



est Report - Products	3567			
Prüfbericht-Nr.: Test report no.:	CN23VV32 (P15C-WiFi) 001	Auftrags-Nr.: Order no.:	48224542	Seite 1 von 29 Page 1 of 29
Kunden-Referenz-Nr.: Client reference no.:	N/A	Auftragsdatum: Order date:	2023-10-03	
Auftraggeber: Client:	Corsair Memory, Inc. 115 North McCarthy Blvd, M	ilpitas, CA 95035, U	SA	
Prüfgegenstand: Test item:	Key Light Neo			
Bezeichnung / Typ-Nr.: Identification / Type no.:	20LAJ9901			
Auftrags-Inhalt: Order content:	FCC Part 15C Test report (V	ViFi 2.4GHz)		
Prüfgrundlage: Test specification:	FCC 47CFR Part 15: Subpa	rt C Section 15.247		
Wareneingangsdatum: Date of sample receipt:	2023-10-05			
Prüfmuster-Nr.: Test sample no:	A003574581-021 A003574581-016			
Prüfzeitraum: Testing period:	2023-10-16 - 2023-10-26			
Ort der Prüfung: Place of testing:	EMC/RF Taipei Testing Site			
Prüflaboratorium: Testing laboratory:	Taipei Testing Laboratories			
Prüfergebnis*: Test result*:	Pass			
überprüft von: compiled by:		genehmigt von: authorized by:	Л	
Datum:	1 cm	Ausstellungsdatu	um:	rla Cl
Date: 2023-11-09	Ryan Chen	Issue date: 2023-		enda Chen
Stellung / Position:	Senior Project Manager	Stellung / Positior	n: Senior	Project Manager
Sonstiges / Other: Zustand des Prüfgegens Condition of the test item a	-	Prüfmuster vollständ Test item complete		gt
* Legende: 1 = sehr gut	2 = gut 3 = befriedigend		4 = ausreichend	5 = mangelhaft
* Legend: 1 = very good P(ass) = passed a.m.	g. Prüfgrundlage(n)F(ail) = entspricht2 = good3 = satisfactory	nicht o.g. Prüfgrundlage(n) . test specification(s)	N/A = nicht anwendbar 4 = sufficient N/A = not applicable	N/T = nicht geteste5 = poorN/T = not tested
Dieser Prüfbericht bez auszugsweise vervie This test report only relates to dupl	ieht sich nur auf das o.g. Prüfm Ifältigt werden. Dieser Bericht I o the a. m. test sample. Without po licated in extracts. This test report	uster und darf ohne (perechtigt nicht zur V ermission of the test ce does not entitle to carr	Genehmigung der Pr erwendung eines Pr enter this test report is ry any test mark.	üfstelle nicht üfzeichens.



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TEST SUMMARY

Report Section	FCC Clause	Test Item	Result
5.1.1	15.247(b) & 15.203	Antenna Requirement	Pass
5.1.2	15.247(b)(3)	Peak Output Power	Pass
5.1.3	15.247(a)(2)	6 dB Bandwidth	Pass
5.1.3	2.1049	99% Occupied Bandwidth	Pass
5.1.4	15.247(e)	Power Spectral Density	Pass
5.1.5	15.247(d)	Conducted Spurious Emissions and Band Edges	Pass
5.1.6	15.247(d) & 15.205 & 15.209	Radiated Spurious Emissions and Band Edges	Pass
5.2.1	15.207	Mains Conducted Emission	Pass

Note: Determining compliance based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.



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5.2.		-



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APPENDIX A - TEST RESULT OF CONDUCTED

APPENDIX B - TEST RESULT OF RADIATED EMISSIONS & MAINS CONDUCTED EMISSION

APPENDIX SP - PHOTOGRAPHS OF TEST SETUP

APPENDIX EP - PHOTOGRAPHS OF EUT



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HISTORY OF THIS TEST REPORT

Revision	Description	Date Issued
R01	Original Release	2023-11-09



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1. General Remarks

1.1 **Complementary Materials**

All attachments are integral parts of this test report. This applies especially to the following appendix: Appendix A - Test Result of Conducted

Appendix B - Test Result of Radiated Emissions & Mains Conducted Emission

Appendix SP - Photographs of Test Setup

Appendix EP - Photographs of EUT

Applied Standard and Test Levels

Radio

FCC 47CFR Part 15: Subpart C Section 15.247 FCC 47CFR Part 2: Subpart J Section 2.1049 ANSI C63.10:2013 KDB 558074 D01 15.247 Meas Guidance v05r02

1.2 Decision Rule of Conformity

The decision rule of conformity of this test report is following the requirements of the requested standard in the quotation, and agreed among testing laboratory and manufacturer (applicant) to exclude the consideration of Measurement Uncertainty, unless it is required by the specific standard.



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2. Test Sites

2.1 Test Laboratory

Taipei Testing Laboratories

11F. No.758, Sec. 4, Bade Rd., Songshan Dist. Taipei City 105 Taiwan (R.O.C.)

2.2 Test Facility

Taipei Testing Laboratories

No.458-18, Sec. 2, Fenliao Rd., Linkou Dist., New Taipei City 244 Taiwan (R.O.C.) FCC Registration No.: 180491 ISED Registration No.: 25563



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2.3 Traceability

All measurement equipment calibrations are traceable to NML(Taiwan)/NIST(USA) or where calibration is performed outside Taiwan, to equivalent nationally recognized standards organizations.

2.4 Calibration

Equipment requiring calibration is calibrated periodically in a suitably accredited Calibration Lab. Additionally all equipment is verified for proper performance on a regular basics using in house standards or comparisons.

2.5 Measurement Uncertainty

All measurement uncertainty values are shown with a coverage factor of k=2 to indicate a 95% level of confidence.

Emission Measurement Uncertainty

Parameter	Uncertainty
Radiated Emission (9 kHz ~ 30 MHz)	± 1.15 dB
Radiated Emission (30 MHz ~ 200 MHz)	± 1.32 dB
Radiated Emission (200 MHz ~ 1 GHz)	± 1.31 dB
Radiated Emission (1 GHz ~ 18 GHz)	± 1.53 dB
Radiated Emission (18 GHz ~ 40 GHz)	± 2.50 dB
Mains Conducted Emission	± 1.65 dB



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3. General Product Information

3.1 Product Function and Intended Use

The EUT is a Key Light Neo. It contains a WLAN compatible module enabling the user to communicate data through a Wireless interface.

For details refer to the User Guide, Data Sheet and Circuit Diagram.

3.2 System Details and Ratings

Basic Information of EUT

Item	EUT information
Kind of Equipment/Test Item	Key Light Neo
Type Identification	20LAJ9901
FCC ID	2AAFM-20LAJ9901

Technical Specification of EUT

Item	EUT information
Operating Frequency	2412 MHz ~ 2462 MHz
Channel Number	802.11b/g/n HT20: 11 802.11n HT40: 7
Data Rate	802.11b: 11.0 / 5.5 / 2.0 / 1.0 Mbps 802.11g: 54.0 / 48.0 / 36.0 / 24.0 / 18.0 / 12.0 / 9.0 / 6.0 Mbps 802.11n: up to MCS7
Operation Voltage	5 Vdc (USB / Adapter)
Modulation	DSSS (DBPSK, DQPSK, CCK) OFDM (BPSK, QPSK, 16QAM, 64QAM)
	802.11b: 53.95
Maximum Output Power	802.11g: 388.15
(mW)	802.11n HT20: 381.94
	802.11n HT40: 369.83
Antenna Information	Refer to 5.1.1
Accessory Device	Refer to 4.4



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3.3 Noise Generating and Noise Suppressing Parts

Refer to the Circuit Diagram.

3.4 Submitted Documents

- Circuit Diagram
- Instruction Manual
- Rating Label
- Technical Description



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4. Test Set-up and Operation Modes

4.1 Principle of Configuration Selection

The test modes were adapted accordingly in reference to the instructions for use. During testing, Channel and Power Controlling Software provided by the customer was used to control the operating channel as well as the output power level. The RF output power selection is for the setting of RF output expected by the customer and is going to be fixed on the firmware of the final end product.

Table for Parameters of Test Software Setting

802	.11b	802.	802.11g 802.11n HT20 802.11n HT4		802.11n HT20		n HT40
Channel	Power Setting	Channel	Power Setting	Channel	Power Setting	Channel	Power Setting
1	84	1	95	1	94	3	83
6	84	6	100	6	99	6	95
11	83	11	90	11	89	9	87

4.2 Carrier Frequency and Channel

802.11b, 802.11g and 802.11n HT20:

Channel	Frequency (MHz)	Channel	Frequency (MHz)
1	2412	8	2447
2	2417	9	2452
3	2422	10	2457
4	2427	11	2462
5	2432		
6	2437		
7	2442		

802.11n HT40:

Channel	Frequency (MHz)	Channel	Frequency (MHz)
3	2422	7	2442
4	2427	8	2447
5	2432	9	2452
6	2437		



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4.3 Test Operation and Test Software

Setup for testing: Test samples are provided with a USB interface which makes it possible to control them through a test software installed on a notebook computer.

This software was running on the laptop computer connected to the EUT. It was used to enable the operation modes listed as below.

Test Software AmebaD_mptool_2V0

The samples were used as follows:

A003574581-021

A003574581-016

Full test was applied on all test modes, but only worst case was shown.

		Applicable To			
EUT Configure Mode	Antenna Port Conducted Measurement	Radiated Spurious Emissions above 1 GHz	Mains Conducted Emission	Description	
-	\checkmark	\checkmark	\checkmark	\checkmark	-

Note:

1. The EUT had been pre-tested on the positioned of each 3 axis. The worst case was found when position on Y-plane.

2. "-" means no effect.

Antenna Port Conducted Measurement

Pre-Scan full test was applied on all test modes, but only worst case was shown.

Following channel(s) was (were) selected for the final test as listed below.

EUT Configure Mode	Mode	Available Channel	Tested Channel	Date Rate (Mbps)
-	802.11b	1 to 11	1, 6, 11	1.0
-	802.11g	1 to 11	1, 6, 11	6.0
-	802.11n HT20	1 to 11	1, 6, 11	MCS0
-	802.11n HT40	3 to 9	3, 6, 9	MCS0

Radiated Spurious Emissions (Above 1 GHz)

Pre-Scan full test was applied on all test modes, but only worst case was shown.

Following channel(s) was (were) selected for the final test as listed below.

EUT Configure Mode	Mode	Available Channel	Tested Channel	Date Rate (Mbps)
-	802.11b	1 to 11	1, 6, 11	1.0
-	802.11g	1 to 11	1, 6, 11	6.0
-	802.11n HT20	1 to 11	1, 6, 11	MCS0
-	802.11n HT40	3 to 9	3, 6, 9	MCS0

Radiated Spurious Emissions (Below 1 GHz)

Pre-Scan full test was applied on all test modes, but only worst case was shown.

Following channel(s) was (were) selected for the final test as listed below.

EUT Configure Mode	Mode	Available Channel	Tested Channel	Date Rate (Mbps)	
-	802.11n HT20	1 to 11	1	MCS0	



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Mains Conducted Emission

- Pre-Scan full test was applied on all test modes, but only worst case was shown.
- Following channel(s) was (were) selected for the final test as listed below.

EUT Configure Mode		Available Channel Tested Channel		Date Rate (Mbps)	
-	802.11n HT20	1 to 11	1	MCS0	

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Test Condition

Test Item	Ambient Temperature	Relative Humidity	Tested by
Conducted Measurement	23.2-24.6 °C	55-58 %	Zeke Wang
Radiated Spurious Emissions above 1 GHz	23.7-24.8 °C	54-56 %	Roger Liao
Radiated Spurious Emissions below 1 GHz	23.7-24.8 °C	54-56 %	Roger Liao
Mains Conducted Emission	19.1-25.9 °C	50.2-58.9 %	Roger Liao

4.4 Special Accessories and Auxiliary Equipment

The product has been tested together with the following additional accessories:

Accessory of EUT

No.	Product	Brand	Model	Description
В	USB Cable (USB 2.0 AM TO CM)	Dongguan Taixuan	11IOC-A06-0029	150 cm cable
А	USB Cable (USB 2.0 AM TO AF)	Dongguan Taixuan	11IOC-A06-0030	100 cm cable

Support Unit

	Support Unit							
No	Description	Brand	Model	S/N	Shielded	Ferrite Core (Qty)	Length (cm)	Remark
С	Adapter	HANG	C15A	N/A	-	-	-	



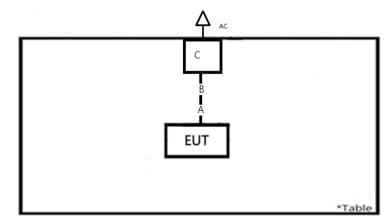
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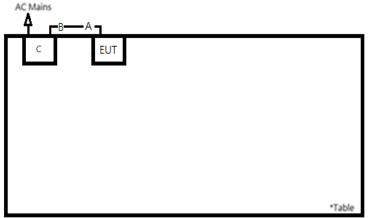
Test Report No.

4.5 Test Setup Diagram

<Radiated Spurious Emissions mode>



<Mains Conducted Emission mode>





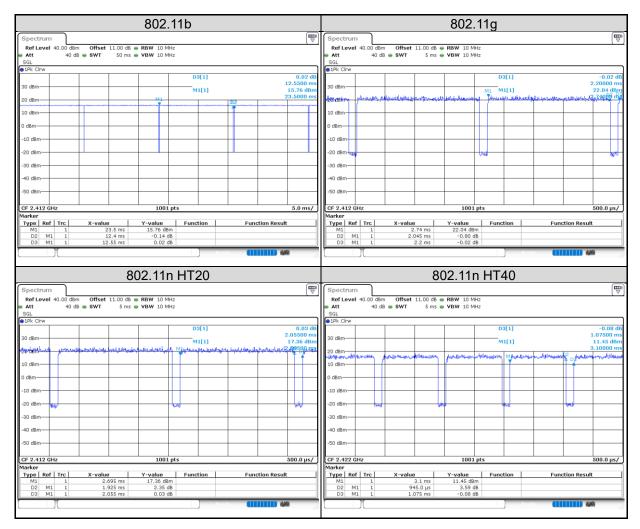
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4.6 Duty Cycle of Test Signal

Mode	On + Off Time (ms)	On Time (ms)	Duty Cycle (%)	Duty Factor (dB)
802.11b	12.55	12.40	98.80	0.05
802.11g	2.20	2.05	92.95	0.32
802.11n HT20	2.06	1.93	93.67	0.28
802.11n HT40	1.08	0.95	87.91	0.56





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5. Test Results

5.1 Transmitter Requirement & Test Suites

5.1.1 Antenna Requirement

Requirement

Use of approved antennas only

According to the manufacturer declaration, the EUT has an antenna with a directional gain of 2.55 dBi. The antenna is a PCB antenna with no possibility of replacement with a non-approved antenna by the end-user. Therefore, the EUT is considered to comply with this provision.

Refer to EUT photo for details.



Prüfbericht - Nr.: CN23VV32 (P15C-WiFi) 001 Seite 17 von 29 Page 17 of 29 5.1.2 Peak Output Power Imit 1 watt (30 dBm) Kind of Test Site Shielded room Test Setup Power Sensor

Test Instruments

Attenuator

Kind of	Manufacturer	Tuno	S/N	Calibration	Calibration	Test	Date
Equipment	Manufacturer	Type S/N	Date	Due Date	From	Until	
Power Meter	Anritsu	ML2495A	1901008	2023/03/17	2024/03/16	2023/10/25	2023/10/26
Power Sensor	Anritsu	MA2411B	1725269	2023/03/17	2024/03/16	2023/10/25	2023/10/26

Test Procedures

A peak power sensor was used on the output port of the EUT. A power meter was used to read the response of the peak power sensor. Record the power level.

Average power sensor was used to perform output power measurement, trigger and gating function of wide band power meter is enabled to measure max output power of TX on burst. Duty factor is not added to measured value.



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Test Result

Peak Output Power

<802.11b>

Channel	Channel	Peak Out	Peak Output Power	
Channel	Frequency (MHz)	(dBm)	(mW)	(dBm)
1	2412	16.86	48.53	30
6	2437	17.32	53.95	30
11	2462	17.27	53.33	30

<802.11g>

Channel	Channel	Peak Out	Peak Output Power		
	Frequency (MHz)	(dBm)	(mW)	(dBm)	
1	2412	25.54	358.10	30	
6	2437	25.89	388.15	30	
11	2462	25.05	319.89	30	

<802.11n HT20>

Channel	Channel	Peak Output Power		Limit
	Frequency (MHz)	(dBm)	(mW)	(dBm)
1	2412	24.90	309.03	30
6	2437	25.82	381.94	30
11	2462	24.67	293.09	30

<802.11n HT40>

Channel	Channel	Peak Out	Limit	
Channel	Frequency (MHz)	(dBm)	(mW)	(dBm)
3	2422	23.72	235.50	30
6	2437	25.68	369.83	30
9	2452	24.42	276.69	30



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Average Power

<802.11b>

Channel	Channel Frequency	Average Power		
Channel	(MHz)	(dBm)	(mW)	
1	2412	14.41	27.61	
6	2437	14.91	30.97	
11	2462	14.87	30.69	

<802.11g>

Channel	Channel Frequency	Average	e Power	
Channel	(MHz)	(dBm)	(mW)	
1	2412	17.36	54.45	
6	2437	18.65	73.28	
11	2462	16.56	45.29	

<802.11n HT20>

Channel	Channel Frequency	Average Power		
Channer	(MHz)	(dBm)	(mW)	
1	2412	16.30	42.66	
6	2437	18.22	66.37	
11	2462	16.28	42.46	

<802.11n HT40>

Channel	Channel Frequency	Average Power		
Channel	(MHz)	(dBm)	(mW)	
3	2422	14.69	29.44	
6	2437	17.22	52.72	
9	2452	15.56	35.97	



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5.1.3 6 dB Bandwidth and 99% Occupied Bandwidth

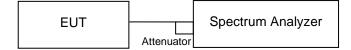
Limit

The minimum 6 dB bandwidth shall be at least 500 kHz.

Kind of Test Site

Shielded room

Test Setup



Test Instruments

Kind of	Manufacturar	Manufacturer Type S/N		Calibration	Calibration	Test	Date
Equipment	Manufacturer	Туре	5/N	Date	Due Date	From	Until
Spectrum Analyzer	R&S	FSV	101513	2023/05/10	2024/05/09	2023/10/25	2023/10/26

Test Procedure

- a. Set resolution bandwidth (RBW) = 100 kHz
- b. Set the video bandwidth (VBW) \ge 3 x RBW, Detector = Peak.
- c. Trace mode = max hold.
- d. Sweep = auto couple.
- e. Measure the maximum width of the emission that is constrained by the frequencies associated with the two amplitude points (upper and lower) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.
- f. For 99% occupied bandwidth measurement, the transmitter output was connected to the spectrum analyzer through an attenuator. The bandwidth of the fundamental frequency was measured by spectrum analyzer with resolution bandwidth in the range of 1% to 5% of the anticipated emission bandwidth, and a video bandwidth at least 3x the resolution bandwidth and set the detector to PEAK. The width of a frequency band such that, below the lower and above the upper frequency limits, the mean powers emitted are each equal to a specified percentage 0.5% of the total mean power of a given emission.

Test Results

Please refer to Appendix A.



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5.1.4 Power Spectral Density

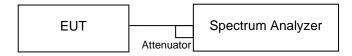
Limit

The power spectral density shall not be greater than 8 dBm in any 3 kHz band.

Kind of Test Site

Shielded room

Test Setup



Test Instruments

Kind of	Monufacturar	Manufacturer Type S/N		S/N	Calibration	Calibration	Test Date	
Equipment	Manufacturer	туре	3/IN	Date	Due Date	From	Until	
Spectrum Analyzer	R&S	FSV	101513	2023/05/10	2024/05/09	2023/10/25	2023/10/26	

Test Procedure

- a. Set analyzer center frequency to DTS channel center frequency.
- b. Set the span to 1.5 times the DTS bandwidth.
- c. Set the RBW to: $3 \text{ kHz} \leq \text{RBW} \leq 100 \text{ kHz}$.
- d. Set the VBW \geq 3 × RBW.
- e. Detector = peak.
- f. Sweep time = auto couple.
- g. Trace mode = max hold.
- h. Allow trace to fully stabilize.
- Use the peak marker function to determine the maximum amplitude level within the RBW. i.

Test Results

Please refer to Appendix A.



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	5.1.5 Conducted Spurious Emissions and Frequency B Measured in 100 kHz Bandwidth									
Limit										
20 dB (below that in the power.)	100 kHz bandwidth within the band that contains the highes	t level of the desired								
Kind of Test Site	Shielded room									
Test Setup										
EUT	Attenuator									

Test Instruments

[Kind of	Manufacturor	Manufacturer Type S/N		S/N	Calibration	Calibration	Test Date	
	Equipment	Manufacturer	туре	5/N	Date	Due Date	From	Until	
	Spectrum Analyzer	R&S	FSV	101513	2023/05/10	2024/05/09	2023/10/25	2023/10/26	

Test Procedure

Measurement procedure REF

- 1. Set the RBW = 100 kHz.
- 2. Set the VBW \geq 300 kHz.
- 3. Detector = peak.
- 4. Sweep time = auto couple.
- 5. Trace mode = max hold.
- 6. Allow trace to fully stabilize.
- 7. Use the peak marker function to determine the maximum power level in any 100 kHz band segment within the fundamental EBW.

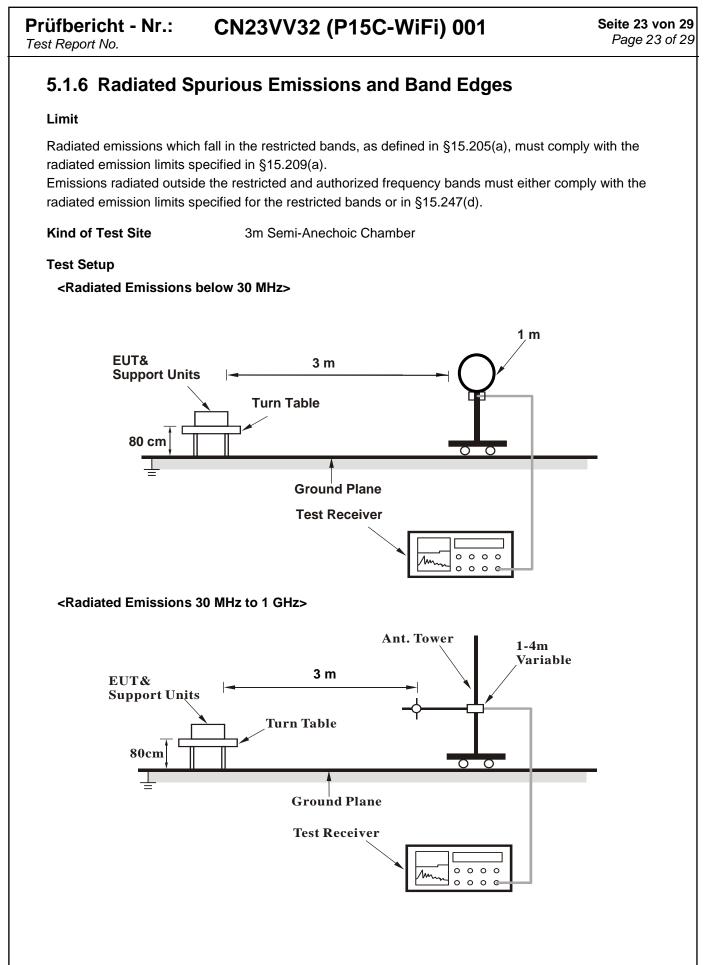
Measurement procedure OOBE

- 1. Set RBW = 100 kHz.
- 2. Set VBW ≥ 300 kHz.
- 3. Detector = peak.
- 4. Sweep = auto couple.
- 5. Trace Mode = max hold.
- 6. Allow trace to fully stabilize.
- 7. Use the peak marker function to determine the maximum amplitude level.

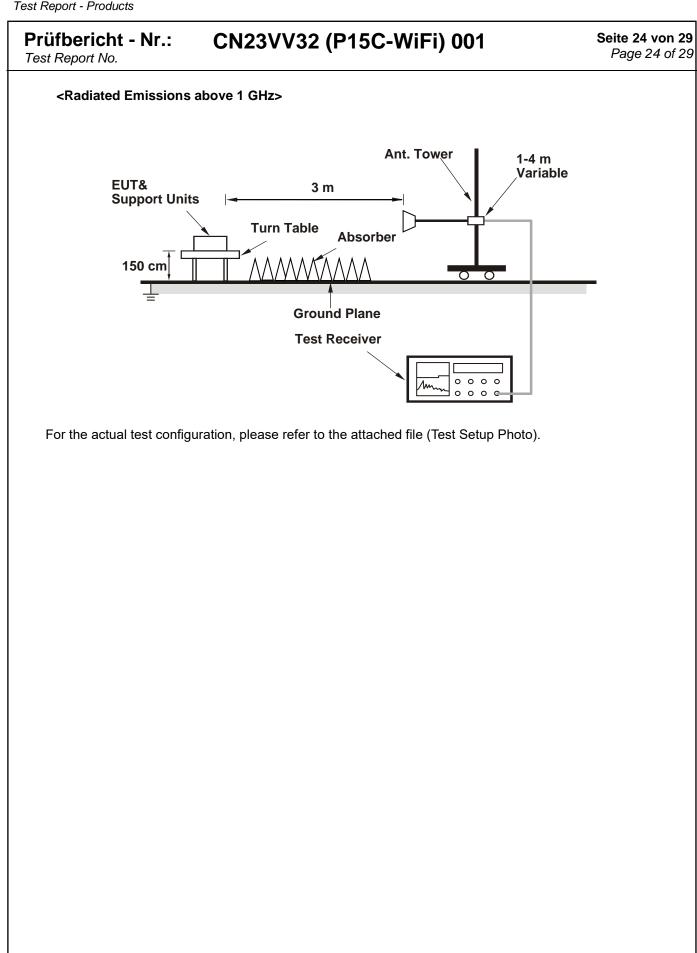
Test Results

Please refer to Appendix A.











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Test Instruments

Kind of Equipment	Manufacturer	Туре	S/N	Calibration Date	Calibration Due Date		
		Above 1 GHz					
Signal Analyzer	R&S	FSV40	101509	2023/4/26	2024/4/25		
Horn Antenna	ETS-Lindgren	3117	00218929	2022/11/17	2023/11/16		
Horn Antenna	SCHWARZBECK	BBHA 9170	00890	2023/5/4	2024/5/3		
HF-AMP + AC source	EMCI	EMC051845SE	980635	2023/2/16	2024/2/15		
HF-AMP + AC source	EMCI	EMC051845SE	980656	2023/1/16	2024/1/15		
Test Software	Audix E3	15914a_20191106 tuv	PK-001087	N/A	N/A		
		30 MHz ~ 1 GHz	Z				
Receiver	R&S	ESR7	102109	2023/2/24	2024/2/23		
Bilog Antenna	SCHWARZBECK	VULB-9168	00951	2023/3/31	2024/3/30		
LF-AMP	Agilent	8447D	2944A107722	2023/3/22	2024/3/21		
Test Software	Audix E3	15914a_20191106 tuv	PK-001087	N/A	N/A		
	Below 30 MHz						
Receiver	R&S	ESR7	102109	2023/2/24	2024/2/23		
Loop Antenna	SCHWARZBECK	FMZB 1519B	00215	2023/1/4	2024/1/3		
Test Software	Audix E3	15914a_20191106 tuv	PK-001087	N/A	N/A		



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Test Procedures

For Radiated Emissions below 30 MHz

- a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter chamber room. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- c. Parallel (OPEN), perpendicular (CLOSE), and ground-parallel (GROUND) orientations of the antenna are set to make the measurement.
- d. For each suspected emission, the EUT was arranged to its worst case and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- e. The test-receiver system was set to Quasi-Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.

Note:

- 1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 9 kHz at frequency below 30 MHz.
- 2. All modes of operation were investigated and the worst-case emissions are reported.

For Radiated Emissions above 30 MHz

- a. The EUT was placed on the top of a rotating table 0.8 meters (for 30 MHz ~ 1 GHz) / 1.5 meters (for above 1 GHz) above the ground at 3 meter chamber room for test. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- c. The height of antenna is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- e. The test-receiver system was set to quasi-peak detect function and specified bandwidth with maximum hold mode when the test frequency is below 1 GHz.
- f. The test-receiver system was set to peak and average detected function and specified bandwidth with maximum hold mode when the test frequency is above 1 GHz. If the peak reading value also meets average limit, measurement with the average detector is unnecessary.

Note:

- 1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120 kHz for Quasi-peak detection (QP) or Peak detection (PK) at frequency below 1 GHz.
- 2. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 3 MHz for Peak detection (PK) at frequency above 1 GHz.
- The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is ≥ 1/T (Duty cycle < 98 %) or 10 Hz (Duty cycle ≥ 98 %) for Average detection (AV) at frequency above 1 GHz.
- 4. All modes of operation were investigated and the worst-case emissions are reported.
- 5. The Radiated Emissions testing was performed in the X(E1), Y(H) and Z(E2) axis orientation. The worst-case Axis orientation is recorded in this test report.
- 6. The emission levels of other frequencies (including the 10th harmonic of the highest fundamental frequency) are very lower than the limit and are not shown in the test report.



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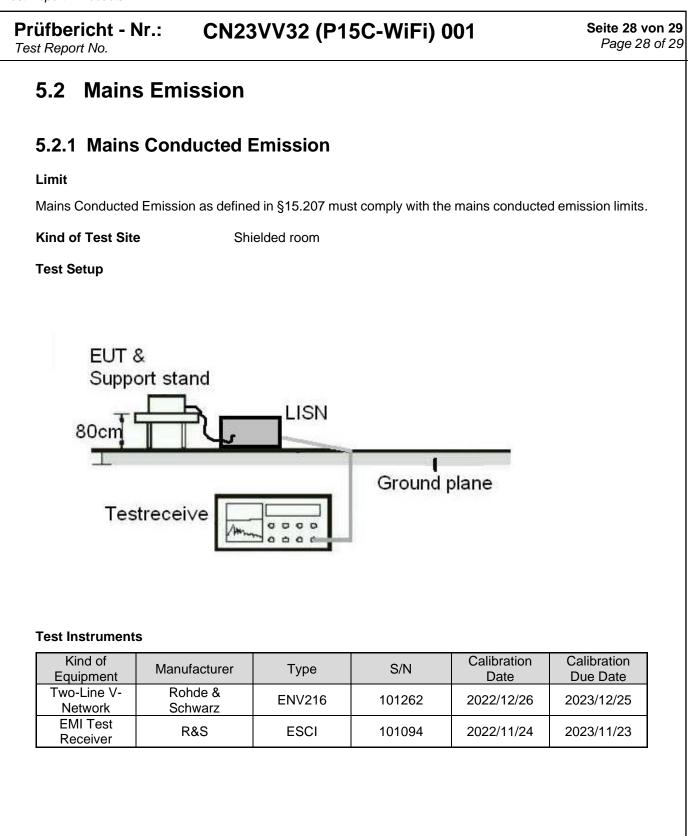
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Test Results

Factor (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) Level (dBuV/m) = Reading (dBuV) + Factor (dB/m)

Please refer to Appendix B.







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Test Procedures

- a. The EUT was placed 0.4 meters from the conducting wall of the shielded room with EUT being connected to the power mains through a line impedance stabilization network (LISN). Other support units were connected to the power mains through another LISN. The two LISNs provide 50 ohm/50 uH of coupling impedance for the measuring instrument.
- b. Both lines of the power mains connected to the EUT were checked for maximum conducted interference.
- c. The frequency range from 150 kHz to 30 MHz was searched. Emission levels under (Limit 20 dB) was not recorded.

Note: The resolution bandwidth and video bandwidth of test receiver is 9 kHz for quasi-peak detection (QP) and average detection (AV) at frequency 0.15 MHz – 30 MHz.

Test Results

Please refer to Appendix B.