RF Exposure Evaluation Report

APPLICANT	:	**Inseego Corp.**
EQUIPMENT	:	**wireless device**
BRAND NAME	:	**Inseego**
MODEL NAME	:	**FG2000-3, FG2000e-3**
FCC ID	:	**PKRISGFG20003**
STANDARD	:	**47 CFR Part 2.1091**

The product evaluation date was started from Jul. 21, 2022 and completed on Jul. 21, 2022. We, Sporton International Inc. (Kunshan), would like to declare that the device has been evaluated in accordance with 47 CFR Part2.1091, and pass the limit. Without written approval of Sporton International Inc. (Kunshan), the test report shall not be reproduced except in full.

Si Zhang

Approved by: Si Zhang

ACCREDITED Cert #5145.02

Sporton International Inc. (Kunshan)
No. 1098, Pengxi North Road, Kunshan Economic Development Zone Jiangsu Province 215300
People's Republic of China

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Revision History

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FA221526	Rev. 01	Initial issue of report.	Jul. 25, 2022

1. Administration Data

1.1. Testing Laboratory

Sporton International Inc. (Kunshan) is accredited to ISO/IEC 17025:2017 by American Association for Laboratory Accreditation with Certificate Number 5145.02.

Testing Laboratory			
Test Firm	Sporton International Inc. (Kunshan)		
Test Site Location	No. 1098, Pengxi North Road, Kunshan Economic Development Zone Jiangsu Province 215300 People's Republic of China TEL : +86-512-57900158 FAX : +86-512-57900958		
Test Site No.	Sporton Site No.	FCC Designation No.	FCC Test Firm Registration No.
	SAR01-KS	CN1257	314309

Applicant	
Company Name	Inseego Corp.
Address	9710 Scranton Road, Suite 200 San Diego, CA 92121

Manufacturer	
Company Name	MeiG Smart Technology Co., Ltd
Address	Floor 2, Office Building No.5, Lingxia Road, Fenghuang Community, Fuyong Street, Bao 'an District, Shenzhen

2. Guidance Applied

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- FCC 47 CFR Part 2.1091
- KDB 447498 D04 Interim General RF Exposure Guidance v01
- FCC 47 CFR Part 1.1307

3. Description of Equipment Under Test (EUT)

Product Feature & Specification	
EUT Type	wireless device
Brand Name	Inseego
Model Name	FG2000-3, FG2000e-3
FCC ID	PKRISGFG20003
Wireless Technology and Frequency Range	WCDMA Band II: 1852.4 MHz ~ 1907.6 MHz WCDMA Band IV: 1712.4 MHz ~ 1752.6 MHz WCDMA Band V: 826.4 MHz ~ 846.6 MHz LTE Band 2: 1850.7 MHz ~ 1909.3 MHz LTE Band 4: 1710.7 MHz ~ 1754.3 MHz LTE Band 5: 824.7 MHz ~ 848.3 MHz LTE Band 7: 2502.5 MHz ~ 2567.5MHz LTE Band 12: 699.7 MHz ~ 715.3 MHz LTE Band 13: 779.5 MHz ~ 784.5 MHz LTE Band 14: 790.5 MHz ~ 795.5 MHz LTE Band 17: 706.5 MHz ~ 713.5 MHz LTE Band 25: 1850.7 MHz ~ 1914.3 MHz LTE Band 26: 814.7 MHz ~ 848.3 MHz LTE Band 30: 2307.5 MHz ~ 2312.5 MHz LTE Band 38: 2572.5 MHz ~ 2617.5 MHz LTE Band 41: 2498.5 MHz ~ 2687.5 MHz LTE Band 42: 3552.5 MHz ~ 3597.5 MHz LTE Band 43: 3652.5 MHz ~ 3672.5 MHz LTE Band 48: 3552.5 MHz ~ 3697.5 MHz LTE Band 66: 1710.7 MHz ~ 1779.3 MHz LTE Band 71: 665.5 MHz ~695.5 MHz 5G NR n2 : 1850 MHz ~ 1910 MHz 5G NR n5 : 824 MHz ~ 849 MHz 5G NR n12 : 699 MHz ~ 716 MHz 5G NR n25 : 1850 MHz ~1915 MHz 5G NR n41 : 2496 MHz ~ 2690 MHz 5G NR n66 : 1710 MHz – 1780 MHz 5G NR n71 : 663 MHz – 698 MHz 5G NR n77 : 3700 MHz ~ 3980 MHz WLAN 2.4GHz Band: 2412 MHz ~ 2462 MHz WLAN 5.2GHz Band: 5180 MHz ~ 5240 MHz WLAN 5.8GHz Band: 5745 MHz ~ 5825 MHz Bluetooth: 2402 MHz ~ 2480 MHz
Mode	RMC 12.2Kbps HSDPA/HSUPA DC-HSDPA HSPA+ (16QAM uplink is not supported) LTE: QPSK, 16QAM, 64QAM, 256QAM DFT-s-OFDM (PI/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM) CP-OFDM (QPSK / 16QAM / 64QAM / 256QAM) WLAN 2.4GHz 802.11b/g/n/ax HT20/ HT40/ HE20/ HE40 WLAN 5GHz 802.11a/n HT20/HT40 WLAN 5GHz 802.11ac/ax VHT20/VHT40/VHT80/HE20/HE40/HE80 Bluetooth LE
Antenna Gain	**<For WWAN/5G NR>** WCDMA Band II : 3.94 dBi WCDMA Band IV : 3.22 dBi WCDMA Band V : 1.67 dBi LTE Band 2 : 3.90 dBi LTE Band 4 : 3.20 dBi LTE Band 5 : 1.70 dBi LTE Band 7 : 4.80 dBi LTE Band 12 : 2.10 dBi

	LTE Band 13 : 2.80 dBi LTE Band 14 : 1.80 dBi LTE Band 17 : 2.10 dBi LTE Band 25 : 3.90 dBi LTE Band 26 : 1.70 dBi LTE Band 30 : 4.70 dBi LTE Band 38 : 4.80 dBi LTE Band 41 : 4.80 dBi LTE Band 42 : 3.10 dBi LTE Band 43 : 3.30 dBi LTE Band 48 : 3.30 dBi LTE Band 66 : 3.50 dBi LTE Band 71 : 1.80 dBi n2: 1.70 dBi n5: 2.50 dBi n12: 2.11 dBi n25: 1.70 dBi n41 : 2.60 dBi n66: 2.80 dBi n71 : 1.70 dBi n77 : 3.90 dBi **<For Non-Beamforming>** **<Ant. 1>** WLAN 2.4GHz: gain 4.16 dBi WLAN 5.2GHz: gain 2.96 dBi WLAN 5.8GHz: gain 3.90 dBi **<Ant. 2>** WLAN 2.4GHz: gain 2.85 dBi WLAN 5.2GHz: gain 2.70 dBi WLAN 5.8GHz: gain 3.05 dBi **<Ant. 3>** WLAN 2.4GHz: gain 3.00 dBi WLAN 5.2GHz: gain 4.57 dBi WLAN 5.8GHz: gain 4.25 dBi **<Ant. 4>** WLAN 2.4GHz: gain 3.27 dBi WLAN 5.2GHz: gain 4.30 dBi WLAN 5.8GHz: gain 4.30 dBi **<For Beamforming MIMO>** WLAN 2.4GHz: gain 9.36 dBi WLAN 5.2GHz: gain 9.69 dBi WLAN 5.8GHz: gain 9.91 dBi **<For Bluetooth>** Bluetooth: gain 1.60 dBi
Antenna Type	WWAN : PCB Antenna 5G NR : PCB Antenna WLAN : PCB Antenna Bluetooth: PCB Antenna
HW Version	FG20003_SRT860H_V2.1
SW Version	2.52
EUT Stage	Identical Prototype

Remark:

1. The above EUT's information was declared by manufacturer. Please refer to the specifications or user's manual for more detailed description.
2. For LTE Band 43 support up to 64QAM, all other LTE bands support up to 256QAM.
3. This device supports HPUE for LTE band 41 with class 2 power level, so HPUE has been performed to do MPE analysis.
4. LTE band 42/43 covered by LTE band 48 with the same power level, so only chose LTE band 48 to perform to do MPE analysis.
5. For DFT-s-OFDM and CP-OFDM output power measurement reduction, according to maximum power

reduction for the CP-OFDM mode will not higher than DFT-s-OFDM mode, therefore, CP-OFDM measurement is unnecessary. We always chose higher power (DFT-s-OFDM mode) to perform MPE analysis.

6. 5GNR supports NSA and SA mode.
7. This device support beamforming for WLAN 2.4GHz 802.11ax HE20/HE40 and WLAN 5GHz 802.11ac/ax VHT20/ VHT40/VHT80/HE20/HE40/HE80.
8. For WLAN SISO & MIMO mode, the whole testing has assessed only MIMO mode by referring to the higher conducted power.
9. For WLAN CDD & Beamforming mode,the MPE calculation performed separately.
10. Beamforming Gain is calculated according to KDB662911.
11. This is a variant report. For model change note, Please refer to the FG2000-3, FG2000e-3_Class II Permissive Change letter which is exhibit separately. The difference is that enabled new ENDC combination and enabled 5GNR n77 by software. According to the difference, added new EN-DC combination and 5GNR n77 evaluation based on original report (Sporton Report Number FA082811-03).

Comments and Explanations:
1. 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.
2. The maximum RF output tune up power, antenna gain also the safe distance used for evaluate RF exposure were declared by manufacturer.

4. Maximum RF average output tune up power among production units

<WCDMA>

Mode		Maximum Average power(dBm)
WCDMA	Band II	24.00
	Band IV	24.00
	Band V	24.00

<LTE>

Mode		Maximum Average power(dBm)
LTE	Band 2	24.00
	Band 4	24.00
	Band 5	24.00
	Band 7	24.00
	Band 12	24.00
	Band 13	24.00
	Band 14	24.00
	Band 17	24.00
	Band 25	24.00
	Band 26	24.00
	Band 30	21.00
	Band 38	24.00
	Band 41	24.00
	Band 41-HPUE	26.50
	Band 42	19.50
	Band 43	19.50
	Band 48	19.50
	Band66	24.00
	Band71	24.00

<5G NR>

Mode		Maximum Average power(dBm)
5G NR	n2	24.00
	n5	24.00
	n12	24.00
	n25	24.00
	n41	24.00
	n66	24.00
	n71	24.00
	n77	25.00

<Bluetooth>

Mode	Maximum Average Power (dBm)
Bluetooth LE	0

<For CDD Mode>

<2.4GHz WLAN >

Mode		Maximum Average Power (dBm)				
		ANT1	ANT2	ANT3	ANT4	ANT1+2+3+4
2.4GHz	802.11b	20.00	20.00	20.00	20.00	
	802.11g	19.00	19.00	19.00	19.00	
	802.11n-HT20	19.00	19.00	19.00	19.00	25.00
	802.11n-HT40	19.00	19.00	19.00	19.00	25.00
	802.11ax-HE20	15.00	15.00	15.00	15.00	21.00
	802.11ax-HE40	15.00	15.00	15.00	15.00	21.00

<5GHz WLAN >

Mode		Maximum Average Power (dBm)				
		ANT1	ANT2	ANT3	ANT4	ANT1+2+3+4
5.2GHz	802.11a	19.00	19.00	19.00	19.00	
	802.11n-HT20	19.00	19.00	19.00	19.00	25.00
	802.11n-HT40	19.00	19.00	19.00	19.00	25.00
	802.11ac-VHT20	17.00	17.00	17.00	17.00	23.00
	802.11ac-VHT40	17.00	17.00	17.00	17.00	23.00
	802.11ac-VHT80	17.00	17.00	17.00	17.00	23.00
	802.11ax-HE20	15.00	15.00	15.00	15.00	21.00
	802.11ax-HE40	15.00	15.00	15.00	15.00	21.00
	802.11ax-HE80	15.00	15.00	15.00	15.00	21.00
5.8GHz	802.11a	13.00	13.00	13.00	13.00	
	802.11n-HT20	19.00	19.00	19.00	19.00	25.00
	802.11n-HT40	19.00	19.00	19.00	19.00	25.00
	802.11ac-VHT20	17.00	17.00	17.00	17.00	23.00
	802.11ac-VHT40	17.00	17.00	17.00	17.00	23.00
	802.11ac-VHT80	17.00	17.00	17.00	17.00	23.00
	802.11ax-HE20	15.00	15.00	15.00	15.00	21.00
	802.11ax-HE40	15.00	15.00	15.00	15.00	21.00
	802.11ax-HE80	15.00	15.00	15.00	15.00	21.00

Note:

1. WLAN2.4GHz/WLAN5GHz(except 802.11b/g/a) all support SISO/MIMO mode, we only chose MIMO tune up power to perform MPE calculation conservatively for MIMO power is higher.

<For Beamforming Mode>

<2.4GHz WLAN >

Mode		Maximum Average Power (dBm)
		MIMO
2.4GHz	802.11ax-HE20	17.00
	802.11ax-HE40	17.00

<5GHz WLAN >

Mode		Maximum Average Power (dBm)
		MIMO
5.2GHz	802.11ac-VHT20	19.00
	802.11ac-VHT40	19.00
	802.11ac-VHT80	19.00
	802.11ax-HE20	17.00
	802.11ax-HE40	16.00
	802.11ax-HE80	16.00
5.8GHz	802.11ac-VHT20	18.00
	802.11ac-VHT40	18.00
	802.11ac-VHT80	18.00
	802.11ax-HE20	16.00
	802.11ax-HE40	16.00
	802.11ax-HE80	16.00

Note: This device support beamforming for WLAN 2.4GHz 802.11ax HE20/HE40 and WLAN 5GHz 802.11ac/ax VHT20/ VHT40/VHT80/HE20/HE40/HE80.

5. RF Exposure Limit Introduction

1. Per 1.1307(b)(3), (i) For single RF sources (i.e., any single fixed RF source, mobile device, or portable device, as defined in paragraph (b)(2) of this section): A single RF source is exempt if:

(A) The available maximum time-averaged power is no more than 1 mW, regardless of separation distance. This exemption may not be used in conjunction with other exemption criteria other than those in paragraph (b)(3)(ii)(A) of this section. Medical implant devices may only use this exemption and that in paragraph (b)(3)(ii)(A);

(B) Or the available maximum time-averaged power or effective radiated power (ERP), whichever is greater, is less than or equal to the threshold Pth (mW) described in the following formula. This method shall only be used at separation distances (cm) from 0.5 centimeters to 40 centimeters and at frequencies from 0.3 GHz to 6 GHz (inclusive). Pth is given by:

$$\mathrm{P}_{th}\ (\mathrm{mW}) = \begin{cases} \mathrm{ERP}_{20\ cm}\ (\mathrm{d}/20\ \mathrm{cm})^{x} & d \le 20\ cm \\ \mathrm{ERP}_{20\ cm} & 20\ cm < d \le 40\ cm \end{cases} \quad [1]$$

Where $\mathrm{x} = -\log_{10}(\frac{60}{ERP_{20\ cm}\sqrt{f}})$ and f is in GHz [2]

and $\mathrm{ERP}_{20\ cm}\ (\mathrm{mW}) = \begin{cases} 2040\mathrm{f} & 0.3\ GHz < f \le 1.5\ GHz \\ 3060 & 1.5\ GHz < f \le 6\ GHz \end{cases}$ [3]

(C) Or using Table 1 and the minimum separation distance (R in meters) from the body of a nearby person for the frequency (f in MHz) at which the source operates, the ERP (watts) is no more than the calculated value prescribed for that frequency. For the exemption in Table 1 to apply, R must be at least λ/2π, where λ is the free-space operating wavelength in meters. If the ERP of a single RF source is not easily obtained, then the available maximum time-averaged power may be used in lieu of ERP if the physical dimensions of the radiating structure(s) do not exceed the electrical length of λ/4 or if the antenna gain is less than that of a half-wave dipole (1.64 linear value)

Table 1 to § 1.1307(b)(3)(i)(C) - Single RF Sources Subject to Routine Environmental Evaluation

RF Source frequency (MHz)	Threshold ERP (watts)
0.3-1.34	1,920 R^2
1.34-30	3,450 R^2 /f^2
30-300	3.83 R^2
300-1,500	0.0128 R^2 f
1,500-100,000	19.2 R^2

2. For multiple RF sources: Multiple RF sources are exempt if:

(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). This exemption may not be used in conjunction with other exemption criteria other than those is paragraph (b)(3)(i)(A) of this section. Medical implant devices may only use this exemption and that in paragraph (b)(3)(i)(A).

(B) In the case of ¦xed 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.

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

a. a = number of fixed, mobile, or portable RF sources claiming exemption using the § 1.1307(b)(3)(i)(B) formula for *P*th, including existing exempt transmitters and those being added.

b. b = number of fixed, mobile, or portable RF sources claiming exemption using the applicable § 1.1307(b)(3)(i)(C) Table 1 formula for Threshold ERP, including existing exempt transmitters and those being added.

c. c = number of existing fixed, mobile, or portable RF sources with known evaluation for the specified minimum distance.

d. *Pi,* the available maximum time-averaged power or the ERP, whichever is greater, for fixed, mobile, or portable RF source *i* at a distance between 0.5 cm and 40 cm (inclusive)

e. *P*th,*i* the exemption threshold power (*P*th) according to the § 1.1307(b)(3)(i)(B) formula for fixed, mobile, or portable RF source *i*.

f. *ERPj* the available maximum time-averaged power or the ERP, whichever is greater, of fixed, mobile, or portable RF source *j*.

g. *ERP*th,*j* exemption threshold ERP for fixed, mobile, or portable RF source *j*, at a distance of at least λ/2π, according to the applicable § 1.1307(b)(3)(i)(C) Table 1 formula at the location in question.

h. *Evaluatedk* the maximum reported SAR or MPE of fixed, mobile, or portable RF source *k* either in the device or at the transmitter site from an existing evaluation.

i. *Exposure Limitk* either the general population/uncontrolled maximum permissible exposure (MPE) or specific absorption rate (SAR) limit for each fixed, mobile, or portable sources RF source k, as applicable from § 1.1310 of this chapter.

j. The relationship between EIRP and ERP is: ERP (dBm) = EIRP - 2.15, Where EIRP is the sum of the conducted power (dBm) and the antenna gain (dBi)

The sum of the ratios of the applicable terms for SAR-based, MPE-based and measured SAR or MPE shall be less than 1, to determine simultaneous transmission exposure compliance

6. Radio Frequency Radiation Exposure Evaluation

6.1. Standalone assessment

Band	Antenna Gain (dBi)	Maximum Conducted Power (dBm)	Maximum EIRP (dBm)	Maximum ERP (dBm)	Maximum ERP (mW)	Separation Distance (cm)	Part1.1307 option(b) Threshold (mW)	Part1.1307 option(b) P/Pth
WCDMA Band 2	3.94	24.00	27.94	25.79	379.31	20	3060.000	0.124
WCDMA Band 4	3.22	24.00	27.22	25.07	321.37	20	3060.000	0.105
WCDMA Band 5	1.67	24.00	25.67	23.52	224.91	20	1680.960	0.149
LTE Band 2	3.90	24.00	27.90	25.75	375.84	20	3060.000	0.123
LTE Band 4	3.20	24.00	27.20	25.05	319.89	20	3060.000	0.105
LTE Band 5	1.70	24.00	25.70	23.55	226.46	20	1680.960	0.149
LTE Band 7	4.80	24.00	28.80	26.65	462.38	20	3060.000	0.151
LTE Band 12	2.10	24.00	26.10	23.95	248.31	20	1425.960	0.176
LTE Band 13	2.80	24.00	26.80	24.65	291.74	20	1585.080	0.184
LTE Band 14	1.80	24.00	25.80	23.65	231.74	20	1607.520	0.156
LTE Band 17	2.10	24.00	26.10	23.95	248.31	20	1436.160	0.175
LTE Band 25	3.90	24.00	27.90	25.75	375.84	20	3060.000	0.123
LTE Band 26	1.70	24.00	25.70	23.55	226.46	20	1660.560	0.151
LTE Band 30	4.70	21.00	25.70	23.55	226.46	20	3060.000	0.074
LTE Band 38	4.80	24.00	28.80	26.65	462.38	20	3060.000	0.151
LTE Band 41	4.80	26.50	31.30	29.15	822.24	20	3060.000	**0.269**
LTE Band 48	3.30	19.50	22.80	20.65	116.14	20	3060.000	0.038
LTE Band 66	3.50	24.00	27.50	25.35	342.77	20	3060.000	0.112
LTE Band 71	1.80	24.00	25.80	23.65	231.74	20	1352.520	0.186
5G NR n2	1.70	24.00	25.70	23.55	226.46	20	3060.000	0.082
5G NR n5	2.50	24.00	26.50	24.35	272.27	20	1680.960	0.162
5G NR n12	2.11	24.00	26.11	23.96	248.89	20	1425.960	0.176
5G NR n25	1.70	24.00	25.70	23.55	226.46	20	3060.000	0.082
5G NR n41	2.60	24.00	26.60	24.45	278.61	20	3060.000	0.091
5G NR n66	2.80	24.00	26.80	24.65	291.74	20	3060.000	0.095
5G NR n71	1.70	24.00	25.70	23.55	226.46	20	1352.520	**0.186**
5G NR n77	3.90	25.00	28.90	26.75	473.15	20	3060.000	0.155
WLAN2.4GHz	4.16	25.00	29.16	27.01	502.34	20	3060.000	**0.164**
WLAN5.2GHz	4.57	25.00	29.57	27.42	552.08	20	3060.000	**0.180**
WLAN5.8GHz	4.30	25.00	29.30	27.15	518.80	20	3060.000	0.170
Bluetooth	1.60	0.00	1.60	-0.55	0.88	20	3060.000	**0.000**

<For Beamforming mode>

Band	Antenna Gain (dBi)	Maximum Conducted Power (dBm)	Maximum EIRP (dBm)	Maximum ERP (dBm)	Maximum ERP (mW)	Separation Distance (cm)	Part1.1307 option(b) Threshold (mW)	Part1.1307 option(b) P/Pth
WLAN2.4GHz	9.36	17.00	26.36	24.21	263.63	20	3060.000	0.086
WLAN5.2GHz	9.69	19.00	28.69	26.54	450.82	20	3060.000	0.147
WLAN5.8GHz	9.91	18.00	27.91	25.76	376.70	20	3060.000	0.123

Note:

1. This device supports HPUE for LTE band 41 with class 2 power level, so HPUE has been performed standalone to do MPE analysis.
2. LTE band 42/43 covered by LTE band 48 with the same power level, so only chose LTE band 48 to perform to do MPE analysis.
3. This device support beamforming for WLAN 2.4GHz 802.11ax HE20/HE40 and WLAN 5GHz 802.11 ac/ax VHT20/ VHT40/VHT80/HE20/HE40/HE80.
4. Beamforming Gain is calculated according to FCC KDB662911.

6.2. Simultaneous Transmission MPE Test Exemption

WWAN P/Pth Ratio	5GNR P/Pth Ratio	WLAN 2.4GHz P/Pth Ratio	Sum of the Ratio WWAN + 5GNR + WLAN 2.4GHz
0.269	0.186	0.164	0.619
WWAN P/Pth Ratio	**5GNR P/Pth Ratio**	**WLAN 5GHz P/Pth Ratio**	**Sum of the Ratio WWAN + 5GNR + WLAN 5GHz**
0.269	0.186	0.180	0.635
WWAN P/Pth Ratio	**5GNR P/Pth Ratio**	**Bluetooth P/Pth Ratio**	**Sum of the Ratio WWAN + 5GNR + Bluetooth**
0.269	0.186	0.000	0.455

Note:

1. For colocation analysis, LTE Band41-HPUE is chosen for summation due to the highest (P/Pth Ratio) among all WWAN wireless modes.
2. For colocation analysis, 5GNR n71 is chosen for summation due to the highest (P/Pth Ratio) among all 5GNR modes.
3. Chose the worst P/Pth Ratio among WLAN2.4/5GHz to do co-located.
4. According to Part1.1307 (b)(3)(i)(B), the P/Pth is using for Sim-Tx analysis, above table was showing summation ratio is smaller than 1.

Conclusion:

According to 47 CFR §1.1307, the RF exposure analysis concludes that the RF Exposure is FCC compliant.

------THE END------