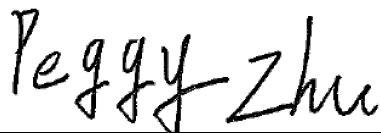


FCC RF EXPOSURE REPORT

FCC ID: 2AWWI-ISKTG74

Project No. : 1809C003B
Equipment : GPON/EPON
Brand Name : N/A
Test Model : INNBOXG74
Series Model : N/A
Applicant : Iskratel, d.o.o., Kranj
Address : Ljubljanska cesta 24a, Kranj 4000, Slovenia
Manufacturer : Iskratel, d.o.o., Kranj
Address : Ljubljanska cesta 24a, Kranj 4000, Slovenia
Date of Receipt : Jul. 29, 2020
Date of Test : Aug. 04, 2020 ~ Sep. 16, 2020
Issued Date : Oct. 23, 2020
Report Version : R00
Test Sample : Engineering Sample No.: DG2020042340
Standard(s) : FCC Guidelines for Human Exposure IEEE C95.1 & FCC Part 2.1091
FCC Title 47 Part 2.1091, OET Bulletin 65 Supplement C

The above equipment has been tested and found compliance with the requirement of the relative standards by BTL Inc.



Prepared by : Peggy Zhu



Approved by : Ethan Ma



Certificate #5123.02

Add: No.3, Jinshagang 1st Road, Shixia, Dalang Town, Dongguan, Guangdong, China.

Tel: +86-769-8318-3000

Web: www.newbtl.com

REPORT ISSUED HISTORY

Report Version	Description	Issued Date
R00	Original Issue	Oct. 23, 2020

1. TEST FACILITY

The test facilities used to collect the test data in this report is at the location of No.3,Jinshagang 1st Road, Shixia, Dalang Town, Dongguan, Guangdong, China.

BTL's Test Firm Registration Number for FCC: 357015

BTL's Designation Number for FCC: CN1240

2. MPE CALCULATION METHOD

Calculation Method of RF Safety Distance:

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

where:

S = power density

P = power input to the antenna

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

R = distance to the center of radiation of the antenna

Table for Filed Antenna:

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	N/A	N/A	Internal	N/A	3
2	N/A	N/A	Internal	N/A	3

Note:

This EUT supports MIMO 2X2, any transmit signals are correlated with each other, so Directional gain=10log[(10^{G1/20}+10^{G2/20}+...10^{GN/20})²/N]dBi, that is Directional gain=10log[(10^{3/20}+10^{3/20})²/2]dBi=6.01. So, the output power limit is 30-(6.01-6)=29.99, the power spectral density limit is 8-(6.01-6)=7.99.

3. TEST RESULTS

Directional Gain (dBi)	Directional Gain (numeric)	Max. Output Power (dBm)	Max. Output Power (mW)	Power Density (S) (mW/cm ²)	Limit of Power Density (S) (mW/cm ²)	Test Result
6.01	3.9902	24.72	296.4831	0.23548	1	Complies

Note: The calculated distance is 20 cm.

End of Test Report