RF EXPOSURE EVALUATION REPORT

FCC ID	:	**2A4DH-3967**
Equipment	:	**Digital Media Receiver**
Model Name	:	**GA5Z9L**
Applicant	:	**Amazon.com Services LLC** **410 Terry Avenue N, Seattle, WA 98109-5210 United States**
Standard	:	**47 CFR Part 1.1307** **47 CFR Part 2.1091**

We, SPORTON INTERNATIONAL INC has been evaluated this product in accordance with 47 CFR Part 1.1307 47 CFR Part2.1091 and it complies with applicable limit.

Sporton Lab is accredited to ISO 17025 by Taiwan Accreditation Foundation (TAF code: 1190) and the FCC designation No. TW1190 under the FCC 2.948(e) by Mutual Recognition Agreement (MRA) in FCC evaluation.

The results in this report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC. Laboratory, the test report shall not be reproduced except in full

Cona Huang

Approved by: Cona Huang / Deputy Manager

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History of this test report

Report No.	Version	Description	Issued Date
FA211819-01	Rev. 01	Initial issue of report	Jul. 12, 2022

1. Description of Equipment Under Test (EUT)

Product Feature & Specification	
EUT Type	Digital Media Receiver
Model Name	GA5Z9L
FCC ID	2A4DH-3967
Wireless Technology and Frequency Range	WLAN 2.4 GHz Band: 2400 MHz ~ 2483.5 MHz WLAN 5.2 GHz Band: 5150 MHz ~ 5250 MHz WLAN 5.3 GHz Band: 5250 MHz ~ 5350 MHz WLAN 5.6 GHz Band: 5470 MHz ~ 5725 MHz WLAN 5.8 GHz Band: 5725 MHz ~ 5850 MHz WLAN 6E: 5925 MHz ~ 6425 MHz, 6425 MHz ~ 6525 MHz, 6525 MHz ~ 6875 MHz, 6875 MHz ~ 7125 MHz Bluetooth: 2400 MHz ~ 2483.5 MHz
Mode	WLAN: 802.11a/b/g/n/ac/ax HT20/HT40/VHT20/VHT40/VHT80/HE20/HE40/HE80 Bluetooth BR/EDR/LE

Remark: The above EUT's information was declared by manufacturer. Please refer to the specifications or user's manual for more detailed description.

Reviewed by: Jason Wang

Report Producer: Carlie Tsai

2. Maximum RF average output power among production units

<Bluetooth>

Band	Channel	Frequency	Data rate/BW	Ant.	Tune up (Average power)
BT3.0	CH 00	2402 MHz	1M	2	13.50
BT3.0	CH 39	2441 MHz	1M	2	13.50
BT3.0	CH 78	2480 MHz	1M	2	13.50
BT5.0	CH 00	2402 MHz	1M	2	6.50
BT5.0	CH 19	2440 MHz	1M	2	6.50
BT5.0	CH 39	2480 MHz	1M	2	6.00
BT5.0	CH 00	2402 MHz	2M	2	6.50
BT5.0	CH 19	2440 MHz	2M	2	6.50
BT5.0	CH 39	2480 MHz	2M	2	6.00

<2.4GHz WLAN>

Band	Channel	Frequency	Data rate/BW	Ant.	Tune up (Average power)
802.11b	CH 01	2412 MHz	1M	0+1 (CDD)	18.00
802.11b	CH 06	2437 MHz	1M	0+1 (CDD)	18.00
802.11b	CH 11	2462 MHz	1M	0+1 (CDD)	18.50
802.11b	CH 12	2467 MHz	1M	0+1 (CDD)	16.50
802.11b	CH 13	2472 MHz	1M	0+1 (CDD)	12.50
802.11g	CH 01	2412 MHz	6M	0+1 (CDD)	18.50
802.11g	CH 06	2437 MHz	6M	0+1 (CDD)	18.50
802.11g	CH 11	2462 MHz	6M	0+1 (CDD)	18.50
802.11g	CH 12	2467 MHz	6M	0+1 (CDD)	17.00
802.11g	CH 13	2472 MHz	6M	0+1 (CDD)	13.00
802.11n HT20	CH 01	2412 MHz	MCS 0	0+1 (CDD)	17.50
802.11n HT20	CH 06	2437 MHz	MCS 0	0+1 (CDD)	17.50
802.11n HT20	CH 11	2462 MHz	MCS 0	0+1 (CDD)	17.50
802.11n HT20	CH 12	2467 MHz	MCS 0	0+1 (CDD)	15.00
802.11n HT20	CH 13	2472 MHz	MCS 0	0+1 (CDD)	10.00
802.11ax HE20	CH 01	2412 MHz	MCS 0	0+1 (CDD)	17.00
802.11ax HE20	CH 06	2437 MHz	MCS 0	0+1 (CDD)	17.00
802.11ax HE20	CH 11	2462 MHz	MCS 0	0+1 (CDD)	16.50
802.11ax HE20	CH 12	2467 MHz	MCS 0	0+1 (CDD)	15.00
802.11ax HE20	CH 13	2472 MHz	MCS 0	0+1 (CDD)	11.50

<5GHz WLAN>

Band	Channel	Frequency	Data rate/BW	Ant.	Tune up (Average power)
802.11a	CH36	5180 MHz	6M	0+1 (CDD)	18.00
802.11a	CH44	5220 MHz	6M	0+1 (CDD)	18.00
802.11a	CH48	5240 MHz	6M	0+1 (CDD)	18.00
802.11n HT20	CH36	5180 MHz	MCS 0	0+1 (CDD)	18.50
802.11n HT20	CH44	5220 MHz	MCS 0	0+1 (CDD)	18.50
802.11n HT20	CH48	5240 MHz	MCS 0	0+1 (CDD)	18.00
802.11n HT40	CH38	5190 MHz	MCS 0	0+1 (CDD)	18.00
802.11n HT40	CH46	5230 MHz	MCS 0	0+1 (CDD)	18.00
802.11ac VHT20	CH36	5180 MHz	MCS 0	0+1 (CDD)	18.50
802.11ac VHT20	CH44	5220 MHz	MCS 0	0+1 (CDD)	18.50
802.11ac VHT20	CH48	5240 MHz	MCS 0	0+1 (CDD)	18.00
802.11ac VHT40	CH38	5190 MHz	MCS 0	0+1 (CDD)	18.00
802.11ac VHT40	CH46	5230 MHz	MCS 0	0+1 (CDD)	18.00
802.11ac VHT80	CH42	5210 MHz	MCS 0	0+1 (CDD)	15.00
802.11ax HE20	CH36	5180 MHz	MCS 0	0+1 (CDD)	18.50
802.11ax HE20	CH44	5220 MHz	MCS 0	0+1 (CDD)	18.50
802.11ax HE20	CH48	5240 MHz	MCS 0	0+1 (CDD)	18.50
802.11ax HE40	CH38	5190 MHz	MCS 0	0+1 (CDD)	18.00
802.11ax HE40	CH46	5230 MHz	MCS 0	0+1 (CDD)	18.50
802.11ax HE80	CH42	5210 MHz	MCS 0	0+1 (CDD)	15.00

Band	Channel	Frequency	Data rate/BW	Ant.	Tune up (Average power)
802.11a	CH52	5260 MHz	6M	0+1 (CDD)	18.00
802.11a	CH60	5300 MHz	6M	0+1 (CDD)	18.50
802.11a	CH64	5320 MHz	6M	0+1 (CDD)	18.00
802.11n HT20	CH52	5260 MHz	MCS 0	0+1 (CDD)	18.50
802.11n HT20	CH60	5300 MHz	MCS 0	0+1 (CDD)	18.50
802.11n HT20	CH64	5320 MHz	MCS 0	0+1 (CDD)	18.50
802.11n HT40	CH54	5270 MHz	MCS 0	0+1 (CDD)	18.50
802.11n HT40	CH62	5310 MHz	MCS 0	0+1 (CDD)	15.50
802.11ac VHT20	CH52	5260 MHz	MCS 0	0+1 (CDD)	18.50
802.11ac VHT20	CH60	5300 MHz	MCS 0	0+1 (CDD)	18.50
802.11ac VHT20	CH64	5320 MHz	MCS 0	0+1 (CDD)	18.50
802.11ac VHT40	CH54	5270 MHz	MCS 0	0+1 (CDD)	18.50
802.11ac VHT40	CH62	5310 MHz	MCS 0	0+1 (CDD)	15.50
802.11ac VHT80	CH58	5290 MHz	MCS 0	0+1 (CDD)	13.50
802.11ax HE20	CH52	5260 MHz	MCS 0	0+1 (CDD)	18.50
802.11ax HE20	CH60	5300 MHz	MCS 0	0+1 (CDD)	19.00
802.11ax HE20	CH64	5320 MHz	MCS 0	0+1 (CDD)	18.50
802.11ax HE40	CH54	5270 MHz	MCS 0	0+1 (CDD)	19.00
802.11ax HE40	CH62	5310 MHz	MCS 0	0+1 (CDD)	15.50
802.11ax HE80	CH58	5290 MHz	MCS 0	0+1 (CDD)	13.50

Band	Channel	Frequency	Data rate/BW	Ant.	Tune up (Average power)
802.11a	CH100	5500 MHz	6M	0+1 (CDD)	18.50
802.11a	CH116	5580 MHz	6M	0+1 (CDD)	18.50
802.11a	CH140	5700 MHz	6M	0+1 (CDD)	18.50
802.11a	CH144	5720 MHz	6M	0+1 (CDD)	18.00
802.11n HT20	CH100	5500 MHz	MCS 0	0+1 (CDD)	19.00
802.11n HT20	CH116	5580 MHz	MCS 0	0+1 (CDD)	19.00
802.11n HT20	CH140	5700 MHz	MCS 0	0+1 (CDD)	18.50
802.11n HT20	CH144	5720 MHz	MCS 0	0+1 (CDD)	19.00
802.11n HT40	CH102	5510 MHz	MCS 0	0+1 (CDD)	19.00
802.11n HT40	CH110	5550 MHz	MCS 0	0+1 (CDD)	19.00
802.11n HT40	CH134	5670 MHz	MCS 0	0+1 (CDD)	19.00
802.11n HT40	CH142	5710 MHz	MCS 0	0+1 (CDD)	20.00
802.11ac VHT20	CH100	5500 MHz	MCS 0	0+1 (CDD)	19.00
802.11ac VHT20	CH116	5580 MHz	MCS 0	0+1 (CDD)	19.00
802.11ac VHT20	CH140	5700 MHz	MCS 0	0+1 (CDD)	18.50
802.11ac VHT20	CH144	5720 MHz	MCS 0	0+1 (CDD)	19.00
802.11ac VHT40	CH102	5510 MHz	MCS 0	0+1 (CDD)	19.00
802.11ac VHT40	CH110	5550 MHz	MCS 0	0+1 (CDD)	19.00
802.11ac VHT40	CH134	5670 MHz	MCS 0	0+1 (CDD)	19.00
802.11ac VHT40	CH142	5710 MHz	MCS 0	0+1 (CDD)	20.00
802.11ac VHT80	CH106	5530 MHz	MCS 0	0+1 (CDD)	17.50
802.11ac VHT80	CH122	5610 MHz	MCS 0	0+1 (CDD)	19.00
802.11ac VHT80	CH138	5690 MHz	MCS 0	0+1 (CDD)	19.00
802.11ax HE20	CH100	5500 MHz	MCS 0	0+1 (CDD)	19.00
802.11ax HE20	CH116	5580 MHz	MCS 0	0+1 (CDD)	19.00
802.11ax HE20	CH140	5700 MHz	MCS 0	0+1 (CDD)	18.50
802.11ax HE20	CH144	5720 MHz	MCS 0	0+1 (CDD)	19.00
802.11ax HE40	CH102	5510 MHz	MCS 0	0+1 (CDD)	19.00
802.11ax HE40	CH110	5590 MHz	MCS 0	0+1 (CDD)	19.00
802.11ax HE40	CH134	5670 MHz	MCS 0	0+1 (CDD)	19.00
802.11ax HE40	CH142	5710 MHz	MCS 0	0+1 (CDD)	20.00
802.11ax HE80	CH106	5530 MHz	MCS 0	0+1 (CDD)	17.50
802.11ax HE80	CH122	5610 MHz	MCS 0	0+1 (CDD)	19.00
802.11ax HE80	CH138	5690 MHz	MCS 0	0+1 (CDD)	19.50

Band	Channel	Frequency	Data rate/BW	Ant.	Tune up (Average power)
802.11a	CH149	5745 MHz	6M	0+1 (CDD)	20.00
802.11a	CH157	5785 MHz	6M	0+1 (CDD)	19.50
802.11a	CH165	5825 MHz	6M	0+1 (CDD)	19.50
802.11n HT20	CH149	5745 MHz	MCS 0	0+1 (CDD)	19.50
802.11n HT20	CH157	5785 MHz	MCS 0	0+1 (CDD)	19.50
802.11n HT20	CH165	5825 MHz	MCS 0	0+1 (CDD)	19.50
802.11n HT40	CH151	5755 MHz	MCS 0	0+1 (CDD)	20.00
802.11n HT40	CH159	5795 MHz	MCS 0	0+1 (CDD)	19.50
802.11ac VHT20	CH149	5745 MHz	MCS 0	0+1 (CDD)	19.50
802.11ac VHT20	CH157	5785 MHz	MCS 0	0+1 (CDD)	19.50
802.11ac VHT20	CH165	5825 MHz	MCS 0	0+1 (CDD)	19.50
802.11ac VHT40	CH151	5755 MHz	MCS 0	0+1 (CDD)	20.00
802.11ac VHT40	CH159	5795 MHz	MCS 0	0+1 (CDD)	19.50
802.11ac VHT80	CH155	5775 MHz	MCS 0	0+1 (CDD)	19.50
802.11ax HE20	CH149	5745 MHz	MCS 0	0+1 (CDD)	20.00
802.11ax HE20	CH157	5785 MHz	MCS 0	0+1 (CDD)	20.00
802.11ax HE20	CH165	5825 MHz	MCS 0	0+1 (CDD)	19.50
802.11ax HE40	CH151	5755 MHz	MCS 0	0+1 (CDD)	20.00
802.11ax HE40	CH159	5795 MHz	MCS 0	0+1 (CDD)	19.50
802.11ax HE80	CH155	5775 MHz	MCS 0	0+1 (CDD)	19.50

<6GHz WLAN>

Band	Channel	Frequency	Data rate/BW	Ant.	Tune up (Average power)
802.11a	CH001	5955 MHz	6M	0	2.00
802.11a	CH049	6195 MHz	6M	0	2.00
802.11a	CH093	6415 MHz	6M	0	2.00
802.11a	CH001	5955 MHz	6M	0+1 (CDD)	-1.00
802.11a	CH049	6195 MHz	6M	0+1 (CDD)	-1.00
802.11a	CH093	6415 MHz	6M	0+1 (CDD)	-1.00
802.11ax HE20	CH001	5955 MHz	MCS 0	0+1 (CDD)	0.00
802.11ax HE20	CH049	6195 MHz	MCS 0	0+1 (CDD)	-0.50
802.11ax HE20	CH093	6415 MHz	MCS 0	0+1 (CDD)	-0.50
802.11ax HE40	CH003	5965 MHz	MCS 0	0+1 (CDD)	1.50
802.11ax HE40	CH051	6205 MHz	MCS 0	0+1 (CDD)	2.00
802.11ax HE40	CH091	6405 MHz	MCS 0	0+1 (CDD)	1.50
802.11ax HE80	CH007	5985 MHz	MCS 0	0+1 (CDD)	4.50
802.11ax HE80	CH055	6225 MHz	MCS 0	0+1 (CDD)	4.50
802.11ax HE80	CH087	6385 MHz	MCS 0	0+1 (CDD)	4.00

Band	Channel	Frequency	Data rate/BW	Ant.	Tune up (Average power)
802.11a	CH097	6435 MHz	6M	0	3.00
802.11a	CH105	6475 MHz	6M	0	3.00
802.11a	CH113	6515 MHz	6M	0	3.00
802.11a	CH097	6435 MHz	6M	0+1 (CDD)	-0.50
802.11a	CH105	6475 MHz	6M	0+1 (CDD)	-0.50
802.11a	CH113	6515 MHz	6M	0+1 (CDD)	0.00
802.11ax HE20	CH097	6435 MHz	MCS 0	0+1 (CDD)	0.00
802.11ax HE20	CH105	6475 MHz	MCS 0	0+1 (CDD)	0.00
802.11ax HE20	CH113	6515 MHz	MCS 0	0+1 (CDD)	0.50
802.11ax HE40	CH099	6445 MHz	MCS 0	0+1 (CDD)	2.50
802.11ax HE40	CH107	6485 MHz	MCS 0	0+1 (CDD)	2.50
802.11ax HE40	CH115	6525 MHz	MCS 0	0+1 (CDD)	2.50
802.11ax HE80	CH103	6465 MHz	MCS 0	0+1 (CDD)	5.00
802.11ax HE80	CH119	6545 MHz	MCS 0	0+1 (CDD)	5.50

Band	Channel	Frequency	Data rate/BW	Ant.	Tune up (Average power)
802.11a	CH117	6535 MHz	6M	0	3.00
802.11a	CH149	6695 MHz	6M	0	3.00
802.11a	CH181	6855 MHz	6M	0	3.00
802.11a	CH185	6875 MHz	6M	0	3.00
802.11a	CH117	6535 MHz	6M	0+1 (CDD)	0.00
802.11a	CH149	6695 MHz	6M	0+1 (CDD)	0.00
802.11a	CH181	6855 MHz	6M	0+1 (CDD)	0.00
802.11a	CH185	6875 MHz	6M	0+1 (CDD)	0.00
802.11ax HE20	CH117	6535 MHz	MCS 0	0+1 (CDD)	0.50
802.11ax HE20	CH149	6695 MHz	MCS 0	0+1 (CDD)	0.50
802.11ax HE20	CH181	6855 MHz	MCS 0	0+1 (CDD)	0.50
802.11ax HE20	CH185	6875 MHz	MCS 0	0+1 (CDD)	0.50
802.11ax HE40	CH123	6565 MHz	MCS 0	0+1 (CDD)	2.50
802.11ax HE40	CH147	6685 MHz	MCS 0	0+1 (CDD)	2.00
802.11ax HE40	CH179	6845 MHz	MCS 0	0+1 (CDD)	2.50
802.11ax HE40	CH187	6885 MHz	MCS 0	0+1 (CDD)	2.00
802.11ax HE80	CH135	6625 MHz	MCS 0	0+1 (CDD)	6.00
802.11ax HE80	CH151	6705 MHz	MCS 0	0+1 (CDD)	6.00
802.11ax HE80	CH167	6785 MHz	MCS 0	0+1 (CDD)	6.00
802.11ax HE80	CH183	6865 MHz	MCS 0	0+1 (CDD)	5.50

Band	Channel	Frequency	Data rate/BW	Ant.	Tune up (Average power)
802.11a	CH189	6895 MHz	6M	0	3.00
802.11a	CH209	6995 MHz	6M	0	3.00
802.11a	CH229	7095 MHz	6M	0	3.50
802.11a	CH233	7115 MHz	6M	0	2.00
802.11a	CH189	6895 MHz	6M	0+1 (CDD)	-1.00
802.11a	CH209	6995 MHz	6M	0+1 (CDD)	0.00
802.11a	CH229	7095 MHz	6M	0+1 (CDD)	0.50
802.11a	CH233	7115 MHz	6M	0+1 (CDD)	0.00
802.11ax HE20	CH189	6895 MHz	MCS 0	0+1 (CDD)	0.50
802.11ax HE20	CH209	6995 MHz	MCS 0	0+1 (CDD)	0.50
802.11ax HE20	CH229	7095 MHz	MCS 0	0+1 (CDD)	0.50
802.11ax HE20	CH233	7115 MHz	MCS 0	0+1 (CDD)	0.50
802.11ax HE40	CH195	6925 MHz	MCS 0	0+1 (CDD)	2.50
802.11ax HE40	CH211	7005 MHz	MCS 0	0+1 (CDD)	2.50
802.11ax HE40	CH227	7085 MHz	MCS 0	0+1 (CDD)	2.50
802.11ax HE80	CH199	6945 MHz	MCS 0	0+1 (CDD)	5.00
802.11ax HE80	CH215	7025 MHz	MCS 0	0+1 (CDD)	5.50

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.

TABLE B.1—THRESHOLDS FOR SINGLE RF SOURCES SUBJECT TO ROUTINE ENVIRONMENTAL EVALUATION

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^2f
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.						

The table applies to any RF source (i.e., single fixed, mobile, and portable transmitters) and specifies power and distance criteria for each of the five frequency ranges used for the MPE limits. These criteria apply at separation distances from any part of the radiating structure of at least λ/2π. The thresholds are based on the general population MPE limits with a single perfect reflection, outside of the reactive near-field, and in the main beam of the radiator. For mobile devices that are not exempt per Table B.1 [Table 1 of § 1.1307(b)(1)(i)(C)] at distances from 20 cm to 40 cm and in 0.3 GHz to 6 GHz, evaluation of compliance with the exposure limits in § 1.1310 is necessary if the ERP of the device is greater than ERP20cm in Formula (B.1) [repeated from § 2.1091(c)(1) and § 1.1307(b)(1)(i)(B)].

$$P_{\text{th}}\,(\text{mW}) = ERP_{20\,\text{cm}}\,(\text{mW}) = \begin{cases} 2040f & 0.3\ \text{GHz} \le f < 1.5\ \text{GHz} \\ 3060 & 1.5\ \text{GHz} \le f \le 6\ \text{GHz} \end{cases} \qquad \text{(B. 1)}$$

4. RF Exposure Evaluation

4.1. Standalone assessment

Separation distance: 20 cm

Band	Antenna Gain (dBi)	Maximum Conducted Power (dBm)	Maximum EIRP (dBm)	Maximum ERP (dBm)	Maximum EIRP (mW)	Maximum ERP (mW)	P_{th}	P_{th} (mW)	Part1.1307 option(b) Threshold (mW)	Part1.1307 option(b) P/Pth
WLAN2.4GHz Band	3.01	18.50	21.51	19.36	141.58	86.30	19.36	86.30	3060.000	0.028
WLAN5GHz Band	5.75	20.00	25.75	23.60	375.84	229.09	23.60	229.09	3060.000	0.075
Bluetooth	3.34	13.50	16.84	14.69	48.31	29.44	14.69	29.44	3060.000	0.010

Band	Antenna Gain (dBi)	Maximum Conducted Power (dBm)	Maximum EIRP (dBm)	Maximum ERP (dBm)	Maximum EIRP (mW)	Maximum ERP (mW)	P_{th}	P_{th} (mW)	option(c) Threshold (mW)	Part1.1307 option(c) ERP/ERPth
WLAN6GHz Band	6.64	5.50	12.14	9.99	16.37	9.98	9.99	9.98	768.000	0.013

5. Simultaneous Transmission MPE Test Exemption

Either SAR-based or MPE-based exemption may be considered for test exemption for fixed, mobile, or portable device exposure conditions; therefore, the contributions from each exemption in conjunction with the measured SAR (*Evaluatedk* term) shall be used to determine exemption for simultaneous transmission according to Formula (C.1) [repeated from § 1.1307(b)(3)(ii)(B)].

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

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. 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. 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, as applicable.

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

<WLAN 2.4GHz + BT>

WLAN 2.4GHz P/Pth Ratio	Bluetooth P/Pth Ratio	Sum of the Ratio WLAN 2.4GHz + Bluetooth
0.028	0.010	0.038

<WLAN 5GHz + BT>

WLAN 5GHz P/Pth Ratio	Bluetooth P/Pth Ratio	Sum of the Ratio WLAN 5GHz + Bluetooth
0.075	0.010	0.085

<WLAN 2.4GHz + WLAN 5GHz>

WLAN 2.4GHz P/Pth Ratio	WLAN 5GHz P/Pth Ratio	Sum of the Ratio WLAN 2.4GHz + WLAN 5GHz
0.028	0.075	0.103

<WLAN 5GHz + WLAN 6GHz>

WLAN 5GHz P/Pth Ratio	WLAN 6GHz ERP/ERPth Ratio	Sum of the Ratio WLAN 5GHz + WLAN 6GHz
0.075	0.013	0.088

Note:

1. According part1.1307b and part1.1307c, the P/Pth and ERP/ERPth Ratio 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.