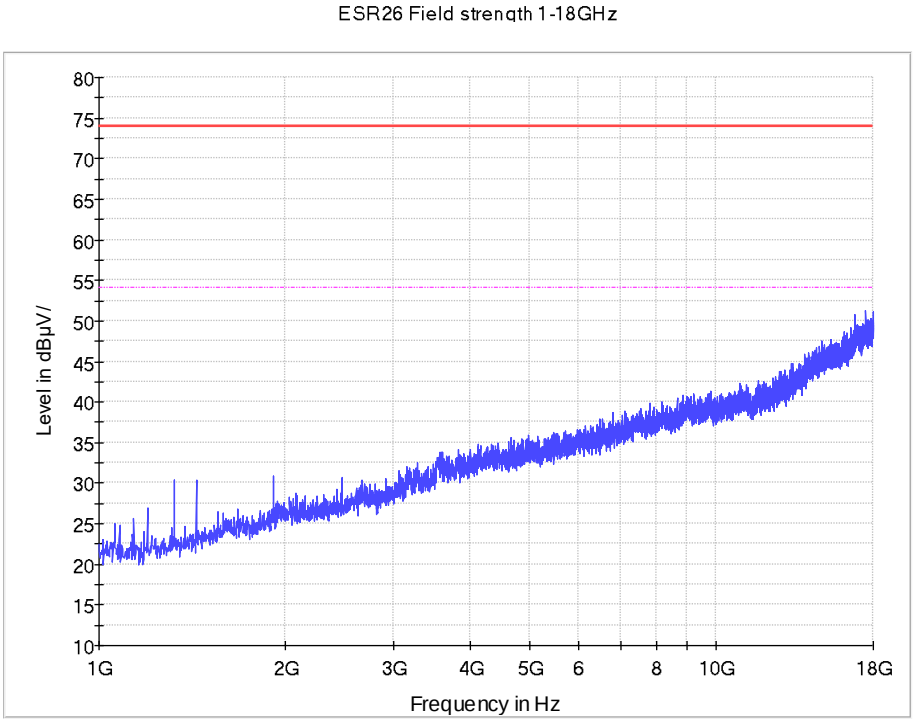
Vertical



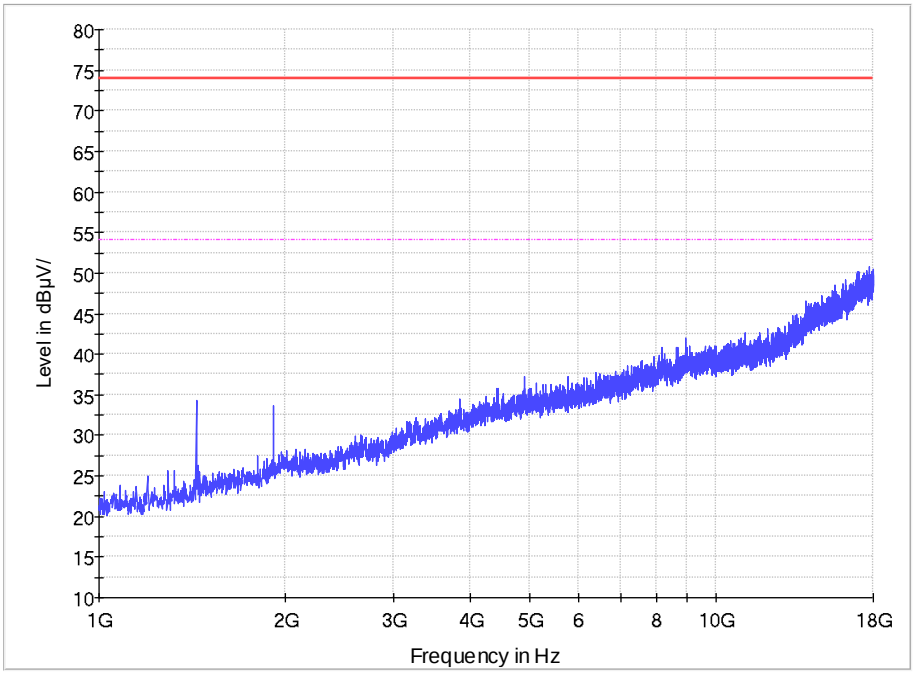
Test Mode 1

1GHz-18GHz

Horizontal



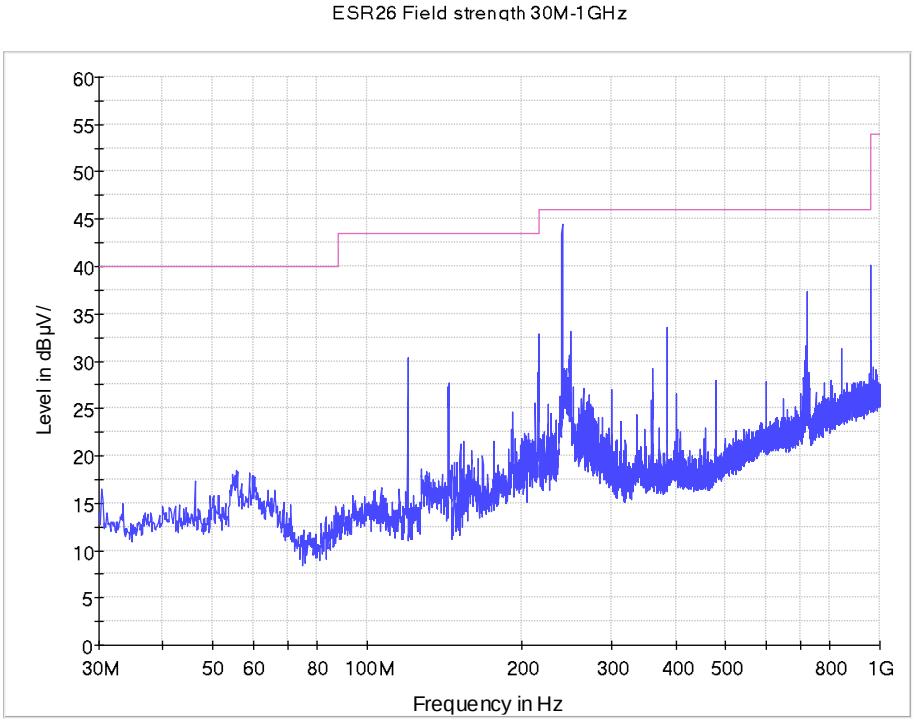
Vertical



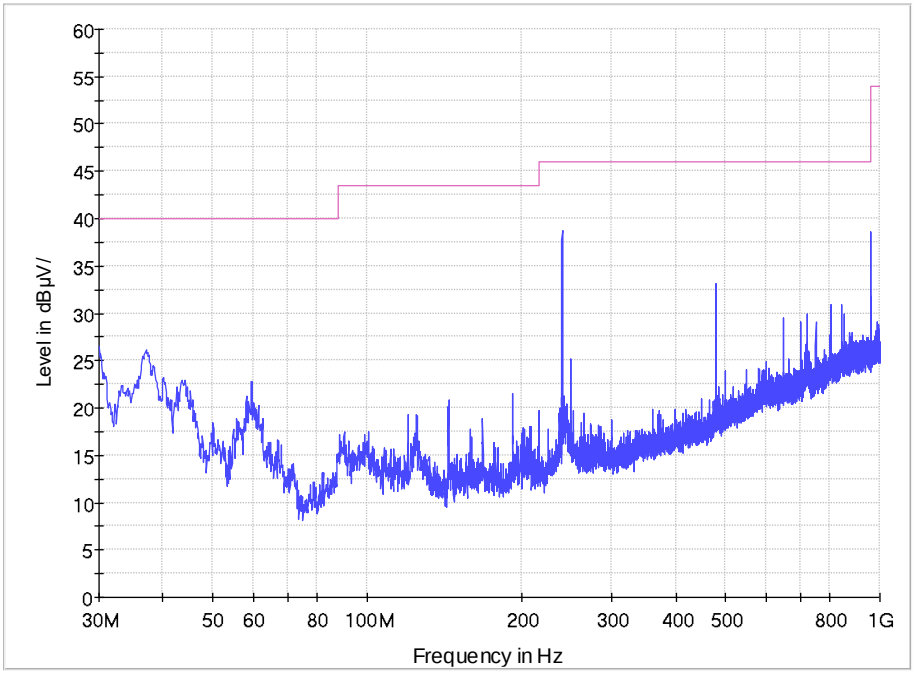
Test Mode 2

30MHz-1GHz

Horizontal



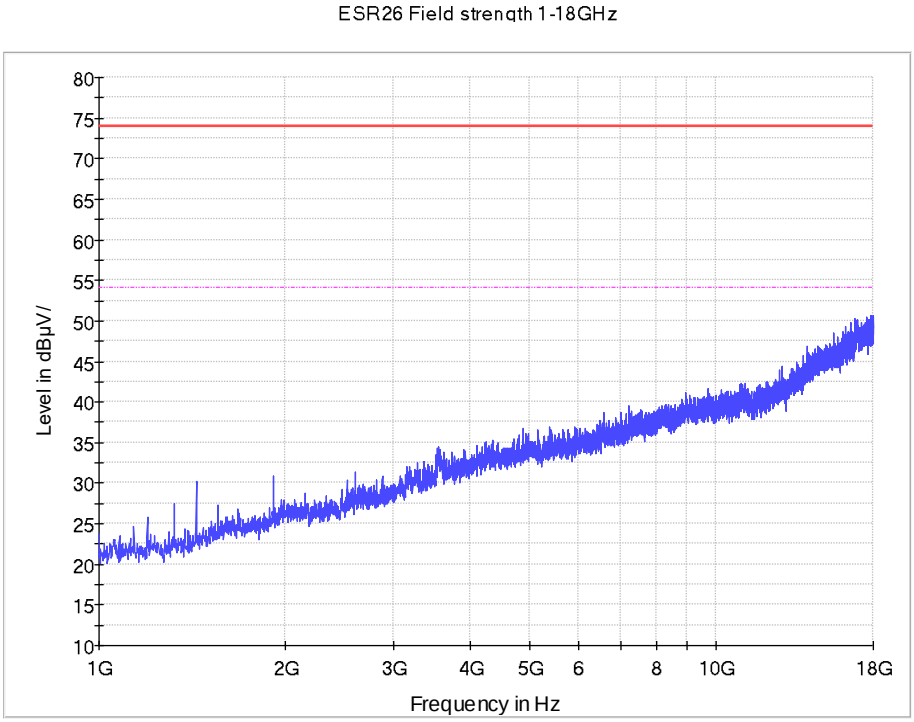
Vertical



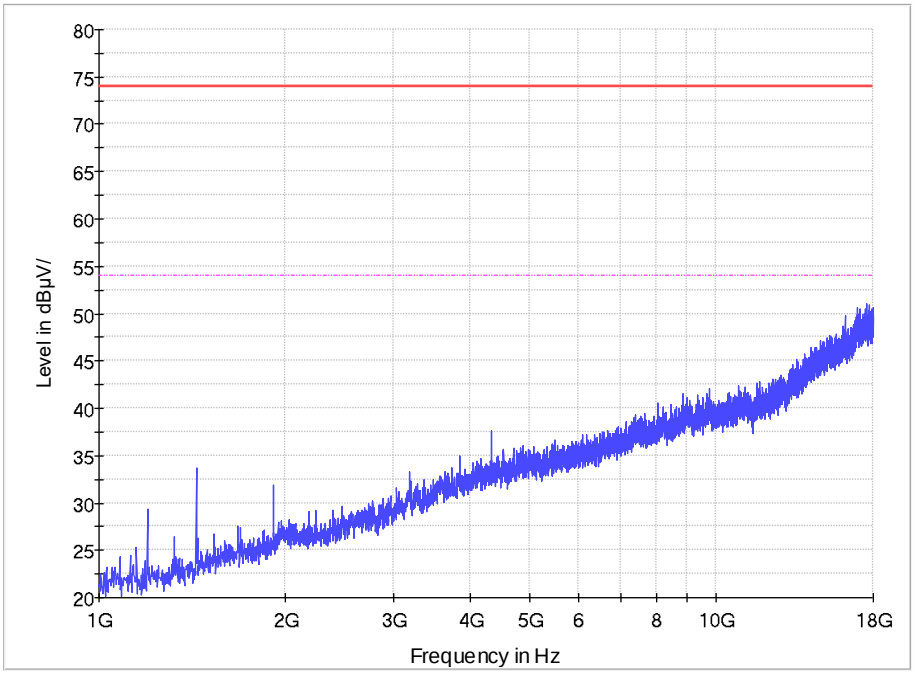
Test Mode 2

1GHz-18GHz

Horizontal



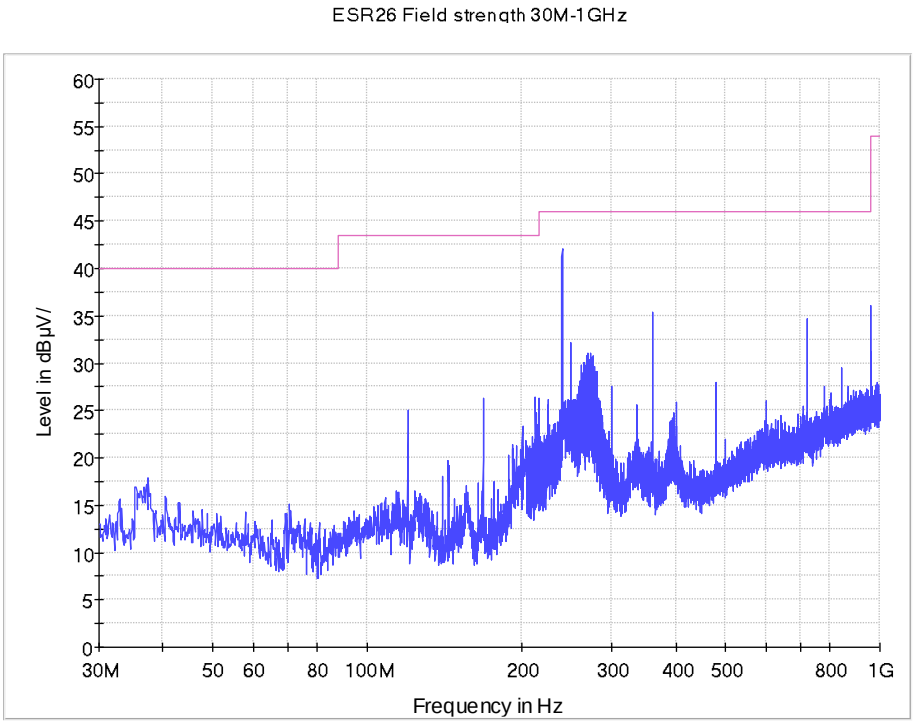
Vertical



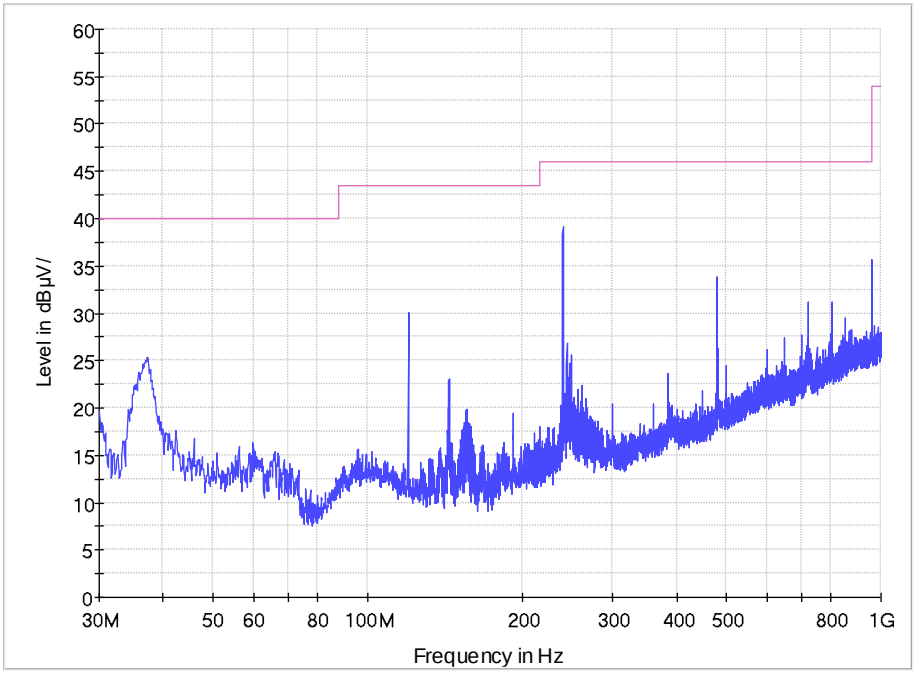
Test Mode 3

30MHz-1GHz

Horizontal



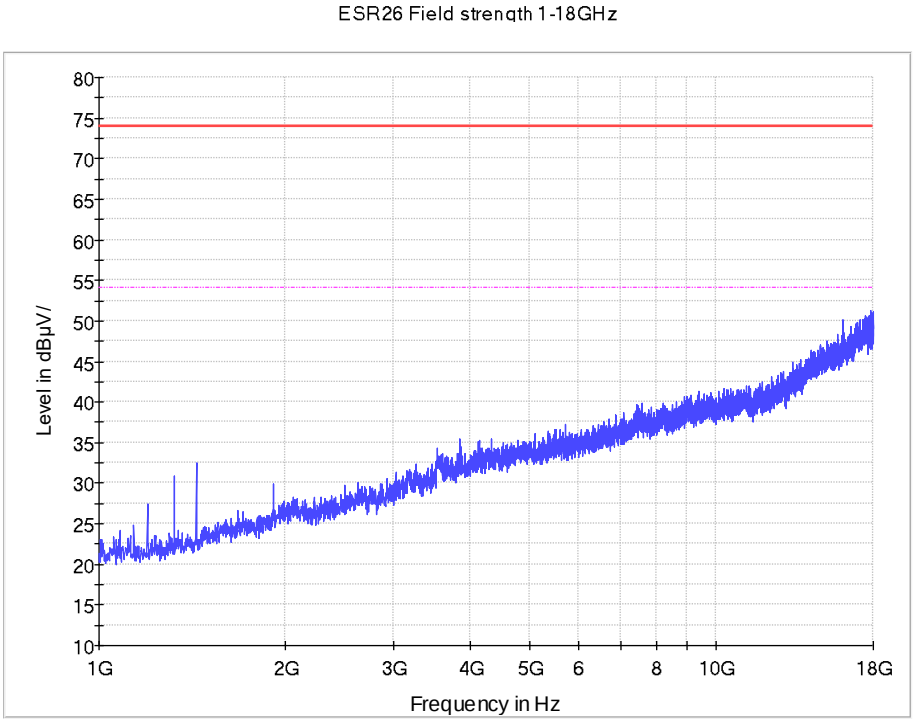
Vertical



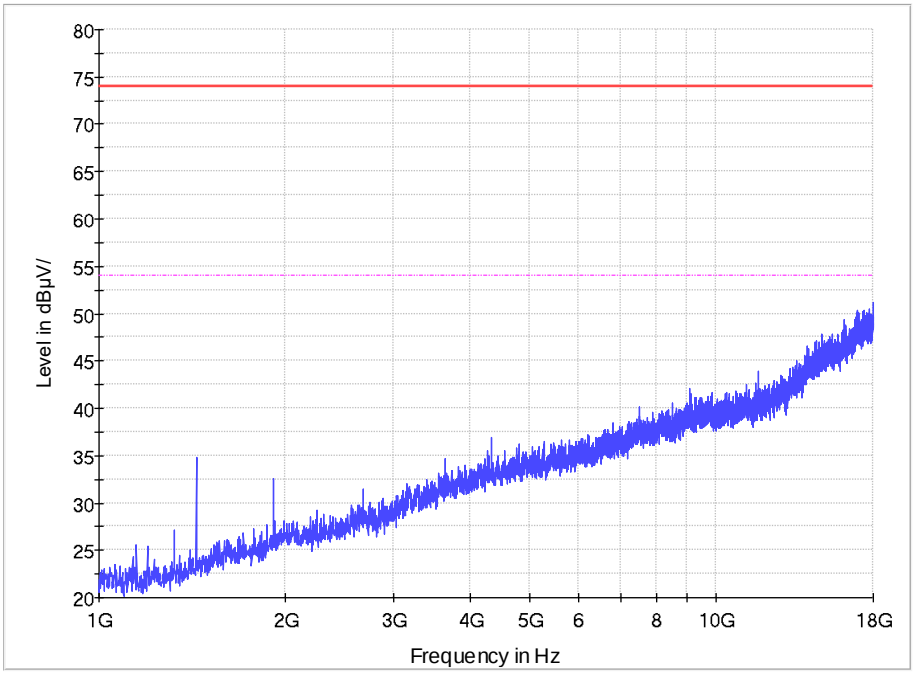
Test Mode 3

1GHz-18GHz

Horizontal



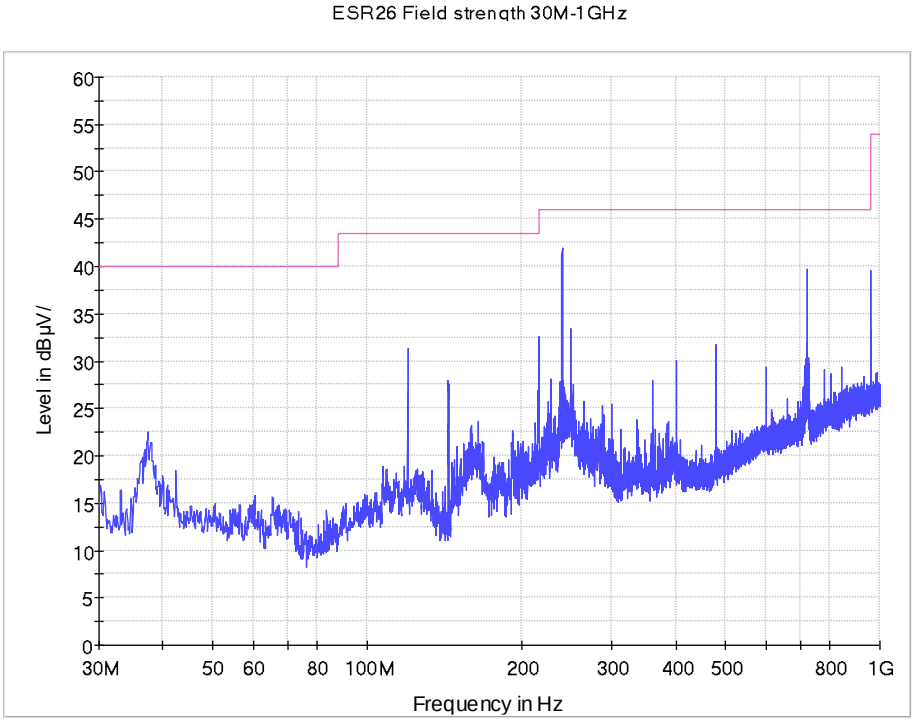
Vertical



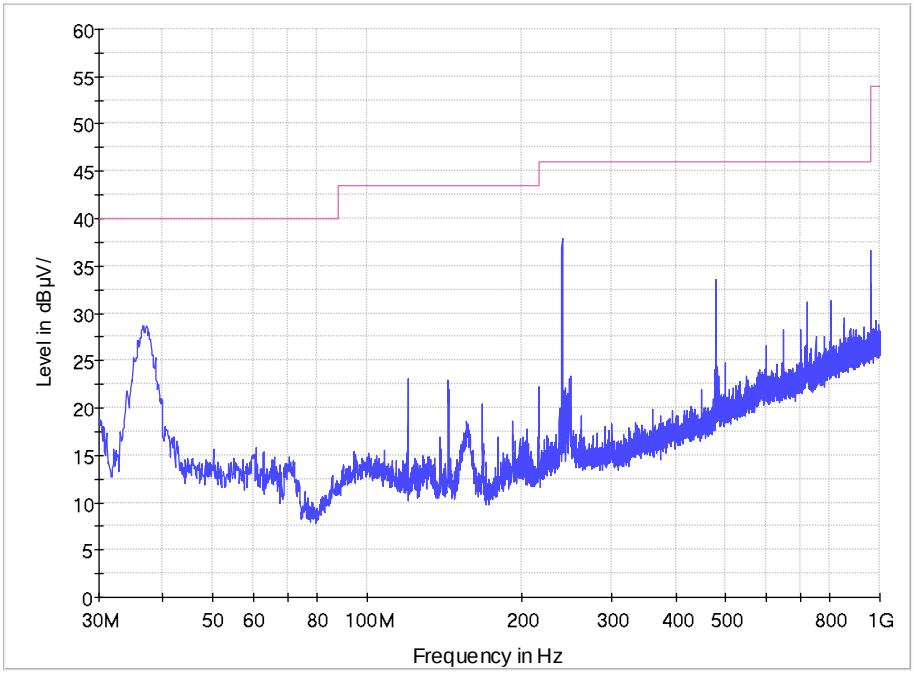
Test Mode 4

30MHz-1GHz

Horizontal



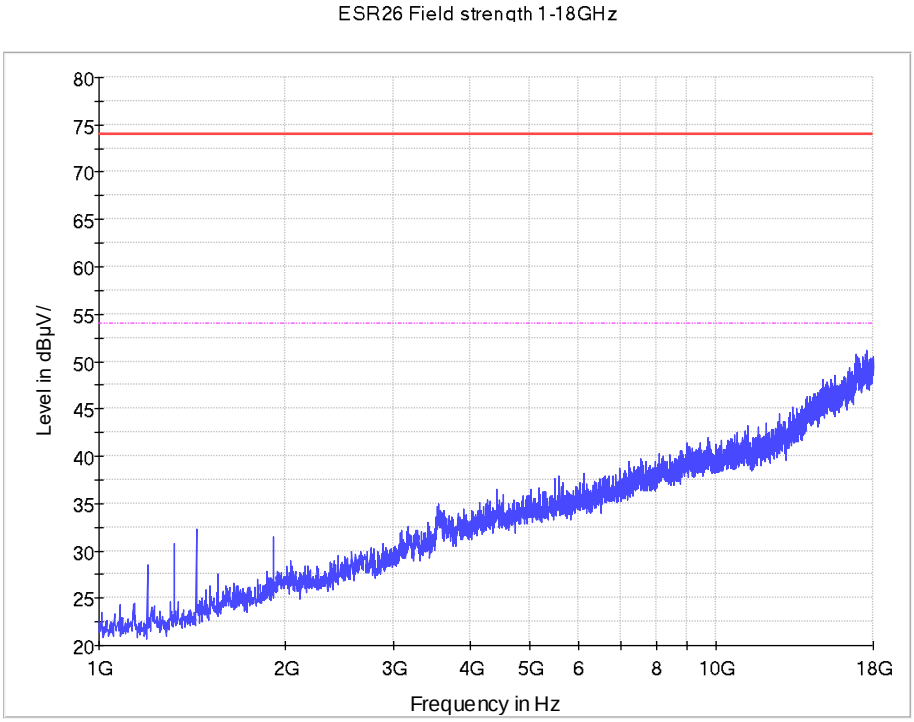
Vertical



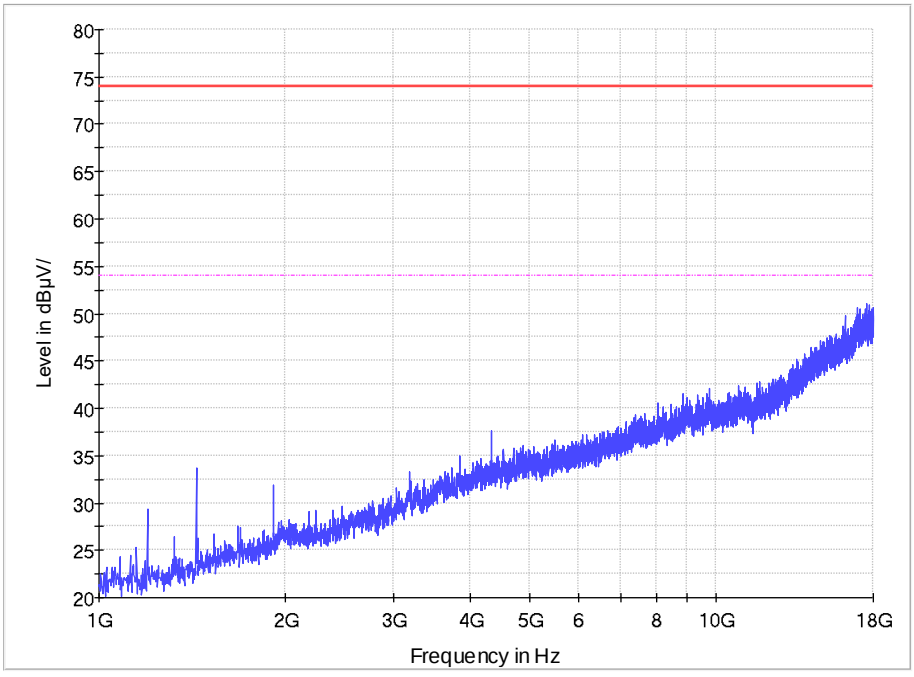
Test Mode 4

1GHz-18GHz

Horizontal



Vertical



7. APPENDIX I PRODUCT EQUALITY DECLARATION

Product Equality Declaration

We: FAMOCO SAS, declare on our sole responsibility the differences between the hardware revision of **NFC Android Validator** products.

The new models of **NFC Android Validator** are:

- FX925SF-ING-VWDC-PRE,011P
- FX925SF-ING-VPDC-PRE,011P
- FX925SF-ING-VWDC-PRE,010P
- FX925SF-ING-VPDC-PRE,010P

All parts of hardware revision: FX925F-P.

NFC Android Validator models are made of two parts, a Front Casing, and a Back Casing. The composition of each model is described below.

Models	Front Casing Models	Back Casing Models
FX925SF-ING-VWDC-PRE,011P	FC-FX925SF-ING-PRE,0112	BC-VWDC-P366C,4
FX925SF-ING-VPDC-PRE,011P	FC-FX925SF-ING-PRE,0112	BC-VPDC-P366C,4
FX925SF-ING-VWDC-PRE,010P	FC-FX925SF-ING-PRE,0102	BC-VWDC-P366C,4
FX925SF-ING-VPDC-PRE,010P	FC-FX925SF-ING-PRE,0102	BC-VPDC-P366C,4

The original models of **NFC Android Validator** are:

- FX925F PM
- FX925F WM

All parts of hardware revision: FX925F,1

They are also made of two parts, a Front Casing and a Back Casing. The composition of each model is described below.

Models	Front Casing Models	Back Casing Models
FX925F WM	FC-FX925SF-ING-PRE,0112	BC-VWDC-P366C,2
FX925F PM	FC-FX925SF-ING-PRE,0112	BC-VPDC-P366C,2

Differences between **NFC Android Validator** hardware revisions FX925F,1 and FX925F-P are listed below.

To identify product pieces described below products exploded views are at the end of this document.

Table 1: List of differences between the two Front Casing versions of NFC Android Validators FC-FX925SF-ING-PRE,0112 *and* FC-FX925SF-ING-PRE,0102*:*

#	Differences	FC-FX925SF-ING-PRE,0112	FC-FX925SF-ING-PRE,0102
#1	Battery	• 1 Smartphone battery	• No smartphone battery

Table 2: List of differences between the two Back Casing versions of NFC Android Validators BC-VWDC-P447C,4 and BC-VPDC-P447C,4:

#	Differences	BC-VWDC-P366C,4	BC-VPDC-P366C,4
#1	Mechanical parts	• Wall mount	• Pole mount

Table 3:List of differences between the NFC Android Validator Back Casings Wall BC-VWDC-P366C,2 *and* BC-VWDC-P366C,4*:*

#	Differences	NFC Android Validator BC-VWDC-P366C,2	NFC Android Validator BC-VWDC-P366C,4
#1	PCBA POWER	• PCBA PWR V18 with ferrites on cables	• PCBA PWR V07

Table 4:List of differences between the NFC Android Validator Back Casing Pole BC-VPDC-P366C,4 *and* BC-VPDC-P366C,4*:*

#	Differences	NFC Android Validator BC-VPDC-P366C,2	NFC Android Validator BC-VPDC-P366C,4
#1	PCBA PWR	• PCBA PWR V18 with ferrites on cables	• PCBA PWR V07

Table 5:List of differences between the FX925SF-ING-VWDC-PRE,011P,FX925SF-ING-VWDC-PRE,010P FX925SF-ING-VPDC-PRE,011P,FX925SF-ING-VPDC-PRE,010P,and FX925F WM,FX925F PM

Models	Software version
FX925SF-ING-VWDC-PRE,011P,FX925SF-ING-VWDC-PRE,010P FX925SF-ING-VPDC-PRE,011P,FX925SF-ING-VPDC-PRE,010P	MOLY.LR12A.R2.MP.V44.1.P1
FX925F WM,FX925F PM	MOLY.LR12A.R2.MP.V44.1

----------End of Report ----------