



Maximum Permissible Exposure Evaluation

FCC ID:2BPWS-K10&IC:33471-K10

Original Grant

Report No.	:	TBR-C-202504-0232-5	
Applicant	:	Shenzhen Baijin Technology Co., Ltd	
Equipment Under Test (EUT)			
EUT Name	:	Tablet PC	
Model No.	:	K10	
HVIN	:	K10	
Series Model No.	:	N/A	
Brand Name	:	TABWEE	
Sample ID	:	HC-C-202504-0232-01-01#& HC-C-202504-0232-01-02#	
Receipt Date	:	2025-06-10	
Test Date	:	2025-06-10 to 2025-07-22	
Issue Date	:	2025-07-22	
Standards	:	FCC Part 2.1093 RSS-102 Issue 6 December 15, 2023	
Test Method	:	KDB 447498 D01 General RF Exposure Guidance v06	
Conclusions	:	PASS	
In the configuration tested, the EUT complied with the standards specified above.			
Test By	:	Lily Zhang	Lily Zhang
Reviewed By	:	Camille Li	Emily Tang
Approved By	:	Ivan Su	Ivan Su

This report details the results of the testing carried out on one sample. The results contained in this test report do not relate to other samples of the same product. The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in the report.

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Revision History

Report No.	Version	Description	Issued Date
TBR-C-202504-0232-5	Rev.01	Initial issue of report	2025-07-25



1. General Information about EUT

1.1 Client Information

Applicant	:	Shenzhen Baijin Technology Co., Ltd
Address	:	C203-J2, Bldg C, No.19 Yinzhu Rd, Nanlian Comm, Longgang St, Longgang Dist, Shenzhen, China
Manufacturer	:	Shenzhen Baijin Technology Co., Ltd
Address	:	C203-J2, Bldg C, No.19 Yinzhu Rd, Nanlian Comm, Longgang St, Longgang Dist, Shenzhen, China

1.2 General Description of EUT (Equipment Under Test)

EUT Name	:	Tablet PC
Model(s) No.	:	K10
Model Different	:	----
Product Description	Operation Frequency:	Bluetooth (BR+EDR)&BLE: 2402MHz~2480MHz
	Modulation Type:	Bluetooth: GFSK, Pi/4-DQPSK, 8DPSK 802.11b: DSSS (DQPSK, DBPSK, CCK) 802.11g: OFDM (BPSK, QPSK, 16QAM, 64QAM) 802.11n: OFDM (BPSK, QPSK, 16QAM, 64QAM) 802.11a: OFDM (QPSK, BPSK, 16QAM, 64QAM) 802.11n: OFDM (QPSK, BPSK, 16QAM, 64QAM) 802.11ac: OFDM (QPSK, BPSK, 16QAM, 64QAM, 256QAM) 802.11ax: OFDMA (BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM)
	Antenna Gain:	1.6dBi FPC Antenna
Power Rating	:	Input: DC 5V
Li-ion Polymer Battery	:	DC 3.8V 5000mAh Rechargeable Li-ion battery
Software Version	:	----
Hardware Version	:	V1.0

Remark: The above antenna information is declared by manufacturer and for more detailed features description, please refer to the manufacturer's specifications, the laboratory shall not be held responsible.



2. Measurement Uncertainty

The reported uncertainty of measurement $y \pm U$, where expanded uncertainty U is based on a standard uncertainty multiplied by a coverage factor of $k=2$, providing a level of confidence of approximately 95 %.

Test Item	Parameters	Expanded Uncertainty (U_{Lab})
Conducted Emission	Level Accuracy: 9kHz~150kHz 150kHz to 30MHz	± 3.50 dB ± 3.10 dB
Radiated Emission	Level Accuracy: 9kHz to 30 MHz	± 4.60 dB
Radiated Emission	Level Accuracy: 30MHz to 1000 MHz	± 4.50 dB
Radiated Emission	Level Accuracy: Above 1000MHz	± 4.20 dB
RF Power-Conducted	Level Accuracy: Above 1000MHz	± 0.95 dB
Power Spectral Density-Conducted	Level Accuracy: Above 1000MHz	± 3 dB
Occupied Bandwidth	Level Accuracy: 30MHz to 1000 MHz Above 1000MHz	$\pm 3.8\%$
Unwanted Emission-Conducted	Level Accuracy: 30MHz to 1000 MHz Above 1000MHz	± 2.72 dB
Temperature	/	$\pm 0.6^{\circ}\text{C}$
Humidity	/	$\pm 4\%$
Supply voltages	/	$\pm 2\%$
Time	/	$\pm 4\%$



3. Test Facility

The testing report were performed by the Shenzhen Toby Technology Co., Ltd., in their facilities located at 1/F., Building 6, Rundongsheng Industrial Zone, Longzhu, Xixiang, Bao'an District, Shenzhen, Guangdong, China. At the time of testing, the following bodies accredited the Laboratory:

CNAS (L5813)

The Laboratory has been accredited by CNAS to ISO/IEC 17025: 2017 General Requirements for the Competence of Testing and Calibration Laboratories for the competence in the field of testing. And the Registration No.: CNAS L5813.

A2LA Certificate No.: 4750.01

The laboratory has been accredited by American Association for Laboratory Accreditation(A2LA) to ISO/IEC 17025: 2017 General Requirements for the Competence of Testing and Calibration Laboratories for the technical competence in the field of Electrical Testing. And the A2LA Certificate No.: 4750.01.FCC Accredited Test Site Number: 854351. Designation Number: CN1223.

IC Registration No.: (11950A)

The Laboratory has been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing. The site registration: Site# 11950A. CAB identifier: CN0056.



4. The RF Exposure Evaluation for FCC:

SAR Test Exclusion Calculations

FCC: According to KDB 447498 D01 Mobile and Portable Devices RF Exposure Procedures and Equipment Authorization Policies v06.

(1) Clause 4.3: General SAR test reduction and exclusion guidance

Sub clause 4.31: Standalone SAR test exclusion considerations

1) The 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6GHz at test separation distance ≤ 5 mm are determined by:

$[(\text{max. power of channel, including tune-up tolerance, mW})/(\text{min. test separation, mm})] \cdot [\sqrt{f_{\text{GHz}}}] \leq 3.0$ for 1-g SAR

$[(\text{max. power of channel, including tune-up tolerance, mW})/(\text{min. test separation, mm})] \cdot [\sqrt{f_{\text{GHz}}}] \leq 7.5.0$ for 10-g SAR

Calculation:

Test separation: 5mm						
BLE 1Mbps Mode (GFSK)						
Frequency (GHz)	Conducted Power (dBm)	Turn-up Power Tolerance (dB)	Max power of tune up tolerance (dBm)	Max power of tune up tolerance (mw)	Calculation Value	Threshold Value
2.402	0.488	0 ± 1	1	1.259	0.390	3.0
2.440	0.28	0 ± 1	1	1.259	0.393	3.0
2.480	0.23	0 ± 1	1	1.259	0.397	3.0
BLE 2Mbps Mode (GFSK)						
Frequency (GHz)	Conducted Power (dBm)	Turn-up Power Tolerance (dB)	Max power of tune up tolerance (dBm)	Max power of tune up tolerance (mw)	Calculation Value	Threshold Value
2.402	0.425	0 ± 1	1	1.259	0.390	3.0
2.440	0.215	0 ± 1	1	1.259	0.393	3.0
2.480	0.171	0 ± 1	1	1.259	0.397	3.0



Test separation: 5mm						
Bluetooth Mode (GFSK)						
Frequency (GHz)	Conducted Power (dBm)	Turn-up Power Tolerance (dB)	Max power of tune up tolerance (dBm)	Max power of tune up tolerance (mw)	Calculation Value	Threshold Value
2.402	0.466	0±1	1	1.259	0.390	3.0
2.441	0.854	1±1	2	1.585	0.495	3.0
2.480	0.773	1±1	2	1.585	0.499	3.0
Bluetooth Mode (Pi/4-DQPSK)						
Frequency (GHz)	Conducted Power (dBm)	Turn-up Power Tolerance (dB)	Max power of tune up tolerance (dBm)	Max power of tune up tolerance (mw)	Calculation Value	Threshold Value
2.402	-1.055	-1±1	0	1.000	0.310	3.0
2.441	-1.222	-1±1	0	1.000	0.312	3.0
2.480	-1.303	-1±1	0	1.000	0.315	3.0
Bluetooth Mode (8-DPSK)						
Frequency (GHz)	Conducted Power (dBm)	Turn-up Power Tolerance (dB)	Max power of tune up tolerance (dBm)	Max power of tune up tolerance (mw)	Calculation Value	Threshold Value
2.402	-0.091	0±1	1	1.259	0.390	3.0
2.441	-0.258	0±1	1	1.259	0.393	3.0
2.480	-0.344	0±1	1	1.259	0.397	3.0



Test separation: 5mm						
802.11b Mode						
Frequency (GHz)	Conducted Power (dBm)	Turn-up Power Tolerance (dB)	Max power of tune up tolerance (dBm)	Max power of tune up tolerance (mw)	Calculation Value	Threshold Value
2.412	-4.38	-4 ± 1	-3	0.501	0.156	3.0
2.437	-4.07	-4 ± 1	-3	0.501	0.156	3.0
2.462	-4.76	-4 ± 1	-3	0.501	0.157	3.0
802.11g Mode						
Frequency (GHz)	Conducted Power (dBm)	Turn-up Power Tolerance (dB)	Max power of tune up tolerance (dBm)	Max power of tune up tolerance (mw)	Calculation Value	Threshold Value
2.412	-3.46	-3 ± 1	-2	0.631	0.196	3.0
2.437	-5.07	-5 ± 1	-4	0.398	0.124	3.0
2.462	-5.30	-5 ± 1	-4	0.398	0.125	3.0
802.11n (HT20) Mode						
Frequency (GHz)	Conducted Power (dBm)	Turn-up Power Tolerance (dB)	Max power of tune up tolerance (dBm)	Max power of tune up tolerance (mw)	Calculation Value	Threshold Value
2.412	-2.22	-2 ± 1	-1	0.794	0.247	3.0
2.437	-4.39	-4 ± 1	-3	0.501	0.156	3.0
2.462	-3.31	-3 ± 1	-2	0.631	0.198	3.0
802.11n (HT40) Mode						
Frequency (GHz)	Conducted Power (dBm)	Turn-up Power Tolerance (dB)	Max power of tune up tolerance (dBm)	Max power of tune up tolerance (mw)	Calculation Value	Threshold Value
2.422	-1.61	-1 ± 1	0	1.000	0.311	3.0
2.437	-2.05	-2 ± 1	-1	0.794	0.248	3.0
2.452	-2.48	-2 ± 1	-1	0.794	0.249	3.0
802.11ax (HE20) Mode						
Frequency (GHz)	Conducted Power (dBm)	Turn-up Power Tolerance (dB)	Max power of tune up tolerance (dBm)	Max power of tune up tolerance (mw)	Calculation Value	Threshold Value
2.412	-1.54	-1 ± 1	0	1.000	0.311	3.0
2.437	-2.42	-2 ± 1	-1	0.794	0.248	3.0
2.462	-2.81	-2 ± 1	-1	0.794	0.249	3.0
802.11ax (HE40) Mode						
Frequency (GHz)	Conducted Power (dBm)	Turn-up Power Tolerance (dB)	Max power of tune up tolerance (dBm)	Max power of tune up tolerance (mw)	Calculation Value	Threshold Value
2.422	-3.21	-3 ± 1	-2	0.631	0.196	3.0
2.437	-2.45	-2 ± 1	-1	0.794	0.248	3.0
2.452	-4.14	-4 ± 1	-3	0.501	0.157	3.0



U-NII-1						
Test separation: 5mm						
802.11a Mode						
Frequency (GHz)	Conducted Power (dBm)	Turn-up Power Tolerance (dB)	Max power of tune up tolerance (dBm)	Max power of tune up tolerance (mw)	Calculation Value	Threshold Value
5.180	-6.76	-6 ± 1	-5	0.316	0.144	3.0
5.200	-6.76	-6 ± 1	-5	0.316	0.144	3.0
5.240	-6.75	-6 ± 1	-5	0.316	0.145	3.0
802.11n (HT20) Mode						
Frequency (GHz)	Conducted Power (dBm)	Turn-up Power Tolerance (dB)	Max power of tune up tolerance (dBm)	Max power of tune up tolerance (mw)	Calculation Value	Threshold Value
5.180	-10.95	-10 ± 1	-9	0.126	0.057	3.0
5.200	-19.53	-19 ± 1	-18	0.016	0.007	3.0
5.240	-22.54	-22 ± 1	-21	0.008	0.004	3.0
802.11n (HT40) Mode						
Frequency (GHz)	Conducted Power (dBm)	Turn-up Power Tolerance (dB)	Max power of tune up tolerance (dBm)	Max power of tune up tolerance (mw)	Calculation Value	Threshold Value
5.190	-6.95	-6 ± 1	-5	0.316	0.144	3.0
5.230	-6.88	-6 ± 1	-5	0.316	0.145	3.0
802.11ac(VHT20) Mode						
Frequency (GHz)	Conducted Power (dBm)	Turn-up Power Tolerance (dB)	Max power of tune up tolerance (dBm)	Max power of tune up tolerance (mw)	Calculation Value	Threshold Value
5.180	-13.01	-13 ± 1	-12	0.063	0.029	3.0
5.200	-18.79	-18 ± 1	-17	0.020	0.009	3.0
5.240	-22.15	-22 ± 1	-21	0.008	0.004	3.0
802.11ac(VHT40) Mode						
Frequency (GHz)	Conducted Power (dBm)	Turn-up Power Tolerance (dB)	Max power of tune up tolerance (dBm)	Max power of tune up tolerance (mw)	Calculation Value	Threshold Value
5.190	-3.68	-3 ± 1	-2	0.631	0.287	3.0
5.230	-7.97	-7 ± 1	-6	0.251	0.115	3.0
802.11ax(HE20) Mode						
Frequency (GHz)	Conducted Power (dBm)	Turn-up Power Tolerance (dB)	Max power of tune up tolerance (dBm)	Max power of tune up tolerance (mw)	Calculation Value	Threshold Value
5.180	-9.05	-9 ± 1	-8	0.158	0.072	3.0
5.200	-7.97	-7 ± 1	-8	0.158	0.072	3.0
5.240	-7.57	-7 ± 1	-8	0.158	0.073	3.0
802.11ax(HE40) Mode						
Frequency (GHz)	Conducted Power (dBm)	Turn-up Power Tolerance (dB)	Max power of tune up tolerance (dBm)	Max power of tune up tolerance (mw)	Calculation Value	Threshold Value
5.190	-9.49	-9 ± 1	-8	0.158	0.072	3.0
5.230	-7.07	-7 ± 1	-8	0.158	0.072	3.0



U-NII-3						
Test separation: 5mm						
802.11a Mode						
Frequency (GHz)	Conducted Power (dBm)	Turn-up Power Tolerance (dB)	Max power of tune up tolerance (dBm)	Max power of tune up tolerance (mw)	Calculation Value	Threshold Value
5.745	-5.61	-5 ± 1	-4	0.398	0.191	3.0
5.785	-8.58	-8 ± 1	-7	0.200	0.096	3.0
5.825	-4.10	-4 ± 1	-3	0.501	0.242	3.0
802.11n (HT20) Mode						
Frequency (GHz)	Conducted Power (dBm)	Turn-up Power Tolerance (dB)	Max power of tune up tolerance (dBm)	Max power of tune up tolerance (mw)	Calculation Value	Threshold Value
5.745	-4.76	-4 ± 1	-3	0.501	0.240	3.0
5.785	-5.55	-5 ± 1	-4	0.398	0.192	3.0
5.825	-4.02	-4 ± 1	-3	0.501	0.242	3.0
802.11n (HT40) Mode						
Frequency (GHz)	Conducted Power (dBm)	Turn-up Power Tolerance (dB)	Max power of tune up tolerance (dBm)	Max power of tune up tolerance (mw)	Calculation Value	Threshold Value
5.755	-7.84	-7 ± 1	-6	0.251	0.121	3.0
5.795	-7.05	-7 ± 1	-6	0.251	0.121	3.0
802.11ac(VHT20) Mode						
Frequency (GHz)	Conducted Power (dBm)	Turn-up Power Tolerance (dB)	Max power of tune up tolerance (dBm)	Max power of tune up tolerance (mw)	Calculation Value	Threshold Value
5.745	-11.15	-11 ± 1	-10	0.100	0.048	3.0
5.785	-4.57	-4 ± 1	-3	0.501	0.241	3.0
5.825	-4.03	-4 ± 1	-3	0.501	0.242	3.0
802.11ac(VHT40) Mode						
Frequency (GHz)	Conducted Power (dBm)	Turn-up Power Tolerance (dB)	Max power of tune up tolerance (dBm)	Max power of tune up tolerance (mw)	Calculation Value	Threshold Value
5.755	-4.27	-4 ± 1	-3	0.501	0.240	3.0
5.795	-4.42	-4 ± 1	-3	0.501	0.241	3.0
802.11ax(HE20) Mode						
Frequency (GHz)	Conducted Power (dBm)	Turn-up Power Tolerance (dB)	Max power of tune up tolerance (dBm)	Max power of tune up tolerance (mw)	Calculation Value	Threshold Value
5.745	-5.48	-5 ± 1	-4	0.398	0.191	3.0
5.785	-4.56	-4 ± 1	-3	0.501	0.241	3.0
5.825	-6.26	-6 ± 1	-5	0.316	0.153	3.0
802.11ax(HE40) Mode						
Frequency (GHz)	Conducted Power (dBm)	Turn-up Power Tolerance (dB)	Max power of tune up tolerance (dBm)	Max power of tune up tolerance (mw)	Calculation Value	Threshold Value
5.755	-4.14	-4 ± 1	-3	0.501	0.240	3.0
5.795	-4.31	-4 ± 1	-3	0.501	0.241	3.0



5. The RF Exposure Evaluation for IC:

5.1. Applicable Standard

[Radio Standards Specification 102](#), issue 6, Radio Frequency (RF) Exposure Compliance of Radio communication Apparatus (All Frequency Bands), sets out the requirements and measurement techniques for evaluating radio frequency exposure compliance of radio communication apparatus designed to be used within the vicinity of the human body.

[ANSI C95.1–1999](#): IEEE Standard for Safety Levels with Respect to Human Exposure to Radio Frequency Electromagnetic Fields, 3 kHz to 300 GHz.

[FCC KDB publication 447498 D01 General RF Exposure Guidance v06](#): Mobile and Portable Devices RF Exposure Procedures and Equipment Authorization Policies.

5.2. Evaluation Method and Limit

According to RSS-102 §6 Table 11, RF field strength and power density limits for devices used by the general public (uncontrolled environment)

Table 11: Power limits for exemption from routine SAR evaluation based on the separation distance

Frequency (MHz)	≤ 5 mm (mW)	10 mm (mW)	15 mm (mW)	20 mm (mW)	25 mm (mW)	30 mm (mW)	35 mm (mW)	40 mm (mW)	45 mm (mW)	> 50 mm (mW)
≤ 300	45	116	139	163	189	216	246	280	319	362
450	32	71	87	104	124	147	175	208	248	296
835	21	32	41	54	72	96	129	172	228	298
1900	6	10	18	33	57	92	138	194	257	323
2450	3	7	16	32	56	89	128	170	209	245
3500	2	6	15	29	50	72	94	114	134	158
5800	1	5	13	23	32	41	54	74	102	128

The exemption limits in table 11 Table 11 are based on measurements and simulations of half-wave dipole antennas at separation distances of 5 mm to 50 mm from a flat phantom, which provides a SAR value of approximately 0.4 W/kg for 1 g of tissue.



Calculation:

Test separation: 5mm					
Bluetooth Mode (GFSK)					
Frequency (GHz)	Conducted Power (dBm)	Gain (dBi)	Tolerance $\pm$ (dB)	Output power (Max. Turn-up Procedure) (mW)	Limit (mW)
2402	0.466	1.6	2 ± 1	1.995	3.0
2441	0.854	1.6	2 ± 1	1.995	3.0
2480	0.773	1.6	2 ± 1	1.995	3.0
Bluetooth Mode ($\pi/4$ -DQPSK)					
Frequency (GHz)	Conducted Power (dBm)	Gain (dBi)	Tolerance $\pm$ (dB)	Output power (Max. Turn-up Procedure) (mW)	Limit (mW)
2402	-1.055	1.6	1 ± 1	1.585	3.0
2441	-1.222	1.6	0 ± 1	1.259	3.0
2480	-1.303	1.6	0 ± 1	1.259	3.0
Bluetooth Mode (8-DPSK)					
Frequency (GHz)	Conducted Power (dBm)	Gain (dBi)	Tolerance $\pm$ (dB)	Output power (Max. Turn-up Procedure) (mW)	Limit (mW)
2402	-0.091	1.6	2 ± 1	1.995	3.0
2441	-0.258	1.6	1 ± 1	1.585	3.0
2480	-0.344	1.6	1 ± 1	1.585	3.0

Test separation: 5mm					
BLE 1Mbps Mode (GFSK)					
Frequency (GHz)	Conducted Power (dBm)	Gain (dBi)	Tolerance $\pm$ (dB)	Output power (Max. Turn-up Procedure) (mW)	Limit (mW)
2402	0.488	1.6	2 ± 1	1.995	3.0
2440	0.28	1.6	2 ± 1	1.995	3.0
2480	0.23	1.6	2 ± 1	1.995	3.0
BLE 2Mbps Mode (GFSK)					
Frequency (GHz)	Conducted Power (dBm)	Gain (dBi)	Tolerance $\pm$ (dB)	Output power (Max. Turn-up Procedure) (mW)	Limit (mW)
2402	0.425	1.6	2 ± 1	1.995	3.0
2440	0.215	1.6	2 ± 1	1.995	3.0
2480	0.171	1.6	2 ± 1	1.995	3.0



Test separation: 5mm					
802.11b Mode					
Frequency (GHz)	Conducted Power (dBm)	Gain (dBi)	Tolerance $\pm$ (dB)	Output power (Max. Turn-up Procedure) (mW)	Limit (mW)
2412	-4.38	1.6	-2 ± 1	0.794	3.0
2437	-4.07	1.6	-2 ± 1	0.794	3.0
2462	-4.76	1.6	-3 ± 1	0.631	3.0
802.11g Mode					
Frequency (GHz)	Conducted Power (dBm)	Gain (dBi)	Tolerance $\pm$ (dB)	Output power (Max. Turn-up Procedure) (mW)	Limit (mW)
2412	-3.46	1.6	-1 ± 1	1	3.0
2437	-5.07	1.6	-3 ± 1	0.631	3.0
2462	-5.30	1.6	-3 ± 1	0.631	3.0
802.11n (HT20) Mode					
Frequency (GHz)	Conducted Power (dBm)	Gain (dBi)	Tolerance $\pm$ (dB)	Output power (Max. Turn-up Procedure) (mW)	Limit (mW)
2412	-2.22	1.6	0 ± 1	1.259	3.0
2437	-4.39	1.6	-2 ± 1	0.794	3.0
2462	-3.31	1.6	-1 ± 1	1	3.0
802.11n (HT40) Mode					
Frequency (GHz)	Conducted Power (dBm)	Gain (dBi)	Tolerance $\pm$ (dB)	Output power (Max. Turn-up Procedure) (mW)	Limit (mW)
2422	-1.61	1.6	0 ± 1	1.259	3.0
2437	-2.05	1.6	0 ± 1	1.259	3.0
2452	-2.48	1.6	0 ± 1	1.259	3.0
802.11ax (HE20) Mode					
Frequency (GHz)	Conducted Power (dBm)	Gain (dBi)	Tolerance $\pm$ (dB)	Output power (Max. Turn-up Procedure) (mW)	Limit (mW)
2412	-1.54	1.6	0 ± 1	1.259	3.0
2437	-2.42	1.6	0 ± 1	1.259	3.0
2462	-2.81	1.6	-1 ± 1	1	3.0
802.11ax (HE40) Mode					
Frequency (GHz)	Conducted Power (dBm)	Gain (dBi)	Tolerance $\pm$ (dB)	Output power (Max. Turn-up Procedure) (mW)	Limit (mW)
2422	-3.21	1.6	-1 ± 1	1	3.0
2437	-2.45	1.6	0 ± 1	1.259	3.0
2452	-4.14	1.6	-2 ± 1	0.794	3.0



U-NII-1					
Test separation: 5mm					
802.11a Mode					
Frequency (GHz)	Conducted Power (dBm)	Gain (dBi)	Tolerance $\pm$ (dB)	Output power (Max. Turn-up Procedure) (mW)	Limit (mW)
5180	-6.76	2.31	-4 ± 1	0.501	3.0
5200	-6.76	2.31	-4 ± 1	0.501	3.0
5240	-6.75	2.31	-4 ± 1	0.501	3.0
802.11n (HT20)					
Frequency (GHz)	Conducted Power (dBm)	Gain (dBi)	Tolerance $\pm$ (dB)	Output power (Max. Turn-up Procedure) (mW)	Limit (mW)
5180	-10.95	2.31	-8 ± 1	0.200	3.0
5200	-19.53	2.31	-17 ± 1	0.025	3.0
5240	-22.54	2.31	-20 ± 1	0.013	3.0
802.11n (HT40) Mode					
Frequency (GHz)	Conducted Power (dBm)	Gain (dBi)	Tolerance $\pm$ (dB)	Output power (Max. Turn-up Procedure) (mW)	Limit (mW)
5190	-6.95	2.31	-4 ± 1	0.501	3.0
5230	-6.88	2.31	-4 ± 1	0.501	3.0
802.11ac(VHT20) Mode					
Frequency (GHz)	Conducted Power (dBm)	Gain (dBi)	Tolerance $\pm$ (dB)	Output power (Max. Turn-up Procedure) (mW)	Limit (mW)
5180	-13.01	2.31	-10 ± 1	0.126	3.0
5200	-18.79	2.31	-16 ± 1	0.032	3.0
5240	-22.15	2.31	-19 ± 1	0.016	3.0
802.11ac(VHT40) Mode					
Frequency (GHz)	Conducted Power (dBm)	Gain (dBi)	Tolerance $\pm$ (dB)	Output power (Max. Turn-up Procedure) (mW)	Limit (mW)
5190	-3.68	2.31	-1 ± 1	1	3.0
5230	-7.97	2.31	-5 ± 1	0.398	3.0
802.11ax(HE20) Mode					
Frequency (GHz)	Conducted Power (dBm)	Gain (dBi)	Tolerance $\pm$ (dB)	Output power (Max. Turn-up Procedure) (mW)	Limit (mW)
5180	-9.05	2.31	-6 ± 1	0.316	3.0
5200	-7.97	2.31	-5 ± 1	0.398	3.0
5240	-7.57	2.31	-5 ± 1	0.398	3.0
802.11ax(HE40) Mode					
Frequency (GHz)	Conducted Power (dBm)	Gain (dBi)	Tolerance $\pm$ (dB)	Output power (Max. Turn-up Procedure) (mW)	Limit (mW)
5190	-9.49	2.31	-7 ± 1	0.251	3.0
5230	-7.07	2.31	-4 ± 1	0.501	3.0



U-NII-3					
Test separation: 5mm					
802.11a Mode					
Frequency (GHz)	Conducted Power (dBm)	Gain (dBi)	Tolerance $\pm$ (dB)	Output power (Max. Turn-up Procedure) (mW)	Limit (mW)
5745	-5.61	2.31	-3 ± 1	0.631	3.0
5785	-8.58	2.31	-6 ± 1	0.316	3.0
5825	-4.10	2.31	-1 ± 1	1	3.0
802.11n (HT20)					
Frequency (GHz)	Conducted Power (dBm)	Gain (dBi)	Tolerance $\pm$ (dB)	Output power (Max. Turn-up Procedure) (mW)	Limit (mW)
5745	-4.76	2.31	-2 ± 1	0.794	3.0
5785	-5.55	2.31	-3 ± 1	0.631	3.0
5825	-4.02	2.31	-1 ± 1	1	3.0
802.11n (HT40) Mode					
Frequency (GHz)	Conducted Power (dBm)	Gain (dBi)	Tolerance $\pm$ (dB)	Output power (Max. Turn-up Procedure) (mW)	Limit (mW)
5755	-7.84	2.31	-5 ± 1	0.398	3.0
5795	-7.05	2.31	-4 ± 1	0.501	3.0
802.11ac(VHT20) Mode					
Frequency (GHz)	Conducted Power (dBm)	Gain (dBi)	Tolerance $\pm$ (dB)	Output power (Max. Turn-up Procedure) (mW)	Limit (mW)
5745	-11.15	2.31	-8 ± 1	0.200	3.0
5785	-4.57	2.31	-2 ± 1	0.794	3.0
5825	-4.03	2.31	-1 ± 1	1	3.0
802.11ac(VHT40) Mode					
Frequency (GHz)	Conducted Power (dBm)	Gain (dBi)	Tolerance $\pm$ (dB)	Output power (Max. Turn-up Procedure) (mW)	Limit (mW)
5755	-4.27	2.31	-1 ± 1	1	3.0
5795	-4.42	2.31	-2 ± 1	0.794	3.0
802.11ax(HE20) Mode					
Frequency (GHz)	Conducted Power (dBm)	Gain (dBi)	Tolerance $\pm$ (dB)	Output power (Max. Turn-up Procedure) (mW)	Limit (mW)
5745	-5.48	2.31	-3 ± 1	0.631	3.0
5785	-4.56	2.31	-2 ± 1	0.794	3.0
5825	-6.26	2.31	-3 ± 1	0.631	
802.11ax(HE40) Mode					
Frequency (GHz)	Conducted Power (dBm)	Gain (dBi)	Tolerance $\pm$ (dB)	Output power (Max. Turn-up Procedure) (mW)	Limit (mW)
5755	-4.14	2.31	-1 ± 1	1	3.0
5795	-4.31	2.31	-2 ± 1	0.794	3.0



Conclusion:

The measurement results comply with the FCC Limit per 47 CFR 2.1093 and the RSS-102§4 Table 4 for the uncontrolled RF Exposure and SAR Exclusion Threshold per KDB 447498 v06, No SAR is required.

--- END OF REPORT ---

