

RF Exposure evaluation

FCC ID: 2A54C-AWS905D303

Exposure category: General population/uncontrolled environment

EUT Type: Production Unit

Device Type: Mobile Device

1. Reference

According to §1.1307(b)(1), systems operating under the provisions of this section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy level in excess of the Commission’s guidelines.

According to §1.1310 and §2.1091 RF exposure is calculated.

KDB447498 D01: Mobile and Portable Devices RF Exposure Procedures and Equipment Authorization Policies

2. Limit

Limits for Maximum Permissible Exposure (MPE)/Controlled Exposure

Frequency Range(MHz)	Electric Field Strength(V/m)	Magnetic Field Strength(A/m)	Power Density (mW/cm ²)	Averaging Time (minute)
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 – 1500	/	/	f/300	6
1500 – 100,000	/	/	5	6

Limits for Maximum Permissible Exposure (MPE)/Uncontrolled Exposure

Frequency Range(MHz)	Electric Field Strength(V/m)	Magnetic Field Strength(A/m)	Power Density (mW/cm ²)	Averaging Time (minute)
Limits for Occupational/Controlled Exposure				
0.3 – 3.0	614	1.63	(100) *	30
3.0 – 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

F=frequency in MHz

*=Plane-wave equivalent power density

3. MPE Calculation Method

Predication of MPE limit at a given distance

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

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

Where: S=power density

P=power input to 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

4. Antenna Information

AW.S905D3.03 can only use antennas certificated as follows provided by manufacturer;

SKI.WB800D.3

Antenna No.	Model No. of antenna:	Type of antenna:	Gain of the antenna (Max.)	Frequency range:
BT	/	PCB Antenna	3.0dBi for 2400-2500MHz	
2.4GWIFI	/	PCB Antenna	3.0dBi for 2400-2500MHz	
5GWIFI	/	PCB Antenna	3.0dBi for 5000-6000MHz	

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Antenna No.	Model No. of antenna:	Type of antenna:	Gain of the antenna (Max.)	Frequency range:
BT	/	PCB Antenna	3.0dBi for 2400-2500MHz;	
2.4GWIFI	/	PCB Antenna	3.0dBi for 2400-2500MHz for ANT 1&2	
5GWIFI	/	PCB Antenna	3.0dBi for 5000-6000MHz for ANT 1&2	

5. Manufacturing Tolerance

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BLE GFSK(Peak)			
Channel	Channel 00	Channel 19	Channel 39
Target (dBm)	-1.0	-1.0	-1.0
Tolerance ±(dB)	1.0	1.0	1.0
2BLE GFSK(Peak)			
Channel	Channel 00	Channel 19	Channel 39
Target (dBm)	-1.0	-1.0	-1.0
Tolerance ±(dB)	1.0	1.0	1.0

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BLE GFSK(Peak)			
Channel	Channel 00	Channel 19	Channel 39
Target (dBm)	3.0	3.0	3.0
Tolerance ±(dB)	1.0	1.0	1.0

2BLE GFSK(Peak)			
Channel	Channel 00	Channel 19	Channel 39
Target (dBm)	3.0	3.0	3.0
Tolerance \pm (dB)	1.0	1.0	1.0

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GFSK(Peak)			
Channel	Channel 00	Channel 39	Channel 78
Target (dBm)	-1.0	-1.0	-1.0
Tolerance \pm (dB)	1.0	1.0	1.0
$\pi/4$ -DQPSK (Peak)			
Channel	Channel 00	Channel 39	Channel 78
Target (dBm)	-1.0	-1.0	-1.0
Tolerance \pm (dB)	1.0	1.0	1.0
8-DPSK (Peak)			
Channel	Channel 00	Channel 39	Channel 78
Target (dBm)	-1.0	-1.0	-1.0
Tolerance \pm (dB)	1.0	1.0	1.0

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GFSK(Peak)			
Channel	Channel 00	Channel 39	Channel 78
Target (dBm)	3.0	3.0	3.0
Tolerance \pm (dB)	1.0	1.0	1.0
$\pi/4$ -DQPSK (Peak)			
Channel	Channel 00	Channel 39	Channel 78
Target (dBm)	4.0	4.0	4.0
Tolerance \pm (dB)	1.0	1.0	1.0
8-DPSK (Peak)			
Channel	Channel 00	Channel 39	Channel 78
Target (dBm)	4.0	4.0	4.0
Tolerance \pm (dB)	1.0	1.0	1.0

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WIFI(Peak) ANT1

Frequency (MHz)	11b		
	2412	2437	2462
Target (dBm)	15.0	14.0	13.0
Tolerance ± (dB)	1.0	1.0	1.0
Frequency (MHz)	11g		
	2412	2437	2462
Target (dBm)	15.0	14.0	13.0
Tolerance ± (dB)	1.0	1.0	1.0
Frequency (MHz)	11n(HT20)		
	2412	2437	2462
Target (dBm)	15.0	14.0	13.0
Tolerance ± (dB)	1.0	1.0	1.0
Frequency (MHz)	11n(HT40)		
	2422	2437	2452
Target (dBm)	13.0	13.0	13.0
Tolerance ± (dB)	1.0	1.0	1.0
Frequency (MHz)	Ax(HT20)		
	2412	2437	2462
Target (dBm)	15.0	14.0	13.0
Tolerance ± (dB)	1.0	1.0	1.0
Frequency (MHz)	Ax(HT40)		
	2422	2437	2452
Target (dBm)	14.0	13.0	13.0
Tolerance ± (dB)	1.0	1.0	1.0

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WIFI(Peak) ANT1

Frequency (MHz)	11b		
	2412	2437	2462
Target (dBm)	16.0	16.0	16.0
Tolerance ± (dB)	1.0	1.0	1.0
Frequency (MHz)	11g		
	2412	2437	2462
Target (dBm)	15.0	15.0	15.0
Tolerance ± (dB)	1.0	1.0	1.0
Frequency (MHz)	11n(HT20)		
	2412	2437	2462
Target (dBm)	11.0	11.0	11.0
Tolerance ± (dB)	1.0	1.0	1.0
Frequency (MHz)	11n(HT40)		
	2422	2437	2452

Target (dBm)	11.0	11.0	11.0
Tolerance ± (dB)	1.0	1.0	1.0

WIFI(Peak) ANT2

Frequency (MHz)	11b		
	2412	2437	2462
Target (dBm)	16.0	16.0	15.0
Tolerance ± (dB)	1.0	1.0	1.0
Frequency (MHz)	11g		
	2412	2437	2462
Target (dBm)	15.0	15.0	15.0
Tolerance ± (dB)	1.0	1.0	1.0
Frequency (MHz)	11n(HT20)		
	2412	2437	2462
Target (dBm)	11.0	11.0	11.0
Tolerance ± (dB)	1.0	1.0	1.0
Frequency (MHz)	11n(HT40)		
	2422	2437	2452
Target (dBm)	11.0	11.0	11.0
Tolerance ± (dB)	1.0	1.0	1.0

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[5.2GHz WLAN]

IEEE 802.11A (Average)			
Frequency (MHz)	5180	5200	5240
Target (dBm)	14.0	14.0	14.0
Tolerance ± (dB)	1.0	1.0	1.0
IEEE 802.11n20 (Average)			
Frequency (MHz)	5180	5200	5240
Target (dBm)	14.0	14.0	14.0
Tolerance ± (dB)	1.0	1.0	1.0
IEEE 802.11ac20 (Average)			
Frequency (MHz)	5180	5200	5240
Target (dBm)	14.0	14.0	14.0
Tolerance ± (dB)	1.0	1.0	1.0
IEEE 802.11n40 (Average)			
Frequency (MHz)	5190	/	5230
Target (dBm)	14.0	/	14.0
Tolerance ± (dB)	1.0	/	1.0
IEEE 802.11ac40 (Average)			
Frequency (MHz)	5190	/	5230
Target (dBm)	14.0	/	14.0
Tolerance ± (dB)	1.0	/	1.0

IEEE 802.11ax20 (Average)			
Frequency (MHz)	5180	5200	5240
Target (dBm)	14.0	14.0	14.0
Tolerance \pm (dB)	1.0	1.0	1.0
IEEE 802.11ax40 (Average)			
Frequency (MHz)	5190	/	5230
Target (dBm)	14.0	/	14.0
Tolerance \pm (dB)	1.0	/	1.0

[5.2GHz-2A WLAN]

IEEE 802.11A (Average)			
Frequency (MHz)	5260	5280	5320
Target (dBm)	14.0	14.0	14.0
Tolerance \pm (dB)	1.0	1.0	1.0
IEEE 802.11n20 (Average)			
Frequency (MHz)	5260	5280	5320
Target (dBm)	14.0	14.0	13.0
Tolerance \pm (dB)	1.0	1.0	1.0
IEEE 802.11ac20 (Average)			
Frequency (MHz)	5260	5280	5320
Target (dBm)	14.0	14.0	13.0
Tolerance \pm (dB)	1.0	1.0	1.0
IEEE 802.11n40 (Average)			
Frequency (MHz)	5270	/	5310
Target (dBm)	14.0	/	14.0
Tolerance \pm (dB)	1.0	/	1.0
IEEE 802.11ac40 (Average)			
Frequency (MHz)	5270	/	5310
Target (dBm)	14.0	/	14.0
Tolerance \pm (dB)	1.0	/	1.0
IEEE 802.11ax20 (Average)			
Frequency (MHz)	5260	5280	5320
Target (dBm)	14.0	14.0	13.0
Tolerance \pm (dB)	1.0	1.0	1.0
IEEE 802.11ax40 (Average)			
Frequency (MHz)	5270	/	5310
Target (dBm)	14.0	/	14.0
Tolerance \pm (dB)	1.0	/	1.0

[5.2GHz-2C WLAN]

IEEE 802.11A (Average)			
Frequency (MHz)	5500	5600	5700
Target (dBm)	11.0	10.0	9.0
Tolerance ± (dB)	1.0	1.0	1.0
IEEE 802.11n20 (Average)			
Frequency (MHz)	5500	5600	5700
Target (dBm)	11.0	10.0	9.0
Tolerance ± (dB)	1.0	1.0	1.0
IEEE 802.11ac20 (Average)			
Frequency (MHz)	5500	5600	5700
Target (dBm)	11.0	10.0	9.0
Tolerance ± (dB)	1.0	1.0	1.0
IEEE 802.11n40 (Average)			
Frequency (MHz)	5510	/	5670
Target (dBm)	11.0	/	9.0
Tolerance ± (dB)	1.0	/	1.0
IEEE 802.11ac40 (Average)			
Frequency (MHz)	5510	/	5670
Target (dBm)	11.0	/	9.0
Tolerance ± (dB)	1.0	/	1.0
IEEE 802.11ax20 (Average)			
Frequency (MHz)	5500	5600	5700
Target (dBm)	12.0	11.0	10.0
Tolerance ± (dB)	1.0	1.0	1.0
IEEE 802.11ax40 (Average)			
Frequency (MHz)	5510	/	5670
Target (dBm)	12.0	/	9.0
Tolerance ± (dB)	1.0	/	1.0

[5.8GHz WLAN]

IEEE 802.11A (Average)			
Frequency (MHz)	5745	5785	5825
Target (dBm)	9.0	9.0	6.0
Tolerance ± (dB)	1.0	1.0	1.0
IEEE 802.11n20 (Average)			
Frequency (MHz)	5745	5785	5825
Target (dBm)	9.0	9.0	6.0
Tolerance ± (dB)	1.0	1.0	1.0
IEEE 802.11ac20 (Average)			
Frequency (MHz)	5745	5785	5825
Target (dBm)	9.0	9.0	6.0

Tolerance ± (dB)	1.0	1.0	1.0
IEEE 802.11n40 (Average)			
Frequency (MHz)	5755	/	5795
Target (dBm)	9.0	/	8.0
Tolerance ± (dB)	1.0	/	1.0
IEEE 802.11ac40 (Average)			
Frequency (MHz)	5755	/	5795
Target (dBm)	9.0	/	8.0
Tolerance ± (dB)	1.0	/	1.0
IEEE 802.11ax20 (Average)			
Frequency (MHz)	5745	5785	5825
Target (dBm)	10.0	9.0	7.0
Tolerance ± (dB)	1.0	1.0	1.0
IEEE 802.11ax40 (Average)			
Frequency (MHz)	5755	/	5795
Target (dBm)	10.0	/	9.0
Tolerance ± (dB)	1.0	/	1.0

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[5.2GHz WLAN] ANT 1

IEEE 802.11A (Average)			
Frequency (MHz)	5180	5200	5240
Target (dBm)	12.0	12.0	13.0
Tolerance ± (dB)	1.0	1.0	1.0
IEEE 802.11n20 (Average)			
Frequency (MHz)	5180	5200	5240
Target (dBm)	8.0	8.0	10.0
Tolerance ± (dB)	1.0	1.0	1.0
IEEE 802.11ac20 (Average)			
Frequency (MHz)	5180	5200	5240
Target (dBm)	8.0	9.0	10.0
Tolerance ± (dB)	1.0	1.0	1.0
IEEE 802.11n40 (Average)			
Frequency (MHz)	5190	/	5230
Target (dBm)	8.0	/	9.0
Tolerance ± (dB)	1.0	/	1.0
IEEE 802.11ac40 (Average)			
Frequency (MHz)	5190	/	5230
Target (dBm)	8.0	/	9.0
Tolerance ± (dB)	1.0	/	1.0
IEEE 802.11ac80 (Average)			
Frequency (MHz)	/	5210	/
Target (dBm)	/	10.0	/

Tolerance ± (dB)	/	1.0	/
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[5.2GHz WLAN] ANT 2

IEEE 802.11A (Average)			
Frequency (MHz)	5180	5200	5240
Target (dBm)	13.0	13.0	14.0
Tolerance ± (dB)	1.0	1.0	1.0
IEEE 802.11n20 (Average)			
Frequency (MHz)	5180	5200	5240
Target (dBm)	10.0	11.0	11.0
Tolerance ± (dB)	1.0	1.0	1.0
IEEE 802.11ac20 (Average)			
Frequency (MHz)	5180	5200	5240
Target (dBm)	10.0	11.0	11.0
Tolerance ± (dB)	1.0	1.0	1.0
IEEE 802.11n40 (Average)			
Frequency (MHz)	5190	/	5230
Target (dBm)	10.0	/	11.0
Tolerance ± (dB)	1.0	/	1.0
IEEE 802.11ac40 (Average)			
Frequency (MHz)	5190	/	5230
Target (dBm)	10.0	/	11.0
Tolerance ± (dB)	1.0	/	1.0
IEEE 802.11ac80 (Average)			
Frequency (MHz)	/	5210	/
Target (dBm)	/	10.0	/
Tolerance ± (dB)	/	1.0	/

[5.2GHz-2A WLAN] ANT1

IEEE 802.11A (Average)			
Frequency (MHz)	5260	5280	5320
Target (dBm)	14.0	14.0	14.0
Tolerance ± (dB)	1.0	1.0	1.0
IEEE 802.11n20 (Average)			
Frequency (MHz)	/	5280	5320
Target (dBm)	/	10.0	10.0
Tolerance ± (dB)	/	1.0	1.0
IEEE 802.11ac20 (Average)			
Frequency (MHz)	/	5280	5320
Target (dBm)	/	10.0	10.0
Tolerance ± (dB)	/	1.0	1.0
IEEE 802.11n40 (Average)			
Frequency (MHz)	5270	/	5310

Target (dBm)	10.0	/	10.0
Tolerance ± (dB)	1.0	/	1.0
IEEE 802.11ac40 (Average)			
Frequency (MHz)	5270	/	5310
Target (dBm)	10.0	/	10.0
Tolerance ± (dB)	1.0	/	1.0
IEEE 802.11Ac80 (Average)			
Frequency (MHz)	/	5290	/
Target (dBm)	/	10.0	/
Tolerance ± (dB)	/	1.0	/

[5.2GHz-2A WLAN] ANT2

IEEE 802.11A (Average)			
Frequency (MHz)	5260	5280	5320
Target (dBm)	14.0	14.0	14.0
Tolerance ± (dB)	1.0	1.0	1.0
IEEE 802.11n20 (Average)			
Frequency (MHz)	/	5280	5320
Target (dBm)	/	11.0	11.0
Tolerance ± (dB)	/	1.0	1.0
IEEE 802.11ac20 (Average)			
Frequency (MHz)	/	5280	5320
Target (dBm)	/	11.0	11.0
Tolerance ± (dB)	/	1.0	1.0
IEEE 802.11n40 (Average)			
Frequency (MHz)	5270	/	5310
Target (dBm)	11.0	/	11.0
Tolerance ± (dB)	1.0	/	1.0
IEEE 802.11ac40 (Average)			
Frequency (MHz)	5270	/	5310
Target (dBm)	11.0	/	11.0
Tolerance ± (dB)	1.0	/	1.0
IEEE 802.11Ac80 (Average)			
Frequency (MHz)	/	5290	/
Target (dBm)	/	11.0	/
Tolerance ± (dB)	/	1.0	/

[5.2GHz-2C WLAN] ANT 1

IEEE 802.11A (Average)			
Frequency (MHz)	5500	5600	5700
Target (dBm)	14.0	14.0	14.0
Tolerance ± (dB)	1.0	1.0	1.0
IEEE 802.11n20 (Average)			
Frequency (MHz)	5500	5600	5700
Target (dBm)	9.0	11.0	10.0
Tolerance ± (dB)	1.0	1.0	1.0
IEEE 802.11ac20 (Average)			
Frequency (MHz)	5500	5600	5700
Target (dBm)	9.0	11.0	10.0
Tolerance ± (dB)	1.0	1.0	1.0
IEEE 802.11n40 (Average)			
Frequency (MHz)	5510	/	5670
Target (dBm)	9.0	/	11.0
Tolerance ± (dB)	1.0	/	1.0
IEEE 802.11ac40 (Average)			
Frequency (MHz)	5510	/	5670
Target (dBm)	9.0	/	11.0
Tolerance ± (dB)	1.0	/	1.0
IEEE 802.11ac80 (Average)			
Frequency (MHz)	5530	5610	/
Target (dBm)	9.0	11.0	/
Tolerance ± (dB)	1.0	1.0	/

[5.2GHz-2C WLAN] ANT 2

IEEE 802.11A (Average)			
Frequency (MHz)	5500	5600	5700
Target (dBm)	14.0	14.0	14.0
Tolerance ± (dB)	1.0	1.0	1.0
IEEE 802.11n20 (Average)			
Frequency (MHz)	5500	5600	5700
Target (dBm)	11.0	11.0	11.0
Tolerance ± (dB)	1.0	1.0	1.0
IEEE 802.11ac20 (Average)			
Frequency (MHz)	5500	5600	5700
Target (dBm)	11.0	11.0	11.0
Tolerance ± (dB)	1.0	1.0	1.0
IEEE 802.11n40 (Average)			
Frequency (MHz)	5510	/	5670
Target (dBm)	11.0	/	11.0
Tolerance ± (dB)	1.0	/	1.0

IEEE 802.11ac40 (Average)			
Frequency (MHz)	5510	/	5670
Target (dBm)	11.0	/	11.0
Tolerance ± (dB)	1.0	/	1.0
IEEE 802.11ac80 (Average)			
Frequency (MHz)	5530	5610	/
Target (dBm)	12.0	11.0	/
Tolerance ± (dB)	1.0	1.0	/

[5.8GHz WLAN] ANT1

IEEE 802.11A (Average)			
Frequency (MHz)	5745	5785	5825
Target (dBm)	12.0	12.0	9.0
Tolerance ± (dB)	1.0	1.0	1.0
IEEE 802.11n20 (Average)			
Frequency (MHz)	5745	5785	5825
Target (dBm)	6.0	7.0	4.0
Tolerance ± (dB)	1.0	1.0	1.0
IEEE 802.11ac20 (Average)			
Frequency (MHz)	5745	5785	5825
Target (dBm)	6.0	7.0	4.0
Tolerance ± (dB)	1.0	1.0	1.0
IEEE 802.11n40 (Average)			
Frequency (MHz)	5755	/	5795
Target (dBm)	6.0	/	7.0
Tolerance ± (dB)	1.0	/	1.0
IEEE 802.11ac40 (Average)			
Frequency (MHz)	5755	/	5795
Target (dBm)	6.0	/	7.0
Tolerance ± (dB)	1.0	/	1.0
IEEE 802.11ac80 (Average)			
Frequency (MHz)	/	5775	/
Target (dBm)	/	7.0	/
Tolerance ± (dB)	/	1.0	/

[5.8GHz WLAN] ANT2

IEEE 802.11A (Average)			
Frequency (MHz)	5745	5785	5825
Target (dBm)	10.0	10.0	9.0
Tolerance ± (dB)	1.0	1.0	1.0
IEEE 802.11n20 (Average)			
Frequency (MHz)	5745	5785	5825
Target (dBm)	7.0	7.0	5.0

Tolerance ± (dB)	1.0	1.0	1.0
IEEE 802.11ac20 (Average)			
Frequency (MHz)	5745	5785	5825
Target (dBm)	7.0	7.0	5.0
Tolerance ± (dB)	1.0	1.0	1.0
IEEE 802.11n40 (Average)			
Frequency (MHz)	5755	/	5795
Target (dBm)	7.0	/	7.0
Tolerance ± (dB)	1.0	/	1.0
IEEE 802.11ac40 (Average)			
Frequency (MHz)	5755	/	5795
Target (dBm)	7.0	/	7.0
Tolerance ± (dB)	1.0	/	1.0
IEEE 802.11ac80 (Average)			
Frequency (MHz)	/	5775	/
Target (dBm)	/	7.0	/
Tolerance ± (dB)	/	1.0	/

6. Standalone MPE Result

As declared by the Applicant, the EUT is a wireless device used in a fix application, at least 20 cm from any body part of the user or nearby persons; from the maximum EUT RF output power, the minimum separation distance, $r = 20\text{cm}$, as well as the gain of the used antenna is 3.0dBi, the RF power density can be obtained.

[SKI.WB668BS.3](#)

Modulation Type	Output power		Antenna Gain (dBi)	Antenna Gain (linear)	MPE (mW/cm ²)	MPE Limits (mW/cm ²)
	dBm	mW				
BT	5.0	3.1623	3.0	1.9953	0.0013	1.0000
BLE	4.0	2.5119	3.0	1.9953	0.0010	1.0000
2.4GWIFI Ant1	17.0	50.1187	3.0	1.9953	0.0199	1.0000
2.4GWIFI Ant2	17.0	50.1187	3.0	1.9953	0.0199	1.0000
5.2GWIFI Ant1	14.0	25.1189	3.0	1.9953	0.0100	1.0000
5.2GWIFI Ant2	15.0	31.6228	3.0	1.9953	0.0126	1.0000
5.2GWIFI-2A Ant1	15.0	31.6228	3.0	1.9953	0.0126	1.0000
5.2GWIFI-2A Ant2	15.0	31.6228	3.0	1.9953	0.0126	1.0000
5.2GWIFI-2C Ant1	15.0	31.6228	3.0	1.9953	0.0126	1.0000
5.2GWIFI-2C Ant2	15.0	31.6228	3.0	1.9953	0.0126	1.0000
5.8GWIFI Ant1	13.0	19.9526	3.0	1.9953	0.0079	1.0000
5.8GWIFI Ant2	11.0	12.5893	3.0	1.9953	0.0050	1.0000

SKI.WB800D.3

Modulation Type	Output power		Antenna Gain (dBi)	Antenna Gain (linear)	MPE (mW/cm ²)	MPE Limits (mW/cm ²)
	dBm	mW				
BT	0	1.0000	3.0	1.9953	0.0004	1.0000
BLE	0	1.0000	3.0	1.9953	0.0004	1.0000
2.4GWIFI	16.0	39.8107	3.0	1.9953	0.0158	1.0000
5.2GWIFI	15.0	31.6228	3.0	1.9953	0.0126	1.0000
5.2GWIFI-2A	15.0	31.6228	3.0	1.9953	0.0126	1.0000
5.2GWIFI-2C	12.0	15.8489	3.0	1.9953	0.0063	1.0000
5.8GWIFI	10.0	10.0000	3.0	1.9953	0.0040	1.0000

Remark:

1. Output power (Peak) including turn-up tolerance;
2. MPE evaluate distance is 20cm from user manual provide by manufacturer.

7. simultaneous MPE Result

SKI.WB668BS.3

WIFI ANT1 MPE (Ratio)	WIFI ANT2 MPE (Ratio)	BT MPE (Ratio)	simultaneous MPE (Ratio)	MPE Limits (Ratio)
0.0199	0.0199	0.0013	0.0411	1.0000

SKI.WB800D.3

BT MPE (Ratio)	WIFI MPE (Ratio)	simultaneous MPE (Ratio)	MPE Limits (Ratio)
0.0004	0.0158	0.0162	1.0000

SKI.WB668BS.3 MPE(Ratio)	SKI.WB800D.3 MPE(Ratio)	simultaneous MPE (Ratio)	MPE Limits (Ratio)
0.0411	0.0162	0.0573	1.0000

8. Conclusion

The measurement results comply with the FCC Limit per 47 CFR 2.1091 for the uncontrolled RF Exposure of mobile device.

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