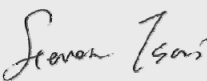


Test Report No:
2620398R-RFUSV17S-A

RF EXPOSURE EVALUATION DECLARATION

Product Name	Peplink Pepwave Wireless Product
Brand Name	 PEPWAVE
Model No.	Balance 310 5G BPL-310-5GK-T-PRM
FCC ID	2BVXV-P1BE05
Applicant's Name / Address	PSG TECHNOLOGIES (S) PTE. LIMITED 68 CIRCULAR ROAD, #02-01, SINGAPORE 049422
Manufacturer's Name	PSG TECHNOLOGIES (S) PTE. LIMITED
Test Method Requested, Standard	KDB 447498 D01 v06
Verdict Summary	IN COMPLIANCE
Documented by Jinn Chen	
Tested by Steven Tsai	
Approved By Tim Sung	
Date of Receipt	2026/02/23
Date of Issue	2026/07/29
Report Version	V1.0

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Competences and Guarantees

DEKRA is a testing laboratory competent to carry out the tests described in this report.

In order to assure the traceability to other national and international laboratories, DEKRA has a calibration and maintenance program for its measurement equipment.

DEKRA guarantees the reliability of the data presented in this report, which is the result of the measurements and the tests performed to the item under test on the date and under the conditions stated in the report and it is based on the knowledge and technical facilities available at DEKRA at the time of performance of the test.

DEKRA is liable to the client for the maintenance of the confidentiality of all information related to the item under test and the results of the test.

The results presented in this Test Report apply only to the particular item under test established in this document.

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General Conditions

1. The test results relate only to the samples tested.
2. The test results shown in the test report are traceable to the national/international standard through the calibration report of the equipment and evaluated measurement uncertainty herein.
3. This report must not be used to claim product endorsement by TAF or any agency of the government.
4. The test report shall not be reproduced without the written approval of DEKRA Testing and Certification Co., Ltd.
5. Measurement uncertainties evaluated for each testing system and associated connections are given here to provide the system information for reference. Compliance determinations do not take into account measurement uncertainties for each testing system, but are based on the results of the compliance measurement.

Revision History

Version	Description	Issued Date
V1.0	Initial issue of report	2026/07/29

1. General Information

1.1. EUT Description

Product Name	Peplink Pepwave Wireless Product
Brand Name	 PEPWAVE
Model No.	Balance 310 5G BPL-310-5GK-T-PRM

Note: For more detailed information, please refer to Report No. 2620398R-RFUSV01S-A, 2620398R-RFUSV03S-A and 2620398R-RFUSV22S-A.

1.2. Testing Location Information

USA	FCC Designation Number: TW0033 / FCC Registration Number: 647365
Canada	CAB Identifier Number: TW3023 / Company Number: 26930

Site Description	Accredited by TAF
	Accredited Number: 3023

Test Laboratory	DEKRA Testing and Certification Co., Ltd.
	Linkou Laboratory
Address	No. 85, Wenlin St., Linkou Dist., New Taipei City 244017, Taiwan, R.O.C.
Performed Location	No. 26, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan, R.O.C.
Phone Number	+886-3-275-7255
Fax Number	+886-3-327-8031

2. RF Exposure Evaluation

2.1. Standard Applicable

47CFR §2.1091(b) states, "A mobile device is defined as a transmitting device designed to be used in other than fixed locations and to generally be used in such a way that a separation distance of at least 20 centimeters is normally maintained between the RF source's radiating structure(s) and the body of the user or nearby persons."

Also, 47CFR §1.1310(e)(3) states, that General population/uncontrolled exposure limits defined in §1.1310 "General population/uncontrolled exposure limits apply in situations in which the general public may be exposed, or in which persons who are exposed as a consequence of their employment may not be fully aware of the potential for exposure or cannot exercise control over their exposure."

2.2. Test Limit

(A) Test Limit for Occupational / Controlled Exposure

Frequency Range (MHz)	Electric Field Strength (E) (V/m)	Magnetic Field Strength (H) (A/m)	Power Density (S) (mW/ cm ²)	Averaging Time E ² , H ² or S (minutes)
0.3-3.0	614	1.63	*(100)	<6
3.0-30	1842/f	4.89/f	*(900/f ²)	<6
30-300	61.4	0.163	1.0	<6
300-1500	-	-	f/300	<6
1500-100,000	-	-	5	<6

(B) Test Limit for General Population / Uncontrolled Exposure

Frequency Range (MHz)	Electric Field Strength (E) (V/m)	Magnetic Field Strength (H) (A/m)	Power Density (S) (mW/ cm ²)	Averaging Time E ² , H ² or S (minutes)
0.3-1.34	614	1.63	*(100)	<30
1.34-30	824/f	2.19/f	*(180/f ²)	<30
30-300	27.5	0.073	0.2	<30
300-1500	-	-	f/1500	<30
1500-100,000	-	-	1.0	<30

Note: f = frequency in MHz; *Plane-wave equivalent power density

Power Density (S) is calculated by the following formula:

$$S = (P \cdot G) / 4\pi R^2$$

where:

S = power density (in appropriate units, e.g. mW/ cm²)

P = power input to the antenna (in appropriate units, e.g., mW)

G = power gain of the antenna in the direction of interest relative to an isotropic radiator

π = 3.1416

R = distance to the center of radiation of the antenna (appropriate units, e.g., cm)

2.3. Test Result of RF Exposure Evaluation

Band	E.I.R.P (dBm)	E.I.R.P (mW)	Power Density at R = 21 cm (mW/ cm ²)	Limit (mW/ cm ²)
WLAN 2.4 GHz	30.770	1193.988	0.215	1
WLAN 5 GHz U-NII 1	26.700	467.735	0.084	1
WLAN 5 GHz U-NII 3	30.930	1238.797	0.224	1

Note: The conducted output power refers to the data in Report No. 2620398R-RFUSV01S-A, 2620398R-RFUSV03S-A and 2620398R-RFUSV22S-A from DEKRA.

Band	E.I.R.P (dBm)	E.I.R.P (mW)	Power Density (mW/cm ²)	Limit (mW/cm ²)	PASS / FAIL
WCDMA Band 2	26.15	412.098	0.082	1.000	PASS
WCDMA Band 4	26.21	417.830	0.083	1.000	PASS
WCDMA Band 5	26.12	409.261	0.081	0.549	PASS
LTE B2	25.65	367.282	0.066	1.000	PASS
LTE B4	25.71	372.392	0.067	1.000	PASS
LTE B5	25.62	364.754	0.066	0.549	PASS
LTE B7	27.12	515.229	0.093	1.000	PASS
LTE B12	24.65	291.743	0.053	0.466	PASS
LTE B13	24.11	257.632	0.046	0.518	PASS
LTE B14	24.64	291.072	0.053	0.525	PASS
LTE B17	24.32	270.396	0.049	0.469	PASS
LTE B25	25.65	367.282	0.066	1.000	PASS
LTE B26	25.62	364.754	0.066	0.543	PASS
LTE B30	21.50	141.254	0.025	1.000	PASS
LTE B38	26.77	475.335	0.086	1.000	PASS
LTE B41	27.92	619.441	0.112	1.000	PASS
LTE B42	21.80	151.356	0.027	1.000	PASS
LTE B43	20.00	100.000	0.018	1.000	PASS
LTE B48	20.00	100.000	0.018	1.000	PASS
LTE B66	25.71	372.392	0.067	1.000	PASS
LTE B71	25.49	353.997	0.064	0.442	PASS
5G NR n2	26.15	412.098	0.074	1.000	PASS
5G NR n5	26.12	409.261	0.074	0.549	PASS
5G NR n7	27.62	578.096	0.104	1.000	PASS
5G NR n12	24.65	291.743	0.053	0.466	PASS
5G NR n13	24.11	257.632	0.046	0.518	PASS

5G NR n14	24.64	291.072	0.053	0.525	PASS
5G NR n25	26.15	412.098	0.074	1.000	PASS
5G NR n26	25.62	364.754	0.066	0.543	PASS
5G NR n30	21.50	141.254	0.025	1.000	PASS
5G NR n38	27.77	598.412	0.108	1.000	PASS
5G NR n41	28.92	779.830	0.141	1.000	PASS
5G NR n41_PC1.5	30.42	1101.539	0.199	1.000	PASS
5G NR n48	20.00	100.000	0.018	1.000	PASS
5G NR n66	26.21	417.830	0.075	1.000	PASS
5G NR n71	25.99	397.192	0.072	0.442	PASS
5G NR n77	26.77	475.335	0.086	1.000	PASS
5G NR n77_PC1.5	28.27	671.429	0.121	1.000	PASS
5G NR n78	26.77	475.335	0.086	1.000	PASS
5G NR n78_PC1.5	28.27	671.429	0.121	1.000	PASS

Distance : 21cm

Co-location
Conclusion: The formula of calculated the MPE is: $CPD1 / LPD1 + CPD2 / LPD2 +etc. < 1$ CPD = Calculation power density LPD = Limit of power density 1. WiFi 2.4 GHz function + WiFi 5 GHz function + WWAN module WCDMA function = $0.215 + 0.224 + 0.134 = 0.574$, therefore the maximum calculations of above situations are less than the "1" limit. 2. WiFi 2.4 GHz function + WiFi 5 GHz function + WWAN module LTE function = $0.215 + 0.224 + 0.145 = 0.584$, therefore the maximum calculations of above situations are less than the "1" limit. 3. WiFi 2.4 GHz function + WiFi 5 GHz function + WWAN module 5G NR function = $0.215 + 0.224 + 0.199 = 0.638$, therefore the maximum calculations of above situations are less than the "1" limit.

Note :

1. The above EUT information is declared by the manufacturer.
2. The results are evaluated using the maximum power.
3. The WWAN maximum conducted output power is referred to the certified module certificate.
(WWAN module Information: Telit Communications S.p.A. / FN990A40-HP, FCC ID: R17FN990A40HP)