

RF EXPOSURE Test Report

Report No. : MTi260320019-0102E5
Date of issue : 2026-04-24
Applicant : Shenzhen Huayu Intelligent Co., Ltd.
Product : Golfeye
Model(s) : G20
FCC ID : 2BVEV-G20

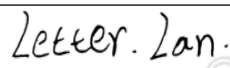
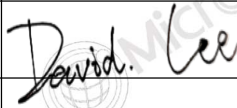
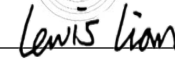
Shenzhen Microtest Co., Ltd.

TEST REPORT

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Test Result Certification		
Applicant	Shenzhen Huayu Intelligent Co., Ltd.	
Applicant Address	Room A20, 3rd Floor, Building 2, Daqian Industrial Estate, Zone 67, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong, China	
Manufacturer	Shenzhen Huayu Intelligent Co., Ltd.	
Manufacturer Address	Room A20, 3rd Floor, Building 2, Daqian Industrial Estate, Zone 67, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong, China	
Factory	Shenzhen Huayu Intelligent Co., Ltd.	
Factory Address	Room A20, 3rd Floor, Building 2, Daqian Industrial Estate, Zone 67, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong, China	
Product description		
Product name	Golfeye	
Trademark		
Model name	G20	
Series Model(s)	N/A	
Standards	47 CFR Part 2.1091	
Test method	KDB 447498 D01 v06	
Testing Information		
Date of test	2026-04-15 to 2026-04-24	
Test Result	Pass	
Prepared by:	Letter Lan	
Reviewed by:	David Lee	
Approved by:	Lewis Lian	

1 RF EXPOSURE EVALUATION

According to FCC 1.1310: The criteria listed in the following table shall be used to evaluate the environment impact of human exposure to radio frequency (RF) Radiation as specified in §1.1307(b)

Limits for Maximum Permissible Exposure (MPE)

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 Exposure				
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
300-1,500			f/300	6
1,500-100,000			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
300-1,500			f/1500	30
1,500-100,000			1.0	30

f = frequency in MHz * = Plane-wave equivalent power density

MPE Calculation Method

Friis transmission formula: $P_d = (P_{out} \cdot G) / (4 \cdot \pi \cdot R^2)$

Where

P_d = Power density in mW/cm²

P_{out} = output power to antenna in mW

G = Numeric gain of the antenna relative to isotropic antenna

$\pi = 3.1415926$

R = distance between observation point and center of the radiator in cm(20cm)

P_d the limit of MPE, 1mW/cm². If we know the maximum gain of the antenna and total power input to the antenna, through the calculation, we will know the distance where the MPE limit is reached.

2 Measurement Result

BR&EDR, BLE

Operation Frequency: 2402MHz- 2480MHz

Power density limited: 1mW/ cm²

2.4GWiFi:

Operation Frequency: WIFI 802.11b/g/n20/ax20: 2412-2462MHz, 802.11n40/ax40: 2422-2452

Power density limited: 1mW/ cm²

5GWiFi:

802.11a/n(HT20)/ac(HT20)/ax(HE20):

U-NII Band 1: 5180MHz to 5240MHz;

U-NII Band 3: 5745MHz to 5825MHz;

802.11n(HT40)/ac(HT40)/ax(HE40):

U-NII Band 1: 5190MHz to 5230MHz;

U-NII Band 3: 5755MHz to 5795MHz;

802.11ac(HT80)/ax(HE80):

U-NII Band 1: 5210MHz;

U-NII Band 3: 5775MHz

Antenna Type: Rod-shaped antenna;

Antenna gain:

BR&EDR&BLE: 2.67dBi;

2.4G: ANT1: 2.67dBi; ANT2: 2.85dBi; Directional gain: 5.77dBi;

5G: ANT1: 4.56dBi dBi; ANT2: 3.46dBi; Directional gain: 7.04dBi;

5.8G: ANT1: 4.56dBi dBi; ANT2: 3.46dBi; Directional gain: 7.04dBi;

R=20cm

mW=10^{^(dBi/10)}

BR&EDR, BLE: gain Numeric=10^{^(dBi/10)}= 10^{^(2.67/10)}= 1.85

2.4G: antenna 1 gain Numeric=10^{^(dBi/10)}= 10^{^(2.67/10)}= 1.85

2.4G: antenna 2 gain Numeric=10^{^(dBi/10)}= 10^{^(2.85/10)}= 1.93

2.4G: antenna 1+2 gain Numeric=10^{^(dBi/10)}= 10^{^(5.77/10)}= 3.78

5G: antenna1 gain Numeric=10^{^(dBi/10)}= 10^{^(4.56/10)}= 2.86

5G: antenna2 gain Numeric=10^{^(dBi/10)}= 10^{^(3.46/10)}= 2.22

5G: antenna1+2 gain Numeric=10^{^(dBi/10)}= 10^{^(7.04/10)}= 5.06

5.8G: antenna1 gain Numeric=10^{^(dBi/10)}= 10^{^(4.56/10)}= 2.86

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5.8G: antenna2 gain Numeric= $10^{(dBi/10)} = 10^{(3.46/10)} = 2.22$

5.8G: antenna1+2 gain Numeric= $10^{(dBi/10)} = 10^{(7.04/10)} = 5.06$

2.4G WIFI and 5G WIFI cannot work at the same time.

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 (*Evaluated_k* term) shall be used to determine exemption for simultaneous transmission according to Formula (C.1) [repeated from § 1.1307(b)(3)(ii)(B)].

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

BT:

Channel Freq. (MHz)	modulation	conducted power	Tune-up power (dBm)	Max		Antenna		Evaluation result (mW/cm ²)	Power density Limits (mW/cm ²)
		(dBm)		tune-up power (dBm)	(mW)	Gain (dBi)	Numeric		
2402	GFSK	6.00	6±1	7	5.012	2.67	1.85	0.0018	1
2441		6.21	6±1	7	5.012	2.67	1.85	0.0018	1
2480		6.80	6±1	7	5.012	2.67	1.85	0.0018	1
2402	π/4-DQPSK	4.31	4±1	5	3.162	2.67	1.85	0.0012	1
2441		4.60	4±1	5	3.162	2.67	1.85	0.0012	1
2480		5.05	5±1	6	3.981	2.67	1.85	0.0015	1
2402	8DPSK	4.79	4±1	5	3.162	2.67	1.85	0.0012	1
2441		5.08	5±1	6	3.981	2.67	1.85	0.0015	1
2480		5.66	5±1	6	3.981	2.67	1.85	0.0015	1

BLE:

Channel Freq. (MHz)	modulation	conducted power	Tune-up power (dBm)	Max		Antenna		Evaluation result (mW/cm ²)	Power density Limits (mW/cm ²)
		(dBm)		tune-up power (dBm)	(mW)	Gain (dBi)	Numeric		
2402	GFSK-1M	5.34	5±1	6	3.981	2.67	1.85	0.0015	1
2440		6.04	6±1	7	5.012	2.67	1.85	0.0018	1
2480		6.19	6±1	7	5.012	2.67	1.85	0.0018	1
2402	GFSK-2M	5.32	5±1	6	3.981	2.67	1.85	0.0015	1
2440		6.10	6±1	7	5.012	2.67	1.85	0.0018	1
2480		6.21	6±1	7	5.012	2.67	1.85	0.0018	1

2.4GWiFi SISO:

ANT 1

Channel Freq. (MHz)	modulation	conducted power	Tune-up power	Max		Antenna	Evaluation result at 20cm	Power density Limits
		(dBm)	(dBm)	tune-up power (dBm)	(mW)	Gain Numeric	Power density(mW/cm ²)	(mW/cm ²)
2412	802.11b	14.95	14±1	15	31.62	1.85	0.01163	1
2437		15.26	15±1	16	39.811	1.85	0.01465	1
2462		15.67	15±1	16	39.811	1.85	0.01465	1
2412	802.11g	15.67	15±1	16	39.811	1.85	0.01465	1
2437		15.39	15±1	16	39.811	1.85	0.01465	1
2462		15.33	15±1	16	39.811	1.85	0.01465	1
2412	802.11n H20	15.68	15±1	16	39.811	1.85	0.01465	1
2437		15.14	15±1	16	39.811	1.85	0.01465	1
2462		15.19	15±1	16	39.811	1.85	0.01465	1
2422	802.11n H40	16.16	16±1	17	50.119	1.85	0.01844	1
2437		15.56	15±1	16	39.811	1.85	0.01465	1
2452		15.22	15±1	16	39.811	1.85	0.01465	1
2412	11AX20SISO	16.83	16±1	17	50.119	1.85	0.01844	1
2437		16.32	16±1	17	50.119	1.85	0.01844	1
2462		16.37	16±1	17	50.119	1.85	0.01844	1
2422	11AX40SISO	16.69	16±1	17	50.119	1.85	0.01844	1
2437		16.14	16±1	17	50.119	1.85	0.01844	1
2452		15.69	15±1	16	39.811	1.85	0.01465	1

ANT 2

Channel Freq. (MHz)	modulation	conducted power	Tune-up power	Max		Antenna	Evaluation result at 20cm	Power density Limits
		(dBm)	(dBm)	tune-up power (dBm)	(mW)	Gain Numeric	Power density(mW/cm ²)	(mW/cm ²)
2412	802.11b	15.75	15±1	16	39.811	1.93	0.01527	1
2437		14.99	14±1	15	31.623	1.93	0.01213	1
2462		14.78	14±1	15	31.623	1.93	0.01213	1
2412	802.11g	15.25	15±1	16	39.811	1.93	0.01527	1
2437		14.66	14±1	15	31.623	1.93	0.01213	1
2462		14.47	14±1	15	31.623	1.93	0.01213	1
2412	802.11n H20	14.94	14±1	15	31.623	1.93	0.01213	1
2437		14.49	14±1	15	31.623	1.93	0.01213	1
2462		14.25	14±1	15	31.623	1.93	0.01213	1
2422	802.11n H40	15.37	15±1	16	39.811	1.93	0.01527	1
2437		14.68	14±1	15	31.623	1.93	0.01213	1
2452		14.23	14±1	15	31.623	1.93	0.01213	1
2412	11AX20SISO	15.97	15±1	16	39.811	1.93	0.01527	1
2437		15.61	15±1	16	39.811	1.93	0.01527	1
2462		15.24	15±1	16	39.811	1.93	0.01527	1
2422	11AX40SISO	16.15	16±1	17	50.119	1.93	0.01922	1
2437		15.16	15±1	16	39.811	1.93	0.01527	1
2452		14.83	15±1	16	39.811	1.93	0.01527	1

MIMO

Channel Freq. (MHz)	modulation	conducted power	Tune-up power	Max		Antenna	Evaluation result at 20cm	Power density Limits
		(dBm)	(dBm)	tune-up power		Gain	Power density(mW/cm ²)	(mW/cm ²)
				(dBm)	(mW)	Numerical		
ANT1								
2412	802.11n H20	14.33	14±1	15	31.623	3.78	0.02375	1
2437		13.64	13±1	14	25.119	3.78	0.01887	1
2462		13.63	13±1	14	25.119	3.78	0.01887	1
2422	802.11n H40	14.67	14±1	15	31.623	3.78	0.02375	1
2437		15.67	15±1	16	39.811	3.78	0.02990	1
2452		12.94	12±1	13	19.953	3.78	0.01499	1
2412	11AX20SISO	17.17	17±1	18	63.096	3.78	0.04739	1
2437		15.25	15±1	16	39.811	3.78	0.02990	1
2462		15.27	15±1	16	39.811	3.78	0.02990	1
2422	11AX40SISO	15.52	15±1	16	39.811	3.78	0.02990	1
2437		17.76	17±1	18	63.096	3.78	0.04739	1
2452		14.76	14±1	15	31.623	3.78	0.02375	1
ANT2								
2412	802.11n H20	14.09	14±1	15	31.623	3.78	0.02375	1
2437		13.16	13±1	14	25.119	3.78	0.01887	1
2462		13.17	13±1	14	25.119	3.78	0.01887	1
2422	802.11n H40	14.2	14±1	15	31.623	3.78	0.02375	1
2437		16.95	16±1	17	50.119	3.78	0.03765	1
2452		13.12	13±1	14	25.119	3.78	0.01887	1
2412	11AX20SISO	16.62	16±1	17	50.119	3.78	0.03765	1
2437		14.43	14±1	15	31.623	3.78	0.02375	1
2462		14.34	14±1	15	31.623	3.78	0.02375	1
2422	11AX40SISO	14.96	14±1	15	31.623	3.78	0.02375	1
2437		18.38	18±1	19	79.433	3.78	0.05967	1
2452		14.07	14±1	15	31.623	3.78	0.02375	1

Sum

Channel Freq. (MHz)	modulation	ANT1	ANT2	Sum	(mW/cm ²)
2412	802.11n H20	0.02375	0.02375	0.0475	1
2437		0.01887	0.01887	0.03774	1
2462		0.01887	0.01887	0.03774	1
2422	802.11n H40	0.02375	0.02375	0.0475	1
2437		0.02990	0.03765	0.06755	1
2452		0.01499	0.01887	0.03386	1
2412	11AX20SISO	0.04739	0.03765	0.08504	1
2437		0.02990	0.02375	0.05365	1
2462		0.02990	0.02375	0.05365	1
2422	11AX40SISO	0.02990	0.02375	0.05365	1
2437		0.04739	0.05967	0.10706	1
2452		0.02375	0.02375	0.0475	1

5G WIFI: UNII-1

SISO ANT1

Channel Freq. (MHz)	modulation	conduct ed	Tune-up	Max		Antenn a	Evaluation result at 20cm	Power density
		(dBm)	(dBm)	tune-up power		Gain	Power density(mW/cm ²)	(mW/cm ²)
				(dBm)	(mW)	Numeric		
5180	11a	10.65	10±1	11	12.589	2.86	0.00716	1
5200	11a	10.87	10±1	11	12.589	2.86	0.00716	1
5240	11a	11.01	10±1	11	12.589	2.86	0.00716	1
5180	11n (HT20)	10.72	10±1	11	12.589	2.86	0.00716	1
5200	11n (HT20)	10.9	10±1	11	12.589	2.86	0.00716	1
5240	11n (HT20)	11.05	11±1	12	15.849	2.86	0.00901	1
5190	11n (HT40)	11.37	11±1	12	15.849	2.86	0.00901	1
5230	11n (HT40)	12.11	12±1	13	19.953	2.86	0.01134	1
5180	11ac(HT20)	10.4	10±1	11	12.589	2.86	0.00716	1
5200	11ac (HT20)	10.55	10±1	11	12.589	2.86	0.00716	1
5240	11ac (HT20)	10.72	10±1	11	12.589	2.86	0.00716	1
5190	11ac (HT40)	11.37	11±1	12	15.849	2.86	0.00901	1
5230	11ac (HT40)	12.12	12±1	13	19.953	2.86	0.01134	1
5210	11ac (HT80)	11.87	11±1	12	15.849	2.86	0.00901	1
5180	11ax(HT20)	10.6	10±1	11	12.589	2.86	0.00716	1
5200	11ax (HT20)	10.75	10±1	11	12.589	2.86	0.00716	1
5240	11ax (HT20)	10.9	10±1	11	12.589	2.86	0.00716	1
5190	11ax (HT40)	11.01	11±1	12	15.849	2.86	0.00901	1
5230	11ax (HT40)	11.75	11±1	12	15.849	2.86	0.00901	1
5210	11ax (HT80)	9.42	9±1	10	10.000	2.86	0.00568	

ANT2

Channel Freq. (MHz)	modulation	conduct ed	Tune-up	Max		Antenna	Evaluation result at 20cm	Power density
		(dBm)	(dBm)	tune-up power		Gain	Power density(mW/cm ²)	(mW/cm ²)
				(dBm)	(mW)	Numeric		
5180	11a	10.65	10±1	11	12.589	2.22	0.00556	1
5200	11a	11.49	11±1	12	15.849	2.22	0.00699	1
5240	11a	11.27	11±1	12	15.849	2.22	0.00699	1
5180	11n (HT20)	10.34	10±1	11	12.589	2.22	0.00556	1
5200	11n (HT20)	11.18	11±1	12	15.849	2.22	0.00699	1
5240	11n (HT20)	10.94	10±1	11	12.589	2.22	0.00556	1
5190	11n (HT40)	12.12	12±1	13	19.953	2.22	0.00881	1
5230	11n (HT40)	12.42	12±1	13	19.953	2.22	0.00881	1
5180	11ac (HT20)	10.28	10±1	11	12.589	2.22	0.00556	1
5200	11ac (HT20)	11.15	11±1	12	15.849	2.22	0.00699	1
5240	11ac (HT20)	10.96	10±1	11	12.589	2.22	0.00556	1
5190	11ac (HT40)	12.11	12±1	13	19.953	2.22	0.00881	1
5230	11ac (HT40)	12.42	12±1	13	19.953	2.22	0.00881	1
5210	11ac (HT80)	12.17	12±1	13	19.953	2.22	0.00881	1
5180	11ax(HT20)	10.53	10±1	11	12.589	2.22	0.00556	1
5200	11ax (HT20)	11.36	11±1	12	15.849	2.22	0.00699	1
5240	11ax (HT20)	11.12	11±1	12	15.849	2.22	0.00699	1
5190	11ax (HT40)	11.71	11±1	12	15.849	2.22	0.00699	1
5230	11ax (HT40)	12.03	12±1	13	19.953	2.22	0.00881	1
5210	11ax (HT80)	12.33	12±1	13	19.953	2.22	0.00881	1

5G WIFI: UNII-3

SISO ANT1

Channel Freq. (MHz)	modulation	conduct ed	Tune-up	Max		Antenn a	Evaluation result at 20cm	Power density
		(dBm)	(dBm)	tune-up power		Gain	Power density(mW/cm ²)	(mW/cm ²)
				(dBm)	(mW)	Numeric		
5745	11a	9.18	9±1	10	10.00	2.22	0.00441	1
5785	11a	9.02	9±1	10	10.00	2.22	0.00441	1
5825	11a	8.96	8±1	9	7.94	2.22	0.00351	1
5745	11n (HT20)	8.86	8±1	9	7.94	2.22	0.00351	1
5785	11n (HT20)	8.68	8±1	9	7.94	2.22	0.00351	1
5825	11n (HT20)	8.62	8±1	9	7.94	2.22	0.00351	1
5755	11n (HT40)	9.85	9±1	10	10.00	2.22	0.00441	1
5795	11n (HT40)	10.29	10±1	11	12.59	2.22	0.00556	1
5745	11ac(HT20)	8.86	8±1	9	7.94	2.22	0.00351	1
5785	11ac (HT20)	8.68	8±1	9	7.94	2.22	0.00351	1
5825	11ac (HT20)	8.6	8±1	9	7.94	2.22	0.00351	1
5755	11ac (HT40)	9.85	9±1	10	10.00	2.22	0.00441	1
5795	11ac (HT40)	10.28	10±1	11	12.59	2.22	0.00556	1
5775	11ac (HT80)	8.93	8±1	9	7.94	2.22	0.00351	1
5745	11ax(HT20)	9.11	9±1	10	10.00	2.22	0.00441	1
5785	11ax (HT20)	8.88	8±1	9	7.94	2.22	0.00351	1
5825	11ax (HT20)	8.83	8±1	9	7.94	2.22	0.00351	1
5755	11ax (HT40)	9.71	9±1	10	10.00	2.22	0.00441	1
5795	11ax (HT40)	9.93	9±1	10	10.00	2.22	0.00441	1
5775	11ax (HT80)	7.7	7±1	8	6.31	2.22	0.00278	1

ANT2

Channel Freq. (MHz)	modulation	conduct ed	Tune-up	Max		Antenna	Evaluation result at 20cm	Power density
		(dBm)	(dBm)	tune-up power		Gain	Power density(mW/cm ²)	(mW/cm ²)
				(dBm)	(mW)	Numeric		
5745	11a	10.46	10±1	11	12.59	2.86	0.00716	1
5785	11a	8.99	8±1	9	7.94	2.86	0.00452	1
5825	11a	9.71	9±1	10	10.00	2.86	0.00568	1
5745	11n (HT20)	10.13	10±1	11	12.59	2.86	0.00716	1
5785	11n (HT20)	8.65	8±1	9	7.94	2.86	0.00452	1
5825	11n (HT20)	9.37	9±1	10	10.00	2.86	0.00568	1
5755	11n (HT40)	11.32	11±1	12	15.85	2.86	0.00901	1
5795	11n (HT40)	10.3	10±1	11	12.59	2.86	0.00716	1
5745	11ac (HT20)	10.15	10±1	11	12.59	2.86	0.00716	1
5785	11ac (HT20)	8.62	8±1	9	7.94	2.86	0.00452	1
5825	11ac (HT20)	9.32	9±1	10	10.00	2.86	0.00568	1
5755	11ac (HT40)	11.34	11±1	12	15.85	2.86	0.00901	1
5795	11ac (HT40)	10.28	10±1	11	12.59	2.86	0.00716	1
5775	11ac (HT80)	9	9±1	10	10.00	2.86	0.00568	1
5745	11ax(HT20)	10.34	10±1	11	12.59	2.86	0.00716	1
5785	11ax (HT20)	8.82	8±1	9	7.94	2.86	0.00452	1
5825	11ax (HT20)	9.53	9±1	10	10.00	2.86	0.00568	1
5755	11ax (HT40)	10.94	10±1	11	12.59	2.86	0.00716	1
5795	11ax (HT40)	9.91	9±1	10	10.00	2.86	0.00568	1
5775	11ax (HT80)	10.46	10±1	11	12.59	2.86	0.00716	1

MIMO

5G WIFI: UNII-1

ANT1

Channel Freq. (MHz)	modulation	conduct ed	Tune-up	Max		Antenn a	Evaluation result at 20cm	Power density
		(dBm)	(dBm)	tune-up power		Gain	Power density(mW/cm ²)	(mW/cm ²)
				(dBm)	(mW)	Numeric		
5180	11n (HT20)	7.39	7±1	8	6.31	5.06	0.00635	1
5200	11n (HT20)	7.74	7±1	8	6.31	5.06	0.00635	1
5240	11n (HT20)	8.26	8±1	9	7.94	5.06	0.00799	1
5190	11n (HT40)	8.44	8±1	9	7.94	5.06	0.00799	1
5230	11n (HT40)	9.58	9±1	10	10.00	5.06	0.01006	1
5180	11ac(HT20)	7.55	7±1	8	6.31	5.06	0.00635	1
5200	11ac (HT20)	7.87	7±1	8	6.31	5.06	0.00635	1
5240	11ac (HT20)	8.36	8±1	9	7.94	5.06	0.00799	1
5190	11ac (HT40)	8.56	8±1	9	7.94	5.06	0.00799	1
5230	11ac (HT40)	9.69	9±1	10	10.00	5.06	0.01006	1
5210	11ac (HT80)	9.54	9±1	10	10.00	5.06	0.01006	1
5180	11ax(HT20)	7.97	7±1	8	6.31	5.06	0.00635	1
5200	11ax (HT20)	8.39	8±1	9	7.94	5.06	0.00799	1
5240	11ax (HT20)	8.88	8±1	9	7.94	5.06	0.00799	1
5190	11ax (HT40)	8.62	8±1	9	7.94	5.06	0.00799	1
5230	11ax (HT40)	9.73	9±1	10	10.00	5.06	0.01006	1
5210	11ax (HT80)	9.31	9±1	10	10.00	5.06	0.01006	1

ANT2

Channel Freq. (MHz)	modulation	conduct ed	Tune-up	Max		Antenna	Evaluation result at 20cm	Power density
		(dBm)	(dBm)	tune-up power		Gain	Power density(mW/cm ²)	(mW/cm ²)
				(dBm)	(mW)	Numeric		
5180	11n (HT20)	10.5	10±1	11	12.59	5.06	0.01267	1
5200	11n (HT20)	11.36	11±1	12	15.85	5.06	0.01595	1
5240	11n (HT20)	11.01	11±1	12	15.85	5.06	0.01595	1
5190	11n (HT40)	12.11	12±1	13	19.95	5.06	0.02008	1
5230	11n (HT40)	12.39	12±1	13	19.95	5.06	0.02008	1
5180	11ac (HT20)	10.58	10±1	11	12.59	5.06	0.01267	1
5200	11ac (HT20)	11.37	11±1	12	15.85	5.06	0.01595	1
5240	11ac (HT20)	11.1	11±1	12	15.85	5.06	0.01595	1
5190	11ac (HT40)	11.96	11±1	12	15.85	5.06	0.01595	1
5230	11ac (HT40)	12.24	12±1	13	19.95	5.06	0.02008	1
5210	11ac (HT80)	12.56	12±1	13	19.95	5.06	0.02008	1
5180	11ax(HT20)	10.96	10±1	11	12.59	5.06	0.01267	1
5200	11ax (HT20)	11.75	11±1	12	15.85	5.06	0.01595	1
5240	11ax (HT20)	11.45	11±1	12	15.85	5.06	0.01595	1
5190	11ax (HT40)	11.97	11±1	12	15.85	5.06	0.01595	1
5230	11ax (HT40)	12.27	12±1	13	19.95	5.06	0.02008	1
5210	11ax (HT80)	12.31	12±1	13	19.95	5.06	0.02008	1

TEST REPORT

Report No.: MTI260320019-0102E5

SUN

Channel Freq. (MHz)	modulation	Power density(mW/cm ²) ANT1	Power density(mW/cm ²) ANT2	Power density(mW/cm ²) Total	Power density Limits
		Power density(mW/cm ²) ANT1	Power density(mW/cm ²) ANT2	Power density(mW/cm ²) Total	(mW/cm ²)
5180	11n (HT20)	0.00635	0.01267	0.01902	1
5200	11n (HT20)	0.00635	0.01595	0.0223	1
5240	11n (HT20)	0.00799	0.01595	0.02394	1
5190	11n (HT40)	0.00799	0.02008	0.02807	1
5230	11n (HT40)	0.01006	0.02008	0.03014	1
5180	11ac(HT20)	0.00635	0.01267	0.01902	1
5200	11ac (HT20)	0.00635	0.01595	0.0223	1
5240	11ac (HT20)	0.00799	0.01595	0.02394	1
5190	11ac (HT40)	0.00799	0.01595	0.02394	1
5230	11ac (HT40)	0.01006	0.02008	0.03014	1
5210	11ac (HT80)	0.01006	0.02008	0.03014	1
5180	11ac(HT20)	0.06349	0.01267	0.07616	1
5200	11ac (HT20)	0.00799	0.01595	0.02394	1
5240	11ac (HT20)	0.00799	0.01595	0.02394	1
5190	11ac (HT40)	0.00799	0.01595	0.02394	1
5230	11ac (HT40)	0.01006	0.02008	0.03014	1
5210	11ac (HT80)	0.01006	0.02008	0.03014	1

MIMO

5G WIFI: UNII-3

ANT1

Channel Freq. (MHz)	modulation	conduct ed	Tune-up	Max		Antenn a	Evaluation result at 20cm	Power density
		(dBm)	(dBm)	tune-up power		Gain	Power density(mW/cm ²)	(mW/cm ²)
				(dBm)	(mW)	Numeric		
5180	11n (HT20)	7.72	7±1	8	6.31	5.06	0.00635	1
5200	11n (HT20)	7.67	7±1	8	6.31	5.06	0.00635	1
5240	11n (HT20)	7.74	7±1	8	6.31	5.06	0.00635	1
5190	11n (HT40)	8.78	8±1	9	7.94	5.06	0.00799	1
5230	11n (HT40)	9.3	9±1	10	10.00	5.06	0.01006	1
5180	11ac(HT20)	7.77	7±1	8	6.31	5.06	0.00635	1
5200	11ac (HT20)	7.61	7±1	8	6.31	5.06	0.00635	1
5240	11ac (HT20)	7.65	7±1	8	6.31	5.06	0.00635	1
5190	11ac (HT40)	8.65	8±1	9	7.94	5.06	0.00799	1
5230	11ac (HT40)	8.91	8±1	9	7.94	5.06	0.00799	1
5210	11ac (HT80)	7.77	7±1	8	6.31	5.06	0.00635	1
5180	11ax(HT20)	7.97	7±1	8	6.31	5.06	0.00635	1
5200	11ax (HT20)	7.91	7±1	8	6.31	5.06	0.00635	1
5240	11ax (HT20)	8.6	8±1	9	7.94	5.06	0.00799	1
5190	11ax (HT40)	8.88	8±1	9	7.94	5.06	0.00799	1
5230	11ax (HT40)	7.62	7±1	8	6.31	5.06	0.00635	1
5210	11ax (HT80)	7.72	7±1	8	6.31	5.06	0.00635	1

ANT2

Channel Freq. (MHz)	modulation	conduct ed	Tune-up	Max		Antenna	Evaluation result at 20cm	Power density
		(dBm)	(dBm)	tune-up power		Gain	Power density(mW/cm ²)	(mW/cm ²)
				(dBm)	(mW)	Numeric		
5180	11n (HT20)	10.57	10±1	11	12.59	5.06	0.01267	1
5200	11n (HT20)	9.13	9±1	10	10.00	5.06	0.01006	1
5240	11n (HT20)	9.82	9±1	10	10.00	5.06	0.01006	1
5190	11n (HT40)	11.64	11±1	12	15.85	5.06	0.01595	1
5230	11n (HT40)	10.57	10±1	11	12.59	5.06	0.01267	1
5180	11ac (HT20)	10.46	10±1	11	12.59	5.06	0.01267	1
5200	11ac (HT20)	8.93	8±1	9	7.94	5.06	0.00799	1
5240	11ac (HT20)	9.62	9±1	10	10.00	5.06	0.01006	1
5190	11ac (HT40)	11.18	11±1	12	15.85	5.06	0.01595	1
5230	11ac (HT40)	10.19	10±1	11	12.59	5.06	0.01267	1
5210	11ac (HT80)	9.56	9±1	10	10.00	5.06	0.01006	1
5180	11ax(HT20)	9.13	9±1	10	10.00	5.06	0.01006	1
5200	11ax (HT20)	9.86	9±1	10	10.00	5.06	0.01006	1
5240	11ax (HT20)	11.24	11±1	11	12.59	5.06	0.01267	1
5190	11ax (HT40)	10.2	10±1	11	12.59	5.06	0.01267	1
5230	11ax (HT40)	9.12	9±1	10	10.00	5.06	0.01006	1
5210	11ax (HT80)	10.57	10±1	11	12.59	5.06	0.01267	1

SUN

Channel Freq. (MHz)	modulation	Evaluation result at 20cm	Evaluation result at 20cm	Evaluation result at 20cm	Power density Limits
		Power density(mW/cm ²) ANT1	Power density(mW/cm ²) ANT2	Power density(mW/cm ²) Total	(mW/cm ²)
5180	11n (HT20)	0.00635	0.01267	0.01902	1
5200	11n (HT20)	0.00635	0.01006	0.01641	1
5240	11n (HT20)	0.00635	0.01006	0.01641	1
5190	11n (HT40)	0.00799	0.01595	0.02394	1
5230	11n (HT40)	0.01006	0.01267	0.02273	1
5180	11ac(HT20)	0.00635	0.01267	0.01902	1
5200	11ac (HT20)	0.00635	0.00799	0.01434	1
5240	11ac (HT20)	0.00635	0.01006	0.01641	1
5190	11ac (HT40)	0.00799	0.01595	0.02394	1
5230	11ac (HT40)	0.00799	0.01267	0.02066	1
5210	11ac (HT80)	0.00635	0.01006	0.01641	1
5180	11ac(HT20)	0.00635	0.01006	0.01641	1
5200	11ac (HT20)	0.00635	0.01006	0.01641	1
5240	11ac (HT20)	0.00799	0.01267	0.02066	1
5190	11ac (HT40)	0.00799	0.01267	0.02066	1
5230	11ac (HT40)	0.00635	0.01006	0.01641	1
5210	11ac (HT80)	0.00635	0.01267	0.01902	1

Conclusion:

BT+BLE+2.4G WiFi+ 5G WiFi= 0.0018+ 0.0018+ 0.10706+ 0.07616= 0.18682

For the max result: $0.18682 \leq 1.0$ test exclusion threshold, No SAR is required.

Statement

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***** END OF REPORT *****