



August 28, 2024

TUV SUD America Inc.
10 Centennial Drive
Peabody, MA 01960, USA

Attention: Director of Certification

RE: Analysis of RF Exposure for Portable and Mobile use per KDB 447498 D01 RF Exposure Procedures and Equipment Authorization Policies for Mobile and Portable Devices v07

FCC ID: 2BG3S-10111208

According to Supplement C, Edition 01-01 to OET Bulletin Edition 97-01 this spread spectrum transmitter is categorically excluded from routine environmental evaluation because of the low power level, where there is a high likelihood of compliance with RF exposure standards.

$$S = \frac{PG}{4\pi R^2}$$

S: Power Density

P: Output Power ERP

R: Distance

D: Cable Loss

AG: Antenna Gain

Item	Unit	Value	Remarks
P	mW	5.284	Peak value
D	dB		
AG	dBi	-1.21	
G		0.757	Calculated value
R	cm	20	Assumed value
S	mW/cm ²	0.000796	Calculated value

Limit for General Population / Uncontrolled Exposure	
Frequency (MHz)	Power Density (mW/cm ²)
300-1,500	0.6

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300-1,500	0.6

Sincerely,

Hiroaki Suzuki
RF Deputy Manager of EMC Lab