

TEST REPORT

FCC ID: 2ADYY-WP0150TA-AH**Product: Magnetic Wireless Power Bank****Model No.: WP0150TA****Trade Mark: TECNO****Report No.: WSCT-ANAB-R&E250400028A-15B****Issued Date: 29 April 2025****Issued for:****TECNO MOBILE LIMITED****FLAT N 16/F BLOCK B UNIVERSAL INDUSTRIAL CENTRE 19-25 SHAN MEI
STREET FOTAN NT HONGKONG****Issued By:****World Standardization Certification & Testing Group(Shenzhen) Co.,Ltd.
Building A-B,Baoli'an Industrial Park,No.58 and 60,Tangtou Avenue, Shiyao
Street, Bao'an District, Shenzhen City, Guangdong Province, China****TEL: +86-755-26996192****FAX: +86-755-86376605**

Note: This report shall not be reproduced except in full, without the written approval of World Standardization Certification & Testing Group (Shenzhen) Co., Ltd. This document may be altered or revised by World Standardization Certification & Testing Group (Shenzhen) Co., Ltd. personnel only, and shall be noted in the revision section of the document. The test results in the report only apply to the tested sample.



TABLE OF CONTENTS

1. Test Certification	3
2. GENERAL DESCRIPTION OF EUT	4
3. Test Result Summary	5
4. TEST METHODOLOGY	6
4.1. CONFIGURATION OF SYSTEM UNDER TEST	7
4.2. DESCRIPTION OF SUPPORT UNITS (CONDUCTED MODE)	8
5. MEASUREMENT INSTRUMENTS	9
6. Facilities and Accreditations	10
6.1. FACILITIES	10
6.2. ACCREDITATIONS	10
6.3. MEASUREMENT UNCERTAINTY	11
7. EMC EMISSION TEST	12
7.1. CONDUCTED EMISSION MEASUREMENT	12
7.2. TEST RESULTS	14
7.3. RADIATED EMISSION MEASUREMENT	16
8. Test Setup Photographs	21

Report No.: WSCT-ANAB-R&E250400028A-15B

1. Test Certification

Product:	Magnetic Wireless Power Bank
Model No.:	WP0150TA
Additional Model:	TECNO
Applicant:	TECNO MOBILE LIMITED FLAT N 16/F BLOCK B UNIVERSAL INDUSTRIAL CENTRE 19-25 SHAN MEI STREET FOTAN NT HONGKONG
Manufacturer:	TECNO MOBILE LIMITED FLAT N 16/F BLOCK B UNIVERSAL INDUSTRIAL CENTRE 19-25 SHAN MEI STREET FOTAN NT HONGKONG
Date of Test:	09 April 2025 to 28 April 2025
Applicable Standards:	FCC CFR Title 47 Part 15 Subpart B

The above equipment has been tested by World Standardization Certification & Testing Group (Shenzhen) Co., Ltd. and found compliance with the requirements set forth in the technical standards mentioned above. The results of testing in this report apply only to the product, which was tested. Other similar equipment will not necessarily produce the same results due to production tolerance and measurement uncertainties.

Tested By:

Jiang Guanliang
(Jiang Guanliang)

Checked By:

Li Shuiqun
(Qin Shuiquan)

Approved By:

Li Huaibi
(Li Huaibi)

Date:

29 April 2025

Report No.: WSCT-ANAB-R&E250400028A-15B

2. GENERAL DESCRIPTION OF EUT

Product Name:	Magnetic Wireless Power Bank
Model:	WP0150TA
Trade Mark:	TECNO
Software Version	V3.0
Hardware Version	V1.5
Operating Voltage:	Magnetic Wireless Power Bank: WP0150TA Wireless charging Power: 5W/7.5W/10W/15W Battery Capacity: 5000mAh/19.35Wh Input: Type-C: 5V-3A or 9V-2A Output: Type-C: 5V-3A or 9V-2.22A or 12V-1.67A Rated Capacity: 3000mAh(5V-2A) Li-ion Polymer Battery: 616172PV Nominal Voltage: 3.87V Rated capacity: 5000mAh/19.35Wh
Remark:	N/A.

Note: 1. N/A stands for no applicable.

Report No.: WSCT-ANAB-R&E250400028A-15B

3. Test Result Summary

Requirement	CFR 47 Section	Result
CONDUCTED EMISSION	§15.107	PASS
RADIATED EMISSION	§15.109	PASS

Note:

1. PASS: Test item meets the requirement.
2. Fail: Test item does not meet the requirement.
3. N/A: Test case does not apply to the test object.
4. The test result judgment is decided by the limit of test standard.

Report No.: WSCT-ANAB-R&E250400028A-15B

4. TEST METHODOLOGY

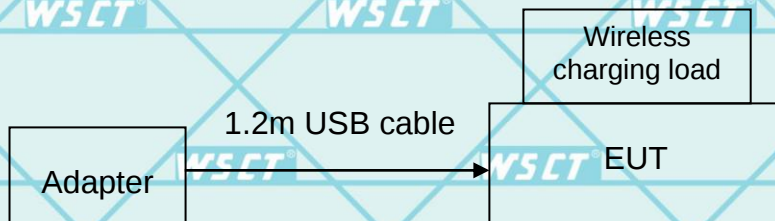
To investigate the maximum EMI emission characteristics generates from EUT, the test system was pre-scanning tested base on the consideration of following EUT operation mode or test configuration mode which possible have effect on EMI emission level. Each of these EUT operation mode(s) or test configuration mode(s) mentioned above was evaluated respectively.

Pretest Mode	Description
Mode 1	Wireless charging
Model 2	Idel

Report No.: WSCT-ANAB-R&E250400028A-15B

4.1. CONFIGURATION OF SYSTEM UNDER TEST

Mode 1



Mode 2:



(EUT: Magnetic Wireless Power Bank)

I/O Port of EUT			
I/O Port Type	Q'TY	Cable	Tested with
Power	1	1.2m USB cable, unshielded	1

Report No.: WSCT-ANAB-R&E250400028A-15B

4.2. DESCRIPTION OF SUPPORT UNITS (CONDUCTED MODE)

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

Item	Equipment	Mfr/Brand	Model/Type No.	Series No.	Note
1	Adapter	/	XCU32	/	/
2	Wireless charging load	/	AN236	/	/

Note:

- (1) The support equipment was authorized by Declaration of Confirmation.
- (2) For detachable type I/O cable should be specified the length in cm in 『Length』 column.

Report No.: WSCT-ANAB-R&E250400028A-15B

5. MEASUREMENT INSTRUMENTS

Kind of Equipment	Manufacturer	Type No.	Serial No.	Last Calibrated	Calibrated until
Test software	--	EZ-EMC	CON-03A	--	--
ESCI Test Receiver	R&S	ESCI	100005	11/05/2024	11/04/2025
LISN	AFJ	LS16	16010222119	11/05/2024	11/04/2025
LISN(EUT)	Mestec	AN3016	04/10040	11/05/2024	11/04/2025
pre-amplifier	CDSI	PAP-1G18-38	--	11/05/2024	11/04/2025
System Controller	CT	SC100	-	11/05/2024	11/04/2025
Bi-log Antenna	Chase	CBL6111C	2576	11/05/2024	11/04/2025
Spectrum analyzer	R&S	FSU26	200409	11/05/2024	11/04/2025
Horn Antenna	SCHWARZBECK	9120D	1141	11/05/2024	11/04/2025
Bi-log Antenna	SCHWARZBECK	VULB9168	01488	7/29/2024	7/28/2025
Pre Amplifier	H.P.	HP8447E	2945A02715	11/05/2024	11/04/2025
9*6*6 Anechoic	--	--	--	11/05/2024	11/04/2025

Report No.: WSCT-ANAB-R&E250400028A-15B

6. Facilities and Accreditations

6.1. Facilities

All measurement facilities used to collect the measurement data are located at **Building A-B, Baoli'an Industrial Park, No.58 and 60, Tangtou Avenue, Shiyao Street, Bao'an District, Shenzhen City, Guangdong Province, China** of the World Standardization Certification & Testing Group (Shenzhen) Co., Ltd.

The sites are constructed in conformance with the requirements of ANSI C63.4 and CISPR Publication 22. All receiving equipment conforms to CISPR Publication 16-1, "Radio Interference Measuring Apparatus and Measurement Methods."

6.2. ACCREDITATIONS

ANAB - Certificate Number: AT-3951

The EMC Laboratory has been accredited by the American Association for Laboratory Accreditation (ANAB). Certification Number: AT-3951

6.3. Measurement Uncertainty

The reported uncertainty of measurement $y \pm U$, where expanded uncertainty U is based on a standard uncertainty multiplied by a coverage factor of $k=2$, providing a level of confidence of approximately 95 %.

No.	Item	MU
1	Conducted Emission Test	$\pm 3.2\text{dB}$
2	RF power, conducted	$\pm 0.16\text{dB}$
3	Spurious emissions, conducted	$\pm 0.21\text{dB}$
4	All emissions, radiated(<1GHz)	$\pm 3.3\text{dB}$
5	All emissions, radiated(>1GHz)	$\pm 4.7\text{dB}$
6	Temperature	$\pm 0.5^{\circ}\text{C}$
7	Humidity	$\pm 2.0\%$

7. EMC EMISSION TEST

7.1. CONDUCTED EMISSION MEASUREMENT

7.1.1. POWER LINE CONDUCTED EMISSION LIMITS

FREQUENCY (MHz)	Class A (dBuV)		Class B (dBuV)		Standard
	Quasi-peak	Average	Quasi-peak	Average	
0.15 -0.5	79.00	66.00	66 - 56 *	56 - 46 *	FCC
0.50 -5.0	73.00	60.00	56.00	46.00	FCC
5.0 -30.0	73.00	60.00	60.00	50.00	FCC

Note:

- (1) The tighter limit applies at the band edges.
- (2) The limit of " * " marked band means the limitation decreases linearly with the logarithm of the frequency in the range.

The following table is the setting of the receiver

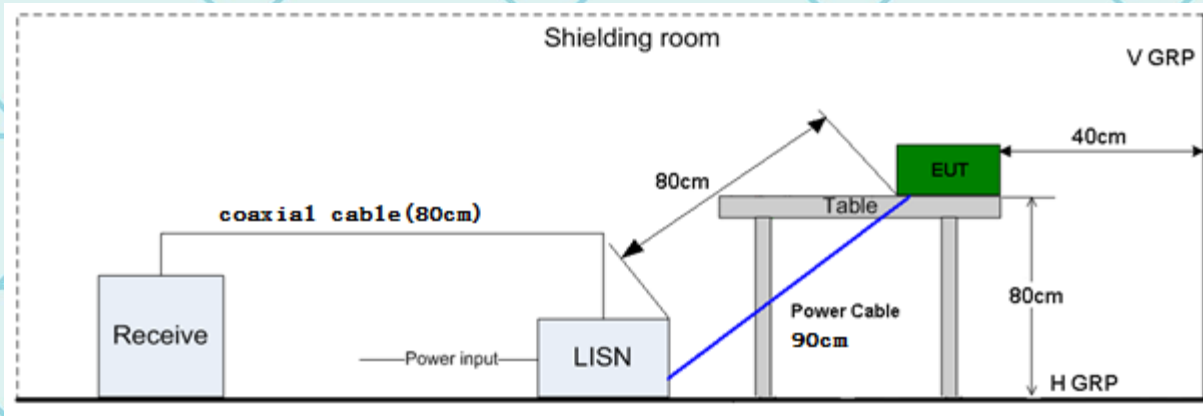
Receiver Parameters	Setting
Attenuation	10 dB
Start Frequency	0.15 MHz
Stop Frequency	30 MHz
IF Bandwidth	9 kHz

Report No.: WSCT-ANAB-R&E250400028A-15B

TEST PROCEDURE

- The EUT was placed 0.4 meters from the horizontal ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipments powered from additional LISN(s). The LISN provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.
- Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.
- I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
- LISN at least 80 cm from nearest part of EUT chassis.
- For the actual test configuration, please refer to the related Item –EUT Test Photos.

TEST SETUP

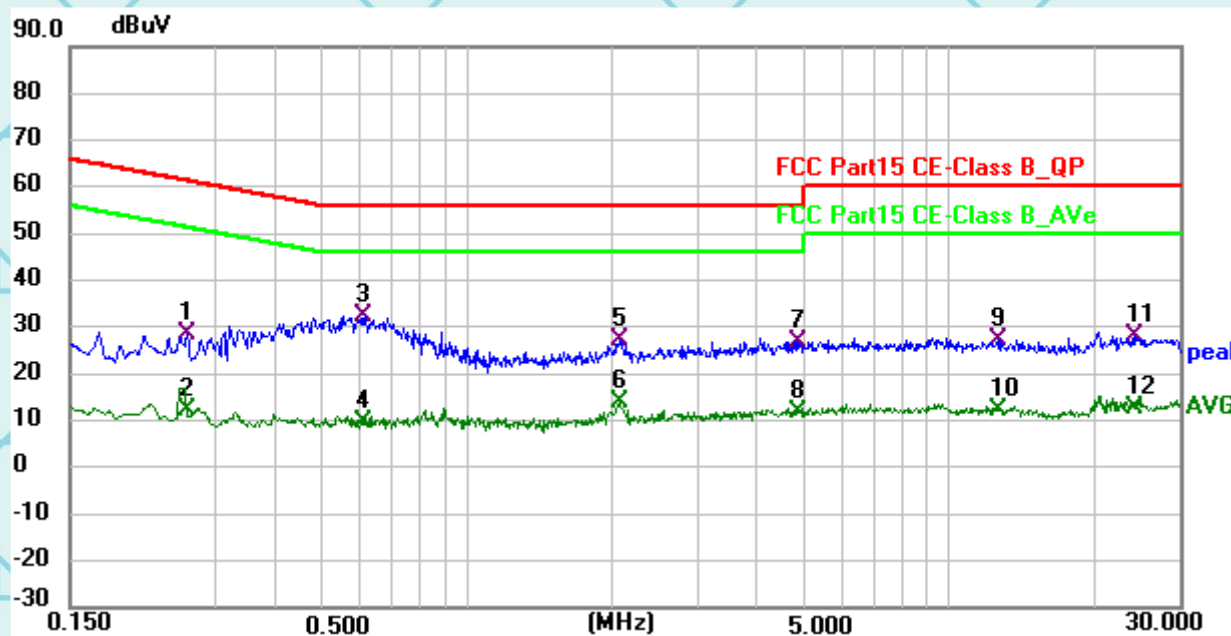


Report No.: WSCT-ANAB-R&E250400028A-15B

7.2. Test Results

Temperature	20 °C	Relative Humidity	48%
Pressure	1010 hPa	Test Mode	Mode 1(the worst case)

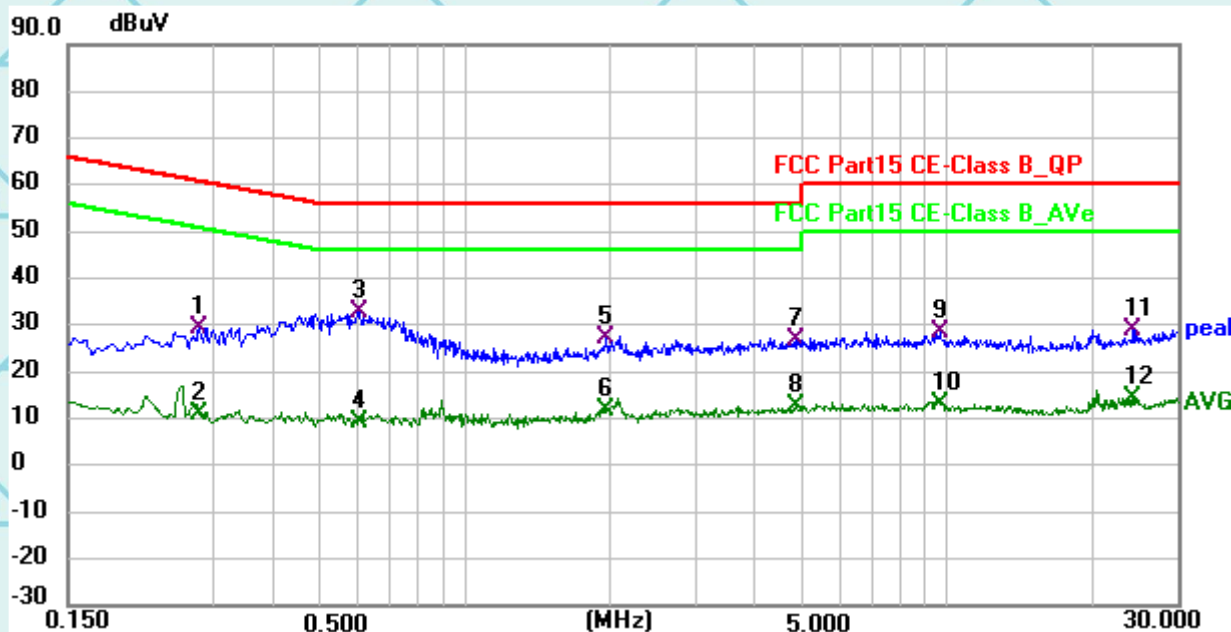
Conducted Emission on Line Terminal of the power line (150 kHz to 30MHz)



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.2625	7.83	20.65	28.48	61.35	-32.87	QP
2	0.2625	-8.42	20.65	12.23	51.35	-39.12	AVG
3 *	0.6134	11.75	20.53	32.28	56.00	-23.72	QP
4	0.6134	-10.87	20.53	9.66	46.00	-36.34	AVG
5	2.0670	6.49	20.61	27.10	56.00	-28.90	QP
6	2.0670	-6.60	20.61	14.01	46.00	-31.99	AVG
7	4.8525	6.21	20.57	26.78	56.00	-29.22	QP
8	4.8525	-8.69	20.57	11.88	46.00	-34.12	AVG
9	12.6150	6.84	20.30	27.14	60.00	-32.86	QP
10	12.6150	-8.06	20.30	12.24	50.00	-37.76	AVG
11	24.2430	7.67	20.55	28.22	60.00	-31.78	QP
12	24.2430	-7.80	20.55	12.75	50.00	-37.25	AVG

Report No.: WSCT-ANAB-R&E250400028A-15B

Conducted Emission on Neutral Terminal of the power line (150 kHz to 30MHz)



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.2803	8.51	20.64	29.15	60.81	-31.66	QP
2	0.2803	-9.72	20.64	10.92	50.81	-39.89	AVG
3 *	0.6000	12.07	20.52	32.59	56.00	-23.41	QP
4	0.6000	-11.35	20.52	9.17	46.00	-36.83	AVG
5	1.9680	6.56	20.61	27.17	56.00	-28.83	QP
6	1.9680	-8.73	20.61	11.88	46.00	-34.12	AVG
7	4.8525	6.03	20.57	26.60	56.00	-29.40	QP
8	4.8525	-7.73	20.57	12.84	46.00	-33.16	AVG
9	9.6630	8.05	20.46	28.51	60.00	-31.49	QP
10	9.6630	-7.34	20.46	13.12	50.00	-36.88	AVG
11	24.3105	8.40	20.55	28.95	60.00	-31.05	QP
12	24.3105	-5.99	20.55	14.56	50.00	-35.44	AVG

Note1:

Freq. = Emission frequency in MHz

Reading level (dBuV) = Receiver reading

Corr. Factor (dB) = LISN Factor + Cable loss

Measurement (dBuV) = Reading level (dBuV) + Corr. Factor (dB)

Limit (dBuV) = Limit stated in standard

Margin (dB) = Measurement (dBuV) – Limits (dBuV)

Q.P. =Quasi-Peak AVG =average

* is meaning the worst frequency has been tested in the frequency range 150 kHz to 30MHz.

7.3. RADIATED EMISSION MEASUREMENT

7.3.1. Radiated Emission Limits

The field strength of radiated emissions from unintentional radiators at a distance of 3 meters shall not exceed the following values:

Frequencies (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
0.009~0.490	2400/F(KHz)	300
0.490~1.705	24000/F(KHz)	30
1.705~30.0	30	30
30~88	100	3
88~216	150	3
216~960	200	3
Above 960	500	3

Receiver Parameter	Setting
Attenuation	Auto
Start ~ Stop Frequency	9kHz~150kHz / RB 200Hz for QP
Start ~ Stop Frequency	150kHz~30MHz / RB 9kHz for QP
Start ~ Stop Frequency	30MHz~1000MHz / RB 120kHz for QP

Report No.: WSCT-ANAB-R&E250400028A-15B

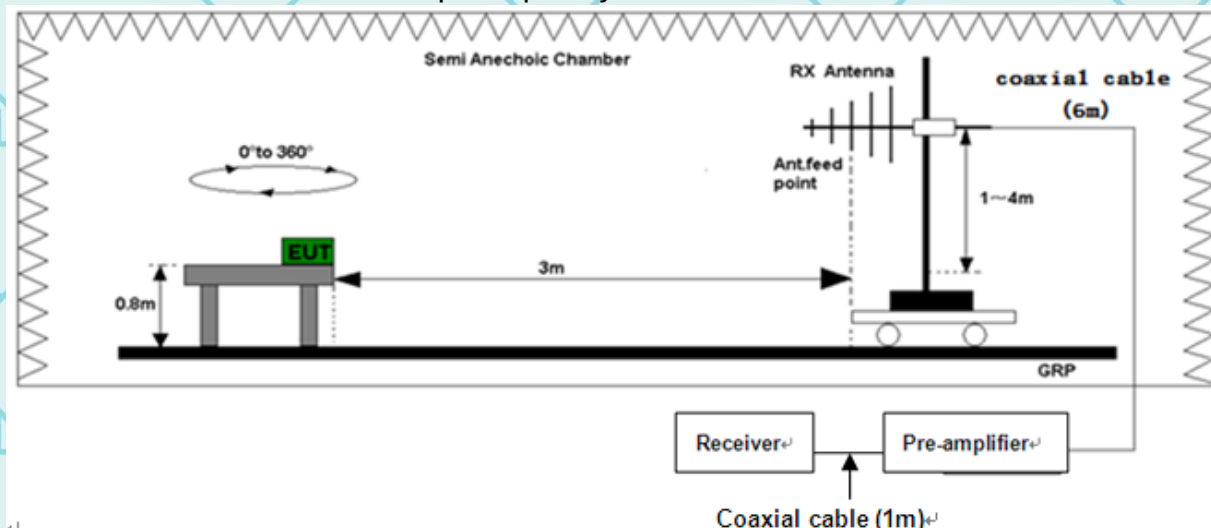
TEST PROCEDURE

- a. The measuring distance of at 3 m shall be used for measurements at frequency up to 1GHz. For frequencies above 1GHz, any suitable measuring distance may be used.
- b. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter open area test site. The table was rotated 360 degrees to determine the position of the highest radiation.
- c. The height of the equipment or of the substitution antenna shall be 0.8 m; the height of the test antenna shall vary between 1 m to 4 m. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. The initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
- e. If the Peak Mode measured value compliance with and lower than Quasi Peak Mode Limit, the EUT shall be deemed to meet QP Limits and then no additional QP Mode measurement performed.
- f. For the actual test configuration, please refer to the related Item –EUT Test Photos.

Report No.: WSCT-ANAB-R&E250400028A-15B

TEST SETUP

(A) Radiated Emission Test-Up Frequency 30MHz~1GHz



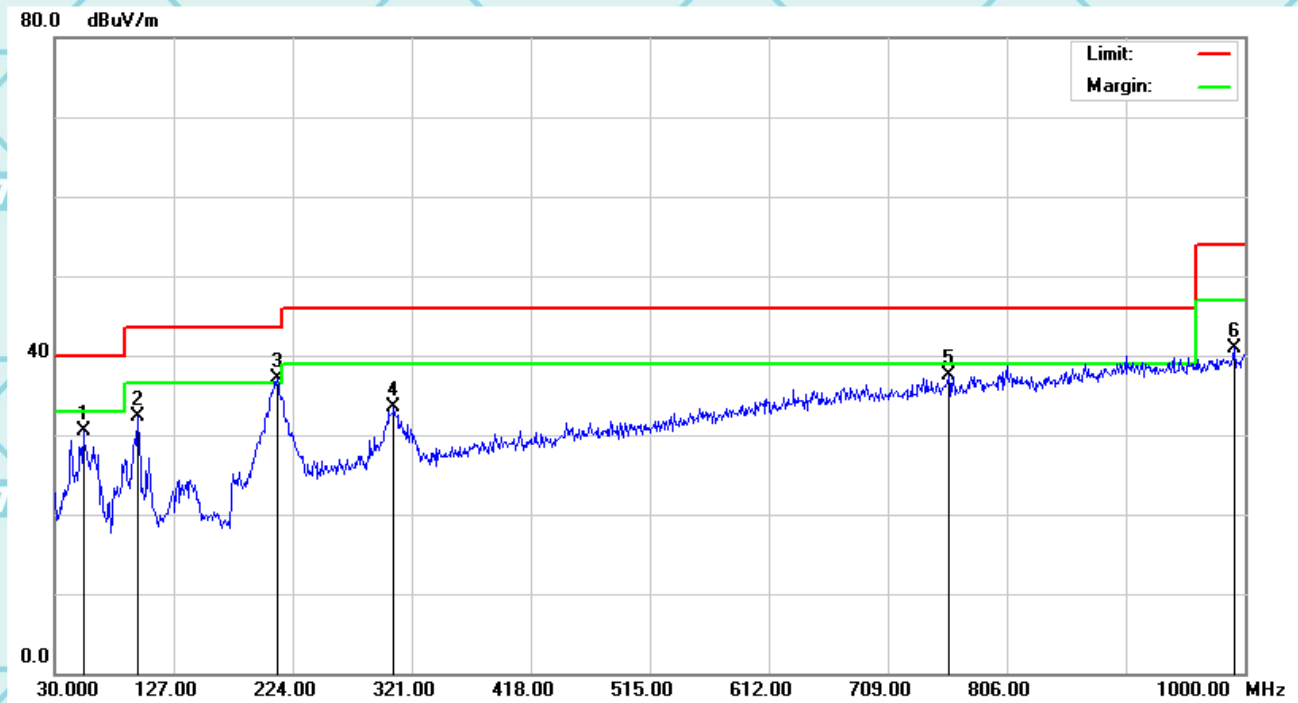
Report No.: WSCT-ANAB-R&E250400028A-15B

7.3.2. Test Results

Temperature	20 °C	Relative Humidity	48%
Pressure	1010 hPa	Test Mode	Mode 1(the worst case)

Please refer to following diagram for individual
Below 1GHz

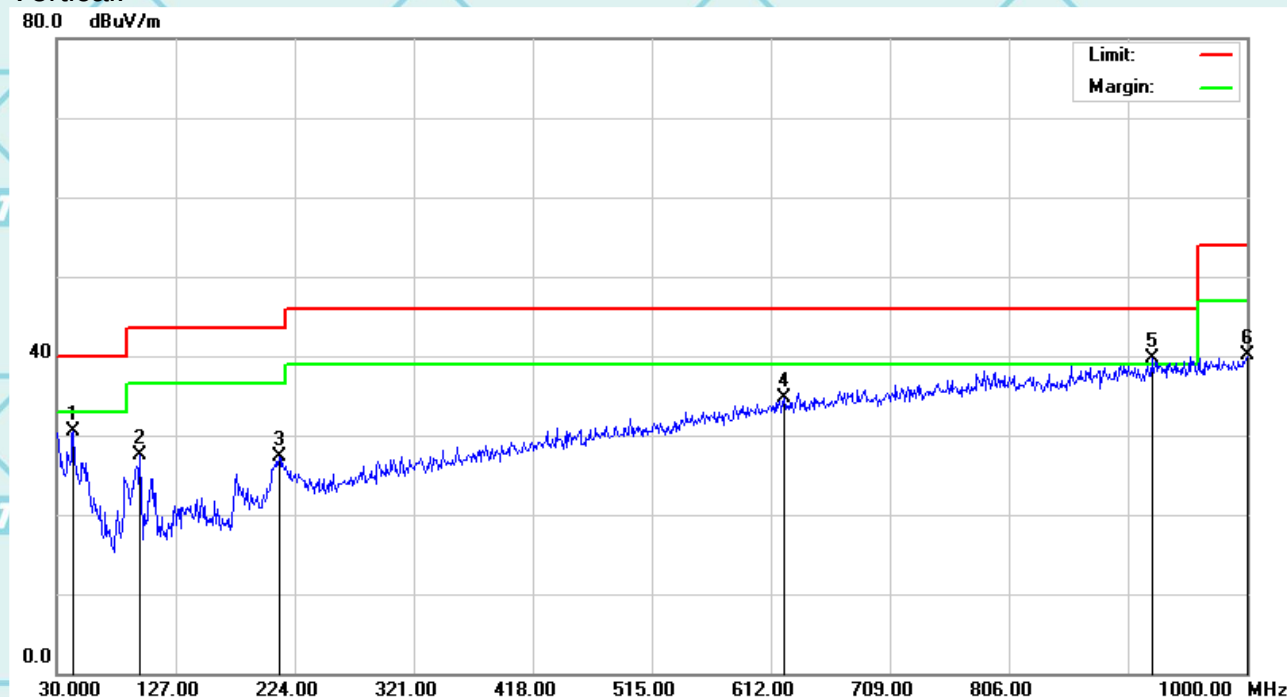
Horizontal:



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1		53.2800	37.24	-6.83	30.41	40.00	-9.59	QP
2		97.9000	43.10	-10.72	32.38	43.50	-11.12	QP
3	*	211.3900	40.48	-3.42	37.06	43.50	-6.44	QP
4		306.4500	33.27	0.22	33.49	46.00	-12.51	QP
5		758.4699	27.07	10.49	37.56	46.00	-8.44	QP
6		991.2700	26.45	14.40	40.85	54.00	-13.15	QP

Report No.: WSCT-ANAB-R&E250400028A-15B

Vertical:



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1		43.5800	51.05	-20.52	30.53	40.00	-9.47	QP
2		97.9000	47.79	-20.21	27.58	43.50	-15.92	QP
3		211.3900	46.92	-19.63	27.29	43.50	-16.21	QP
4		622.6700	52.24	-17.61	34.63	46.00	-11.37	QP
5	*	922.4000	55.55	-15.82	39.73	46.00	-6.27	QP
6		1000.000	55.30	-15.27	40.03	54.00	-13.97	QP

Note1:

Freq. = Emission frequency in MHz

Reading level (dBuV) = Receiver reading

Corr. Factor (dB) = Antenna factor + Cable loss - Amplifier factor.

Measurement (dBuV) = Reading level (dBuV) + Corr. Factor (dB)

Limit (dBuV) = Limit stated in standard

Margin (dB) = Measurement (dBuV) - Limits (dBuV)

Report No.: WSCT-ANAB-R&E250400028A-15B

8. Test Setup Photographs

Please refer to Annex "Set Up Photos-15B" for test setup photos

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