

Test Requirement:	FCC 47CFR 15.247(i)
FCC ID:	2BVPQ-FUNPAD
Model:	LP1
Test Date:	2026-03-19
Mode of Operation:	WIFI mode / NFC

In 15.247(i), an equipment shall be operated in a manner that ensures that the public is not exposed to radio frequency energy levels in excess of the limits in §§ 1.13 07.

According to KDB447498 D04 General RF Exposure Guidance v01, Appendix B

The 1 mW Blanket Exemption of § 1.1307(b)(3)(i)(A) applies for single fixed, mobile, and portable RF sources with available maximum time-averaged power of no more than 1mW, regardless of separation distance.

Exemptions for Single RF Sources, B.3 MPE-based Exemption

General frequency and separation-distance dependent MPE-based effective radiated power (ERP) thresholds are in Table B.1 [Table 1 of § 1.1307(b)(1)(i)(C)] to support an exemption from further evaluation from 300 kHz through 100 GHz.

RF Source Frequency			Minimum Distance			Threshold ERP
f_L MHz		f_H MHz	$\lambda_L / 2\pi$		$\lambda_H / 2\pi$	W
0.3	—	1.34	159 m	—	35.6 m	1,920 R ²
1.34	—	30	35.6 m	—	1.6 m	3,450 R ² /f ²
30	—	300	1.6 m	—	159 mm	3.83 R ²
300	—	1,500	159 mm	—	31.8 mm	0.0128 R ² /f
1,500	—	100,000	31.8 mm	—	0.5 mm	19.2R ²

Subscripts L and H are low and high; λ is wavelength.
From § 1.1307(b)(3)(i)(C), modified by adding Minimum Distance columns.

For Multiple RF sources:

FCC Rule Part 1.1307(b)(3)(ii):

(A) The available maximum time-averaged power of each source is no more than 1 mW and there is a separation distance of two centimeters between any portion of a radiating structure operating and the nearest portion of any other radiating structure in the same device, except if the sum of multiple sources is less than 1 mW during the time-averaging period, in which case they may be treated as a single source (separation is not required).

(B) In the case of fixed RF sources operating in the same time-averaging period, or of multiple mobile or portable RF sources within a device operating in the same time averaging period, if the sum of the fractional contributions to the applicable thresholds is less than or equal to 1 as indicated in the following equation.

$$\sum_{i=1}^a \frac{P_i}{P_{th,i}} + \sum_{j=1}^b \frac{ERP_j}{ERP_{th,j}} + \sum_{k=1}^c \frac{Evaluated_k}{Exposure Limit_k} \leq 1$$

Calculated Result

Frequency	Distance	EIRP	Maximum tune-up ERP		Exposure Limit	Ratio	Result
(MHz)	(cm)	(dBm)	(dBm)	(mW)	(mW)		Pass/ Fail
2412	20	17.362	16.212	41.8022	768	0.05443	Pass
5825	20	19.413	18.263	67.0348	768	0.087285	Pass
13.56	20	-67.129	-68.279	0.00000015	1	0.00000015	Pass
Remark: Tune-up: ±1 Maximum tune-up ERP= EIRP + 1 - 2.15							

Mode for Simultaneous Multi-band Transmission:

Radio Access Technology	Ratio 1	Ratio 2	Ratio 3	Simultaneous Ratio	Limit	Result Pass/Fail
2.4G WIFI + 5G WIFI + NFC	0.05443	0.087285	0.00000015	0.14171515	1	Pass