

Maximum Permissible Exposure Evaluation

FCC ID: 2AMM6-8852BER3BB

1. Client Information

Applicant	:	Earda Technologies Co., Ltd
Address	:	Block A, LianFeng Creative Industry Park, 2 JiSheng Road., HuangGe Town, NanSha District, Guangzhou, PRC.
Manufacturer	:	Earda Technologies Co., Ltd
Address	:	Block A, LianFeng Creative Industry Park, 2 JiSheng Road., HuangGe Town, NanSha District, Guangzhou, PRC.

2. General Description of EUT

EUT Name	:	WiFi & BT combo module
Models No.	:	EWN-8852BER3BB-HF, EWN-8852BER3BB
Model Different	:	All these models are identical in the layout and electrical circuit, The only difference is Model EWN-8852BER3BB-HF PCB is halogen free, The PCB of model EWN-8852BER3BB contains halogen.
Product Description	:	Operation Frequency: U-NII-1: 5180MHz~5240MHz U-NII-2A: 5260MHz~5320MHz U-NII-2C: 5500MHz~5700MHz U-NII-3: 5745MHz~5825MHz 802.11b/g/n(HT20)/ax(HE20): 2412MHz~2462MHz 802.11n(HT40)/ax(HE40): 2422MHz~2452MHz Bluetooth 5.2(BER+EDR): 2402MHz~2480MHz Bluetooth 5.2(BLE): 2402MHz~2480MHz
Power Rating	:	DC 3.3V
Software Version	:	6001.0.15.106
Hardware Version	:	A1.1
Remark	:	The adapter and antenna gain provided by the applicant, the verified for the RF conduction test provided by TOBY test lab.

Method Of Measurement for FCC

1. Max. Antenna Gain:

Band	Antenna Type	Antenna Gain		
		Antenna 0	Antenna 1	Antenna 2
Bluetooth	PCB	2	1	1
2.4G WiFi		1	2	2
U-NII-1		1	2	2
U-NII-2A		1	2	2
U-NII-2C		1	2	2
U-NII-3		1	2	2

2. EUT Operation Condition:

Software provided by client enabled the EUT to transmit and receive data at lowest, middle and highest channel individually.

3. Exposure Evaluation:

Equation from page 18 of OET Bulletin 65, Edition 97-01

$$S=(PG)/4\pi R^2$$

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

Simultaneous transmission MPE Considerations

According to KDB447498: All transmitters and antennas in the host must be either evaluated for MPE compliance, by measurement or computational modeling, or qualify for the standalone MPE test exclusion in section 7.1. Simultaneous transmission MPE test exclusion applies when the sum of the MPE ratios for all simultaneous transmitting antennas incorporated in a host device, based on the calculated/estimated, numerically modeled or measured field strengths or power density, is ≤ 1.0 .

This means that:

$$\sum \text{ of MPE ratios } \leq 1.0$$

4. Test Result:

Bluetooth MPE Result								
Mode	N _{TX}	Freq. (MHz)	Conducted Power(max) (dBm)	Turn-up Power (dB)	Max tune up power (dBm) [P]	ANT Gain (dBi) [G]	Distance (cm) [R]	Power Density (mW/ cm ²) [S]
GFSK	1	2402	4.67	5±1	6	2	20	0.0013
		2441	4.28	4±1	5	2	20	0.0010
		2480	4.03	4±1	5	2	20	0.0010
π/4-DQPSK	1	2402	6.51	7±1	8	2	20	0.0020
		2441	5.98	6±1	7	2	20	0.0016
		2480	5.69	6±1	7	2	20	0.0016
8-DPSK	1	2402	7.54	8±1	9	2	20	0.0025
		2441	6.6	7±1	8	2	20	0.0020
		2480	5.88	6±1	7	2	20	0.0016

Note:

N_{TX}= Number of Transmit Antennas

RF Output power specifies that Maximum Conducted Peak Output Power.

BLE MPE Result								
Mode	N _{TX}	Freq. (MHz)	Conducted Power(max) (dBm)	Turn-up Power (dB)	Max tune up power (dBm) [P]	ANT Gain (dBi) [G]	Distance (cm) [R]	Power Density (mW/ cm ²) [S]
GFSK (1Mbps)	1	2402	4.26	4±1	5	2	20	0.0010
		2440	4.35	4±1	5	2	20	0.0010
		2480	4.03	4±1	5	2	20	0.0010
GFSK (2Mbps)	1	2402	4.31	4±1	5	2	20	0.0010
		2440	4.35	4±1	5	2	20	0.0010
		2480	4.06	4±1	5	2	20	0.0010

Note:

N_{TX}= Number of Transmit Antennas

RF Output power specifies that Maximum Conducted Peak Output Power.

2.4G WiFi MPE Result

Test Mode	Antenna	Channel	Conducted Power(max) (dBm)	Turn-up Power (dB)	Max tune up power (dBm) [P]	ANT Gain (dBi) [G]	Distance (cm) [R]	Power Density (mW/ cm ²) [S]
11B	Ant1	2412	20.44	20±1	21	2	20	0.0397
	Ant2	2412	20.01	20±1	21	2	20	0.0397
	Ant1	2437	20.19	20±1	21	2	20	0.0397
	Ant2	2437	19.86	20±1	21	2	20	0.0397
	Ant1	2462	19.26	19±1	20	2	20	0.0315
	Ant2	2462	20.64	21±1	22	2	20	0.0500
11G	Ant1	2412	20.45	20±1	21	2	20	0.0397
	Ant2	2412	20.52	21±1	22	2	20	0.0500
	Ant1	2437	20.39	20±1	21	2	20	0.0397
	Ant2	2437	20.54	21±1	22	2	20	0.0500
	Ant1	2462	20.57	21±1	22	2	20	0.0500
	Ant2	2462	20.60	21±1	22	2	20	0.0500
11N20	Ant1	2412	17.90	18±1	19	2	20	0.0250
	Ant2	2412	17.50	18±1	19	2	20	0.0250
	total	2412	20.71	/	/	/	/	/
	Ant1	2437	17.78	18±1	19	2	20	0.0250
	Ant2	2437	17.71	18±1	19	2	20	0.0250
	total	2437	20.76	/	/	/	/	/
	Ant1	2462	17.81	18±1	19	2	20	0.0250
	Ant2	2462	17.60	18±1	19	2	20	0.0250
	total	2462	20.72	/	/	/	/	/
11N40	Ant1	2422	18.08	18±1	19	2	20	0.0250
	Ant2	2422	17.92	18±1	19	2	20	0.0250
	total	2422	21.01	/	/	/	/	/
	Ant1	2437	18.06	18±1	19	2	20	0.0250
	Ant2	2437	18.00	18±1	19	2	20	0.0250
	total	2437	21.04	/	/	/	/	/
	Ant1	2452	18.16	18±1	19	2	20	0.0250
	Ant2	2452	18.34	18±1	19	2	20	0.0250
	total	2452	21.26	/	/	/	/	/
11AX20	Ant1	2412	17.68	18±1	19	2	20	0.0250
	Ant2	2412	17.40	17±1	18	2	20	0.0199
	total	2412	20.55	/	/	/	/	/
	Ant1	2437	18.10	18±1	19	2	20	0.0250
	Ant2	2437	17.63	18±1	19	2	20	0.0250
	total	2437	20.88	/	/	/	/	/
	Ant1	2462	17.98	18±1	19	2	20	0.0250
	Ant2	2462	17.97	18±1	19	2	20	0.0250
	total	2462	20.99	/	/	/	/	/

11AX40	Ant1	2422	18.05	18 ± 1	19	2	20	0.0250
	Ant2	2422	18.06	18 ± 1	19	2	20	0.0250
	total	2422	21.07	/	/	/	/	/
	Ant1	2437	18.11	18 ± 1	19	2	20	0.0250
	Ant2	2437	18.03	18 ± 1	19	2	20	0.0250
	total	2437	21.08	/	/	/	/	/
	Ant1	2452	18.28	18 ± 1	19	2	20	0.0250
	Ant2	2452	18.16	18 ± 1	19	2	20	0.0250
	total	2452	21.23	/	/	/	/	/

Note: RF Output power specifies that Maximum Conducted Peak Output Power.

5G Wi-Fi(U-NII-1) MPE Result

Test Mode	Antenna	Channel	Conducted Power(max) (dBm)	Turn-up Power (dB)	Max tune up power (dBm) [P]	ANT Gain (dBi) [G]	Distance (cm) [R]	Power Density (mW/ cm ²) [S]
11A	Ant1	5180	19.59	20±1	21	2	20	0.0397
	Ant2	5180	19.73	20±1	21	2	20	0.0397
	Ant1	5220	19.58	20±1	21	2	20	0.0397
	Ant2	5220	19.60	20±1	21	2	20	0.0397
	Ant1	5240	19.70	20±1	21	2	20	0.0397
	Ant2	5240	19.71	20±1	21	2	20	0.0397
11N20	Ant1	5180	16.78	17±1	18	2	20	0.0199
	Ant2	5180	16.65	17±1	18	2	20	0.0199
	total	5180	19.73	/	/	/	/	/
	Ant1	5220	16.71	17±1	18	2	20	0.0199
	Ant2	5220	16.16	16±1	17	2	20	0.0158
	total	5220	19.45	/	/	/	/	/
	Ant1	5240	16.74	17±1	18	2	20	0.0199
	Ant2	5240	16.33	16±1	17	2	20	0.0158
11N40	Ant1	5190	18.43	18±1	19	2	20	0.0100
	Ant2	5190	18.33	18±1	19	2	20	0.0126
	total	5190	21.39	/	/	/	/	/
	Ant1	5230	18.67	19±1	20	2	20	0.0315
	Ant2	5230	18.47	18±1	19	2	20	0.0100
	total	5230	21.58	/	/	/	/	/
11AC20	Ant1	5180	16.88	17±1	18	2	20	0.0199
	Ant2	5180	16.53	17±1	18	2	20	0.0199
	total	5180	19.72	/	/	/	/	/
	Ant1	5220	16.97	17±1	18	2	20	0.0199
	Ant2	5220	16.55	17±1	18	2	20	0.0199
	total	5220	19.78	/	/	/	/	/
	Ant1	5240	16.99	17±1	18	2	20	0.0199
	Ant2	5240	16.25	16±1	17	2	20	0.0158
11AC40	Ant1	5190	18.43	18±1	19	2	20	0.0250
	Ant2	5190	18.33	18±1	19	2	20	0.0250
	total	5190	21.39	/	/	/	/	/
	Ant1	5230	18.67	19±1	20	2	20	0.0315
	Ant2	5230	18.47	18±1	19	2	20	0.0250
	total	5230	21.58	/	/	/	/	/
11AC80	Ant1	5210	18.34	18±1	19	2	20	0.0250
	Ant2	5210	18.69	19±1	20	2	20	0.0315
	total	5210	21.53	/	/	/	/	/
11AX20	Ant1	5180	16.66	17±1	18	2	20	0.0199
	Ant2	5180	16.38	16±1	17	2	20	0.0158
	total	5180	19.53	/	/	/	/	/
	Ant1	5220	16.77	17±1	18	2	20	0.0199
	Ant2	5220	16.50	17±1	18	2	20	0.0199

	total	5220	19.65	/	/	/	/	/
	Ant1	5240	16.98	17 ± 1	18	2	20	0.0199
	Ant2	5240	16.21	16 ± 1	17	2	20	0.0158
	total	5240	19.62	/	/	/	/	/
11AX40	Ant1	5190	18.22	18 ± 1	19	2	20	0.0250
	Ant2	5190	18.42	18 ± 1	19	2	20	0.0250
	total	5190	21.33	/	/	/	/	/
	Ant1	5230	18.32	18 ± 1	19	2	20	0.0250
	Ant2	5230	18.50	19 ± 1	20	2	20	0.0315
	total	5230	21.42	/	/	/	/	/
11AX80	Ant1	5210	18.72	19 ± 1	20	2	20	0.0126
	Ant2	5210	18.81	19 ± 1	20	2	20	0.0315
	total	5210	21.78	/	/	/	/	/

Note: RF Output power specifies that Maximum Conducted Peak Output Power.

5G Wi-Fi(U-NII-2A) MPE Result

Test Mode	Antenna	Channel	Conducted Power(max) (dBm)	Turn-up Power (dB)	Max tune up power (dBm) [P]	ANT Gain (dBi) [G]	Distance (cm) [R]	Power Density (mW/ cm ²) [S]
11A	Ant1	5260	19.79	20±1	21	2	20	0.0397
	Ant2	5260	19.44	19±1	20	2	20	0.0315
	Ant1	5300	19.99	20±1	21	2	20	0.0397
	Ant2	5300	19.55	20±1	21	2	20	0.0397
	Ant1	5320	19.63	20±1	21	2	20	0.0397
	Ant2	5320	19.81	20±1	21	2	20	0.0397
11N20	Ant1	5260	18.37	18±1	19	2	20	0.0250
	Ant2	5260	17.91	18±1	19	2	20	0.0250
	total	5260	21.16	/	/	/	/	/
	Ant1	5300	18.10	18±1	19	2	20	0.0250
	Ant2	5300	17.53	18±1	19	2	20	0.0250
	total	5300	20.83	/	/	/	/	/
	Ant1	5320	18.29	18±1	19	2	20	0.0250
	Ant2	5320	17.52	18±1	19	2	20	0.0250
	total	5320	20.93	/	/	/	/	/
11N40	Ant1	5270	18.58	19±1	20	2	20	0.0315
	Ant2	5270	18.11	18±1	19	2	20	0.0250
	total	5270	21.36	/	/	/	/	/
	Ant1	5310	18.41	18±1	19	2	20	0.0250
	Ant2	5310	18.16	18±1	19	2	20	0.0250
	total	5310	21.30	/	/	/	/	/
11AC20	Ant1	5260	18.39	18±1	19	2	20	0.0250
	Ant2	5260	17.45	17±1	18	2	20	0.0100
	total	5260	20.96	/	/	/	/	/
	Ant1	5300	18.13	18±1	19	2	20	0.0250
	Ant2	5300	17.59	18±1	19	2	20	0.0250
	total	5300	20.88	/	/	/	/	/
	Ant1	5320	18.29	18±1	19	2	20	0.0126
	Ant2	5320	17.59	18±1	19	2	20	0.0126
	total	5320	20.96	/	/	/	/	/
11AC40	Ant1	5270	18.58	19±1	20	2	20	0.0315
	Ant2	5270	18.11	18±1	19	2	20	0.0250
	total	5270	21.36	/	/	/	/	/
	Ant1	5310	18.41	18±1	19	2	20	0.0250
	Ant2	5310	18.16	18±1	19	2	20	0.0250
	total	5310	21.30	/	/	/	/	/
11AC80	Ant1	5290	18.68	19±1	20	2	20	0.0315
	Ant2	5290	18.29	18±1	19	2	20	0.0250
	total	5290	21.50	/	/	/	/	/
11AX20	Ant1	5260	18.27	18±1	19	2	20	0.0250
	Ant2	5260	17.71	18±1	19	2	20	0.0250
	total	5260	21.01	/	/	/	/	/
	Ant1	5300	18.37	18±1	19	2	20	0.0250
	Ant2	5300	17.82	18±1	19	2	20	0.0250

	total	5300	21.11	/	/	/	/	/
	Ant1	5320	18.45	18 ± 1	19	2	20	0.0250
	Ant2	5320	17.60	18 ± 1	19	2	20	0.0250
	total	5320	21.06	/	/	2	/	/
11AX40	Ant1	5270	18.49	18 ± 1	19	2	20	0.0250
	Ant2	5270	18.11	18 ± 1	19	2	20	0.0250
	total	5270	21.31	/	/	2	/	/
	Ant1	5310	18.46	18 ± 1	19	2	20	0.0250
	Ant2	5310	18.17	18 ± 1	19	2	20	0.0250
	total	5310	21.33	/	/	2	/	/
11AX80	Ant1	5290	18.85	19 ± 1	20	2	20	0.0315
	Ant2	5290	18.40	18 ± 1	19	2	20	0.0250
	total	5290	21.64	/	/	/	/	/

Note: RF Output power specifies that Maximum Conducted Peak Output Power.

5G Wi-Fi(U-NII-2C) MPE Result								
Mode	Antenna	Channel	Conducted Power(max) (dBm)	Turn-up Power (dB)	Max tune up power (dBm) [P]	ANT Gain (dBi) [G]	Distance (cm) [R]	Power Density (mW/ cm ²) [S]
11A	Ant1	5500	20.34	20±1	21	2	20	0.0397
	Ant2	5500	19.65	20±1	21	2	20	0.0397
	Ant1	5580	19.93	20±1	21	2	20	0.0397
	Ant2	5580	20.04	20±1	21	2	20	0.0397
	Ant1	5700	19.59	20±1	21	2	20	0.0397
	Ant2	5700	20.01	20±1	21	2	20	0.0397
11N20	Ant1	5500	18.72	19±1	20	2	20	0.0315
	Ant2	5500	17.53	18±1	19	2	20	0.0250
	total	5500	21.18	/	/	/	/	/
	Ant1	5580	18.58	19±1	20	2	20	0.0315
	Ant2	5580	17.96	18±1	19	2	20	0.0250
	total	5580	21.29	/	/	/	/	/
	Ant1	5700	17.90	18±1	19	2	20	0.0250
	Ant2	5700	18.17	18±1	19	2	20	0.0250
11N40	Ant1	5510	18.87	19±1	20	2	20	0.0315
	Ant2	5510	18.29	18±1	19	2	20	0.0250
	total	5510	21.60	/	/	/	/	/
	Ant1	5550	18.84	19±1	20	2	20	0.0315
	Ant2	5550	18.29	18±1	19	2	20	0.0250
	total	5550	21.58	/	/	/	/	/
	Ant1	5670	18.20	18±1	19	2	20	0.0250
	Ant2	5670	18.70	19±1	20	2	20	0.0315
11AC20	Ant1	5500	18.56	19±1	20	2	20	0.0315
	Ant2	5500	17.52	18±1	19	2	20	0.0250
	total	5500	21.08	/	/	/	/	/
	Ant1	5580	18.77	18±1	19	2	20	0.0250
	Ant2	5580	18.18	18±1	19	2	20	0.0250
	total	5580	21.50	/	/	/	/	/
	Ant1	5700	18.15	18±1	19	2	20	0.0250
	Ant2	5700	18.02	18±1	19	2	20	0.0250
11AC40	Ant1	5510	18.87	19±1	20	2	20	0.0315
	Ant2	5510	18.29	18±1	19	2	20	0.0250
	total	5510	21.60	/	/	/	/	/
	Ant1	5550	18.84	19±1	20	2	20	0.0315
	Ant2	5550	18.29	18±1	19	2	20	0.0250
	total	5550	21.58	/	/	/	/	/
	Ant1	5670	18.20	18±1	19	2	20	0.0250
	Ant2	5670	18.70	18±1	19	2	20	0.0250
11AC80	Ant1	5530	18.92	19±1	20	2	20	0.0315
	Ant2	5530	18.06	18±1	19	2	20	0.0250
	total	5530	21.52	/	/	/	/	/

	Ant1	5610	18.91	19 ± 1	20	2	20	0.0315
	Ant2	5610	18.57	19 ± 1	20	2	20	0.0315
	total	5610	21.75	/	/	/	/	/
11AX20	Ant1	5500	18.84	19 ± 1	20	2	20	0.0315
	Ant2	5500	17.54	18 ± 1	19	2	20	0.0250
	total	5500	21.25	/	/	/	/	/
	Ant1	5580	18.75	19 ± 1	20	2	20	0.0315
	Ant2	5580	18.15	18 ± 1	19	2	20	0.0250
	total	5580	21.47	/	/	/	/	/
	Ant1	5700	17.91	18 ± 1	19	2	20	0.0250
	Ant2	5700	18.23	18 ± 1	19	2	20	0.0250
	total	5700	21.08	/	/	/	/	/
11AX40	Ant1	5510	18.88	19 ± 1	20	2	20	0.0315
	Ant2	5510	17.97	18 ± 1	19	2	20	0.0250
	total	5510	21.46	/	/	/	/	/
	Ant1	5550	18.70	19 ± 1	20	2	20	0.0315
	Ant2	5550	18.09	18 ± 1	19	2	20	0.0250
	total	5550	21.42	/	/	/	/	/
	Ant1	5670	18.32	18 ± 1	19	2	20	0.0250
	Ant2	5670	18.63	19 ± 1	20	2	20	0.0315
	total	5670	21.49	/	/	/	/	/
11AX80	Ant1	5530	19.00	19 ± 1	20	2	20	0.0315
	Ant2	5530	18.31	18 ± 1	19	2	20	0.0250
	total	5530	21.68	/	/	/	/	/
	Ant1	5610	18.94	19 ± 1	20	2	20	0.0315
	Ant2	5610	18.51	19 ± 1	20	2	20	0.0315
	total	5610	21.74	/	/	/	/	/

Note: RF Output power specifies that Maximum Conducted Peak Output Power.

5G Wi-Fi(U-NII-3) MPE Result

Test Mode	Antenna	Channel	Conducted Power(max) (dBm)	Turn-up Power (dB)	Max tune up power (dBm) [P]	ANT Gain (dBi) [G]	Distance (cm) [R]	Power Density (mW/ cm ²) [S]
11A	Ant1	5745	19.69	20±1	21	2	20	0.0397
	Ant2	5745	19.96	20±1	21	2	20	0.0397
	Ant1	5785	19.37	19±1	20	2	20	0.0315
	Ant2	5785	19.90	20±1	21	2	20	0.0397
	Ant1	5825	19.40	19±1	20	2	20	0.0315
	Ant2	5825	19.53	20±1	21	2	20	0.0397
11N20	Ant1	5745	18.16	18±1	19	2	20	0.0250
	Ant2	5745	17.99	18±1	19	2	20	0.0250
	total	5745	21.09	/	/	/	/	/
	Ant1	5785	18.11	18±1	19	2	20	0.0250
	Ant2	5785	17.93	18±1	19	2	20	0.0250
	total	5785	21.03	/	/	/	/	/
	Ant1	5825	17.80	18±1	19	2	20	0.0250
	Ant2	5825	17.99	18±1	19	2	20	0.0250
11N40	Ant1	5755	18.08	18±1	19	2	20	0.0250
	Ant2	5755	18.58	19±1	20	2	20	0.0315
	total	5755	21.35	/	/	/	/	/
	Ant1	5795	18.14	18±1	19	2	20	0.0250
	Ant2	5795	18.28	18±1	19	2	20	0.0250
	total	5795	21.22	/	/	/	/	/
11AC20	Ant1	5745	17.89	18±1	19	2	20	0.0250
	Ant2	5745	18.17	18±1	19	2	20	0.0250
	total	5745	21.04	/	/	/	/	/
	Ant1	5785	17.68	18±1	19	2	20	0.0250
	Ant2	5785	17.87	18±1	19	2	20	0.0250
	total	5785	20.79	/	/	/	/	/
	Ant1	5825	17.93	18±1	19	2	20	0.0250
	Ant2	5825	18.03	18±1	19	2	20	0.0250
11AC40	Ant1	5755	18.08	18±1	19	2	20	0.0250
	Ant2	5755	18.58	19±1	20	2	20	0.0315
	total	5755	21.35	/	/	/	/	/
	Ant1	5795	18.14	18±1	19	2	20	0.0250
	Ant2	5795	18.28	18±1	19	2	20	0.0250
	total	5795	21.22	/	/	/	/	/
11AC80	Ant1	5775	18.10	18±1	19	2	20	0.0250
	Ant2	5775	18.43	18±1	19	2	20	0.0250
	total	5775	21.28	/	/	/	/	/
11AX20	Ant1	5745	18.01	18±1	19	2	20	0.0250
	Ant2	5745	17.92	18±1	19	2	20	0.0250
	total	5745	20.98	/	/	/	/	/
	Ant1	5785	18.02	18±1	19	2	20	0.0250
	Ant2	5785	18.07	18±1	19	2	20	0.0250

	total	5785	21.06	/	/	/	/	/
	Ant1	5825	18.14	18 ± 1	19	2	20	0.0250
	Ant2	5825	17.87	18 ± 1	19	2	20	0.0250
	total	5825	21.02	/	/	/	/	/
11AX40	Ant1	5755	18.09	18 ± 1	19	2	20	0.0250
	Ant2	5755	18.39	18 ± 1	19	2	20	0.0250
	total	5755	21.25	/	/	/	/	/
	Ant1	5795	18.13	18 ± 1	19	2	20	0.0250
	Ant2	5795	18.48	18 ± 1	19	2	20	0.0250
	total	5795	21.32	/	/	/	/	/
11AX80	Ant1	5775	18.46	18 ± 1	19	2	20	0.0250
	Ant2	5775	18.52	19 ± 1	20	2	20	0.0315
	total	5775	21.50	/	/	/	/	/

Note: RF Output power specifies that Maximum Conducted Peak Output Power.

5. Conclusion:

As specified in Table 1B of 47 CFR 1.1310- Limits for Maximum Permissible Exposure (MPE),

Limits for General Population/ Uncontrolled Exposure

Frequency Range (MHz)	Power density (mW/ cm ²)
300-1,500	F/1500
1,500-100,000	1.0

For:2402~2480MHz&2412~2462MHz&5180~5825MHz

MPE limit S: 1mW/ cm²

6. Summary simultaneous transmission results

WiFi and Bluetooth support simultaneous transmit the

5GWIFI ANT1 MPE (Ratio)	5GWIFI ANT2 MPE (Ratio)	BLE MPE (Ratio)	simultaneous MPE (Ratio)	MPE Limits (Ratio)
0.0397	0.0397	0.0025	0.0819	1.0000

So, RF exposure limit warning or SAR test are not required.

The EUT will only be used with a separation of 20cm or greater between the antenna and nearby persons and can therefore be considered a mobile transmitter per 47 CFR2.1091 (b). The RF Exposure Information page from the manual is included here for reference.

-----END OF REPORT-----