

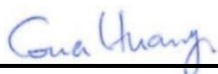
RF Exposure Evaluation

(Mobile Condition)

FCC ID : A4RG6QU3
Equipment : Phone
Model Name : G6QU3
Applicant : Google LLC
1600 Amphitheatre Parkway,
Mountain View, California, 94043 USA
Standard : 47 CFR Part 2.1091

We, SPORTON INTERNATIONAL INC has been evaluated in accordance with 47 CFR Part 2.1091 for the device and pass the limit.

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



Approved by: Cona Huang / Deputy Manager

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History of this test report

Report No.	Version	Description	Issued Date
FA050515C	Rev. 01	Initial issue of report	Aug. 05, 2020

1. Description of Equipment Under Test (EUT)

Product Feature & Specification	
Equipment Name	Phone
Model Name	G6QU3
FCC ID	A4RG6QU3
Wireless Technology and Frequency Range	GSM850: 824.2 MHz ~ 848.8 MHz GSM1900: 1850.2 MHz ~ 1909.8 MHz WCDMA Band II: 1850 MHz ~ 1910 MHz WCDMA Band IV: 1710 MHz ~ 1755 MHz WCDMA Band V: 824 MHz ~ 849 MHz CDMA2000 BC0: 824.7 MHz ~ 848.31 MHz CDMA 2000 BC1: 1851.25 MHz ~ 1908.75 MHz CDMA 2000 BC10: 817.9 MHz ~ 823.1 MHz LTE Band 2: 1850 MHz ~ 1910 MHz LTE Band 4: 1710 MHz ~ 1755 MHz LTE Band 5: 824 MHz ~ 849 MHz LTE Band 7: 2500 MHz ~ 2570 MHz LTE Band 12: 699 MHz ~ 716 MHz LTE Band 13: 777 MHz ~ 787 MHz LTE Band 14: 788 MHz ~ 798 MHz LTE Band 17: 704 MHz ~ 716 MHz LTE Band 25: 1850 MHz ~ 1915 MHz LTE Band 26: 814 MHz ~ 849 MHz LTE Band 30: 2305 MHz ~ 2315 MHz LTE Band 38: 2570 MHz ~ 2620 MHz LTE Band 41: 2496 MHz ~ 2690 MHz LTE Band 48: 3550 MHz ~ 3700 MHz LTE Band 66: 1710 MHz ~ 1780 MHz LTE Band 71: 663 MHz ~ 698 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 n66 : 1710 MHz ~ 1780 MHz 5G NR n71 : 663 MHz ~ 698 MHz 5G NR n260: 37GHz ~ 40GHz 5G NR n261: 27.5GHz ~ 28.35GHz WLAN 2.4GHz Band: 2412 MHz ~ 2462 MHz WLAN 5.2GHz Band: 5150 MHz ~ 5250 MHz WLAN 5.3GHz Band: 5250 MHz ~ 5350 MHz WLAN 5.6GHz Band: 5470 MHz ~ 5725 MHz WLAN 5.8GHz Band: 5725 MHz ~ 5825 MHz Bluetooth: 2400 MHz ~ 2483.5 MHz NFC : 13.56 MHz
Mode	GSM/GPRS/EGPRS RMC/AMR 12.2Kbps HSDPA HSUPA DC-HSDPA CDMA2000 : 1xRTT/1xEv-Do(Rev.0)/1xEv-Do(Rev.A) LTE: QPSK, 16QAM, 64QAM, 5G NR: DFT-s-OFDM/CP-OFDM, Pi/2 BPSK/QPSK/16QAM/64QAM/256QAM WLAN: 802.11a/b/g/n/ac HT20/HT40/VHT20/VHT40/VHT80 Bluetooth BR/EDR/LE NFC:ASK

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: Wan Liu



2. Maximum Tune-up Limit

General Note:

1. For each cellular band, the device has 5 antennas, the antenna selection is based on the connection quality condition, and only one antenna will transmit at a time.
2. The maximum power of the WWAN antenna will be selected to evaluate the power density

<WWAN Maximum Power>

Config0			Maximum Transmit Power Level (dBm)
Radio Tech	Band Number	Antenna name	Default
GSM1Tx	850	ANT0	33.5
GSM2Tx	850	ANT0	32.5
GSM3Tx	850	ANT0	30.5
GSM4Tx	850	ANT0	29.5
EGPRS1Tx	850	ANT0	27.5
EGPRS2Tx	850	ANT0	27.0
EGPRS3Tx	850	ANT0	25.0
EGPRS4Tx	850	ANT0	23.0
GSM1Tx	1900	ANT2	30.5
GSM2Tx	1900	ANT2	29.7
GSM3Tx	1900	ANT2	28.0
GSM4Tx	1900	ANT2	27.0
EGPRS1Tx	1900	ANT2	26.5
EGPRS2Tx	1900	ANT2	26.0
EGPRS3Tx	1900	ANT2	25.0
EGPRS4Tx	1900	ANT2	24.0
WCDMA AMR/RMC	B2	ANT2	25.7
WCDMA HSDPA/HSUPA	B2	ANT2	24.7
WCDMA AMR/RMC	B4	ANT2	25.7
WCDMA HSDPA/HSUPA	B4	ANT2	24.7
WCDMA AMR/RMC	B5	ANT0	25.0
WCDMA HSDPA/HSUPA	B5	ANT0	24.0
CDMA	BC0	ANT0	25.5
CDMA	BC1	ANT2	25.5
CDMA	BC10	ANT0	25.5
LTE	B2	ANT2	25.7
LTE	B4	ANT2	25.7
LTE	B5	ANT0	25.7
LTE	B7	ANT2	25.7
LTE	B12	ANT0	25.7
LTE	B13	ANT0	25.2
LTE	B14	ANT0	25.7
LTE	B17	ANT0	25.7
LTE	B25	ANT2	25.7
LTE	B26	ANT0	25.7
LTE	B30	ANT2	23.7
LTE	B38	ANT2	25.7
LTE	B41	ANT2	25.7
LTE	B41_HPUE	ANT2	27.5
LTE	B48	ANT7	25.2
LTE	B66	ANT2	25.7



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LTE	B71	ANT0	25.7
5G FR1	n2	ANT2	25.7
5G FR1	n5	ANT0	25.0
5G FR1	n12	ANT0	24.7
5G FR1	n25	ANT2	25.7
5G FR1	n66	ANT2	25.7
5G FR1	n71	ANT0	25.7



Config1			Secondary Transmitter Maximum Transmit Power Level (dBm)
Radio Tech	Band Number	Antenna name	Default
GSM1Tx	850	ANT1	33.5
GSM2Tx	850	ANT1	32.5
GSM3Tx	850	ANT1	30.5
GSM4Tx	850	ANT1	29.5
EGPRS1Tx	850	ANT1	27.5
EGPRS2Tx	850	ANT1	27.0
EGPRS3Tx	850	ANT1	25.0
EGPRS4Tx	850	ANT1	23.0
GSM1Tx	1900	ANT0	30.0
GSM2Tx	1900	ANT0	29.2
GSM3Tx	1900	ANT0	27.5
GSM4Tx	1900	ANT0	26.5
EGPRS1Tx	1900	ANT0	26.0
EGPRS2Tx	1900	ANT0	25.5
EGPRS3Tx	1900	ANT0	24.5
EGPRS4Tx	1900	ANT0	23.5
WCDMA AMR/RMC	B2	ANT0	25.7
WCDMA HSDPA/HSUPA	B2	ANT0	24.7
WCDMA AMR/RMC	B4	ANT0	25.7
WCDMA HSDPA/HSUPA	B4	ANT0	24.7
WCDMA AMR/RMC	B5	ANT1	25.0
WCDMA HSDPA/HSUPA	B5	ANT1	24.0
CDMA	BC0	ANT1	25.5
CDMA	BC1	ANT0	25.5
CDMA	BC10	ANT1	25.5
LTE	B2	ANT0	25.7
LTE	B4	ANT0	25.7
LTE	B5	ANT1	25.7
LTE	B7	ANT0	25.7
LTE	B12	ANT1	25.7
LTE	B13	ANT1	25.2
LTE	B14	ANT1	25.7
LTE	B17	ANT1	25.7
LTE	B25	ANT0	25.7
LTE	B26	ANT1	25.7
LTE	B30	ANT0	23.7
LTE	B38	ANT0	25.7
LTE	B41	ANT0	25.7
LTE	B41HPUE	ANT0	27.5
LTE	B48	ANT2	22.3
LTE	B66	ANT0	25.7
LTE	B71	ANT1	25.7
5G FR1	n2	ANT0	25.7
5G FR1	n5	ANT1	25.0
5G FR1	n12	ANT1	24.7
5G FR1	n25	ANT0	25.7
5G FR1	n66	ANT0	25.7
5G FR1	n71	ANT1	25.7

**<WLAN Maximum Power>****<2.4GHz WLAN>**

Transmit Antenna				SISO	SISO	MIMO		
2.4GHz WLAN	Mode	Channel	Frequency (MHz)	Ant 4 Tune-Up Limit	Ant 3 Tune-Up Limit	Ant 4+3(4) Tune-Up Limit	Ant 4+3(3) Tune-Up Limit	Ant 4+3 Tune-Up Limit
	802.11b 1Mbps	1	2412	19.50	19.50	19.50	19.50	22.5
		6	2437	19.50	19.50	19.50	19.50	22.5
		11	2462	19.50	19.50	19.50	19.50	22.5
	802.11g 6Mbps	1	2412	16.00	16.00	16.00	16.00	19.0
		6	2437	19.50	19.50	19.50	19.50	22.5
		11	2462	16.50	16.50	16.50	16.50	19.5
	802.11n-HT20 MCS0	1	2412	15.00	15.00	15.00	15.00	18.0
		6	2437	19.50	19.50	19.50	19.50	22.5
		11	2462	15.50	15.50	15.50	15.50	18.5
	802.11ac-VHT20 MCS0	1	2412	14.50	14.50	14.50	14.50	17.5
		6	2437	19.50	19.50	19.50	19.50	22.5
		11	2462	15.50	15.50	15.50	15.50	18.5

<5GHz WLAN>

Transmit Antenna				SISO	SISO	MIMO		
5.2GHz WLAN	Mode	Channel	Frequency (MHz)	Ant 4 Tune-Up Limit	Ant 3 Tune-Up Limit	Ant 4+3(4) Tune-Up Limit	Ant 4+3(3) Tune-Up Limit	Ant 4+3 Tune-Up Limit
	802.11a 6Mbps	36	5180	17.50	17.50	17.50	17.50	20.5
		40	5200	18.00	18.00	18.00	18.00	21.0
		44	5220	18.00	18.00	18.00	18.00	21.0
		48	5240	17.50	17.50	17.50	17.50	20.5
	802.11n-HT20 MCS0	36	5180	17.50	17.50	17.50	17.50	20.5
		40	5200	18.00	18.00	18.00	18.00	21.0
		44	5220	18.00	18.00	18.00	18.00	21.0
		48	5240	17.50	17.50	17.50	17.50	20.5
	802.11n-HT40 MCS0	38	5190	16.00	16.00	16.00	16.00	19.0
		46	5230	17.50	17.50	17.50	17.50	20.5
	802.11ac-VHT20 MCS0	36	5180	17.50	17.50	17.50	17.50	20.5
		40	5200	18.00	18.00	18.00	18.00	21.0
		44	5220	18.00	18.00	18.00	18.00	21.0
		48	5240	17.50	17.50	17.50	17.50	20.5
	802.11ac-VHT40 MCS0	38	5190	16.00	16.00	16.00	16.00	19.0
		46	5230	17.50	17.50	17.50	17.50	20.5
	802.11ac-VHT80 MCS0	42	5210	15.00	15.00	15.00	15.00	18.0



Transmit Antenna				SISO	SISO	MIMO		
5.3GHz WLAN	Mode	Channel	Frequency (MHz)	Ant 4 Tune-Up Limit	Ant 3 Tune-Up Limit	Ant 4+3(4) Tune-Up Limit	Ant 4+3(3) Tune-Up Limit	Ant 4+3 Tune-Up Limit
	802.11a 6Mbps	52	5260	18.00	18.00	18.00	18.00	21.0
		56	5280	17.50	17.50	17.50	17.50	20.5
		60	5300	17.50	17.50	17.50	17.50	20.5
		64	5320	17.50	17.50	17.50	17.50	20.5
	802.11n-HT20 MCS0	52	5260	18.00	18.00	18.00	18.00	21.0
		56	5280	17.50	17.50	17.50	17.50	20.5
		60	5300	17.50	17.50	17.50	17.50	20.5
		64	5320	17.00	17.00	17.00	17.00	20.0
	802.11n-HT40 MCS0	54	5270	17.50	17.50	17.50	17.50	20.5
		62	5310	16.50	16.50	16.50	16.50	19.5
	802.11ac-VHT20 MCS0	52	5260	18.00	18.00	18.00	18.00	21.0
		56	5280	17.50	17.50	17.50	17.50	20.5
		60	5300	17.50	17.50	17.50	17.50	20.5
		64	5320	17.00	17.00	17.00	17.00	20.0
	802.11ac-VHT40 MCS0	54	5270	17.50	17.50	17.50	17.50	20.5
		62	5310	16.50	16.50	16.50	16.50	19.5
	802.11ac-VHT80 MCS0	58	5290	16.00	16.00	16.00	16.00	19.0



Transmit Antenna				SISO	SISO	MIMO		
	Mode	Channel	Frequency (MHz)	Ant 4 Tune-Up Limit	Ant 3 Tune-Up Limit	Ant 4+3(4) Tune-Up Limit	Ant 4+3(3) Tune-Up Limit	Ant 4+3 Tune-Up Limit
5.5GHz WLAN	802.11a 6Mbps	100	5500	18.50	18.50	18.50	18.50	21.5
		116	5580	18.50	18.50	18.50	18.50	21.5
		124	5620	18.50	18.50	18.50	18.50	21.5
		132	5660	18.50	18.50	18.50	18.50	21.5
		144	5720	18.50	18.50	18.50	18.50	21.5
	802.11n-HT20 MCS0	100	5500	18.50	18.50	18.50	18.50	21.5
		116	5580	18.50	18.50	18.50	18.50	21.5
		124	5620	18.50	18.50	18.50	18.50	21.5
		132	5660	18.50	18.50	18.50	18.50	21.5
		144	5720	18.50	18.50	18.50	18.50	21.5
	802.11n-HT40 MCS0	102	5510	17.00	17.00	17.00	17.00	20.0
		110	5550	17.50	17.50	17.50	17.50	20.5
		126	5630	17.50	17.50	17.50	17.50	20.5
		134	5670	17.50	17.50	17.50	17.50	20.5
		142	5710	17.50	17.50	17.50	17.50	20.5
	802.11ac-VHT20 MCS0	100	5500	18.50	18.50	18.50	18.50	21.5
		116	5580	18.50	18.50	18.50	18.50	21.5
		124	5620	18.50	18.50	18.50	18.50	21.5
		132	5660	18.50	18.50	18.50	18.50	21.5
		144	5720	18.50	18.50	18.50	18.50	21.5
	802.11ac-VHT40 MCS0	102	5510	17.00	17.00	17.00	17.00	20.0
		110	5550	17.50	17.50	17.50	17.50	20.5
		126	5630	17.50	17.50	17.50	17.50	20.5
		134	5670	17.50	17.50	17.50	17.50	20.5
		142	5710	17.50	17.50	17.50	17.50	20.5
	802.11ac-VHT80 MCS0	106	5530	16.00	16.00	16.00	16.00	19.0
		122	5610	17.50	17.50	17.50	17.50	20.5
		138	5690	17.50	17.50	17.50	17.50	20.5

Transmit Antenna				SISO	SISO	MIMO		
5.8GHz WLAN	Mode	Channel	Frequency (MHz)	Ant 4 Tune-Up Limit	Ant 3 Tune-Up Limit	Ant 4+3(4) Tune-Up Limit	Ant 4+3(3) Tune-Up Limit	Ant 4+3 Tune-Up Limit
	802.11a 6Mbps	149	5745	18.50	18.50	18.50	18.50	21.5
		157	5785	18.50	18.50	18.50	18.50	21.5
		165	5825	17.00	17.00	17.00	17.00	20.0
	802.11n-HT20 MCS0	149	5745	18.50	18.50	18.50	18.50	21.5
		157	5785	18.50	18.50	18.50	18.50	21.5
		165	5825	18.50	18.50	18.50	18.50	21.5
	802.11n-HT40 MCS0	151	5755	17.50	17.50	17.50	17.50	20.5
		159	5795	17.50	17.50	17.50	17.50	20.5
	802.11ac-VHT20 MCS0	149	5745	18.50	18.50	18.50	18.50	21.5
		157	5785	18.50	18.50	18.50	18.50	21.5
		165	5825	18.50	18.50	18.50	18.50	21.5
	802.11ac-VHT40 MCS0	151	5755	17.50	17.50	17.50	17.50	20.5
		159	5795	17.50	17.50	17.50	17.50	20.5
	802.11ac-VHT80 MCS0	155	5775	17.50	17.50	17.50	17.50	20.5

<Bluetooth Maximum Power>

Mode	Average power (dBm)				
	BR / EDR			LE	
	1Mbps	2Mbps	3Mbps	1Mbps	2Mbps
Tune-up Limit	18	18	18	11.5	11.5



3. RF Exposure Limit Introduction

According to ANSI/IEEE C95.1-1992, the criteria listed in Table 1 shall be used to evaluate the environmental impact of human exposure to radio frequency (RF) radiation as specified in §1.1310.

Frequency range (MHz)	Electric field strength (V/m)	Magnetic field strength (A/m)	Power density (mW/cm ²)	Averaging time (minutes)
(A) Limits for Occupational/Controlled Exposures				
0.3-3.0	614	1.63	*(100)	6
3.0-30	1842/f	4.89/f	*(900/f ²)	6
30-300	61.4	0.163	1.0	6
300-1500			f/300	6
1500-100,000			5	6
(B) Limits for General Population/Uncontrolled Exposure				
0.3-1.34	614	1.63	*(100)	30
1.34-30	824/f	2.19/f	*(180/f ²)	30
30-300	27.5	0.073	0.2	30
300-1500			f/1500	30
1500-100,000			1.0	30

The MPE was calculated at 20 cm to show compliance with the power density limit.

The following formula was used to calculate the Power Density:

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

Where:

S = Power Density

P = Output Power at Antenna Terminals

G = Gain of Transmit Antenna (linear gain)

R = Distance from Transmitting Antenna



4. Radio Frequency Radiation Exposure Evaluation

4.1. Power Density Calculation

Band	Antenna Gain (dBi)	Maximum Power (dBm)	Maximum EIRP (dBm)	Maximum EIRP (W)	Average EIRP (mW)	Power Density at 20cm (mW/cm ²)	Limit (mW/cm ²)	Power Density / Limit
GSM 850 (1 Tx slot)	-3.60	33.50	29.900	0.977	123.027	0.024	0.549	0.045
GPRS 850 (1 Tx slot)	-3.60	33.50	29.900	0.977	123.027	0.024	0.549	0.045
GPRS 850 (2 Tx slots)	-3.60	32.50	28.900	0.776	194.984	0.039	0.549	0.071
GPRS 850 (3 Tx slots)	-3.60	30.50	26.900	0.490	183.654	0.037	0.549	0.067
GPRS 850 (4 Tx slots)	-3.60	29.50	25.900	0.389	194.984	0.039	0.549	0.071
EGPRS 850 (1 Tx slot)	-3.60	27.50	23.900	0.245	30.903	0.006	0.549	0.011
EGPRS 850 (2 Tx slots)	-3.60	27.00	23.400	0.219	54.954	0.011	0.549	0.020
EGPRS 850 (3 Tx slots)	-3.60	25.00	21.400	0.138	51.761	0.010	0.549	0.019
EGPRS 850 (4 Tx slots)	-3.60	23.00	19.400	0.087	43.652	0.009	0.549	0.016
GSM 1900 (1 Tx slot)	1.50	30.50	32.000	1.585	199.526	0.040	1.000	0.040
GPRS 1900 (1 Tx slot)	1.50	30.50	32.000	1.585	199.526	0.040	1.000	0.040
GPRS 1900 (2 Tx slots)	1.50	29.70	31.200	1.318	331.131	0.066	1.000	0.066
GPRS 1900 (3 Tx slots)	1.50	28.00	29.500	0.891	334.195	0.067	1.000	0.067
GPRS 1900 (4 Tx slots)	1.50	27.00	28.500	0.708	354.813	0.071	1.000	0.071
EGPRS 1900 (1 Tx slot)	1.50	26.50	28.000	0.631	79.433	0.016	1.000	0.016
EGPRS 1900 (2 Tx slots)	1.50	26.00	27.500	0.562	141.254	0.028	1.000	0.028
EGPRS 1900 (3 Tx slots)	1.50	25.00	26.500	0.447	167.494	0.033	1.000	0.033
EGPRS 1900 (4 Tx slots)	1.50	24.00	25.500	0.355	177.828	0.035	1.000	0.035
WCDMA Band 2	1.50	25.70	27.200	0.525	524.807	0.104	1.000	0.104
WCDMA Band 4	1.00	25.70	26.700	0.468	467.735	0.093	1.000	0.093
WCDMA Band 5	-3.60	25.00	21.400	0.138	138.038	0.027	0.551	0.050
CDMA2000 BC0	-3.60	25.50	21.900	0.155	154.882	0.031	0.550	0.056
CDMA2000 BC1	1.50	25.50	27.000	0.501	501.187	0.100	1.000	0.100
CDMA2000 BC10	-3.60	25.50	21.900	0.155	154.882	0.031	0.545	0.057
LTE Band 2	1.50	25.70	27.200	0.525	524.807	0.104	1.000	0.104
LTE Band 4	1.00	25.70	26.700	0.468	467.735	0.093	1.000	0.093
LTE Band 5	-3.60	25.70	22.100	0.162	162.181	0.032	0.550	0.059
LTE Band 7	1.50	25.70	27.200	0.525	524.807	0.104	1.000	0.104
LTE Band 12	-3.90	25.70	21.800	0.151	151.356	0.030	0.466	0.065
LTE Band 13	-3.90	25.20	21.300	0.135	134.896	0.027	0.520	0.052
LTE Band 14	-3.90	25.70	21.800	0.151	151.356	0.030	0.527	0.057
LTE Band 17	-3.90	25.70	21.800	0.151	151.356	0.030	0.471	0.064
LTE Band 25	1.50	25.70	27.200	0.525	524.807	0.104	1.000	0.104
LTE Band 26	-3.60	25.70	22.100	0.162	162.181	0.032	0.550	0.059
LTE Band 30	-1.00	23.70	22.700	0.186	186.209	0.037	1.000	0.037
LTE Band 38	-0.90	25.70	24.800	0.302	301.995	0.060	1.000	0.060
LTE Band 41	-0.90	25.70	24.800	0.302	301.995	0.060	1.000	0.060
LTE Band 41 HPUE	-0.90	27.50	26.600	0.457	457.088	0.091	1.000	0.091
LTE Band 48	-0.50	25.20	24.700	0.295	295.121	0.059	1.000	0.059
LTE Band 66	1.00	25.70	26.700	0.468	467.735	0.093	1.000	0.093
LTE Band 71	-6.00	25.70	19.700	0.093	93.325	0.019	0.444	0.042
5G NR n2	1.50	25.70	27.200	0.525	524.807	0.104	1.000	0.104
5G NR n5	-3.60	25.00	21.400	0.138	138.038	0.027	0.551	0.050
5G NR n12	-3.90	24.70	20.800	0.120	120.226	0.024	0.468	0.051
5G NR n25	1.50	25.70	27.200	0.525	524.807	0.104	1.000	0.104
5G NR n66	1.00	25.70	26.700	0.468	467.735	0.093	1.000	0.093
5G NR n71	-6.00	25.70	19.700	0.093	93.325	0.019	0.444	0.042

Band	Antenna Gain (dBi)	Maximum Power (dBm)	Maximum EIRP (dBm)	Maximum EIRP (W)	Average EIRP (mW)	Power Density at 20cm (mW/cm ²)	Limit (mW/cm ²)	Power Density / Limit
2.4GHz WLAN	0.30	22.50	22.800	0.191	190.546	0.038	1.000	0.038
5GHz WLAN	0.50	21.50	22.000	0.158	158.489	0.032	1.000	0.032
Bluetooth	0.30	18.00	18.300	0.068	67.608	0.013	1.000	0.013

WWAN Power Density / Limit	2.4GHz WLAN Power Density / Limit	5GHz WLAN Power Density / Limit	Σ (Power Density / Limit)
0.104	0.038	0.032	0.174
WWAN Power Density / Limit	5GHz WLAN Power Density / Limit	Bluetooth Power Density / Limit	Σ (Power Density / Limit)
0.104	0.032	0.013	0.149

Note:

1. For collocation analysis, the highest (power density/limit) among all WWAN wireless modes is chosen for summation.
2. Σ (Power Density / Limit): This is a summation of [(power density for each transmitter/antenna included in the simultaneous transmission)/ (corresponding MPE limit)], for WWAN + 2.4GHz WLAN + 5GHz WLAN low power transmitter or WWAN + 5GHz WLAN + Bluetooth low power transmitter.
3. Considering the WWAN collocation with the WLAN / Bluetooth low power transmitter of the EIRP performance listed in the table above, the aggregated (power density /limit) is smaller than 1, and MPE of 3 collocated transmitters is compliant

Conclusion:

According to 47 CFR §2.1091, the RF exposure analysis concludes that the RF Exposure is FCC compliant.