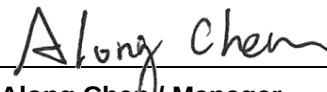


FCC RF Exposure Report

FCC ID : 2BV36NR5331
Equipment : 5G NR Indoor Router
Model No. : NR5331
Brand Name : ZYXEL
Applicant : ZYXEL Communications Inc.
Address : 1130 N. Miller Street, Anaheim, CA 92806, USA
Standard : 47 CFR FCC Part 2.1091
Received Date : Jan. 14, 2026
Tested Date : Feb. 12 ~ Apr. 10, 2026

We, International Certification Corporation, would like to declare that the tested sample has been evaluated and in compliance with the requirement of the above standards. The test results contained in this report refer exclusively to the product. It shall not be reproduced except in full without the written approval of our laboratory.

Reviewed by:


Along Chen / Manager

Approved by:

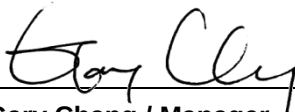

Gary Chang / Manager

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Release Record

Report No.	Version	Description	Issued Date
FA611401	Rev. 01	Initial issue	May 08, 2026

1 MPE EVALUATION OF MOBILE DEVICES

1.1 LIMITS FOR GENERAL POPULATION/UNCONTROLLED EXPOSURE

Frequency Range (MHz)	Power Density (mW /cm ²)	Averaging Time (minutes)
300~1500	F/1500	30
1500~100000	1.0	30

1.2 MPE EVALUATION FORMULA

$$Pd = \frac{Pt}{4 * Pi * R^2}$$

Where

Pd= Power density in mW/cm²

Pt= EIRP in mW

Pi= 3.1416

R= Measurement distance

1.3 REFERENCE GUIDANCE

447498 D01 General RF Exposure Guidance v06

1.4 DEVIATION FROM TEST STANDARD AND MEASUREMENT PROCEDURE

None

1.5 MEASUREMENT UNCERTAINTY

The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor (k=2)).

Parameters	Uncertainty
Conducted power	±0.808 dB

Declaration of Conformity:
The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.
Comments and Explanations:
The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

1.6 MPE EVALUATION RESULTS

Non-beamforming mode

Frequency Range (MHz)	Maximum Conducted Power (dBm)	Maximum Tune Up Limit (dBm)	Antenna Gain (dBi)	Distance (cm)	Power Density (mW/cm ²)	Limit (mW/cm ²)	*Ratio	Pass / Fail
2412-2462	29.05	29.5	2.81	24	0.235	1	0.235	Pass
5180-5240	29.79	30.0	3.86	24	0.336	1	0.336	Pass
5260-5320	23.87	24.0	3.77	24	0.083	1	0.083	Pass
5500-5720	23.90	24.0	3.78	24	0.083	1	0.083	Pass
5745-5825	29.80	30.0	3.81	24	0.332	1	0.332	Pass

*Ratio = Power density / Limit.

Beamforming mode

Frequency Range (MHz)	Maximum Conducted Power (dBm)	Maximum Tune Up Limit (dBm)	Antenna Gain (dBi)	Distance (cm)	Power Density (mW/cm ²)	Limit (mW/cm ²)	*Ratio	Pass / Fail
2412-2462	25.12	25.5	4.24	24	0.130	1	0.130	Pass
5180-5240	28.19	28.5	5.46	24	0.344	1	0.344	Pass
5260-5320	22.64	23.0	5.00	24	0.087	1	0.087	Pass
5500-5720	22.65	23.0	5.03	24	0.088	1	0.088	Pass
5745-5825	28.22	28.5	5.39	24	0.338	1	0.338	Pass

*Ratio = Power density / Limit.

The device contains a WWAN module, FCC ID:XMR2024RG620TNA

Frequency Range (MHz)	EIRP (dBm)	Distance (cm)	Power Density (mW/cm ²)	Limit (mW/cm ²)	*Ratio	Pass / Fail
LTE						
Band 2	22.77	24	0.026	1	0.026	Pass
Band 4	24.22	24	0.037	1	0.037	Pass
Band 5	24.12	24	0.036	0.55	0.065	Pass
Band 7	27.23	24	0.073	1	0.073	Pass
Band 12	23.75	24	0.033	0.47	0.070	Pass
Band 13	21.75	24	0.021	0.52	0.040	Pass
Band 17	23.32	24	0.030	0.47	0.063	Pass
Band 25	23.51	24	0.031	1	0.031	Pass
Band 26	24.91	24	0.043	0.54	0.079	Pass
Band 66	24.13	24	0.036	1	0.036	Pass
Band 71	24.76	24	0.041	0.44	0.094	Pass
Band 41	31.43	24	0.192	1	0.192	Pass
Band 42	29.23	24	0.116	1	0.116	Pass
Band 43	29.1	24	0.112	1	0.112	Pass
NR						
n2	25.73	24	0.052	1	0.052	Pass
n5	23.7	24	0.032	0.55	0.059	Pass
n7	27.08	24	0.071	1	0.071	Pass
n25	25.25	24	0.046	1	0.046	Pass
n26	23.11	24	0.028	0.54	0.052	Pass
n41	31.56	24	0.198	1	0.198	Pass
n66	25.03	24	0.044	1	0.044	Pass
n70	25.86	24	0.053	1	0.053	Pass
n71	25.56	24	0.050	0.44	0.113	Pass
n77	29.32	24	0.118	1	0.118	Pass
n78	29.55	24	0.125	1	0.125	Pass

1.7 MPE EVALUATION OF SIMULTANEOUS TRANSMISSION

Non-beamforming mode

Mode	Max Ratio of Each Mode
2.4 GHz Wi-Fi	0.235
5 GHz Wi-Fi	0.336
LTE	0.192
NR	0.198
Sum	0.961
Limit	1
Pass / Fail	Pass

Beamforming mode

Mode	Max Ratio of Each Mode
2.4 GHz Wi-Fi	0.130
5 GHz Wi-Fi	0.344
LTE	0.192
NR	0.198
Sum	0.864
Limit	1
Pass / Fail	Pass

2 Test laboratory information

Established in 2012, ICC provides foremost EMC & RF Testing and advisory consultation services by our skilled engineers and technicians. Our services employ a wide variety of advanced edge test equipment and one of the widest certification extents in the business.

International Certification Corporation (EMC and Wireless Communication Laboratory), it is our definitive objective is to institute long term, trust-based associations with our clients. The expectation we set up with our clients is based on outstanding service, practical expertise and devotion to a certified value structure. Our passion is to grant our clients with best EMC / RF services by oriented knowledgeable and accommodating staff.

Our Test sites are located at Linkou District and Kwei Shan District. Location map can be found on our website <https://www.icertifi.com.tw>.

Linkou

Tel: 886-2-2601-1640

No.30-2, Ding Fwu Tsuen, Lin Kou
District, New Taipei City, Taiwan
(R.O.C.)

Kwei Shan

Tel: 886-3-271-8666

No.3-1, Lane 6, Wen San 3rd
St., Kwei Shan Dist., Tao Yuan
City 33381, Taiwan (R.O.C.)
No.2-1, Lane 6, Wen San 3rd
St., Kwei Shan Dist., Tao Yuan
City 33381, Taiwan (R.O.C.)

Kwei Shan Site II

Tel: 886-3-271-8640

No.14-1, Lane 19, Wen San 3rd
St., Kwei Shan Dist., Tao Yuan
City 33381, Taiwan (R.O.C.)

Zhonghe

Tel: 886-2-2222-0288

1F, No. 6, Jiankang Road, Zhonghe
District, New Taipei City 235045,
Taiwan (R.O.C.)

If you have any suggestion, please feel free to contact us as below information.

Tel: 886-3-271-8666

Fax: 886-3-318-0345

Email: ICC_Service@icertifi.com.tw

==END==