

ELECTROMAGNETIC EMISSIONS COMPLIANCE REPORT



EUT Description: Charger for Wellness Ring
FCC Applicant: Oura Health Oy
Elektroniikkatie 10 FI-90590 Oulu, Finland
FCC Manufacturer: Oura Health Oy
Elektroniikkatie 10 FI-90590 Oulu, Finland
Brand Name: OURA
Model No.: OA20
Report Number: TERF2509002816E2
FCC ID 2AD7V-OURA2501
Date of EUT Received: September 4, 2025
Date of Test: September 16, 2025 ~ September 25, 2025
Issue Date: October 7, 2025

Approved By _____

Vito Pei

We hereby certify that:

The above equipment was tested by SGS Taiwan Ltd. Central RF Lab. The test data, data evaluation, test procedures, and equipment configurations shown in this report were made in accordance with the procedures given in ANSI C63.10 and the energy emitted by the sample EUT comply with FCC rule part §15C.

The results of this report relate only to the sample identified in this report.

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f (886-2) 2298-0488

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Revision History

Report Number	Revision	Description	Issue Date	Revised By	Remark
TERF2509002816E2	00	Original	October 7, 2025	Yuri Tsai	

Note:

- 1、The remark "" indicates modification of the report upon requests from certification body.

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1 GENERAL INFORMATION

1.1 Product Description

EUT Description:	Charger for Wellness Ring
Brand Name:	OURA
Model No.:	OA20
Hardware Version:	EVT 2
Firmware Version:	1.0.0
EUT Series No.:	OC1VNE158190005B
Power Supply:	3.89 Vdc
Test Software (Name/Version):	Default(Charge the EUT)

1.2 RF Specification

Technology:	Wireless Power Transfer
Operating Frequency	6.78 MHz
FCC Transmit Power	1.53 dBuV/m at 30m.
Number of Channels	1
Antenna Type	Coil

Note:

1. The antenna information is provided by the applicant, and the laboratory shall not be held liable for the accuracy, completeness, or reliability of any applicant-supplied data.
2. The antenna complies with part 15.203 requirement and no consideration of replacement. Please see EUT photo for details.

1.3 EUT Availability and The Worst Test Modes

The EUT stay in continuous transmitting mode. The frequency is the default channel to test, where it is the only manipulative channel as this application supports.

The field strength of radiated emission was measured as the EUT positioned in different orthogonal planes (E1/E2/H) based on actual usage of the EUT to pre-scan the emissions for determining the worst case scenario.

There are a total of 12 sizes of the EUT, ranging from #4 to #15. After evaluation, size #5 was the worst case to present the data, with the paired ring carrying FCC ID: A3LSMQ503.

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2 SUMMARY OF TEST RESULTS

FCC Rules	Description Of Test	Result
§15.207	AC Power Line Conducted Emission	Compliant
§15.205 §15.209	Field Strength and Unwanted Emissions	Compliant
§15.215 (c)	Emission Bandwidth	Compliant
§15.203	Antenna Requirement	Compliant

2.1 Test Methodology

FCC Part 15, Subpart C
ANSI C63.10:2020

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2.2 Measurement Uncertainty

Test Items	Uncertainty
AC Power Line Conducted Emission	+/- 1.54 dB
Frequency Stability	+/- 1.48 Hz
Emission Bandwidth	+/- 1.38 Hz
Temperature	+/- 0.6 °C
Humidity	+/- 3 %
DC / AC Power Source	+/- 1 %

Radiated Spurious Emission Measurement Uncertainty			
Polarization: Vertical	+/-	1.89 dB	9kHz~30MHz
	+/-	4.1 dB	30MHz - 1000MHz
	+/-	3.37 dB	1GHz - 18GHz
	+/-	3.83 dB	18GHz - 40GHz
Polarization: Horizontal	+/-	1.89 dB	9kHz~30MHz
	+/-	4.1 dB	30MHz - 1000MHz
	+/-	3.37 dB	1GHz - 18GHz
	+/-	3.83 dB	18GHz - 40GHz
Radiated Spurious Emission	+/-	2 dB	33GHz-50GHz
	+/-	1.59 dB	50GHz-60GHz
	+/-	1.71 dB	60GHz-90GHz
	+/-	1.64 dB	90GHz-140GHz
	+/-	3.84 dB	140GHz-220GHz

Note:

1. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.
2. The conformity assessment statement in this report is based solely on the test results, measurement uncertainty is excluded.

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2.3 Test Facility

Laboratory	Test Site Address	Test Site Name	FCC Designation Number / Registration Number	IC CAB identifier
SGS Taiwan Ltd. Central RF Lab. (TAF code 3702)	No.134, Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan.	SAC 1	TW0027 / 891563	TW3702
		SAC 2		
		SAC 3		
		Conduction 1		
		Conducted 1		
		Conducted 2		
		Conducted 3		
		Conducted 4		
		Conducted 5		
		Conducted 6		
	No.2, Keji 1st Rd., Guishan District, Taoyuan City, Taiwan 333	Conduction C	TW0028 / 200037	
		SAC C		
		SAC D		
		SAC G		
		Conducted A		
		Conducted B		
		Conducted C		
		Conducted D		
		Conducted E		
		Conducted F		
Conducted G				

Note: The test site name is noted on the equipment list to indicate where the measurements were conducted.

Temperature:	25	°C	Relative Humidity:	64	%
Test site	Conducted F		Test Start:	09/24/2025	
Test Engineer:	Willy Jiang		Test Done:	09/24/2025	

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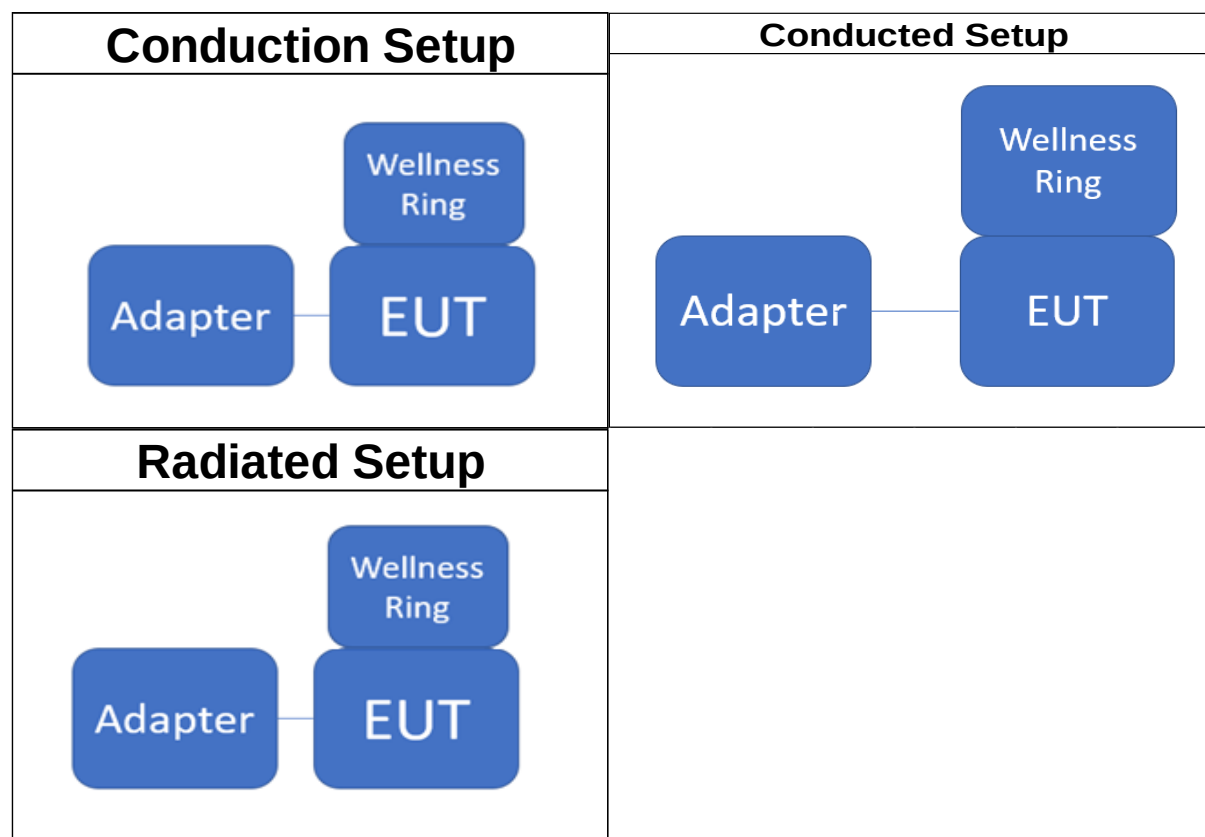
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3 CONTROL UNIT(S) AND PERIPHERIAL(S)

3.1 EUT Exercise

The Transmitter was operated in the normal operating mode. The Tx frequency was fixed which was for the purpose of the measurements.

3.2 Diagram



3.3 List

AC Power-Line Conducted Emission Test Site: Conduction C					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL. (mm/dd/yyyy)	CAL DUE. (mm/dd/yyyy)
USB Cable	Songwin	TC-CH-BK	N/A	N/A	N/A
Wellness Ring	SAMSUNG	SM-Q505	FCCID: A3LSMQ503	N/A	N/A
Adapter	huawei	Hw-200325cp0	N/A	N/A	N/A
Conducted Emission Test Site: Conducted C					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL. (mm/dd/yyyy)	CAL DUE. (mm/dd/yyyy)
Adapter	PHILIPS	DLP4326C	N/A	N/A	N/A
Wellness Ring	SAMSUNG	SM-Q505	FCCID: A3LSMQ503	N/A	N/A
USB Cable	MI	SJX10ZM	N/A	N/A	N/A

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Radiated Emission Test Site: SAC D					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL. (mm/dd/yyyy)	CAL DUE. (mm/dd/yyyy)
Wellness Ring	SAMSUNG	SM-Q505	N/A	N/A	N/A
Adapter	Adapter	Hw-200325cp0	FCCID: A3LSMQ503	N/A	N/A
USB Cable	Songwin	TC-CH-BK	N/A	N/A	N/A

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4 TEST INSTRUMENT

4.1 Emission Bandwidth

Conducted Emission Test Site: Conducted C					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL. (mm/dd/yyyy)	CAL DUE. (mm/dd/yyyy)
DC Block	PASTERNAK	PE8210	RF35	11/14/2024	11/13/2025
Spectrum Analyzer	KEYSIGHT	N9010B	MY59071573	06/03/2025	06/02/2026
H-Loop Near Field Antenna	LANGER EMV-Technik	LF-R 400	02-1597	N.C.R	N.C.R

4.2 Radiated Measurement

Radiated Emission Test Site: SAC D					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL. (mm/dd/yyyy)	CAL DUE. (mm/dd/yyyy)
3m Site NSA	SGS	966 chamber D	N/A	04/30/2025	04/29/2026
Active Loop Antenna	COM-POWER	AL-130R	10160105	12/11/2024	12/10/2025
Broadband Antenna	SCHWARZBECK	VULB 9168	9168-617	12/17/2024	12/16/2025
Coaxial Cable	EMCI+Huber Suhner	RG 214/U+EMC104-SM-SM-500+SUCOFLEX 104+16+EMC105-SM-SM-11000+EMC106-SM-SM-2300	W22.01+W21.01+150707+MY969/4+16+190825+150702	11/14/2024	11/13/2025
Pre-Amplifier	EMC Instruments	EMC9135	980234	11/14/2024	11/13/2025
Spectrum Analyzer	KEYSIGHT	N9010B	MY59071574	06/26/2025	06/25/2026

4.3 Conducted AC Power line

AC Power-Line Conducted Emission Test Site: Conduction C					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL. (mm/dd/yyyy)	CAL DUE. (mm/dd/yyyy)
Coaxial Cable	EC Lab	RF-HY-CAB-250	RF-HY-CAB-250-01	03/27/2025	03/26/2026
EMI Test Receiver	R&S	ESCI	101342	04/23/2025	04/22/2026
LISN	SCHWARZBECK Mess-Elektronik	NSLK8127	974	06/30/2025	06/29/2026
Pulse Limiter	EC Lab	VTSD 9561F-N	485	03/27/2025	03/26/2026
Test Software	audix	e3	E3 20923 SGS Ver.9 (C)	N.C.R	N.C.R

NOTE: N.C.R refers to Not Calibrated Required.

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5 REGULATORY REQUIREMENTS

5.1 Field Strength and Unwanted Emissions

The field strength of any emissions appearing outside of operation frequency shall not exceed the general radiated emission limits in section 15.209 as below.

Frequency (MHz)	Field strength (μV/m)	Distance (meters)
0.009~0.490	2400/F(kHz)	300
0.490~1.705	24000/F(kHz)	30
1.705-30	30	30
30-88	100	3
88-216	150	3
216-960	200	3
Above 960	500	3

Note:

1. The more stringent limit applies at the transition frequency.
2. Emission level in dBμV/m = $20 \log (\mu\text{V/m})$
3. Distance extrapolation factor = $40 \log (\text{required distance} / \text{test distance})$ (dB)
4. $20 * \log(30 \mu\text{V/m}) + 40 \text{dB} = 69.54 \text{ dBuV/m}$
5. The lower limit shall apply at the transition frequencies.
6. The measurement was undertaken in closer distance at 3m, where extrapolation factor is offset to convert the limit of the measurement.
7. Only spurious frequency is permitted to locate within the Restricted Bands specified in provision of §15.205.
8. The general radiated emission limits in §15.209 apply for the spurious emission generate from UE, except for the fundamental emission where the respective section specifies otherwise.

5.2 Emission Bandwidth

Intentional radiators operating under the alternative provisions to the general emission limits 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.

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5.3 AC Power Line Conducted Emission

Frequency range within 150kHz to 30MHz shall not exceed the Limit table as below.

Frequency range MHz	Limits (dBuV)	
	Quasi-peak	Average
0.15 to 0.50	66 to 56	56 to 46
0.50 to 5	56	46
5 to 30	60	50

Note

- 1.The lower limit shall apply at the transition frequencies
- 2.The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.50 MHz.

5.4 Antenna Requirement

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. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited. This requirement does not apply to carrier current devices or to devices operated under the provisions of § 15.211, 15.213, 15.217, 15.219, 15.221, or § 15.236. Further, this requirement does not apply to intentional radiators that must be professionally installed, such as perimeter protection systems and some field disturbance sensors, or to other intentional radiators which, in accordance with § 15.31(d), must be measured at the installation site. However, the installer shall be responsible for ensuring that the proper antenna is employed so that the limits in this part are not exceeded.

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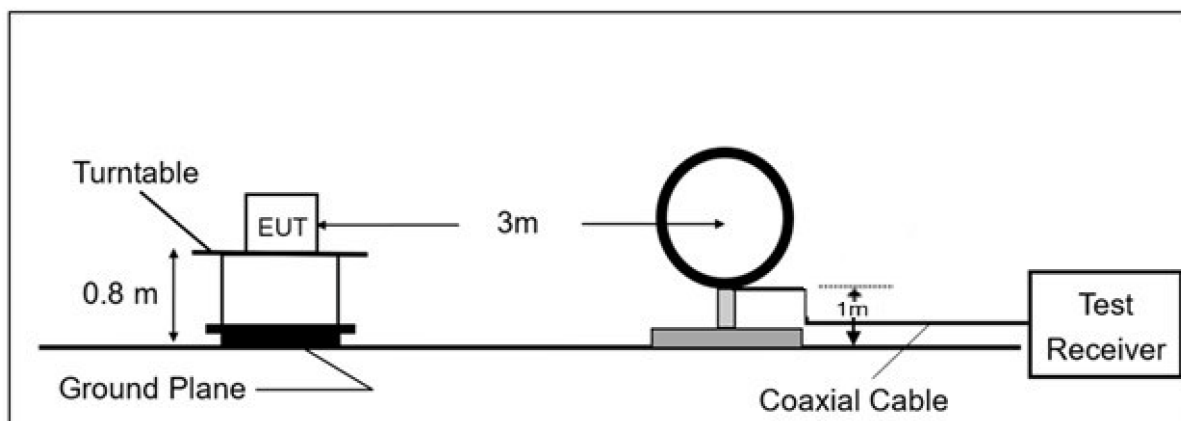
6 TEST CONFIGURATION

6.1 Field Strength and Unwanted Emissions

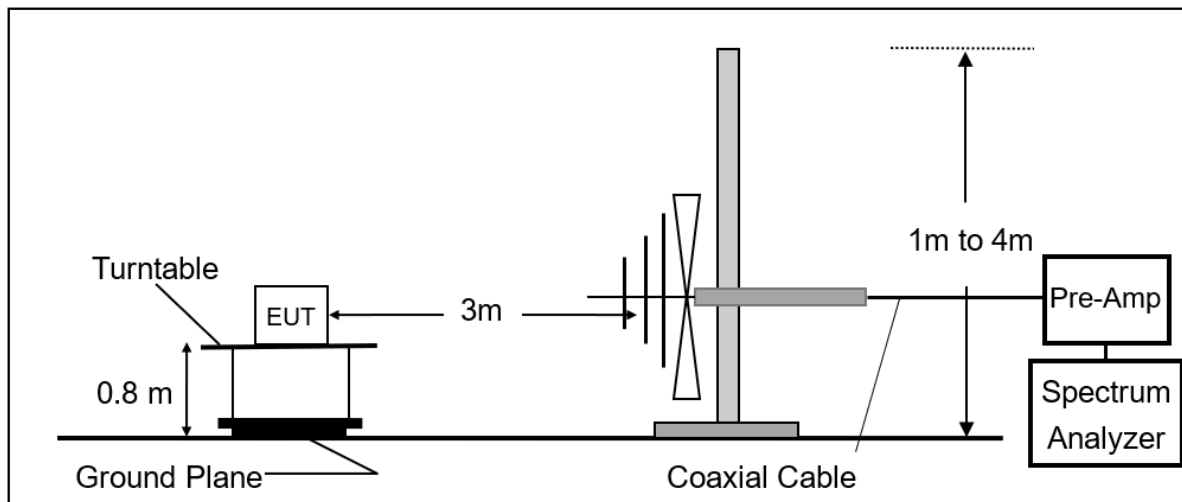
Radiated emission below 30MHz is measured in a 9m*6m*6m semi-anechoic chamber, the measurements correspond to those obtained at an open-field test site.

There is a comparison data of both open-field test site and semi-Anechoic chamber, and the result came out very similar.

(A) Radiated Emission Test Set-Up, Frequency Below 30MHz.



(B) Radiated Emission Test Set-Up, Frequency From 30MHz to 1000MHz.



1. The EUT was placed on a turn table which is 0.8m above ground plane.
2. The turn table shall rotate 360 degrees to determine the position of maximum emission level.
3. For measurements below 30MHz, set the spectrum analyzer as
 - For Peak measurement
 - RBW=10 kHz

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- VBW=30 kHz
- Detector = peak
- Trace mode = max-hold
- For Quasi-peak measurement in receiver mode
 - RBW=10 kHz
 - Detector = Quasi-Peak

Peak detection is used unless otherwise noted as quasi-peak.

4. For measurements in 30MHz to 1GHz, set the spectrum analyzer as

- For Peak measurement
 - RBW=100 kHz
 - VBW=300 kHz
 - Detector = peak
 - Trace mode = max-hold
- For Quasi-peak measurement in receiver mode
 - RBW=120 kHz
 - Detector = Quasi-Peak

Peak detection is used unless otherwise noted as quasi-peak.

5. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
6. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical.

The field strength is calculated by adding the Antenna Factor and Cable Factor and subtracting the Amplifier Gain and Duty Cycle Correction Factor (if any) from the measured reading. The basic equation with a sample calculation is as follows:

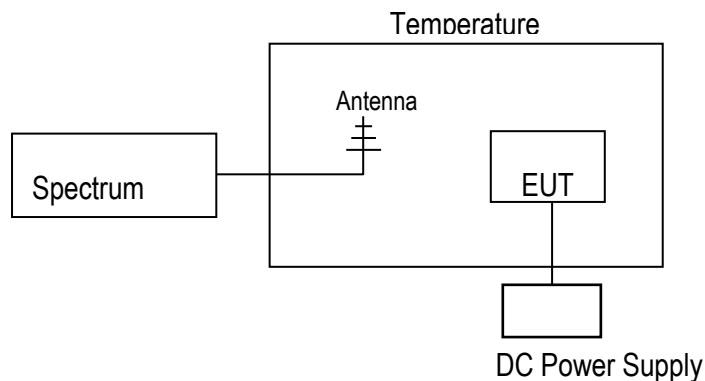
$$FS = RA + AF + CL - AG$$

Where	FS = Field Strength (dBμV/m)	CL = Cable Attenuation Factor (Cable Loss) (dB)
	RA = Reading Amplitude (dBμV)	AG = Amplifier Gain (dB)
	AF = Antenna Factor (dBμV/m)	

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6.2 Emission Bandwidth

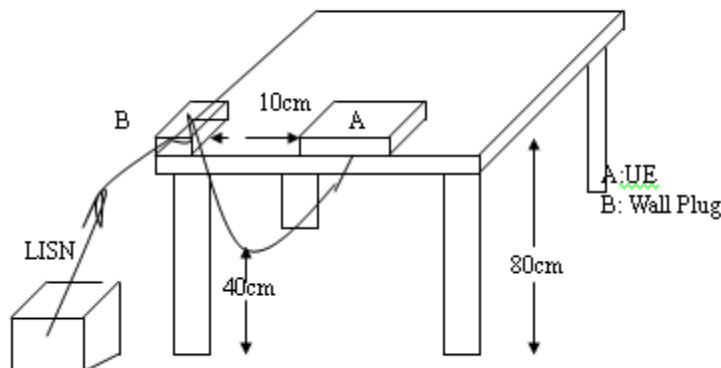


1. The transmitter output (antenna port) was connected to the spectrum analyzer in peak mode.
2. 20dB Bandwidth the resolution bandwidth of 300 Hz and the video bandwidth of 910 Hz were used.
3. Measured the spectrum width with power higher than 20dB below carrier.

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6.3 AC Power Line Conducted Emission



1. The conducted emission tests were performed at the designated test site using a setup in accordance with ANSI C63.10.
2. The EUT was placed on a non-conductive table that is 0.8 meters above the ground plane. Conducted emissions were measured in the frequency range from 0.15 MHz to 30 MHz using CISPR Quasi-Peak and Average detector modes. The two LISNs provided 50 μ H / 50 ohm coupling impedance for the measuring instrument. Both lines of the power mains connected to the EUT were checked for maximum conducted interference.
3. The AC/DC power adaptor of the EUT was connected to the LISN. The EUT was positioned flush with the rear edge of the table, with a minimum 0.4-meter distance from the shielding wall.
4. The LISNs were connected to the power source and configured according to the test requirements.
5. The maximum emission levels were investigated for each mode of operation. The six highest emissions were further maximized to ensure compliance.
6. The above procedures were repeated for all power supply configurations of the EUT.

Level = Read Level + Factor

Factor = (LISN, ISN, or current probe)Factor + Cable Loss +Attenuator

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7 TEST RESULTS

7.1 Field Strength and Unwanted Emission

7.1.1 Field Strength of Fundamental Emission

Report Number :TERF2509002816E2

Test Site :SAC D

Operation Mode :WPC

Test Date :2025-09-25

Test Frequency :6.78 MHz

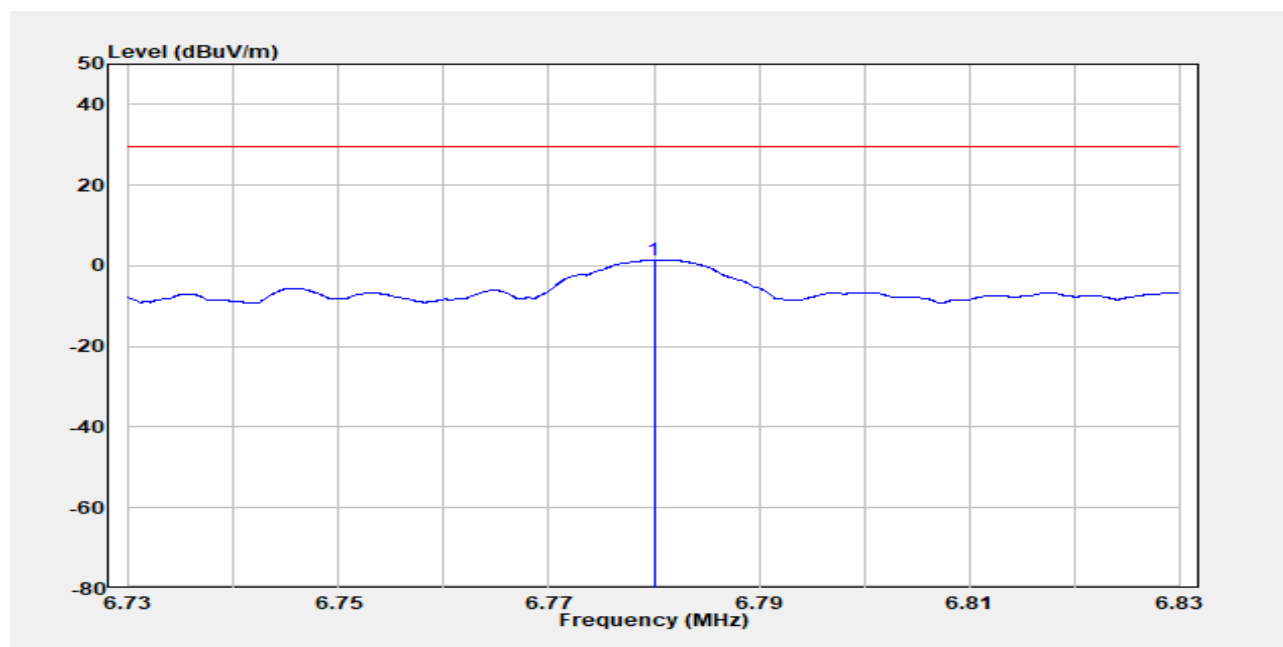
Temp./Humi. :21.3°C/56%

Test Mode :Main

Antenna Pol. :Perpendicular

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
6.78	Peak	25.85	-24.41	1.44	29.54	-28.10

Actual level = Reading level + Factor

Factor = Antenna factor + cable loss - distance factor

Test distance= 3M

For Actual level and limit:

Field strength (dBuV/m) at 300m, within the band 9 kHz - 490 kHz.

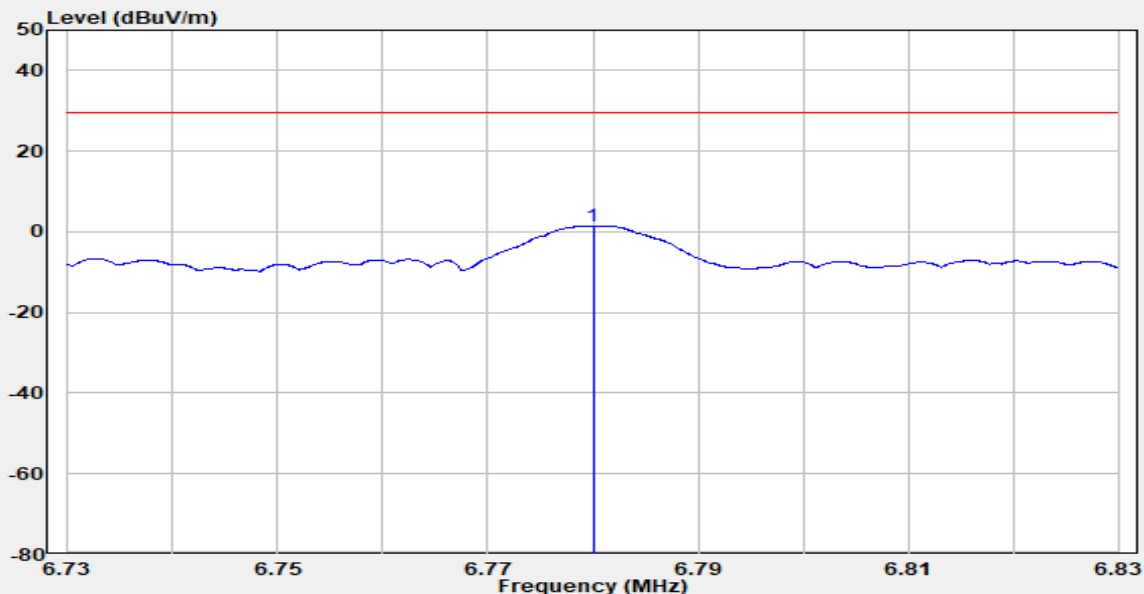
Field strength (dBuV/m) at 30m, within the band 490 kHz - 30 MHz.

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Report Number :TERF2509002816E2
 Operation Mode :WPC
 Test Frequency :6.78 MHz
 Test Mode :Main
 EUT Pol :E2 Plane

Test Site :SAC D
 Test Date :2025-09-25
 Temp./Humi. :21.3°C/56%
 Antenna Pol. :Parallel
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
6.78	Peak	25.89	-24.41	1.48	29.54	-28.06

Actual level = Reading level + Factor

Factor = Antenna factor + cable loss - distance factor

Test distance= 3M

For Actual level and limit:

Field strength (dBuV/m) at 300m, within the band 9 kHz - 490 kHz.

Field strength (dBuV/m) at 30m, within the band 490 kHz - 30 MHz.

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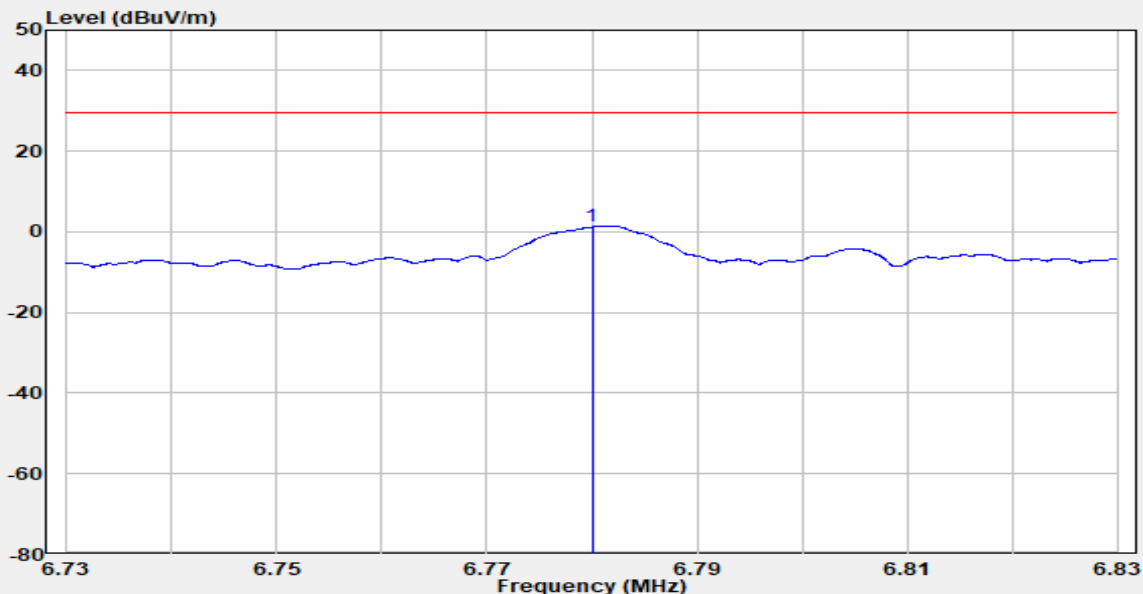
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Report Number :TERF2509002816E2
 Operation Mode :WPC
 Test Frequency :6.78 MHz
 Test Mode :Main
 EUT Pol :E2 Plane

Test Site :SAC D
 Test Date :2025-09-25
 Temp./Humi. :21.3°C/56%
 Antenna Pol. :Ground Parallel
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
6.780	Peak	25.94	-24.41	1.53	29.54	-28.01

Actual level = Reading level + Factor

Factor = Antenna factor + cable loss - distance factor

Test distance= 3M

For Actual level and limit:

Field strength (dBuV/m) at 300m, within the band 9 kHz - 490 kHz.

Field strength (dBuV/m) at 30m, within the band 490 kHz - 30 MHz.

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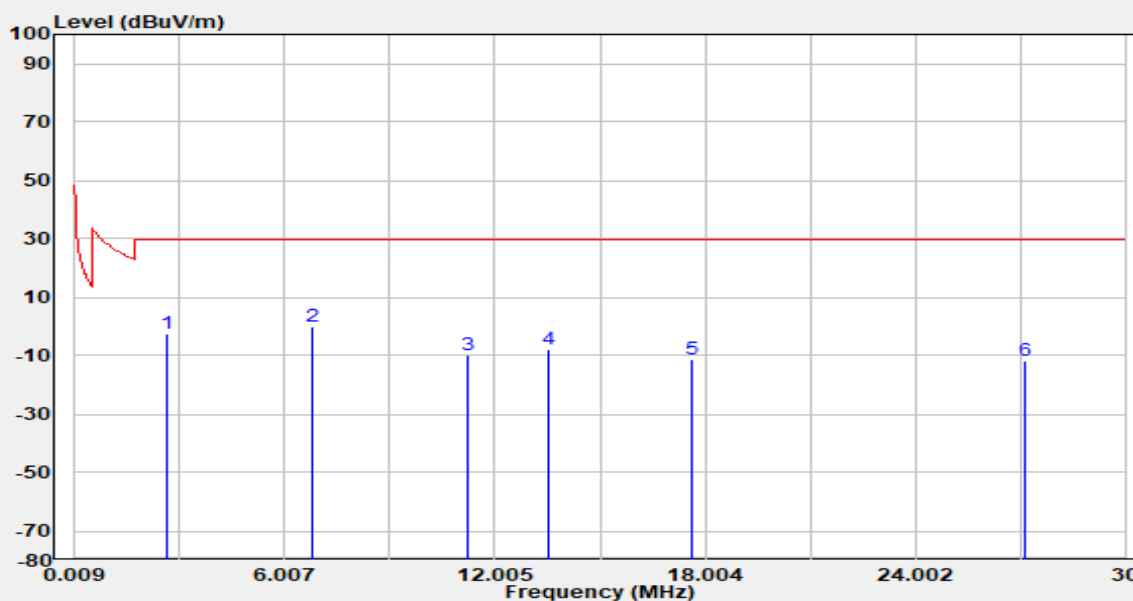
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7.1.2 Below 30 MHz Test Result

Report Number :TERF2509002816E2
 Operation Mode :WPC
 Test Frequency :6.78 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC D
 Test Date :2025-09-24
 Temp./Humi. :23.4°C/55%
 Antenna Pol. :Perpendicular
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
2.618	Peak	23.21	-25.55	-2.34	29.54	-31.88
6.787	Peak	24.44	-24.41	0.03	29.54	-29.51
11.226	Peak	14.08	-24.05	-9.97	29.54	-39.51
13.56	Peak	16.76	-24.60	-7.84	29.54	-37.38
17.644	Peak	12.90	-24.03	-11.13	29.54	-40.67
27.121	Peak	13.97	-25.53	-11.56	29.54	-41.10

Actual level = Reading level + Factor

Factor = Antenna factor + cable loss — distance factor

Test distance= 3M

For Actual level and limit:

Field strength (dBuV/m) at 300m, within the band 9 kHz - 490 kHz.

Field strength (dBuV/m) at 30m, within the band 490 kHz - 30 MHz.

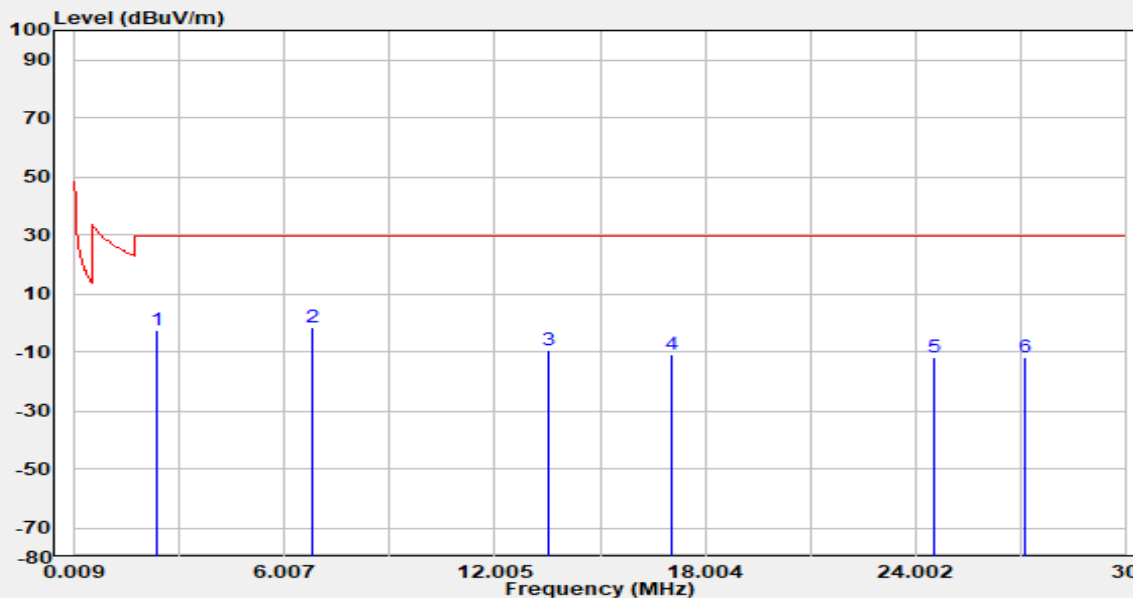
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Report Number :TERF2509002816E2
 Operation Mode :WPC
 Test Frequency :6.78 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC D
 Test Date :2025-09-24
 Temp./Humi. :23.4°C/55%
 Antenna Pol. :Parallel
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
2.378	Peak	23.29	-25.64	-2.35	29.54	-31.89
6.787	Peak	23.12	-24.41	-1.29	29.54	-30.83
13.56	Peak	15.42	-24.60	-9.18	29.54	-38.72
17.074	Peak	13.27	-24.08	-10.81	29.54	-40.35
24.542	Peak	13.62	-25.33	-11.71	29.54	-41.25
27.121	Peak	13.94	-25.53	-11.59	29.54	-41.13

Actual level = Reading level + Factor

Factor = Antenna factor + cable loss — distance factor

Test distance= 3M

For Actual level and limit:

Field strength (dBuV/m) at 300m, within the band 9 kHz - 490 kHz.

Field strength (dBuV/m) at 30m, within the band 490 kHz - 30 MHz.

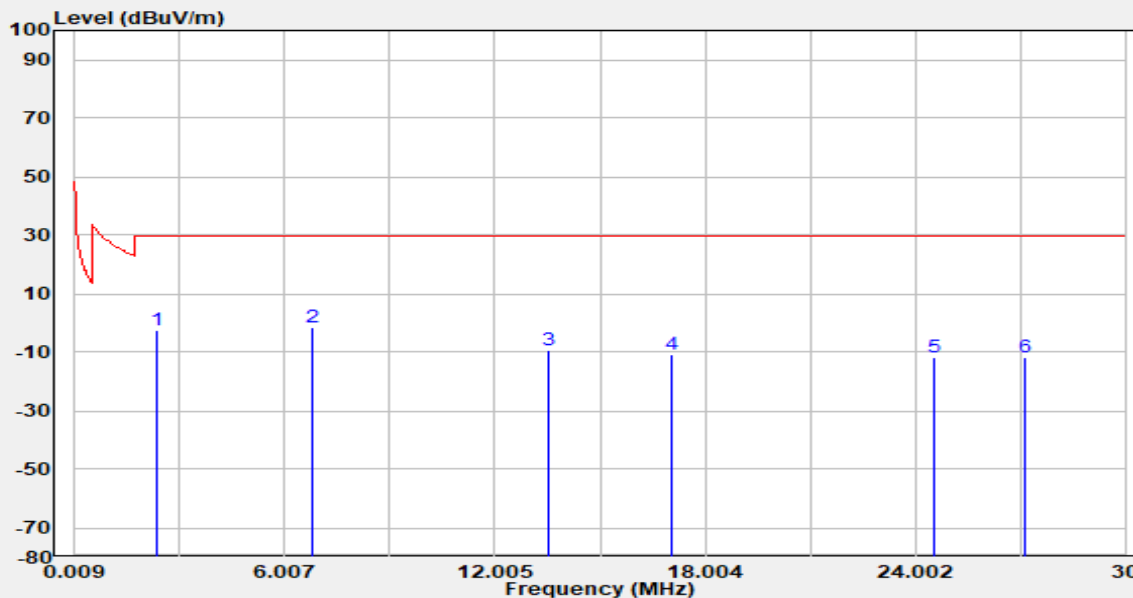
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Report Number :TERF2509002816E2
 Operation Mode :WPC
 Test Frequency :6.78 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC D
 Test Date :2025-09-24
 Temp./Humi. :23.4°C/55%
 Antenna Pol. :Ground Parallel
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
1.479	Peak	27.22	-25.91	1.31	29.54	-22.90
6.787	Peak	24.70	-24.42	0.28	29.54	-29.26
10.416	Peak	14.09	-24.18	-10.09	29.54	-39.63
13.560	Peak	18.43	-24.60	-6.17	29.54	-35.71
17.074	Peak	12.83	-24.09	-11.26	29.54	-40.80
27.121	Peak	13.86	-25.53	-11.67	29.54	-41.21

Actual level = Reading level + Factor

Factor = Antenna factor + cable loss — distance factor

Test distance= 3M

For Actual level and limit:

Field strength (dBuV/m) at 300m, within the band 9 kHz - 490 kHz.

Field strength (dBuV/m) at 30m, within the band 490 kHz - 30 MHz.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

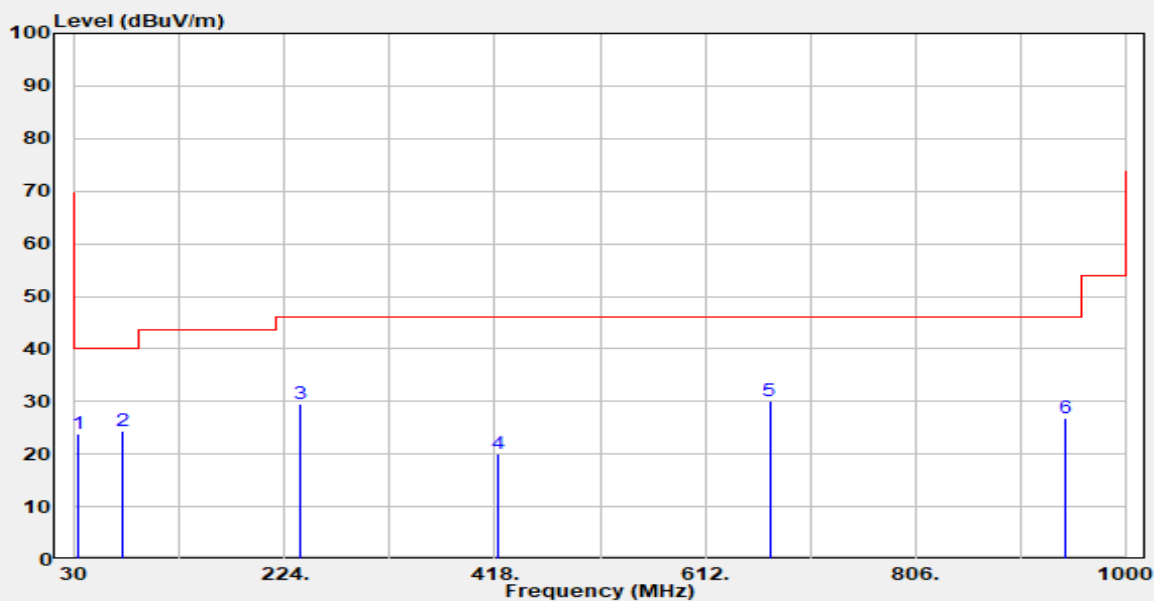
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7.1.3 Above 30MHz Test Result

Report Number :TERF2509002816E2
 Operation Mode :WPC
 Test Frequency :6.78 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC D
 Test Date :2025-09-24
 Temp./Humi. :23.4°C/55%
 Antenna Pol. :Vertical
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
33.88	QP	37.24	-13.40	23.84	40.00	-16.16
74.64	QP	39.97	-15.54	24.43	40.00	-15.57
237.33	Peak	43.51	-13.97	29.54	46.00	-16.46
420.39	Peak	28.19	-8.03	20.16	46.00	-25.84
671.71	Peak	32.81	-2.61	30.20	46.00	-15.80
945.66	Peak	24.87	2.09	26.96	46.00	-19.04

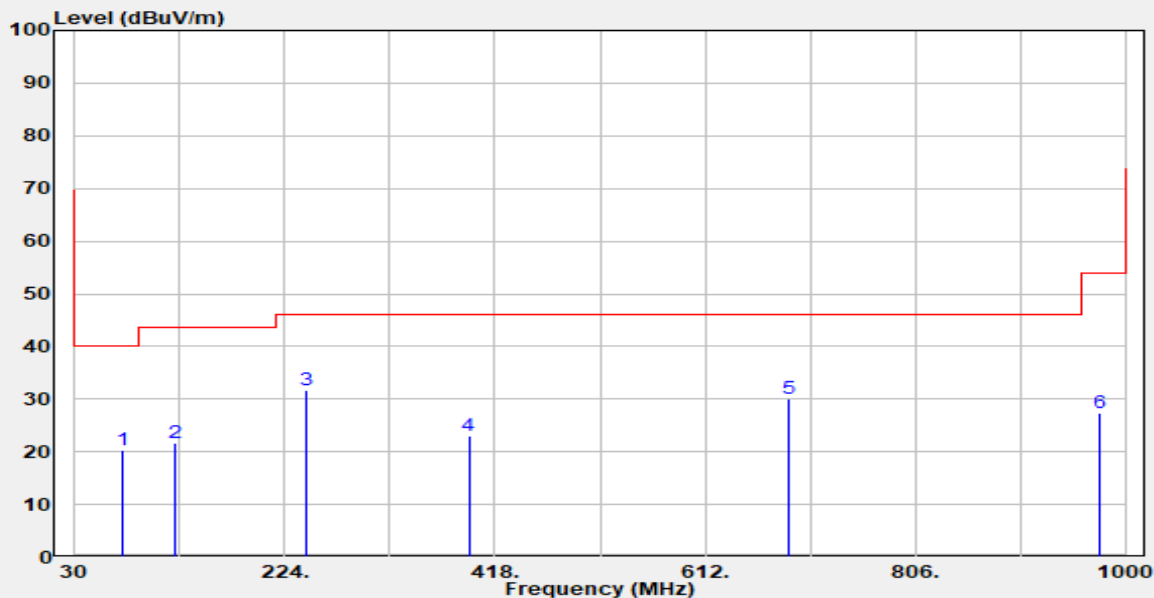
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Report Number :TERF2509002816E2
 Operation Mode :WPC
 Test Frequency :6.78 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC D
 Test Date :2025-09-24
 Temp./Humi. :23.4°C/55%
 Antenna Pol. :Horizontal
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
74.64	Peak	35.80	-15.54	20.26	40.00	-19.74
122.18	Peak	35.91	-14.17	21.74	43.50	-21.76
244.12	QP	45.17	-13.52	31.65	46.00	-14.35
393.87	Peak	31.61	-8.65	22.96	46.00	-23.04
689.82	Peak	32.28	-2.22	30.06	46.00	-15.94
976.71	Peak	24.94	2.34	27.28	54.00	-26.72

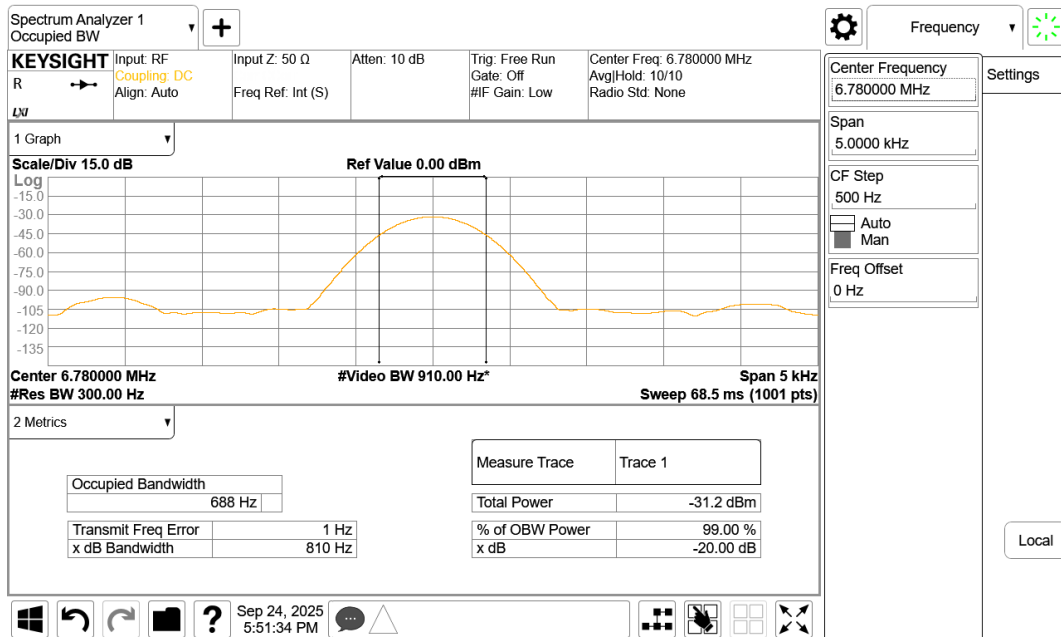
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7.2 Emission Bandwidth

20dB Bandwidth
810 Hz

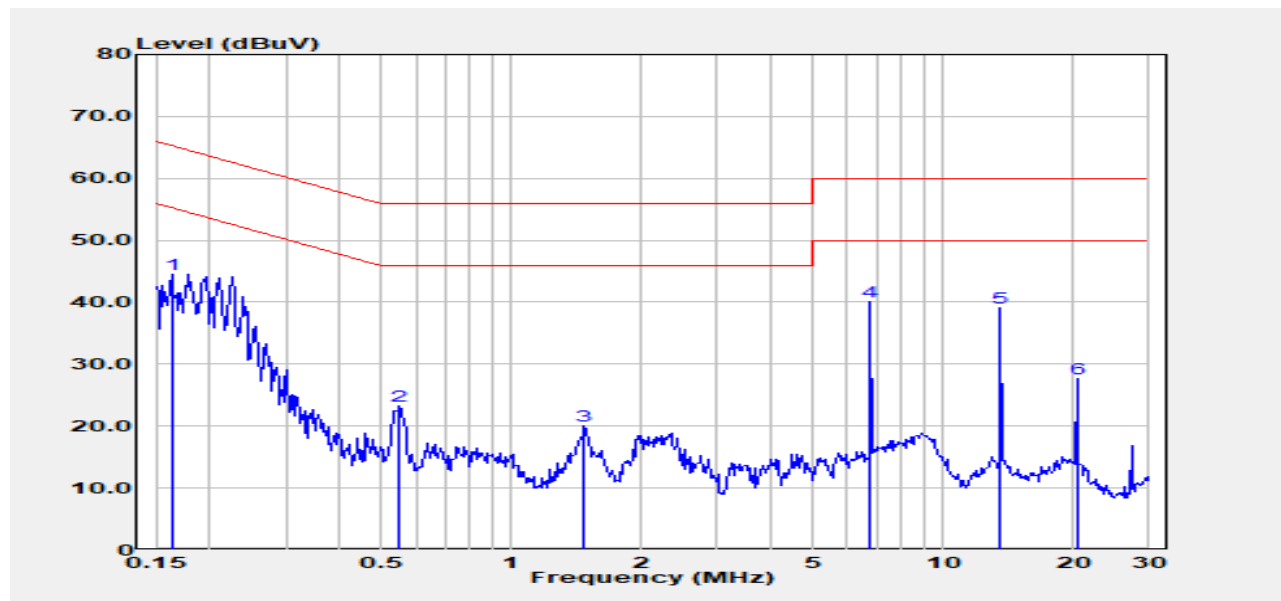


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7.3 AC Power Line Conducted Emission

Report Number	:TERF2509002816E2	Test Site	:Conduction C
Test Mode	:System	Test Date	:2025-09-25
Power	:120V/60Hz	Temp./Humi.	:26.4°C/54%
Probe	:L1	Engineer	:Temo Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V	Limit dB μ V	Margin dB
0.163	Peak	33.94	10.65	44.59	65.29	-20.71
0.550	Peak	12.56	10.63	23.19	56.00	-32.81
1.472	Peak	9.22	10.73	19.96	56.00	-36.04
6.789	Peak	29.05	10.96	40.01	60.00	-19.99
13.620	Peak	27.98	11.05	39.03	60.00	-20.97
20.473	Peak	16.58	11.17	27.75	60.00	-32.25

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Report Number :TERF2509002816E2

Test Site :Conduction C

Test Mode :System

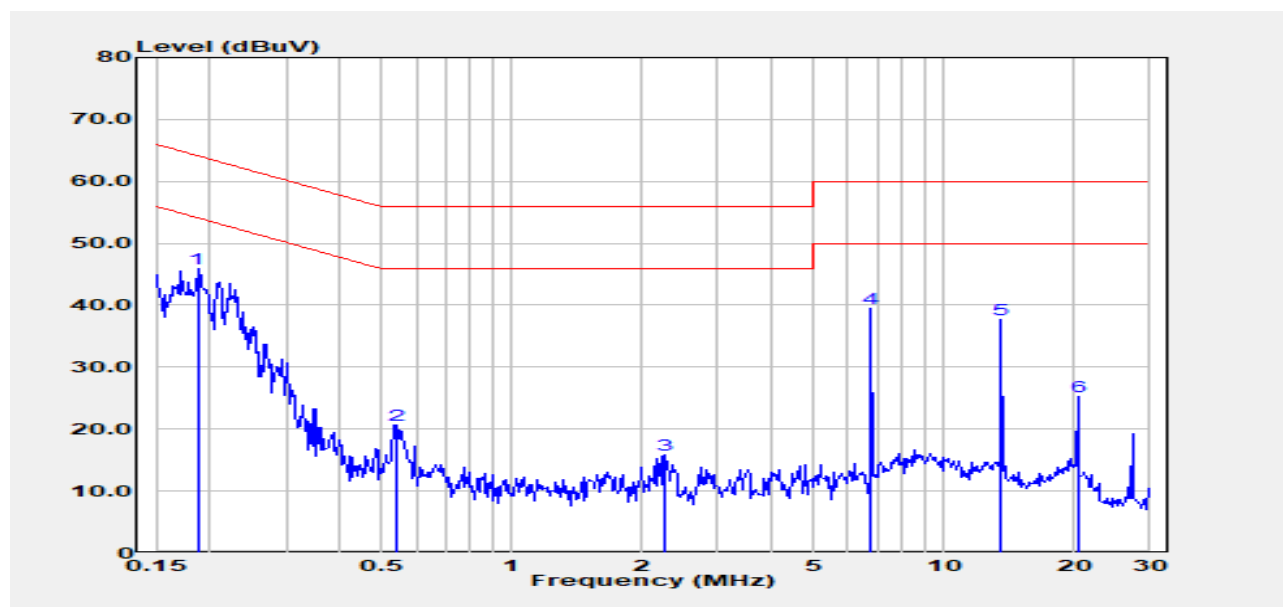
Test Date :2025-09-25

Power :120V/60Hz

Temp./Humi. :26.4°C/54%

Probe :N

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V	Limit dB μ V	Margin dB
0.187	Peak	35.21	10.65	45.86	64.17	-18.30
0.541	Peak	10.13	10.61	20.74	56.00	-35.26
2.270	Peak	5.13	10.77	15.90	56.00	-40.10
6.789	Peak	28.52	10.94	39.47	60.00	-20.53
13.620	Peak	26.62	11.04	37.67	60.00	-22.33
20.473	Peak	14.14	11.17	25.31	60.00	-34.69

~ End of Report ~

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SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

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